GOVERNMENT OF INDIA

# METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW

FOR THE YEAR

## 1921

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UNDER THE DIRECTION OF

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# INDIA WEATHER REVIEW, 1921.

## INTRODUCTION.

THE present account of the meteorology of 1921 is intended primarily for scientific reference; for those needing prompt information the Annual Supplement to the Indian Daily Weather Report was issued on January 11, 1922.

This Review is based on observations taken daily at 8 hrs. at 210 stations and on additional observations taken at 10 hrs. and 16 hrs. at 13 stations. In the rainfall summary have been utilised the data of some 3,000 stations published by the Provincial Governments.

The Monthly Weather Reviews have been discontinued from January 1921 and the present Annual Review is consequently enlarged to contain all the important monthly data. The Review for 1922 will similarly contain all the monthly data for that year. From January 1923 onwards the Monthly Weather Report takes the place of the Monthly Weather Review, and contains the monthly means of observations appearing in the Indian Daily Weather Reports. The remaining monthly data will appear in the Annual Review for 1923.

The brief notes on solar, magnetic and seismic observations are supplied by the chief observatories in the Indian area.

Territorial divisions.

For meteorological purposes the following system of territorial divisions has been in use since 1st April 1912 :—

| Chief political divisions. | Sub-divisions. |
|---|---|
| | Bay Islands. |
| Burma | 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. |
| North-West Frontier Province | North-West Frontier Province. |
| | Baluchistan. |
| Sind | Sind. |
| 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. |

The measurement and reduction of pressure data.

In most of the observing stations in India mercurial barometers on Fortin's principle of fiducial point adjustment, with tubes of 0·4″ bore throughout, have always been in use. But of late years there has been an increasing number of barometers on the Kew principle, which has its scale divided to compensate for the change of level of the mercury in the cistern as the pressure alters.

The following list contains the names of all stations equipped with instruments of the latter class :—

| | | |
|---|---|---|
| Aden | Gangtok | Noakhali |
| Akyab | Gopalpore | Nowgong |
| Amini Devi | Gorakhpur | Rangoon |
| Barisal | Jalpaiguri | Ratnagiri |
| Bhamo | Kyaukpyu | Saugor, C. P. |
| Bushire | Mangalore | Tavoy |
| Cochin | Midnapore | Toungoo |
| Cox's Bazar | Mibbu | Victoria Point |
| Cuddapah | Monywa | Yamethin |
| Delhi | Mymensingh | Zanzibar |
| Dinajpur | Negapatam | |

The instruments at the following stations are by various makers and of various kinds :—

| | | |
|---|---|---|
| Colombo | Katmandu | Trincomalee |
| Dalbandin | Lyallpur | Trivandrum |
| Fort Sandeman | Patiala | |
| Kalat | Panjgur | |

At Calcutta and Bombay 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, ·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 considerable 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 Table A and in the January Table B. Those heights which have been obtained accurately by actual measurement, are given in Roman figures. In the great majority of cases they have been referred to datum levels determined by the Great Trigonometrical Survey of India ; of the remaining stations those heights which have been determined barometrically are printed in italics.

The readings of the barometers are reduced to 32° F, and from 1st January 1905 have been corrected to standard gravity in all cases.

In Table B, under the general heading "Pressure," are given for each station the mean 8 hrs. pressure reduced to 32° F and standard gravity and its departure from the normal mean pressure of the month.

In Table A, under the general heading "Pressure," are given for all stations recording observations at 10 hrs. and 16 hrs.—

(1) The monthly means of the two hours of observation at 10 hrs. and 16 hrs. reduced to 32° F and standard gravity.

(2) The mean daily range.

(3) The mean of daily mean pressure reduced to 32° F and standard gravity and its departure from the normal.

The means of daily pressures in Table A have been obtained by taking the means of the 10 hrs. and 16 hrs. observations and applying corrections for each month, derived from a series of hourly observations recorded at the same or neighbouring stations, to give true daily means.

The greater part of the normal 8 hrs. daily and monthly means of pressure utilized in Table B have been deduced from the barometric observations of the whole of the twenty-two years period 1889-1910, and in all except 24 cases the periods employed equalled or exceeded five years.

The monthly means employed in the determination of the departures of the mean actual from the mean normal pressures of the month given in Table A are derived from all the available trustworthy pressure data down to 1899 for each station. These normal means are given in the "Indian Meteorological Memoirs," Volume XVII, pages 66 to 69.

The more important barometric changes and movements are described in the statement of depressions and cyclonic storms. The data that are chiefly used in that discussion are the 8 hrs. reduced observations and the departures derived from comparison of these observations with the normal daily 8 hrs. values.

Reduction of temperature observations

The method of exposing thermometers will be found fully described in the Hand-book of instructions to observers in India, or briefly in the Annual Report on the Meteorology of India for the year 1887, page 37. All thermometers in use have been verified by comparison with Kew standard thermometers at Calcutta and are restandardised from time to time ; all thermometer readings are corrected to their true values, and hence are strictly comparable.

The mean temperature data are given in Tables B and C under the heading "Temperature." They are based upon observations of the dry bulb and wet bulb thermometers recorded at 8 hrs., and of the maximum and minimum thermometers. In the great majority of cases the normals of maximum and minimum temperature for the stations in Table B are derived from the data of the 33 years, 1878-1910 ; in the case of some of the most recently started observatories the period is shorter, but it is never less than five years. The normals are given in the "Indian Meteorological Memoirs," Volume XXII, Part III, pages 426-457.

In Table A under the heading "Temperature of air" are given the mean data based upon the observations of the maximum and minimum thermometers and of the dry bulb thermometer at 10 hrs. and 16 hrs.

The mean of daily mean temperatures for each month given in this table is obtained by taking the mean of the maximum and minimum temperatures and applying a correction given on pages XV to XXI of Volume XVII of the "Indian Meteorological Memoirs." This correction was determined from the hourly observation data given in Volumes V, IX and X of the "Indian Meteorological 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 of the mean daily mean temperature of the month have been obtained by a comparison of the actual means with normal means given in the "Indian Meteorological Memoirs," Volume XVII, pages 16 to 20.

Under the heading "Temperature, Wet Bulb" are given the mean data based upon observations of the wet minimum thermometer, and of the wet-bulb thermometer at 10 hrs. and 16 hrs.

The maximum and minimum temperature data of the second class observatories given in Table B, occasionally differ to some slight extent from the corresponding means in Table A. The chief reason for this is that in Table B the daily or 24-hour period is assumed to end at 8 hrs. and in Table A at midnight (except for rainfall the period of which

ends at 8 hrs.), and hence the maximum temperature in Table B for any month of 31 days at any station gives the mean for 31 periods of 24 hours ending at 8 hrs. of the 31st and in Table A for the same number of 24-hour periods ending at midnight on the 31st, and virtually therefore of a monthly period one day in advance of the former. Similarly for months of 28, 29 or 30 days.

Observations of terrestrial radiation thermometers, which are, as a rule, not very reliable, were recorded during the year 1921 at Calcutta, Lahore, Srinagar and Bombay. The mean data based on these observations are given in Table A under the heading "Nocturnal radiation temperature": the first column gives the mean temperature observed, the second column the mean of the daily depression of this temperature below the air minimum and the third column the departure from normal of the latter. The normals are based on about 45 years' data except at Srinagar where the records extend over 28 years.

Temperature of the ground.

Observations of the temperature of the surface of the ground were recorded during the year 1921 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, Volume 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 the departures from the averages of past years are given as more likely to give indications of value than the actual temperatures recorded. The number of years included in the averages in the different cases lies between 34 and 40.

Surface winds.

The wind data consisting 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. are given in Tables B and C under the headings "Resultant direction" and "Mean velocity miles per hour." The resultant 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.

In Table A the wind data are given in greater detail. Under the heading "Wind direction" are shown the number of times that each of eight wind directions was observed at the hours of record, and the direction of the resultant of winds of unit strength in these directions. The mean diurnal movement of the air at each station and its departure from normal are to be found under the heading "Wind velocity."

The figures of the normal values for wind used in Table A are computed from all available data previous to 1899, or in some cases 1902, and have been published in Volume XVII of the "Indian Meteorological Memoirs."

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 no correction has been applied to the values given in Tables A, B and C.

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 as in that year it had been generally accepted that the factor should be 2·2, the change to 2·2 was made in the Monthly Weather Review of January 1912 (*see* note on page 8 there).

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 will be published in a separate memoir. The results obtained up to the end of 1919 have been published in Vol. XXIII, Part III. The results for 1918 and 1919 are also given in the Annual Summary for 1918 and the Monthly Weather Reviews for 1919; the results for 1920 appear in the Monthly Weather Reviews for that year.

At the beginning of the year 1921 upper air observations were made at Agra, Simla, Lahore and Bangalore; observations were started at Akyab, Calcutta, Quetta and Peshawar during the year and from September to December observations were made at all the eight stations.

Reduction of humidity and cloud data.

The hygrometric data in Table A are based upon observations of the dry bulb and wet bulb thermometers at 10 and 16 hrs. and of the dry and wet minimum thermometers; while in Tables B and C they are based upon observations of the dry and wet bulb thermometers at 8 hrs. They are taken from the departmental "Tables for the reduction of meteorological observations."

The means of daily means in Table A are obtained by taking the means of the minimum, 10 hrs. and 16 hrs. observations and reducing them to true means, by applying, in case of vapour tension, the corrections given on pages 38 to 42, and in case of humidity the corrections given on pages 44 to 48 of Volume XVII of the "Indian Meteorological Memoirs." These corrections were determined from the hourly observation data given in Volumes V, IX and X of the "Indian Meteorological Memoirs." The normal values, which have been used for obtaining the departures, are the means calculated in the same way.

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. The monthly means in Table A are the arithmetical means of the cloud amounts at 10 hrs. and 16 hrs., and hence represent the mean amount during the day period rather than of the whole 24 hrs. The normal means, with which the actual monthly means are compared, are derived

from the available cloud data for the same hours up to the end of the year 1899 and are given in Tables XXXV and XXXVI of the Indian Meteorological Memoirs, Volume XVII.

Rainfall.

Symon's rain-gauges are now used at all rain-gauge stations with the exception of those in Mysore. The time of measuring rainfall is 8 hrs. by local time throughout India, and the amounts registered give the rainfall of the previous 24 hours, and hence generally of the previous civil day.

The rainfall data for each province are generally tabulated in the office of the local meteorologist, Director of Land Records, or other officer in the province, and published in the provincial gazettes. The data of Baluchistan, Kashmir, Rajputana, 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-first volume, that of 1921, contains the whole rainfall data of 2,900 stations.

The rainfall observations at the meteorological observatories are given in Tables A, B and C under the heading rainfall and in Table D. The information given there includes the total rainfall of the month and the total number of rainy days in the month with their departures from normal, and the heaviest rainfall in 24 hours during the month. The normals of rainfall and rainy days in these tables are based on all available records ending with 1915. It should be noted that a "rainy day" is one on which 0·10 inch or more of rain is received within the 24 hours ending at 8 hrs.

Tables.

Table A contains the monthly and annual means of 10 hrs. and 16 hrs. observations recorded at 12 stations in India and the Indian Ocean. Table B gives for each month and the year the means of 8 hrs. observations recorded at 210 stations in India and the neighbouring countries. Table C similarly gives for each month and the year the means of 8 hrs. observations recorded at 30 fourth class observatories. Table D gives the monthly and annual data of rainfall at 31 fifth class observatories.

## Annual Summary, 1921.

The retreating monsoon conditions of the past year reappeared in the south of the Peninsula in January and caused much heavier rain than usual there, while the western disturbances in the north, though less active in northwest India, gave abundant rain from the United Provinces to Burma. Rainfall was thus in large excess in January, but February was in remarkable contrast to it, only 18 per cent of the usual amount being received. In the hot weather period, March to May, weather was abnormally dry except in Assam, Bengal, Lower Burma and the south of the Peninsula. The Arabian Sea monsoon broke on the Malabar coast at about the usual date, and the Bay monsoon, though it appeared in Bengal about a fortnight earlier than usual, extended up the Gangetic plain only in the middle of June. Both the currents were fairly active for a short period, but the Arabian Sea current weakened towards the close of June and continued weak in the first week of July. There were partial breaks again in the second week of August in the Peninsula and northwest India. In September the monsoon was unusually active in the United Provinces and the central parts of the country and the southern divisions of northwest India. The total rainfall of the monsoon period was fairly well distributed, and averaged over the plains of India was nearly normal. In the months October to December the retreating monsoon gave rain fairly frequently in Burma and the Peninsula; while winter depressions began early and gave unusually heavy rain in northwest India excluding Rajputana and Gujarat. Taking the year as a whole the amount and distribution of rain were fairly normal.

## Pressure.

In January pressure was in slight excess in upper India and in defect in the south of the Peninsula. In February and March it was generally below normal: in the former month the deficiency was greatest in the southeast of the Bay and the Punjab, while in March the defect was over ·05″ over most of northern India and was as much as ·10″ in the southwest Punjab. A roughly normal distribution with slightly steeper gradients up the Gangetic plain obtained in April; but in May it was again in general defect, the deficiency of pressure exceeding ·05″ over nearly the whole of India excluding the western half of the Peninsula. Pressure continued to be in slight to moderate defect generally in June; in July it recovered in northern India where it was in slight excess, but continued in slight defect in the Peninsula. There was again a slight deficiency in northern India in August, while in September a small deficiency occurred in northwest India and a slight excess in the Peninsula. In October pressure varied from a moderate excess in northeast India to normal in the south of the Bay. In November it rose over the whole of India and was generally in moderate excess; but fell to the normal over most of India in December.

The table below gives the departure from normal of the mean monthly and annual pressure in the 15 chief political divisions of India.

TABLE 1.—*Departure of the mean monthly and annual pressure from the normal in the fifteen chief political divisions of India in 1921.*

| Division. | Jan. | Feb. | March. | April. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. | Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | " | " | " | " | " | " | " | " | " | " | " | " | " |
| Burma | +·008 | —·021 | —·023 | +·025 | —·051 | —·022 | +·012 | —·028 | —·001 | +·043 | +·031 | +·009 | —·001 |
| Assam | +·019 | —·022 | —·033 | +·041 | —·079 | —·033 | +·028 | —·035 | +·002 | +·058 | +·037 | +·011 | —·001 |
| Bengal | +·006 | —·030 | —·046 | +·030 | —·078 | —·038 | +·025 | —·042 | —·006 | +·054 | +·045 | +·010 | —·006 |
| Bihar and Orissa | +·011 | —·028 | —·053 | +·011 | —·089 | —·048 | +·017 | —·030 | —·010 | +·050 | +·051 | +·005 | —·009 |
| United Provinces | +·010 | —·033 | —·049 | +·004 | —·086 | —·045 | +·014 | —·030 | —·010 | +·050 | +·052 | —·007 | —·011 |
| Punjab | +·013 | —·044 | —·078 | —·023 | —·099 | —·048 | +·006 | —·040 | —·011 | +·030 | +·044 | —·019 | —·022 |
| North-West Frontier Province | +·017 | —·033 | —·093 | —·033 | —·112 | —·045 | —·001 | —·033 | —·015 | +·029 | +·055 | +·005 | —·022 |
| Sind | +·009 | —·026 | —·060 | —·013 | —·048 | —·029 | +·005 | —·030 | —·029 | +·037 | +·043 | —·009 | —·013 |
| Rajputana | +·003 | —·027 | —·058 | —·001 | —·052 | —·035 | +·001 | —·018 | —·028 | +·033 | +·041 | —·021 | —·013 |
| Bombay | —·003 | —·024 | —·034 | +·007 | —·035 | —·014 | —·012 | —·015 | —·014 | +·027 | +·042 | +·004 | —·006 |
| Central India | +·003 | —·029 | —·051 | +·003 | —·053 | —·039 | +·002 | —·025 | —·029 | +·036 | +·045 | —·016 | —·013 |
| Central Provinces | +·001 | —·018 | —·044 | +·013 | —·052 | —·026 | +·003 | —·013 | —·010 | +·042 | +·052 | +·003 | —·004 |
| Hyderabad | 0 | —·018 | —·025 | +·018 | —·052 | —·021 | —·006 | +·004 | +·003 | +·036 | +·051 | +·012 | 0 |
| Mysore | —·008 | —·017 | —·025 | +·017 | —·033 | —·017 | —·017 | +·001 | +·015 | +·006 | +·044 | +·007 | —·002 |
| Madras | —·016 | —·019 | —·029 | +·013 | —·055 | —·029 | —·015 | +·001 | +·011 | +·015 | +·057 | +·011 | —·005 |
| MEAN OF INDIA | +·004 | —·026 | —·044 | +·009 | —·063 | —·032 | +·004 | —·022 | —·008 | +·035 | +·046 | 0 | —·008 |

## Depressions and cyclonic storms.

*Slight storm of 9th to 11th January.*—Disturbed conditions with strong monsoon to the north appeared in the south-east of the Bay on the 7th. Advancing slowly westwards they developed into a slight storm to the south-east of Ceylon on the 9th. The storm caused very strong monsoon winds in its north-western quadrant: in the eastern districts of Ceylon cyclonic weather was experienced between the 8th and 10th, and much damage was caused to estates along the coast; several houses were damaged and a number of cargo and passenger boats wrecked. The S.S. *Malaya* experienced very rough weather between Point de Galle and Madras on the 9th. On the 10th and 11th while the storm still lay to the south-east of Ceylon the S.S. *Santa Clara* experienced off the east and south coasts of Ceylon heavy rain squalls and gales up to force 9. The storm weakened into a depression after the 11th; this travelled north-westwards and disappeared near Minicoy on the 15th. The rainfall associated with the storm was widespread in the southern half of the Peninsula and locally heavy on the Coromandel coast.

*V-shaped depression of 9th to 11th February.*—This appeared off the west coast on the 9th probably in connection with a temporary advance of humid winds from the equatorial regions. Extending slowly northwards it reached as far as Gujarat on the 11th, and in combination with a western disturbance it gave rise to a feeble depression over Gujarat on the 12th. This depression travelled eastwards and gave some rain in the Central Provinces, Central India and Chota Nagpur.

*Slight storm of 6th to 10th April.*—Owing evidently to a temporary advance of monsoon winds in the Bay a depression formed to the east of Ceylon on the 5th. It developed during the 6th and advanced northwards roughly parallel to the coast. On the 7th while it was off Cuddalore, the S.S. *Melford Hall* in its eastern quadrant experienced winds of gale force and squally weather at noon. The S.S. *Homefield* bound from Calcutta to Negapatam ran into the storm area off the Cocanada coast on the evening of the 8th and had winds of gale force, high seas and heavy rain squalls from midnight that day to noon of the 9th. The storm was however of small extent and died out at sea off the north Madras coast on the 10th.

*Depression of 10th to 14th May.*—This appeared on the 10th in the centre of the Bay in connection with one of the temporary advances of the monsoon; it travelled in north-

easterly direction and crossed the Arakan coast on the 14th. Widespread rain fell in Burma on the 14th and 15th with locally heavy falls on the Arakan coast.

*Three shallow depressions* appeared near the north-west angle of the Bay between the 17th and 20th June, 27th and 28th June, and 5th and 6th July. They passed inland without appreciable development, and the only effect on the weather was a slight increase of rainfall on the Orissa and south-west Bengal coasts.

*Moderate storm of 24th July to 1st August.*—The monsoon trough of low pressure was projecting into the north of the Bay from the 21st, and in this a storm had developed by the morning of the 24th with centre about 18°N, 89½°E. It was of slight intensity during the next two days; for the S.S. *Edavana* passed close to the centre in the early hours of the 25th and experienced winds of force 6 only, while the S.S. *Suveric* had winds of force 7 to 8 at some distance in the south-west quadrant. Moving slowly northwards and intensifying, the storm lay about 75 miles east of the Sandheads at 8 hrs. of the 26th; it was then of moderate intensity, and the S.S. *Culna* about 300 miles from the centre in the southwestern quadrant reported a full gale and heavy rain storms up to noon, while the S.S. *Suveric* to the west of the centre had very rough seas and terrific squalls in the early hours of the morning.

Curving to the north-west it crossed the coast about fifty miles east of Sauger Island and passed close to Calcutta in the early hours of the 27th. The barometer there fell from 29·11″ at midnight to 28·86″ at half past four in the morning. It rose slightly at 5 hours and was steady at 28·88″ till a quarter after seven, when it began to rise rapidly and reached a height of 29·10″ at half past eleven. At its lowest the barometer at Calcutta was six-tenths of an inch below normal. The wind and rain at Calcutta were however not what one would have expected from this large defect of pressure. From midnight to 4 hrs. the wind was from ENE at an average velocity of 16 miles an hour. Then, as the centre passed over or close to Calcutta, it weakened and was blowing only at 5 to 6 miles an hour up to 7 hrs.: the direction was North by East from 4 to 5 and South-East by East during the next two hours. After 7 hrs. the wind strengthened and veered to South-West; it blew at 20 miles an hour from 8 hrs. to noon, and continued brisk till the evening. Rainfall amounted to 1·60″ in the 5 hours ending with 3 A.M. of 27th; it was then light till 11-30 and 0·60″ fell in the next hour and a quarter. After leaving the neighbourhood of Calcutta the storm moved in a west-north-westerly direction with slightly diminished intensity and lay close to Ranchi at 8 hrs. next day, the defect of pressure there being half an inch; thence it passed over Central India East and south Rajputana, and weakening gradually disappeared in south Baluchistan on the 1st August. The rainfall caused by it was very heavy in the southern districts of Bihar, south Rajputana, north Gujarat and lower Sind; unprecedented floods occurred at Malir in the Karachi district, several villages and the workshop of the Malir municipal water works being washed away.

*Depression of 7th to 9th August.*—This formed at the head of the Bay on the 7th and disappeared over Chota Nagpur on the 9th after causing locally heavy rain in Orissa.

*Depression of 2nd to 6th September.*—A wave of slightly low pressure travelled westwards from the head of the Bay and developed on the 2nd into a definite depression over Central India. It passed over Gujarat and lower Sind on the 3rd and 4th and caused heavy rain in Gujarat and Kathiawar. Passing out into the Arabian Sea it disappeared off the Kathiawar coast on the 6th.

*Slight storm of 2nd to 7th September.*—This developed on the 1st and 2nd with centre about 18°N, 89°E. Moving slowly in a north-westerly direction it crossed the south Orissa coast on the 4th and disappeared over Central India on the 7th. Rainfall associated with it was locally heavy in the west of the Central Provinces.

*Depression of 14th to 23rd September.*—This appeared off the Ganjam coast on the 14th. It slowly developed during the next two days and crossed the coast near Waltair on the 17th. Travelling in a north-westerly direction it lay over Central India on the 19th. Thence it curved to north and north-east and disappeared into the hills of the United Provinces to the east of Nainital on the 23rd. It caused heavy rainfall locally in the north of the Peninsula, Gujarat and the west of the United Provinces. Low lying parts of Baroda city were under water on the 20th owing to floods in the river Vishvamitri.

An interesting fact in connection with this disturbance was the heavy rainfall in the Saran district of Bihar between the evening of the 14th and midday of the 15th. A shallow low pressure area lay over Chota Nagpur and the adjacent districts of Bihar and the east of the United Provinces on the 14th, and the strong monsoon blowing round the eastern quadrant of the depression in the Bay was drawn into this low pressure area and gave very heavy rainfall to its north. 12 inches of rain fell at Chapra and 20 inches at Siwan and caused a sudden flood at Chapra and part of Siwan resulting in the collapse of many houses and some deaths and considerable damage to crops and roads.

*Depression of 28th September to 1st October.*—This appeared in the Andaman Sea on the 28th; it passed thence into the north of the Bay, and disappeared without crossing the coast after giving some heavy rain on the Orissa coast.

*Severe storm of 4th to 13th October.*—A small depression appeared in the Andaman Sea on the 4th. It probably crossed from the Gulf of Siam into the Andaman Sea on the 3rd, for locally heavy rainfall was reported from south Tenasserim on that date. It gave 4″ of rain at Port Blair on the 4th and was probably a slight storm to the south-east of that station on the morning of the 5th. Moving in a west-north-westerly direction it was in about 13½°N, 84°E on the morning of the 7th. The S.S. *Syrian* on its way from Rangoon to Madras passed very close to the centre of the storm at 7 hrs. that morning, and its observations from midnight 6th to midnight 7th are given below on account of the light they throw on the nature of the storm then.

*S.S. Syrian.*

| Date. | Time. | Lat. | Long. | Barometer. | Wind direction. | Force. | Cloud. | REMARKS. |
|---|---|---|---|---|---|---|---|---|
| 1921 | | N ° ′ | E ° ′ | | | | | |
| October 6th . . . | Midnight . | .. | .. | 29·73 | N N E | 5 | .. | Rough sea, dull overcast, frequent hard wind and rain squalls. |
| „ 7th . . . | 4 A.M. . | .. | .. | ·62 | N N E | 6 | .. | High sea, frequent hard rain squalls, overcast. |
| | 6 A.M. | .. | .. | ·50 | N N E | 9 | .. | Moderate gale, very high sea, heavily overcast, frequent hard squalls. |
| | 6·30 A.M. | .. | .. | ·28 | N E | 11 | .. | Strong gale, very high sea, furious squalls. |
| | 7 A.M. . | .. | .. | ·30 | E | 11 | .. | 7·15 wind shifting to E. |
| | 8 A.M. . | 13·40 | 84·02 | ·48 | S E | 9 | .. | |
| | 9 A.M. . | .. | .. | ·62 | S W | 9 | | |
| | 10 A.M. . | .. | .. | ·66 | S | 7 | .. | Rough sea, frequent hard squalls of wind and rain, overcast, dull. |
| | | N | E | | | | | |
| | Noon . | 13·32 | 83·37 | ·64 | S | 6 | .. | |
| | 4 P.M. . | .. | .. | ·60 | S W | 6 | .. | High sea, frequent rain squalls, overcast, clear. |
| | 8 P.M. . | .. | .. | ·71 | S W | 6 | .. | Moderate gale, high sea, frequent hard squalls, overcast, clear. |
| | Midnight . | .. | .. | ·75 | S W | 6 | .. | Strong wind, high sea, frequent hard squalls, overcast, clear. |

The vessel was steaming at 9 miles an hour and hence it appears that the storm though intense had a very small diameter of about 50 miles. This is borne out by the observations of the S.S. *City of Cairo* which passed to the east of the storm at a distance of about 60 miles from the centre; the winds experienced by her did not exceed force 4, although she had some rain squalls. The storm crossed the coast over the Pulicat lake between Madras and Nellore on the morning of the 8th; it is reported to have been violent in the Sullurpet division east of the Buckingham canal and to have blown down many trees along the coast and in the Sriharikota forest reserve. It was however but slightly marked even at a short distance inland and next day it passed out into the Arabian Sea near Mormagao. There it rapidly regained its original intensity and the R. I. M. S. *Investigator* steaming south along the coast ran into it in the evening of the 9th and experienced winds of force 7 to 8 with heavy seas and rain squalls that night about 50 miles off the coast between Ratnagiri and Mormagao.

In the Arabian Sea it continued in its west-north-westerly course and was encountered by four steamers on their way from Aden to Bombay between long 67° and 61°E. The S.S. *Huntsend* passed at a distance of roughly 50 miles to the north of the centre when it was nearest to it on the evening of the 11th and had winds of force 7 to 8 with heavy confused sea and hard squalls from 16 to 20 hrs.

The S.S. *Firoozi* was in the south-western quadrant of the storm on the night of the 11th and passed probably within 30 miles of the centre. The weather experienced is shown by her log which is reproduced below for the period 8 A.M. of the 11th to 8 A.M. of the 12th. She was steaming slowly and did only 126 miles on a variable course from noon 11th to noon 12th.

*S.S. Firoozi.*

| | Time. | Lat. | Long. | Barometer | Wind. | Force. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1921 | | N | E | | | | |
| October 11th . . . . | 8 A.M. . | ... | ... | 29·82 | N | 2 | |
| | Noon . | 16 31 | 63 23 | ·75 | N W | 4 | Current S78E 24′. |
| | 4 P.M. . | ... | ... | ·67 | N W by W | 5 | Cloudy overcast and squally looking, dull, light rain. |
| | 6 „ | 16 40 | 64 15 | ·65 | N W | 5-6 | Easterly swell. |
| | 8 „ . | ... | ... | ·61 | N W | 6 | Wind brought on starboard quarter. Head sea. Heavy head swell. strong squalls, confused sea, light rain. |
| | 10 „ . | ... | ... | ·43 | N W | 7 | Vessel in line of progression and left Simoon. |
| | 11 „ . | ... | ... | ·35 | N W | 10 | Heavy rain squalls; sea high, confused. |
| | Midnight . | ... | ... | ·38 | N W by W | 10-11 | Heavy rain squalls, sea high, confused; gale and hurricane wind. |
| „ 12th . . . . | 2 A.M. . | ... | ... | ·41 | W N W | 8 | Wind and sea moderating squally. |
| | 4 „ . | ... | ... | ·59 | S W | 6-7 | Squally, sea rough, clearing up. High sea, strong cyclonic weather, hurricane wind, rain squalls. |
| | 8 „ . | 16 0 | 65 0 | ·79 | S & W | 5 | Clear, cloudy and rough sea. Vessel heading N 70 E on course. |

The S.S. *Venice* Maru and the S.S. *Princess* both passed to the south of the storm during the day on the 12th, the former much nearer to the centre than the latter. Their logs for the day hours are given below :—

*S.S. Venice Maru.*

| | | N ° ′ | E ° ′ | | | | | |
|---|---|---|---|---|---|---|---|---|
| 12th October 1921 . | 4 A. M. . | | | 29·65 | N W | 4 | O C | Moderate sea, cloudy and dull. |
| | 8 „ . | 16·30 | 62·18 | ·59 | N | 7 | R | High sea, rainy weather. |
| | 9 „ . | | | ·53 | N N W | 7 | R | |
| | 10 „ . | ... | ... | ·45 | N W | 8 | R | |
| | 11 „ . | | ... | ·27 | W N W | 8 | R | |
| | Noon . | 16·35 | 62·47 | ·25 | S W | 9 | R | High sea, stormy weather. |
| | 1 P. M. . | | | ·49 | S W | 8 | R | |
| | 2 „ . | | | ·55 | S W | 8 | R | |
| | 4 „ . | | | ·59 | S W | 7 | C | High sea, cloudy. |
| | 8 „ . | | | ·75 | S W | 4 | O C | „ „ |

*S.S. Princess.*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 12th October 1921 . | 8 A. M. . | 16·02 | 60·00 | 29·75 | W N W | 3 | | Slight sea, fine and clear. |
| | 10 „ . | | | ·77 | N N W | | | |
| | 11 „ . | | | ·76 | N W by N | | | |
| | 12 Noon . | 16·11 | 60·48 | ·68 | N W by N | 4 | | Slight sea, fine and clear. |
| | 1 P. M. . | | | ·71 | N W by W | | | Vessel ran into edge of cyclonic disturbance. |
| | 2 „ . | | | ·67 | N W | | | |
| | 3 „ . | | | ·52 | N W | | | 3—50 Wholegale, high sea, very heavy continuous rain. |
| | 4 „ . | | | ·37 | W by N | 7 | O | High sea, continuous rain, very heavy. |
| | 5 „ . | | | ·32 | W by N | | | |
| | 6 „ . | | | ·42 | W by S | | | |
| | 7 „ . | | | ·54 | W by S | | | |
| | 8 „ . | | | ·69 | S W by W | 3 | | Moderate sea, fine. |
| | Midnight . | | | ·76 | S W | 3 | | „ |

The S.S. *Venice Maru* was steaming at 8 miles an hour, the S.S. *Princess* at 12 miles an hour, and the S.S. *Firoozi* was probably doing only 6 miles an hour. The storm was moving roughly in the opposite direction at about 12 miles an hour. Hence the observations of the above steamers show that the storm was still of small diameter though larger than in the Bay of Bengal. Another characteristic which is probably due to its small size is the absence of swell and the other indications which herald the approach of the larger storms of the Bay of Bengal even at a considerable distance from the centre.

The storm passed into Arabia to the north of the Kuria Muria Islands on the 13th. Its long and vigorous life as a storm of small extent in the Indian Seas from the 4th to the 13th lends support to the view that it crossed over as a storm from the Gulf of Siam into the Andaman Sea, and failed to be recognised as such on account of its small diameter; for prior to the 7th when the S.S. *Syrian* passed close to the centre we have no positive evidence of its nature. Information received from the Director of the Zi-ka-Wei observatory regarding observations on the coast of Cochin China indicate, though only faintly, that a low pressure area passed at some distance to the south of Cochin China at the beginning of October. This date coincides with the time at which the storm would have been in the longitude of Lower Cochin China if it had been travelling with the same velocity which it had in the Indian Seas. The small extent of the storm also is a characteristic which it shares with the Port Blair cyclone of November 1891 and the Chittagong cyclone of October 1897, both of which were typhoons from the China Seas; they were however much more intense than the present storm.

*Depression of 11th to 15th October.*—This formed in the Bay about midway between Port Blair and Madras on the 11th and caused heavy rain on the east Madras coast on the 11th and 12th. It moved in a north-easterly direction and carried heavy rainfall to the Chittagong and Arakan coasts on the 13th : Akyab had 10″ and Cox's Bazar 6″ that day. It slowly weakened off the Arakan coast and disappeared on the 15th after causing widespread rain in Upper Burma on the 13th and 14th.

*Slight storm of 24th to 27th October.*—A depression formed in the south of the Bay on the 23rd, and on the 24th it was probably a storm of slight intensity with centre about 12°N, 86°E. Moving slowly north and then curving to the north-east roughly parallel to the coast line it gave locally very heavy rain on the Orissa coast and was situated in 19°N, 88°E on the morning of the 26th. It continued to move north-east that day, but weakened rapidly and had disappeared by the morning of the 27th. It however left weather unsettled in the north-east angle of the Bay, and heavy rainfall on the south-east Bengal coast which commenced on the 26th continued up to the 28th. Chittagong and Cox's Bazar had 10″ each on the 26th and 27th.

*Depression of 26th October to 3rd November.*—A depression formed in the south-west of the Bay on the 26th. It slowly passed westwards over Ceylon and the extreme south of the Peninsula on the 28th and 29th and caused widespread rain over the southern half of the Peninsula. Passing out into the Arabian Sea it persisted as a V-shaped depression extending as far north as Ratnagiri till the 3rd November. After this date it slowly weakened and disappeared.

Rainfall continued to be nearly general with local heavy falls in the south of the Peninsula, and between the 1st and 3rd November it extended north into Bombay and Hyderabad ; some unusually heavy falls for the time of year were recorded in Hyderabad and the Bombay Deccan on these days.

*Moderate storm of 6th to 8th November.*—Weather became disturbed in the south of the Bay on the 5th and a storm developed on the 6th with centre about 11°N, 89°E. On the morning of the 7th it was about 250 miles west-north-west of Port Blair. Thence it moved rapidly in a north-easterly direction and was at 8 hrs. next day off the Arakan coast about 150 miles north-west of Diamond Island. It was then a storm of moderate intensity : the sea was reported as tremendous at Diamond Island and the S.S. *Arankola* which was close to the centre had winds of force 9 with high seas and heavy rain squalls ; its barometer read 29·53″ or about ·35″ below normal. But after 14 hrs. that day the storm rapidly weakened without crossing the coast, leaving however a residual depression in the north-east angle of the Bay on the morning of the 9th ; and this disappeared within the next 24 hours. It gave a burst of heavy rain in Pegu and Upper Burma on the 7th and 8th.

*Depression of 27th December 1921 to 1st January 1922.*—On the 27th December a depression formed to the south-east of Ceylon in about 5°N, 85½°E. Moving westwards it was in 5½°N, 82½°E at 8 hrs. of the 28th. Trincomalee reported tremendous seas and 11 inches of rain at 8 hrs. of the 28th. It began to weaken after this and on the morning of the 9th it was about 150 miles south-west of Colombo. It continued its westward motion as a well marked depression and disappeared during the 1st January 1922 in about 8½° N, 67°E. The rainfall associated with it was widespread and locally heavy in south Madras between the 28th and 31st.

An account of this depression is given also in an Appendix to the Report on the Colombo observatory for 1921.

## Western disturbances.

The following is a list of the Western disturbances which affected the weather and gave rain in northern India during the year with the dates on which they did so and brief notes on the rainfall that they produced :—

TABLE 2.

| | | |
|---|---|---|
| | *January.* | |
| 1 | 5 and 6 . . | Isolated falls in Kashmir. |
| 2 | 10—15 . . | Precipitation confined to Baluchistan, Kashmir and the North-West Frontier Province. |
| 3 | 18—22 . . | Widespread rain over nearly the whole country east of the longitude of Bombay. |
| 4 | 25 and 26 . . | A few falls in Kashmir and Baluchistan. |
| | *February.* | |
| 5 | 1—5. . . | Local falls in the western Himalayas with a few falls in the Punjab plains and north-east India. |
| 6 | 7—9. . . | A few light falls in the extreme north. |
| 7 | 11—14 . . | A few light falls in the central parts of the country. |
| 8 | 18—22 . . | A few falls in Kashmir and Assam. |
| 9 | 27—March 2 . | A few falls in Kashmir and Assam. |
| | *March.* | |
| 10 | 5 and 6 . . | A few falls in Assam and Bengal. |
| 11 | 11—14 . . | Precipitation along the western Himalayas and in the United Provinces, Bengal and Assam. |
| 12 | 15—22 . . | Local rain in the extreme north with a few falls in the Punjab plains and Bengal, and widespread rain in Assam. |
| 13 | 26—29 . . | A few falls in Baluchistan, Kashmir and Assam. |
| | *April.* | |
| 14 | 4—6. . . | Local rain in Kashmir. |
| 15 | 7—9. . . | Local rain in Baluchistan, Kashmir and along the Himalayas and submontane plains from the Punjab to Assam. |
| 16 | 11—15 . . | Local falls in Kashmir and the North-West Frontier Province. |
| 17 | 17—20 . . | Local falls in Kashmir with a few falls in the North-West Frontier Province and north-east Baluchistan. |
| 18 | 22 and 23 . . | Rain in the extreme north. |
| 19 | 26—May 2 . . | Local falls from north Baluchistan to Kashmir and in Assam. |

TABLE 2—*continued.*

| | | |
|---|---|---|
| | *May.* | |
| 20 | 2—6. . . | Rain practically confined to Kashmir. |
| 21 | 10 and 11 . . | A few falls in the extreme north. |
| 22 | 18—31 . . | Weather almost continuously disturbed in the extreme north with a few sporadic falls in Kashmir. |
| | *June.* | |
| 23 | 2—7. . . | Rain in Kashmir and locally in the plains, of the Punjab and of the United Provinces. |
| 24 | 16—18 . . | Widespread rain in the extreme north. |
| 25 | 22—27 . . | Local rain in the extreme north, and aided by monsoon winds widespread rain in the Punjab on one day. |
| | *July.* | |
| 26 | 4 . . . | Isolated falls in Kashmir |
| 27 | 22 and 23 . . | Local rain in Kashmir. |
| 28 | 27—31 . . | Aided by the monsoon widespread and locally heavy rain in the Punjab and surrounding hills. |
| | *August.* | |
| 29 | 7 and 8 . . | Aided by the monsoon widespread rain in the extreme north. |
| 30 | 12 and 13 .. . | Widespread and locally heavy rain in the north Punjab and surrounding hills. |
| 31 | 16—18 . . | Locally heavy rain in the extreme north. |
| | *September.* | |
| 32 | 17—19 . . | Moderate local rain in the extreme north. |
| 33 | 27 and 28 . . | Fairly widespread rain from north-east Baluchistan to Kashmir. |
| | *October.* | |
| 34 | 4—6. . . | A few light falls in the extreme north. |
| 35 | 10 and 11 . . | A few light falls in the Punjab and Kumaon hills. |
| 36 | 14—16 . . | Widespread rain in the extreme north, the east Punjab and the north-west of the United Provinces. |
| 37 | 17—19 . . | Widespread and locally heavy rain from north-east Baluchistan to Kashmir and in the central Punjab. |
| 38 | 26 . . . | A few light falls along the frontier. |
| | *November.* | |
| 39 | 11—15 . . | Widespread rain in Baluchistan and Kashmir. |
| 40 | 18 . . . | Local falls in north-east Baluchistan. |
| 41 | 30 and Dec. 1 . | Local rain from north-east Baluchistan to Kashmir. |
| | *December.* | |
| 42 | 3—6. . . | Widespread rain in Baluchistan, the north Punjab, the North-West Frontier Province and Kashmir. |
| 43 | 13—17 . . | Light local falls in the extreme north on the first three days and widespread rain in Baluchistan, the north Punjab and the surrounding mountains on the 16th and 17th. |
| 44 | 18—26 . . | Widespread rain over north-west India excluding Gujarat and Rajputana between the 18th and 21st, with a few falls along the submontane districts from the United Provinces to Assam. |
| 45 | 27—30 . . | Widespread rain from north-east Baluchistan to Kashmir and along the western Himalayas. |

Winds of force nine or more were recorded on ships in the Indian Seas during the year 1921 on the dates and at the places given below :—

TABLE 3.

| Month and date. | Name of Ship. | Approximate position. | | Remarks. |
|---|---|---|---|---|
| | | Latitude. | Longitude. | |
| 1921 | | ° | ° | |
| January 12 . | Santa Clara . . | 7 N | 78 E | |
| February 8-9 | Mahratta . . | 17-14 | 41-43 | |
| June 5 . | Clan Ogilvy . . | 13 | 53-56 | |
| June 7-8 . | Tajiwa Maru . . | 6 | 84 | |
| July 11 . | Imani . . . | 12 | 55 | |
| „ 25-26 . | Culna . . | 16-17 | 86-87 | |
| „ 26 . | Benten Maru . . | 18 | 91 | |
| „ 27 . | Egra . . . | 18-19 | 91 | |
| August 9 . | Yeddo . . . | 17 | 73 | |
| „ 9-10 | Nankai Maru . . | 12-11 | 59-61 | |
| „ 15 . | Maimyo. . . | 13 | 56 | |
| „ 18 . | Dangola . . | 15 | 58 | |
| October 7 . | Syrian . . . | 14 | 84 | |
| „ 11. | Firoozi . . . | 16 | 64 | |
| „ 12. | Venice Maru . . | 17 | 63 | |
| „ 12. | Princess . . | 16 | 62 | |
| November 8. | Arankola . . | 17 | 93 | |
| December 14 | Brocktown . . | 7 | 79 | |
| „ 24 | Australport . . | 55 | 90 | |

## Temperature.

Temperature was rather low in upper India in the beginning of January, but a wave of high temperature appeared in north-west India on the 4th and gradually spread over northern and central India; between the 12th and 18th temperature was higher than usual over the greater part of the country. Then temperature began to fall in north-west India and within the next three days it had fallen to the normal over the greater part of India, but continued in excess in Burma till the 25th. From the 22nd to the 27th temperature was generally in defect in northern India. On the mean of the month maximum temperature was above normal in the tract of country extending from the Deccan northwards to the north-west frontier. In February markedly high temperatures, especially maximum temperatures were recorded in north-west India in the last ten days, the excess being greatest in the hills; the minimum temperatures recorded at the hill stations during this period were frequently higher than at the neighbouring stations in the plains. These high temperatures continued in north-west India in the first three weeks of March, the day-maximum rising about 25° above normal on some days; but the cold wave behind the third western disturbance of the month brought the temperature to the normal, and during the rest of the month temperature there was normal or below it. On the whole March was hotter than usual over almost the whole country. Temperature rose again in north-west India in the beginning of April and from the 3rd onwards it was uninterruptedly high there; the abnormal heat was frequently shared by the United and Central Provinces. The mean temperature of the month was consequently 6° to 8° above normal in the Punjab, the North-West Frontier Province and Baluchistan, and this April was indeed one of the hottest in north-west India since 1892. May was also much hotter than usual in northern India. In the first week temperature was high from the Punjab to Bihar and Orissa, but in the second week temperature fell to the normal in north-west India, but continued high in the United Provinces and the greater part of north-west India. Temperature rose again on the 14th in north-west India, and during the rest of May and the first week of June much higher temperatures than usual prevailed from the northwest frontier to Bihar and Orissa and in the north-east of the Peninsula. Then the temperature fell to the normal, but rose above normal in north-west India again on the 11th and continued in excess till the 16th, when the rainfall associated with a western disturbance brought the temperature to the normal once more. In the central parts of the country very low temperatures were recorded from the 16th to 25th, the deficiency in the day-maximum ranging up to 18° on the 19th. On the mean of the month however there were no marked departures from the normal. Owing to the break in the Arabian Sea current in the early part of July, high temperatures prevailed from the north-west frontier to the United and Central Provinces in the first week, but with the gradual extension of monsoon rainfall up the Gangetic plain and into the central parts of the country, the area of high temperature shrank westwards and was confined to north-west India in the second week. The excess in day temperatures was large in the Punjab and the North-West Frontier Province, and the thermometer rose to 120° at Peshawar on the 7th, 8th and 9th. The spells of high and low temperatures during the rest of the month were shortlived and the mean maximum of the month was above normal from the north west frontier to the United Provinces and in Rajputana and Central India. There were four short spells of low temperature in north-west India during August and on the mean of the month maximum temperature was generally below normal there. Temperature was rather low again in north-west India in the last week of September, but this caused no appreciable departure from the normal in the monthly mean; in the central parts of the country however maximum temperature was in slight defect, while in the plains of the North-West Frontier Province the minimum was high almost throughout the month. Day temperature was low in north Burma from the beginning of October, and owing to the rainfall brought by a storm from the Bay the area of low temperature extended from the United Provinces to Burma between the 12th and 16th, the day-maximum being very low in north Burma on the 13th and 14th. In the Punjab and the surrounding divisions the cold wave following the western disturbance of the 14th to 19th left the temperature low during the rest of the month. In November the only noteworthy departures from normal were the low temperature caused in central Burma by storm rainfall between the 7th and 9th, and the low temperature in the north of the Peninsula in the second week. In December there were three spells of high temperature in north-west India; the first persisted in the Punjab and Rajputana from the 2nd to 6th and advancing eastwards disappeared over the United Provinces on the 9th. The second appeared over the Punjab on the 15th and extended into the United Provinces on the 17th and up to Bihar and Orissa on the 21st; temperature began to fall in the Punjab on the 23rd and by the 25th temperature had become normal over the whole of northern India; but it rose above normal again towards the close of the month.

The mean maximum and minimum temperatures of each month and the year with their departures from normal in the 15 chief political divisions of India are given in Table 4. Similar data for the 33 sub-divisions are given in Table 5.

TABLE 4.—*Monthly and annual means of maximum and minimum temperatures*

| Division. | JANUARY. | | | | FEBRUARY. | | | | MARCH. | | | | APRIL. | | | | MAY. | | | | JUNE. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Maximum | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | |
| | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. |
| Burma . . . | 84·3 | +0·9 | 61·9 | +2·0 | 86·7 | —0·5 | 61·9 | —1·0 | 92·1 | +0·3 | 69·7 | +1·1 | 95·1 | +0·4 | 74·9 | +0·3 | 92·8 | +0·6 | 76·4 | +0·5 | 88·3 | +0·4 | 75·5 | —0·1 |
| Assam . . . | 75·2 | +1·1 | 52·0 | +2·1 | 77·5 | +0·4 | 53·6 | +0·4 | 83·3 | —0·3 | 64·0 | +3·0 | 84·0 | —1·7 | 68·1 | +1·0 | 86·6 | —0·6 | 73·1 | +1·2 | 86·3 | —2·1 | 75·2 | —0·6 |
| Bengal . . . | 77·8 | +0·6 | 56·0 | +1·7 | 81·6 | +0·6 | 58·2 | +0·3 | 88·8 | —0·4 | 69·7 | +2·8 | 92·0 | —1·8 | 74·1 | +0·3 | 93·7 | +1·4 | 78·1 | +2·1 | 89·2 | —0·6 | 77·5 | —0·5 |
| Bihar and Orissa . | 77·7 | +0·8 | 53·6 | +0·8 | 82·5 | +1·4 | 56·3 | —0·8 | 94·3 | +3·1 | 67·7 | +2·7 | 100·6 | +1·3 | 75·4 | +1·9 | 105·5 | +4·7 | 81·3 | +3·5 | 96·5 | +1·1 | 79·5 | +0·7 |
| United Provinces . | 74·6 | +2·0 | 48·9 | +1·3 | 80·2 | +2·6 | 50·7 | —0·5 | 93·7 | +3·6 | 64·0 | +3·2 | 104·4 | +3·4 | 74·9 | +3·6 | 110·9 | +5·8 | 83·0 | +4·2 | 102·2 | +1·2 | 82·9 | +1·1 |
| Punjab . . | 70·5 | +2·8 | 43·0 | +0·6 | 77·2 | +5·5 | 46·6 | +0·8 | 90·8 | +7·5 | 60·4 | +4·5 | 102·3 | +6·8 | 72·7 | +6·4 | 109·5 | +5·2 | 79·3 | +3·6 | 107·5 | +1·5 | 82·9 | +1·3 |
| North-West Frontier Province. | 68·2 | +2·4 | 39·9 | 0 | 74·1 | +5·5 | 44·0 | +0·6 | 89·1 | +10·5 | 58·3 | +4·9 | 99·3 | +9·9 | 69·2 | +6·5 | 108·0 | +7·1 | 76·7 | +4·5 | 108·8 | +1·9 | 81·6 | +2·4 |
| Sind . . . | 75·1 | +0·1 | 50·2 | —0·5 | 80·7 | +1·9 | 53·6 | —1·0 | 92·3 | +3·9 | 65·4 | +2·1 | 98·5 | +2·9 | 73·9 | +2·0 | 102·0 | —0·8 | 79·3 | +1·0 | 102·2 | —0·8 | 83·2 | +0·4 |
| Rajputana . . | 76·7 | +1·6 | 48·2 | 0 | 82·9 | +4·4 | 50·7 | —1·6 | 96·8 | +6·7 | 65·4 | +2·6 | 104·3 | +4·0 | 76·7 | +3·4 | 108·3 | +1·7 | 82·3 | +0·8 | 106·1 | +1·6 | 85·0 | +1·4 |
| Bombay . . | 6·2 | +2·1 | 58·0 | +0·5 | 88·1 | +1·6 | 59·3 | —0·9 | 95·8 | +3·3 | 67·7 | +0·8 | 98·9 | +1·8 | 74·2 | +1·0 | 99·6 | +1·6 | 77·1 | +0·3 | 93·7 | +1·2 | 78·0 | +0·8 |
| Central India . . | 78·1 | +1·7 | 49·5 | +1·1 | 83·2 | +2·3 | 50·8 | —1·0 | 96·6 | +5·1 | 62·5 | +1·7 | 104·2 | +3·5 | 73·5 | +2·6 | 108·0 | +3·1 | 79·9 | +1·6 | 100·3 | +1·1 | 80·3 | +0·7 |
| Central Provinces . | 84·0 | +2·6 | 55·1 | +1·6 | 87·6 | +1·8 | 56·0 | —1·2 | 99·9 | +5·0 | 67·2 | +1·9 | 105·0 | +2·5 | 76·6 | +2·6 | 109·5 | +3·4 | 82·3 | +2·5 | 95·5 | —1·8 | 77·1 | —0·7 |
| Hyderabad . . | 88·6 | +2·6 | 61·1 | +1·3 | 92·5 | +1·7 | 63·1 | —0·9 | 102·1 | +4·3 | 71·2 | +1·1 | 103·6 | +1·1 | 77·5 | +1·2 | 109·5 | +5·0 | 81·7 | +2·2 | 95·7 | —0·2 | 75·5 | —0·3 |
| Mysore . . . | 84·4 | +1·4 | 61·1 | +2·3 | 88·2 | +0·4 | 61·5 | —0·3 | 94·6 | +1·9 | 65·7 | —0·3 | 92·2 | —2·0 | 69·7 | +0·1 | 93·6 | +2·0 | 69·7 | +0·3 | 85·2 | +1·1 | 68·1 | +0·3 |
| Madras . . . | 85·2 | —0·1 | 69·2 | +2·3 | 88·2 | —0·8 | 68·6 | —1·0 | 93·7 | +0·7 | 73·6 | +0·3 | 94·3 | —1·5 | 77·7 | 0 | 99·6 | +2·4 | 81·2 | +1·7 | 95·1 | +1·2 | 78·9 | +0·8 |

*with their departures from normal in the 15 chief political divisions of India.*

| JULY. | | | | AUGUST. | | | | SEPTEMBER. | | | | OCTOBER. | | | | NOVEMBER. | | | | DECEMBER. | | | | YEAR. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | |
| Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. |
| 87·5 | +0·8 | 75·5 | +0·2 | 86·3 | —0·1 | 75·1 | —0·2 | 86·7 | —0·6 | 74·9 | 0 | 85·9 | —2·0 | 72·8 | —1·3 | 83·9 | —1·0 | 67·1 | —1·1 | 81·9 | —0·1 | 60·2 | —1·6 | 87·6 | —0·1 | 70·5 | —0·2 |
| 88·0 | —0·9 | 76·0 | —0·3 | 88·9 | +0·4 | 77·5 | +0·3 | 88·3 | —0·2 | 76·1 | —0·2 | 83·3 | —3·2 | 69·2 | —1·4 | 81·3 | —0·2 | 61·1 | +0·1 | 75·6 | —0·1 | 53·3 | +1·9 | 83·2 | —0·6 | 66·7 | +0·3 |
| 88·3 | +0·2 | 78·4 | 0 | 87·5 | —0·1 | 78·3 | +0·2 | 88·1 | —0·1 | 77·6 | —0·1 | 85·4 | —2·0 | 72·2 | —1·5 | 82·9 | —0·2 | 62·4 | —1·1 | 79·0 | +1·3 | 56·3 | +0·9 | 86·2 | —0·1 | 70·0 | +0·5 |
| 90·9 | +1·3 | 78·4 | +0·5 | 87·7 | —0·7 | 77·5 | —0·3 | 88·4 | —0·7 | 76·8 | —0·2 | 87·2 | —1·2 | 69·5 | —1·6 | 82·3 | —0·6 | 57·5 | —2·8 | 79·2 | +2·2 | 53·8 | +1·2 | 89·4 | +1·1 | 68·9 | +0·3 |
| 95·8 | +3·2 | 80·7 | +1·2 | 87·8 | —2·2 | 77·9 | —0·4 | 88·9 | —2·6 | 76·2 | —0·2 | 88·9 | —2·2 | 65·8 | —0·7 | 82·3 | —1·1 | 53·8 | —1·0 | 77·1 | +2·3 | 50·6 | +3·0 | 90·1 | +1·1 | 67·6 | +1·3 |
| 102·2 | +2·7 | 81·6 | +1·4 | 94·5 | —2·6 | 77·7 | —2·2 | 96·0 | —0·5 | 75·1 | +1·0 | 89·3 | —4·3 | 63·3 | +1·7 | 81·9 | —0·8 | 51·5 | +1·7 | 70·5 | —0·7 | 48·3 | +6·2 | 90·9 | +2·0 | 65·1 | +1·9 |
| 107·9 | +5·1 | 82·7 | +1·9 | 97·9 | —5·6 | 79·5 | —1·5 | 98·8 | —1·7 | 76·9 | +4·1 | 87·9 | —3·1 | 62·6 | +3·1 | 78·3 | —1·6 | 50·3 | +3·1 | 64·8 | —4·9 | 46·1 | +6·3 | 90·3 | +2·6 | 63·9 | +3·1 |
| 97·8 | +0·5 | 83·1 | +0·7 | 92·3 | —3·1 | 80·0 | +0·5 | 93·7 | —0·7 | 78·5 | +1·7 | 91·9 | —2·7 | 70·2 | +1·4 | 86·2 | —0·9 | 62·0 | +2·9 | 74·1 | —3·8 | 55·7 | +3·6 | 90·6 | —0·5 | 69·6 | +1·3 |
| 99·8 | +3·8 | 81·7 | +1·6 | 90·3 | —2·1 | 77·4 | —0·3 | 91·5 | —2·0 | 74·9 | —0·5 | 93·8 | —1·6 | 67·6 | 0 | 87·2 | —0·3 | 56·8 | —0·2 | 79·9 | +2·3 | 52·8 | +2·7 | 93·1 | +1·8 | 68·3 | +0·7 |
| 88·0 | +1·0 | 76·0 | +0·4 | 85·7 | 0 | 74·5 | +0·2 | 85·3 | —1·8 | 73·0 | —0·1 | 90·5 | —0·2 | 70·2 | —0·1 | 87·9 | —0·4 | 62·8 | —1·0 | 85·3 | +0·7 | 59·7 | +0·9 | 90·4 | +0·9 | 69·3 | +0·2 |
| 92·6 | +4·6 | 77·9 | +2·1 | 84·2 | —1·2 | 74·3 | +0·1 | 84·3 | —3·4 | 72·7 | +0·1 | 88·9 | —0·5 | 63·7 | —0·9 | 82·9 | —0·2 | 52·3 | —1·7 | 80·4 | +3·2 | 50·6 | +2·4 | 90·3 | +1·6 | 65·7 | +0·7 |
| 88·3 | +1·9 | 75·0 | +1·0 | 84·3 | —0·6 | 73·3 | +0·2 | 84·8 | —2·3 | 72·0 | —0·3 | 89·1 | +0·8 | 65·7 | —0·7 | 83·7 | —0·1 | 55·0 | —2·8 | 83·0 | +3·2 | 53·9 | —1·9 | 91·2 | +1·4 | 67·4 | +0·5 |
| 88·1 | —0·3 | 73·3 | +0·2 | 87·6 | +0·7 | 72·5 | +0·3 | 88·1 | +1·0 | 71·6 | —0·3 | 88·8 | —0·7 | 68·2 | —0·8 | 83·9 | —2·1 | 59·8 | —2·5 | 84·1 | +0·3 | 58·0 | —0·2 | 92·7 | +1·1 | 69·5 | +0·1 |
| 81·8 | +0·9 | 67·3 | +0·6 | 81·4 | —0·1 | 66·8 | +0·5 | 82·0 | —0·5 | 65·3 | —0·5 | 83·2 | —0·1 | 66·0 | 0 | 80·6 | —0·8 | 61·1 | —1·4 | 80·9 | +0·5 | 58·4 | —0·5 | 85·7 | +0·4 | 65·1 | +0·1 |
| 90·2 | —1·1 | 76·7 | 0 | 90·5 | 0 | 76·4 | +0·3 | 89·9 | —0·2 | 75·8 | +0·2 | 87·5 | —1·1 | 74·4 | +0·2 | 85·6 | —0·6 | 69·5 | —1·4 | 84·5 | +0·2 | 67·3 | +0·5 | 90·4 | 0 | 74·1 | +0·1 |

TABLE 5.—*Monthly and annual means of maximum and minimum temperatures*

| Sub-Division. | January. | | | | February. | | | | March. | | | | April. | | | | May. | | | | June. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Maximum | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | |
| | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. |
| 1. Bay Islands . | 84·7 | —0·3 | 77·1 | +1·9 | 84·1 | —2·1 | 74·5 | —0·7 | 87·9 | —0·9 | 77·3 | +0·9 | 91·0 | +0·1 | 79·7 | +0·6 | 88·2 | —0·7 | 78·8 | —0·3 | 85·1 | —0·9 | 78·0 | +0·2 |
| 2. Lower Burma . | 86·1 | +0·5 | 66·4 | +1·5 | 88·1 | —0·4 | 66·2 | —1·1 | 91·2 | —0·1 | 72·7 | +1·0 | 93·1 | —0·1 | 76·6 | —0·2 | 89·6 | —0·3 | 76·5 | —0·5 | 85·4 | —0·5 | 75·5 | —0·5 |
| 3. Upper Burma . | 81·6 | +1·4 | 55·4 | +2·6 | 84·7 | —0·6 | 55·8 | —0·8 | 93·4 | +0·7 | 65·8 | +1·3 | 97·8 | +0·8 | 72·7 | +0·8 | 96·9 | +1·4 | 76·3 | +1·4 | 92·4 | +1·7 | 75·5 | +0·3 |
| 4. Assam . . | 75·2 | +1·1 | 52·0 | +2·1 | 77·5 | +0·4 | 53·6 | +0·4 | 83·3 | —0·3 | 64·0 | +3·0 | 84·0 | —1·7 | 68·1 | +1·0 | 86·6 | —0·6 | 73·1 | +1·2 | 86·3 | —2·1 | 75·2 | —0·6 |
| 5. Bengal . . | 77·8 | +0·6 | 56·0 | +1·7 | 81·6 | +0·6 | 58·2 | +0·3 | 88·8 | —0·4 | 69·7 | +2·8 | 92·0 | —1·8 | 74·1 | +0·3 | 93·7 | +1·4 | 78·1 | +2·1 | 89·2 | —0·6 | 77·5 | —0·5 |
| 6. Orissa . . | 81·0 | —0·1 | 58·1 | 0 | 85·8 | +0·4 | 61·5 | —1·2 | 95·9 | +2·3 | 71·0 | +1·4 | 99·2 | +0·7 | 77·4 | +1·5 | 104·2 | +3·9 | 82·5 | +3·0 | 94·4 | +0·8 | 79·2 | 0 |
| 7. Chota Nagpur . | 78·3 | +1·2 | 52·5 | +1·2 | 81·7 | +0·6 | 55·7 | —0·8 | 96·4 | +5·5 | 66·6 | +3·3 | 103·8 | +2·8 | 74·9 | +2·1 | 109·2 | +5·5 | 82·1 | +4·3 | 97·5 | +0·9 | 79·0 | +0·8 |
| 8. Bihar . . | 75·4 | +1·5 | 51·4 | +1·4 | 80·8 | +2·2 | 53·3 | —0·5 | 92·2 | +2·1 | 66·1 | +3·2 | 99·9 | +0·9 | 74·4 | +2·1 | 104·4 | +4·9 | 80·2 | +3·4 | 97·2 | +1·7 | 80·0 | +1·1 |
| 9. United Provinces, East. | 75·3 | +2·1 | 49·3 | +1·5 | 80·3 | +2·2 | 50·7 | —0·5 | 93·6 | +3·0 | 64·7 | +3·8 | 104·0 | +2·8 | 74·9 | +3·6 | 110·5 | +6·1 | 82·6 | +4·5 | 101·7 | +1·4 | 82·6 | +1·3 |
| 10. United Provinces, West. | 73·8 | +1·9 | 48·4 | +1·1 | 80·0 | +3·1 | 50·6 | —0·5 | 93·8 | +4·5 | 63·0 | +2·3 | 104·9 | +4·3 | 75·0 | +3·6 | 111·5 | +5·3 | 83·6 | +3·9 | 102·8 | +1·0 | 83·3 | +0·9 |
| 11. Punjab, East and North. | 70·2 | +2·9 | 43·7 | +0·8 | 76·5 | +5·3 | 47·0 | +0·6 | 90·3 | +7·4 | 60·6 | +4·5 | 102·0 | +6·9 | 72·8 | +6·7 | 109·6 | +6·0 | 80·1 | +4·6 | 107·0 | +1·9 | 82·2 | +1·5 |
| 12. Punjab, South-West. | 71·1 | +2·8 | 41·5 | +0·1 | 78·5 | +6·1 | 45·7 | +1·9 | 92·4 | +7·8 | 59·8 | +4·4 | 102·9 | +6·6 | 72·4 | +5·9 | 109·2 | +3·2 | 77·9 | +1·0 | 108·5 | +0·7 | 84·1 | +1·0 |
| 13. Kashmir . . | 38·8 | +0·3 | 21·1 | +2·6 | 41·8 | —0·4 | 20·6 | —0·1 | 57·4 | +3·7 | 35·9 | +4·6 | 67·3 | +3·0 | 45·3 | +4·0 | 73·5 | —2·1 | 50·9 | +0·6 | 74·4 | —7·2 | 52·3 | —2·5 |
| 14. North-West Frontier Province. | 68·2 | +2·4 | 39·9 | 0 | 74·1 | +5·5 | 44·0 | +0·6 | 89·1 | +10·5 | 58·3 | +4·9 | 99·3 | +9·9 | 69·2 | +6·5 | 108·0 | +7·1 | 76·7 | +4·5 | 108·8 | +1·9 | 81·6 | +2·4 |
| 15. Baluchistan . | 60·8 | +1·2 | 34·6 | —2·9 | 67·0 | +5·9 | 37·2 | —1·7 | 80·1 | +10·1 | 48·0 | +2·5 | 89·5 | +7·5 | 59·6 | +4·4 | 92·8 | —2·1 | 64·2 | —2·1 | 100·0 | +1·3 | 72·7 | —2·0 |
| 16. Sind . . | 75·1 | +0·1 | 50·2 | —0·5 | 80·7 | +1·9 | 53·6 | —1·0 | 92·3 | +3·9 | 65·4 | +2·1 | 98·5 | +2·9 | 73·9 | +2·0 | 102·0 | —0·8 | 79·3 | +1·0 | 102·2 | —0·8 | 83·2 | +0·4 |
| 17. Rajputana, West | 77·4 | ? | 48·3 | ? | 83·5 | +5·6 | 51·1 | —1·7 | 97·7 | +7·8 | 65·4 | +2·1 | 105·2 | +4·7 | 76·7 | +2·9 | 108·7 | +1·7 | 82·1 | +0·5 | 107·3 | +1·5 | 84·9 | +0·9 |
| 18. Rajputana, East | 76·3 | +1·6 | 48·1 | 0 | 82·6 | +3·6 | 50·4 | —1·6 | 96·3 | +5·9 | 65·4 | +3·0 | 103·6 | +3·5 | 76·7 | +3·7 | 108·0 | +1·6 | 82·4 | +1·1 | 105·3 | +1·6 | 85·1 | +1·8 |
| 19. Gujarat . . | 84·1 | +1·6 | 54·0 | +0·1 | 87·2 | +2·5 | 56·6 | —1·1 | 96·5 | +4·3 | 66·6 | +1·2 | 100·4 | +2·5 | 73·4 | +0·9 | 100·7 | +1·1 | 78·0 | +0·2 | 97·9 | +1·7 | 81·6 | +1·4 |
| 20 Central India, West. | 80·0 | +1·7 | 49·5 | +0·4 | 84·7 | +3·0 | 50·5 | —1·3 | 97·2 | +5·5 | 62·9 | +2·1 | 103·2 | +3·3 | 72·5 | +2·1 | 105·1 | +1·7 | 77·5 | +0·7 | 98·2 | +1·2 | 77·7 | +1·0 |
| 21. Central India, East. | 76·3 | +1·9 | 49·5 | +1·9 | 80·1 | +1·0 | 51·5 | —0·6 | 95·9 | +4·7 | 62·3 | +1·3 | 105·3 | +3·7 | 74·5 | +3·1 | 110·9 | +4·4 | 82·3 | +2·5 | 102·3 | +0·9 | 82·9 | +0·4 |
| 22. Berar . . | 88·0 | +4·1 | 59·5 | +2·5 | 91·2 | +2·5 | 59·8 | —0·5 | 102·1 | +5·3 | 70·2 | +2·0 | 106·4 | +3·0 | 78·9 | +3·1 | 108·5 | +2·7 | 81·0 | +1·3 | 94·9 | —1·5 | 75·6 | —0·6 |
| 23. Central Provinces, West. | 82·6 | +2·3 | 53·5 | +1·5 | 86·5 | +1·7 | 54·0 | —1·4 | 99·2 | +4·7 | 65·5 | +1·4 | 105·3 | +2·6 | 75·5 | +2·3 | 109·3 | +2·9 | 82·0 | +2·3 | 96·3 | —1·9 | 77·5 | —1·0 |
| 24. Central Provinces, East. | 83·1 | +1·8 | 54·1 | +0·7 | 86·8 | +1·2 | 56·1 | —1·5 | 99·3 | +5·3 | 67·5 | +2·8 | 103·6 | +1·4 | 76·7 | +2·7 | 110·6 | +4·8 | 83·6 | +4·0 | 94·8 | —1·7 | 77·8 | —0·1 |
| 25. Konkan . . | 87·0 | +1·8 | 67·9 | +0·5 | 85·5 | +0·5 | 68·6 | +0·3 | 88·2 | +1·3 | 74·3 | +1·1 | 90·5 | +1·2 | 79·1 | +1·3 | 91·7 | +1·3 | 81·4 | +1·1 | 86·9 | +0·2 | 78·1 | +0·4 |
| 26. Bombay Deccan | 88·5 | +2·8 | 56·7 | +0·9 | 91·3 | +1·0 | 57·1 | —1·4 | 100·0 | + 3·1 | 65·0 | —0·1 | 102·2 | +1·3 | 72·1 | +0·9 | 103·1 | +2·4 | 72·9 | —0·1 | 92·0 | +1·1 | 72·5 | +0·3 |
| 27. Hyderabad, North | 88·9 | +3·5 | 58·1 | +2·3 | 92·4 | +2·9 | 60·1 | —1·1 | 102·8 | +5·5 | 69·1 | +2·1 | 105·3 | +2·5 | 77·9 | +3·1 | 109·4 | +4·2 | 80·1 | +1·9 | 95·1 | —0·7 | 74·6 | —0·4 |
| 28. Hyderabad, South | 88·5 | +2·2 | 62·6 | +0·9 | 92·5 | +1·3 | 64·7 | —0·9 | 101·8 | +3·6 | 72·3 | +0·7 | 102·7 | +0·5 | 77·4 | +0·3 | 109·5 | +5·3 | 82·6 | +2·4 | 95·9 | +0·1 | 75·9 | —0·3 |
| 29. Mysore . . | 84·4 | +1·4 | 61·1 | +2·3 | 88·2 | +0·4 | 61·5 | —0·3 | 94·6 | +1·9 | 65·7 | —0·3 | 92·2 | —2·0 | 69·7 | +0·1 | 93·6 | +2·0 | 69·7 | +0·3 | 85·2 | +1·1 | 68·1 | +0·3 |
| 30. Malabar . . | 87·8 | +0·5 | 73·0 | +2·2 | 87·7 | —0·4 | 73·2 | +0·1 | 90·5 | +1·1 | 77·2 | +1·3 | 89·9 | —0·6 | 78·0 | —0·2 | 89·9 | +0·3 | 78·9 | +0·9 | 85·2 | +0·7 | 75·5 | +0·6 |
| 31. Madras, South-east. | 84·6 | —1·0 | 70·4 | +2·8 | 87·9 | —1·6 | 67·6 | —1·9 | 93·7 | +0·1 | 72·8 | +0·3 | 95·1 | —1·6 | 77·2 | 0 | 101·1 | +2·8 | 80·2 | +1·6 | 97·4 | +1·4 | 78·7 | +0·8 |
| 32. Madras, Deccan. | 90·0 | +1·4 | 64·8 | +2·4 | 94·5 | +0·1 | 66·1 | —0·6 | 102·9 | +1·8 | 72·4 | —0·4 | 102·2 | —2·2 | 78·5 | —0·3 | 107·7 | +3·0 | 82·6 | +1·9 | 97·7 | +0·4 | 78·1 | +0·3 |
| 33. Do., Coast, North. | 82·1 | —0·2 | 66·9 | +1·6 | 85·8 | —0·4 | 68·3 | —0·7 | 91·3 | +1·0 | 73·3 | —0·1 | 92·1 | —1·4 | 78·1 | +0·4 | 99·5 | +2·9 | 83·6 | +2·4 | 96·7 | +1·8 | 81·8 | +1·0 |

*with their departures from normal in the 33 sub-divisions of India.*

| July. | | | | August. | | | | September. | | | | October. | | | | November. | | | | December. | | | | Year. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | |
| Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. |
| 84·3 | —0·9 | 77·5 | +0·3 | 84·1 | —0·7 | 76·8 | —0·4 | 83·3 | —1·3 | 75·9 | —0·7 | 85·2 | —0·9 | 76·7 | —0·4 | 85·0 | —1·6 | 75·8 | —1·2 | 84·7 | —1·1 | 76·9 | —0·4 | 85·7 | —0·9 | 77·2 | +0·1 |
| 85·0 | +0·7 | 75·4 | +0·1 | 84·0 | —0·5 | 75·0 | —0·2 | 84·5 | —0·8 | 75·1 | —0·4 | 86·7 | —0·2 | 74·9 | —0·4 | 85·6 | —0·5 | 70·5 | —1·7 | 84·4 | +0·1 | 65·9 | —1·5 | 87·0 | +0·3 | 72·5 | —0·3 |
| 91·0 | +0·9 | 75·6 | +0·4 | 89·5 | +0·4 | 75·3 | —0·2 | 89·8 | —0·2 | 74·7 | +0·5 | 84·8 | —3·9 | 69·9 | —2·1 | 81·8 | —1·5 | 62·7 | —0·4 | 78·9 | —0·2 | 53·8 | —1·7 | 88·6 | +0·1 | 67·8 | 0 |
| 88·0 | —0·9 | 76·9 | —0·3 | 88·9 | +0·4 | 77·5 | +0·3 | 88·3 | —0·2 | 76·1 | —0·2 | 83·3 | —3·2 | 69·2 | —1·4 | 81·3 | —0·2 | 61·1 | +0·1 | 75·6 | —0·1 | 53·3 | +1·9 | 83·2 | —0·6 | 66·7 | +0·3 |
| 88·3 | +0·2 | 78·4 | 0 | 87·5 | —0·1 | 78·3 | +0·2 | 88·1 | —0·1 | 77·6 | —0·1 | 85·4 | —2·0 | 72·2 | —1·5 | 82·9 | —0·2 | 62·4 | —1·1 | 79·0 | +1·3 | 56·3 | +0·9 | 86·2 | —0·1 | 70·0 | +0·5 |
| 89·7 | +1·2 | 78·1 | +0·4 | 87·6 | —0·3 | 77·4 | —0·6 | 88·2 | —0·6 | 76·7 | —0·7 | 87·5 | —1·8 | 71·5 | —1·4 | 84·1 | —0·4 | 59·3 | —3·3 | 82·1 | +1·7 | 56·9 | +0·5 | 90·0 | +0·6 | 70·8 | —0·5 |
| 90·2 | +1·1 | 76·8 | +0·5 | 86·4 | —1·3 | 75·6 | —0·1 | 88·0 | —0·3 | 74·7 | —0·1 | 86·8 | —0·7 | 66·3 | —1·7 | 81·0 | —0·8 | 54·7 | —3·0 | 79·6 | +3·2 | 51·8 | +1·4 | 89·9 | +1·7 | 67·4 | +0·7 |
| 92·1 | +1·5 | 79·4 | +0·6 | 88·5 | —0·8 | 78·5 | —0·1 | 88·6 | —1·0 | 77·9 | —0·1 | 87·3 | —1·3 | 69·9 | —1·5 | 81·9 | —0·7 | 57·9 | —2·3 | 77·2 | +1·7 | 52·8 | +1·5 | 88·8 | +1·0 | 68·5 | +0·7 |
| 94·9 | +2·6 | 80·1 | +0·7 | 87·9 | —2·0 | 77·9 | —0·6 | 89·4 | —1·8 | 76·7 | —0·3 | 89·5 | —0·9 | 66·4 | —1·1 | 82·5 | —0·6 | 54·1 | —1·6 | 77·5 | +2·4 | 50·7 | +2·7 | 90·6 | +1·5 | 67·7 | +1·3 |
| 97·0 | +4·0 | 81·4 | +1·9 | 87·8 | —2·5 | 77·9 | —0·1 | 88·2 | —3·6 | 75·5 | —0·1 | 88·2 | —4·2 | 65·1 | 0 | 82·1 | —1·8 | 53·5 | —0·1 | 76·5 | +2·0 | 50·5 | +3·8 | 89·6 | +0·7 | 67·6 | +1·3 |
| 101·0 | +3·8 | 80·7 | +2·3 | 93·4 | —1·6 | 76·5 | —2·3 | 94·5 | —0·4 | 73·7 | +0·4 | 88·4 | —4·3 | 62·6 | +2·0 | 81·0 | —0·9 | 50·7 | +1·2 | 70·9 | —0·1 | 48·3 | +6·1 | 90·3 | +2·2 | 64·9 | +2·1 |
| 104·5 | +0·5 | 83·3 | —0·3 | 96·5 | —4·7 | 79·7 | —2·1 | 98·7 | —0·9 | 77·3 | +2·6 | 91·0 | —4·3 | 64·7 | +1·2 | 83·5 | —0·5 | 52·9 | +3·6 | 69·7 | —2·9 | 48·1 | +6·6 | 92·2 | +1·3 | 65·4 | +1·4 |
| 84·3 | +0·2 | 59·1 | —1·0 | 81·1 | —2·5 | 60·6 | +0·9 | 77·5 | +0·8 | 53·0 | +1·3 | 61·1 | —4·4 | 36·3 | —2·2 | 51·6 | —2·7 | 27·0 | —1·4 | 41·5 | —1·6 | 26·2 | +3·4 | 64·4 | —1·0 | 42·5 | +0·7 |
| 107·9 | +5·1 | 82·7 | +1·9 | 97·9 | —5·6 | 79·5 | —1·5 | 98·8 | —1·7 | 76·9 | +4·1 | 87·9 | —3·1 | 62·6 | +3·1 | 78·3 | —1·6 | 50·3 | +3·1 | 64·8 | —4·9 | 46·1 | +6·3 | 90·3 | +2·6 | 63·9 | +3·1 |
| 100·5 | +0·9 | 76·5 | +1·6 | 96·0 | —1·4 | 70·6 | —1·1 | 94·2 | +2·9 | 65·0 | +2·9 | 84·8 | +0·5 | 54·5 | +1·7 | 73·7 | —0·3 | 47·1 | +2·8 | 60·3 | —2·5 | 39·9 | +2·5 | 82·3 | +1·5 | 56·2 | +0·7 |
| 97·8 | +0·5 | 83·1 | +0·7 | 92·3 | —3·1 | 80·0 | +0·5 | 93·7 | —0·7 | 78·5 | +1·7 | 91·9 | —2·7 | 70·2 | +1·4 | 86·2 | —0·9 | 62·0 | +2·9 | 74·1 | —3·8 | 55·7 | +3·6 | 90·6 | —0·5 | 69·6 | +1·3 |
| 101·9 | +2·5 | 82·1 | +0·3 | 93·9 | —2·0 | 78·1 | —0·6 | 96·3 | —0·3 | 76·1 | —1·1 | 96·1 | —0·8 | 68·6 | +0·9 | 88·9 | 0 | 58·7 | +0·8 | 79·5 | +1·5 | 53·2 | +2·2 | 94·7 | +2·4 | 68·8 | +0·5 |
| 98·3 | +4·6 | 81·4 | +2·4 | 87·9 | —2·1 | 76·9 | —0·1 | 88·3 | —3·7 | 74·2 | +0·1 | 92·2 | —1·9 | 66·9 | —0·5 | 86·0 | —0·3 | 55·6 | —0·5 | 80·1 | +2·5 | 52·6 | +2·9 | 92·1 | +1·4 | 68·0 | +1·0 |
| 91·9 | +1·9 | 79·3 | +0·8 | 87·7 | 0 | 77·0 | +0·3 | 86·6 | —3·2 | 75·4 | +0·3 | 92·9 | —1·0 | 70·7 | +0·1 | 90·4 | +0·1 | 62·6 | —0·5 | 85·1 | +0·7 | 59·1 | +2·2 | 91·8 | +1·0 | 69·7 | +0·5 |
| 91·1 | +4·6 | 75·9 | +2·3 | 83·5 | —0·2 | 72·5 | +0·5 | 82·5 | —4·0 | 70·8 | +0·3 | 89·3 | —0·5 | 63·3 | —0·5 | 84·5 | +0·2 | 53·5 | —1·0 | 82·3 | +3·3 | 51·7 | +2·3 | 90·1 | +1·7 | 64·9 | +0·8 |
| 94·0 | +4·5 | 79·9 | +1·9 | 84·8 | —2·1 | 76·3 | —0·3 | 86·1 | —2·9 | 74·7 | —0·1 | 88·5 | —0·5 | 64·1 | —1·3 | 81·2 | —0·7 | 51·1 | —2·5 | 78·4 | +3·1 | 49·5 | +2·5 | 90·3 | +1·5 | 66·5 | +0·7 |
| 88·3 | +1·3 | 74·2 | +1·4 | 85·3 | +0·3 | 72·8 | +0·9 | 84·9 | —2·1 | 71·3 | —0·2 | 90·7 | +1·1 | 67·3 | —0·1 | 86·1 | +0·9 | 58·8 | —1·7 | 85·5 | +3·4 | 57·6 | +2·0 | 92·7 | +1·8 | 68·9 | +0·9 |
| 89·4 | +2·7 | 75·6 | +1·1 | 83·9 | —1·0 | 73·3 | —0·2 | 84·6 | —2·7 | 71·9 | —0·5 | 89·9 | +1·3 | 64·6 | —0·9 | 84·1 | 0 | 53·8 | —2·9 | 83·0 | +3·6 | 53·0 | +2·1 | 91·2 | +1·4 | 66·7 | +0·3 |
| 86·7 | +0·8 | 74·5 | +0·5 | 84·3 | —0·8 | 73·6 | +0·2 | 84·9 | —1·8 | 72·7 | —0·1 | 86·8 | —0·1 | 66·1 | —1·2 | 81·5 | —0·9 | 53·9 | —3·4 | 81·3 | +2·2 | 52·5 | +1·4 | 90·3 | +1·1 | 67·4 | +0·5 |
| 83·1 | —0·7 | 75·9 | —0·3 | 83·1 | —0·3 | 75·9 | +0·2 | 83·2 | —0·4 | 75·0 | —0·1 | 87·7 | +0·9 | 75·0 | +0·1 | 87·4 | +0·5 | 70·9 | —0·3 | 86·6 | +1·0 | 68·6 | +0·4 | 86·7 | +0·4 | 74·2 | +0·3 |
| 85·4 | +0·7 | 71·0 | +0·3 | 84·3 | +0·2 | 69·7 | +0·1 | 84·7 | —0·7 | 68·1 | —0·6 | 88·7 | +0·1 | 66·1 | —0·5 | 84·4 | —1·6 | 57·6 | —1·9 | 84·6 | +0·5 | 54·8 | —0·4 | 90·8 | +1·0 | 65·4 | —0.1 |
| 87·6 | +0·1 | 72·7 | +0·5 | 85·5 | —0·1 | 71·3 | +0·3 | 86·4 | —0·1 | 70·1 | —0·5 | 88·9 | +0·2 | 65·9 | —0·1 | 84·7 | —1·1 | 56·7 | —2·2 | 84·7 | +1·3 | 54·7 | +0·6 | 92·7 | +1·5 | 67·6 | +0·6 |
| 88·4 | —0·5 | 73·6 | +0·1 | 88·7 | +1·1 | 73·1 | +0·3 | 88·9 | +1·5 | 72·3 | —0·3 | 88·7 | —0·9 | 69·3 | —1·0 | 83·5 | —2·6 | 61·3 | —2·6 | 83·8 | —0·2 | 59·6 | —0·6 | 92·7 | +0·9 | 70·4 | —0·1 |
| 81·8 | +0·9 | 67·3 | +0·6 | 81·4 | —0·1 | 66·8 | +0·5 | 82·0 | —0·5 | 65·3 | —0·5 | 83·2 | —0·1 | 66·0 | 0 | 80·6 | —0·8 | 61·1 | —1·4 | 80·9 | +0·5 | 58·4 | —0·5 | 85·7 | +0·4 | 65·1 | +0·1 |
| 82·5 | —0·3 | 74·3 | +0·3 | 82·1 | —1·1 | 73·9 | —0·4 | 83·7 | —0·1 | 74·5 | +0·2 | 85·7 | +0·4 | 75·1 | +0·5 | 86·7 | +0·3 | 73·4 | —0·3 | 87·3 | +0·3 | 70·9 | —0·8 | 86·6 | +0·1 | 74·8 | +0·3 |
| 92·5 | —1·4 | 76·5 | —0·2 | 92·9 | —0·3 | 76·0 | +0·2 | 92·0 | —0·3 | 75·5 | +0·2 | 88·3 | —1·1 | 74·4 | +0·4 | 85·8 | —0·3 | 70·6 | —1·4 | 84·4 | 0 | 68·7 | —0·3 | 91·3 | —0·3 | 74·1 | +0·2 |
| 92·1 | —1·7 | 76·3 | +0·4 | 93·0 | +1·3 | 75·8 | +1·0 | 92·2 | +1·1 | 75·0 | +0·9 | 89·8 | —2·1 | 72·0 | —0·7 | 86·2 | —1·9 | 65·2 | —1·2 | 85·9 | —0·6 | 62·3 | —0·3 | 94·5 | +0·2 | 72·3 | +0·3 |
| 90·3 | —1·1 | 79·0 | +0·1 | 91·1 | +0·7 | 79·1 | +0·8 | 89·4 | —0·9 | 77·6 | —0·2 | 86·5 | —2·1 | 75·2 | —0·2 | 84·2 | —1·0 | 67·2 | —2·6 | 82·2 | +0·8 | 64·9 | —0·6 | 89·3 | +0·3 | 74·5 | —0·5 |

The departures from normal of the mean monthly and annual temperatures of the air and of the ground for Lahore, Jaipur, Calcutta and Bombay are given in the table below. The thermometer at Alipore has been exposed in a new site since 24th November 1915, as in the old site the bulb was in the shade of the branches of a tree. The departures in the table are based on averages based on 40 years which include the low temperatures recorded in the old site. As this is misleading, the monthly departures from the averages of the six years 1916 to 1921 are given here: these are —5·7, —4·6, +2·2, —2·0, +8·4, +1·0, —1·3, —0·7, —1·0, +2·6, +6·0 and +5·3.

TABLE 6.—*Departures from normal of the mean monthly and annual temperatures of the air and of the ground in 1921.*

| Station. | | Jan. | Feb. | March. | April. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. | Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| Lahore | Air | +1·4 | +2·9 | +6·1 | +6·8 | +4·6 | +1·8 | +2·8 | —0·1 | +0·2 | —0·3 | +1·3 | +3·5 | +2·6 |
| | Surface | +3·7 | +4·9 | +7·3 | +6·1 | +3·1 | —0·9 | —1·1 | 0 | +0·4 | +2·1 | +5·0 | +6·1 | +3·1 |
| Jaipur | Air | +0·9 | +1·1 | +4·2 | +2·3 | +1·1 | +3·6 | +0·8 | —1·0 | —2·1 | —0·9 | —0·4 | +2·6 | +1·0 |
| | Surface | —1·0 | —0·1 | +0·8 | —1·7 | 0 | +3·4 | +3·6 | —7·2 | —11·2 | —5·5 | +1·0 | +4·2 | —1·1 |
| Calcutta (Alipore) | Air | +1·9 | +1·1 | +2·6 | —0·4 | +3·2 | +0·4 | +0·7 | +0·4 | +0·5 | —0·6 | —0·2 | +1·9 | +1·0 |
| | Surface | +10·7 | +13·7 | +18·4 | +5·7 | +15·2 | +3·4 | +2·6 | +2·0 | +2·9 | +11·4 | +20·3 | +23·4 | +10·8 |
| Bombay | Air | +0·6 | +0·9 | +1·4 | +1·8 | +1·3 | +1·1 | —0·5 | 0 | —0·2 | +1·3 | +0·2 | +0·8 | +0·7 |
| | 1 inch deep | +0·5 | +0·8 | +1·6 | +1·9 | +1·7 | +1·2 | +0·4 | +0·4 | +0·1 | +1·0 | 0 | +0·6 | +0·8 |
| | 9 inches deep | +1·6 | +1·4 | +2·2 | +2·8 | +2·8 | +2·4 | +2·1 | +1·9 | +1·8 | +2·3 | +1·4 | +1·9 | +2·0 |
| | 1 foot 8 inches deep | +2·3 | +2·4 | +3·0 | +3·7 | +4·4 | +3·2 | +2·7 | +2·7 | +2·6 | +2·7 | +2·1 | +2·5 | +2·9 |
| | 5 feet deep | +2·2 | +2·3 | +2·5 | +2·7 | +3·3 | +2·6 | +2·2 | +2·2 | +2·1 | +1·8 | +1·7 | +1·7 | +2·2 |
| | 11 feet deep | +1·9 | +1·9 | +2·0 | +2·0 | +2·0 | +1·3 | +1·0 | +1·4 | +1·2 | +1·0 | +0·9 | +1·0 | +1·5 |

## Winds.

The monthly mean velocities and directions at different heights above Agra, Simla, Lahore, Peshawar, Quetta, Bangalore, Akyab and Calcutta are given in the following table :—

TABLE 7.—*Monthly means of direction and velocity of upper winds, January 1921.*

| Height above sea Kms. | AGRA. Height above sea 0·17 Km. | | | | SIMLA. Height above sea 2·13 Kms. | | | | LAHORE. Height above sea 0·21 Km. | | | | BANGALORE. Height above sea 0·92 Km. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level. | 33 | 2·3 | 0·9 | 329 | 22 | 2·7 | 0·6 | 139 | 31 | 0·3 | 0·2 | 114 | 24 | 4·2 | 3·6 | 79 |
| 0·5 | 29 | 7·4 | 3·1 | 9 | .. | .. | .. | .. | 30 | 4·3 | 2·4 | 333 | .. | .. | .. | .. |
| 1·0 | 30 | 6·4 | 2·6 | 307 | .. | .. | .. | .. | 31 | 4·1 | 1·2 | 313 | 24 | 4·9 | 4·3 | 81 |
| 1·5 | 32 | 6·7 | 3·7 | 291 | .. | .. | .. | .. | 30 | 4·3 | 0·9 | 288 | 24 | 7·8 | 7·3 | 77 |
| 2·0 | 32 | 8·4 | 5·2 | 273 | .. | .. | .. | .. | 28 | 4·6 | 1·0 | 270 | 24 | 8·3 | 7·3 | 75 |
| 2·5 | 32 | 10·3 | 7·7 | 267 | 21 | 5·4 | 0·3 | 131 | 28 | 5·6 | 2·1 | 247 | 24 | 8·3 | 7·1 | 71 |
| 3·0 | 31 | 13·0 | 10·3 | 267 | 21 | 6·1 | 1·1 | 147 | 27 | 6·5 | 3·7 | 263 | 22 | 7·7 | 6·2 | 74 |
| 3·5 | 28 | 14·9 | 12·3 | 268 | 22 | 8·1 | 1·0 | 192 | 26 | 7·6 | 4·8 | 268 | 21 | 7·7 | 5·9 | 77 |
| 4·0 | 27 | 18·3 | 15·3 | 269 | 21 | 9·9 | 3·1 | 235 | 25 | 9·1 | 6·5 | 273 | 20 | 7·7 | 4·7 | 65 |
| 4·5 | 25 | 21·9 | 18·1 | 273 | 16 | 11·5 | 4·7 | 254 | 25 | 11·8 | 9·1 | 274 | 20 | 8·0 | 4·9 | 46 |
| 5·0 | 23 | 24·4 | 20·9 | 277 | 13 | 13·5 | 8·9 | 276 | 22 | 13·8 | 11·1 | 274 | 19 | 7·9 | 4·9 | 54 |
| 5·5 | 19 | 27·1 | 22·3 | 272 | 13 | 17·2 | 13·5 | 271 | 21 | 14·8 | 12·2 | 272 | 16 | 8·5 | 5·4 | 59 |
| 6·0 | 16 | 27·2 | 24·5 | 278 | 8 | 17·7 | 14·3 | 281 | 21 | 17·1 | 14·1 | 269 | 16 | 8·9 | 5·4 | 54 |
| 6·5 | 14 | 28·5 | 25·9 | 277 | 6 | 17·6 | 13·9 | 279 | 19 | 20·7 | 17·9 | 276 | 16 | 8·7 | 5·1 | 47 |
| 7·0 | 9 | 29·2 | 27·5 | 273 | 6 | 20·0 | 15·4 | 278 | 15 | 21·5 | 18·8 | 275 | 15 | 8·1 | 4·7 | 48 |
| 7·5 | 7 | 31·2 | 30·2 | 271 | 5 | 21·4 | 17·1 | 267 | 12 | 24·3 | 21·5 | 279 | 14 | 8·2 | 4·7 | 41 |
| 8·0 | 4 | 31·4 | 29·3 | 271 | 4 | 30·1 | 26·0 | 273 | 9 | 26·5 | 23·8 | 284 | 14 | 8·0 | 4·5 | 22 |
| 8·5 | 1 | 35·0 | 35·0 | 300 | 3 | 27·8 | 25·6 | 246 | 6 | 24·3 | 20·7 | 283 | 13 | 8·4 | 3·6 | 18 |
| 9·0 | 1 | 36·5 | 36·5 | 295 | 2 | 28·0 | 26·1 | 249 | 4 | 23·3 | 18·5 | 273 | 11 | 7·9 | 4·3 | 35 |
| 9·5 | .. | .. | .. | .. | 1 | 21·0 | 21·0 | 280 | 3 | 29·2 | 22·9 | 269 | 10 | 7·7 | 3·8 | 15 |
| 10·0 | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 31·0 | 24·2 | 273 | 8 | 6·9 | 3·7 | 42 |
| 10·5 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 36·5 | 25·9 | 282 | 6 | 6·3 | 4·0 | 93 |
| 11·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 4·9 | 1·8 | 135 |
| 11·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 5·2 | 1·5 | 191 |
| 12·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 4·5 | 4·6 | 243 |
| 12·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 4·0 | 4·0 | 275 |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 7—*contd.*—*Monthly means of direction and velocity of upper winds, February 1921.*

| Height above sea Kms. | AGRA. Height above sea 0·17 Km. | | | | SIMLA. Height above sea 2·13 Kms. | | | | LAHORE. Height above sea 0·21 Km. | | | | BANGALORE. Height above sea 0·92 Km. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level. | 30 | 2·1 | 0·9 | 281 | 26 | 2·7 | 0·7 | 34 | 28 | 0·6 | 0·2 | 9 | 28 | 3·1 | 2·3 | 103 |
| 0·5 | 30 | 8·0 | 3·6 | 333 | .. | .. | .. | .. | 27 | 6·2 | 3·5 | 336 | .. | .. | .. | .. |
| 1·0 | 30 | 7·3 | 6·1 | 309 | .. | .. | .. | .. | 27 | 5·6 | 3·3 | 321 | 28 | 4·1 | 3·1 | 111 |
| 1·5 | 29 | 7·8 | 7·0 | 308 | .. | .. | .. | .. | 27 | 5·4 | 3·4 | 317 | 28 | 5·8 | 4·9 | 79 |
| 2·0 | 28 | 8·5 | 7·7 | 304 | .. | .. | .. | .. | 26 | 5·5 | 4·3 | 308 | 28 | 6·3 | 5·9 | 45 |
| 2·5 | 27 | 8·8 | 7·7 | 302 | 25 | 5·7 | 1·0 | 321 | 26 | 5·9 | 4·4 | 301 | 28 | 6·2 | 5·2 | 43 |
| 3·0 | 27 | 9·8 | 8·5 | 295 | 25 | 6·0 | 1·7 | 281 | 26 | 6·6 | 4·8 | 291 | 28 | 5·6 | 4·1 | 64 |
| 3·5 | 26 | 12·0 | 10·4 | 293 | 26 | 6·8 | 3·0 | 281 | 26 | 7·6 | 5·6 | 281 | 28 | 5·7 | 3·9 | 73 |
| 4·0 | 26 | 14·6 | 13·1 | 288 | 23 | 7·3 | 4·9 | 294 | 23 | 9·8 | 7·6 | 278 | 27 | 6·0 | 4·0 | 84 |
| 4·5 | 24 | 17·3 | 15·6 | 287 | 22 | 9·6 | 7·8 | 284 | 21 | 12·6 | 11·5 | 282 | 27 | 7·0 | 5·1 | 80 |
| 5·0 | 24 | 20·0 | 18·1 | 283 | 18 | 13·5 | 11·8 | 283 | 21 | 15·3 | 14·3 | 281 | 27 | 7·6 | 6·1 | 68 |
| 5·5 | 23 | 23·4 | 21·2 | 284 | 14 | 17·5 | 16·3 | 274 | 19 | 18·9 | 17·4 | 283 | 25 | 7·8 | 5·3 | 67 |
| 6·0 | 20 | 25·0 | 22·7 | 283 | 12 | 23·6 | 22·1 | 273 | 19 | 22·6 | 21·0 | 283 | 24 | 8·3 | 5·6 | 64 |
| 6·5 | 15 | 25·6 | 23·9 | 279 | 10 | 28·2 | 26·6 | 268 | 16 | 24·8 | 23·3 | 281 | 23 | 8·5 | 6·2 | 53 |
| 7·0 | 13 | 28·0 | 25·9 | 279 | 8 | 31·8 | 29·7 | 271 | 13 | 25·4 | 23·0 | 279 | 22 | 7·5 | 5·6 | 43 |
| 7·5 | 11 | 31·0 | 28·6 | 282 | 4 | 31·1 | 29·1 | 264 | 11 | 29·2 | 27·2 | 277 | 19 | 6·4 | 3·7 | 54 |
| 8·0 | 8 | 32·8 | 30·6 | 281 | 3 | 35·8 | 33·0 | 272 | 6 | 33·0 | 31·7 | 272 | 18 | 6·8 | 2·4 | 61 |
| 8·5 | 7 | 34·9 | 32·5 | 282 | 2 | 37·5 | 35·7 | 288 | 4 | 32·5 | 31·3 | 280 | 16 | 6·1 | 1·0 | 355 |
| 9·0 | 5 | 39·1 | 37·7 | 272 | 2 | 38·7 | 36·5 | 286 | 2 | 39·0 | 38·4 | 286 | 15 | 6·1 | 1·9 | 307 |
| 9·5 | 1 | 25·5 | 25·5 | 300 | .. | .. | .. | .. | 1 | 42·0 | 42·0 | 295 | 14 | 6·9 | 2·6 | 265 |
| 10·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 7·7 | 3·4 | 248 |
| 10·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 7·9 | 4·5 | 223 |
| 11·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 7·5 | 5·5 | 208 |
| 11·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | 8·1 | 5·9 | 194 |
| 12·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 9·6 | 7·4 | 173 |
| 12·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 9·5 | 8·5 | 199 |
| 13·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 12·7 | 12·1 | 209 |
| 13·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 12·2 | 11·4 | 209 |
| 14·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 12·5 | 11·3 | 210 |
| 14·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 14·0 | 14·0 | 175 |
| 15·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 15·0 | 15·0 | 175 |
| 15·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 18·0 | 18·0 | 175 |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 7—*contd.*—*Monthly means of direction and velocity of upper winds, March 1921.*

| Height above sea Kms. | AGRA. | | | | SIMLA. | | | | LAHORE. | | | | BANGALORE. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Height above sea 0·17 Km. | | | | Height above sea 2·13 Kms. | | | | Height above sea 0·21 Km. | | | | Height above sea 0·92 Km. | | | |
| | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level. | 31 | 2·6 | 0·3 | 233 | 30 | 3·1 | 0·6 | 65 | 30 | 1·5 | 0·4 | 136 | 31 | 2·5 | 0·9 | 164 |
| 0·5 | 31 | 8·9 | 2·5 | 312 | .. | .. | .. | .. | 29 | 7·5 | 0·4 | 27 | .. | .. | .. | .. |
| 1·0 | 30 | 6·7 | 5·2 | 310 | .. | .. | .. | .. | 29 | 7·1 | 2·8 | 326 | 31 | 3·2 | 2·0 | 164 |
| 1·5 | 30 | 8·0 | 6·7 | 306 | .. | .. | .. | .. | 28 | 6·8 | 3·9 | 307 | 31 | 5·9 | 4·4 | 107 |
| 2·0 | 30 | 9·7 | 8·0 | 300 | .. | .. | .. | .. | 27 | 7·5 | 4·9 | 307 | 31 | 8·5 | 7·6 | 77 |
| 2·5 | 29 | 11·4 | 9·4 | 296 | 30 | 8·3 | 4·3 | 312 | 27 | 8·6 | 6·3 | 303 | 31 | 10·3 | 9·7 | 66 |
| 3·0 | 25 | 12·4 | 9·7 | 288 | 28 | 8·6 | 5·4 | 300 | 26 | 8·6 | 6·2 | 301 | 30 | 11·4 | 10·8 | 62 |
| 3·5 | 25 | 13·3 | 10·8 | 281 | 23 | 9·8 | 6·7 | 313 | 25 | 9·1 | 6·4 | 294 | 29 | 12·8 | 11·9 | 60 |
| 4·0 | 24 | 14·1 | 11·6 | 274 | 21 | 10·6 | 7·4 | 305 | 24 | 10·3 | 8·3 | 292 | 28 | 12·9 | 11·8 | 60 |
| 4·5 | 21 | 16·0 | 14·0 | 269 | 19 | 11·5 | 8·0 | 294 | 23 | 12·2 | 10·4 | 289 | 26 | 11·7 | 10·4 | 67 |
| 5·0 | 18 | 17·7 | 15·9 | 270 | 14 | 11·7 | 9·5 | 291 | 21 | 13·9 | 12·1 | 285 | 25 | 10·5 | 8·8 | 71 |
| 5·5 | 17 | 19·2 | 17·7 | 267 | 13 | 13·1 | 10·7 | 288 | 19 | 14·6 | 13·0 | 283 | 23 | 9·7 | 7·2 | 67 |
| 6·0 | 13 | 17·6 | 16·4 | 265 | 12 | 15·5 | 12·3 | 281 | 17 | 14·3 | 12·8 | 284 | 20 | 9·4 | 5·7 | 61 |
| 6·5 | 11 | 17·7 | 16·1 | 266 | 10 | 17·3 | 14·5 | 270 | 14 | 13·9 | 12·2 | 285 | 17 | 10·7 | 5·3 | 55 |
| 7·0 | 11 | 18·8 | 16·9 | 267 | 9 | 17·9 | 14·8 | 275 | 10 | 9·3 | 7·8 | 273 | 16 | 10·4 | 4·3 | 23 |
| 7·5 | 6 | 14·3 | 13·6 | 286 | 7 | 14·6 | 11·5 | 263 | 10 | 10·2 | 8·2 | 279 | 14 | 10·9 | 5·6 | 342 |
| 8·0 | 6 | 15·7 | 15·1 | 283 | 6 | 15·0 | 11·2 | 264 | 10 | 11·2 | 9·3 | 284 | 13 | 11·4 | 5·0 | 331 |
| 8·5 | 5 | 18·2 | 17·8 | 271 | 5 | 14·0 | 10·4 | 255 | 10 | 12·0 | 10·0 | 285 | 12 | 11·5 | 5·3 | 346 |
| 9·0 | 3 | 14·2 | 13·9 | 264 | 5 | 15·9 | 11·9 | 257 | 7 | 12·9 | 11·6 | 276 | 10 | 11·5 | 5·4 | 321 |
| 9·5 | 3 | 11·5 | 11·5 | 268 | 5 | 20·2 | 14·5 | 264 | 6 | 13·9 | 12·5 | 265 | 7 | 11·5 | 6·1 | 321 |
| 10·0 | .. | .. | .. | .. | 3 | 18·5 | 14·0 | 291 | 5 | 15·0 | 14·0 | 260 | 3 | 5·8 | 2·3 | 329 |
| 10·5 | .. | .. | .. | .. | 3 | 17·7 | 16·3 | 277 | 4 | 17·7 | 16·1 | 258 | 2 | 6·0 | 3·0 | 171 |
| 11·0 | .. | .. | .. | .. | 3 | 19·8 | 18·5 | 279 | 1 | 15·0 | 15·0 | 245 | 1 | 8·5 | 8·5 | 140 |
| 11·5 | .. | .. | .. | .. | 3 | 23·0 | 21·9 | 273 | 1 | 16·0 | 16·0 | 240 | 1 | 10·0 | 10·0 | 150 |
| 12·0 | .. | .. | .. | .. | 3 | 27·8 | 27·3 | 270 | .. | .. | .. | .. | 1 | 12·0 | 12·0 | 155 |
| 12·5 | .. | .. | .. | .. | 1 | 15·5 | 15·5 | 280 | .. | .. | .. | .. | 1 | 15·0 | 15·0 | 155 |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 7—*contd.*—*Monthly means of direction and velocity of upper winds, April 1921.*

| Height above sea Kms. | AGRA. | | | | SIMLA. | | | | LAHORE. | | | | BANGALORE. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Height above sea 0·17 Km. | | | | Height above sea 2·13 Kms. | | | | Height above sea 0·21 Km. | | | | Height above sea 0·92 Km. | | | |
| | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level. | 30 | 2·2 | 1·0 | 236 | 30 | 1·9 | 0·7 | 50 | 30 | 0·7 | 0·4 | 34 | 24 | 2·3 | 1·3 | 253 |
| 0·5 | 30 | 8·9 | 3·6 | 311 | .. | .. | .. | .. | 30 | 8·2 | 2·6 | 20 | .. | .. | .. | .. |
| 1·0 | 30 | 7·9 | 4·6 | 308 | .. | .. | .. | .. | 30 | 6·8 | 1·4 | 334 | 24 | 3·0 | 1·3 | 261 |
| 1·5 | 29 | 7·5 | 5·4 | 305 | .. | .. | .. | .. | 30 | 6·0 | 1·9 | 308 | 24 | 4·0 | 0·2 | 276 |
| 2·0 | 26 | 8·2 | 7·2 | 297 | .. | .. | .. | .. | 29 | 5·3 | 2·3 | 310 | 24 | 5·7 | 4·0 | 65 |
| 2·5 | 22 | 7·4 | 6·6 | 291 | 30 | 6·1 | 3·0 | 328 | 28 | 6·2 | 3·3 | 298 | 23 | 8·5 | 7·1 | 69 |
| 3·0 | 22 | 7·7 | 6·9 | 286 | 30 | 6·5 | 3·6 | 304 | 27 | 7·1 | 4·0 | 291 | 22 | 9·9 | 8·8 | 64 |
| 3·5 | 21 | 8·0 | 6·7 | 285 | 29 | 6·2 | 3·8 | 295 | 26 | 7·7 | 4·8 | 295 | 19 | 10·3 | 9·1 | 60 |
| 4·0 | 21 | 8·5 | 6·6 | 280 | 28 | 6·7 | 4·2 | 295 | 21 | 7·6 | 5·7 | 294 | 18 | 9·9 | 8·2 | 54 |
| 4·5 | 19 | 8·9 | 7·3 | 277 | 26 | 6·5 | 4·2 | 288 | 20 | 8·1 | 6·1 | 293 | 18 | 8·7 | 6·3 | 61 |
| 5·0 | 19 | 10·4 | 9·1 | 278 | 23 | 6·5 | 4·7 | 283 | 18 | 8·2 | 6·4 | 276 | 15 | 6·2 | 2·5 | 82 |
| 5·5 | 17 | 10·1 | 8·9 | 283 | 22 | 7·5 | 6·0 | 276 | 17 | 9·5 | 7·6 | 268 | 13 | 5·7 | 1·1 | 163 |
| 6·0 | 16 | 11·3 | 10·2 | 281 | 20 | 9·3 | 7·2 | 276 | 15 | 10·5 | 9·1 | 269 | 12 | 6·3 | 1·3 | 193 |
| 6·5 | 15 | 12·1 | 11·3 | 279 | 19 | 10·9 | 8·7 | 277 | 12 | 10·5 | 9·1 | 267 | 12 | 6·6 | 1·4 | 169 |
| 7·0 | 15 | 12·8 | 11·8 | 280 | 17 | 11·1 | 9·5 | 262 | 12 | 11·3 | 10·0 | 269 | 12 | 6·0 | 2·0 | 181 |
| 7·5 | 11 | 12·6 | 11·6 | 277 | 15 | 12·1 | 11·0 | 267 | 10 | 12·4 | 10·8 | 266 | 10 | 5·5 | 3·1 | 256 |
| 8·0 | 9 | 13·2 | 12·5 | 271 | 13 | 12·5 | 11·3 | 261 | 10 | 12·7 | 11·3 | 263 | 10 | 6·5 | 3·9 | 254 |
| 8·5 | 9 | 14·8 | 13·6 | 267 | 13 | 13·0 | 11·8 | 260 | 7 | 12·6 | 11·6 | 272 | 9 | 8·3 | 6·0 | 256 |
| 9·0 | 7 | 14·7 | 13·7 | 279 | 12 | 13·0 | 12·3 | 259 | 7 | 12·7 | 11·4 | 272 | 9 | 9·2 | 6·1 | 243 |
| 9·5 | 6 | 13·7 | 12·5 | 275 | 10 | 13·0 | 11·9 | 265 | 5 | 12·7 | 12·8 | 258 | 7 | 9·6 | 7·9 | 241 |
| 10·0 | 5 | 15·8 | 13·7 | 274 | 8 | 13·1 | 11·8 | 262 | 4 | 14·0 | 13·8 | 257 | 7 | 9·6 | 8·5 | 239 |
| 10·5 | 4 | 14·1 | 11·4 | 271 | 7 | 13·3 | 12·2 | 263 | 3 | 20·3 | 20·0 | 255 | 5 | 11·2 | 9·4 | 248 |
| 11·0 | 2 | 16·7 | 11·3 | 265 | 6 | 15·2 | 13·1 | 260 | 2 | 17·5 | 17·5 | 247 | 5 | 12·2 | 10·1 | 248 |
| 11·5 | 2 | 18·0 | 12·5 | 259 | 5 | 18·3 | 16·2 | 270 | 1 | 15·0 | 15·0 | 270 | 3 | 16·5 | 16·1 | 261 |
| 12·0 | 2 | 18·3 | 15·7 | 265 | 4 | 21·5 | 19·9 | 265 | .. | .. | .. | .. | 1 | 16·0 | 16·0 | 250 |
| 12·5 | 2 | 23·3 | 22·4 | 270 | 1 | 14·5 | 14·5 | 290 | .. | .. | .. | .. | .. | .. | .. | .. |
| 13·0 | 1 | 9·5 | 9·5 | 250 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 13·5 | 1 | 13·5 | 13·5 | 265 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 14·0 | 1 | 19·0 | 19·0 | 280 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 14·5 | 1 | 23·5 | 23·5 | 290 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15·0 | 1 | 29·0 | 29·0 | 280 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 7—contd.—*Monthly means of direction and velocity of upper winds, May 1921.*

| Height above sea Kms. | AGRA. Height above sea 0·17 Km. | | | | SIMLA. Height above sea 2·13 Kms. | | | | LAHORE. Height above sea 0·21 Km. | | | | BANGALORE. Height above sea 0·92 Km. | | | | CALCUTTA. Height above sea 0·01 Km. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level. | 31 | 2·9 | 2·5 | 248 | 31 | 2·1 | 0·6 | 23 | 31 | 0·8 | 0·5 | 104 | 29 | 3·7 | 3·5 | 268 | 19 | 3·5 | 3·1 | 177 |
| 0·5 | 31 | 11·2 | 10·1 | 287 | .. | .. | .. | .. | 31 | 6·7 | 2·4 | 15 | .. | .. | .. | .. | 19 | 10·4 | 9·9 | 197 |
| 1·0 | 31 | 10·8 | 10·2 | 299 | .. | .. | .. | .. | 31 | 6·0 | 1·3 | 331 | 29 | 5·0 | 4·7 | 270 | 18 | 8·6 | 7·6 | 223 |
| 1·5 | 29 | 9·1 | 8·6 | 300 | .. | .. | .. | .. | 31 | 4·8 | 1·5 | 276 | 29 | 6·9 | 6·4 | 307 | 13 | 6·6 | 5·5 | 251 |
| 2·0 | 24 | 7·9 | 7·3 | 289 | .. | .. | .. | .. | 30 | 5·0 | 2·0 | 265 | 29 | 5·7 | 4·9 | 338 | 10 | 6·0 | 5·0 | 281 |
| 2·5 | 22 | 7·8 | 7·1 | 288 | 31 | 5·6 | 2·0 | 317 | 27 | 5·9 | 2·8 | 259 | 28 | 5·0 | 3·8 | 14 | 8 | 6·1 | 5·4 | 306 |
| 3·0 | 20 | 8·3 | 7·3 | 287 | 31 | 5·8 | 3·5 | 293 | 25 | 6·8 | 3·7 | 251 | 27 | 5·3 | 5·0 | 65 | 6 | 7·6 | 7·2 | 323 |
| 3·5 | 17 | 8·3 | 7·5 | 276 | 30 | 6·1 | 4·1 | 289 | 23 | 7·7 | 4·4 | 258 | 25 | 7·3 | 6·9 | 70 | 5 | 8·9 | 8·6 | 320 |
| 4·0 | 13 | 7·1 | 6·4 | 274 | 27 | 6·4 | 3·9 | 270 | 23 | 8·7 | 5·4 | 260 | 25 | 8·8 | 8·1 | 71 | 2 | 10·3 | 10·3 | 300 |
| 4·5 | 12 | 7·7 | 6·6 | 277 | 25 | 7·1 | 4·4 | 267 | 21 | 9·5 | 7·3 | 269 | 25 | 9·4 | 8·5 | 71 | 1 | 10·0 | 10·0 | 285 |
| 5·0 | 10 | 8·5 | 7·2 | 268 | 24 | 8·1 | 5·9 | 269 | 19 | 10·2 | 8·3 | 263 | 25 | 7·5 | 5·9 | 77 | .. | .. | .. | .. |
| 5·5 | 9 | 9·1 | 7·9 | 265 | 22 | 10·1 | 7·7 | 268 | 19 | 12·0 | 9·9 | 263 | 24 | 6·0 | 3·1 | 85 | .. | .. | .. | .. |
| 6·0 | 9 | 10·2 | 9·6 | 269 | 21 | 11·5 | 9·5 | 262 | 17 | 13·3 | 11·3 | 266 | 22 | 5·4 | 1·6 | 58 | .. | .. | .. | .. |
| 6·5 | 9 | 11·3 | 10·8 | 273 | 18 | 12·9 | 10·9 | 259 | 15 | 14·9 | 13·7 | 270 | 21 | 4·6 | 1·8 | 45 | .. | .. | .. | .. |
| 7·0 | 9 | 13·5 | 13·2 | 275 | 15 | 15·5 | 14·2 | 262 | 14 | 15·5 | 14·9 | 264 | 21 | 4·6 | 2·9 | 53 | .. | .. | .. | .. |
| 7·5 | 9 | 14·5 | 13·9 | 272 | 12 | 18·6 | 17·0 | 256 | 12 | 16·9 | 16·5 | 275 | 20 | 4·7 | 2·7 | 41 | .. | .. | .. | .. |
| 8·0 | 7 | 15·2 | 14·2 | 267 | 10 | 21·5 | 19·5 | 260 | 12 | 19·4 | 19·0 | 277 | 19 | 5·4 | 2·5 | 46 | .. | .. | .. | .. |
| 8·5 | 6 | 15·7 | 14·2 | 269 | 7 | 20·2 | 17·6 | 273 | 7 | 21·5 | 21·1 | 271 | 17 | 5·2 | 2·3 | 73 | .. | .. | .. | .. |
| 9·0 | 5 | 16·5 | 15·6 | 277 | 6 | 23·7 | 20·7 | 276 | 4 | 26·4 | 26·2 | 274 | 16 | 5·2 | 1·4 | 61 | .. | .. | .. | .. |
| 9·5 | 4 | 18·5 | 17·4 | 265 | 3 | 27·7 | 22·2 | 288 | 2 | 27·0 | 26·6 | 275 | 16 | 5·1 | 1·2 | 76 | .. | .. | .. | .. |
| 10·0 | 3 | 20·3 | 18·5 | 260 | 2 | 24·3 | 29·9 | 309 | 1 | 28·0 | 28·0 | 275 | 11 | 4·9 | 2·4 | 52 | .. | .. | .. | .. |
| 10·5 | 2 | 19·5 | 19·2 | 230 | .. | .. | .. | .. | .. | .. | .. | .. | 9 | 5·5 | 1·7 | 35 | .. | .. | .. | .. |
| 11·0 | 2 | 23·3 | 23·1 | 232 | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 5·0 | 3·9 | 73 | .. | .. | .. | .. |
| 11·5 | 2 | 26·3 | 25·8 | 230 | .. | .. | .. | .. | .. | .. | .. | .. | 7 | 5·4 | 5·3 | 90 | .. | .. | .. | .. |
| 12·0 | 1 | 11·5 | 11·5 | 230 | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 7·1 | 6·9 | 98 | .. | .. | .. | .. |
| 12·5 | 1 | 12·0 | 12·0 | 240 | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 9·4 | 9·3 | 107 | .. | .. | .. | .. |
| 13·0 | 1 | 12·5 | 12·5 | 220 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 9·5 | 9·5 | 110 | .. | .. | .. | .. |
| 13·5 | 1 | 15·0 | 15·0 | 220 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 7·5 | 7·5 | 100 | .. | .. | .. | .. |
| 14·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 9·0 | 9·0 | 105 | .. | .. | .. | .. |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 7—contd.—*Monthly means of direction and velocity of upper winds, June 1921.*

| Height above sea Kms. | Agra. Height above sea 0·17 Km. | | | | Simla. Height above sea 2·13 Kms. | | | | Lahore. Height above sea 0·21 Km. | | | | Bangalore. Height above sea 0·92 Km. | | | | Calcutta. Height above sea 0·01 Km. | | | | Quetta. Height above sea 1·68 Kms. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level. | 30 | 3·2 | 0·6 | 212 | 30 | 2·4 | 0·1 | 267 | 30 | 1·0 | 0·7 | 116 | 19 | 4·3 | 4·2 | 273 | 27 | 2·6 | 1·9 | 187 | .. | .. | .. | .. |
| 0·5 | 30 | 8·8 | 4·4 | 278 | .. | .. | .. | .. | 30 | 7·1 | 2·2 | 138 | .. | .. | .. | .. | 27 | 8·6 | 7·7 | 204 | .. | .. | .. | .. |
| 1·0 | 29 | 9·1 | 7·1 | 294 | .. | .. | .. | .. | 27 | 5·3 | 1·0 | 273 | 19 | 5·5 | 5·0 | 279 | 25 | 8·4 | 7·4 | 208 | .. | .. | .. | .. |
| 1·5 | 29 | 8·6 | 7·3 | 306 | .. | .. | .. | .. | 26 | 4·3 | 2·2 | 323 | 19 | 6·6 | 6·2 | 279 | 21 | 6·1 | 4·4 | 217 | .. | .. | .. | .. |
| 2·0 | 29 | 9·3 | 8·1 | 311 | .. | .. | .. | .. | 23 | 4·0 | 2·6 | 317 | 18 | 5·9 | 5·3 | 286 | 16 | 5·3 | 2·8 | 203 | 12 | 2·1 | 1·1 | 209 |
| 2·5 | 24 | 9·6 | 8·5 | 315 | 30 | 5·6 | 4·9 | 321 | 23 | 4·8 | 2·9 | 311 | 14 | 3·5 | 1·1 | 266 | 10 | 4·8 | 0·9 | 220 | 10 | 4·2 | 3·6 | 277 |
| 3·0 | 19 | 9·3 | 8·1 | 324 | 29 | 7·1 | 6·6 | 315 | 21 | 6·0 | 4·0 | 309 | 13 | 3·9 | 1·2 | 116 | 9 | 4·6 | 1·4 | 291 | 11 | 5·2 | 4·6 | 302 |
| 3·5 | 14 | 7·8 | 6·3 | 342 | 26 | 7·3 | 6·6 | 309 | 21 | 6·3 | 4·4 | 303 | 13 | 5·1 | 2·5 | 126 | 9 | 4·8 | 1·6 | 296 | 11 | 5·0 | 4·7 | 298 |
| 4·0 | 11 | 7·7 | 5·9 | 342 | 22 | 7·3 | 6·0 | 309 | 20 | 6·5 | 4·9 | 304 | 13 | 5·2 | 3·8 | 126 | 6 | 3·2 | 0·5 | 315 | 10 | 5·3 | 8·9 | 290 |
| 4·5 | 7 | 5·8 | 3·6 | 330 | 22 | 7·6 | 6·2 | 308 | 17 | 7·8 | 5·8 | 306 | 12 | 5·8 | 4·2 | 143 | 4 | 1·9 | 0·5 | 339 | 8 | 6·0 | 2·2 | 278 |
| 5·0 | 6 | 8·5 | 5·5 | 328 | 18 | 8·7 | 7·1 | 303 | 16 | 9·8 | 7·7 | 303 | 10 | 5·7 | 3·2 | 151 | 4 | 3·0 | 1·1 | 179 | 6 | 6·8 | 2·0 | 285 |
| 5·5 | 4 | 8·7 | 7·0 | 281 | 17 | 9·6 | 7·0 | 283 | 14 | 11·0 | 9·1 | 292 | 9 | 6·5 | 3·4 | 156 | 4 | 4·5 | 2·5 | 155 | 5 | 7·5 | 6·1 | 332 |
| 6·0 | 4 | 11·5 | 9·8 | 274 | 13 | 9·5 | 6·5 | 253 | 10 | 11·9 | 10·4 | 287 | 8 | 6·6 | 2·9 | 172 | 3 | 6·0 | 3·6 | 167 | 8 | 4·5 | 3·8 | 331 |
| 6·5 | 4 | 14·1 | 13·9 | 285 | 9 | 11·9 | 8·6 | 242 | 9 | 13·4 | 11·1 | 282 | 6 | 6·6 | 2·2 | 233 | 2 | 3·7 | 3·6 | 215 | 3 | 8·0 | 6·7 | 301 |
| 7·0 | 4 | 18·6 | 18·3 | 281 | 9 | 13·4 | 9·6 | 248 | 9 | 16·4 | 13·4 | 288 | 4 | 3·6 | 3·5 | 111 | 2 | 4·5 | 4·3 | 203 | 2 | 8·0 | 7·9 | 317 |
| 7·5 | 2 | 17·7 | 17·1 | 279 | 8 | 16·4 | 11·5 | 245 | 7 | 20·7 | 16·8 | 279 | 3 | 5·3 | 5·3 | 122 | 2 | 4·3 | 4·2 | 198 | 2 | 10·0 | 9·9 | 310 |
| 8·0 | 1 | 19·0 | 19·0 | 270 | 7 | 18·2 | 13·6 | 248 | 6 | 22·2 | 17·9 | 271 | 3 | 6·0 | 5·6 | 108 | 2 | 4·0 | 4·0 | 207 | 1 | 10·5 | 10·5 | 305 |
| 8·5 | 1 | 21·0 | 21·0 | 275 | 7 | 19·8 | 15·0 | 246 | 4 | 23·5 | 18·3 | 256 | 3 | 6·0 | 5·1 | 112 | 2 | 4·5 | 4·5 | 205 | 1 | 11·0 | 11·0 | 300 |
| 9·0 | .. | .. | .. | .. | 5 | 22·2 | 16·9 | 246 | 2 | 22·0 | 19·0 | 283 | 3 | 6·0 | 5·4 | 87 | 2 | 5·0 | 4·8 | 206 | 1 | 11·0 | 11·0 | 220 |
| 9·5 | .. | .. | .. | .. | 2 | 20·3 | 18·0 | 262 | 1 | 22·0 | 22·0 | 265 | 3 | 6·2 | 5·4 | 73 | 2 | 6·3 | 5·9 | 211 | .. | .. | .. | .. |
| 10·0 | .. | .. | .. | .. | 1 | 16·0 | 16·0 | 220 | .. | .. | .. | .. | 3 | 8·0 | 6·8 | 85 | 2 | 7·3 | 6·5 | 228 | .. | .. | .. | .. |
| 10·5 | .. | .. | .. | .. | 1 | 16·5 | 16·5 | 215 | .. | .. | .. | .. | 2 | 8·0 | 6·9 | 75 | 2 | 7·0 | 6·2 | 219 | .. | .. | .. | .. |
| 11·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 11·5 | 11·5 | 50 | 2 | 8·0 | 7·7 | 207 | .. | .. | .. | .. |
| 11·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 13·0 | 13·0 | 50 | 2 | 7·7 | 7·3 | 210 | .. | .. | .. | .. |
| 12·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 12·0 | 12·0 | 55 | 2 | 7·0 | 6·6 | 210 | .. | .. | .. | .. |
| 12·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 14·5 | 14·5 | 75 | 1 | 5·5 | 5·5 | 215 | .. | .. | .. | .. |
| 13·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 4·0 | 4·0 | 195 | .. | .. | .. | .. |
| 13·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 3·5 | 3·5 | 185 | .. | .. | .. | .. |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 7—contd.—*Monthly means of direction and velocity of upper winds, July 1921.*

| Height above sea Kms. | AGRA. Height above sea 0·17 Km. | | | | SIMLA. Height above sea 2·13 Kms. | | | | LAHORE. Height above sea 0·21 Km. | | | | BANGALORE. Height above sea 0·92 Km. | | | | CALCUTTA. Height above sea 0·01 Km. | | | | QUETTA. Height above sea 1·68 Kms. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level. | 31 | 2·9 | 1·1 | 140 | 27 | 1·6 | 0·6 | 14 | 31 | 1·3 | 0·7 | 113 | 10 | 5·0 | 4·8 | 269 | 25 | 2·5 | 1·7 | 169 | .. | .. | .. | .. |
| 0·5 | 31 | 8·5 | 3·5 | 223 | .. | .. | .. | .. | 31 | 7·8 | 2·6 | 191 | .. | .. | .. | .. | 26 | 8·1 | 5·8 | 202 | .. | .. | .. | .. |
| 1·0 | 29 | 8·4 | 3·7 | 269 | .. | .. | .. | .. | 30 | 7·4 | 3·6 | 210 | 10 | 5·5 | 5·1 | 267 | 23 | 7·2 | 4·1 | 207 | .. | .. | .. | .. |
| 1·5 | 29 | 6·5 | 2·8 | 296 | .. | .. | .. | .. | 29 | 6·1 | 1·9 | 217 | 10 | 7·3 | 6·9 | 276 | 23 | 6·5 | 3·0 | 211 | .. | .. | .. | .. |
| 2·0 | 27 | 5·5 | 1·9 | 317 | .. | .. | .. | .. | 18 | 5·5 | 1·7 | 275 | 10 | 6·9 | 6·5 | 282 | 20 | 7·1 | 2·8 | 223 | 26 | 2·9 | 1·7 | 185 |
| 2·5 | 25 | 5·7 | 1·4 | 317 | 27 | 5·2 | 3·2 | 317 | 16 | 4·7 | 2·0 | 300 | 9 | 4·9 | 4·5 | 283 | 15 | 6·6 | 2·6 | 265 | 26 | 4·1 | 2·5 | 263 |
| 3·0 | 23 | 5·4 | 1·3 | 40 | 27 | 6·5 | 4·2 | 317 | 15 | 5·1 | 3·0 | 305 | 8 | 3·9 | 3·4 | 283 | 12 | 5·5 | 0·3 | 344 | 21 | 6·2 | 4·6 | 292 |
| 3·5 | 20 | 5·1 | 1·9 | 70 | 19 | 6·8 | 3·7 | 319 | 12 | 6·2 | 4·1 | 320 | 6 | 3·0 | 2·6 | 296 | 8 | 4·0 | 0·7 | 261 | 19 | 6·9 | 5·7 | 292 |
| 4·0 | 19 | 4·8 | 1·2 | 94 | 16 | 5·8 | 2·3 | 333 | 10 | 6·0 | 4·4 | 319 | 6 | 2·6 | 2·1 | 300 | 7 | 4·8 | 1·2 | 197 | 15 | 7·0 | 5·0 | 287 |
| 4·5 | 18 | 5·1 | 1·8 | 141 | 10 | 4·7 | 2·6 | 325 | 10 | 5·9 | 4·2 | 315 | 4 | 2·6 | 1·1 | 85 | 6 | 3·3 | 2·1 | 236 | 9 | 6·3 | 2·2 | 301 |
| 5·0 | 17 | 5·5 | 2·6 | 161 | 8 | 4·0 | 1·2 | 166 | 10 | 4·9 | 3·1 | 320 | 4 | 4·0 | 2·0 | 97 | 5 | 2·8 | 0·9 | 190 | 6 | 5·7 | 2·3 | 53 |
| 5·5 | 13 | 6·3 | 2·9 | 149 | 8 | 6·1 | 3·2 | 200 | 8 | 4·3 | 2·4 | 341 | 4 | 5·1 | 3·4 | 124 | 3 | 2·2 | 1·6 | 164 | 5 | 5·3 | 3·0 | 58 |
| 6·0 | 12 | 6·0 | 2·3 | 163 | 7 | 5·3 | 4·0 | 205 | 8 | 4·1 | 2·2 | 318 | 4 | 5·4 | 4·9 | 118 | 2 | 2·0 | 1·8 | 174 | 3 | 3·5 | 1·5 | 35 |
| 6·5 | 11 | 6·1 | 3·2 | 143 | 7 | 5·6 | 4·7 | 221 | 8 | 6·3 | 4·0 | 271 | 3 | 5·3 | 5·2 | 124 | 2 | 2·5 | 2·4 | 83 | 2 | 6·0 | 1·9 | 220 |
| 7·0 | 11 | 6·2 | 4·3 | 123 | 6 | 5·7 | 4·8 | 234 | 8 | 6·7 | 5·2 | 257 | 3 | 5·7 | 5·5 | 113 | 2 | 4·3 | 4·0 | 88 | 2 | 6·7 | 2·4 | 262 |
| 7·5 | 9 | 5·3 | 4·6 | 112 | 6 | 5·7 | 4·3 | 222 | 6 | 6·8 | 4·3 | 294 | 3 | 7·7 | 7·6 | 107 | 2 | 6·7 | 6·7 | 102 | 1 | 8·0 | 8·0 | 240 |
| 8·0 | 8 | 5·9 | 5·2 | 115 | 6 | 5·5 | 3·8 | 219 | 6 | 6·3 | 4·1 | 310 | 2 | 7·7 | 7·7 | 105 | 2 | 8·3 | 8·3 | 108 | 1 | 7·0 | 7·0 | 255 |
| 8·5 | 6 | 6·0 | 5·1 | 112 | 5 | 7·1 | 5·4 | 227 | 5 | 6·7 | 3·8 | 308 | 2 | 9·0 | 9·0 | 100 | 2 | 9·3 | 9·1 | 103 | .. | .. | .. | .. |
| 9·0 | 5 | 6·0 | 5·2 | 113 | 5 | 7·0 | 5·7 | 236 | 5 | 7·4 | 5·0 | 300 | 1 | 5·0 | 5·0 | 75 | 2 | 9·7 | 9·7 | 100 | .. | .. | .. | .. |
| 9·5 | 5 | 5·0 | 4·5 | 109 | 5 | 8·4 | 8·1 | 237 | 5 | 7·5 | 6·5 | 286 | 1 | 4·0 | 4·0 | 110 | 2 | 11·5 | 11·5 | 95 | .. | .. | .. | .. |
| 10·0 | 5 | 6·9 | 5·6 | 110 | 5 | 9·6 | 8·7 | 233 | 3 | 5·3 | 2·1 | 230 | 1 | 5·5 | 5·5 | 115 | 1 | 16·5 | 16·5 | 95 | | .. | .. | .. |
| 10·5 | 4 | 5·9 | 4·2 | 117 | 3 | 6·2 | 4·6 | 229 | 3 | 5·2 | 2·7 | 230 | .. | .. | .. | .. | 1 | 16·5 | 16·5 | 90 | .. | .. | .. | .. |
| 11·0 | 4 | 6·4 | 3·7 | 127 | 3 | 6·7 | 4·2 | 228 | 3 | 5·8 | 4·2 | 245 | .. | .. | .. | .. | 1 | 16·0 | 16·0 | 90 | .. | .. | .. | .. |
| 11·5 | 3 | 7·0 | 4·6 | 117 | 1 | 7·0 | 7·0 | 295 | 3 | 7·0 | 4·3 | 260 | .. | .. | .. | | 1 | 16·0 | 16·0 | 95 | .. | .. | .. | .. |
| 12·0 | 3 | 8·5 | 4·8 | 115 | 1 | 6·0 | 6·0 | 325 | 1 | 10·0 | 10·0 | 260 | .. | .. | .. | .. | 1 | 19·0 | 19·0 | 90 | .. | .. | .. | .. |
| 12·5 | 2 | 11·3 | 7·3 | 81 | 1 | 5·5 | 5·5 | 350 | .. | .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 13·0 | 2 | 11·7 | 6·3 | 91 | 1 | 9·0 | 9·0 | 355 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 13·5 | 1 | 15·0 | 15·0 | 55 | 1 | 8·0 | 8·0 | 10 | .. | .. | .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| 14·0 | 1 | 16·5 | 16·5 | 55 | 1 | 6·5 | 6·5 | 360 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 14·5 | .. | .. | .. | .. | 1 | 7·0 | 7·0 | 350 | .. | .. | .. | .. | .. | .. | .. | | .. | .. | .. | .. | .. | .. | .. | .. |
| 15·0 | .. | .. | .. | .. | 1 | 8·5 | 8·5 | 345 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 7—contd.—*Monthly means of direction and velocity of upper winds, August 1921.*

| Height above sea Kms. | Agra. Height above sea 0·17 Km. | | | | Simla. Height above sea 2·13 Kms. | | | | Lahore. Height above sea 0·21 Km. | | | | Bangalore. Height above sea 0·92 Km. | | | | Akyab. Height above sea 0·01 Km. | | | | Calcutta. Height above sea 0·01 Km. | | | | Quetta. Height above sea 1·68 Kms. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level. | 33 | 2·9 | 1·2 | 270 | 10 | 1·5 | 1·2 | 352 | 32 | 0·9 | 0·6 | 139 | 7 | 4·6 | 3·6 | 298 | 9 | 2·8 | 2·2 | 139 | 31 | 1·4 | 0·9 | 200 | .. | .. | .. | .. |
| 0·5 | 33 | 7·6 | 3·9 | 285 | .. | .. | .. | .. | 31 | 5·8 | 2·8 | 199 | .. | .. | .. | .. | 11 | 6·8 | 5 3 | 207 | 31 | 6·4 | 4·3 | 226 | .. | .. | .. | .. |
| 1·0 | 32 | 8·0 | 5·2 | 315 | .. | .. | .. | .. | 29 | 5·0 | 2·5 | 242 | 7 | 4·9 | 4·1 | 301 | 9 | 8·2 | 6·7 | 224 | 28 | 6·4 | 3·7 | 230 | .. | .. | .. | .. |
| 1·5 | 30 | 7·3 | 4·8 | 327 | .. | .. | .. | .. | 27 | 4·4 | 2·3 | 264 | 6 | 6·3 | 5·0 | 303 | 8 | 7·5 | 5·9 | 228 | 23 | 6·1 | 3·3 | 225 | .. | .. | .. | .. |
| 2·0 | 23 | 6·3 | 2·6 | 349 | .. | .. | .. | .. | 24 | 3·4 | 2·2 | 278 | 6 | 5·2 | 4·3 | 295 | 5 | 9·1 | 5·9 | 234 | 16 | 6·4 | 4·0 | 209 | 26 | 2·1 | 0·2 | 2 |
| 2·5 | 17 | 5·5 | 1·6 | 18 | 10 | 3·5 | 1·3 | 337 | 23 | 3·0 | 1·5 | 266 | 5 | 3·4 | 3·0 | 288 | 4 | 9·1 | 5·6 | 233 | 13 | 5·4 | 3·1 | 203 | 26 | 4·5 | 3·0 | 313 |
| 3·0 | 13 | 4·8 | 1·4 | 45 | 9 | 2·7 | 0·9 | 6 | 22 | 3·3 | 1·2 | 310 | 3 | 3·7 | 3·3 | 261 | 3 | 8·2 | 4·0 | 217 | 10 | 4·1 | 1·1 | 203 | 25 | 6·5 | 4·5 | 309 |
| 3·5 | 10 | 4·5 | 1·3 | 348 | 4 | 2·4 | 2·0 | 293 | 18 | 4·6 | 2·0 | 316 | 3 | 4·3 | 3·6 | 263 | 3 | 6·3 | 3·4 | 167 | 8 | 4·3 | 1·9 | 108 | 19 | 6·5 | 4·8 | 300 |
| 4·0 | 7 | 4·2 | 1·3 | 37 | 4 | 2·3 | 1·7 | 290 | 16 | 5·1 | 2·1 | 282 | 2 | 3·3 | 2·1 | 221 | 2 | 5·7 | 3·9 | 161 | 6 | 4·0 | 1·7 | 116 | 10 | 8·1 | 1·7 | 271 |
| 4·5 | 4 | 4·0 | 1·9 | 320 | 4 | 3·6 | 0·4 | 243 | 15 | 5·8 | 2·2 | 272 | 2 | 4·5 | 2·5 | 160 | 2 | 6·7 | 4·5 | 150 | 4 | 4·5 | 2·4 | 91 | 3 | 7·5 | 6·4 | 134 |
| 5·0 | 2 | 3·3 | 2·9 | 118 | 4 | 4·5 | 0·5 | 199 | 14 | 5·8 | 2·4 | 273 | 2 | 4·3 | 2·0 | 148 | 2 | 7·3 | 5·5 | 140 | 2 | 5·0 | 3·7 | 134 | 3 | 5·0 | 4·1 | 153 |
| 5·5 | 2 | 5·0 | 4·9 | 119 | 3 | 5·2 | 1·1 | 185 | 11 | 5·4 | 3·1 | 237 | 2 | 3·5 | 3·1 | 159 | 2 | 7·0 | 5·3 | 136 | 2 | 5·3 | 4·3 | 140 | 3 | 2·7 | 0·7 | 257 |
| 6·0 | 1 | 4·5 | 4·5 | 150 | 3 | 8·2 | 5·1 | 173 | 10 | 5·7 | 4·5 | 224 | 2 | 3·7 | 3·7 | 136 | 2 | 7·7 | 7·7 | 129 | 2 | 4·0 | 3·9 | 110 | 3 | 4·7 | 1·0 | 310 |
| 6·5 | 1 | 5·5 | 5·5 | 130 | 2 | 12·0 | 9·1 | 157 | 10 | 6·3 | 4·6 | 231 | 2 | 7·0 | 6·9 | 113 | 1 | 2·5 | 2·5 | 175 | 2 | 5·5 | 5·2 | 89 | 3 | 5·7 | 0·6 | 258 |
| 7·0 | 1 | 7·5 | 7·5 | 120 | 1 | 4·0 | 4·0 | 30 | 9 | 7·0 | 4·9 | 235 | 2 | 6·3 | 5·5 | 89 | 1 | 4·0 | 4·0 | 215 | 2 | 6·7 | 6·5 | 86 | 2 | 5·5 | 2·7 | 121 |
| 7·5 | 1 | 7·5 | 7·5 | 135 | 1 | 4·0 | 4·0 | 35 | 8 | 5·9 | 4·4 | 266 | 2 | 6·7 | 5·7 | 93 | 1 | 1·5 | 1·5 | 330 | 2 | 8·3 | 7·5 | 86 | .. | .. | .. | .. |
| 8·0 | 1 | 8·0 | 8·0 | 130 | 1 | 5·0 | 5·0 | 55 | 8 | 6·1 | 5·2 | 268 | 1 | 7·5 | 7·5 | 115 | 1 | 3·0 | 3·0 | 55 | 1 | 7·5 | 7·5 | 125 | .. | .. | .. | .. |
| 8·5 | 1 | 6·5 | 6·5 | 115 | 1 | 2·5 | 2·5 | 30 | 7 | 6·7 | 6·0 | 259 | 1 | 7·0 | 7·0 | 90 | 1 | 7·0 | 7·0 | 100 | 1 | 8·0 | 8·0 | 110 | .. | .. | .. | .. |
| 9·0 | 1 | 6·0 | 6·0 | 120 | 1 | 3·5 | 3·5 | 35 | 5 | 5·7 | 4·3 | 250 | 1 | 8·5 | 8·5 | 95 | 1 | 6·5 | 6·5 | 90 | 1 | 6·0 | 6·0 | 85 | .. | .. | .. | .. |
| 9·5 | 1 | 5·5 | 5·5 | 110 | 1 | 2·0 | 2·0 | 105 | 4 | 4·1 | 3·1 | 219 | 1 | 11·0 | 11·0 | 95 | 1 | 8·0 | 8·0 | 75 | 1 | 7·0 | 7·0 | 80 | .. | .. | .. | .. |
| 10·0 | 1 | 8·0 | 8·0 | 110 | 1 | 1·0 | 1·0 | 155 | 4 | 5·3 | 4·0 | 205 | 1 | 13·5 | 13·5 | 105 | 1 | 7·0 | 7·0 | 80 | 1 | 10·0 | 10·0 | 95 | .. | .. | .. | .. |
| 19·5 | 1 | 13·0 | 13·0 | 85 | 1 | 1·5 | 1·5 | 120 | 4 | 5·7 | 4·7 | 202 | 1 | 16·5 | 16·5 | 110 | 1 | 13·0 | 13·0 | 95 | 1 | 10·5 | 10·5 | 110 | .. | .. | .. | .. |
| 11·0 | 1 | 12·0 | 12·0 | 95 | .. | .. | .. | .. | 3 | 7·0 | 6·3 | 192 | .. | .. | .. | .. | 1 | 15·5 | 15·5 | 95 | 1 | 12·0 | 12·0 | 110 | .. | .. | .. | .. |
| 11·5 | 1 | 11·0 | 11·0 | 105 | .. | .. | .. | .. | 1 | 1·0 | 1·0 | 180 | .. | .. | .. | .. | 1 | 18·0 | 18·0 | 85 | 1 | 12·5 | 12·5 | 100 | .. | .. | .. | .. |
| 12·0 | 1 | 11·0 | 11·0 | 115 | .. | .. | .. | .. | 1 | 1·5 | 1·5 | 165 | .. | .. | .. | .. | 1 | 21·5 | 21·5 | 70 | 1 | 14·0 | 14·0 | 90 | .. | .. | .. | .. |
| 12·5 | 1 | 17·0 | 17·0 | 125 | .. | .. | .. | .. | 1 | 3·0 | 3·0 | 175 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 16·0 | 16·0 | 75 | .. | .. | .. | .. |
| 13·0 | 1 | 20·5 | 20·5 | 125 | .. | .. | .. | .. | 1 | 4·0 | 4·0 | 190 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 18·0 | 18·0 | 70 | .. | .. | .. | .. |
| 13·5 | 1 | 18·5 | 18·5 | 115 | .. | .. | .. | .. | 1 | 6·0 | 6·0 | 180 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 18·5 | 18·5 | 70 | .. | .. | .. | .. |
| 14·0 | 1 | 20·0 | 20·0 | 105 | .. | .. | .. | .. | 1 | 8·5 | 8·5 | 180 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | .. | .. |
| 14·5 | 1 | 24·5 | 24·5 | 100 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | .. | .. |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 7—contd.—*Monthly means of direction and velocity of upper winds, September 1921.*

| Height above sea Kms. | Agra. Height above sea 0·17 Km. | | | | Simla. Height above sea 2·13 Kms. | | | | Lahore. Height above sea 0·21 Km. | | | | Bangalore. Height above sea 0·92 Km. | | | | Akyab. Height above sea 0·01 Km. | | | | Calcutta. Height above sea 0·01 Km. | | | | Quetta. Height above sea 1·68 Kms. | | | | Peshwar. Height above sea 0·35 Km. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level. | 32 | 2·8 | 0·3 | 354 | 20 | 1·7 | 0·7 | 353 | 30 | 0·5 | 0·4 | 140 | 7 | 2·9 | 2·5 | 294 | 27 | 3·5 | 2·2 | 122 | 29 | 1·6 | 0·7 | 121 | .. | .. | .. | .. | 14 | 0·8 | 0·6 | 309 |
| 0·5 | 32 | 7·9 | 1·1 | 354 | .. | .. | .. | .. | 29 | 5·1 | 2·0 | 183 | .. | .. | .. | .. | 27 | 5·6 | 3·9 | 149 | 29 | 6·9 | 2·7 | 155 | .. | .. | .. | .. | 15 | 3·3 | 3·0 | 338 |
| 1·0 | 31 | 7·8 | 2·1 | 8 | .. | .. | .. | .. | 29 | 3·9 | 1·1 | 258 | 7 | 3·9 | 3·6 | 302 | 24 | 7·4 | 4·5 | 151 | 29 | 7·5 | 2·3 | 147 | .. | .. | .. | .. | 15 | 3·6 | 3·2 | 356 |
| 1·5 | 30 | 7·1 | 2·7 | 11 | .. | .. | .. | .. | 29 | 3·3 | 1·9 | 313 | 7 | 5·1 | 4·4 | 300 | 21 | 6·8 | 3·8 | 159 | 25 | 6·8 | 1·5 | 132 | .. | .. | .. | .. | 15 | 3·0 | 0·9 | 326 |
| 2·0 | 29 | 7·7 | 3·7 | 10 | .. | .. | .. | .. | 29 | 3·7 | 2·5 | 328 | 7 | 6·1 | 5·7 | 306 | 17 | 6·8 | 4·2 | 155 | 21 | 6·4 | 1·3 | 121 | 30 | 2·0 | 0·1 | 303 | 15 | 3·3 | 1·6 | 283 |
| 2·5 | 25 | 7·8 | 3·8 | 356 | 20 | 3·9 | 3·2 | 327 | 29 | 4·5 | 3·2 | 339 | 7 | 7·3 | 6·8 | 302 | 13 | 6·6 | 4·0 | 141 | 13 | 7·1 | 1·9 | 94 | 30 | 4·0 | 2·9 | 301 | 15 | 4·5 | 3·3 | 282 |
| 3·0 | 22 | 7·4 | 3·3 | 347 | 20 | 3·7 | 2·5 | 323 | 28 | 5·4 | 4·3 | 339 | 5 | 7·0 | 6·4 | 302 | 11 | 4·5 | 2·8 | 140 | 10 | 5·9 | 1·1 | 131 | 30 | 6·0 | 4·7 | 309 | 14 | 5·9 | 4·9 | 279 |
| 3·5 | 19 | 7·3 | 2·1 | 344 | 15 | 3·3 | 1·4 | 333 | 26 | 6·2 | 5·4 | 334 | 5 | 6·7 | 6·0 | 312 | 7 | 5·7 | 4·6 | 152 | 7 | 5·5 | 2·3 | 208 | 27 | 6·8 | 5·0 | 303 | 11 | 4·9 | 4·5 | 289 |
| 4·0 | 19 | 7·0 | 2·3 | 321 | 13 | 3·5 | 0·9 | 302 | 26 | 6·9 | 5·9 | 328 | 3 | 3·7 | 2·9 | 290 | 6 | 4·9 | 3·8 | 157 | 7 | 5·1 | 2·4 | 211 | 20 | 6·9 | 4·0 | 291 | 11 | 6·6 | 6·1 | 300 |
| 4·5 | 19 | 7·3 | 2·4 | 308 | 10 | 3·8 | 2·2 | 293 | 26 | 7·3 | 6·3 | 324 | 2 | 2·5 | 2·1 | 295 | 5 | 5·9 | 4·6 | 156 | 6 | 4·8 | 2·5 | 185 | 17 | 8·1 | 4·2 | 305 | 10 | 8·0 | 7·3 | 305 |
| 5·0 | 17 | 7·0 | 2·7 | 301 | 9 | 5·9 | 4·2 | 270 | 26 | 7·8 | 5·9 | 320 | 2 | 2·0 | 0·5 | 344 | 5 | 5·4 | 3·7 | 137 | 5 | 5·0 | 1·8 | 179 | 11 | 7·6 | 3·5 | 286 | 9 | 7·5 | 7·0 | 313 |
| 5·5 | 15 | 7·2 | 3·2 | 291 | 10 | 7·5 | 5·1 | 263 | 25 | 8·5 | 5·7 | 300 | 1 | 3·0 | 3·0 | 115 | 4 | 5·5 | 3·5 | 150 | 4 | 3·7 | 2·7 | 283 | 7 | 8·1 | 5·5 | 272 | 9 | 7·1 | 6·6 | 303 |
| 6·0 | 15 | 8·1 | 3·7 | 295 | 9 | 8·1 | 6·1 | 248 | 25 | 9·2 | 6·5 | 283 | 1 | 8·5 | 8·5 | 125 | 4 | 5·5 | 4·0 | 132 | 4 | 3·7 | 3·2 | 272 | 6 | 8·3 | 4·7 | 287 | 8 | 7·1 | 5·9 | 292 |
| 6·5 | 15 | 9·5 | 4·5 | 284 | 8 | 9·0 | 6·8 | 262 | 24 | 10·7 | 8·2 | 283 | 1 | 8·0 | 8·0 | 130 | 3 | 5·2 | 3·1 | 141 | 4 | 3·6 | 2·7 | 295 | 5 | 9·3 | 5·7 | 264 | 8 | 9·7 | 9·2 | 286 |
| 7·0 | 13 | 9·2 | 3·3 | 273 | 8 | 10·4 | 7·9 | 272 | 22 | 11·7 | 8·9 | 283 | 1 | 10·5 | 10·5 | 95 | 2 | 3·7 | 3·3 | 140 | 4 | 4·6 | 2·3 | 306 | 4 | 8·0 | 7·6 | 285 | 6 | 11·6 | 11·1 | 277 |
| 7·5 | 13 | 9·4 | 3·3 | 271 | 7 | 11·3 | 7·9 | 263 | 21 | 13·1 | 10·4 | 283 | 1 | 11·5 | 11·5 | 100 | 2 | 3·5 | 2·5 | 130 | 4 | 4·9 | 1·3 | 305 | 3 | 8·8 | 7·9 | 270 | 6 | 12·6 | 12·1 | 274 |
| 8·0 | 11 | 11·1 | 4·3 | 257 | 7 | 12·6 | 9·6 | 266 | 19 | 12·5 | 9·7 | 280 | 1 | 14·0 | 14·0 | 95 | 2 | 4·7 | 2·5 | 131 | 4 | 5·1 | 1·1 | 333 | 1 | 23·0 | 23·0 | 260 | 4 | 11·0 | 10·3 | 275 |
| 8·5 | 11 | 11·8 | 5·1 | 262 | 7 | 13·3 | 11·2 | 261 | 19 | 13·9 | 11·3 | 282 | .. | .. | .. | .. | 2 | 5·3 | 3·0 | 120 | 4 | 5·7 | 1·2 | 317 | .. | .. | .. | .. | 3 | 11·5 | 10·4 | 271 |
| 9·0 | 9 | 11·3 | 7·4 | 272 | 6 | 13·0 | 10·9 | 263 | 18 | 14·3 | 11·7 | 275 | .. | .. | .. | .. | 1 | 5·0 | 5·0 | 225 | 4 | 5·3 | 1·6 | 316 | .. | .. | .. | .. | 2 | 10·3 | 10·3 | 286 |
| 9·5 | 8 | 10·3 | 6·9 | 254 | 6 | 13·7 | 11·3 | 263 | 15 | 14·5 | 12·2 | 270 | .. | .. | .. | .. | 1 | 4·0 | 4·0 | 205 | 4 | 6·6 | 1·4 | 287 | .. | .. | .. | .. | 2 | 10·5 | 10·5 | 270 |
| 10·0 | 7 | 11·3 | 10·2 | 261 | 6 | 14·3 | 12·0 | 260 | 12 | 14·1 | 12·0 | 275 | .. | .. | .. | .. | 1 | 3·5 | 3·5 | 255 | 4 | 7·0 | 1·5 | 221 | .. | .. | .. | .. | 1 | 14·0 | 14·0 | 255 |
| 10·5 | 6 | 9·8 | 8·1 | 277 | 5 | 14·4 | 11·0 | 247 | 12 | 15·2 | 12·6 | 275 | .. | .. | .. | .. | 1 | 5·5 | 5·5 | 230 | 4 | 7·7 | 1·3 | 200 | .. | .. | .. | .. | 1 | 15·0 | 15·0 | 260 |
| 11·0 | 6 | 10·4 | 7·8 | 282 | 5 | 15·3 | 11·5 | 258 | 5 | 14·4 | 11·8 | 264 | .. | .. | .. | .. | 1 | 5·5 | 5·5 | 230 | 4 | 7·7 | 1·4 | 207 | .. | .. | .. | .. | .. | .. | .. | .. |
| 11·5 | 6 | 9·9 | 8·0 | 282 | 3 | 10·8 | 8·4 | 296 | 4 | 11·9 | 9·8 | 252 | .. | .. | .. | .. | 1 | 4·5 | 4·5 | 220 | 3 | 7·2 | 5·4 | 205 | .. | .. | .. | .. | .. | .. | .. | .. |
| 12·0 | 5 | 9·4 | 7·2 | 297 | 1 | 9·0 | 9·0 | 235 | 3 | 10·7 | 7·4 | 260 | .. | .. | .. | .. | 1 | 4·0 | 4·0 | 245 | 2 | 6·7 | 5·5 | 177 | .. | .. | .. | .. | .. | .. | .. | .. |
| 12·5 | 5 | 11·1 | 9·1 | 285 | 1 | 9·0 | 9·0 | 225 | 3 | 11·3 | 7·4 | 266 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 5·5 | 4·0 | 183 | .. | .. | .. | .. | .. | .. | .. | .. |
| 13·0 | 4 | 8·4 | 7·7 | 313 | 1 | 10·0 | 10·0 | 225 | 1 | 15·5 | 15·5 | 265 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 5·3 | 3·9 | 181 | .. | .. | .. | .. | .. | .. | .. | .. |
| 13·5 | 4 | 9·1 | 8·6 | 316 | 1 | 9·0 | 9·0 | 235 | 1 | 16·0 | 16·0 | 275 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 6·5 | 5·1 | 181 | .. | .. | .. | .. | .. | .. | .. | .. |
| 14·0 | 2 | 7·0 | 6·8 | 335 | 1 | 7·5 | 7·5 | 240 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 3·5 | 3·5 | 150 | .. | .. | .. | .. | | .. | .. | .. |
| 14·5 | 1 | 9·5 | 9·5 | 330 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15·0 | 1 | 12·0 | 12·0 | 345 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 7—contd.—*Monthly means of direction and velocity of upper winds, October 1921.*

| Height above sea Kms. | Agra. Height above sea 0·17 Km. | | | | Simla. Height above sea 2·13 Kms. | | | | Lahore. Height above sea 0·21 Km. | | | | Bangalore. Height above sea 0·92 Km. | | | | Akyab. Height above sea 0·01 Km. | | | | Calcutta. Height above sea 0·01 Km. | | | | Quetta. Height above sea 1·68 Kms. | | | | Peshawar. Height above sea 0·35 Km. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n | V | v | L | n | V | v | L | n | V | V | L | n | V | v | L | n | v | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level. | 31 | 2·0 | 0·6 | 228 | 31 | 1·4 | 0·5 | 3 | 31 | 0·7 | 0·5 | 135 | 19 | 3·4 | 2·4 | 42 | 25 | 3·2 | 3·0 | 41 | 30 | 0·7 | 0·1 | 38 | .. | .. | .. | .. | .. | .. | .. | .. |
| 0·5 | 31 | 7·0 | 3·4 | 275 | .. | .. | .. | .. | 31 | 5·6 | 0·6 | 180 | .. | .. | .. | .. | 25 | 4·1 | 1·9 | 80 | 28 | 4·5 | 1·1 | 328 | .. | .. | .. | .. | 20 | 2·8 | 1·1 | 312 |
| 1·0 | 31 | 6·4 | 5·0 | 281 | .. | .. | .. | .. | 31 | 4·8 | 1·1 | 310 | 19 | 4·4 | 3·2 | 50 | 25 | 3·9 | 1·6 | 154 | 28 | 4·1 | 1·8 | 337 | .. | .. | .. | .. | 25 | 4·0 | 2·9 | 351 |
| 1·5 | 31 | 6·4 | 5·1 | 294 | .. | .. | .. | .. | 31 | 4·6 | 2·8 | 318 | 19 | 6·6 | 5·3 | 59 | 24 | 4·7 | 2·2 | 171 | 29 | 4·6 | 2·3 | 340 | .. | .. | .. | .. | 25 | 4·5 | 3·6 | 324 |
| 2·0 | 31 | 7·3 | 6·3 | 306 | .. | .. | .. | .. | 31 | 5·5 | 3·7 | 313 | 19 | 6·3 | 4·8 | 55 | 22 | 4·5 | 2·1 | 176 | 28 | 4·5 | 2·4 | 336 | 28 | 2·6 | 0·9 | 265 | 24 | 5·5 | 4·7 | 317 |
| 2·5 | 31 | 8·1 | 7·3 | 315 | 30 | 5·1 | 3·2 | 326 | 31 | 6·5 | 5·1 | 310 | 19 | 5·7 | 4·5 | 46 | 19 | 4·6 | 2·4 | 194 | 26 | 4·3 | 2·7 | 307 | 28 | 5·2 | 3·9 | 301 | 24 | 6·7 | 6·0 | 311 |
| 3·0 | 31 | 8·1 | 7·2 | 318 | 30 | 5·7 | 3·5 | 302 | 30 | 7·3 | 6·2 | 311 | 17 | 4·9 | 3·1 | 41 | 19 | 4·9 | 2·9 | 197 | 24 | 5·6 | 4·2 | 282 | 27 | 7·5 | 6·7 | 311 | 24 | 6·2 | 5·7 | 313 |
| 3·5 | 31 | 8·5 | 7·5 | 316 | 28 | 6·7 | 3·5 | 313 | 30 | 8·5 | 7·1 | 310 | 14 | 4·0 | 1·5 | 88 | 18 | 5·0 | 2·8 | 203 | 23 | 6·7 | 5·5 | 280 | 27 | 8·9 | 7·7 | 308 | 22 | 6·4 | 5·6 | 315 |
| 4·0 | 31 | 9·3 | 8·2 | 310 | 26 | 7·0 | 4·1 | 307 | 30 | 9·3 | 7·8 | 311 | 14 | 4·1 | 2·3 | 113 | 18 | 4·9 | 2·3 | 207 | 21 | 7·0 | 5·5 | 275 | 24 | 9·7 | 9·0 | 306 | 21 | 7·0 | 6·4 | 313 |
| 4·5 | 31 | 10·4 | 8·8 | 300 | 23 | 6·3 | 4·4 | 302 | 30 | 10·0 | 8·5 | 309 | 11 | 5·2 | 3·5 | 96 | 13 | 4·7 | 1·6 | 229 | 18 | 8·5 | 6·5 | 274 | 18 | 11·5 | 10·4 | 307 | 21 | 7·8 | 7·3 | 308 |
| 5·0 | 30 | 11·5 | 9·9 | 294 | 23 | 7·4 | 6·1 | 302 | 29 | 10·4 | 8·8 | 306 | 11 | 5·9 | 4·2 | 92 | 11 | 4·6 | 1·5 | 303 | 17 | 8·3 | 6·9 | 274 | 12 | 11·2 | 9·9 | 313 | 20 | 8·2 | 7·4 | 301 |
| 5·5 | 28 | 13·4 | 11·9 | 287 | 22 | 9·2 | 7·7 | 293 | 29 | 11·3 | 10·1 | 301 | 11 | 6·5 | 5·4 | 88 | 11 | 4·6 | 1·0 | 297 | 16 | 9·0 | 7·6 | 272 | 8 | 10·6 | 9·2 | 321 | 19 | 8·8 | 8·0 | 304 |
| 6·0 | 28 | 15·8 | 14·5 | 284 | 21 | 10·9 | 9·3 | 290 | 28 | 12·4 | 11·2 | 295 | 11 | 7·0 | 6·1 | 86 | 10 | 5·0 | 1·1 | 253 | 15 | 10·0 | 8·4 | 270 | 6 | 11·7 | 10·0 | 303 | 19 | 9·5 | 8·7 | 300 |
| 6·5 | 28 | 18·3 | 17·1 | 283 | 19 | 13·1 | 11·5 | 288 | 28 | 14·4 | 13·1 | 293 | 11 | 8·7 | 7·7 | 92 | 10 | 5·9 | 1·8 | 297 | 13 | 10·1 | 9·2 | 265 | 6 | 12·1 | 10·6 | 296 | 17 | 10·6 | 10·1 | 292 |
| 7·0 | 27 | 20·1 | 19·0 | 282 | 17 | 14·9 | 13·1 | 284 | 25 | 15·2 | 13·7 | 294 | 11 | 9·3 | 7·8 | 89 | 10 | 6·7 | 2·6 | 278 | 11 | 10·9 | 10·1 | 260 | 3 | 9·0 | 7·5 | 294 | 15 | 12·7 | 12·3 | 291 |
| 7·5 | 26 | 21·5 | 20·4 | 280 | 16 | 18·7 | 17·2 | 282 | 24 | 15·8 | 14·5 | 295 | 9 | 8·2 | 7·3 | 89 | 10 | 6·3 | 4·4 | 263 | 10 | 13·7 | 12·7 | 265 | 3 | 11·0 | 10·2 | 289 | 12 | 12·1 | 11·6 | 291 |
| 8·0 | 25 | 24·9 | 23·6 | 279 | 13 | 21·0 | 19·6 | 283 | 20 | 16·8 | 15·5 | 291 | 7 | 6·8 | 5·4 | 99 | 10 | 7·3 | 5·9 | 252 | 7 | 15·5 | 15·0 | 259 | 3 | 12·2 | 11·8 | 288 | 10 | 13·3 | 12·8 | 296 |
| 8·5 | 22 | 26·9 | 25·3 | 276 | 9 | 22·7 | 19·4 | 283 | 15 | 15·4 | 14·3 | 286 | 7 | 7·3 | 5·5 | 113 | 9 | 8·7 | 8·1 | 245 | 7 | 16·4 | 16·1 | 259 | 3 | 13·0 | 12·9 | 289 | 5 | 9·5 | 9·0 | 286 |
| 9·0 | 19 | 27·9 | 26·5 | 274 | 8 | 28·9 | 24·5 | 285 | 14 | 16·5 | 15·3 | 283 | 4 | 6·6 | 6·5 | 108 | 8 | 8·0 | 7·7 | 237 | 5 | 13·4 | 13·1 | 256 | 2 | 14·0 | 14·0 | 283 | 4 | 10·9 | 10·8 | 294 |
| 9·5 | 13 | 25·1 | 23·8 | 273 | 6 | 33·7 | 26·5 | 281 | 12 | 18·8 | 17·6 | 281 | 2 | 6·7 | 6·7 | 90 | 8 | 8·1 | 7·8 | 236 | 3 | 13·2 | 12·8 | 256 | 1 | 15·0 | 15·0 | 280 | 3 | 14·3 | 14·2 | 287 |
| 10·0 | 12 | 25·9 | 24·4 | 271 | 4 | 33·6 | 33·4 | 251 | 9 | 20·1 | 20·1 | 274 | 2 | 7·7 | 7·0 | 97 | 8 | 8·3 | 7·8 | 233 | 3 | 14·0 | 13·6 | 262 | 1 | 18·0 | 18·0 | 270 | 1 | 10·5 | 10·5 | 280 |
| 10·5 | 12 | 28·1 | 26·7 | 267 | 4 | 37·1 | 36·9 | 252 | 9 | 24·3 | 24·2 | 269 | 2 | 8·7 | 8·7 | 106 | 8 | 8·8 | 8·1 | 247 | 3 | 14·5 | 14·1 | 255 | .. | .. | .. | .. | .. | .. | .. | .. |
| 11·0 | 10 | 28·7 | 27·5 | 261 | 3 | 43·0 | 42·6 | 252 | 7 | 29·0 | 28·7 | 271 | .. | .. | .. | .. | 8 | 9·6 | 8·7 | 247 | 1 | 12·0 | 12·0 | 260 | .. | .. | .. | .. | .. | .. | .. | .. |
| 11·5 | 8 | 30·9 | 29·7 | 266 | 2 | 44·7 | 44·3 | 252 | 4 | 26·9 | 26·6 | 274 | .. | .. | .. | .. | 8 | 9·7 | 9·0 | 245 | 1 | 14·5 | 14·5 | 255 | .. | .. | .. | .. | .. | .. | .. | .. |
| 12·0 | 5 | 34·1 | 33·2 | 267 | 1 | 50·5 | 50·5 | 245 | 1 | 25·0 | 25·0 | 265 | .. | .. | .. | .. | 8 | 10·8 | 10·2 | 248 | 1 | 17·0 | 17·0 | 250 | .. | .. | .. | .. | .. | .. | .. | .. |
| 12·5 | 2 | 21·7 | 21·7 | 272 | .. | .. | .. | .. | 1 | 28·0 | 28·0 | 265 | .. | .. | .. | .. | 7 | 12·4 | 11·7 | 248 | 1 | 20·0 | 20·0 | 260 | .. | .. | .. | .. | .. | .. | .. | .. |
| 13·0 | 2 | 23·0 | 23·0 | 270 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 10·6 | 10·0 | 237 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 13·5 | 2 | 22·3 | 22·2 | 268 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 10·9 | 10·1 | 236 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 14·0 | 1 | 21·5 | 21·5 | 265 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 9·0 | 8·5 | 245 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 14·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 9·7 | 9·1 | 231 | .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 10·7 | 10·6 | 229 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 9·5 | 8·9 | 225 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 7—contd.—*Monthly means of direction and velocity of upper winds, November 1921.*

| Height above sea Kms. | Agra. Height above sea 0·17 Km. | | | | Simla. Height above sea 2·13 Kms. | | | | Lahore. Height above sea 0·21 Km. | | | | Bangalore. Height above sea 0·92 Km. | | | | Akyab. Height above sea 0·01 Km. | | | | Calcutta. Height above sea 0·01 Km. | | | | Quetta. Height above sea 1·68 Kms. | | | | Peshawar. Height above sea 0·35 Km. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level | 29 | 1·8 | 1·2 | 279 | 30 | 1·8 | 1·4 | 358 | 30 | 0·0 | 0·0 | .. | 25 | 3·9 | 3·5 | 59 | .. | .. | .. | .. | 28 | 1·4 | 1·2 | 346 | .. | .. | .. | .. | .. | .. | .. | . |
| 0·5 | 30 | 4·5 | 2·4 | 308 | .. | .. | .. | .. | 30 | 4·0 | 2·0 | 327 | .. | .. | .. | .. | 28 | 3·5 | 2·3 | 39 | 28 | 4·7 | 4·3 | 11 | .. | .. | .. | .. | 21 | 1·4 | 0·4 | 29 |
| 1·0 | 30 | 5·5 | 4·3 | 317 | .. | .. | .. | .. | 30 | 3·8 | 2·9 | 305 | 25 | 4·9 | 4·6 | 69 | 28 | 2·5 | 1·3 | 138 | 28 | 4·8 | 4·4 | 360 | .. | .. | .. | .. | 24 | 1·6 | 1·5 | 33 |
| 1·5 | 30 | 7·1 | 6·8 | 318 | .. | .. | .. | .. | 30 | 4·7 | 4·2 | 305 | 25 | 5·6 | 4·3 | 72 | 27 | 3·6 | 2·3 | 152 | 28 | 4·6 | 4·1 | 351 | .. | .. | .. | .. | 24 | 3·7 | 3·3 | 32 |
| 2·0 | 30 | 7·8 | 7·5 | 316 | .. | .. | .. | .. | 30 | 5·4 | 4·5 | 309 | 25 | 5·3 | 3·3 | 69 | 27 | 4·0 | 1·6 | 138 | 27 | 4·4 | 3·3 | 325 | 24 | 2·6 | 0·8 | 184 | 21 | 3·8 | 3·3 | 32 |
| 2·5 | 29 | 7·5 | 6·9 | 316 | 30 | 4·4 | 3·6 | 333 | 30 | 5·9 | 4·8 | 303 | 24 | 5·2 | 2·3 | 67 | 26 | 4·5 | 0·9 | 331 | 25 | 5·5 | 4·1 | 304 | 24 | 4·0 | 1·8 | 279 | 21 | 3·9 | 3·3 | 320 |
| 3·0 | 29 | 7·1 | 6·3 | 311 | 30 | 3·9 | 2·6 | 327 | 30 | 5·7 | 4·6 | 298 | 24 | 5·4 | 1·9 | 56 | 25 | 4·9 | 2·5 | 313 | 25 | 7·5 | 5·6 | 293 | 24 | 5·7 | 4·1 | 294 | 19 | 3·5 | 2·9 | 31 |
| 3·5 | 29 | 8·0 | 6·9 | 299 | 30 | 3·4 | 2·0 | 309 | 30 | 6·2 | 4·6 | 293 | 23 | 5·4 | 1·8 | 66 | 25 | 5·2 | 3·5 | 311 | 23 | 8·1 | 6·8 | 282 | 22 | 6·5 | 5·2 | 293 | 20 | 3·7 | 2·7 | 29 |
| 4·0 | 28 | 9·3 | 7·8 | 295 | 30 | 4·0 | 2·0 | 283 | 30 | 6·9 | 5·4 | 289 | 23 | 4·7 | 1·7 | 77 | 25 | 5·9 | 4·4 | 313 | 21 | 8·5 | 7·6 | 282 | 19 | 8·2 | 6·6 | 288 | 19 | 4·5 | 3·5 | 291 |
| 4·5 | 28 | 10·1 | 9·1 | 288 | 29 | 5·5 | 3·4 | 278 | 29 | 7·8 | 6·5 | 285 | 23 | 4·6 | 2·1 | 106 | 25 | 6·2 | 4·7 | 306 | 20 | 10·4 | 9·5 | 282 | 11 | 9·4 | 7·8 | 283 | 18 | 5·7 | 4·7 | 290 |
| 5·0 | 28 | 11·7 | 10·6 | 283 | 28 | 7·7 | 5·3 | 277 | 29 | 9·2 | 7·4 | 283 | 23 | 4·9 | 2·3 | 95 | 25 | 6·4 | 5·3 | 295 | 19 | 11·9 | 11·0 | 280 | 4 | 12·5 | 10·5 | 287 | 16 | 6·6 | 4·9 | 285 |
| 5·5 | 28 | 13·7 | 12·7 | 282 | 27 | 10·2 | 8·0 | 274 | 27 | 10·7 | 8·9 | 285 | 22 | 5·3 | 3·1 | 94 | 24 | 6·9 | 6·1 | 291 | 18 | 12·5 | 11·8 | 278 | 2 | 15·0 | 14·3 | 279 | 14 | 8·1 | 6·5 | 277 |
| 6·0 | 27 | 16·1 | 15·0 | 279 | 27 | 12·7 | 10·3 | 275 | 26 | 12·5 | 10·7 | 288 | 22 | 5·3 | 2·4 | 106 | 23 | 7·6 | 6·4 | 284 | 17 | 13·4 | 12·7 | 275 | 1 | 14·0 | 14·0 | 250 | 14 | 9·5 | 7·6 | 283 |
| 6·5 | 25 | 17·2 | 16·1 | 277 | 26 | 14·5 | 12·4 | 270 | 25 | 15·3 | 13·3 | 288 | 22 | 5·6 | 1·3 | 103 | 20 | 8·5 | 7·2 | 275 | 16 | 15·1 | 14·5 | 273 | .. | .. | .. | .. | 13 | 11·3 | 9·3 | 286 |
| 7·0 | 24 | 19·8 | 18·9 | 277 | 24 | 16·9 | 15·2 | 275 | 23 | 17·3 | 14·8 | 289 | 22 | 6·5 | 1·3 | 119 | 20 | 9·5 | 8·3 | 273 | 16 | 16·4 | 15·7 | 268 | .. | .. | .. | .. | 10 | 11·8 | 9·3 | 291 |
| 7·5 | 24 | 22·2 | 21·2 | 273 | 24 | 21·2 | 19·1 | 276 | 23 | 19·7 | 16·7 | 288 | 20 | 7·4 | 1·5 | 180 | 19 | 10·7 | 9·0 | 270 | 13 | 17·8 | 16·9 | 268 | .. | .. | .. | .. | 8 | 11·8 | 11·3 | 278 |
| 8·0 | 24 | 23·9 | 22·7 | 270 | 21 | 23·8 | 21·8 | 275 | 21 | 21·6 | 19·2 | 293 | 20 | 8·1 | 2·4 | 201 | 19 | 11·9 | 10·5 | 269 | 7 | 18·1 | 17·4 | 278 | .. | .. | .. | .. | 8 | 13·9 | 13·5 | 278 |
| 8·5 | 24 | 27·4 | 26·0 | 269 | 17 | 23·5 | 21·3 | 277 | 17 | 20·2 | 18·0 | 294 | 19 | 8·3 | 4·2 | 207 | 18 | 11·9 | 10·6 | 266 | 3 | 16·7 | 15·9 | 287 | .. | .. | .. | .. | 7 | 14·8 | 14·3 | 280 |
| 9·0 | 20 | 28·3 | 26·7 | 270 | 15 | 25·5 | 23·1 | 279 | 17 | 21·7 | 19·4 | 290 | 17 | 9·3 | 5·4 | 208 | 18 | 13·5 | 12·5 | 269 | 2 | 17·5 | 16·2 | 276 | .. | .. | .. | .. | 7 | 17·1 | 16·2 | 281 |
| 9·5 | 16 | 29·1 | 27·7 | 273 | 14 | 29·2 | 27·5 | 274 | 14 | 23·6 | 21·1 | 288 | 14 | 9·2 | 6·6 | 200 | 16 | 12·6 | 11·6 | 266 | 1 | 16·0 | 16·0 | 250 | .. | .. | .. | .. | 4 | 18·7 | 17·5 | 279 |
| 10·0 | 14 | 32·3 | 31·0 | 267 | 12 | 27·8 | 26·3 | 274 | 9 | 26·7 | 25·4 | 275 | 12 | 9·4 | 6·9 | 216 | 15 | 15·0 | 14·5 | 265 | 1 | 17·0 | 17·0 | 265 | .. | .. | .. | .. | 3 | 14·7 | 13·2 | 288 |
| 10·5 | 9 | 31·8 | 30·7 | 274 | 11 | 31·9 | 30·6 | 271 | 4 | 26·1 | 25·1 | 291 | 12 | 10·6 | 7·9 | 213 | 13 | 14·6 | 14·1 | 262 | 1 | 18·0 | 18·0 | 255 | .. | .. | .. | .. | 3 | 16·2 | 14·6 | 289 |
| 11·0 | 5 | 29·3 | 28·6 | 275 | 9 | 35·2 | 33·3 | 272 | 3 | 29·0 | 28·9 | 280 | 10 | 10·8 | 9·1 | 210 | 12 | 15·3 | 14·4 | 260 | 1 | 18·0 | 18·0 | 250 | .. | .. | .. | .. | 3 | 15·8 | 14·7 | 290 |
| 11·5 | 4 | 34·4 | 33·7 | 271 | 8 | 38·9 | 36·9 | 276 | 3 | 31·7 | 31·5 | 282 | 10 | 11·0 | 9·5 | 216 | 11 | 16·5 | 15·7 | 261 | 1 | 19·5 | 19·5 | 250 | .. | .. | .. | .. | 2 | 17·5 | 17·2 | 309 |
| 12·0 | 3 | 38·0 | 37·0 | 273 | 6 | 38·5 | 37·9 | 281 | .. | .. | .. | .. | 8 | 11·1 | 9·5 | 217 | 9 | 16·7 | 15·9 | 257 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 19·5 | 19·5 | 304 |
| 12·5 | 2 | 41·7 | 41·1 | 283 | 5 | 35·9 | 35·3 | 279 | .. | .. | .. | .. | 7 | 11·3 | 9·8 | 215 | 8 | 15·9 | 15·2 | 255 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 25·5 | 25·5 | 295 |
| 13·0 | 2 | 43·5 | 42·9 | 278 | 4 | 35·9 | 34·2 | 273 | .. | .. | .. | .. | 5 | 11·3 | 9·9 | 216 | 5 | 13·4 | 12·4 | 255 | .. | .. | .. | | .. | .. | .. | .. | 1 | 28·0 | 28·0 | 285 |
| 13·5 | 2 | 46·3 | 45·5 | 283 | 2 | 45·0 | 45·0 | 283 | .. | .. | .. | .. | 3 | 12·8 | 12·2 | 199 | 2 | 14·0 | 13·8 | 254 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 14·0 | 2 | 50·5 | 49·9 | 278 | 1 | 40·5 | 40·5 | 280 | .. | .. | .. | .. | 1 | 12·5 | 12·5 | 190 | 2 | 14·0 | 14·0 | 248 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 14·5 | .. | .. | .. | .. | 1 | 43·0 | 43·0 | 285 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 12·0 | 12·0 | 215 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15·0 | .. | .. | .. | .. | 1 | 46·0 | 46·0 | 290 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 10·0 | 10·0 | 200 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 13·5 | 13·5 | 200 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 16·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 16·5 | | 210 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 7—concld.—*Monthly means of direction and velocity of upper winds, December 1921.*

| Height above sea Kms. | Agra. Height above sea 0·17 Km. | | | | Simla. Height above sea 2·13 Kms. | | | | Lahore. Height above sea 0·21 Km. | | | | Bangalore. Height above sea 0·92 Km. | | | | Akyab. Height above sea 0·01 Km. | | | | Calcutta. Height above sea 0·01 Km. | | | | Quetta. Height above sea 1·68 Kms. | | | | Peshawar. Height above sea 0·35 Km. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L | n | V | v | L |
| Ground level. | 31 | 2·4 | 0·4 | 53 | 29 | 2·0 | 1·0 | 153 | 31 | 0·6 | 0·3 | 104 | 26 | 5·2 | 4·8 | 76 | .. | .. | .. | .. | 30 | 0·7 | 0·6 | 349 | .. | .. | .. | .. | .. | .. | .. | .. |
| 0·5 | 31 | 6·3 | 0·9 | 40 | .. | .. | .. | .. | 31 | 6·0 | 1·5 | 82 | .. | .. | .. | .. | 31 | 4·0 | 2·7 | 37 | 30 | 3·7 | 2·5 | 5 | .. | .. | .. | .. | 16 | 2·2 | 1·4 | 148 |
| 1·0 | 31 | 4·8 | 1·8 | 277 | .. | .. | .. | .. | 31 | 4·6 | 0·7 | 177 | 26 | 5·6 | 5·3 | 79 | 31 | 3·5 | 0·7 | 57 | 30 | 5·3 | 4·7 | 339 | .. | .. | .. | .. | 18 | 2·5 | 1·9 | 307 |
| 1·5 | 30 | 5·1 | 3·8 | 276 | .. | .. | .. | .. | 30 | 4·4 | 1·4 | 221 | 26 | 8·0 | 7·6 | 83 | 30 | 4·4 | 1·3 | 341 | 29 | 6·9 | 6·5 | 327 | .. | .. | .. | .. | 18 | 5·1 | 4·5 | 331 |
| 2·0 | 30 | 6·3 | 5·1 | 276 | .. | .. | .. | .. | 25 | 5·5 | 2·7 | 223 | 26 | 7·5 | 6·8 | 85 | 29 | 5·1 | 3·5 | 331 | 27 | 8·1 | 7·4 | 317 | 22 | 3·5 | 1·9 | 193 | 18 | 4·2 | 2·5 | 354 |
| 2·5 | 30 | 7·5 | 6·6 | 275 | 29 | 4·8 | 1·4 | 146 | 25 | 6·7 | 4·6 | 223 | 24 | 6·3 | 5·5 | 79 | 29 | 5·8 | 4·9 | 327 | 24 | 10·2 | 9·1 | 308 | 22 | 4·5 | 2·1 | 252 | 18 | 3·9 | 1·1 | 28 |
| 3·0 | 30 | 8·8 | 7·5 | 274 | 29 | 5·1 | 2·0 | 187 | 23 | 7·1 | 5·0 | 241 | 22 | 5·3 | 4·3 | 82 | 27 | 6·9 | 6·3 | 318 | 22 | 10·8 | 10·0 | 299 | 20 | 7·4 | 5·7 | 272 | 16 | 4·6 | 0·8 | 314 |
| 3·5 | 30 | 10·5 | 9·1 | 269 | 28 | 5·4 | 2·5 | 203 | 23 | 9·0 | 6·6 | 249 | 22 | 5·7 | 4·6 | 80 | 27 | 7·7 | 6·8 | 304 | 19 | 11·2 | 10·5 | 296 | 16 | 10·5 | 9·9 | 287 | 15 | 5·4 | 2·0 | 289 |
| 4·0 | 29 | 13·4 | 12·0 | 267 | 24 | 6·7 | 3·3 | 238 | 21 | 10·9 | 8·5 | 252 | 20 | 6·1 | 3·7 | 96 | 27 | 8·7 | 7·1 | 297 | 17 | 11·8 | 11·2 | 299 | 12 | 12·3 | 11·7 | 279 | 13 | 6·0 | 4·2 | 267 |
| 4·5 | 29 | 15·6 | 14·1 | 268 | 18 | 8·4 | 6·2 | 245 | 17 | 12·9 | 10·8 | 258 | 17 | 4·6 | 2·0 | 111 | 27 | 9·8 | 8·4 | 293 | 16 | 13·5 | 12·6 | 297 | 8 | 14·1 | 13·5 | 290 | 10 | 7·6 | 5·9 | 273 |
| 5·0 | 29 | 17·8 | 15·7 | 266 | 14 | 11·2 | 9·6 | 258 | 15 | 15·0 | 12·9 | 265 | 17 | 4·9 | 1·1 | 132 | 24 | 10·4 | 9·3 | 290 | 14 | 15·5 | 14·5 | 299 | 6 | 12·5 | 12·1 | 288 | 8 | 10·2 | 8·9 | 273 |
| 5·5 | 27 | 19·7 | 17·9 | 271 | 13 | 13·7 | 11·4 | 265 | 14 | 17·9 | 15·3 | 269 | 17 | 5·3 | 1·2 | 223 | 22 | 11·5 | 10·2 | 291 | 9 | 15·2 | 14·7 | 299 | 4 | 14·7 | 14·7 | 282 | 5 | 12·4 | 11·8 | 286 |
| 6·0 | 26 | 21·5 | 19·7 | 269 | 12 | 16·1 | 14·0 | 258 | 11 | 21·7 | 18·9 | 274 | 16 | 5·7 | 1·6 | 237 | 22 | 13·0 | 11·7 | 283 | 7 | 13·1 | 12·6 | 285 | 2 | 17·5 | 17·5 | 272 | 4 | 15·3 | 15·2 | 286 |
| 6·5 | 25 | 24·1 | 22·3 | 270 | 11 | 19·5 | 17·5 | 259 | 9 | 21·7 | 20·2 | 264 | 16 | 6·3 | 2·8 | 255 | 21 | 14·3 | 13·1 | 273 | 7 | 14·2 | 13·8 | 286 | 1 | 16·5 | 16·5 | 290 | 4 | 17·6 | 17·5 | 281 |
| 7·0 | 22 | 25·3 | 23·3 | 272 | 11 | 22·9 | 20·7 | 257 | 5 | 19·8 | 18·8 | 250 | 16 | 6·4 | 3·5 | 250 | 18 | 16·5 | 15·1 | 274 | 7 | 16·4 | 16·1 | 286 | .. | .. | .. | .. | 3 | 22·8 | 22·7 | 282 |
| 7·5 | 22 | 27·5 | 25·6 | 272 | 8 | | 20·9 | 261 | 4 | 24·4 | 23·2 | 254 | 16 | 7·6 | 5·2 | 246 | 17 | 18·8 | 17·7 | 273 | 5 | 15·3 | 15·0 | 290 | .. | .. | .. | .. | 1 | 21·5 | 21·5 | 280 |
| 8·0 | 21 | 27·2 | 25·2 | 275 | 8 | 27·4 | 24·5 | 262 | 3 | 29·5 | 28·1 | 259 | 16 | 9·7 | 7·0 | 249 | 15 | 19·2 | 18·2 | 271 | 3 | 15·2 | 15·0 | 287 | .. | .. | .. | .. | .. | .. | .. | .. |
| 8·5 | 18 | 26·9 | 25·1 | 276 | 7 | 31·9 | 29·2 | 268 | 1 | 20·5 | 20·5 | 240 | 15 | 11·1 | 8·2 | 247 | 15 | 21·5 | 20·5 | 270 | 3 | 16·8 | 16·5 | 285 | .. | .. | .. | .. | .. | .. | .. | .. |
| 9·0 | 17 | 29·7 | 27·7 | 275 | 4 | 30·5 | 26·5 | 272 | .. | .. | .. | .. | 15 | 12·5 | 9·9 | 247 | 15 | 23·2 | 21·9 | 266 | 1 | 9·5 | 9·5 | 320 | .. | .. | .. | .. | .. | .. | .. | .. |
| 9·5 | 10 | 30·3 | 28·0 | 286 | 3 | 33·2 | 30·5 | 284 | .. | .. | .. | .. | 12 | 13·7 | 10·7 | 247 | 15 | 24·7 | 23·4 | 265 | 1 | 11·0 | 11·0 | 320 | .. | .. | .. | .. | .. | .. | .. | .. |
| 10·0 | 7 | 27·7 | 25·1 | 298 | 2 | 34·7 | 32·7 | 274 | .. | .. | .. | .. | 9 | 11·2 | 7·1 | 227 | 18 | 26·4 | 25·3 | 270 | 1 | 12·0 | 12·0 | 310 | .. | .. | .. | .. | .. | .. | .. | .. |
| 10·5 | 5 | 21·2 | 19·3 | 308 | 2 | 39·0 | 37·6 | 275 | .. | .. | .. | .. | 7 | 11·1 | 9·9 | 219 | 11 | 27·6 | 27·0 | 264 | 1 | 12·0 | 12·0 | 295 | .. | .. | .. | .. | .. | .. | .. | .. |
| 11·0 | 5 | 24·1 | 20·7 | 307 | 1 | 41·0 | 41·0 | 295 | .. | .. | .. | .. | 6 | 12·2 | 11·9 | 206 | 9 | 28·3 | 27·6 | 262 | 1 | 14·0 | 14·0 | 275 | .. | .. | .. | .. | .. | .. | .. | .. |
| 11·5 | 4 | 24·5 | 23·7 | 294 | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 11·7 | 11·3 | 195 | 5 | 22·8 | 22·6 | 261 | 1 | 16·5 | 16·5 | 265 | .. | .. | .. | .. | .. | .. | .. | .. |
| 12·0 | 2 | 28·7 | 2 75 | 293 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 10·0 | 9·9 | 188 | 3 | 18·5 | 18·3 | 256 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 12·5 | 2 | 34·5 | 32·7 | 293 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 7·5 | 7·5 | 200 | 2 | 18·5 | 18·3 | 261 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 13·0 | 1 | 22·0 | 22·0 | 310 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 6·5 | 6·5 | 195 | 2 | 17·7 | 17·5 | 260 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 13·5 | 1 | 22·5 | 22·5 | 310 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 8·5 | 8·5 | 190 | 1 | 21·5 | 21·5 | 260 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 14·0 | 1 | 22·5 | 22·5 | 310 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 22·0 | 22·0 | 265 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 14·5 | 1 | 30·5 | 30·5 | 310 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 18·5 | 18·5 | 265 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15·0 | 1 | 32·0 | 32·0 | 290 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15·5 | 1 | 34·0 | 34·0 | 300 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

## Humidity and cloud.

The mean monthly and annual values of vapour tension, humidity and cloud in the fifteen chief political divisions of India are given in the following three tables.

TABLE 8.—*Monthly and annual means of vapour tension with their departures from normal in the 15 chief political divisions of India.*

| Division. | Jan. | | Feb. | | March. | | April. | | May. | | June. | | July. | | August. | | Sept. | | Oct. | | Nov. | | Dec. | | Year. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. |
| Burma | ·547 | +·012 | ·527 | —·048 | ·657 | —·003 | ·747 | —·025 | ·837 | —·020 | ·865 | —·030 | ·866 | —·016 | ·867 | —·016 | ·870 | —·017 | ·815 | —·045 | ·671 | —·043 | ·536 | —·033 | ·734 | —·024 |
| Assam | ·440 | +·038 | ·441 | —·001 | ·600 | +·059 | ·703 | +·020 | ·828 | +·023 | ·887 | —·023 | ·940 | —·003 | ·944 | +·004 | ·907 | —·012 | ·730 | —·063 | ·574 | +·002 | ·444 | +·030 | ·703 | +·006 |
| Bengal | ·450 | +·017 | ·480 | —·004 | ·687 | +·042 | ·814 | +·010 | ·923 | +·030 | ·936 | —·023 | ·948 | —·017 | ·949 | —·013 | ·934 | —·014 | ·805 | —·054 | ·570 | —·050 | ·465 | +·016 | ·747 | —·005 |
| Bihar and Orissa | ·395 | +·006 | ·393 | —·032 | ·500 | +·005 | ·661 | +·040 | ·781 | —·001 | ·879 | —·005 | ·921 | —·006 | ·927 | —·001 | ·912 | +·005 | ·715 | —·022 | ·452 | —·059 | ·419 | +·025 | ·663 | —·004 |
| United Provinces | ·320 | +·009 | ·287 | —·041 | ·371 | —·002 | ·452 | +·006 | ·500 | —·097 | ·783 | —·023 | ·910 | —·018 | ·943 | +·010 | ·880 | +·030 | ·589 | —·002 | ·382 | —·030 | ·355 | +·037 | ·564 | —·010 |
| Punjab | ·226 | —·024 | ·224 | —·047 | ·305 | —·041 | ·368 | —·063 | ·366 | —·150 | ·602 | —·066 | ·805 | —·052 | ·894 | +·016 | ·791 | +·051 | ·500 | +·061 | ·323 | +·013 | ·330 | +·086 | ·478 | —·018 |
| North-West Frontier Province.[3] | ·189 | —·017 | ·208 | —·036 | ·289 | —·069 | ·409 | —·061 | ·409 | —·135 | ·576 | —·097 | ·717 | —·084 | ·769 | —·005 | ·769 | +·072 | ·511 | +·090 | ·325 | +·038 | ·308 | +·095 | ·457 | —·017 |
| Sind | ·231 | —·045 | ·280 | —·036 | ·437 | +·031 | ·584 | +·011 | ·642 | —·085 | ·872 | 0 | ·912 | +·014 | ·899 | +·046 | ·861 | +·080 | ·680 | +·097 | ·436 | +·029 | ·399 | +·112 | ·603 | +·021 |
| Rajputana | ·194 | —·039 | ·172 | —·072 | ·230 | —·098 | ·301 | —·062 | ·438 | —·093 | ·686 | —·041 | ·783 | —·047 | ·779 | —·035 | ·754 | +·031 | ·440 | —·011 | ·258 | —·049 | ·281 | +·030 | ·443 | —·041 |
| Bombay | ·340 | —·045 | ·360 | —·033 | ·494 | —·010 | ·630 | —·002 | ·712 | —·037 | ·832 | —·003 | ·842 | +·004 | ·811 | —·002 | ·779 | —·004 | ·655 | —·022 | ·450 | —·037 | ·405 | +·012 | ·609 | —·015 |
| Central India | ·305 | +·002 | ·253 | —·033 | ·354 | +·032 | ·329 | —·072 | ·491 | —·053 | ·736 | —·029 | ·843 | +·011 | ·837 | +·011 | ·805 | +·019 | ·545 | +·007 | ·337 | —·029 | ·319 | +·025 | ·513 | —·009 |
| Central Provinces | ·283 | —·039 | ·233 | —·101 | ·248 | —·118 | ·352 | —·088 | ·388 | —·133 | ·701 | —·025 | ·792 | —·007 | ·773 | —·016 | ·757 | —·008 | ·538 | —·039 | ·313 | —·086 | ·321 | —·009 | ·475 | —·056 |
| Hyderabad | ·389 | —·041 | ·329 | —·099 | ·374 | —·105 | ·547 | —·036 | ·497 | —·083 | ·693 | —·019 | ·735 | +·007 | ·712 | —·010 | ·695 | —·032 | ·607 | —·033 | ·449 | —·047 | ·423 | —·003 | ·537 | —·042 |
| Mysore | ·519 | +·045 | ·469 | —·050 | ·529 | —·002 | ·659 | +·018 | ·651 | —·015 | ·649 | —·005 | ·637 | —·003 | ·635 | —·003 | ·604 | —·029 | ·609 | —·030 | ·515 | —·042 | ·457 | —·035 | ·578 | —·018 |
| Madras | ·680 | +·050 | ·644 | —·028 | ·748 | —·013 | ·846 | +·002 | ·844 | —·023 | ·809 | —·005 | ·821 | +·019 | ·817 | +·001 | ·806 | —·014 | ·817 | +·004 | ·673 | —·053 | ·617 | —·027 | ·760 | —·008 |

TABLE 9.—*Monthly and annual means of humidity with their departures from normal in the 15 chief political divisions of India.*

| Division. | Jan. | | Feb. | | March. | | April. | | May. | | June. | | July. | | August. | | Sept. | | Oct. | | Nov. | | Dec. | | Year. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. |
| Burma | 81 | —4 | 76 | —6 | 74 | —2 | 72 | —2 | 79 | —1 | 86 | —2 | 87 | —2 | 89 | —1 | 90 | 0 | 87 | —1 | 84 | —1 | 83 | —2 | 82 | —2 |
| Assam | 89 | —1 | 87 | —2 | 84 | +1 | 87 | +3 | 87 | 0 | 90 | 0 | 91 | +1 | 91 | 0 | 90 | —1 | 90 | +1 | 90 | 0 | 94 | +1 | 89 | 0 |
| Bengal | 85 | —1 | 79 | —1 | 79 | +1 | 80 | +3 | 81 | 0 | 86 | —1 | 87 | —2 | 89 | 0 | 87 | 0 | 85 | 0 | 80 | —2 | 84 | +1 | 83 | 0 |
| Bihar and Orissa | 77 | —3 | 68 | —5 | 58 | —4 | 60 | 0 | 61 | —5 | 76 | —1 | 84 | —2 | 88 | +1 | 87 | +2 | 79 | +1 | 72 | —5 | 79 | 0 | 74 | —2 |
| United Provinces | 76 | —5 | 60 | —10 | 48 | —6 | 39 | —3 | 34 | —12 | 60 | —3 | 76 | —6 | 89 | +3 | 84 | +5 | 70 | 0 | 68 | —1 | 78 | +1 | 65 | —3 |
| Punjab | 69 | —9 | 57 | —15 | 44 | —18 | 34 | —14 | 25 | —15 | 43 | —5 | 64 | —6 | 79 | +4 | 74 | +4 | 66 | +11 | 66 | +5 | 83 | +11 | 59 | —4 |
| North-West Frontier Province. | 64 | —7 | 61 | —10 | 48 | —20 | 44 | —15 | 32 | —13 | 41 | —7 | 56 | —4 | 67 | 0 | 71 | +4 | 71 | +12 | 71 | +5 | 84 | +13 | 59 | —3 |
| Sind | 51 | —10 | 52 | —7 | 53 | —1 | 54 | —2 | 57 | —2 | 66 | 0 | 73 | +1 | 79 | +3 | 77 | +8 | 71 | +9 | 59 | +1 | 76 | +16 | 64 | +1 |
| Rajputana | 49 | —9 | 37 | —15 | 27 | —16 | 25 | —8 | 32 | —7 | 50 | —4 | 64 | —7 | 75 | —1 | 75 | +6 | 49 | 0 | 44 | —6 | 58 | +1 | 49 | —5 |
| Bombay | 53 | —7 | 53 | —4 | 54 | —2 | 58 | —1 | 60 | —4 | 74 | —2 | 83 | 0 | 84 | 0 | 84 | +1 | 68 | —1 | 57 | —4 | 60 | +1 | 66 | —2 |
| Central India | 62 | —4 | 47 | —9 | 38 | —4 | 26 | —9 | 35 | —6 | 62 | —1 | 78 | —5 | 90 | +2 | 88 | +6 | 62 | —1 | 56 | —3 | 63 | —1 | 59 | —3 |
| Central Provinces | 51 | —11 | 37 | —17 | 26 | —18 | 28 | —10 | 27 | —11 | 67 | +2 | 81 | —3 | 85 | —2 | 84 | +2 | 61 | —6 | 50 | —10 | 56 | —7 | 54 | —8 |
| Hyderabad | 56 | —7 | 42 | —13 | 36 | —13 | 46 | —3 | 37 | —12 | 69 | +1 | 81 | +3 | 79 | —1 | 77 | —2 | 66 | —1 | 61 | —2 | 64 | +1 | 59 | —4 |
| Mysore | 74 | +2 | 65 | —5 | 63 | +1 | 73 | +4 | 72 | —2 | 81 | 0 | 83 | —1 | 84 | 0 | 81 | —2 | 77 | —3 | 71 | —4 | 71 | —3 | 75 | —1 |
| Madras | 81 | +3 | 75 | —2 | 74 | 0 | 74 | +2 | 67 | —4 | 71 | —1 | 80 | +3 | 79 | +1 | 79 | 0 | 83 | +3 | 77 | —1 | 77 | —1 | 76 | 0 |

TABLE 10.—*Monthly and annual means of cloud with their departures from normal in the 15 chief political divisions of India.*

| Division. | Jan. | | Feb. | | March. | | April. | | May. | | June. | | July. | | August. | | Sept. | | Oct. | | Nov. | | Dec. | | Year. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. |
| Burma . . . | 3·2 | +0·8 | 2·6 | —0·3 | 3·6 | +1·3 | 3·8 | +0·6 | 6·5 | +0·8 | 7·9 | +0·3 | 8·0 | 0 | 8·5 | +0·4 | 7·7 | +0·5 | 5·8 | +0·5 | 4·4 | +0·6 | 3·1 | +0·2 | 5·4 | +0·5 |
| Assam . . . | 5·0 | +1·3 | 4·0 | +0·2 | 4·6 | +0·6 | 6·5 | +1·1 | 6·1 | 0 | 7·5 | +0·1 | 7·3 | —0·4 | 7·1 | —0·5 | 6·0 | —0·8 | 5·0 | —0·3 | 2·9 | —1·4 | 4·5 | +1·3 | 5·6 | +0·1 |
| Bengal . . . | 3·2 | +1·3 | 1·9 | —0·4 | 3·9 | +0·9 | 5·0 | +1·1 | 5·9 | +0·7 | 7·6 | +0·5 | 7·6 | —0·2 | 7·9 | +0·4 | 6·6 | +0·3 | 4·2 | +0·6 | 1·4 | —0·5 | 1·0 | —0·7 | 4·7 | +0·3 |
| Bihar and Orissa . | 2·6 | +0·6 | 1·1 | —1·2 | 1·7 | —0·3 | 2·3 | 0 | 2·3 | —0·2 | 6·0 | +0·7 | 6·9 | 0 | 8·0 | +1·2 | 6·2 | +0·7 | 2·7 | +0·1 | 1·2 | —0·7 | 0·8 | —0·6 | 3·5 | 0 |
| United Provinces . | 2·0 | —0·4 | 1·1 | —1·5 | 0·7 | —1·2 | 0·9 | —0·7 | 0·4 | —1·1 | 3·9 | 0 | 5·4 | —1·1 | 8·1 | +1·4 | 4·9 | +0·9 | 0·6 | —0·6 | 0·5 | —0·3 | 1·5 | +0·1 | 2·5 | —0·4 |
| Punjab . . . | 2·9 | —0·6 | 1·9 | —1·7 | 1·7 | —1·6 | 1·3 | —1·0 | 0·6 | —0·9 | 1·9 | —0·2 | 3·4 | —0·9 | 4·6 | +0·2 | 2·3 | +0·3 | 0·9 | +0·3 | 1·4 | +0·1 | 4·3 | +1·8 | 2·3 | —0·3 |
| North-West Frontier Province. | 2·6 | —1·3 | 2·3 | —1·5 | 2·0 | —2·0 | 1·5 | —1·5 | 0·7 | —0·9 | 0·7 | —0·9 | 2·1 | —0·6 | 2·6 | —0·1 | 0·6 | —0·5 | 1·5 | +0·7 | 2·4 | +0·5 | 4·5 | +1·4 | 1·9 | —0·6 |
| Sind . . . | 1·6 | —1·1 | 0·7 | —1·9 | 0·4 | —2·0 | 0·8 | —1·2 | 1·2 | —0·4 | 1·8 | —1·3 | 3·3 | —0·7 | 3·7 | —1·0 | 2·5 | +0·2 | 0·5 | —0·3 | 1·1 | —0·2 | 1·7 | —0·5 | 1·6 | —0·9 |
| Rajputana . . | 2·0 | —0·3 | 0·8 | —1·8 | 0·4 | —1·9 | 0·7 | —1·2 | 0·1 | —1·0 | 2·1 | —0·6 | 5·0 | —0·8 | 6·2 | +0·1 | 4·0 | +0·6 | 0·3 | —0·7 | 0·8 | —0·3 | 2·0 | 0 | 2·0 | —0·7 |
| Bombay . . . | 1·2 | —0·2 | 1·1 | —0·4 | 0·8 | —0·6 | 2·2 | —0·1 | 2·8 | —0·1 | 6·4 | +0·3 | 7·8 | —0·1 | 7·6 | 0 | 6·9 | +1·3 | 2·6 | —0·2 | 1·5 | 0 | 1·3 | —0·3 | 3·5 | 0 |
| Central India . . | 1·7 | —0·5 | 0·6 | —1·6 | 0·2 | —1·8 | 0·6 | —1·3 | 0·3 | —1·5 | 4·9 | —0·3 | 6·9 | —1·1 | 9·1 | +0·9 | 6·5 | +1·3 | 0·5 | —1·2 | 0·5 | —0·7 | 1·0 | —0·7 | 2·7 | —0·7 |
| Central Provinces . | 1·8 | +0·2 | 1·0 | —1·0 | 0·4 | —1·4 | 1·7 | —0·3 | 1·3 | —0·9 | 6·5 | +1·0 | 7·1 | —0·8 | 7·9 | 0 | 6·6 | +0·9 | 1·7 | —0·8 | 1·1 | —0·5 | 1·1 | —0·8 | 3·2 | —0·4 |
| Hyderabad . . | 2·0 | +0·2 | 1·1 | —0·4 | 0·8 | —0·5 | 2·4 | +0·3 | 2·2 | —1·1 | 7·1 | +0·9 | 7·9 | +0·4 | 7·4 | +0·3 | 6·4 | +0·4 | 3·1 | —0·3 | 1·7 | —0·6 | 1·7 | —0·3 | 3·6 | —0·1 |
| Mysore . . . | 3·8 | +0·7 | 2·5 | +0·1 | 1·3 | —0·4 | 4·6 | +1·1 | 3·5 | —1·6 | 7·6 | —0·4 | 8·6 | —0·3 | 8·1 | —0·6 | 7·4 | +0·1 | 5·9 | —0·5 | 3·3 | —1·7 | 3·7 | —0·1 | 5·0 | —0·3 |
| Madras . . . | 4·3 | +1·8 | 2·3 | —0·3 | 2·1 | —0·6 | 4·5 | +0·7 | 4·3 | —0·2 | 6·0 | —0·1 | 7·3 | +0·6 | 6·6 | +0·3 | 6·3 | +0·2 | 6·0 | +1·0 | 3·4 | —0·9 | 3·7 | 0 | 4·8 | +0·2 |

## Rainfall.

*The cold weather period, January and February.*—Twelve western disturbances passed into northern India during the period. Of the two most important, the first entered northern India on the 19th January and intensified into a definite depression over Central India on the 20th; it caused widespread and unusually heavy rain from the east Punjab to Assam, as well as in the central parts of the country. The other disturbance caused on the 24th and 25th widespread and heavy rain in northeast India and Burma. The precipitation associated with the rest of these disturbances was light, and was either confined to the hills around the Punjab and the adjoining plains, or occurred in scattered falls over northern India.

The monsoon was unusually active in the Peninsula in January; a depression which formed to the southeast of Ceylon caused between the 9th and 14th widespread rain in the southern half of the Peninsula, with locally heavy rain on the south Coromandel coast. Weather became again unsettled in the southwest of the Bay on the 18th, and nearly general rainfall occurred in southeast Madras and the adjacent divisions to the north.

The two months of the period were in remarkable contrast to each other: January recorded an excess of 152 per cent., an excess shared by all the divisions excluding Bombay and northwest India; February on the other hand had only 18 per cent. of the usual amount, little or no rain being received outside northeast India and the northwest frontier. The only year with a drier February was 1918, when the deficiency amounted to 0·47″ as against 0·46″ this year.

The total rainfall of the period was above normal by 292 per cent. in Upper Burma, 265 per cent. in Madras, 223 per cent. in Mysore, about 90 per cent. in Orissa and Central India, and nearly 40 per cent. in the east of the United Provinces and of Rajputana. It was about normal or in slight excess in Assam, Bengal, Bihar, Chota Nagpur, the United Provinces West and the Central Provinces East, and in moderate to large defect over the rest of the country; little or no rain fell in the Punjab Southwest, Rajputana West and the greater part of the Bombay Presidency. The last three months of the preceding year were also exceptionally dry over most of northwest and Central India; in fact during all these five months Sind, Rajputana West and Gujarat had no rain at all, while the Punjab Southwest had only 0·2″ (normal 1·5″), Berar 0·3″ (normal 3·2″) and Baluchistan 0·6″ (normal 4·2″).

*II. The hot weather period, March to May.*—Fourteen disturbances of the winter type passed into northwest India during the period, but the associated rainfall was light and confined to the hill districts around the Punjab. On passing eastwards they stimulated the inflow of humid winds from the Bay and caused abundant rain in Assam and Bengal. The disturbed weather caused by one of these western depressions in March was attended by tornadoes and exceptionally heavy rain in east Bengal. Two tornadoes passed over Patuakhali town, Bogra Bandar and Nalchiti in the Bakarganj district on the nights of the 8th and 9th, causing considerable damage to property and some loss of human life: 28 godowns and over 400 houses were blown down and the total damage was estimated as over Rs. 50,000. In the 48 hours ending at 8 hours of the 10th Chittagong and Narayanganj each received about 8″ of rain and Barisal 6″. Another tornado towards the end of April blew down almost all houses other than *pucca* buildings in two villages in the Brahmanbaria sub-division of district Tipperah.

A slight storm which formed in the southwest of the Bay on the 6th April, and advanced northwards roughly parallel to the coast line caused fairly widespread and, for the time of year, heavy rain in south Madras and in the Circars.

Temporary advances of the monsoon occurred several times during May, and rain fell fairly frequently in Burma, northeast India, Mysore and Madras; but the amounts were generally below normal. Outside these areas the weather was exceptionally dry. In connection with one of these temporary advances a depression formed in the centre of the Bay; moving northeast, it crossed the Arakan coast on the 14th, and disappeared after causing locally heavy rain there and in Upper Burma.

The total rainfall of the period was 28 per cent. above normal in Assam, and was normal in Lower Burma, Bengal, Mysore and Malabar. It was in slight defect in Madras Southeast and the Madras Deccan, and in moderate defect in the Bay Islands, Upper Burma, Bihar and the Madras Coast North. There was little or no rain in northwest India excluding Kashmir and the North-West Frontier Province, and in the central parts of the country. This hot weather was indeed the driest on record in the whole tract of country extending from Sind and the Punjab to Bihar and Orissa. Such general dearth of rain in this season occurred in the years 1884 and 1887.

It is interesting to note that the preceding cold weather and retreating monsoon periods were also characterised by a large deficiency of rainfall over most of northwest and central India. The following table giving the actual and normal falls for the eight months from October 1920 to May 1921 shows what a small quantity was received by many divisions since the close of the last monsoon. Sind, Rajputana West and Gujarat had no rain at all, while the Punjab Southwest, Baluchistan, Berar, the Central Provinces West and Hyderabad North had only about half an inch:—

TABLE 11.

| Sub-division. | Rainfall October 1920 to May 1921. | | | |
|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. |
| | " | " | " | |
| 1. Bay Islands | 24·2 | 28·7 | —4·5 | —16 |
| 2. Lower Burma | 26·2 | 26·4 | —0·2 | —1 |
| 3. Upper Burma | 11·6 | 15·6 | —4·0 | —26 |
| 4. Assam | 40·1 | 34·6 | +5·5 | +16 |
| 5. Bengal | 22·1 | 20·3 | +1·8 | +9 |
| 6. Orissa | 7·4 | 13·0 | —5·6 | —43 |
| 7. Chota Nagpur | 3·0 | 8·7 | —5·7 | —66 |
| 8. Bihar | 3·4 | 7·6 | —4·2 | —55 |
| 9. United Provinces, East | 2·1 | 4·8 | —2·7 | —56 |
| 10. Do. do. West | 2·6 | 4·9 | —2·3 | —47 |
| 11. Punjab, East and North | 1·1 | 5·3 | —4·2 | —79 |
| 12. Do. Southwest | 0·3 | 3·0 | —2·7 | —90 |
| 13. Kashmir | 11·5 | 21·0 | —9·5 | —45 |
| 14. North-West Frontier Province | 1·9 | 8·7 | —6·8 | —78 |
| 15. Baluchistan | 0·7 | 6·5 | —5·8 | —89 |
| 16. Sind | 0 | 1·3 | —1·3 | —100 |
| 17. Rajputana, West | 0 | 1·6 | —1·6 | —100 |
| 18. Do. East | 1·0 | 2·5 | —1·5 | —60 |
| 19. Gujarat | 0 | 1·4 | —1·4 | —100 |
| 20. Central India, West | 1·3 | 2·5 | —1·2 | —48 |
| 21. Do. do. East | 1·9 | 3·8 | —1·9 | —50 |
| 22. Berar | 0·4 | 4·2 | —3·8 | —90 |
| 23. Central Provinces, West | 0·7 | 4·8 | —4·1 | —85 |
| 24. Do. do. East | 1·6 | 6·0 | —4·4 | —73 |
| 25. Konkan | 3·4 | 6·7 | —3·3 | —49 |
| 26. Bombay Deccan | 2·5 | 6·4 | —3·9 | —61 |
| 27. Hyderabad, North | 0·6 | 5·2 | —4·6 | —88 |
| 28. Do. South | 2·0 | 6·5 | —4·5 | —69 |
| 29. Mysore | 10·9 | 13·7 | —2·8 | —20 |
| 30. Malabar | 38·4 | 31·2 | +7·2 | +23 |
| 31. Madras, Southeast | 34·9 | 23·3 | +11·6 | +50 |
| 32. Do. Deccan | 6·2 | 9·4 | —3·2 | —34 |
| 33. Do. Coast, North | 13·0 | 15·1 | —2·1 | —14 |

*III. The monsoon period, June to September.*—The Arabian Sea monsoon broke on the Malabar coast on the 2nd, about the usual date, and in the interior of the Peninsula on the 3rd. After a slight delay it reached Bombay and the central parts of the country on the 9th, and extended into Gujarat on the 10th. The Bay monsoon reached Bengal as early as the 26th May, nearly a fortnight before the normal date, and extended into Bihar and Orissa on the 8th June; it extended feebly into the United Provinces on the 12th, but it was not till the 18th that the monsoon was effectively established there. Both the currents were active between the 18th and 23rd, giving widespread rain in the United and the Central Provinces. But on the 25th a break set in over the whole field of the Arabian Sea current and lasted till the 4th July. During the next two days the monsoon strengthened in the Peninsula and within a week it had extended into the United Provinces and the Punjab. Till then the rainfall in northwest India had been very scanty, Gujarat and Rajputana having received less than a seventh of their normal amount.

Fortunately a vigorous monsoon prevailed during the next four weeks over the greater part of the country. Particularly heavy rain fell on the 22nd and 23rd July from Bombay to Surat, Bulsar receiving 15″ on the 22nd with 6″ both on the preceding and succeeding days. It is reported that Naosari had 11″ in 12 hours. Kalyan and the low lying villages near Bombay were inundated, and train and telegraphic communications were temporarily disorganised. In the last week of July the activity of the monsoon was aided by a storm, which travelled from the head of the Bay to Baluchistan and gave widespread and locally heavy rain along its

track. Heavy rainfall early in August resulted in extensive damage to communications in Derajat and Waziristan; and heavy falls over the north Punjab hills on the night of the 12th caused a sudden flood in the Jhelum river. Jhelum city was breast-deep under water at noon of the 13th; the flood began to subside in the evening, but left the upper part of the city a mass of debris. This flood was said to have been equalled only by the floods of 1850 and 1893. But another partial break set in about the middle of August in the north of the Peninsula and the greater part of northwest India; this lasted, with occasional interruptions, until the end of the month in northwest India and until the middle of September in the Deccan. Over the rest of the country the monsoon continued fairly active throughout August.

In September three depressions moving westwards over northern India concentrated the rainfall to an unusual extent in the United Provinces, Gujarat, Rajputana East and the central parts of the country. In connection with the last of these depressions there was very heavy rain in the Saran district of Bihar between the evening of the 14th September and midday of the 15th, over 12″ being reported at Chapra and 20″ at Siwan. The monsoon withdrew from northwest India on the 23rd, a week after its usual date.

The rainfall of the period over the plains of India as a whole was nearly normal, being in excess by only 1·4″ or 4 per cent. It was fairly well distributed, no considerable excess or serious deficiency occurring in any division. It was 22 per cent. above normal in the United Provinces, 14 per cent. in Sind and 10 per cent. in Bihar and Orissa, while in the North-West Frontier Province it was in defect by 10 per cent. Over the remaining divisions the departures were within 10 per cent. of the normal.

*IV. The retreating southwest monsoon period, October to December.*—During October and the first ten days of November the monsoon was unusually active in the Indian seas. Six depressions formed in the Bay. Of these four travelled up to the north of the Bay and disappeared without crossing the coast; they concentrated the rainfall to an unusual extent in the coast districts affected by them, the Arakan coast having several bursts of very heavy rain. The other two disturbances passed out into the Arabian Sea: the first gave locally heavy rain on the north Coromandel Coast, and the second, though feeble, caused widespread and locally heavy rain in the south of the Peninsula. From the 11th November to the 25th of December there was practically no monsoon, but on the 27th December a depression, which formed to the east of Ceylon and travelled northwest to the neighbourhood of the Laccadives, caused a burst of monsoon rain in the Peninsula; widespread and locally heavy rain fell in south Madras in the last four days of the month.

There was a normal march of winter disturbances across northern India during the period. Two of them caused between the 14th and 19th of October widespread and unusually heavy rain in northeast Baluchistan, along the western Himalayas and in the adjoining plains. In November, although unusually heavy rain fell in Persia, the disturbances caused no rain in India except for some very light falls in Kashmir and along the northwest frontier. The four disturbances of December on the other hand caused exceptionally heavy rain over the whole of northwest India, excluding Gujarat and Rajputana.

The total rainfall of the period was very largely above normal in northwest India, excluding Gujarat and Rajputana, largely above normal in the Madras Deccan, and in slight to moderate excess in Upper Burma, the Bombay Deccan, Hyderabad South and Mysore. It was normal in Lower Burma, Assam and Malabar, and in defect elsewhere.

*The year.*—I. During the cold weather period precipitation was exceptionally deficient in northwest India; but the rest of northern India received roughly normal amounts, while Upper Burma had a large excess. A large excess was also recorded in the south of the Peninsula.

II. The rainfall of the hot weather was in large defect except in Assam, Bengal, Lower Burma and the south of the Peninsula.

III. The Arabian Sea monsoon set in about the normal date, while the Bay monsoon appeared in Bengal nearly a fortnight earlier than usual. The total rainfall of the monsoon season was nearly normal when averaged over the plains of India; it was fairly well distributed, no large defect occurring in any part of the country. The largest excesses were 3·4″ or 52 per cent. in the southwest Punjab and about 10″ or 32 per cent. in Gujarat and the United Provinces West, while the greatest deficiency was 3·6″ or 24 per cent. in the Madras Deccan.

IV. Winter depressions began early and gave unusually heavy rain in northwest India excluding Rajputana and Gujarat in the period October to December; but weather was much drier than usual in Rajputana, the United Provinces, Bihar and Orissa and the central parts of the country.

V. The total rainfall of the year fell short of the normal by nearly 4″ in Hyderabad, about 3″ in the Punjab, Rajputana and the Central Provinces, and by 2″ in the North-West Frontier Province; in Assam it was in excess by 12″. Elsewhere roughly normal amounts were recorded.

**Monthly and seasonal rainfall data in the 15 chief political divisions and 33 sub-divisions.**

TABLE 12.—*Average over the 15 chief political divisions of the*

| Division. | January. | | | February. | | | March. | | | April. | | | May. | | | June. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| | " | " | | " | " | | " | " | | " | " | | " | " | | " | " | |
| Burma . . . | 0·71 | +0·58 | +446 | 0·05 | —0·15 | —75 | 0·50 | +0·01 | +2 | 0·83 | —0·51 | —38 | 7·35 | —1·32 | —15 | 14·10 | —1·18 | —8 |
| Assam . | 1·41 | +0·67 | +91 | 0·85 | —0·63 | —43 | 5·38 | +1·56 | +41 | 12·65 | +3·28 | +35 | 14·96 | +2·39 | +19 | 21·68 | +3·86 | +22 |
| Bengal . . . | 1·18 | +0·80 | +211 | 0·28 | —0·72 | —72 | 3·09 | +1·32 | +75 | 3·86 | +0·60 | +18 | 6·98 | —1·15 | —14 | 12·93 | —1·49 | —10 |
| Bihar and Orissa | 1·56 | +1·06 | +212 | 0·15 | —0·83 | —85 | 0·21 | —0·55 | —72 | 0·79 | —0·12 | —13 | 0·74 | —1·79 | —71 | 7·33 | —1·01 | —12 |
| United Provinces . | 1·92 | +1·10 | +134 | 0·05 | —0·71 | —93 | 0·07 | —0·43 | —86 | 0·18 | —0·07 | —28 | 0·02 | —0·64 | —97 | 6·25 | +1·95 | +45 |
| Punjab . . . | 0·60 | —0·49 | —45 | 0·19 | —0·78 | —80 | 0·03 | —0·82 | —96 | 0·04 | —0·48 | —92 | 0·04 | —0·51 | —93 | 0·68 | —1·07 | —61 |
| North-West Frontier Province. | 0·56 | —0·92 | —62 | 0·49 | —0·90 | —65 | 0·27 | —1·73 | —87 | 0·24 | —1·44 | —86 | 0·08 | —0·69 | —90 | 0·40 | —0·54 | —57 |
| Sind . . . | 0 | —0·25 | —100 | 0 | —0·32 | —100 | 0 | —0·25 | —100 | 0·01 | —0·10 | —90 | 0 | —0·10 | —100 | 0·10 | —0·41 | —80 |
| Rajputana . . | 0·68 | +0·36 | +113 | 0 | —0·33 | —100 | 0 | —0·26 | —100 | 0·01 | —0·17 | —94 | 0 | —0·37 | —100 | 0·70 | —1·50 | —68 |
| Bombay . . . | 0·04 | —0·05 | —55 | 0 | —0·08 | —100 | 0·02 | —0·09 | —82 | 0·47 | +0·06 | +15 | 0·05 | —0·87 | —95 | 6·29 | —2·67 | —30 |
| Central India . . | 1·50 | +1·14 | +317 | 0·05 | —0·40 | —89 | 0 | —0·27 | —100 | 0 | —0·23 | —100 | 0 | —0·28 | —100 | 4·52 | +0·22 | +5 |
| Central Provinces . | 0·95 | +0·58 | +157 | 0·03 | —0·66 | —96 | 0 | —0·51 | —100 | 0·10 | —0·45 | —82 | 0 | —0·49 | —100 | 10·72 | +3·73 | +53 |
| Hyderabad . . | 0·15 | 0 | 0 | 0 | —0·21 | —100 | 0·01 | —0·38 | —97 | 0·33 | —0·33 | —50 | 0·11 | —0·64 | —85 | 6·33 | +1·39 | +28 |
| Mysore . . | 0·71 | +0·60 | +545 | 0 | —0·11 | —100 | 0·10 | —0·21 | —68 | 3·26 | +1·76 | +117 | 1·82 | —1·75 | —49 | 4·16 | —0·64 | —13 |
| Madras . . . | 3·51 | +2·98 | +562 | 0·03 | —0·41 | —93 | 0·17 | —0·46 | —73 | 3·03 | +1·27 | +72 | 1·39 | —1·46 | —51 | 5·92 | —1·57 | —21 |
| Mean of India . | 1·11 | +0·67 | +152 | 0·10 | —0·46 | —82 | 0·50 | —0·21 | —30 | 1·32 | +0·07 | +6 | 2·29 | —0·77 | —25 | 7·39 | —0·29 | —4 |

*monthly and annual rainfall, and its departure from normal.*

| July. | | | August. | | | September. | | | October. | | | November. | | | December. | | | Year. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| " | " | | " | " | | " | " | | " | " | | " | " | | " | " | | " | " | |
| 15·62 | —0·94 | —6 | 18·23 | +2·07 | +13 | 13·61 | +1·88 | +16 | 6·96 | +0·33 | +5 | 3·72 | +1·57 | +73 | 0·02 | —0·46 | —96 | 81·70 | +1·88 | +2 |
| 18·43 | +0·21 | +1 | 15·95 | —0·70 | —4 | 13·36 | +1·46 | +12 | 5·82 | +0·46 | +9 | 0·26 | —0·61 | —70 | 0·38 | —0·02 | —5 | 111·13 | +11·03 | +12 |
| 17·92 | +2·57 | +17 | 15·47 | +1·35 | +9 | 10·24 | —0·45 | —4 | 4·33 | —0·36 | —8 | 0·03 | —0·71 | —96 | 0·03 | —0·17 | —85 | 76·34 | +1·59 | +2 |
| 12·77 | +0·44 | +4 | 15·17 | +2·20 | +17 | 10·87 | +2·41 | +28 | 1·60 | —1·13 | —41 | 0 | —0·62 | —100 | 0 | —0·19 | —100 | 51·19 | —0·13 | 0 |
| 7·56 | —3·83 | —34 | 17·49 | +6·15 | +54 | 9·42 | +3·08 | +49 | 0·57 | —0·77 | —57 | 0 | —0·18 | —100 | 0·03 | —0·29 | —91 | 43·56 | +5·36 | +14 |
| 5·06 | —0·20 | —4 | 6·13 | +0·83 | +16 | 2·30 | —0·36 | —14 | 0·78 | +0·54 | +225 | 0 | —0·13 | —100 | 1·03 | +0·64 | +164 | 16·88 | —2·83 | —14 |
| 2·37 | —0·58 | —20 | 3·61 | +0·47 | +15 | 1·02 | —0·20 | —16 | 1·12 | +0·74 | +195 | 0·24 | —0·10 | —29 | 4·54 | +3·99 | +725 | 14·94 | —1·90 | —11 |
| 4·27 | +1·47 | +53 | 1·03 | —0·69 | —40 | 0·90 | +0·42 | +87 | 0 | —0·03 | —100 | 0 | —0·07 | —100 | 0·92 | +0·83 | +922 | 7·23 | +0·50 | +7 |
| 5·90 | —0·71 | —11 | 5·21 | —1·00 | —16 | 4·80 | +1·60 | +50 | 0·05 | —0·24 | —83 | 0 | —0·13 | —100 | 0·03 | —0·18 | —86 | 17·38 | —2·93 | —14 |
| 18·67 | +3·03 | +19 | 8·24 | —1·34 | —14 | 9·53 | +3·08 | +48 | 2·02 | —0·37 | —15 | 0·96 | +0·31 | +48 | 0 | —0·20 | —100 | 46·29 | +0·81 | +2 |
| 8·03 | —2·77 | —26 | 11·06 | +0·65 | +6 | 8·63 | +2·75 | +47 | 0·04 | —0·69 | —95 | 0 | —0·41 | —100 | 0 | —0·21 | —100 | 33·83 | —0·50 | —1 |
| 10·30 | —3·00 | —23 | 11·60 | —0·29 | —2 | 7·94 | +0·66 | +9 | 0·24 | —1·36 | —85 | 0 | —0·50 | —100 | 0 | —0·40 | —100 | 41·88 | —2·69 | —6 |
| 8·68 | +1·42 | +20 | 4·18 | —2·87 | —41 | 5·16 | —2·30 | —31 | 2·19 | —0·37 | —14 | 1·54 | +0·72 | +88 | 0 | —0·30 | —100 | 28·68 | —3·87 | —12 |
| 7·95 | +0·45 | +6 | 6·36 | +1·12 | +21 | 2·94 | —2·04 | —41 | 5·69 | +0·25 | +5 | 3·28 | +1·17 | +55 | 0 | —0·49 | —100 | 36·27 | +0·11 | 0 |
| 8·90 | +0·60 | +7 | 8·50 | +1·99 | +31 | 5·34 | —0·51 | —9 | 9·39 | +1·67 | +22 | 2·91 | —2·38 | —45 | 1·26 | —0·94 | —43 | 50·35 | +0·78 | +2 |
| 10·98 | —0·25 | —2 | 10·97 | +0·87 | +9 | 7·98 | +1·08 | +16 | 3·08 | —0·08 | —3 | 1·08 | —0·12 | —10 | 0·37 | —0·13 | —26 | 47·17 | +0·38 | +1 |

TABLE 13.—*Average over the 33 sub-divisions of the monthly and annual*

| Division. | JANUARY. | | | | | FEBRUARY. | | | | | MARCH. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rainy days. | | Rainfall. | | | Rainy days. | | Rainfall. | | | Rainy days. | | Rainfall. | | |
| | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| | | | " | " | | | | " | " | | | | " | " | |
| 1. Bay Islands | 0·7 | —0·4 | 0·45 | —0·46 | —51 | 0·3 | —0·5 | 0·04 | —0·50 | —93 | 0 | —0·9 | 0 | —0·63 | —100 |
| 2. Lower Burma | 0·2 | —0·1 | 0·08 | —0·08 | —50 | 0 | —0·4 | 0·02 | —0·23 | —92 | 0·9 | +0·2 | 0·56 | —0·02 | —3 |
| 3. Upper Burma | 1·0 | +0·7 | 0·96 | +0·86 | +860 | 0·2 | —0·2 | 0·06 | —0·10 | —63 | 0·9 | 0 | 0·45 | +0·02 | +5 |
| 4. Assam | 3·2 | +1·5 | 1·41 | +0·67 | +91 | 2·3 | —1·0 | 0·85 | —0·63 | —43 | 6·9 | +0·7 | 5·38 | +1·56 | +41 |
| 5. Bengal | 2·0 | +1·2 | 1·18 | +0·80 | +211 | 0·7 | —1·0 | 0·28 | —0·72 | —72 | 2·8 | +0·2 | 3·09 | +1·32 | +75 |
| 6. Orissa | 3·0 | +2·2 | 2·71 | +2·30 | +561 | 0·3 | —1·4 | 0·09 | —1·00 | —92 | 0·4 | —1·5 | 0·19 | —0·85 | —82 |
| 7. Chota Nagpur | 1·6 | +0·3 | 1·46 | +0·79 | +118 | 1·3 | —1·0 | 0·47 | —0·88 | —65 | 0·1 | —1·8 | 0·02 | —0·94 | —98 |
| 8. Bihar | 1·1 | +0·1 | 1·07 | +0·61 | +133 | 0 | —1·7 | 0·04 | —0·72 | —95 | 0·6 | —0·6 | 0·30 | —0·24 | —44 |
| 9. United Provinces, East | 2·4 | +1·0 | 1·65 | +1·00 | +154 | 0·1 | —1·2 | 0·03 | —0·53 | —95 | 0·2 | —0·6 | 0·07 | —0·27 | —79 |
| 10. Do. do., West | 2·5 | +0·5 | 2·16 | +1·19 | +123 | 0·2 | —1·5 | 0·07 | —0·86 | —92 | 0·2 | —1·1 | 0·08 | —0·55 | —87 |
| 11. Punjab, East and North | 1·4 | —0·9 | 0·69 | —0·57 | —45 | 0·6 | —1·6 | 0·24 | —0·85 | —78 | 0·1 | —1·8 | 0·04 | —0·89 | —96 |
| 12. Do., Southwest | 0·1 | —1·2 | 0·02 | —0·51 | —96 | 0·2 | —1·2 | 0·05 | —0·53 | —91 | 0·1 | —1·5 | 0·02 | —0·61 | —97 |
| 13. Kashmir | 5·7 | +0·3 | 3·90 | —0·22 | —5 | 3·2 | —2·2 | 2·09 | —1·79 | —46 | 3·3 | —2·8 | 2·12 | —2·15 | —50 |
| 14. North-West Frontier Province | 1·4 | —1·3 | 0·56 | —0·92 | —62 | 1·5 | —1·5 | 0·49 | —0·90 | —65 | 0·8 | —3·0 | 0·27 | —1·73 | —87 |
| 15. Baluchistan | 0·9 | —2·2 | 0·31 | —1·13 | —79 | 0·2 | —2·8 | 0·04 | —1·37 | —97 | 0·1 | —3·1 | 0·02 | —1·35 | —99 |
| 16. Sind | 0 | —0·7 | 0 | —0·25 | —100 | 0 | —0·8 | 0 | —0·32 | —100 | 0 | —0·5 | 0 | —0·25 | —100 |
| 17. Rajputana, West | 0 | —0·5 | 0·01 | —0·19 | —95 | 0 | —0·6 | 0 | —0·29 | —100 | 0 | —0·6 | 0 | —0·23 | —100 |
| 18. Do., East | 1·1 | +0·1 | 0·98 | +0·61 | +165 | 0 | —0·8 | 0 | —0·35 | —100 | 0 | —0·7 | 0 | —0·27 | —100 |
| 19. Gujarat | 0 | —0·1 | 0·01 | —0·04 | —80 | 0 | —0·2 | 0 | —0·11 | —100 | 0 | —0·2 | 0 | —0·08 | —100 |
| 20. Central India, West | 1·5 | +0·9 | 1·32 | +1·04 | +371 | 0 | —0·7 | 0·01 | —0·31 | —97 | 0 | —0·5 | 0 | —0·21 | —100 |
| 21. Do. do., East | 2·1 | +1·0 | 1·78 | +1·28 | +256 | 0·5 | —0·9 | 0·10 | —0·56 | —85 | 0 | —0·9 | 0 | —0·37 | —100 |
| 22. Berar | 0·8 | +0·2 | 0·31 | —0·03 | —9 | 0 | —0·7 | 0 | —0·31 | —100 | 0 | —0·8 | 0 | —0·35 | —100 |
| 23. Central Provinces, West | 1·3 | +0·4 | 0·63 | +0·17 | +37 | 0·3 | —1·0 | 0·08 | —0·57 | —88 | 0 | —1·2 | 0 | —0·56 | —100 |
| 24. Do. do., East | 1·3 | +0·6 | 1·54 | +1·20 | +353 | 0 | —1·6 | 0·01 | —0·95 | —99 | 0 | —1·2 | 0 | —0·57 | —100 |
| 25. Konkan | 0·1 | 0 | 0·02 | —0·07 | —78 | 0 | —0·1 | 0 | —0·04 | —100 | 0·1 | 0 | 0·05 | —0·01 | —17 |
| 26. Bombay Deccan | 0·2 | 0 | 0·06 | —0·06 | —50 | 0 | —0·2 | 0 | —0·07 | —100 | 0·1 | —0·2 | 0·04 | —0·11 | —73 |
| 27. Hyderabad, North | 0·6 | +0·3 | 0·19 | +0·05 | +36 | 0 | —0·5 | 0 | —0·19 | —100 | 0 | —0·7 | 0·01 | —0·36 | —97 |
| 28. Do., South | 0·4 | +0·1 | 0·10 | —0·06 | —37 | 0 | —0·5 | 0 | —0·24 | —100 | 0 | —0·8 | 0 | —0·40 | —100 |
| 29. Mysore | 1·6 | +1·4 | 0·71 | +0·60 | +545 | 0 | —0·2 | 0 | —0·11 | —100 | 0·3 | —0·3 | 0·10 | —0·21 | —68 |
| 30. Malabar | 3·0 | +2·3 | 1·83 | +1·35 | +281 | 0·2 | —0·8 | 0·15 | —0·46 | —75 | 1·1 | —0·9 | 0·66 | —0·58 | —47 |
| 31. Madras, Southeast | 6·5 | +5·4 | 6·11 | +5·35 | +704 | 0 | —0·7 | 0 | —0·48 | —100 | 0·1 | —0·7 | 0·05 | —0·44 | —90 |
| 32. Do., Deccan | 0·9 | +0·6 | 0·31 | +0·15 | +94 | 0 | —0·2 | 0 | —0·09 | —100 | 0·1 | —0·2 | 0·02 | —0·19 | —90 |
| 33. Do. Coast, North | 2·3 | +1·9 | 1·71 | +1·39 | +434 | 0 | —0·6 | 0·01 | —0·36 | —97 | 0 | —0·8 | 0·02 | —0·50 | —96 |

*rainfall and number of rainy days, and their departures from normal.*

| APRIL. | | | | | MAY. | | | | | JUNE. | | | | | JULY. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RAINY DAYS. | | RAINFALL. | | | RAINY DAYS. | | RAINFALL. | | | RAINY DAYS. | | RAINFALL. | | | RAINY DAYS. | | RAINFALL. | | |
| Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| | | " | " | | | | " | " | | | | " | " | | | | " | " | |
| 2·3 | 0 | 1·17 | —0·23 | —16 | 10·0 | —0·3 | 6·88 | —2·09 | —23 | 15·7 | —0·2 | 11·69 | —2·21 | —16 | 15·3 | —1·0 | 16·28 | +3·58 | +28 |
| 0·9 | —1·3 | 0·66 | —1·00 | —60 | 14·4 | +1·4 | 12·85 | +0·17 | +1 | 23·6 | +1·6 | 25·56 | —0·05 | 0 | 21·3 | —3·4 | 27·58 | —3·24 | —11 |
| 2·1 | —0·2 | 0·93 | —0·21 | —18 | 5·7 | —2·3 | 3·45 | —2·39 | —41 | 8·2 | —2·6 | 6·01 | —1·98 | —25 | 10·6 | +0·9 | 7·13 | +0·68 | +11 |
| 16·4 | +4·3 | 12·65 | +3·28 | +35 | 15·4 | +0·8 | 14·96 | +2·39 | +19 | 18·8 | +1·5 | 21·68 | +3·86 | +22 | 19·0 | +0·3 | 18·43 | +0·21 | +1 |
| 5·2 | +0·7 | 3·86 | +0·60 | +18 | 6·9 | —2·3 | 6·98 | —1·15 | —14 | 13·5 | —0·5 | 12·93 | —1·49 | —10 | 15·0 | —1·8 | 17·92 | +2·57 | +17 |
| 1·7 | —1·6 | 0·90 | —0·68 | —43 | 1·6 | —3·2 | 0·81 | —2·29 | —74 | 11·7 | +0·9 | 8·28 | —0·78 | —9 | 14·8 | —0·2 | 15·44 | +2·50 | +19 |
| 1·6 | 0 | 0·70 | —0·05 | —7 | 0·8 | —2·6 | 0·29 | —1·92 | —87 | 12·1 | +2·3 | 9·62 | +1·49 | +18 | 12·4 | —2·8 | 13·04 | +0·57 | +5 |
| 1·4 | +0·2 | 0·79 | +0·10 | +14 | 1·4 | —2·0 | 0·93 | —1·47 | —61 | 7·7 | —0·9 | 5·74 | —2·36 | —29 | 11·4 | —1·9 | 11·45 | —0·53 | —4 |
| 0·4 | —0·1 | 0·22 | +0·02 | +10 | 0 | —1·3 | 0·01 | —0·66 | —99 | 7·1 | +1·7 | 6·44 | +1·73 | +37 | 9·9 | —2·5 | 7·34 | —4·10 | —36 |
| 0·5 | —0·2 | 0·15 | —0·14 | —48 | 0·1 | —1·3 | 0·03 | —0·62 | —95 | 4·9 | +0·2 | 6·08 | +2·14 | +54 | 8·6 | —2·8 | 7·76 | —3·59 | —32 |
| 0·2 | —1·0 | 0·05 | —0·48 | —91 | 0·1 | —1·2 | 0·05 | —0·56 | —92 | 1·7 | —1·2 | 0·69 | —1·37 | —67 | 6·3 | —0·4 | 5·42 | —0·73 | —12 |
| 0·1 | —1·1 | 0·01 | —0·50 | —98 | 0·1 | —0·7 | 0·02 | —0·34 | —94 | 1·3 | —0·2 | 0·65 | —0·18 | —22 | 4·3 | +1·2 | 3·96 | +1·45 | +58 |
| 3·3 | —2·1 | 1·29 | —2·09 | —62 | 1·9 | —1·9 | 0·80 | —1·26 | —61 | 4·9 | +0·7 | 2·13 | —0·26 | —11 | 7·8 | —0·2 | 6·36 | —0·87 | —12 |
| 0·8 | —2·7 | 0·24 | —1·44 | —86 | 0·2 | —1·4 | 0·08 | —0·69 | —90 | 1·2 | —0·6 | 0·40 | —0·54 | —57 | 3·8 | —0·2 | 2·37 | —0·58 | —20 |
| 0·4 | —1·4 | 0·12 | —0·64 | —84 | 0 | —0·4 | 0 | —0·15 | —100 | 0·3 | —0·4 | 0·28 | —0·13 | —32 | 1·9 | +0·1 | 0·88 | —0·15 | —15 |
| 0·1 | —0·2 | 0·01 | —0·10 | —90 | 0 | —0·2 | 0 | —0·10 | —100 | 0·2 | —0·5 | 0·10 | —0·41 | —80 | 3·8 | +1·0 | 4·27 | +1·47 | +53 |
| 0 | —0·4 | 0 | —0·17 | —100 | 0 | —0·6 | 0 | —0·27 | —100 | 0·5 | —1·6 | 0·21 | —1·10 | —84 | 5·5 | +0·9 | 4·85 | +1·33 | +38 |
| 0·1 | —0·4 | 0·02 | —0·16 | —94 | 0 | —1·0 | 0 | —0·41 | —100 | 1·9 | —1·9 | 0·91 | —1·61 | —61 | 7·8 | —1·6 | 6·47 | —1·81 | —22 |
| 0 | —0·1 | 0 | —0·03 | —100 | 0 | —0·3 | 0 | —0·17 | —100 | 1·5 | —4·1 | 1·01 | —4·26 | —81 | 14·0 | +1·2 | 18·94 | +5·68 | +43 |
| 0 | —0·4 | 0 | —0·19 | —100 | 0 | —0·7 | 0 | —0·27 | —100 | 4·9 | —0·7 | 3·91 | —0·49 | —11 | 9·3 | —2·2 | 7·46 | —2·59 | —26 |
| 0 | —0·6 | 0 | —0·30 | —100 | 0 | —0·8 | 0 | —0·31 | —100 | 6·4 | +1·5 | 5·54 | +1·41 | +34 | 9·5 | —3·0 | 8·95 | —3·07 | —26 |
| 0·3 | —0·4 | 0·09 | —0·16 | —64 | 0 | —0·9 | 0 | —0·42 | —100 | 10·2 | +2·3 | 8·19 | +2·30 | +39 | 14·0 | +1·7 | 9·92 | +0·58 | +6 |
| 0·1 | —0·7 | 0·04 | —0·29 | —88 | 0 | —1·0 | 0 | —0·39 | —100 | 10·2 | +1·9 | 9·19 | +2·45 | +36 | 11·7 | —3·2 | 9·67 | —4·07 | —30 |
| 0·3 | —1·5 | 0·14 | —0·76 | —84 | 0 | —1·3 | 0 | —0·60 | —100 | 12·3 | +3·1 | 13·48 | +5·59 | +71 | 14·1 | —2·2 | 11·03 | —4·49 | —29 |
| 0·9 | +0·2 | 0·68 | +0·30 | +79 | 0 | —1·6 | 0·01 | —1·29 | —99 | 15·3 | —2·8 | 23·07 | —2·53 | —10 | 26·7 | +0·4 | 42·54 | +2·02 | +5 |
| 1·5 | —0·1 | 0·71 | +0·04 | +6 | 0·2 | —2·1 | 0·09 | —1·18 | —93 | 5·2 | —2·8 | 3·65 | —1·69 | —32 | 12·1 | +0·5 | 9·89 | +1·67 | +20 |
| 0·8 | —0·5 | 0·20 | —0·33 | —62 | 0·3 | —1·1 | 0·07 | —0·54 | —89 | 10·0 | +2·2 | 7·73 | +2·18 | +39 | 14·1 | +2·0 | 8·51 | +0·40 | +5 |
| 1·4 | —0·4 | 0·49 | —0·31 | —39 | 0·5 | —1·4 | 0·15 | —0·74 | —83 | 7·7 | +0·9 | 4·77 | +0·51 | +12 | 12·9 | +2·1 | 8·87 | +2·55 | +40 |
| 5·1 | +2·4 | 3·26 | +1·76 | +117 | 3·3 | —2·8 | 1·82 | —1·75 | —49 | 6·2 | —0·9 | 4·16 | —0·64 | —13 | 10·7 | +0·8 | 7·95 | +0·45 | +6 |
| 9·3 | +3·7 | 6·34 | +2·31 | +57 | 5·7 | —1·9 | 3·61 | —1·48 | —29 | 18·5 | —2·3 | 17·94 | —7·43 | —29 | 20·8 | —1·3 | 22·06 | —3·52 | —14 |
| 4·3 | +2·2 | 2·69 | +1·32 | +96 | 1·9 | —1·8 | 1·15 | —1·37 | —54 | 3·0 | +0·1 | 1·94 | +0·38 | +24 | 5·8 | +2·1 | 3·46 | +1·36 | +65 |
| 2·9 | +1·6 | 1·78 | +1·13 | +174 | 0·6 | —2·2 | 0·21 | —1·39 | —87 | 4·1 | —0·3 | 2·56 | +0·17 | +7 | 8·9 | +2·5 | 5·07 | +1·83 | +56 |
| 2·0 | +0·4 | 1·33 | +0·37 | +39 | 1·1 | —1·9 | 0·39 | —1·62 | —81 | 5·7 | —0·8 | 4·02 | —0·69 | —15 | 12·8 | +2·8 | 8·79 | +2·30 | +35 |

TABLE 13—*concld.*—*Average over the 33 sub-divisions of the monthly and annual*

| Division. | August. | | | | | September. | | | | | October. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rainy days. | | Rainfall. | | | Rainy days. | | Rainfall. | | | Rainy days. | | Rainfall. | | |
| | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| | | | " | " | | | | " | " | | | | " | " | |
| 1. Bay Islands | 19·3 | +4·1 | 15·51 | +4·38 | +39 | 16·7 | +1·9 | 13·25 | +1·55 | +13 | 8·0 | —2·0 | 8·07 | +0·99 | +14 |
| 2. Lower Burma | 26·7 | +2·8 | 33·08 | +5·09 | +18 | 21·6 | +3·0 | 20·32 | +2·89 | +17 | 7·6 | —2·9 | 6·06 | —1·95 | —24 |
| 3. Upper Burma | 10·5 | —0·4 | 7·51 | —0·11 | —1 | 11·8 | +1·3 | 8·80 | +1·14 | +15 | 9·4 | +2·0 | 7·60 | +1·98 | +35 |
| 4. Assam | 18·3 | +0·4 | 15·95 | —0·70 | —4 | 15·0 | +1·6 | 13·36 | +1·46 | +12 | 8·3 | +1·8 | 5·82 | +0·46 | +9 |
| 5. Bengal | 17·8 | +1·3 | 15·47 | +1·35 | +9 | 13·1 | +1·0 | 10·24 | —0·45 | —4 | 5·0 | —0·2 | 4·33 | —0·36 | —8 |
| 6. Orissa | 15·0 | —0·5 | 10·04 | —2·79 | —22 | 15·7 | +3·5 | 12·72 | +3·28 | +35 | 4·3 | —0·8 | 2·85 | —1·42 | —33 |
| 7. Chota Nagpur | 19·9 | +3·8 | 15·79 | +2·50 | +19 | 11·5 | +1·2 | 6·20 | —1·74 | —22 | 1·4 | —1·6 | 0·84 | —1·24 | —60 |
| 8. Bihar | 16·6 | +2·8 | 17·14 | +4·26 | +33 | 10·4 | +1·6 | 12·19 | +3·94 | +48 | 2·2 | —0·4 | 1·36 | —0·96 | —41 |
| 9. United Provinces, East | 17·2 | +4·5 | 17·60 | +6·17 | +54 | 10·4 | +3·1 | 8·15 | +1·31 | +19 | 0·6 | —1·1 | 0·37 | —1·57 | —81 |
| 10. Do. do., West | 16·6 | +5·1 | 17·39 | +6·12 | +54 | 9·8 | +3·9 | 11·51 | +5·61 | +95 | 1·0 | +0·2 | 0·75 | —0·07 | —9 |
| 11. Punjab, East and North | 7·9 | +1·3 | 6·68 | +0·41 | +7 | 4·1 | +0·9 | 2·72 | —0·49 | —15 | 1·3 | +0·8 | 0·90 | +0·61 | +210 |
| 12. Do., Southwest | 5·3 | +2·5 | 4·44 | +2·14 | +93 | 1·6 | +0·4 | 0·99 | +0·04 | +4 | 0·9 | +0·7 | 0·41 | +0·32 | +356 |
| 13. Kashmir | 9·3 | +0·8 | 8·78 | +0·73 | +9 | 5·2 | +1·4 | 2·94 | —0·84 | —22 | 3·3 | +1·6 | 2·56 | +1·62 | +172 |
| 14. North-West Frontier Province | 4·5 | +0·4 | 3·61 | +0·47 | +15 | 2·2 | +0·3 | 1·02 | —0·20 | —16 | 2·2 | +1·4 | 1·12 | +0·74 | +195 |
| 15. Baluchistan | 2·5 | +1·2 | 1·64 | +0·86 | +110 | 0·5 | +0·1 | 0·34 | +0·14 | +70 | 0·7 | +0·3 | 0·50 | +0·28 | +127 |
| 16. Sind | 1·1 | —0·9 | 1·03 | —0·69 | —40 | 1·5 | +0·9 | 0·90 | +0·42 | +87 | 0 | 0 | 0 | —0·03 | —100 |
| 17. Rajputana, West | 2·7 | —2·0 | 1·89 | —1·73 | —48 | 3·6 | +1·4 | 2·15 | +0·36 | +20 | 0·1 | —0·2 | 0·05 | —0·13 | —72 |
| 18. Do., East | 9·1 | +0·1 | 6·73 | —0·66 | —9 | 7·8 | +3·2 | 6·22 | +2·27 | +57 | 0·1 | —0·4 | 0·05 | —0·31 | —86 |
| 19. Gujarat | 12·7 | +2·1 | 6·76 | —1·18 | —15 | 13·5 | +7·9 | 14·30 | +9·64 | +207 | 0·1 | —0·8 | 0·04 | —0·61 | —94 |
| 20. Central India, West | 12·6 | +1·4 | 8·94 | —0·72 | —7 | 10·8 | +4·5 | 9·46 | +4·17 | +79 | 0·2 | —0·7 | 0·05 | —0·52 | —91 |
| 21. Do. do., East | 18·6 | +6·0 | 14·55 | +2·91 | +25 | 9·7 | +2·6 | 7·30 | +0·46 | +7 | 0·1 | —1·1 | 0·02 | —0·96 | —98 |
| 22. Berar | 10·1 | —0·4 | 7·62 | +0·43 | +6 | 7·5 | —0·2 | 5·56 | —0·25 | —4 | 0·6 | —1·5 | 0·32 | —1·17 | —79 |
| 23. Central Provinces, West | 14·1 | +0·1 | 11·13 | —1·02 | —8 | 11·5 | +2·2 | 8·83 | +1·19 | +16 | 0·1 | —1·9 | 0·03 | —1·38 | —98 |
| 24. Do. do., East | 16·5 | +1·0 | 14·60 | —0·16 | —1 | 11·4 | +1·6 | 8·80 | +0·85 | +11 | 0·6 | —1·8 | 0·34 | —1·46 | —81 |
| 25. Konkan | 25·7 | +1·4 | 22·16 | —1·53 | —6 | 20·7 | +5·6 | 16·40 | +4·03 | +33 | 3·6 | —1·7 | 2·78 | —1·14 | —29 |
| 26. Bombay Deccan | 8·0 | —1·5 | 4·16 | —1·36 | —25 | 6·4 | —1·6 | 3·97 | —1·50 | —27 | 4·2 | —0·3 | 3·03 | +0·07 | +3 |
| 27. Hyderabad, North | 8·3 | —2·6 | 5·29 | —2·19 | —29 | 8·4 | —1·4 | 5·35 | —2·75 | —34 | 2·8 | —0·4 | 1·77 | —0·54 | —23 |
| 28. Do., South | 5·6 | —4·9 | 2·96 | —3·61 | —55 | 7·9 | —1·6 | 4·94 | —1·80 | —27 | 4·8 | +0·7 | 2·65 | —0·20 | —7 |
| 29. Mysore | 9·5 | +0·8 | 6·36 | +1·12 | +21 | 5·7 | —2·1 | 2·94 | —2·04 | —41 | 8·7 | +0·8 | 5·69 | +0·25 | +5 |
| 30. Malabar | 20·1 | +3·8 | 22·38 | +8·95 | +67 | 11·4 | 0 | 6·38 | —1·22 | —16 | 13·6 | +0·2 | 11·74 | +0·13 | +1 |
| 31. Madras, Southeast | 7·2 | +1·7 | 4·74 | +1·11 | —31 | 4·3 | —1·7 | 3·28 | —1·19 | —27 | 81·4 | +2·3 | 9·41 | +2·00 | +27 |
| 32. Do., Deccan | 3·5 | —3·3 | 1·68 | —2·32 | —58 | 5·6 | —2·2 | 2·28 | —3·25 | —59 | 7·7 | +1·9 | 8·86 | +4·73 | +115 |
| 33. Do. Coast, North | 9·8 | —0·4 | 6·76 | —0·30 | —4 | 11·7 | +2·4 | 9·39 | +2·40 | +34 | 7·6 | +0·8 | 7·63 | +1·04 | +16 |

*rainfall and number of rainy days, and their departures from normal.*

| NOVEMBER. | | | | | DECEMBER. | | | | | ANNUAL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RAINY DAYS. | | RAINFALL. | | | RAINY DAYS. | | RAINFALL. | | | RAINY DAYS. | | RAINFALL. | | |
| Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| | | " | " | | | | " | " | | | | " | " | |
| 4·0 | —2·9 | 2·33 | —3·29 | —59 | 1·5 | —2·4 | 0·81 | —3·29 | —80 | 93·8 | —4·6 | 76·48 | —2·20 | —3 |
| 3·3 | —0·2 | 4·48 | +1·83 | +69 | 0·1 | —0·5 | 0·03 | —0·45 | —94 | 120·6 | +0·2 | 131·28 | +2·96 | +2 |
| 3·0 | +0·1 | 3·17 | +1·37 | +76 | 0 | —0·9 | 0·01 | —0·47 | —98 | 63·4 | —1·6 | 46·08 | +0·79 | +2 |
| 0·7 | —0·7 | 0·26 | —0·61 | —70 | 0·9 | 0 | 0·38 | —0·02 | —5 | 125·2 | +11·2 | 111·13 | +11·93 | +12 |
| 0·1 | —0·8 | 0·03 | —0·71 | —96 | 0 | —0·3 | 0·03 | —0·17 | —85 | 82·1 | —2·5 | 76·34 | +1·59 | +2 |
| 0 | —1·2 | 0 | —1·16 | —100 | 0 | —0·5 | 0 | —0·30 | —100 | 68·5 | —3·7 | 54·03 | —3·19 | —6 |
| 0 | —0·9 | 0 | —0·52 | —100 | 0 | —0·4 | 0 | —0·20 | —100 | 62·7 | —3·5 | 48·43 | —2·14 | —4 |
| 0 | —0·6 | 0 | —0·40 | —100 | 0 | —0·3 | 0 | —0·13 | —100 | 52·8 | —3·7 | 51·01 | +2·10 | +4 |
| 0 | —0·4 | 0 | —0·20 | —100 | 0·2 | —0·3 | 0·04 | —0·20 | —83 | 48·5 | +2·8 | 41·92 | +2·70 | +7 |
| 0 | —0·3 | 0 | —0·16 | —100 | 0·1 | —0·7 | 0·03 | —0·35 | —92 | 44·5 | +2·0 | 46·01 | +8·72 | +23 |
| 0 | —0·3 | 0 | —0·14 | —100 | 2·2 | +1·3 | 0·81 | +0·35 | +76 | 25·9 | —4·1 | 18·29 | —4·71 | —20 |
| 0 | —0·2 | 0·01 | —0·09 | —100 | 3·4 | +2·9 | 1·68 | +1·49 | +784 | 17·4 | +1·6 | 12·26 | +2·68 | +28 |
| 0·3 | —0·8 | 0·08 | —0·50 | —86 | 7·4 | +4·6 | 4·82 | +2·95 | +158 | 55·6 | —0·6 | 37·87 | —4·54 | —11 |
| 0·7 | +0·1 | 0·24 | —0·10 | —29 | 7·2 | +6·2 | 4·54 | +3·99 | +725 | 26·5 | —2·3 | 14·94 | —1·90 | —11 |
| 0·7 | —0·2 | 0·21 | —0·14 | —40 | 5·5 | +3·7 | 2·64 | +1·90 | +257 | 13·7 | —5·1 | 6·98 | —1·88 | —21 |
| 0 | —0·1 | 0 | —0·07 | —100 | 0·2 | 0 | 0·92 | +0·83 | +922 | 6·9 | —2·0 | 7·23 | +0·50 | +7 |
| 0 | —0·2 | 0 | —0·08 | —100 | 0 | —0·3 | 0·03 | —0·10 | —77 | 12·4 | —4·7 | 9·19 | —2·60 | —22 |
| 0 | —0·3 | 0 | —0·15 | —100 | 0·1 | —0·5 | 0·04 | —0·21 | —84 | 28·0 | —4·2 | 21·42 | —3·09 | —13 |
| 0 | —0·3 | 0 | —0·20 | —100 | 0 | —0·1 | 0·01 | —0·04 | —80 | 41·8 | +5·0 | 41·07 | +8·60 | +26 |
| 0 | —0·6 | 0 | —0·41 | —100 | 0 | —0·5 | 0 | —0·20 | —100 | 39·3 | —0·2 | 31·15 | —0·58 | —2 |
| 0 | —0·5 | 0 | —0·37 | —100 | 0 | —0·5 | 0 | —0·23 | —100 | 46·9 | +2·8 | 38·24 | —0·11 | 0 |
| 0 | —0·9 | 0·01 | —0·54 | —98 | 0 | —0·8 | 0 | —0·44 | —100 | 43·5 | —2·4 | 32·02 | —0·36 | —1 |
| 0 | —0·8 | 0 | —0·58 | —100 | 0 | —0·7 | 0 | —0·39 | —100 | 49·3 | —5·9 | 39·60 | —5·44 | —12 |
| 0 | —0·7 | 0 | —0·42 | —100 | 0 | —0·7 | 0 | —0·38 | —100 | 56·5 | —4·7 | 49·94 | —2·15 | —4 |
| 1·0 | —0·3 | 0·66 | —0·20 | —23 | 0 | —0·3 | 0 | —0·15 | —100 | 94·1 | +10·8 | 108·37 | —0·61 | —1 |
| 1·5 | +0·1 | 1·69 | +0·83 | +97 | 0 | —0·5 | 0 | —0·31 | —100 | 39·4 | —8·5 | 27·29 | —3·67 | —12 |
| 1·2 | 0 | 0·81 | +0·06 | +8 | 0 | —0·7 | 0 | —0·37 | —100 | 46·5 | —3·4 | 29·93 | —4·52 | —13 |
| 2·2 | +0·5 | 2·23 | +1·33 | +148 | 0 | —0·4 | 0 | —0·21 | —100 | 43·4 | —5·7 | 27·16 | —3·18 | —10 |
| 3·8 | +0·4 | 3·28 | +1·17 | +55 | 0 | —0·9 | 0 | —0·49 | —100 | 54·9 | —0·1 | 36·27 | +0·11 | 0 |
| 7·0 | —0·7 | 5·11 | —0·97 | —16 | 1·3 | —1·2 | 0·82 | —1·02 | —55 | 112·0 | +0·9 | 99·02 | —3·94 | —4 |
| 3·7 | —4·1 | 2·78 | —3·98 | —59 | 2·8 | —1·4 | 2·47 | —1·02 | —29 | 51·0 | +3·4 | 38·08 | +3·04 | +9 |
| 2·9 | —0·1 | 2·59 | +0·60 | +30 | 0·1 | —0·7 | 0·03 | —0·42 | —93 | 37·3 | —2·6 | 25·39 | +0·95 | +4 |
| 1·4 | —2·0 | 1·42 | —1·96 | —58 | 0 | —1·0 | 0·02 | —0·92 | —98 | 54·4 | +0·8 | 41·49 | +1·15 | +3 |

TABLE 14.—*Average over the 15 chief political divisions of the actual and normal rainfall for the four seasons of the year 1921, and for the whole year.*

| Division. | January and February. | | | | March to May. | | | | June to September. | | | | October to December. | | | | Whole year. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Actual. | Normal. | Departure from normal. | Percentage departure from normal. |
| | " | " | " | | " | " | " | | " | " | " | | " | " | " | | " | " | " | |
| Burma | 0·76 | 0·33 | +0·43 | +130 | 8·68 | 10·50 | —1·82 | —17 | 61·56 | 59·73 | +1·83 | +3 | 10·70 | 9·26 | +1·44 | +16 | 81·70 | 79·82 | +1·88 | +2 |
| Assam | 2·26 | 2·22 | +0·04 | +2 | 32·99 | 25·76 | +7·23 | +28 | 69·42 | 64·59 | +4·83 | +7 | 6·46 | 6·63 | —0·17 | —3 | 111·13 | 99·20 | +11·93 | +12 |
| Bengal | 1·46 | 1·38 | +0·08 | +6 | 13·93 | 13·16 | +0·77 | +6 | 56·56 | 54·58 | +1·98 | +4 | 4·39 | 5·63 | —1·24 | —22 | 76·34 | 74·75 | +1·59 | +2 |
| Bihar and Orissa | 1·71 | 1·48 | +0·23 | +16 | 1·74 | 4·20 | —2·46 | —59 | 46·14 | 42·10 | +4·04 | +10 | 1·60 | 3·54 | —1·94 | —55 | 51·19 | 51·32 | —0·13 | 0 |
| United Provinces | 1·97 | 1·58 | +0·39 | +25 | 0·27 | 1·41 | —1·14 | —81 | 40·72 | 33·37 | +7·35 | +22 | 0·60 | 1·84 | —1·24 | —67 | 43·56 | 38·20 | +5·36 | +14 |
| Punjab | 0·79 | 2·06 | —1·27 | —62 | 0·11 | 1·92 | —1·81 | —94 | 14·17 | 14·97 | —0·80 | —5 | 1·81 | 0·76 | +1·05 | +138 | 16·88 | 19·71 | —2·83 | —14 |
| North-West Frontier Province. | 1·05 | 2·87 | —1·82 | —63 | 0·59 | 4·45 | —3·86 | —87 | 7·42 | 8·27 | —0·85 | —10 | 5·90 | 1·27 | +4·63 | +365 | 14·96 | 16·86 | —1·90 | —11 |
| Sind | 0 | 0·57 | —0·57 | —100 | 0·01 | 0·46 | —0·45 | —98 | 6·30 | 5·51 | +0·79 | +14 | 0·92 | 0·19 | +0·73 | +384 | 7·23 | 6·73 | +0·50 | +7 |
| Rajputana. | 0·68 | 0·65 | +0·03 | +5 | 0·01 | 0·81 | —0·80 | —99 | 16·61 | 18·22 | —1·61 | —9 | 0·08 | 0·63 | —0·55 | —87 | 17·38 | 20·31 | —2·93 | —14 |
| Bombay | 0·04 | 0·17 | —0·13 | —76 | 0·54 | 1·44 | —0·90 | —63 | 42·73 | 40·63 | +2·10 | +5 | 2·98 | 3·24 | —0·26 | —8 | 46·29 | 45·48 | +0·81 | +2 |
| Central India | 1·55 | 0·81 | +0·74 | +91 | 0 | 0·78 | —0·78 | —100 | 32·24 | 31·39 | +0·85 | +3 | 0·04 | 1·35 | —1·31 | —97 | 33·83 | 34·33 | —0·50 | —1 |
| Central Provinces | 0·98 | 1·06 | —0·08 | —8 | 0·10 | 1·55 | —1·45 | —94 | 40·56 | 39·46 | +1·10 | +3 | 0·24 | 2·50 | —2·26 | —90 | 41·88 | 44·57 | —2·69 | —6 |
| Hyderabad | 0·15 | 0·36 | —0·21 | —58 | 0·45 | 1·80 | —1·35 | —75 | 24·35 | 26·71 | —2·36 | —9 | 3·73 | 3·68 | +0·05 | +1 | 28·68 | 32·55 | —3·87 | —12 |
| Mysore | 0·71 | 0·22 | +0·49 | +223 | 5·18 | 5·38 | —0·20 | —4 | 21·41 | 22·52 | —1·11 | —5 | 8·97 | 8·04 | +0·93 | +12 | 36·27 | 36·16 | +0·11 | 0 |
| Madras | 3·54 | 0·97 | +2·57 | +265 | 4·59 | 5·24 | —0·65 | —12 | 28·66 | 28·15 | +0·51 | +2 | 13·56 | 15·21 | —1·65 | —11 | 50·35 | 49·57 | +0·78 | +2 |
| Mean of India | 1·21 | 1·00 | +0·21 | +21 | 4·11 | 5·02 | —0·91 | —18 | 37·32 | 35·91 | +1·41 | +4 | 4·53 | 4·86 | —0·33 | —7 | 47·17 | 46·79 | +0·38 | +1 |

TABLE 15.—*Average over the 33 sub-divisions of the actual and normal rainfall for the four seasons of the year 1921, and for the whole year.*

| Sub-division. | January and February. | | | | March to May. | | | | June to September. | | | | October to December. | | | | Whole year. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Actual. | Normal. | Departure from normal. | Percentage departure from normal. |
| | " | " | " | | " | " | " | | " | " | " | | " | " | " | | " | " | " | |
| 1. Bay Islands | 0·49 | 1·45 | —0·96 | —66 | 8·05 | 11·00 | —2·95 | —27 | 56·73 | 49·43 | +7·30 | +15 | 11·21 | 16·80 | —5·59 | —33 | 76·48 | 78·68 | —2·20 | —3 |
| 2. Lower Burma | 0·10 | 0·41 | —0·31 | —76 | 14·07 | 14·92 | —0·85 | —6 | 106·54 | 101·72 | +4·82 | +5 | 10·57 | 11·14 | —0·57 | —5 | 131·28 | 128·19 | +3·09 | +2 |
| 3. Upper Burma | 1·02 | 0·26 | +0·76 | +292 | 4·83 | 7·41 | —2·58 | —35 | 29·45 | 29·72 | —0·27 | —1 | 10·78 | 7·90 | +2·88 | +36 | 46·08 | 45·29 | +0·79 | +2 |
| 4. Assam | 2·26 | 2·22 | +0·04 | +2 | 32·99 | 25·76 | +7·23 | +28 | 69·42 | 64·59 | +4·83 | +7 | 6·46 | 6·63 | —0·17 | —3 | 111·13 | 99·20 | +11·93 | +12 |
| 5. Bengal | 1·46 | 1·38 | +0·08 | +6 | 13·93 | 13·16 | +0·77 | +6 | 56·56 | 54·58 | +1·98 | +4 | 4·39 | 5·63 | —1·24 | —22 | 76·34 | 74·75 | +1·59 | +2 |
| 6. Orissa | 2·80 | 1·50 | +1·30 | +87 | 1·90 | 5·72 | —3·82 | —67 | 46·48 | 44·27 | +2·21 | +5 | 2·85 | 5·73 | —2·88 | —50 | 54·03 | 57·22 | —3·19 | —6 |
| 7. Chota Nagpur | 1·93 | 2·02 | —0·09 | —4 | 1·01 | 3·92 | —2·91 | —74 | 44·65 | 41·83 | +2·82 | +7 | 0·84 | 2·80 | —1·96 | —70 | 48·43 | 50·57 | —2·14 | —4 |
| 8. Bihar | 1·11 | 1·22 | —0·11 | —9 | 2·02 | 3·63 | —1·61 | —44 | 46·52 | 41·21 | +5·31 | +13 | 1·36 | 2·85 | —1·49 | —52 | 51·01 | 48·91 | +2·10 | +4 |
| 9. United Provinces, East. | 1·68 | 1·21 | +0·47 | +39 | 0·30 | 1·21 | —0·91 | —75 | 39·53 | 34·42 | +5·11 | +15 | 0·41 | 2·38 | —1·97 | —83 | 41·92 | 39·22 | +2·70 | +7 |
| 10. United Provinces, West. | 2·23 | 1·90 | +0·33 | +17 | 0·26 | 1·57 | —1·31 | —83 | 42·74 | 32·46 | +10·28 | +32 | 0·78 | 1·36 | —0·58 | —43 | 46·01 | 37·29 | +8·72 | +23 |
| 11. Punjab, East and North. | 0·93 | 2·35 | —1·42 | —60 | 0·14 | 2·07 | —1·93 | —93 | 15·51 | 17·69 | —2·18 | —12 | 1·71 | 0·89 | +0·82 | +92 | 18·29 | 23·00 | —4·71 | —20 |
| 12. Punjab, Southwest | 0·07 | 1·11 | —1·04 | —94 | 0·05 | 1·50 | —1·45 | —97 | 10·04 | 6·59 | +3·45 | +52 | 2·10 | 0·38 | +1·72 | +453 | 12·26 | 9·58 | +2·68 | +28 |
| 13. Kashmir | 5·99 | 8·00 | —2·01 | —25 | 4·13 | 9·61 | —5·48 | —57 | 20·21 | 21·45 | —1·24 | —6 | 7·46 | 3·39 | + 4·07 | +120 | 37·79 | 42·45 | —4·66 | —11 |
| 14. North-West Frontier Province. | 1·05 | 2·87 | —1·82 | —63 | 0·59 | 4·45 | —3·86 | —87 | 7·42 | 8·27 | —0·85 | —10 | 5·90 | 1·27 | +4·63 | +365 | 14·96 | 16·86 | —1·90 | —11 |
| 15. Baluchistan | 0·35 | 2·85 | —2·50 | —88 | 0·14 | 2·28 | —2·14 | —94 | 3·14 | 2·42 | +0·72 | +30 | 3·35 | 1·31 | +2·04 | +156 | 6·98 | 8·86 | —1·88 | —21 |
| 16. Sind | 0 | 0·57 | —0·57 | —100 | 0·01 | 0·46 | —0·45 | —98 | 6·30 | 5·51 | +0·79 | +14 | 0·92 | 0·19 | +0·73 | +384 | 7·23 | 6·73 | +0·50 | +9 |
| 17. Rajputana, West | 0·01 | 0·49 | —0·48 | —98 | 0 | 0·67 | —0·67 | —100 | 9·10 | 10·25 | —1·14 | —11 | 0·08 | 0·39 | —0·31 | —80 | 9·19 | 11·79 | —2·60 | —22 |
| 18. Do., East | 0·98 | 0·72 | +0·26 | +36 | 0·02 | 0·86 | —0·84 | —98 | 20·33 | 22·14 | —1·81 | —8 | 0·09 | 0·76 | —0·67 | —88 | 21·42 | 24·48 | —3·06 | —13 |
| 19. Gujarat | 0·01 | 0·16 | —0·15 | —94 | 0 | 0·28 | —0·28 | —100 | 41·01 | 31·13 | +9·88 | +32 | 0·05 | 0·90 | —0·85 | —94 | 41·07 | 32·47 | +8·60 | +26 |
| 20. Central India, West | 1·23 | 0·60 | +0·73 | +122 | 0 | 0·67 | —0·67 | —100 | 29·77 | 29·40 | +0·37 | +1 | 0·05 | 1·18 | —1·13 | —96 | 31·15 | 31·85 | —0·70 | —2 |
| 21. Do. do., East | 1·88 | 1·16 | +0·72 | +62 | 0 | 0·98 | —0·98 | —100 | 36·34 | 34·63 | +1·71 | +5 | 0·02 | 1·58 | —1·56 | —99 | 38·24 | 38·35 | —0·11 | 0 |
| 22. Berar | 0·31 | 0·65 | —0·34 | —52 | 0·09 | 1·02 | —0·93 | —91 | 31·29 | 28·33 | +2·96 | +10 | 0·33 | 2·48 | —2·15 | —87 | 32·02 | 32·48 | —0·46 | —1 |
| 23. Central Provinces, West. | 0·71 | 1·11 | —0·40 | —36 | 0·04 | 1·28 | —1·24 | —97 | 38·82 | 40·27 | —1·45 | —4 | 0·03 | 2·38 | —2·35 | —99 | 39·60 | 45·04 | —5·44 | —12 |
| 24. Central Provinces, East. | 1·55 | 1·30 | +0·25 | +19 | 0·14 | 2·07 | —1·93 | —93 | 47·91 | 46·12 | +1·79 | +4 | 0·34 | 2·60 | —2·26 | —87 | 49·94 | 52·09 | —2·15 | —4 |
| 25. Konkan | 0·02 | 0·13 | —0·11 | —85 | 0·74 | 1·74 | —1·00 | —57 | 104·17 | 102·18 | +1·99 | +2 | 3·44 | 4·93 | —1·49 | —30 | 108·37 | 108·98 | —0·61 | —1 |
| 26. Bombay Deccan | 0·06 | 0·19 | —0·13 | —68 | 0·84 | 2·09 | —1·25 | —60 | 21·67 | 24·55 | —2·88 | —12 | 4·72 | 4·13 | +0·59 | +14 | 27·29 | 30·96 | —3·67 | —12 |
| 27. Hyderabad, North | 0·19 | 0·33 | —0·14 | —42 | 0·28 | 1·51 | —1·23 | —81 | 26·88 | 29·24 | —2·36 | —8 | 2·58 | 3·43 | —0·85 | —25 | 29·93 | 34·51 | —4·58 | —13 |
| 28. Do., South | 0·10 | 0·40 | —0·30 | —75 | 0·64 | 2·09 | —1·45 | —69 | 21·54 | 23·89 | —2·35 | —10 | 4·88 | 3·96 | +0·92 | +23 | 27·16 | 30·34 | —3·18 | —10 |
| 29. Mysore | 0·71 | 0·22 | +0·49 | +223 | 5·18 | 5·38 | —0·20 | —4 | 21·41 | 22·52 | —1·11 | —5 | 8·97 | 8·04 | +0·93 | +12 | 36·27 | 36·16 | +0·11 | 0 |
| 30. Malabar | 1·98 | 1·09 | +0·89 | +82 | 10·61 | 10·36 | +0·25 | +2 | 68·76 | 71·98 | —3·22 | —4 | 17·67 | 19·53 | —1·86 | —10 | 99·02 | 102·96 | —3·94 | —4 |
| 31. Madras, Southwest | 6·11 | 1·24 | +4·87 | +393 | 3·89 | 4·38 | —0·49 | —11 | 13·42 | 11·76 | +1·66 | +14 | 14·66 | 17·66 | —3·00 | —17 | 38·08 | 35·04 | +3·04 | +9 |
| 32. Do., Deccan | 0·31 | 0·25 | +0·06 | +24 | 2·01 | 2·46 | —0·45 | —18 | 11·59 | 15·16 | —3·57 | —24 | 11·48 | 6·57 | +4·91 | +75 | 25·39 | 24·44 | +0·95 | +4 |
| 33. Do. Coast, North | 1·72 | 0·69 | +1·03 | +149 | 1·74 | 3·49 | —1·75 | —50 | 28·96 | 25·25 | +3·71 | +15 | 9·07 | 10·91 | —1·84 | —17 | 41·49 | 40·34 | +1·15 | +3 |

**Table 16.**—*Average over the 33 sub-divisions of the actual and normal number of rainy days for the four seasons of the year 1921 and for the whole year.*

| Sub-division. | January and February. | | | March to May. | | | June to September. | | | October to December. | | | Whole year. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Actual. | Normal. | Departure from normal. | Actual. | Normal. | Departure from normal. | Actual. | Normal. | Departure from normal. | Actual. | Normal. | Departure from normal. |
| 1. Bay Islands | 1·0 | 1·9 | —0·9 | 12·3 | 13·5 | —1·2 | 67·0 | 62·2 | +4·8 | 13·5 | 20·8 | —7·3 | 93·8 | 98·4 | —4·6 |
| 2. Lower Burma | 0·2 | 0·7 | —0·5 | 16·2 | 15·9 | +0·3 | 93·2 | 89·2 | +4·0 | 11·0 | 14·6 | —3·6 | 120·6 | 120·4 | +0·2 |
| 3. Upper Burma | 1·2 | 0·7 | +0·5 | 8·7 | 11·2 | —2·5 | 41·1 | 41·9 | —0·8 | 12·4 | 11·2 | +1·2 | 63·4 | 65·0 | —1·6 |
| 4. Assam | 5·5 | 5·0 | +0·5 | 38·7 | 32·9 | +5·8 | 71·1 | 67·3 | +3·8 | 9·9 | 8·8 | +1·1 | 125·2 | 114·0 | +11·2 |
| 5. Bengal | 2·7 | 2·5 | +0·2 | 14·9 | 16·3 | —1·4 | 59·4 | 59·4 | 0 | 5·1 | 6·4 | —1·3 | 82·1 | 84·6 | —2·5 |
| 6. Orissa | 3·3 | 2·5 | +0·8 | 3·7 | 9·4 | —5·7 | 57·2 | 53·5 | +3·7 | 4·3 | 6·8 | —2·5 | 68·5 | 72·2 | —3·7 |
| 7. Chota Nagpur | 2·9 | 3·6 | —0·7 | 2·5 | 6·9 | —4·4 | 55·9 | 51·4 | +4·5 | 1·4 | 4·3 | —2·9 | 62·7 | 66·2 | —3·5 |
| 8. Bihar | 1·1 | 2·7 | —1·6 | 3·4 | 5·8 | —2·4 | 46·1 | 44·5 | +1·6 | 2·2 | 3·5 | —1·3 | 52·8 | 56·5 | —3·7 |
| 9. United Provinces, East | 2·5 | 2·7 | —0·2 | 0·6 | 2·6 | —2·0 | 44·6 | 37·8 | +6·8 | 0·8 | 2·6 | —1·8 | 48·5 | 45·7 | +2·8 |
| 10. Do. do., West | 2·7 | 3·7 | —1·0 | 0·8 | 3·4 | —2·6 | 39·9 | 33·5 | +6·4 | 1·1 | 1·9 | —0·8 | 44·5 | 42·5 | +2·0 |
| 11. Punjab, East and North | 2·0 | 4·5 | —2·5 | 0·4 | 4·4 | —4·0 | 20·0 | 19·4 | +0·6 | 3·5 | 1·7 | +1·8 | 25·9 | 30·0 | —4·1 |
| 12. Do., Southwest | 0·3 | 2·7 | —2·4 | 0·3 | 3·6 | —3·3 | 12·5 | 8·6 | +3·9 | 4·3 | 0·9 | +3·4 | 17·4 | 15·8 | +1·6 |
| 13. Kashmir | 8·9 | 10·8 | —1·9 | 8·3 | 15·1 | —6·8 | 27·2 | 24·5 | +2·7 | 11·0 | 5·6 | +5·4 | 55·4 | 56·0 | —0·6 |
| 14. North-West Frontier Province | 2·9 | 5·7 | —2·8 | 1·8 | 8·9 | —7·1 | 11·7 | 11·8 | —0·1 | 10·1 | 2·4 | +7·7 | 26·5 | 28·8 | —2·3 |
| 15. Baluchistan | 1·1 | 6·1 | —5·0 | 0·5 | 5·4 | —4·9 | 5·2 | 4·2 | +1·0 | 6·9 | 3·1 | +3·8 | 13·7 | 18·8 | —5·1 |
| 16. Sind | 0 | 1·5 | —1·5 | 0·1 | 1·0 | —0·9 | 6·6 | 6·1 | +0·5 | 0·2 | 0·3 | —0·1 | 6·9 | 8·9 | —2·0 |
| 17. Rajputana, West | 0 | 1·1 | —1·1 | 0 | 1·6 | —1·6 | 12·3 | 13·6 | —1·3 | 0·1 | 0·8 | —0·7 | 12·4 | 17·1 | —4·7 |
| 18. Do., East | 1·1 | 1·8 | —0·7 | 0·1 | 2·2 | —2·1 | 26·6 | 26·8 | —0·2 | 0·2 | 1·4 | —1·2 | 28·0 | 32·2 | —4·2 |
| 19. Gujarat | 0 | 1·2 | —1·2 | 0 | 0·6 | —0·6 | 41·7 | 34·6 | +7·1 | 0·1 | 1·3 | —1·2 | 41·8 | 37·7 | +4·1 |
| 20. Central India, West | 1·5 | 1·3 | +0·2 | 0 | 1·6 | —1·6 | 37·6 | 34·6 | +3·0 | 0·2 | 2·0 | —1·8 | 39·3 | 39·5 | —0·6 |
| 21. Do. do., East | 2·6 | 2·5 | +0·1 | 0 | 2·3 | —2·3 | 44·2 | 37·1 | +7·1 | 0·1 | 2·2 | —2·1 | 46·9 | 44·1 | +2·8 |
| 22. Berar | 0·8 | 1·3 | —0·5 | 0·3 | 2·4 | —2·1 | 41·8 | 38·4 | +3·4 | 0·6 | 3·8 | —3·2 | 43·5 | 45·9 | —2·4 |
| 23. Central Provinces, West | 1·6 | 2·2 | —0·6 | 0·1 | 3·0 | —2·9 | 47·5 | 46·5 | +1·0 | 0·1 | 3·5 | —3·4 | 49·3 | 55·2 | —5·9 |
| 24. Do. do., East | 1·3 | 2·3 | —1·0 | 0·3 | 4·3 | —4·0 | 54·3 | 50·8 | +3·5 | 0·6 | 3·8 | —3·2 | 56·5 | 61·2 | —4·7 |
| 25. Konkan | 0·1 | 0·2 | —0·1 | 1·0 | 2·4 | —1·4 | 88·4 | 83·8 | +4·6 | 4·6 | 6·9 | —2·3 | 94·1 | 93·3 | +0·8 |
| 26. Bombay Deccan | 0·2 | 0·4 | —0·2 | 1·8 | 4·0 | —2·2 | 31·7 | 37·1 | —5·4 | 5·7 | 6·4 | —0·7 | 39·4 | 47·9 | —8·5 |
| 27. Hyderabad, North | 0·6 | 0·8 | —0·2 | 1·1 | 3·4 | —2·3 | 40·8 | 40·6 | +0·2 | 4·0 | 5·1 | —1·1 | 46·5 | 49·9 | —3·4 |
| 28. Do., South | 0·4 | 0·8 | —0·4 | 1·9 | 4·5 | —2·6 | 34·1 | 37·6 | —3·5 | 7·0 | 6·2 | +0·8 | 43·4 | 49·1 | —5·7 |
| 29. Mysore | 1·6 | 0·4 | +1·2 | 8·7 | 8·9 | —0·2 | 32·1 | 33·5 | —1·4 | 12·5 | 12·2 | +0·3 | 54·9 | 55·0 | —0·1 |
| 30. Malabar | 3·2 | 1·7 | +1·5 | 16·1 | 15·2 | +0·9 | 70·8 | 70·6 | +0·2 | 21·9 | 23·6 | —1·7 | 112·0 | 111·1 | +0·9 |
| 31. Madras, Southeast | 6·5 | 1·8 | +4·7 | 6·3 | 6·6 | —0·3 | 20·3 | 18·1 | +2·2 | 17·9 | 21·1 | —3·2 | 51·0 | 47·6 | +3·4 |
| 32. Do., Deccan | 0·9 | 0·5 | +0·4 | 3·6 | 4·4 | —0·8 | 22·1 | 25·4 | —3·3 | 10·7 | 9·6 | +1·1 | 37·3 | 39·9 | —2·6 |
| 33. Do. Coast, North | 2·3 | 1·0 | +1·3 | 3·1 | 5·4 | —2·3 | 40·0 | 36·0 | +4·0 | 9·0 | 11·2 | —2·2 | 54·4 | 53·6 | +0·8 |

# Snowfall.

JANUARY 1921.

*I.—Central Asia.*

14. *Kashgar.*—Light snow fell on the 1st and 2nd to a total depth of an inch and a quarter.

*II.—Persia.*

*Meshed.*—Snow fell on 3 days to a total depth of 2 inches.

*III.—Afghanistan.*

*Kabul.*—Light falls of snow occurred on several occasions, the heaviest being 2 inches on the 25th.

*IV.—The North-West Frontier Province.*

(*a*) *Kohat.*—7 inches of snow fell on the Samana range on the 16th.

(*b*) *Hazara.*—Snow fell on 11 days, and the total fall during the month and the accumulations at the end of the month were as follows :—

| Name of peak. | Total fall in month. | | Depth of accumulation at the end of the month. | | | |
|---|---|---|---|---|---|---|
| | | | Reported. | | Normal. | |
| | Feet. | Inches. | Feet. | Inches. | Feet. | Inches. |
| Narang | 13 | 8 | 4 | 0 | .. | |
| Paluderan | 11 | 1 | 3 | 0 | .. | |
| Kagan | 7 | 10 | 2 | 0 | 5 | 6 |
| Jared | 3 | 6 | 0 | 6 | 6 | 0 |
| Malkandi | 2 | 10 | .. | | .. | |
| Sundigali | 2 | 3½ | .. | | .. | |
| Jachha | 1 | 11 | .. | | .. | |
| Tandiani | 3 | 7 | 6 | 4 | .. | |
| Dungagali | 5 | 11 | 4 | 0 | .. | |

*V.—Kashmir.*

(*a*) *Srinagar.*—Snow fell on several occasions, and the total precipitation was above the average.

(*b*) *Skardu.*—Light snow fell on 9 days at the station. More than 6 feet of snow are reported to have been present at the end of the month on the surrounding mountains and in the Deosai plains.

(*c*) *Dras.*—Snow fell on 15 days during the month and the total measured as rain was 4·38 inches.

(*d*) *Kargil.*—Snow fell on 7 occasions; one of these falls was heavy and three moderately heavy. The total fall was 1½ feet at the station and 3½ feet on the mountains. The snowline was 3 to 12 miles distant from the station.

*VI.—The Punjab.*

*Simla.*—Snow fell on 10 days, and on 3 days it came down to 5,750 feet. The total fall was more than 4 feet. The accumulations at the end of the month were as follows :—

| Name of peak or pass. | Depth of accumulation at the end of the month. | |
|---|---|---|
| | Reported. | Normal. |
| | Feet. | Feet. |
| Charang | 15 | 9½ |
| Rupin | 15 | 9½ |
| Brua | 15 | 9½ |
| Shatul | 15 | 10 |
| Harang | 8 | 6 |
| Kilba | 1 | ... |

*VII.—The United Provinces.*

*Garhwal.*—Snow fell on 4 days to a total depth of about a foot in the north of the district.

*VIII.—Eastern Himalayas.*

(*a*) *Sikkim.*—The total snowfall during the month measured as rain was 13·59 inches at Yatung. No snow fell at or in the vicinity of Gangtok.

(*b*) *Balipara Frontier Tracts.*—There was a heavy snowfall about the 25th and 26th of January.

(*c*) *Sadiya Frontier Tracts.*—Heavy snow fell at the end of the month, and the snowline came down to 8,000 feet.

(*d*) *Kamrup.*—During the month snow was frequent and heavier than usual, coming low down on the hills.

FEBRUARY 1921.

*I.—Central Asia.*

14. *Kashgar.*—No snow fell.

*II.—Persia.*

*Meshed.*—Snow fell on 2nd, 12th and 13th, the total fall being 1½ inches.

*III.—The North-West Frontier Province.*

(*a*) *Tochi Agency.*—Light snow fell on the Shiridan hills in North Waziristan on the 7th.

(*b*) *Kohat.*—No snow fell.

(c) *Hazara.*—Snow fell on 10 days, and was fairly general except on two days. The total fall during the month and the accumulations at the end of the month were as follows :—

| Name of pass. | Total fall in month. | | Depth of accumulation at the end of the month. | | | |
|---|---|---|---|---|---|---|
| | | | Reported. | | Normal. | |
| | Feet. | Inches. | Feet. | Inches. | Feet. | Inches. |
| Narang | 9 | 9 | 4 | 11 | .. | |
| Paluderan | 8 | 3 | 3 | 4 | .. | |
| Kagan | 6 | 0 | 0 | 2 | 5 | 6 |
| Jared | 2 | 11 | *Nil* | | 6 | 0 |
| Malkandi | 2 | 9 | *Nil* | | .. | |
| Sundigali | 3 | 7 | *Nil* | | .. | |
| Jachha | 3 | 2 | *Nil* | | .. | |
| Tandiani | 7 | 1 | 3 | 6 | .. | |
| Dungagali | 4 | 6½ | 3 | 0 | .. | |

*IV.—Kashmir.*

(a) *Srinagar.*—Snow fell in the first week, but was below the average.

(b) *Skardu.*—There was no snow except for a light fall on the 2nd. Heavy snow was reported to have fallen on the Zojila, and it was passable though with difficulty. The way to Srinagar *viâ* Deosai plains was still closed at the end of the month, but was expected to open somewhat earlier than usual.

(c) *Dras.*—Snow fell on 9 days to a total depth of nearly 1½ feet.

(d) *Kargil.*—Snow fell thrice to a total depth of 8 inches at the station and 15 inches on the mountains.

*V.—The Punjab.*

*Kilba (Simla Hills).*—Snow to a depth of 1⅔ feet fell on the 3rd and 4th, and came down to the level of the Sutlej. All the passes were closed and the accumulations at the end of the month were :—

| Name of pass or peak. | Accumulation at the end of the month. | |
|---|---|---|
| | Reported. | Normal. |
| | Feet. | Feet. |
| Charang | 15 | .. |
| Rupin | 14 | 13 |
| Brua | 14 | 13½ |
| Shatul | 15 | 12½ |
| Harang | 18 | 8 |

*VI.—The United Provinces.*

(a) *Garhwal.*—No snow fell.

(b) *Almora.*—The total snowfall during the months January and February, the distance below the snowline to which the snow descended, and the accumulations at the end of the month were :—

| Locality. | Depth of snowfall. | Distance below snow-line to which snow descended. | Accumulation at the end of the month. |
|---|---|---|---|
| | Feet. | | Feet. |
| Malla Danpur | 5½ | 3 to 4 miles | 4 |
| ,, Darma | 1 | 3 ,, | 17 |
| Chandas | 3 | 2 ,, | 7 |

*VII.—Eastern Himalayas.*

(a) *Sikkim.*—The total snowfall of the month measured as rain was 2·10 inches at Yatung. No snow fell at or in the vicinity of Gangtok.

(b) *Kamrup.*—Snow was frequent and heavier than usual, coming low down on the hills.

(c) *Balipara Frontier Tracts.*—Heavy snow fell on the 27th and 28th.

MARCH 1921.

*I.—Central Asia.*

14. *Kashgar.*—Snow fell on 3 days in the first week to a total depth of 2 inches.

*II.—Persia.*

*Meshed.*—Snow fell on 4 days, the total fall being 5½ inches.

*III.—The North-West Frontier Province.*

(a) *Kohat.*—No snow fell.

(b) *Hazara.*—No snow fell during the month and at the end of the month there was no snow lying on any of the well-known passes.

*IV.—Kashmir.*

(a) *Srinagar.*—There was no snowfall at the station, but it snowed occasionally on high mountains.

(b) *Skardu.*—Heavy snow fell on the high mountains on 8 days, but snow reached the level of the station only on the 1st ; on the other days the precipitation at the station was in the form of rain. The way *viâ* Skardu was still closed and the depth of snow on the Deosai plains and on the higher mountains was reported to be 6 feet.

(c) *Dras.*—Snow fell on 12 days and the total measured as rain was 9·06 inches.

(d) *Kargil.*—Snow fell on 5 days to a total depth of 2 feet at the station and 3¾ feet on the mountains. The snow-line was 3 to 12 miles from station.

*V.—The Punjab.*

(*a*) *Kulu (Kangra).*—No snow fell.

(*b*) *Kilba (Simla Hills).*—Snow fell on two occasions down to an altitude of 9,000 feet. The accumulations at the end of the month were :—

| Name of pass or peak. | Depth of accumulation at the end of the month. | |
|---|---|---|
| | Reported. | Normal. |
| Charang . . . . . | About 10 feet | .. |
| Rupin . . . . . | ,, 10 ,, | 13½ |
| Brua . . . . . | ,, 10 ,, | 13½ |
| Harang . . . . . | ,, 4 ,, | 5⅔ |

*VI.—The United Provinces.*

(*a*) *Garhwal.*—No snow fell.

(*b*) *Almora.*—Snow fell to a total depth of 4 feet on Malla Danpur, half a foot on Malla Darma and 2½ feet on Malla Johar. In Danpur the passes were closed to traffic. The accumulations at the end of the month were :—

| Locality. | Actual depth of accumulation at the end of the month. |
|---|---|
| | Feet. |
| Darma . . . . . | 15 |
| Johar . . . . . | 5¾ |
| Danpur . . . . . | 4 |

*VII.—Eastern Himalayas.*

(*a*) *Sikkim.*—The total snowfall of the month measured as rain was 5·37 inches at Yatung. No snow fell at or in the vicinity of Gangtok.

(*b*) *Balipara Frontier Tracts.*—No snow fell.

APRIL 1921.

*I.—Central Asia.*

14. *Kashgar.*—No snow fell.

*II.—The North-West Frontier Province.*

*Kohat.*—No snow fell.

*III.—Kashmir.*

(*a*) *Srinagar.*—There were several fresh snowfalls on the surrounding high mountains, but they melted away soon.

(*b*) *Skardu.*—No snow fell at the station, but light fresh falls of snow were visible on the high mountains. The way to Srinagar *viâ* Deosai was still closed, but the Zojila was passable on foot.

(*c*) *Dras.*—Snow fell on 14 days and the total measured as rain was 4·63 inches.

(*d*) *Kargil.*—Snow fell on two occasions to a total depth of 6 inches.

*IV.—The Punjab.*

(*a*) *Kulu (Kangra).*—No snow fell.

(*b*) *Kilba (Simla Hills).*—Light snow fell on two occasions down to 10,000 and 9,500 feet respectively. The accumulations were generally smaller than usual ; on the Rupin pass the depth was 10 feet.

*V.—The United Provinces.*

*Almora.*—Snow fell to a depth of one foot on Malla Darma and Malla Danpur ; it fell also on the Pindari, Kaphini and other high peaks. The accumulations at the end of the month were 17½ feet on Malla Darma and 5 feet on Malla Danpur. The valleys were open to traffic.

*VI.—Eastern Himalayas.*

(*a*) *Sikkim.*—The total precipitation (rain and snow mixed) of the month was 1·13 inches at Yatung. No snow fell at or in the vicinity of Gangtok.

(*b*) *Balipara Frontier Tracts.*—Very heavy snow fell on the higher hills.

(*c*) *Sadiya Frontier Tracts.*—At the end of the month Daphabum was visible carrying snow down to 11,000 to 13,000 feet. No information was available as to the depth on passes ; snow was not very prominent on Sita (11,000 feet.)

MAY 1921.

*I.—Central Asia.*

14. *Kashgar.*—No snow fell.

*II.—Baluchistan.*

*Quetta.*—There was no snowfall.

*III.—The North-West Frontier Province.*

(*a*) *Chitral.*—A small quantity of snow fell on the higher hills ; but at the close of the month little snow was left below 12,000 feet.

(*b*) *Drosh.*—
(*c*) *Kohat.*—
(*d*) *Dera Ismail Khan.*—
(*e*) *Tochi.*—
(*f*) *Parachinar.*—
(*g*) *Khyber.*—
} No snow fell.

(*h*) *Malakand.*—4 inches of snow fell on the high hills of Lowarai on the 10th. Elsewhere there was no snow.

*IV.—Kashmir.*

(*a*) *Srinagar.*—There was no snowfall.

(*b*) *Sonamarg.*—There was some fresh snow on the high mountains.

(c) *Skardu.*—Fresh snow was visible on the high mountains surrounding Skardu, but no snow fell at the station.

(d) *Dras* had light snowfall.

(e) *Kargil.*—Snow fell on four occasions to a total depth of 1½ feet on peaks above 15,000 feet.

(f) *Leh.*—Snow fell occasionally and is lying now at heights above 12,000 feet. Passes to the north are still closed.

*V.—The Punjab.*

(a) *Murree.*—No snow.

(b) *Abbottabad.*—Between 1 and 3 inches of snow fell in May in the Khagan valley at altitudes of 13,000 feet to 17,000 feet.

(c) *Kulu (Kangra).*—No snow fell. There is no snow lying below 15,000 feet.

The Deputy Conservator of Forests, Bashahr Division, Simla District, writes :—

"There is far less snow than usual and much less than when I was here in 1917 (May). The glaciers are not yielding as much water as usual for irrigation at Spoo. There were 2 heavy falls of snow last winter but the snow melted quickly and I am sure that the accumulations of snow on the passes and mountains are considerably below normal."

(d) *Kilba (Simla Hills).*—About 2 inches of snow fell down to 10,000 feet on the 30th and 31st. The accumulations at the end of the month on the Rupin pass were estimated to be about 8 feet.

*Bashahr.*—The accumulations on the passes and mountains were considerably below normal.

*VI.—The United Provinces.*

(a) *Garhwal.*—No snow fell. The quantity of snow on the upper hills at the end of the month were phenomenally small. On the 4th the Deputy Commissioner, Garhwal, found the top of Chandrasila (12,071 feet) entirely free from snow whereas on 10th May last year the snow extended 2 or 3 miles down the mountain side and the top was inaccessible.

(b) *Almora.*—In the first week fresh snow fell to a depth of one foot on the highest peaks and about 3 inches on heights between 10,000 feet and 15,000 feet. The passes were open to traffic through the greater part of the month. The accumulations on the 21st May (the date of the report) were 17 feet on Patti Darma and 6 feet on Patti Malla Danpur.

*VII.—Eastern Himalayas.*

*Sikkim.*—No snow fell at Gangtok or Yatung.

JUNE 1921.

*I.—Central Asia.*

14. *Kashgar.*—(Report dated the 10th June.) No snow fell at the station, but heavy snowfall was reported on the Hindu Kush range and on the Mintka and Kilk passes. The passes between Sarikal and Kashgar were covered with snow. The Terek pass was open to travellers on foot.

*II.—The North-West Frontier Province.*

(a) *Parachinar (Kurram).*—No snow fell. The accumulation of snow was very small.

(b) *Khyber.*—No snow fell.

(c) *Malakand.*—It was reported that on the 26th and 27th about 1 foot of snow fell on high hills of Lowarai range and about 3 inches on high peaks of hills in upper Swat.

(d) *Abbottabad (Hazara).*—Snow fell in Khagan valley from 1″ to 8″ at altitudes of 13,400 to 17,000 feet.

*III.—Kashmir.*

(a) *Srinagar.*—No fresh snow was observed on the higher mountains around Srinagar.

(b) *Sonamarg.*—Light snowfalls occurred on the surrounding high mountain peaks on 4th, 6th, 14th, 17th and 18th.

(c) *Gulmarg.*—There were three light falls on the 2nd, 3rd and 20th, and a heavy fall covering even the lower slopes of the mountains on the 26th.

(d) *Skardu.*—There were light falls of snow on the high mountains on 14th and 18th. There was still snow in the Deosai plains but the way was passable. The route *viâ* Zojila was also open.

(e) *Dras.*—About 10 inches of snow fell on the 3rd and 4th.

(f) *Kargil.*—Snow fell on three occasions on the upper half of the peaks to a total depth of 1 foot.

*IV.—The Punjab.*

(a) *Kulu (Kangra).*—Snow fell on 5 days between the 1st and 8th on altitudes from 12,000 to 16,000 feet. The thickness and extension of the snow covering was not abnormal.

(b) *Kilba (Simla Hills).*—Snow fell on the 1st and 3rd, and descended to an altitude of 10,000 feet on the ridge opposite to Kilba.

*V.—The United Provinces.*

(a) *Garhwal.*—No snow fell except on the higher ranges and passes above 14,000 feet.

(b) *Almora.*—Snow fell on heights between 17,000 feet and 20,000 feet and in places extended to about 3 miles below the snow line. The actual falls were :—

| Locality. | Depth. | |
|---|---|---|
| | Feet. | Inches. |
| Talla desh Johar | 1 | 0 |
| Byans | 6 | 5 |
| Malla Danpur | 1 | 7 |
| Malla Darma | 0 | 6 |
| Chaudas | 1 | 7 |
| Malla Johar | 4 | 7 |

The accumulations at the end of the month were 8 feet on Malla Danpur and 14 feet on Malla Darma, and some of the passes were still closed to traffic.

*VI.—Eastern Himalayas.*

*Sikkim.*—No snow fell.

JULY 1921.

*I.—The North-West Frontier Province.*

14. (*a*) *Parachinar* (*Kurram*).—No snow fell, and the adjacent passes were clear. The accumulation of snow on hills was very small owing to drought.

(*b*) *Drosh.*—The accumulations of snow were slightly below normal.

(*c*) *Khyber.*— } No snow fell.
(*d*) *Malakand.*— }

(*e*) *Abbottabad* (*Hazara*).—3 inches of snow fell in Khagan valley at altitudes of 13,400 to 17,000 feet; at the end of July there was not much accumulation.

*II.—Kashmir.*

(*a*) *Srinagar.*—No snow fell on the surrounding mountains.

(*b*) *Sonamarg.*—No snow fell and at the end of the month there was no snow on the mountain ranges.

(*c*) *Gulmarg.*—No snow fell and the accumulation was very little.

(*d*) *Skardu.*—No snow fell. There was no snow in the Deosai plains at the end of the month.

(*e*) *Dras.*—No snow fell. Very little accumulation existed.

(*f*) *Kargil.*—There was no snowfall.

(*g*) *Leh.*—One fairly heavy and two light snowfalls occurred on Ladakh mountains during June and July. At the station light snow fell, the total of snow-water and rainfall being 1·14 inches. At the end of the month the snow level was lower and the accumulations were thicker than usual at this time of year, but the passes were open.

*III.—The Punjab.*

(*a*) *Kulu* (*Kangra*).—Snow fell on the 15th down to 16,000 feet. The thickness of snow was not abnormal.

(*b*) *Kilba* (*Simla Hills*).—Snow fell on the surrounding hills on the 14th and descended down to an altitude of 14,000 feet but melted away soon after. At Kilba there was 1·50 inches of rain on that date. There were no accumulations of snow at the end of the month below the snow line of 15,000 feet; on the Rupin pass the depth of snow was reported to be 1 foot.

*IV.—The United Provinces.*

(*a*) *Garhwal.*—No snow fell in the district with the exception of 1″ to 3″ on the higher ranges and passes above 14,000 feet, which soon melted.

(*b*) *Almora.*—Snow fell on heights between 17,000 and 20,000 feet and in some places extended to about 3 miles below the snowline. The actual falls during the month were :—

| Locality. | Depth. | |
|---|---|---|
| | Feet. | Inches. |
| Byans | 2 | 7 |
| Malla Danpur | 2 | 7 |
| Chaudas | 1 | 0 |
| Malla Johar | 2 | 7 |

The passes were nearly all open to traffic with the exception of Unta pass in Malla Johar. Snow accumulations on the passes were normal at the end of the month.

| Locality. | Accumulation on the 26th of the month. |
|---|---|
| Byans | 3 to 4 feet approximately. |
| Chaudas | 2½ ,, ,, |
| Malla Johar | 2½ ,, ,, |
| Malla Danpur | 2½ ,, ,, |

*V.—Eastern Himalayas.*

*Sikkim.*—No snow fell.

AUGUST 1921.

*I.—The North-West Frontier Province.*

14. *Drosh.*—There was one snowfall on the higher tops of the hills, varying from ¼ inch to 2 inches in depth.

*II.—Kashmir.*

(*a*) *Srinagar.*— }
(*b*) *Gulmarg.*— }
(*c*) *Skardu.*— } There was no snowfall.
(*d*) *Dras.*— }
(*e*) *Kargil.*— }

*III.—The United Provinces.*

*Almora.*—Fresh deposits of snow during the month were 1⅓ feet in Malla Darma, 2½ feet in Malla Danpur and 3 feet in Chaudas. Snow fell on heights between 17,000 and 20,000 feet and extended to about 3 to 4 miles below the snowline. The passes were all open to traffic. The accumulations at the end of the month were 2½ feet on Malla Danpur, 15 feet in Jurve pass in Malla Darma and 10 feet in Chaudas.

SEPTEMBER 1921.

*I.—The North-West Frontier Province.*

14. *Drosh.*—One fall occurred on the hills above 15,000 feet, varying from ½ inch to 3 inches in depth.

*II.—Kashmir.*

(*a*) *Srinagar.*—
(*b*) *Dras.*— } There was no snowfall.

(*c*) *Gulmarg.*—There were light falls on the surrounding higher mountains on the 21st and 28th ; on the 29th a heavy fall occurred and extended to the lower slopes.

(*d*) *Skardu.*—Fresh snow fell on high mountains surrounding Skardu on the 24th, 25th and 26th. At the end of the month the route *viâ* Deosai plains was still passable ; and the depth of snow on the mountains was estimated to be one inch.

(*e*) *Kargil.*—There was no snowfall.

OCTOBER 1921.

*I.—The North-West Frontier Province.*

14. (*a*) *Parachinar* (*Kurram*).—Snow fell on the higher peaks of the Sufed Koh on one day.

(*b*) *Drosh.*—There were five falls on the top of the hills from 10,000 to 15,000 feet in height ; the fall on the 18th was a foot deep on the surrounding hills. The northern aspect remained covered up to a depth of 3 feet, but snow disappeared from the southern hills.

*II.—Kashmir.*

(*a*) *Srinagar.*—Snow fell on the surrounding mountains on the 15th and 16th.

(*b*) *Skardu.*—No snow fell at the station ; but heavy snowfall was visible on the high mountains surrounding the observatory. The way to Srinagar *viâ* Deosai plains was closed and the amount of snow there was said to be more than 3 feet.

(*c*) *Dras.*—Snow fell on 7 days and the total measured as rain was 1·81 inches.

*III.—The Punjab.*

*Kilba* (*Simla Hills*).—Snow fell to a depth of 1 foot on the Rupin pass, 10 inches on the Brua pass and 14 inches on the Shatul pass. The snow came down to 9,000 feet, but disappeared in a short time.

*IV.—The United Provinces.*

*Almora.*—(Report from 21st September to 20th October 1921.) Snow fell on heights between 17,000 to 20,000 feet and descended to places about 5 miles below the snowline. The depth of fall was 3½ feet on Malla Danpur, 4 feet on Byans and 4½ feet on Malla Darma. The approximate accumulations on the 20th were 3½ feet on Malla Danpur, 5½ feet on Lipulekh, 8 feet on Lampiadhura and 18 feet on Malla Darma. All the passes were blocked.

NOVEMBER 1921.

*I.—The North-West Frontier Province.*

14. (*a*) *Wano.*—There was some snowfall on the higher hills but it melted away soon.

(*b*) *Parachinar* (*Kurram*).—Snow fell on the higher peaks of the Sufed Koh on 3 days.

(*c*) *Drosh.*—No snow fell. The accumulation of snow was said to be about 8 feet on a range of 15,000 feet in height and 6 feet on a range of 10,000 feet in height.

*II.—Kashmir.*

(*a*) *Srinagar.*—There were a few fresh falls on the higher surrounding mountains.

(*b*) *Skardu.*—No snow fell in Skardu. The route to Srinagar *viâ* Deosai was completely closed, but that *viâ* Zojila was passable. The depth of snow in Deosai was said to be 12 feet. The mountains surrounding Skardu were at the end of the month covered with snow.

(*c*) *Dras.*—Snow fell on 5 occasions to a total depth of about 5 inches.

*III.—The Punjab.*

*Kilba* (*Simla Hills*).—No snow fell during the month except regular deposits at the passes and peaks. The accumulations at the end of the month were :—

| Name of pass. | Actual accumulation at the end of the month. |
|---|---|
| | Feet. |
| Shatul pass . . . . . | 2 |
| Rupin ,, . . . . . | 2½ |
| Brua ,, . . . . . | 2¾ |

*IV.—The United Provinces.*

*Almora.*—Fresh falls of snow during the month were as follows :—

Byans 5 feet ; Malla Danpur 2½ feet ; in Patti Johar Kharma 1 foot, Hansling 1 foot and Panchachuli 1½ feet ; and Bichla Danpur 3 to 6 inches. Snow fell on heights between 17,000 and 20,000 feet and the passes were blocked. It descended in places to about 7 miles below the snowline. The approximate accumulations of snow on the well-known passes were :—

| Locality. | Accumulation at the end of the month. |
|---|---|
| | Feet. |
| Malla Danpur . . . . . | 3½ |
| Byans . . . . . | 10 |
| Malla Darma . . . . . | 15 |

DECEMBER 1921.

*I.—Baluchistan.*

14. *Quetta.*—There was light snowfall on the surrounding hills on 4 days in the first week.

*II.—The North-West Frontier Province.*

(*a*) *Wano.*—On the higher hills there was a light fall on the 5th and a very heavy fall on the 18th and following days.

(*b*) *Parachinar* (*Kurram*).—Snow fell on 2 days at the station—the total amount measured as rain was 1·13 inches. Snow fell on the higher peaks of the Sufed Koh on 8 days. The amount of snow on the Sufed Koh and in Paiwar pass (6 inches) was much larger than last year.

(*c*) *Hazara.*—There were two heavy falls and several light falls; and the total snowfall in the month and the accumulations at the end of the month were as follows :—

| Locality. | Height. | Total depth of snowfall. | | Accumulation at the end of the month. | |
|---|---|---|---|---|---|
| | Feet. | Feet. | Inches. | Feet. | Inches. |
| Narang . . . . | 8,000 | 15 | 8 | 9 | 6 |
| Paluderan . . . . | 7,300 | 12 | 10 | 8 | 6 |
| Khagan . . . . | 6,600 | 7 | 4 | 5 | 0 |
| Jared . . . . . | 5,000 | 2 | 3 | 0 | 6 |
| Malkandi . . . . | 4,500 | 1 | 1 | 0 | 2 |
| Sundigali . . . . | 7,000 | 11 | 6 | 3 | 9 |
| Jachha . . . . | 6,500 | 4 | 5 | 0 | 9 |
| Tandiani . . . . | 8,800 | 9 | 4 | 1 | 8 |
| Dungagali . . . . | 8,000 | 17 | 0 | 4 | 6 |

*III.—Kashmir.*

(*a*) *Srinagar.*—There were a few falls of snow both in the valley and on the mountains.

(*b*) *Sonamarg.*—The total snowfall measured as rain was 15·75 inches during the period 1st October to 25th December.

(*c*) *Skardu.*—Snow fell almost every day from the 18th to 30th and the total measured as rain was 1·58 inches. There was considerable snow on the mountains surrounding the observatory. The mails were much delayed owing to falls of snow on the Zojila pass. The accumulations in Skardu at the end of the month were about 2 feet; on the higher mountains they were estimated at 6 feet.

(*d*) *Dras.*—Snow fell on 22 days in the month, and the total measured as rain was 10·37 inches.

(*e*) *Kargil.*—There were three heavy falls and 11 lighter falls during the month, the total melted into water measured 2·24 inches. There was a foot of snow at the station and 3 feet on the higher passes at the end of the month.

(*f*) *Leh.*—Light snow fell. Passes to the north of Leh were closed.

*IV.—The Punjab.*

(*a*) *Kulu.*—Up to the 15th 4 feet of snow fell on the Rotang pass (14,400 feet). The snowline was on the 15th at 8,000 feet, where snow was 4 to 6 inches deep.

(*b*) *Simla.*—Snow fell down to 8,000 feet on two days, down to 7,000 feet on five days and down to the river Sutlej (5,750 feet) on two days. The accumulations at the end of the month were :—

| Pass. | Depth of accumulation at the end of the month. | |
|---|---|---|
| | Actual. | Normal. |
| | Feet. | Feet. |
| Shatul . . . . . | 6 | 4¼ |
| Rupin . . . . . | 6½ | 5 |
| Brua . . . . . | 6 | 4 |

*V.—Eastern Himalayas.*

(*Sikkim*)—Winter conditions were said to be mild up to the 7th December.

## Summary.

**The cold weather period, January and February.**—In January snowfall was below normal in the North-West Frontier Province and about normal in Kashmir and the Punjab hills, while in February snowfall was generally lighter than usual in the western Himalayas excluding the east Punjab hills. In the eastern Himalayas there was heavier snow than usual except in the Balipara frontier tract in January; in February snowfall was heavier than usual in Kamrup.

**The hot weather period, March to May.**—Snowfall was in slight excess in parts of Kashmir in March; with this exception the snowfall of the season was below normal generally in the western Himalayas. In the eastern Himalayas also there was much less snow than usual except in April when some heavy falls occurred on the Balipara frontier tract. The accumulations at the end of May were somewhat below normal in Kashmir and the Kumaon hills; they were very scanty in Baluchistan, the greater part of the North-West Frontier Province and in the Punjab hills.

**The monsoon period, June to September.**—There were occasional falls on the higher ranges of the western Himalayas in June, but the month's total was below normal generally. In July snow fell only in the hills of the east Punjab and of the United Provinces, and in Hazara and Ladakh. The accumulations at the end of the month were below normal except in Ladakh. In August light snow fell in Malakand and a moderate amount in the Almora hills, but the amounts were generally below normal. For September reports were received only from Kashmir and the North-West Frontier Province, and these indicate light falls on the higher hills in the north of Kashmir.

**The retreating monsoon period, October to December.**—The total snowfall of October was in excess from the frontier to the east Punjab hills, but was below normal in the Almora hills. The conditions were the reverse in November; the normal amount was received in Almora, but over the rest of the western Himalayas the falls during the month were unusually light. There was an improvement in December when snowfall was above normal in the Punjab hills, Kashmir and the northern districts of the North-West Frontier Province.

V. DORAISWAMY IYER.

# SOLAR AND MAGNETIC ACTIVITY.

## Report from Kodaikanal Observatory.

*Sunspots.*—The following table shows the monthly numbers of new groups observed at Kodaikanal, and their distribution between the northern and the southern hemispheres. The mean daily numbers of spots visible are also given :—

Table 17.

| | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New groups . . . . | 8 | 14 | 14 | 11 | 6 | 13 | 12 | 11 | 5 | 6 | 3 | 9 | 112 |
| North . . . . . | 3 | 3 | 9 | 6 | 3 | 7 | 5 | 5 | 2 | 4 | 2 | 5 | 54 |
| South . . . . . | 5 | 11 | 5 | 5 | 2 | 6 | 7 | 6 | 3 | 1 | 1 | 4 | 56 |
| Equator . . . . . | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | ... | ... | 2 |
| Daily numbers . . . | 2·1 | 2·2 | 2·3 | 2·5 | 1·1 | 2·0 | 2·4 | 1·6 | 1·2 | 1·3 | 1·3 | 1·5 | 1·8 |

There was again a decrease, amounting to about 20 per cent. in the case of new groups, the decrease being slightly more marked in the northern hemisphere. The visible disc was free from spots on 47 days during the year.

The approximate mean latitude of the spots was 9°·8 in the northern hemisphere and 10°·3 in the southern.

A large group of spots, situated on the equator crossed the central meridian on May 14—15. Its spectrum was characterised by very violent disturbances throughout the period it was visible. In addition to the hydrogen and helium lines, the lines of sodium, magnesium and the enhanced lines of iron were seen to be brightly reversed over the umbra of the spot on May 19. The meridian passage of the group synchronised with the occurrence of a magnetic storm of very great intensity and unprecedented duration.

*Prominences.*—The mean daily areas in square minutes of arc, derived from the photographic records are as follows :—

| | North. | South. | Total. |
|---|---|---|---|
| 1921—January to June . . . | 1·92 | 2·70 | 4·62 |
| July to December . . | 1·76 | 1·79 | 3·55 |

The mean numbers decreased from 14·7 in the first half of the year to 13·6 in the second.

The general distribution in latitude is similar in the two periods of six months, and differs somewhat from that obtaining in the previous year. Well marked zones of activity are shown at about 40° in the northern hemisphere and at about 25° and 55° in the south. The polar regions remained quiescent.

Metallic prominences were very much less frequent than in 1920 and all were in low latitudes in the sunspot zones.

Four hundred and eighty displacements of the hydrogen lines were observed, of which 260 were towards the red.

*Magnetic Disturbances.*—Sixteen "Great" and 85 "Moderate" magnetic storms were registered during the year. The storm of May 13—22 was of longer duration than any previously recorded, and there was considerable disturbance to the Indian telegraph service on May 14 and 15. This storm may be regarded as composed of several distinct storms, and that of May 14—15 appears to have formed one of a sequence recurring at 27 day intervals for 7 synodic rotations of the sun, beginning March 21 and ending September 29.

J. EVERSHED.,

*Director, Kodaikanal and Madras Observatories.*

## Report from the Bombay Observatory.

### *Alibag Magnetic Record.*

The mean annual values of the magnetic elements are as follows :—

| | |
|---|---|
| Mean Easterly declination . . . . . | 0° 15′56″ |
| ,, horizontal force . . . . . | 0·36956 C. G. S. |
| ,, vertical force . . . . . | 0·17226 ,, |
| ,, inclination . . . . . | 24° 59′·5 |

During the year there were 156 calm days, 188 days of small, 17 days of moderate, 2 days of great and 2 days of very great disturbance as against 118 calm days, 233 days of small, 13 days of moderate, 1 day of great and 1 day of very great disturbance in the previous year.

The following table, prepared in accordance with the suggestions made by the International Commission, Terrestrial Magnetism, represents the magnetic character of each day during the year :—

TABLE 18.—*Representing the magnetic character of the day during the year 1921.*

| 1921. | Month. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. |
| 1 . . | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| 2 . . | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3 . . | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 4 . . | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 5 . . | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 6 . . | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 |
| 7 . . | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 8 . . | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 2 | 0 | 0 |
| 9 . . | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 10 . . | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 11 . . | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 12 . . | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 13 . . | 0 | 1 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 14 . . | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 . . | 1 | 0 | 2 | 1 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 16 . . | 1 | 0 | 1 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 17 . . | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 18 . . | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 19 . . | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| 20 . . | 1 | 1 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 21 . . | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 22 . . | 0 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 23 . . | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 24 . . | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 . . | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 . . | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 27 . . | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 28 . . | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 29 . . | 0 | ... | 1 | 2 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| 30 . . | 0 | ... | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 31 . . | 1 | ... | 0 | ... | 0 | ... | 0 | 0 | ... | 0 | ... | 0 |
| Sum . | 15 | 18 | 26 | 20 | 24 | 13 | 12 | 13 | 6 | 10 | 9 | 7 |

In the above table 0 represents calm day, 1 represents small disturbance, and 2 represents larger disturbance.
Days are reckoned from 4h. 51m. to 4h. 51m. of local civil mean time corresponding to 0h. to 0h. of Greenwich civil mean time.

The following is a list of days during the year 1921 selected as "Quiet" from the Alibag records, as suitable locally for the determination of the magnetic diurnal inequalities :—

TABLE 19.

| Months. | Selected quiet days. | | | | |
|---|---|---|---|---|---|
| January 1921 . . | 2 | 3 | 20 | 22 | 30 |
| February ,, . . | 8 | 9 | 15 | 16 | 22 |
| March ,, . . | 4 | 5 | 17 | 24 | 31 |
| April ,, . . | 1 | 2 | 17 | 27 | 28 |
| May ,, . . | 5 | 6 | 7 | 30 | 31 |
| June ,, . . | 5 | 12 | 15 | 18 | 25 |
| July ,, | 2 | 11 | 12 | 25 | 28 |
| August ,, . . | 1 | 2 | 22 | 25 | 28 |
| September . . . | 1 | 12 | 13 | 24 | 25 |
| October ,, . . | 3 | 16 | 17 | 18 | 25 |
| November ,, . . | 4 | 8 | 11 | 25 | 27 |
| December ,, . . | 6 | 7 | 19 | 21 | 25 |

The following table gives the corrected monthly mean values of the several magnetic elements and of the summed ranges of the horizontal force.

TABLE 20.

| 1921. | Absolute values of | | | | | | Horizontal force. |
|---|---|---|---|---|---|---|---|
| Months. | Horizontal force. | Vertical force. | Inclination. | | Easterly declination. | | Summed ranges. |
| | C. G. S. | C. G. S. | ° | ′ | ° | ′ ″ | C. G. S. |
| January . | 0·36953 | 0·17187 | 24 | 56·6 | 17 | 56 | 0·00181 |
| February . | ·36957 | ·17199 | 24 | 57·4 | 17 | 32 | ·00242 |
| March . . | ·36957 | ·17205 | 24 | 57·8 | 17 | 21 | ·00332 |
| April . . | ·36959 | ·17210 | 24 | 58·1 | 16 | 38 | ·00326 |
| May . . | ·36937 | ·17225 | 25 | 0·1 | 16 | 45 | ·00258 |
| June . . | ·36952 | ·17219 | 24 | 59·1 | 16 | 14 | ·00271 |
| July . . | ·36958 | ·17219 | 24 | 58·9 | 15 | 55 | ·00326 |
| August . . | ·36958 | ·17246 | 25 | 0·9 | 15 | 22 | ·00268 |
| September . | ·36957 | ·17236 | 25 | 0·2 | 14 | 47 | ·00207 |
| October . | ·36957 | ·17249 | 25 | 1·2 | 14 | 41 | ·00234 |
| November . | ·36962 | ·17253 | 25 | 1·3 | 14 | 13 | ·00271 |
| December . | ·36961 | ·17266 | 25 | 2·4 | 13 | 50 | ·00222 |

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# SEISMIC RECORDS.

## STATION—KODAIKANAL.

$\phi = 10° \ 13' \ 50''$; $\lambda = 77° \ 28 \ 00''$; $h = 2343$ m. *Subsoil*—Rock.

*Apparatus.*—Milne Horizontal Pendulum Seismograph.

TABLE 21.

| | V | To | $\epsilon$ | $\frac{r}{To^2}$ |
|---|---|---|---|---|
| AE: . . . . . | 9·76 | 17·3 | 1 | 2·7 |

| Date. | Phase. | Time G.M.T. | Period (Sec.) | Amplitude. (μ) / AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| Jan. 3rd | e P | 21 58 12 | .. | .. | |
| | F | 22 06 24 | .. | .. | Widening of line. |
| „ 6th | e P | 2 35 54 | .. | .. | |
| | F | 2 41 18 | .. | .. | Widening of line. |
| „ 6th | e P | 4 09 30 | .. | .. | |
| | F | 4 11 54 | .. | .. | Widening of line. |
| „ 6th | e P | 4 31 36 | .. | .. | |
| | F | 4 36 42 | .. | .. | Widening of line. |
| „ 6th | e P | 23 30 00 | .. | .. | |
| | F | 23 41 18 | .. | .. | Widening of line. In continuation of hour mark. |
| „ 7th | e P | 1 55 36 | .. | .. | |
| | e L | 2 04 54 | .. | .. | |
| | M | 2 09 00 | .. | 60 | |
| | F | 2 23 18 | .. | .. | |
| „ 7th | e P | 3 14 06 | .. | .. | |
| | e L | 3 26 24 | .. | .. | |
| | M | 3 36 12 | .. | 50 | |
| | F | 4 04 18 | .. | .. | |
| „ 9th | e P | 14 11 54 | .. | .. | |
| | e L | 14 18 42 | .. | .. | |
| | M | 14 25 54 | .. | 50 | |
| | F | 15 24 24 | .. | .. | |
| „ 19th | e P | 15 43 18 | .. | .. | |
| | e L | 15 46 24 | .. | .. | |
| | M | 15 48 30 | .. | 40 | |
| | F | 16 06 54 | .. | .. | |
| „ 24th | e P | 11 26 24 | .. | .. | |
| | e L | 11 31 00 | .. | .. | |
| | M | 11 32 36 | .. | 60 | |
| | F | 11 43 48 | .. | .. | |
| Feb. 4th | e P | 8 50 36 | .. | .. | |
| | e L | 8 59 00 | .. | .. | |
| | M | 9 00 24 | .. | 50 | |

| Date. | Phase. | Time. G. M. T. | Period (Sec.) | Amplitude. (μ) / AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| Feb. 4th | F | ? | .. | .. | Over lapping. |
| | e P | ? | .. | .. | |
| | e L | 9 55 36 | .. | .. | |
| | M | 9 59 42 | .. | 60 | |
| | F | 10 41 48 | .. | .. | |
| „ 6th | e P | 4 49 30 | .. | .. | Widening of line. |
| | F | 4 51 30 | .. | .. | |
| „ 6th | e P | 7 14 00 | .. | .. | Widening of line. |
| | F | 7 24 54 | .. | .. | |
| „ 13th | e P | 21 51 30 | .. | .. | Widening of line. |
| | F | 21 57 42 | .. | .. | |
| „ 14th | e P | 1 17 12 | .. | .. | Widening of line. |
| | F | 1 37 12 | .. | .. | |
| „ 19th | e P | 14 51 30 | .. | .. | |
| | e L | 15 13 06 | .. | .. | |
| | M | 15 14 36 | .. | 50 | |
| | F | 15 28 36 | .. | .. | |
| „ 19th | e P | 18 25 18 | .. | .. | |
| | e L | 18 37 24 | .. | .. | |
| | $M_1$ | 18 39 30 | .. | 70 | |
| | $M_2$ | 18 53 18 | .. | 80 | |
| | F | 20 14 06 | .. | .. | |
| „ 21st | e P | ? | .. | .. | |
| | i L | 2 08 00 | .. | .. | |
| | M | 2 10 30 | .. | 60 | |
| | F | 2 23 18 | .. | .. | No Preliminary Tremors. |
| „ 28th | e P | 18 42 18 | .. | .. | |
| | i L | 18 52 36 | .. | .. | |
| | M | 18 53 48 | .. | 140 | |
| | F | ? | .. | .. | Over lapping. |
| „ 28th | e P | ? | .. | .. | |
| | e L | 19 17 12 | .. | .. | |
| | M | 19 40 18 | .. | 260 | |
| | F | 21 27 24 | .. | .. | |

| Date. | Phase. | Time G.M.T. | Period (Sec.) | Amplitude. (μ) / AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| March 3rd | e P | 3 42 36 | .. | .. | |
| | e L | 3 45 30 | .. | .. | |
| | M | 3 48 24 | .. | 50 | |
| | F | 3 55 48 | .. | .. | |
| „ 3rd | e P | 8 33 54 | .. | .. | |
| | e L | 8 35 42 | .. | .. | |
| | M | 8 44 12 | .. | 210 | |
| | F | 9 17 24 | .. | .. | |
| „ 5th | e P | .. | .. | .. | No P. Ts. |
| | i L | 6 32 30 | .. | .. | |
| | M | 6 35 36 | .. | 640 | |
| | F | 7 23 06 | .. | .. | |
| „ 19th | e P | 8 32 42 | .. | .. | |
| | e L | 8 42 48 | .. | .. | |
| | M | 8 45 06 | .. | 30 | |
| | F | 9 01 24 | .. | .. | |
| „ 21st | e P | 5 38 00 | .. | .. | Widening of line. |
| | F | 5 46 00 | .. | .. | |
| March 23rd | e P | 22 57 00 | .. | .. | |
| | e L | 23 14 00 | .. | .. | |
| | M | 23 20 06 | .. | 70 | |
| | F | 23 38 06 | .. | .. | |
| „ 24th | e P | 1 50 48 | .. | .. | |
| | e L | 1 55 06 | .. | | |
| | M | 1 58 00 | .. | 50 | |
| | F | 2 19 12 | .. | .. | |
| „ 24th | e P | 10 15 06 | .. | .. | |
| | e L | 10 20 42 | .. | .. | |
| | M | 10 25 24 | .. | 130 | |
| | F | 11 10 42 | .. | .. | |
| „ 24th | i P | 15 04 42 | .. | .. | |
| | e L | 15 28 18 | .. | .. | |
| | M | 15 44 48 | .. | 60 | |
| | F | 16 06 36 | .. | .. | |
| „ 26th | | | .. | .. | No P. Ts. |
| | L | 2 28 12 | .. | .. | |

TABLE 21—*contd.*

| Date. | Phase. | Time G. M. T. | Period (Sec.) | Amplitude. (μ) / AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| March 26th | M | 2 31 00 | .. | 130 | |
| | F | 2 43 18 | .. | .. | |
| „ 28th | e P | 8 12 18 | .. | .. | |
| | e L | 8 28 12 | .. | .. | |
| | M | 8 31 30 | .. | .. | |
| | F | ? | | .. | M falls on the hour mark. |
| „ 28th | ? | ? | .. | .. | |
| | e L | 9 13 06 | .. | .. | |
| | M | 9 52 12 | .. | 70 | |
| | F | 10 13 48 | .. | .. | Overlapping. |
| „ 29th | e P | 23 00 48 | .. | .. | |
| | F | 23 24 54 | .. | .. | Widening of line. |
| „ 30th | e P | 10 32 18 | .. | .. | |
| | e L | 10 38 12 | .. | .. | |
| | M | 10 47 12 | .. | 30 | |
| | F | 10 56 24 | .. | .. | |
| „ 30th | e P | 15 10 48 | .. | .. | |
| | e L | 15 21 30 | .. | .. | |
| | M | 15 44 12 | .. | 80 | |
| | F | 16 04 18 | .. | .. | |
| April 1st | i P | 4 11 30 | .. | .. | |
| | i L | 4 15 36 | .. | .. | |
| | M | 4 19 12 | .. | 380 | |
| | F | 5 56 42 | .. | .. | |
| „ 2nd | e P | 9 51 30 | .. | .. | |
| | e L | 10 02 18 | .. | .. | |
| | M | 10 14 24 | .. | 120 | |
| | F | 11 04 06 | .. | .. | |
| „ 17th | e P | 22 28 12 | .. | .. | |
| | F | 22 34 54 | .. | .. | Falls on the hour mark. |
| „ 25th | e P | 18 34 54 | .. | .. | |
| | e L | 18 37 42 | .. | .. | |
| | M | 18 44 24 | .. | 50 | |
| | F | 18 49 30 | .. | .. | |
| „ 27th | e P | 9 49 48 | .. | .. | |
| | F | 9 56 42 | .. | .. | Widening of line. |
| May 1st | e P | 6 52 54 | .. | .. | |
| | e L | 7 07 06 | .. | .. | |
| | M | 7 10 54 | .. | 40 | |
| | F | 7 50 06 | .. | .. | |
| „ 12th | e P | 4 34 18 | .. | .. | |
| | F | 4 57 36 | .. | .. | Widening of line. |
| „ 13th | e P | 20 26 24 | .. | .. | |
| | e L | 20 31 00 | .. | .. | |
| | M | 20 32 06 | .. | 30 | |
| | F | 20 42 54 | .. | .. | |

| Date. | Phase. | Time G.M.T. | Period (Sec.) | Amplitude. (μ) / AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| May 13th | e P | 21 32 48 | .. | .. | |
| | e L | 21 35 54 | .. | .. | |
| | M | 21 41 36 | .. | 40 | |
| | F | 21 48 00 | .. | .. | |
| „ 14th | e P | 11 15 42 | .. | .. | |
| | i L | 11 43 42 | .. | .. | |
| | M | 11 46 00 | .. | 140 | |
| | F | 12 11 06 | .. | .. | |
| „ 14th | e P | 13 28 00 | .. | .. | |
| | M | 13 32 36 | .. | 40 | |
| | F | 13 41 36 | .. | .. | |
| „ 14th | e P | 21 20 00 | .. | .. | |
| | e L | 21 29 00 | | .. | |
| | M | 21 31 48 | .. | 80 | |
| | F | 21 48 12 | .. | | |
| „ 16th | e P | 16 11 54 | | .. | |
| | F | 16 24 42 | .. | .. | Widening of line. |
| „ 20th | e P | 0 53 06 | .. | .. | |
| | e L | 0 54 12 | .. | .. | |
| | M | 0 55 12 | .. | 130 | |
| | F | 1 18 06 | .. | .. | |
| „ 21st | i P | 8 56 06 | .. | .. | |
| | i L | 9 11 24 | .. | .. | |
| | M | 9 13 54 | .. | 160 | |
| | F | 9 48 54 | .. | .. | Time approximate as there was no hour mark on the sheet. |
| „ 21st | e P | 22 41 00 | .. | .. | |
| | e L | 23 05 00 | .. | .. | |
| | M | 23 10 24 | .. | 90 | |
| | F | 24 06 48 | .. | .. | |
| June 2nd | e P | 7 17 36 | .. | .. | |
| | e L | 7 20 12 | .. | .. | |
| | M | 7 21 30 | .. | 60 | |
| | F | 7 43 30 | .. | .. | |
| „ 18th | e P | 15 31 30 | .. | .. | |
| | F | 15 34 06 | .. | .. | Widening of line. |
| „ 20th | e P | 2 09 48 | .. | .. | |
| | F | 2 16 36 | .. | .. | Widening of line. |
| „ 21st | e P | 10 34 06 | .. | .. | |
| | F | 10 40 54 | .. | .. | Widening of line. |
| „ 21st | e P | 12 56 54 | .. | .. | |
| | F | 12 59 00 | .. | .. | Widening of line. |
| „ 21st | e P | 13 09 18 | .. | .. | |
| | F | 13 14 30 | | .. | Widening of line. |
| „ 25th | e P | 12 05 00 | .. | .. | |
| | F | 12 08 06 | .. | .. | Widening of line. |

| Date. | Phase. | Time G.M.T. | Period (Sec.) | Amplitude. (μ) / AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| June 28th | e P | 14 25 54 | .. | .. | |
| | e L | 15 00 48 | .. | .. | |
| | M | 15 06 54 | .. | 40 | |
| | F | 15 13 06 | .. | .. | |
| July 7th | e P | 11 43 24 | .. | .. | |
| | F | 12 05 54 | .. | .. | Widening of line. |
| „ 8th | e P | 13 36 12 | .. | .. | |
| | F | 13 45 30 | .. | .. | Widening of line, |
| „ 13th | e P | 2 11 24 | .. | .. | |
| | F | 2 13 54 | .. | .. | Widening of line. |
| „ 25th | e P | 19 55 30 | .. | .. | |
| | F | 20 02 12 | .. | .. | Widening of line. |
| Aug. 5th | e P | 2 19 36 | .. | .. | Widening of line. |
| | F | 2 30 00 | .. | .. | Hour mark overlaps. |
| „ 13th | e P | 13 23 36 | .. | .. | |
| | e L | 13 27 06 | .. | .. | |
| | M | 13 28 42 | .. | 40 | |
| | F | 13 41 18 | .. | .. | |
| „ 14th | i P | 13 28 30 | .. | .. | |
| | i L | 13 35 06 | .. | .. | |
| | M | 13 36 54 | .. | 120 | |
| | F | 14 01 36 | .. | .. | |
| „ 15th | e P | 14 13 42 | .. | .. | Widening of line. |
| | F | 14 23 18 | .. | .. | |
| „ 23rd | e P | 13 56 06 | .. | .. | Widening of line. |
| | F | 13 59 12 | .. | .. | |
| „ 23rd | e P | 21 01 18 | .. | .. | |
| | e L | 21 10 18 | .. | .. | |
| | M | 21 12 36 | .. | 50 | |
| | F | 21 21 18 | .. | .. | |
| Sept. 1st | e P | 10 19 12 | .. | .. | |
| | F | 10 25 24 | .. | .. | Widening of line. |
| „ 2nd | e P | 5 21 18 | .. | .. | |
| | F | 5 27 24 | .. | .. | Widening of line. |
| „ 3rd | e P | 1 33 36 | .. | .. | |
| | F | 1 36 12 | .. | .. | Widening of line. |
| „ 5th | e P | 20 18 12 | .. | .. | |
| | e L | 20 36 12 | .. | .. | |
| | M | 20 45 06 | .. | 110 | |
| | F | 21 22 18 | .. | .. | |
| „ 11th | e P | .. | .. | .. | No P. Ts. |
| | i L | 4 9 00 | .. | .. | |
| | M | 4 27 42 | .. | 1350 | |
| | F | 7 29 48 | .. | .. | |

TABLE 21—*concld.*

| Date | Phase. | Time G.M.T. | Period (Sec.) | Amplitude (μ) AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| Sept. 13th | e P | 3 2 06 | .. | .. | |
| | i L | 3 32 36 | .. | .. | |
| | M | 3 39 18 | .. | 410 | |
| | F | 4 20 42 | .. | .. | |
| ,, 21st | i P | 11 15 18 | .. | .. | |
| | i L | 11 22 30 | .. | .. | |
| | M | 11 23 48 | .. | 140 | |
| | F | 11 47 30 | .. | .. | |
| ,, 22nd | e P | 6 43 48 | .. | .. | |
| | e L | 6 49 30 | .. | .. | |
| | M | 6 51 00 | .. | 90 | |
| | F | 7 4 54 | .. | .. | |
| Oct. 9th | e P | 0 25 18 | .. | .. | |
| | e L | 0 27 30 | .. | .. | |
| | M | 0 32 24 | .. | 170 | |
| | F | 1 29 00 | .. | .. | |
| ,, 9th | e P | 5 07 18 | .. | .. | |
| | e L | 5 11 54 | .. | .. | |
| | M | 5 13 12 | .. | 50 | |
| | F | 5 19 42 | .. | .. | |
| ,, 10th | e P | 2 18 54 | .. | .. | |
| | e L | 2 28 24 | .. | .. | |
| | M | 2 32 48 | .. | 80 | |
| | F | ? | .. | .. | Overlapping. |
| ,, 10th | e P | ? | .. | .. | Overlapping. |
| | e L | 2 39 00 | .. | .. | Overlapping. |
| | M | 2 42 42 | .. | 80 | |
| | F | 3 06 30 | .. | .. | |
| ,, 12th | e P | 8 59 18 | .. | .. | |
| | F | 9 07 30 | .. | .. | Widening of line. |
| ,, 15th | e P | 5 10 24 | .. | .. | |
| | i L | 5 55 12 | .. | .. | |

| Date. | Phase. | Time. G. M. T. | Period (Sec.) | Amplitude. (μ) AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| Oct. 15th | M | 5 59 48 | .. | 410 | |
| | F | 7 33 06 | .. | .. | |
| ,, 15th | e P | 10 16 06 | .. | .. | |
| | F | 10 18 36 | .. | .. | Widening of line. |
| ,, 18th | e P | 1 25 00 | .. | .. | |
| | F | 1 30 18 | .. | .. | Widening of line. |
| ,, 18th | e P | 12 54 12 | .. | .. | |
| | F | 13 01 24 | .. | .. | Widening of line. |
| ,, 20th | e P | 6 25 54 | .. | .. | |
| | e L | 6 39 42 | .. | .. | |
| | M | 6 40 48 | .. | 50 | |
| | F | 7 44 24 | .. | .. | |
| ,, 26th | e P | 7 12 30 | .. | .. | |
| | F | 7 21 12 | .. | .. | Widening of line. |
| ,, 26th | e P | 23 09 42 | .. | .. | |
| | F | 23 19 00 | .. | .. | Widening of line. |
| Nov. 2nd | e P | 9 12 12 | .. | .. | |
| | F | 9 28 24 | .. | .. | Widening of line. |
| ,, 2nd | e P | 9 45 30 | .. | .. | |
| | F | 10 8 48 | .. | .. | Widening of line. |
| ,, 7th | e P | 16 8 36 | .. | .. | |
| | e L | 16 15 18 | .. | .. | |
| | M | 16 32 06 | .. | 160 | |
| | F | 17 07 36 | .. | .. | |
| ,, 11th | i L | 18 45 30 | .. | .. | No P. T's. |
| | M | 19 9 06 | .. | 1200 | |
| | F | 21 49 36 | .. | .. | |
| ,, 14th | e P | 7 50 36 | .. | .. | |
| | F | 8 1 54 | .. | .. | Widening of line. |

| Date. | Phase. | Time G.M.T. | Period (Sec.) | Amplitude (μ) AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| Nov. 15th | e P | 20 42 24 | .. | .. | |
| | i L | 20 45 24 | .. | .. | |
| | M | 20 51 36 | .. | 900 | |
| | F | 21 59 42 | .. | .. | |
| ,, 16th | e P | 15 41 36 | .. | .. | |
| | F | 15 46 12 | .. | .. | Widening of line. |
| ,, 17th | e P | 8 18 06 | .. | .. | |
| | F | 8 27 24 | .. | .. | Widening of line |
| ,, 18th | e P | 3 3 54 | .. | .. | |
| | F | 3 10 00 | .. | .. | Widening of line. |
| Dec. 7th | e P | 17 37 12 | .. | .. | |
| | e L | 17 57 24 | .. | .. | |
| | M | 18 0 18 | .. | 60 | |
| | F | 18 12 48 | .. | .. | |
| ,, 8th | e P | 13 11 18 | .. | .. | |
| | e L | 13 12 36 | .. | .. | |
| | M | 13 15 24 | .. | 40 | |
| | F | 13 23 06 | .. | .. | |
| ,, 12th | e P | 2 22 36 | .. | .. | Widening of line. |
| | F | ? | | | Merged in the hour mark. |
| ,, 18th | e P | 15 48 12 | .. | .. | |
| | i L | 16 1 48 | .. | .. | |
| | M | 16 2 18 | .. | 50 | |
| | F | ? | .. | .. | Overlapping. F. falls on the hour mark. |
| ,, 18th | e P | ? | .. | .. | Overlapping. F. falls on the hour mark. |
| | e L | 17 0 00 | .. | .. | Overlapping. F. falls on the hour mark. |
| | M | 17 8 42 | .. | 50 | |
| | F | 17 36 42? | .. | .. | |
| ,, 18th | e P | 23 41 00 | .. | .. | Widening of line. |
| | F | 23 45 24 | .. | .. | |

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## STATION—COLABA, BOMBAY.

$\phi = 18° \ 53' \ 36''$; $\lambda = 72° \ 48' \ 56''$; $h = 11$ metres. *Subsoil*—Trap.

*Apparatus.*—Omori Ewing Horizontal Pendulum (E—W.).

TABLE 22.

| | V | To | ϵ | $\frac{r}{To^2}$ |
|---|---|---|---|---|
| AE . . . . . | 20 | 32 | ... | .. |

| Date. | Phase. | Time G. M. T. | Period (Sec.) | Amplitude. (μ) / AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| January . | | No seismic disturbance was recorded during the month. | | | |
| Feb. 4th | P | 8 42 17 | .. | .. | Maximum cannot be determined as the movements are very small. |
| „ 17th | P | .. | .. | .. | Times cannot be determined owing to the failure of time marks. |
| „ 21st | P | 2 2 00 | .. | .. | |
| | S | 2 3 17 | .. | .. | |
| | e L | 2 3 47 | .. | .. | |
| | M | 2 4 13 | .. | 80 | |
| „ 27th | P | 18 44 02 | .. | .. | |
| | e S | 18 53 47 | .. | .. | |
| | e L | 19 21 16 | .. | .. | |
| | M | 19 33 40 | .. | 50 | |
| Mar. 28th | P | 9 10 05 | .. | .. | |
| | M | .... | .. | .. | Maximum not well marked. Movements are very small. |
| „ 30th | P | 10 30 18 | .. | .. | |
| | S | 10 33 47 | | .. | |
| | L | 10 35 00 | .. | .. | |
| | M | .. | .. | .. | Maximum not well marked. Movements are very small. |
| „ 30th | P | 15 12 12 | .. | .. | Maximum cannot be determined as the movements are very small. |
| | M | .. | .. | .. | |

| Date. | Phase. | Time G.M.T. | Period. (Sec.) | Amplitude (μ) / AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| April 1st | P | 4 12 58 | .. | .. | |
| | S | 4 17 59 | .. | .. | |
| | M | 4 25 23 | .. | 135 | |
| „ 2nd | P | .. | .. | .. | Times cannot be determined owing to the failure of time marks. |
| May 14th | e P | 11 33 36 | .. | .. | |
| | M | .. | .. | .. | Maximum cannot be determined as the movements are very small. |
| „ 20th | P | 0 46 19 | .. | .. | |
| | S | 0 49 28 | .. | .. | |
| | M | 0 49 38 | .. | 125 | |
| June | | No seismic disturbance was recorded during the month. | | | |
| July . | | No seismic disturbance was recorded during the month. | | | |
| Aug. 14th | F e | 13 23 14 | .. | .. | |
| | S e | 13 27 45 | .. | .. | |
| | M | .. | .. | .. | Maximum not well marked. |
| Sept. 5th | P | 20 34 59 | .. | .. | |
| | M | .. | .. | .. | Not well marked. |
| „ 11th | P | 4 10 16 | .. | .. | |
| | S | 4 17 35 | .. | .. | |
| | M | .. | .. | 1775 | Time cannot be determined owing to failure of time marks |

| Date. | Phase. | Time G.M.T. | Period (Sec.) | Amplitude (μ) / AE. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| Sept. 13th | P | 3 29 34 | .. | .. | |
| | M | .. | .. | .. | Not well marked. |
| Oct. 14th | P | 16 54 31 | .. | .. | |
| | M | .. | .. | .. | Not well marked. |
| „ 26th | P | 7 7 18 | .. | .. | |
| | S | 7 8 41 | .. | .. | |
| | L | 7 10 15 | .. | .. | |
| | M | 7 9 26 | .. | 60 | |
| „ 26th | P | 23 5 32 | .. | .. | |
| | M | 23 6 37 | .. | 35 | |
| Nov. 7th | P | 16 17 13 | .. | .. | |
| | M | 16 30 25 | .. | 45 | |
| „ 11th | P | 1 25 36 | .. | .. | |
| | M | .. | .. | .. | Maximum cannot be determined as the movements are very small. |
| „ 11th | P | 18 45 46 | .. | .. | |
| | S | 18 53 18 | .. | .. | |
| | e L | 19 1 32 | .. | .. | |
| | M | 19 5 52 | .. | 1735 | |
| „ 15th | P | 20 40 26 | .. | .. | |
| | S | 20 43 36 | .. | .. | |
| | M | 20 43 47 | .. | 860 | |
| Dec. 18th | P | 15 47 50 | .. | .. | |
| | M | .. | .. | .. | Maximum cannot be determined as the movements are very small. |

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## STATION—CALCUTTA (ALIPORE).

$\phi = 22° 32' N$ ; $\lambda = 88° 20' E$ ; $h = 6{\cdot}4$ m. *Subsoil*—Alluvial.

*Apparatus.*—Two Omori Ewing Horizontal Pendulum Seismographs.

TABLE 23.

| | V | To | ε | $\frac{r}{To^2}$ |
|---|---|---|---|---|
| AN . . . . . | 29 | 18 | 1 | |
| AE . . . . . | 29 | 30 | 1 | |

| Date. | Phase. | Time G. M. T. | Period. (Sec.) | Amplitude (μ) An. | Amplitude (μ) Ae. | Remarks. |
|---|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | | |
| Jan. 6th | P | 23 14 48 | 2 | .. | .. | |
| | L | 23 17 48 | 6 | .. | .. | |
| | F | 23 46 18 | .. | .. | .. | |
| ,, 7th | P | 9 46 54 | 3 | .. | .. | |
| | S | 9 50 54 | 5 | .. | .. | |
| | L | 9 55 24 | 7 | .. | .. | |
| | F | 10 21 00 | .. | .. | .. | |
| Feb. 17th | P | 2 31 30 | ? | .. | .. | |
| | L | 2 32 54 | 2 | .. | .. | |
| | F | 2 53 24 | .. | .. | .. | |
| ,, 19th | P | 14 41 54 | 3 | .. | .. | |
| | L | 14 48 54 | 5 | .. | .. | |
| | F | 15 34 00 | .. | .. | .. | |
| ,, 19th | P | 18 23 30 | 4 | .. | .. | |
| | L | 18 31 06 | 7 | .. | .. | |
| | F | 19 13 06 | .. | .. | .. | |
| ,, 21st | P | 2 7 24 | 2 | .. | .. | |
| | L | 2 9 06 | 5 | .. | .. | |
| | F | 2 53 36 | .. | .. | .. | |
| ,, 27th | P | 18 40 42 | 5 | .. | .. | |
| | S | 18 49 06 | 9 | .. | .. | |
| | L | ? | 13 | .. | .. | |
| | F | 20 57 12 | .. | .. | .. | |
| March 3rd | P | 3 10 30 | 3 | .. | .. | |
| | S | 3 19 18 | 6 | .. | .. | |
| | L | 3 30 54 | 19 | .. | .. | |
| | F | 4 25 06 | .. | .. | .. | |
| ,, 3rd | P | 8 26 42 | 3 | .. | .. | |
| | S | 8 34 24 | 7 | .. | .. | |
| | L | 8 40 06 | 17 | .. | .. | |
| | M | 8 45 06 | .. | ? | 759 | |
| | F | 9 47 24 | .. | | .. | |
| ,, 5th | P | 6 28 06 | 5 | .. | .. | |
| | S | 6 32 42 | 7 | .. | .. | |
| | L | 6 37 24 | 14 | .. | .. | |

| Date. | Phase. | Time G.M.T. | Period (Sec.) | Amplitude (μ) An. | Amplitude (μ) Ae. | Remarks. |
|---|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | | |
| March 6th | M | 6 40 24 | .. | 207 | .. | |
| | F | 7 27 24 | .. | .. | .. | |
| ,, 15th | P | 20 6 48 | 3 | .. | .. | |
| | L | 20 12 06 | 6 | .. | .. | |
| | F | 20 32 42 | .. | .. | .. | |
| ,, 19th | P | 8 29 54 | 3 | .. | .. | |
| | L | 8 34 42 | 9 | .. | .. | |
| | F | 9 16 12 | .. | .. | .. | |
| ,, 23rd | P | 22 53 42 | 5 | .. | .. | |
| | L | 23 2 12 | 11 | .. | .. | |
| | F | 23 48 06 | .. | .. | .. | |
| ,, 24th | P | 14 51 54 | 2 | .. | .. | |
| | L | 15 0 18 | 8 | .. | .. | |
| | F | 15 58 30 | .. | .. | .. | |
| ,, 28th | P | 8 9 06 | ? | .. | .. | |
| | F | 10 36 06 | .. | .. | .. | |
| ,, 30th | P | 10 27 12 | ? | .. | .. | |
| | L | 10 27 54 | ? | .. | .. | |
| | M | 10 30 54 | .. | .. | ? | |
| | F | 11 33 30 | .. | .. | .. | |
| ,, 30th | P | 15 11 00 | 3 | .. | .. | |
| | L | 15 23 24 | 12 | .. | .. | |
| | F | 16 23 48 | .. | .. | .. | |
| April 1st | P | 4 11 54 | 2 | .. | .. | |
| | L | 4 16 18 | 17 | .. | .. | |
| | M | 4 21 42 | .. | .. | ? | |
| | F | 5 32 42 | .. | .. | .. | |
| ,, 1st | P | 12 12 36 | 5 | .. | .. | |
| | S | ? | ? | .. | .. | |
| | L | ? | ? | .. | .. | |
| | F | 13 12 36 | .. | .. | .. | |
| ,, 2nd | P | 9 43 36 | 3 | .. | .. | |
| | S | 9 48 36 | 7 | .. | .. | |
| | L | 9 54 54 | 14 | .. | .. | |

| Date. | Phase. | Time G. M. T. | Period (Sec.) | Amplitude (μ) An. | Amplitude (μ) Ae. | Remarks. |
|---|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | | |
| April 2nd | M | 9 57 54 | .. | .. | 465 | |
| | F | 10 57 54 | .. | .. | .. | |
| ,, 27th | P | 9 43 06 | 2 | .. | .. | |
| | L | 9 44 06 | 7 | .. | .. | |
| | F | 10 11 54 | .. | .. | .. | |
| May 20th | P | 0 47 42 | 2 | .. | .. | |
| | L | 0 51 18 | 9 | .. | .. | |
| | M | 0 51 42 | .. | 310 | 672 | |
| | F | 1 33 12 | .. | .. | .. | |
| ,, 21st | P | 8 47 54 | 2 | .. | .. | |
| | S | 8 52 30 | 5 | .. | .. | |
| | L | 8 56 42 | 15 | .. | .. | |
| | M | 9 3 36 | .. | 259 | 517 | |
| | F | ? | .. | .. | .. | |
| ,, 21st | P | 22 31 06 | 2 | .. | .. | |
| | F | 23 31 06 | .. | .. | .. | |
| June . | No seismic disturbance was recorded during the month. | | | | | |
| July . | No seismic disturbance was recorded during the month. | | | | | |
| August . | No seismic disturbance was recorded during the month. | | | | | |
| Sept. 11th | P | 4 9 24 | 3 | .. | .. | |
| | S | 4 15 12 | 14 | .. | .. | |
| | L | 4 19 00 | 22 | .. | .. | |
| | M | ? | .. | .. | ? | Recording pin went off the drum. |
| | F | 7 1 00 | .. | .. | .. | |
| ,, 12th | P | 5 17 48 | 2 | .. | .. | |
| | L | 5 20 24 | 7 | .. | .. | |
| | F | 5 47 12 | .. | .. | .. | |
| Oct. 14th | P | 16 45 54 | 2 | .. | .. | |
| | S | 16 47 30 | 3 | .. | .. | |
| | L | 16 48 30 | 5 | .. | .. | |
| | M | 16 49 30 | .. | .. | 431 | |
| | F | 17 36 30 | .. | .. | .. | |

TABLE 23—*concld.*

| Date. | Phase. | Time G.M.T. | Period. (Sec.) | Amplitude (μ) An. Ae. | Remarks. | Date. | Phase. | Time G.M.T. | Period (Sec.) | Amplitude (μ) An. Ae. | Remarks. | Date. | Phase. | Time. G. M. T. | Period. (Sec.) | Amplitude (μ) An. Ae. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | | 1921. | | h. m. s. | | | | 1921. | | h. m. s. | | | |
| Oct. 15th | P | 1 45 00 | 2 | .. .. | | Oct. 20th | F | 7 52 06 | .. | .. .. | | Nov. 7th | F | 17 10 30 | .. | .. .. | |
| | L | 1 46 12 | 5 | .. .. | | „ 26th | P | 7 13 06 | 2 | .. .. | | „ 11th | P | 18 38 42 | 4 | .. .. | |
| | F | 2 14 12 | .. | .. .. | | | L | 7 24 48 | 5 | .. .. | | | L | 18 45 12 | 21 | .. .. | |
| „ 15th | P | 5 11 18 | 3 | .. .. | | | F | ? | .. | .. .. | End could not be determined owing to the oscillations having mixed up with storm tremors. | | M | 18 53 18 | .. | 1069 ? | Pin went off the drum. |
| | L | 5 21 30 | 6 | .. .. | | | | | | | | | F | 20 26 42 | .. | .. .. | |
| | F | 6 29 06 | .. | .. .. | | | | | | | | „ 15th | P | 20 41 24 | 3 | .. .. | |
| „ 16th | P | 7 56 42 | 2 | .. .. | | „ 26th | P | 23 10 54 | ? | .. .. | | | L | 20 45 06 | 7 | .. .. | |
| | L | 7 59 00 | 5 | .. .. | | | L | 23 12 24 | 5 | .. .. | | | M | ? | .. | ? ? | Pin went off the drum. |
| | F | 8 29 00 | .. | .. .. | | | F | 23 43 24 | .. | .. .. | | | | | | | |
| „ 20th | P | 6 23 06 | 2 | .. .. | | Nov. 7th | P | 16 7 30 | 4 | .. .. | | | F | 22 10 30 | .. | .. .. | |
| | S | 6 36 06 | 5 | .. .. | | | S | 16 16 54 | 10 | .. .. | | | | | | | |
| | L | 6 48 06 | 12 | .. .. | | | L | 16 25 30 | 22 | .. .. | | December | No seismic disturbance was recorded during the month. | | | | |

## STATION—SIMLA.

$\phi = 31° \ 6' \ N$; $\lambda = 77° \ 11' \ E$; $h = 2{\cdot}1$ km. *Subsoil*—Rock.

*Apparatus.*—Two Omori Ewing Horizontal Pendulum Seismographs (Masses 50 kg.)

TABLE 24.

| | V | To | ϵ | $\frac{r}{To^2}$ |
|---|---|---|---|---|
| AN . . . . . | 14 | 45 | 1 | |
| AE . . . . . | 14 | 45 | 1 | |

| Date. | Phase. | Time. G. M. T. | Period. (Sec.) | Amplitude. (μ) An. Ae. | Remarks. | Date. | Phase. | Time. G. M. T. | Period. (Sec.) | Amplitude. (μ) An. Ae. | Remarks. | Date. | Phase. | Time. G. M. T. | Period. (Sec.) | Amplitude. (u) An. Ae. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | | 1921. | | h. m. s. | | | | 1921. | | h. m. s. | | | |
| Jan. 2nd | e | 7 25 06 | .. | .. .. | | Feb. 21st | P | 2 03 48 | .. | .. .. | | March 30th | P e | 10 30 42 | .. | .. .. | |
| | F | 7 49 00 | .. | .. .. | Very slight shock. | | M | 2 05 36 | .. | .. 143 | Series of slight shocks felt in Kathiawar. | | S e | 10 33 30 | | | |
| „ 6th | e | 23 18 12 | .. | .. .. | | | | | | | | | F | 10 53 48 | .. | .. .. | Slight shock. Felt at Akyab, Barisal and Chittagong. |
| | M | 23 21 42 | .. | 50 .. | | | F | 2 17 36 | .. | .. .. | | | | | | | |
| | F | 23 35 42 | .. | .. .. | | „ 27th | P e | 18 44 24 | .. | .. .. | | | | | | | |
| „ 7th | e | 3 38 36 | .. | .. .. | | | L | 19 26 54 | 30 | .. .. | | „ 30th | P e | 15 12 30 | .. | .. .. | |
| | M | 3 41 12 | .. | 36 .. | | | M | 19 27 36 | .. | 321 143 | | | S e | 15 20 30 | .. | .. .. | |
| | F | 3 58 00 | .. | .. .. | Tremors. | | F | 21 01 24 | .. | .. .. | | | M | 15 28 36 | .. | 71 .. | |
| Feb. 4th | P | 8 44 00 | .. | .. .. | | March 3rd | e | 8 36 06 | .. | .. .. | | | F | 15 59 54 | .. | .. .. | |
| | S | 9 03 42 | .. | .. .. | | | M | 8 50 36 | .. | 107 .. | | April 2nd | P | 9 51 36 | .. | .. .. | |
| | L | 9 27 42 | 40 | .. .. | | | F | 9 14 42 | .. | .. .. | | | L | 9 59 36 | 30 | .. .. | |
| | M | 9 30 42 | .. | 375 .. | | „ 5th | e | 6 30 18 | .. | .. .. | | | M | 10 01 30 | .. | 250 .. | |
| | F | 10 27 12 | .. | .. .. | Tehnantapee earthquake. | | M | 6 40 12 | .. | 143 | | | F | 10 32 24 | .. | .. .. | |
| | | | | | | | F | 7 15 12 | .. | .. .. | | „ 12th | e | 9 44 48 | .. | .. .. | |
| | | | | | | „ 28th | P e | 9 11 42 | .. | ..... | | | M | 9 49 00 | .. | 36 .. | |
| | | | | | | | L | 9 54 42 | 45 | .. .. | | | F | 9 57 12 | .. | .. .. | |
| | | | | | | | M | 9 59 54 | .. | 1071 .. | Pendulum was striking against one of the stops. | May 1st | e | 6 38 12 | .. | .. .. | |
| | | | | | | | | | | | | | F | 7 15 12 | .. | .. .. | Tremors. |
| „ 17th | P | 2 27 06 | .. | .. .. | | | | | | | | „ 17th | .. | .. | .. | .. .. | Tremors at about 23½ hrs. Time marker not working properly. |
| | M | 2 28 00 | .. | .. 104 | | | | | | | | | | | | | |
| | F | 2 30 54 | .. | .. .. | Felt at Muktesar. | | M | 10 00 42 | .. | .. 143 | | | | | | | |
| | | | | | | | F | 11 27 36 | .. | .. .. | | | | | | | |

TABLE 24—*concld.*

| Date. | Phase. | Time G.M.T. | Period (Sec.) | Amplitude. (μ) An. Ae. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| May 20th | P | 0 45 00 | .. | .. .. | |
| - | e | 0 46 24 | .. | .. .. | |
| | F | 1 11 00 | .. | .. .. | Felt at Cherat, Drosh, Gurez (Kashmir), Kabul, Lahore, Murree and Srinagar. |
| „ 21st | .. | .. | .. | 71 .. | A shock lasting from about 9 to 9½ hours. Time marker not working properly. |
| „ 21st | e | 22 59 54 | .. | .. .. | |
| | F | 23 22 36 | .. | .. .. | Tremors. |
| June 4th | P e | 19 35 36 | .. | .. .. | |
| | L e | 19 36 00 | —* | .. .. | * Pendulum striking against one of the stops. |
| | M | 19 36 24 | .. | .. 232* | |
| | F | 19 39 06 | .. | .. .. | |
| „ 30th | e | 3 52 00 | .. | .. .. | |
| | M | 3 52 30 | .. | .. .. | |
| | F | 3 54 42 | .. | .. .. | Tremors. |
| July 4th | e | 14 34 54 | .. | .. .. | |
| | F | 14 40 48 | .. | .. .. | Very slight shock. |
| „ 15th | e | 18 12 42 | .. | .. .. | |
| | F | 18 25 18 | .. | .. .. | Very slight shock. |
| „ 23rd | e | 9 55 00 | .. | .. .. | |
| | F | 9 59 54 | .. | .. .. | Very slight shock. |
| „ 25th | P e | 21 17 00 | .. | .. .. | |
| | L | 21 20 00 | 10 | .. .. | |
| | M | 21 20 12 | .. | .. 64 | |
| | F | 21 27 12 | .. | .. .. | |
| „ 26th | e | 14 9 00 | .. | .. .. | |
| | F | 14 11 24 | .. | .. .. | Very slight shock. |
| Aug. 2nd | e | 23 58 48 | .. | .. .. | |
| | F | 23 59 54 | .. | .. .. | Very slight shock. Felt at Skardu. |
| „ 14th | P | 13 28 24 | .. | .. .. | |
| | M | 13 38 30 | .. | 71 .. | |
| | F | 13 55 06 | .. | .. .. | |
| „ 23rd | P | 20 50 30 | .. | .. .. | |
| | M | 20 55 24 | .. | 75 .. | |
| | F | 21 6 30 | .. | .. .. | |
| Sept. 1st | P | 12 17 12 | .. | .. .. | |
| | e | 12 17 48 | .. | .. .. | |
| | F | 12 21 24 | .. | .. .. | Very slight, local shock |
| „ 5th | P e | 20 13 06 | .. | .. .. | |
| | L | 20 28 30 | 20 | .. .. | |
| | $M_1$ | 20 28 48 | .. | 64 .. | |
| | $M_2$ | 20 32 00 | .. | .. 57 | |
| | F | 21 19 06 | .. | .. .. | |

| Date. | Phase. | Time G.M.T. | Period (Sec.) | Amplitude. (μ) An. Ae. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| Sept. 11th | P | 4 10 00 | .. | .. .. | |
| | S | 4 18 00 | .. | .. .. | |
| | L | 4 25 00 | 48 | .. .. | Pendulum striking against both stops from 4 hrs. 28 mins. 18 sec. to 4 hrs. 30 mins. 18 sec. |
| | M | .. | .. | 3036 .. | |
| | F | 6 21 48 | .. | .. .. | |
| „ 13th | P e | 3 3 24 | .. | .. .. | Florence earthquake. Minute-marker unsatisfactory |
| | L e | 3 29 24 | 30 | .. .. | |
| | M | 3 33 24 | .. | 179 .. | |
| | F | 4 45 24 | .. | .. .. | |
| „ 15th | P e | 18 48 42 | .. | .. .. | |
| | F | 19 0 24 | .. | .. .. | Very slight shock. |
| „ 20th | P e | 20 35 24 | .. | .. .. | |
| | F | 20 40 36 | .. | .. .. | Very slight shock. |
| „ 21st | P e | 11 14 00 | .. | .. .. | |
| | M | 11 24 42 | .. | 71 .. | |
| | F | 11 37 36 | .. | .. .. | |
| „ 29th | P e | 13 41 54 | .. | .. .. | |
| | F | 13 51 00 | .. | .. .. | Slight tremors. |
| Oct. 9th | .. | .. | .. | .. .. | Tremors between 0 hr. and 1 hr. Time-marking clock sent for repair. |
| „ 10th | .. | .. | .. | .. .. | Tremors between 2½ hrs. and 3½ hrs. Time-marking clock sent for repair. |
| „ 14th | P e | 16 49 30 | .. | .. .. | |
| | F | 17 27 48 | .. | .. .. | Slight shock. |
| „ 15th | P e | 5 22 18 | .. | .. .. | |
| | M | 5 39 36 | .. | 100 .. | |
| | F | 6 37 00 | .. | .. .. | |
| „ 20th | P e | 6 44 48 | .. | .. .. | |
| | F | 6 50 06 | .. | .. .. | Slight tremors. |
| „ 26th | P e | 7 10 06 | .. | .. .. | |
| | L e | 7 11 00 | .. | .. .. | |
| | F | 7 26 18 | .. | .. .. | Slight shock. |
| „ 26th | P e | 19 16 24 | .. | .. .. | |
| | L e | 19 17 12 | .. | .. .. | |
| | F | 19 20 24 | .. | .. .. | Slight shock. |
| „ 26th | P e | 23 7 00 | .. | .. .. | |
| | L e | 23 7 54 | .. | .. .. | |
| | F | 23 20 00 | .. | .. .. | Slight shock. |
| Nov. 3rd | P e | 17 33 36 | .. | .. .. | |
| | F | 17 34 12 | .. | .. .. | |
| „ 7th | .. | .. | .. | .. .. | Distant shock some time before midnight (by Simla time). Time uncertain. |

| Date. | Phase. | Time G.M.T. | Period (Sec.) | Amplitude (μ) An. Ae. | Remarks. |
|---|---|---|---|---|---|
| 1921. | | h. m. s. | | | |
| Nov. 11th | P e | 1 19 30 | .. | .. .. | |
| | e | 1 20 24 | .. | .. .. | |
| | F | 1 40 48 | .. | .. .. | Slight shock. Felt at Srinagar, Gurez (Kashmir), and Skardu. |
| „ 15th | P i | 20 38 18 | .. | .. .. | |
| | S i | 20 39 06 | .. | .. .. | |
| | L i | 20 39 36 | .. | .. * | |
| | M | 20 39 36 to 20 39 48 | .. | .. 3214 | * In the AE instrument the pendulum was striking against one stop from the beginning and against both stops from 20 hr. 39 mins. 36 sec. to 20 hrs. 39 mins. 48 sec.; period could therefore not be determined. In AN. instrument the large oscillations were superposed by smaller oscillations. |
| | F | 21 33 06 | .. | .. .. | Felt at Kabul, Kashgar, Murree, Chakwal (Jhelum District), Skardu, Drosh, Lahore, Nurmahal (District Jullundur), Srinagar, Rawalpindi, Sialkot and D. I. Khan. |
| „ 27th | P i | 4 46 30 | .. | .. .. | |
| | F | 4 46 48 | .. | .. .. | Very slight shock. |
| „ 27th | P | 19 24 24 | .. | .. .. | |
| | S | 19 24 48 | .. | .. .. | |
| | L | 19 25 06 | .. | .. .. | |
| | F | 19 26 24 | .. | .. .. | Slight shock. Felt at Srinagar. |
| Dec. 1st | P | 11 9 54 | .. | .. .. | |
| | M | 11 10 48 | .. | 143 .. | |
| | F | 11 27 36 | .. | .. .. | |
| „ 8th | P | 12 58 18 | .. | .. .. | |
| | F | 13 8 48 | .. | .. .. | Tremors. |
| „ 10th | P i | 17 35 12 | .. | .. .. | |
| | L | 17 35 42 | .. | .. .. | |
| | F | 17 36 42 | .. | .. .. | Slight shock. |
| „ 18th | P | 15 47 54 | .. | .. .. | |
| | M | 16 31 30 | .. | 89 .. | |
| | F | 17 9 30 | .. | .. .. | |
| „ 20th | P | 22 52 30 | .. | .. .. | |
| | F | 23 1 24 | .. | .. .. | Slight shock. |

The following table contains a list of earthquakes that were reported :—

TABLE 25.

| Place at which felt. | Date. | G. M. T. of earthquake. | Duration. | Intensity Rossi-Forel scale. | No. of shocks. | REMARKS. |
|---|---|---|---|---|---|---|
| | 1921 | h. m. | Sec. | | | |
| Shillong . | Jan. 17 | 14 52 | 3/4th of a second. | 5 | 1 | |
| Drosh . | „ 25 | 10 20 | 20 | 6 | 1 | |
| Yatung (Tibet) | „ 28 | 16 05 | 1 | 4 | 1 | |
| Simla . . | Feb. 17 | 2 27 | 5 | 6 | 1 | |
| Mukteswar . | „ 17 | 2 33 | 60 | 4 | 1 | |
| Maymyo . | „ 25 | 23 25 | more than a second. | 4 | 1 | |
| Akyab . . | Mar. 30 | 10 27 | 60 | 8 | 3 | |
| Barisal . . | „ 30 | 10 27 | 3 | 6 | 2 | |
| Chittagong . | „ 30 | 10 36 | 40 | 6 | 2 | |
| Drosh . . | April 9 | 17 40 | 10 | 7 | 1 | |
| Sibsagar . | „ 10 | 23 55 | .. | 5 | 1 | |
| Drosh . . | „ 11 | 4 55 | 60 | 8 | 2 | |
| Digboi (Assam) | „ 11 | 11 55 | .. | .. | 1 | |
| Drosh . . | „ 15 | 10 30 | 30 | 7 | 2 | |
| Do. . . | „ 15 | 22 30 | 20 | 6 | 1 | |
| Angul . . | „ 17 | 15 45 | 5 | 5 | 1 | |
| Drosh . . | „ 21 | 18 00 | 20 | 7 | 1 | |
| Do. . . | „ 29 | 11 45 | 45 | 7 | 2 | |
| Lahore . . | May 20 | 0 38 | 20 | 6 | 2 | |
| Cherat . . | „ 20 | 0 44 | 10 | 3 | 3 | |
| Drosh . . | „ 20 | 0 45 | 80 | 8 | 2 | |
| Kabul (Afghanistan). | „ 20 | 0 49 | 80 | 5 | 2 | |
| Srinagar (Kashmir). | „ 20 | 0 53 | 7 | 7 | 2 | |
| Murree . | „ 20 | 1 00 | 15 to 20 | 8 | 1 | |
| Gurez (Kashmir). | „ 20 | 3 00 | 5 | 6 | 2 | |
| Gulmarg (Kashmir). | June 2 | 23 30 | 6 | 8 | 2 | |
| Drosh . . | „ 11 | 18 35 | 20 | 7 | 1 | |
| Chittagong . | „ 25 | 8 15 | 5 | 6 | 1 | |
| Salona (Dist. Nowgong, Assam). | „ 27 | 5 01 | 8/9 | 6 | 2 | |
| Borjuli (Dist. Darrang, Assam). | „ 27 | 16 59 | 4 | 5 | 1 | |
| Dera Ismail Khan. | July 9 | 21 24 | 35 | 8 | 1 | |
| Kashgar . | „ 21 | 9 46 | 5 | 4 | 3 | |
| Gulmarg (Kashmir). | „ 22 | 0 40 | 3 | 8 | 1 | |
| Skardu (Kashmir). | Aug. 2 | 23 57 | 2 | 4 | 3 | |
| Maymyo . | Sept. 15 | 7 40 | 2 | 5 | 2 | |
| Angul . . | „ 29 | 21 30 | 10 | 4 | 1 | |
| Bushire . | Oct. 2 | 10 55 | 20 | 2 | 1 | |
| Do. . . | „ 2 | 11 00 | 30 | 6 | 1 | |
| Salona (Nowgong Dist., Assam.) | „ 11 | 21 13 | 6/7 | 6 | 1 | |
| Maymyo . | Nov. 10 | 19 43 | 8 or 10 | 5 | 1 | |
| Simla . . | „ 11 | 1 15 | 5 | 4 | 2 | |
| Srinagar (Kashmir). | „ 11 | 1 18 | 12 | 9 | 2 | |
| Gurez (Kashmir). | „ 11 | 1 20 | 2 | 6 | 2 | |
| Skardu (Kashmir). | „ 11 | 1 21 | 2 | 5 | 3 | |
| Srinagar (Kashmir). | „ 11 | 2 37 | 2 | 6 | 1 | |
| Srinagar (Kashmir). | „ 11 | 4 03 | 2 | 6 | 1 | |
| Chaman . | „ 13 | 11 10 | 1 | 3 | 1 | |
| Murree . . | „ 15 | 20 20 | 15 | 6 | 2 | |
| Chakwal (Dist. Jhelum). | Nov. 15 | 20 25 | 120 | 7 | 1 | |
| Skardu (Kashmir). | „ 15 | 20 26 | 3 | 6 | 5 | |
| Drosh . . | „ 15 | 20 30 | 280 | 9 | 1 | |
| Lahore . . | „ 15 | 20 34 | 12 | 5 | 1 | |
| Nurmahal (Dist. Jullundur). | „ 15 | 20 37 | 15 | 6 | 5/6 | |
| Kashgar . | „ 15 | 20 41 | 20 | 5 | 1 | |
| Srinagar (Kashmir). | „ 15 | 20 42 | 17 | 7 | 2 | |
| Rawalpindi . | „ 15 | 20 45 | 65 | 5 | 1 | |
| Simla . . | „ 15 | 20 45 | 22 | 6 | 1 | |
| Sialkot . . | „ 15 | 20 45 | 14, 15 | 6 | Several shocks. | |
| D. I. Khan . | „ 15 | 20 46 | 40 | 5 | 1 | |
| Kabul (Afghanistan). | „ 15 | 20 49 | 90 | 9 | 3 | |
| Srinagar (Kashmir). | „ 27 | 19 32 | 2 | 6 | 1 | |
| Borjuli (Dist. Darrang, Assam). | Dec. 3 | 1 20 | 8 | 5 | 1 | |
| Salona (Dist. Nowgong, Assam). | „ 3 | 1 38 | 5/6 | 6 | 1 | |
| Drosh . . | „ 3 | 20 30 | 20 | 7 | 1 | |
| Borjuli (Dist. Darrang, Assam). | „ 7 | 6 15 | 4 | 5 | 1 | |
| Simla . . | „ 11 | 17 36 | 15 | 6 | 1 | |
| Kashgar . | „ 18 | 23 31 | 8 | 5 | 2 | |
| Borjuli (Dist. Darrang, Assam). | „ 22 | 1 26 | 6 | 5 | 1 | |

## Table A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 12 stations in the year 1921.

# TABLE

*Abstract of observations taken at 10 hrs. and 16 hrs.*

| Station. | Month. | Height of bar-cistern above sea level in feet. | Pressure. | | | | | Temperature of Air. | | | | | | | | Temperature wet bulb. | | | | Nocturnal radiation temperature. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mean of 10 hrs. | Mean of 16 hrs. | Mean daily range. | Mean of daily mean pressure. | Departure from normal. | Mean maximum. | Mean minimum. | Highest maximum. | Lowest maximum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | Mean minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of three previous columns. | Mean. | Depression below mean minimum. | Departure from normal. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| Calcutta (Bengal). | January | 21 | 30·028 | 29·902 | ·126 | 29·955 | —·008 | 78·0 | 58·1 | 85·6 | 48·9 | 69·8 | 76·8 | 67·1 | +1·9 | 56·7 | 62·5 | 63·9 | 61·0 | 50·7 | 6·8 | —0·6 |
| | February | .. | 29·941 | 9·806 | ·135 | 9·866 | —·036 | 83·3 | 61·3 | 92·4 | 52·0 | 74·6 | 82·6 | 71·4 | +1·1 | 59·1 | 65·1 | 65·9 | 63·4 | 54·1 | 6·4 | —0·5 |
| | March | .. | 9·810 | ·665 | ·145 | ·732 | —·069 | 92·7 | 73·0 | 102·3 | 62·5 | 84·0 | 91·1 | 81·9 | +2·6 | 68·8 | 74·1 | 73·3 | 72·1 | 66·9 | 5·7 | —0·3 |
| | April | .. | ·778 | ·651 | ·127 | ·713 | +·017 | 94·4 | 76·2 | 100·6 | 71·3 | 88·1 | 92·0 | 84·6 | —0·4 | 72·5 | 79·2 | 79·0 | 76·9 | 71·6 | 4·6 | +0·1 |
| | May | .. | ·576 | ·456 | ·120 | ·518 | —·088 | 97·1 | 81·3 | 101·7 | 71·6 | 91·0 | 95·1 | 88·9 | +3·2 | 78·0 | 81·6 | 82·2 | 80·6 | 78·0 | 3·3 | +0·1 |
| | June | .. | ·493 | ·398 | ·095 | ·452 | —·042 | 90·8 | 79·6 | 95·6 | 73·1 | 86·5 | 87·6 | 84·9 | +0·4 | 77·1 | 81·3 | 81·5 | 80·0 | 77·0 | 2·5 | +0·3 |
| | July | .. | ·486 | ·394 | ·092 | ·446 | —·039 | 88·8 | 79·2 | 92·6 | 75·2 | 84·7 | 85·3 | 83·7 | +0·7 | 78·1 | 80·9 | 81·0 | 80·0 | 76·7 | 2·7 | +0·3 |
| | August | .. | ·532 | ·433 | ·099 | ·484 | —·052 | 87·5 | 78·7 | 91·4 | 76·1 | 83·6 | 84·8 | 82·8 | +0·4 | 77·2 | 80·1 | 80·4 | 79·2 | 76·4 | 2·2 | +0·2 |
| | September | .. | ·678 | ·571 | ·107 | ·625 | —·012 | 88·2 | 78·6 | 91·2 | 74·0 | 84·3 | 84·7 | 83·1 | +0·5 | 76·8 | 79·8 | 79·7 | 78·8 | 75·1 | 3·4 | +0·2 |
| | October | .. | ·897 | ·783 | ·114 | ·836 | +·051 | 86·4 | 73·4 | 91·1 | 63·3 | 82·7 | 84·5 | 79·4 | —0·6 | 71·4 | 74·7 | 74·6 | 73·5 | 67·7 | 5·7 | +1·4 |
| | November | .. | 30·006 | ·887 | ·119 | ·942 | +·033 | 82·6 | 63·0 | 86·1 | 57·6 | 77·4 | 79·3 | 72·2 | —0·2 | 61·1 | 67·2 | 67·2 | 65·1 | 55·5 | 7·5 | +1·1 |
| | December | .. | ·039 | ·914 | ·125 | ·970 | —·003 | 79·3 | 57·1 | 82·5 | 52·9 | 72·1 | 77·9 | 67·2 | +1·9 | 55·6 | 63·2 | 64·0 | 60·9 | 48·7 | 8·4 | +0·0 |
| | Year | .. | 29·772 | 29·655 | ·117 | 29·712 | —·021 | 87·4 | 71·6 | 102·3 | 48·9 | 81·6 | 85·1 | 78·9 | +1·0 | 69·4 | 74·1 | 74·4 | 72·6 | 66·5 | 4·9 | +0·3 |
| Lahore (Punjab). | January | 702 | 29·349 | 29·258 | ·091 | 29·294 | +·003 | 70·0 | 42·6 | 75·0 | 36·1 | 57·2 | 69·0 | 54·4 | +1·4 | 40·2 | 49·8 | 55·6 | 48·6 | 30·7 | 10·9 | +1·2 |
| | February | .. | 9·243 | 9·151 | ·092 | ·188 | —·058 | 76·8 | 45·8 | 89·0 | 35·3 | 63·2 | 76·2 | 60·2 | +2·9 | 41·8 | 52·5 | 57·5 | 50·6 | 33·3 | 12·0 | +2·5 |
| | March | .. | ·097 | 28·992 | ·105 | ·038 | —·094 | 91·4 | 60·1 | 99·4 | 49·7 | 80·0 | 90·8 | 75·1 | +6·1 | 52·4 | 61·9 | 65·3 | 59·8 | 49·6 | 10·4 | +1·4 |
| | April | .. | ·021 | ·904 | ·117 | 28·957 | —·043 | 103·1 | 73·0 | 108·5 | 57·3 | 93·7 | 101·7 | 87·7 | +6·8 | 60·5 | 68·2 | 70·2 | 66·3 | 63·1 | 9·9 | +0·6 |
| | May | .. | 28·808 | ·713 | ·095 | ·755 | —·115 | 110·1 | 77·6 | 115·5 | 69·1 | 101·3 | 108·9 | 93·5 | +4·6 | 62·9 | 71·0 | 72·8 | 68·9 | 66·3 | 11·2 | +2·1 |
| | June | .. | ·735 | ·638 | ·097 | ·679 | —·059 | 107·1 | 83·3 | 115·3 | 71·7 | 97·6 | 105·6 | 94·8 | +1·8 | 71·3 | 76·9 | 76·9 | 75·0 | 74·4 | 9·1 | +2·7 |
| | July | .. | ·737 | ·640 | ·097 | ·684 | —·049 | 102·3 | 83·3 | 110·8 | 75·3 | 93·5 | 100·6 | 91·9 | +2·8 | 77·0 | 80·9 | 82·5 | 80·2 | 79·1 | 4·6 | +0·5 |
| | August | .. | ·808 | ·715 | ·093 | ·753 | —·046 | 95·3 | 80·6 | 100·3 | 76·1 | 88·5 | 94·4 | 87·0 | —0·1 | 77·1 | 80·1 | 81·7 | 79·6 | 76·2 | 4·4 | +0·2 |
| | September | .. | ·974 | ·873 | ·101 | ·915 | —·022 | 95·5 | 76·6 | 101·3 | 66·0 | 87·6 | 93·5 | 85·0 | +0·2 | 72·6 | 77·1 | 78·5 | 76·1 | 70·6 | 5·9 | —0·7 |
| | October | .. | 29·182 | 29·088 | ·094 | 29·124 | +·010 | 89·9 | 63·7 | 99·7 | 54·3 | 80·7 | 88·9 | 75·4 | —0·3 | 59·9 | 68·0 | 70·5 | 66·2 | 54·1 | 9·7 | —0·2 |
| | November | .. | ·337 | ·251 | ·086 | ·286 | +·035 | 81·5 | 51·4 | 86·1 | 45·0 | 69·8 | 80·3 | 64·5 | +1·3 | 48·9 | 59·5 | 64·0 | 57·4 | 40·6 | 10·8 | 0 |
| | December | .. | ·348 | ·267 | ·081 | ·297 | —·023 | 70·4 | 50·2 | 78·5 | 40·3 | 60·4 | 69·1 | 58·1 | +3·5 | 48·1 | 55·3 | 60·0 | 54·5 | 41·7 | 7·8 | —2·3 |
| | Year | .. | 29·053 | 29·957 | ·096 | 28·997 | —·038 | 91·1 | 65·7 | 85·5 | 35·3 | 81·1 | 89·9 | 77·3 | +2·6 | 59·4 | 66·8 | 69·6 | 65·3 | 56·6 | 8·9 | +0·7 |

**A.**

*at 12 stations in India, etc., in 1921.*

| Vapour tension in inches of mercury. | | | | | Humidity. | | | | | Cloud. | | | | Wind direction. | | | | | | | | | | | Wind velocity. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | Total number of 10 hrs. and 16 hrs. winds from | | | | | | | | | | | | |
| From minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | From minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | Mean 10 hrs. | Mean 16 hrs. | Mean of two previous columns. | Departure from normal. | Calm. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. | Mean wind direction. | Normal mean wind direction of month. | Mean velocity in miles per diem. | Departure from normal. |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| ·448 | ·471 | ·425 | ·465 | +·034 | 91 | 65 | 46 | 69 | —1 | 3·8 | 2·9 | 3·3 | +1·8 | 6 | 11 | 10 | 4 | 1 | 0 | 8 | 8 | 14 | N 28° W | N 30° W | 47 | +2 |
| ·482 | ·505 | ·420 | ·495 | +·010 | 87 | 58 | 37 | 64 | —2 | 1·3 | 0·4 | 0·9 | —1·3 | 2 | 4 | 4 | 1 | 2 | 7 | 14 | 12 | 10 | S 79° W | N 73° W | 66 | +8 |
| ·655 | ·716 | ·589 | ·693 | +·050 | 80 | 62 | 42 | 66 | —1 | 2·0 | 1·6 | 1·8 | —0·4 | 1 | 2 | 0 | 4 | 4 | 17 | 24 | 4 | 6 | S 31° W | S 60° W | 99 | +13 |
| ·752 | ·877 | ·818 | ·847 | +·050 | 83 | 66 | 55 | 73 | +3 | 2·6 | 2·1 | 2·3 | —0·3 | 0 | 1 | 0 | 0 | 5 | 30 | 23 | 1 | 0 | S 16° W | S 30° W | 135 | +12 |
| ·917 | ·954 | ·924 | ·941 | +·058 | 85 | 66 | 56 | 72 | —3 | 3·9 | 3·0 | 3·5 | —0·8 | 0 | 2 | 1 | 5 | 9 | 27 | 17 | 1 | 0 | S 1° W | S 9° W | 138 | +15 |
| ·896 | 1·000 | ·993 | ·974 | +·003 | 89 | 80 | 77 | 84 | +1 | 8·5 | 7·8 | 8·1 | +0·6 | 4 | 1 | 1 | 6 | 10 | 25 | 12 | 0 | 1 | S 7° E | S 3° W | 113 | +9 |
| ·944 | 1·001 | ·999 | ·982 | +·011 | 95 | 84 | 82 | 88 | +1 | 8·9 | 9·2 | 9·1 | +0·5 | 2 | 0 | 2 | 14 | 13 | 16 | 12 | 3 | 0 | S 22° E | S 1° W | 92 | +4 |
| ·910 | ·980 | ·978 | ·958 | —·009 | 93 | 85 | 82 | 88 | 0 | 9·3 | 9·2 | 9·3 | +0·6 | 2 | 3 | 1 | 4 | 9 | 13 | 21 | 5 | 4 | S 23° W | S 2° E | 85 | +3 |
| ·897 | ·955 | ·937 | ·936 | —·016 | 92 | 81 | 78 | 85 | —1 | 8·0 | 8·4 | 8·2 | +0·3 | 7 | 2 | 2 | 16 | 7 | 8 | 12 | 2 | 4 | S 31° E | S 9° W | 65 | —6 |
| ·745 | ·749 | ·725 | ·760 | —·056 | 90 | 68 | 62 | 76 | —6 | 4·9 | 4·4 | 4·7 | +0·1 | 1 | 8 | 7 | 5 | 3 | 9 | 9 | 5 | 15 | N 58° W | N 18° W | 43 | —16 |
| ·513 | ·530 | ·477 | ·522 | —·056 | 89 | 56 | 45 | 67 | —7 | 0·7 | 1·7 | 1·2 | —1·3 | 5 | 17 | 6 | 1 | 0 | 0 | 1 | 3 | 27 | N 24° W | N 12° W | 48 | +4 |
| ·424 | ·461 | ·413 | ·445 | +·007 | 91 | 58 | 43 | 67 | —4 | 2·7 | 1·8 | 2·3 | +0·5 | 6 | 12 | 6 | 5 | 0 | 1 | 2 | 6 | 24 | N 26° W | N 13° W | 39 | —5 |
| ·715 | ·767 | ·725 | ·751 | +·007 | 89 | 69 | 59 | 75 | —2 | 4·7 | 4·4 | 4·6 | 0 | 36 | 63 | 40 | 65 | 63 | 153 | 155 | 50 | 105 | .. | .. | 81 | +4 |
| ·222 | ·261 | ·264 | ·253 | —·016 | 81 | 56 | 38 | 61 | —9 | 2·6 | 3·8 | 3·2 | —0·5 | 15 | 6 | 5 | 3 | 4 | 0 | 1 | 6 | 22 | N 31° W | N 30° W | 26 | —4 |
| ·214 | ·258 | ·233 | ·243 | —·044 | 70 | 45 | 27 | 50 | —12 | 3·2 | 2·8 | 3·0 | —0·9 | 3 | 3 | 4 | 1 | 9 | 0 | 0 | 8 | 28 | N 42° W | N 30° W | 43 | +4 |
| ·298 | ·316 | ·283 | ·310 | —·050 | 57 | 31 | 19 | 38 | —16 | 1·8 | 1·9 | 1·9 | —1·6 | 5 | 0 | 7 | 2 | 16 | 5 | 1 | 4 | 22 | N 30° W | N 12° W | 63 | +12 |
| ·365 | ·346 | ·317 | ·360 | —·035 | 45 | 22 | 16 | 30 | —11 | 0·8 | 0·9 | 0·9 | —2·0 | 5 | 3 | 6 | 2 | 11 | 2 | 4 | 8 | 19 | N 52° W | N 15° W | 56 | 0 |
| ·379 | ·353 | ·319 | ·361 | —·093 | 40 | 18 | 13 | 25 | —11 | 0 | 0·7 | 0·3 | —1·9 | 8 | 1 | 5 | 2 | 13 | 10 | 7 | 9 | 7 | S 16° W | N 12° E | 50 | —6 |
| ·607 | ·646 | ·537 | ·614 | —·013 | 54 | 38 | 25 | 40 | —4 | 1·7 | 1·6 | 1·7 | —1·2 | 2 | 1 | 11 | 2 | 16 | 2 | 9 | 8 | 9 | S 5° E | N 18° E | 58 | —5 |
| ·845 | ·885 | ·865 | ·883 | +·023 | 74 | 57 | 46 | 60 | —5 | 3·2 | 2·8 | 3·0 | —1·3 | 16 | 1 | 7 | 4 | 20 | 5 | 6 | 0 | 3 | S 47° E | S 78° E | 59 | —1 |
| ·881 | ·911 | ·910 | ·925 | +·041 | 85 | 69 | 58 | 71 | 0 | 3·5 | 3·3 | 3·4 | —0·6 | 10 | 1 | 10 | 1 | 7 | 1 | 5 | 5 | 22 | N 38° W | S 78° E | 39 | —10 |
| ·752 | ·790 | ·774 | ·783 | +·065 | 82 | 61 | 50 | 64 | +3 | 1·7 | 2·3 | 2·0 | +0·1 | 17 | 0 | 8 | 4 | 12 | 0 | 4 | 3 | 12 | N 54° E | N 46° E | 28 | —9 |
| ·472 | ·519 | ·503 | ·505 | +·060 | 79 | 50 | 38 | 60 | +8 | 0·7 | 0·7 | 0·7 | —0·1 | 22 | 1 | 3 | 3 | 9 | 3 | 3 | 1 | 17 | N 45° W | N 9° W | 28 | 0 |
| ·314 | ·372 | ·378 | ·351 | +·035 | 82 | 51 | 37 | 61 | +4 | 1·8 | 1·8 | 1·8 | +0·3 | 34 | 3 | 1 | 0 | 2 | 1 | 0 | 3 | 16 | N 44° W | N 42° W | 13 | —10 |
| ·311 | ·372 | ·396 | ·358 | +·087 | 85 | 71 | 57 | 73 | +10 | 5·3 | 5·2 | 5·3 | +2·5 | 30 | 0 | 4 | 2 | 10 | 0 | 0 | 2 | 14 | N | N 36° W | 22 | —1 |
| ·472 | ·502 | ·482 | ·495 | +·005 | 69 | 47 | 35 | 53 | —4 | 2·2 | 2·3 | 2·3 | —0·6 | 167 | 20 | 71 | 26 | 129 | 29 | 40 | 57 | 191 | .. | .. | 40 | —3 |

# TABLE

*Abstract of observations taken at 10 hrs. and 16 hrs.*

| Station. | Month. | Height of bar-cisterns above sea-level in feet. | Pressure. Mean of 10 hrs. | Pressure. Mean of 16 hrs. | Pressure. Mean daily range. | Pressure. Mean of daily mean pressure. | Pressure. Departure from normal. | Temperature of Air. Mean maximum. | Temperature of Air. Mean minimum. | Temperature of Air. Highest maximum. | Temperature of Air. Lowest minimum. | Temperature of Air. Mean 10 hrs. | Temperature of Air. Mean 16 hrs. | Temperature of Air. Mean of daily means. | Temperature of Air. Departure from normal. | Temperature wet bulb. Mean minimum. | Temperature wet bulb. Mean 10 hrs. | Temperature wet bulb. Mean 16 hrs. | Temperature wet bulb. Mean of three previous columns. | Nocturnal radiation temperature. Mean. | Nocturnal radiation temperature. Depression below mean minimum. | Nocturnal radiation temperature. Departure from normal. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| Srinagar (Kashmir). | January | 5,204 | 25·032 | 24·961 | ·071 | 24·988 | +·029 | 38·4 | 29·[illegible] | 50·[illegible] | 15·3 | 32·9 | 36·1 | 31·[illegible] | +1·[illegible] | 28·2 | 31·6 | 33·7 | 31·2 | 24·6 | 3·8 | —4·1 |
| | February | | ·026 | ·943 | ·077 | ·977 | +·072 | 32·4 | 21·[illegible] | 47·[illegible] | 10·[illegible] | 26·2 | 30·9 | 25·[illegible] | —7·7 | 21·6 | 26·0 | 30·2 | 25·9 | 20·8 | 0·5 | —7·5 |
| | March | | 24·914 | ·810 | ·104 | ·857 | —·015 | 60·8 | 39·[illegible] | 68·[illegible] | 23·8 | 50·4 | 58·9 | 48·9 | +3·8 | 38·2 | 46·0 | 51·5 | 45·4 | 36·7 | 2·6 | —6·4 |
| | April | | ·932 | ·839 | ·093 | ·880 | +·028 | 70·3 | 47·[illegible] | 79·[illegible] | 31·3 | 61·0 | 66·8 | 57·9 | +2·2 | 45·9 | 55·0 | 57·7 | 52·9 | 41·5 | 6·0 | —3·5 |
| | May | | ·770 | ·680 | ·090 | ·727 | —·055 | 77·5 | 52·[illegible] | 86·[illegible] | 47·0 | 68·7 | 75·4 | 64·0 | +0·7 | 50·1 | 59·0 | 62·8 | 57·3 | 45·7 | 7·0 | —3·5 |
| | June | | ·694 | ·634 | ·060 | ·666 | +·002 | 79·[illegible] | 55·[illegible] | 88·[illegible] | 48·[illegible] | 70·7 | 76·8 | 66·2 | —3·7 | 53·1 | 61·7 | 65·9 | 60·2 | 47·7 | 7·6 | —2·7 |
| | July | | ·602 | ·510 | ·092 | ·552 | —·040 | 89·7 | 65·[illegible] | 95·[illegible] | [illegible]7· | 79·8 | 87·[illegible] | 75·[illegible] | +2·7 | 62·1 | 68·7 | 72·9 | 67·9 | 57·5 | 6·0 | —4·2 |
| | August | | ·641 | ·559 | ·082 | ·597 | —·039 | 83·[illegible] | 65·[illegible] | 90·[illegible] | 58·[illegible] | 76·0 | 81·9 | 71·8 | +1·0 | 63·3 | 69·1 | 70·2 | 67·6 | 60·3 | 4·9 | —4·8 |
| | September | | ·781 | ·682 | ·099 | ·730 | —·041 | 81·[illegible] | 55·[illegible] | 88·[illegible] | 46·[illegible] | 72·1 | 78·9 | 66·0 | +2·[illegible] | 53·8 | 63·7 | 67·6 | 61·7 | 46·3 | 9·1 | —2·2 |
| | October | | ·961 | ·865 | ·096 | ·911 | +·008 | 65·[illegible] | 40·[illegible] | 78·[illegible] | 32·[illegible] | 54·8 | 61·8 | 51·[illegible] | —1·8 | 39·2 | 50·3 | 52·8 | 47·4 | 33·9 | 6·5 | —4·5 |
| | November | | 25·047 | ·953 | ·094 | ·997 | +·031 | 58·5 | 32·[illegible] | 63·[illegible] | 27·8 | 46·2 | 56·7 | 43·0 | —0·4 | 32·2 | 42·4 | 48·0 | 40·9 | 25·9 | 6·7 | —4·1 |
| | December | | ·009 | ·911 | ·098 | ·952 | —·037 | 44·7 | 34·[illegible] | 5[illegible] | 26·[illegible] | 39·[illegible] | 43·3 | 37·4 | +1·1 | 33·2 | 37·4 | 40·2 | 36·9 | 30·3 | 3·1 | —6·9 |
| | Year | | 24·867 | 24·779 | ·088 | 24·819 | —·005 | 65·1 | 44·9 | 95·[illegible] | 10·[illegible] | 56·[illegible] | 62·9 | 53·4 | +0·1 | 43·4 | 50·9 | 54·5 | 49·0 | 39·3 | 5·3 | —4·5 |
| Bombay (Bombay). | January | 37 | 29·933 | 29·820 | ·113 | 29·869 | —·025 | 83·9 | 67·4 | 90·8 | 60·7 | 75·2 | 79·2 | 75·1 | +0·6 | 58·1 | 66·0 | 70·1 | 64·7 | 57·7 | 10·1 | +0·7 |
| | February | | ·894 | ·774 | ·120 | ·840 | —·032 | 84·4 | 68·8 | 95·0 | 64·[illegible] | 76·1 | 79·6 | 75·7 | +0·9 | 60·8 | 66·9 | 70·1 | 65·9 | 60·2 | 8·6 | —0·3 |
| | March | | ·842 | ·718 | ·124 | ·776 | —·04[illegible] | 87·9 | 74·1 | 91·1 | 69·[illegible] | 81·0 | 84·1 | 79·4 | +1·4 | 66·9 | 73·5 | 74·6 | 71·7 | 65·6 | 8·5 | +0·4 |
| | April | | ·810 | ·693 | ·117 | ·751 | 0 | 90·9 | 78·9 | 96·2 | 74·9 | 85·3 | 87·1 | 83·9 | +1·8 | 73·3 | 77·9 | 78·5 | 76·6 | 72·4 | 6·4 | —0·1 |
| | May | | ·742 | ·651 | ·091 | ·695 | —·018 | 92·5 | 81·5 | 93·9 | 79·4 | 87·6 | 89·2 | 85·9 | +1·3 | 75·5 | 78·6 | 79·1 | 77·7 | 77·7 | 3·8 | —0·6 |
| | June | | ·645 | ·568 | ·077 | ·607 | —·005 | 89·0 | 80·5 | 94·4 | 74·4 | 84·7 | 85·5 | 83·5 | +1·1 | 76·6 | 79·1 | 79·3 | 78·3 | 77·1 | 3·4 | +0·4 |
| | July | | ·637 | ·573 | ·064 | ·604 | —·007 | 83·8 | 77·3 | 86·6 | 75·2 | 80·8 | 81·1 | 79·0 | —0·5 | 74·5 | 77·5 | 77·4 | 76·5 | 74·5 | 3·3 | +0·8 |
| | August | | ·687 | ·615 | ·072 | ·649 | —·019 | 83·8 | 77·2 | 86·0 | 75·6 | 80·5 | 81·5 | 79·4 | 0 | 75·0 | 77·1 | 77·1 | 76·4 | 73·6 | 3·7 | +0·9 |
| | September | | ·774 | ·690 | ·084 | ·730 | 0 | 84·0 | 76·6 | 86·1 | 74·1 | 80·4 | 81·1 | 79·2 | —0·2 | 74·2 | 76·7 | 76·4 | 75·8 | 72·3 | 4·3 | +0·9 |
| | October | | ·858 | ·745 | ·113 | ·799 | +·013 | 89·3 | 77·3 | 91·5 | 72·7 | 83·0 | 85·8 | 82·0 | +1·3 | 73·0 | 76·4 | 77·6 | 75·7 | 70·2 | 7·1 | +1·0 |
| | November | | ·950 | ·842 | ·108 | ·892 | +·040 | 87·5 | 73·1 | 90·9 | 70·5 | 79·7 | 83·3 | 79·5 | +0·2 | 67·8 | 70·9 | 73·2 | 70·6 | 63·2 | 9·9 | +0·9 |
| | December | | 9·955 | 9·841 | ·114 | ·893 | +·001 | 85·2 | 70·7 | 89·0 | 67·2 | 76·9 | 81·2 | 77·2 | +0·8 | 65·3 | 68·4 | 71·6 | 68·4 | 60·8 | 9·9 | +0·1 |
| | Year | | 29·811 | 29·711 | ·100 | 29·759 | —·008 | 86·9 | 75·3 | 96·2 | 60·7 | 81·0 | 83·2 | 80·0 | +0·7 | 70·1 | 74·1 | 75·4 | 73·3 | 68·8 | 6·6 | +0·4 |

**A**—*contd.*

*at 12 stations in India, etc., in 1921.*

| Vapour tension in inches of mercury. | | | | | Humidity. | | | | | Cloud. | | | | Wind direction. | | | | | | | | | | | Wind velocity. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | Total number of 10 hrs. and 16 hrs. winds from | | | | | | | | | | | | |
| From minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | From minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | Mean 10 hrs. | Mean 16 hrs. | Mean of two previous colum | Departure from normal. | Calm. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. | Mean wind direction. | Normal mean wind direction of month. | Mean velocity in miles per diem. | Departure from normal. |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| ·149 | ·165 | ·168 | ·161 | +·003 | 93 | 88 | 80 | 87 | +3 | 10·0 | 9·0 | 9·5 | +2·3 | 18 | 3 | 2 | 1 | 20 | 8 | 0 | 2 | 8 | S 36° E | S 21° E | 36 | —18 |
| ·120 | ·106 | ·164 | ·138 | —·036 | 99 | 99 | 95 | 98 | +15 | 9·0 | 8·0 | 8·5 | +1·9 | 18 | 1 | 2 | 0 | 11 | 5 | 3 | 2 | 14 | S 26° W | S 9° W | 27 | —34 |
| ·222 | ·279 | ·302 | ·255 | 0 | 90 | 76 | 61 | 76 | —5 | 4·0 | 4·1 | 4·1 | —1·6 | 19 | 5 | 4 | 1 | 10 | 4 | 3 | 1 | 15 | N 29° W | N 24° W | 40 | —44 |
| ·292 | ·359 | ·363 | ·317 | —·013 | 88 | 66 | 55 | 70 | —8 | 3·8 | 6·1 | 4·9 | —0·1 | 17 | 5 | 5 | 0 | 9 | 2 | 1 | 3 | 18 | N 29° W | N 18° W | 36 | —48 |
| ·332 | ·390 | ·431 | ·355 | —·087 | 83 | 56 | 50 | 63 | —15 | 3·0 | 6·0 | 4·5 | +0·5 | 22 | 11 | 9 | 1 | 4 | 3 | 0 | 2 | 10 | N 4° E | N 30° E | 34 | —41 |
| ·379 | ·450 | ·521 | ·402 | —·133 | 86 | 60 | 56 | 68 | —11 | 5·0 | 5·0 | 5·0 | +1·4 | 19 | 4 | 1 | 0 | 8 | 0 | 0 | 6 | 22 | N 46° W | N 9° E | 55 | —11 |
| ·527 | ·577 | ·619 | ·520 | —·119 | 84 | 57 | 48 | 63 | —18 | 3·0 | 3·0 | 3·0 | —1·0 | 28 | 5 | 3 | 0 | 4 | 2 | 1 | 4 | 15 | N 40° W | N 48° W | 45 | —24 |
| ·564 | ·637 | ·607 | ·555 | —·058 | 90 | 71 | 55 | 72 | —8 | 4·0 | 4·0 | 4·0 | +0·2 | 38 | 3 | 2 | 1 | 6 | 3 | 0 | 1 | 8 | N | N 48° W | 37 | —26 |
| ·402 | ·505 | ·557 | ·457 | —·041 | 90 | 63 | 56 | 70 | —10 | 2·0 | 4·0 | 3·0 | —0·3 | 32 | 2 | 3 | 0 | 11 | 2 | 0 | 0 | 9 | E | N 33° W | 34 | —24 |
| ·228 | ·319 | ·304 | ·239 | —·063 | 90 | 74 | 56 | 74 | —5 | 3·0 | 4·0 | 3·5 | +0·8 | 28 | 3 | 2 | 1 | 9 | 0 | 2 | 2 | 15 | N 35° W | N 23° W | 39 | —14 |
| ·169 | ·229 | ·238 | ·196 | —·037 | 90 | 85 | 60 | 72 | —7 | 3·0 | 3·0 | 3·0 | 0 | 22 | 5 | 6 | 1 | 5 | 3 | 0 | 4 | 14 | N 23° W | N 1° E | 35 | —10 |
| ·082 | ·205 | ·212 | ·192 | +·016 | 89 | 86 | 79 | 83 | +2 | 9·0 | 8·0 | 8·5 | +3·4 | 16 | 11 | 3 | 0 | 4 | 0 | 0 | 2 | 26 | N 28° W | S 36° E | 37 | —8 |
| ·289 | ·352 | ·374 | ·316 | —·047 | 89 | 73 | 63 | 75 | —6 | 4·9 | 5·3 | 5·1 | +0·6 | 277 | 58 | 42 | 6 | 101 | 32 | 10 | 29 | 174 | | | 38 | —25 |
| ·366 | ·519 | ·617 | ·519 | —·072 | 53 | 59 | 61 | 62 | —10 | 0·5 | 0·6 | 0·5 | —0·6 | 0 | 10 | 12 | 13 | 1 | 0 | 0 | 2 | 24 | N 5° E | N 6° E | 152 | —22 |
| ·426 | ·538 | ·610 | ·548 | —·071 | 60 | 60 | 60 | 64 | —7 | 0·7 | 0·6 | 0·7 | —0·5 | 0 | 6 | 9 | 10 | 1 | 1 | 0 | 5 | 24 | N 10° W | N 1° W | 146 | —37 |
| ·562 | ·717 | ·727 | ·696 | —·041 | 67 | 67 | 62 | 69 | —6 | 0·5 | 0 | 0·3 | —1·0 | 0 | 2 | 3 | 5 | 4 | 5 | 3 | 10 | 30 | N 57° W | N 36° W | 155 | —36 |
| ·741 | ·853 | ·856 | ·842 | +·001 | 75 | 70 | 66 | 73 | —4 | 1·4 | 1·1 | 1·9 | —0·3 | 0 | 0 | 0 | 2 | 3 | 6 | 6 | 25 | 18 | N 89° W | N 60° W | 147 | —38 |
| ·797 | ·858 | ·858 | ·851 | —·038 | 74 | 66 | 62 | 70 | —6 | 2·1 | 2·1 | 2·1 | —0·5 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 38 | 13 | N 89° W | N 83° W | 127 | —50 |
| ·864 | ·917 | ·917 | ·907 | —·031 | 83 | 77 | 76 | 81 | —2 | 6·5 | 7·4 | 6·9 | —0·2 | 0 | 1 | 1 | 0 | 2 | 13 | 18 | 22 | 3 | S 55° W | S 63° W | 156 | —110 |
| ·813 | ·900 | ·891 | ·883 | —·038 | 87 | 86 | 84 | 87 | 0 | 8·7 | 8·9 | 8·8 | +0·1 | 0 | 0 | 0 | 0 | 0 | 2 | 19 | 41 | 0 | S 74° W | S 75° W | 250 | —90 |
| ·835 | ·886 | ·870 | ·872 | —·013 | 89 | 85 | 82 | 86 | —1 | 8·6 | 7·7 | 8·1 | —0·3 | 0 | 0 | 0 | 0 | 0 | 4 | 23 | 33 | 2 | S 70° W | S 81° W | 185 | —85 |
| ·809 | ·870 | ·847 | ·849 | —·023 | 89 | 84 | 80 | 85 | —1 | 6·8 | 7·3 | 7·1 | +0·2 | 0 | 1 | 0 | 1 | 1 | 3 | 10 | 35 | 9 | S 86° W | N 84° W | 181 | —8 |
| ·753 | ·823 | ·838 | ·818 | —·034 | 80 | 73 | 68 | 76 | —5 | 3·1 | 2·7 | 2·9 | —0·2 | 0 | 5 | 12 | 13 | 3 | 0 | 2 | 5 | 22 | N 4° E | N 9° E | 138 | —21 |
| ·606 | ·644 | ·676 | ·667 | —·049 | 74 | 64 | 60 | 70 | —3 | 1·2 | 1·4 | 1·3 | —0·4 | 0 | 1 | 5 | 18 | 8 | 0 | 0 | 9 | 19 | N 21° E | N 18° E | 129 | —39 |
| ·547 | ·583 | ·642 | ·616 | —·023 | 73 | 63 | 60 | 68 | —4 | 0·8 | 0·9 | 0·9 | —1·0 | 0 | 7 | 6 | 16 | 6 | 0 | 0 | 7 | 20 | N 9° E | N 15° E | 140 | —30 |
| ·677 | ·759 | ·779 | ·756 | —·036 | 75 | 71 | 68 | 74 | —4 | 3·4 | 3·4 | 3·5 | —0·4 | 0 | 33 | 48 | 78 | 29 | 35 | 91 | 232 | 184 | | | 159 | —47 |

# TABLE

*Abstract of observations taken at 10 hrs. and 16 hrs.*

| Station. | Month. | Height of bar-cistern above sea-level in feet. | Pressure. Mean of 10 hrs. | Pressure. Mean of 16 hrs. | Pressure. Mean daily range. | Pressure. Mean of daily mean pressure. | Pressure. Departure from normal. | Temperature of air. Mean maximum. | Temperature of air. Mean minimum. | Temperature of air. Highest maximum. | Temperature of air. Lowest minimum. | Temperature of air. Mean 10 hrs. | Temperature of air. Mean 16 hrs. | Temperature of air. Mean of daily means. | Temperature of air. Departure from normal. | Temperature wet bulb. Mean minimum. | Temperature wet bulb. Mean 10 hrs. | Temperature wet bulb. Mean 16 hrs. | Temperature wet bulb. Mean of three previous columns. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Jaipur (Rajputana). | January | 1,431 | 28·607 | 28·503 | ·104 | 28·546 | +·008 | 76·0 | 48·4 | 84·4 | 40·2 | 67·2 | 74·7 | 60·8 | +0·9 | 43·3 | 52·8 | 55·7 | 50·6 |
| | February | .. | ·535 | ·431 | ·104 | ·472 | —·020 | 83·0 | 49·9 | 94·3 | 40·6 | 73·1 | 81·8 | 65·3 | +1·1 | 42·1 | 53·9 | 56·4 | 50·8 |
| | March | .. | ·428 | ·312 | ·116 | ·362 | —·045 | 96·6 | 62·5 | 103·2 | 49·2 | 86·4 | 95·4 | 79·1 | +4·2 | 50·2 | 60·3 | 62·5 | 57·7 |
| | April | .. | ·371 | ·253 | ·118 | ·306 | +·005 | 104·3 | 73·1 | 109·5 | 64·8 | 95·4 | 101·8 | 88·6 | +2·3 | 57·4 | 66·8 | 68·0 | 64·1 |
| | May | .. | ·214 | ·105 | ·109 | ·154 | —·044 | 108·8 | 78·3 | 113·0 | 69·7 | 98·8 | 107·2 | 92·7 | +1·1 | 62·5 | 69·6 | 68·9 | 67·0 |
| | June | .. | ·109 | ·004 | ·105 | ·055 | —·032 | 106·8 | 84·0 | 113·5 | 75·0 | 96·4 | 104·3 | 94·2 | +3·6 | 71·7 | 75·4 | 74·0 | 73·7 |
| | July | .. | ·101 | ·002 | ·099 | ·050 | —·019 | 94·6 | 78·7 | 102·5 | 73·2 | 87·3 | 92·2 | 85·5 | +0·8 | 75·3 | 77·2 | 77·9 | 76·8 |
| | August | .. | ·172 | ·084 | ·088 | ·128 | —·005 | 89·4 | 76·5 | 94·5 | 73·2 | 83·1 | 86·9 | 81·3 | —1·0 | 73·5 | 75·2 | 75·9 | 74·9 |
| | September | .. | ·295 | ·194 | ·101 | ·241 | —·017 | 90·1 | 73·5 | 93·7 | 66·8 | 83·6 | 86·9 | 80·3 | —2·1 | 71·5 | 75·1 | 75·2 | 73·9 |
| | October | .. | ·503 | ·400 | ·103 | ·446 | +·033 | 92·3 | 64·3 | 97·7 | 54·2 | 84·6 | 91·0 | 77·0 | —0·9 | 59·0 | 66·5 | 66·8 | 64·1 |
| | November | .. | ·627 | ·527 | ·100 | ·568 | +·052 | 85·7 | 54·5 | 90·2 | 48·4 | 78·5 | 83·5 | 68·5 | —0·4 | 48·8 | 59·5 | 61·0 | 56·4 |
| | December | .. | ·619 | ·511 | ·108 | ·554 | —·010 | 79·3 | 52·8 | 83·5 | 42·3 | 70·9 | 77·5 | 64·1 | +2·6 | 48·3 | 57·2 | 59·6 | 55·0 |
| | Year | .. | 28·382 | 28·277 | ·105 | 28·323 | —·008 | 92·2 | 66·4 | 113·5 | 40·2 | 83·8 | 90·3 | 78·1 | +1·0 | 58·6 | 65·8 | 66·8 | 63·7 |
| Bangalore (Mysore). | January | 3,021 | 26·969 | 26·860 | ·109 | 26·913 | —·005 | 83·0 | 60·4 | 90·5 | 52·8 | 74·2 | 80·2 | 70·7 | +3·2 | 58·9 | 63·8 | 63·9 | 62·2 |
| | February | .. | ·953 | ·824 | ·129 | ·886 | —·015 | 87·3 | 59·1 | 90·4 | 54·4 | 77·3 | 85·2 | 72·5 | +0·5 | 55·7 | 61·5 | 61·3 | 59·5 |
| | March | .. | ·913 | ·779 | ·134 | ·846 | —·018 | 93·9 | 64·6 | 97·1 | 60·0 | 83·0 | 91·9 | 78·3 | +1·6 | 57·5 | 64·1 | 62·8 | 61·5 |
| | April | .. | ·895 | ·768 | ·127 | ·837 | +·027 | 91·6 | 69·0 | 97·1 | 65·6 | 82·4 | 88·7 | 79·0 | —0·9 | 65·0 | 70·4 | 68·5 | 68·0 |
| | May | .. | ·814 | ·697 | ·117 | ·762 | —·013 | 94·2 | 69·8 | 99·0 | 65·1 | 83·4 | 92·4 | 80·3 | +1·8 | 65·6 | 70·6 | 69·6 | 68·6 |
| | June | .. | ·780 | ·684 | ·096 | ·739 | —·016 | 85·4 | 67·2 | 91·1 | 64·9 | 77·0 | 83·1 | 74·5 | +0·5 | 65·4 | 69·5 | 69·9 | 68·3 |
| | July | .. | ·797 | ·718 | ·079 | ·765 | +·005 | 81·7 | 65·7 | 88·5 | 63·1 | 74·5 | 77·5 | 71·8 | —0·2 | 64·4 | 67·8 | 68·8 | 67·0 |
| | August | .. | ·825 | ·725 | ·100 | ·784 | +·008 | 82·4 | 66·1 | 87·3 | 63·7 | 75·1 | 79·7 | 72·4 | +0·6 | 65·2 | 68·8 | 69·8 | 67·9 |
| | September | .. | ·868 | ·760 | ·108 | ·822 | +·016 | 81·3 | 65·1 | 85·6 | 62·8 | 74·5 | 78·3 | 71·4 | —0·4 | 64·1 | 68·1 | 68·7 | 67·0 |
| | October | .. | ·905 | ·793 | ·112 | ·850 | +·011 | 82·1 | 65·0 | 87·0 | 59·8 | 76·2 | 78·8 | 72·1 | +0·3 | 63·7 | 68·1 | 68·1 | 66·6 |
| | November | .. | ·989 | ·889 | ·100 | ·938 | +·059 | 80·1 | 60·0 | 84·3 | 53·9 | 73·9 | 76·8 | 69·1 | —0·5 | 58·7 | 63·9 | 64·1 | 62·2 |
| | December | .. | ·985 | ·876 | ·109 | ·932 | +·018 | 79·9 | 57·0 | 83·5 | 51·8 | 71·7 | 77·1 | 67·5 | 0 | 56·0 | 61·5 | 62·3 | 59·9 |
| | Year | .. | 26·891 | 26·781 | ·110 | 26·839 | +·006 | 85·2 | 64·1 | 99·0 | 51·8 | 76·9 | 82·5 | 73·3 | +0·5 | 61·7 | 66·5 | 66·5 | 64·9 |

(e) Mean of 29 days.

**A**—*contd.*

*at 12 stations in India, etc., in 1921.*

| Vapour tension in inches of mercury. | | | | | Humidity. | | | | | Cloud. | | | | Wind direction. | | | | | | | | | | | Wind velocity. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | Total number of 10 hrs. and 16 hrs. winds from | | | | | | | | | | | | |
| From minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | From minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | Mean 10 hrs. | Mean 16 hrs. | Mean of two previous columns. | Departure from normal. | Calm. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. | Mean wind direction. | Normal mean wind direction of month. | Mean velocity in miles per diem. | Departure from normal. |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| ·224 | ·227 | ·210 | ·226 | —·042 | 65 | 34 | 24 | 45 | —11 | 2·9 | 2·7 | 2·8 | —0·5 | 8 | 4 | 12 | 8 | 2 | 2 | 10 | 8 | 8 | N 19° W | N | 61 | +3 |
| ·176 | ·182 | ·144 | ·174 | —·088 | 49 | 22 | 14 | 32 | —15 | 1·7 | 2·0 | 1·9 | —1·2 | 2 | 2 | 5 | 3 | 1 | 2 | 12 | 16 | 13 | N 83° W | N 20° W | 62 | —4 |
| ·218 | ·207 | ·159 | ·199 | —·106 | 37 | 16 | 9 | 24 | —15 | 0·5 | 1·0 | 0·7 | —2·4 | 2 | 3 | 6 | 1 | 2 | 5 | 16 | 16 | 11 | S 85° W | N 46° W | 83 | +4 |
| ·281 | ·303 | ·266 | ·296 | —·037 | 34 | 18 | 13 | 24 | —6 | 0·5 | 2·8 | 1·7 | —0·8 | 1 | 2 | 2 | 1 | 2 | 3 | 22 | 19 | 8 | S 72° W | N 57° W | 88 | 0 |
| ·381 | ·366 | ·231 | ·333 | —·115 | 38 | 21 | 9 | 25 | —10 | 0 | 0 | 0 | —2·3 | 1 | 0 | 0 | 0 | 0 | 4 | 35 | 18 | 4 | S 61° W | N 72° W | 124 | +14 |
| ·625 | ·619 | ·461 | ·575 | —·081 | 54 | 36 | 23 | 39 | —13 | 1·4 | 4·0 | 2·7 | —1·7 | 1 | 1 | 1 | 1 | 0 | 2 | 32 | 19 | 3 | S 64° W | N 70° W | 129 | +10 |
| ·836 | ·807 | ·770 | ·813 | —·021 | 86 | 63 | 52 | 69 | —7 | 7·0 | 7·5 | 7·3 | —0·1 | 2 | 3 | 7 | 2 | 2 | 2 | 21 | 13 | 10 | S 83° W | N 78° W | 87 | —8 |
| ·793 | ·778 | ·757 | ·789 | —·027 | 87 | 69 | 60 | 74 | —4 | 8·7 | 8·7 | 8·7 | +1·1 | 5 | 1 | 2 | 2 | 1 | 0 | 27 | 22 | 2 | S 67° W | N 69° W | 86 | +4 |
| ·751 | ·768 | ·733 | ·769 | +·077 | 90 | 67 | 58 | 77 | +8 | 5·9 | 6·1 | 6·0 | +1·5 | 6 | 3 | 14 | 7 | 1 | 0 | 12 | 14 | 3 | N 51° W | N 42° W | 85 | +11 |
| ·441 | ·432 | ·359 | ·416 | +·014 | 72 | 36 | 24 | 48 | +2 | 0·7 | 1·7 | 1·2 | —0·5 | 7 | 1 | 5 | 3 | 0 | 1 | 15 | 22 | 8 | S 87° W | N 27° W | 57 | +3 |
| ·278 | ·276 | ·257 | ·271 | —·026 | 65 | 28 | 22 | 43 | —4 | 0·7 | 2·1 | 1·4 | —0·1 | 16 | 4 | 3 | 0 | 1 | 2 | 8 | 12 | 13 | N 74° W | N 24° W | 38 | —9 |
| ·290 | ·302 | ·291 | ·294 | +·027 | 72 | 40 | 30 | 52 | —1 | 1·5 | 2·3 | 1·9 | —0·6 | 9 | 3 | 7 | 5 | 9 | 10 | 3 | 8 | 8 | S 6° E | N 27° W | 57 | +6 |
| ·441 | ·439 | ·387 | ·430 | —·035 | 62 | 37 | 28 | 46 | —6 | 2·6 | 3·4 | 3·0 | —0·6 | 60 | 27 | 64 | 33 | 21 | 33 | 213 | 187 | 91 | .. | .. | 80 | +3 |
| ·484 | ·474 | ·406 | ·459 | +·057 | 91 | 57 | 41 | 65 | +3 | 4·1 | 3·9 | 4·0 | .. | 4 | 0 | 21 | 29 | 7 | 1 | 0 | 0 | 0 | N 80° E | N 88° E | 139 | +46 |
| ·407 | ·363 | ·267 | ·351 | —·056 | 81 | 39 | 22 | 49 | —5 | 1·4 | 2·2 | 1·8 | .. | 3 | 0 | 13 | 19 | 16 | 1 | 4 | 0 | 0 | S 81° E | S 69° E | 127 | +39 |
| ·391 | ·380 | ·241 | ·346 | —·101 | 65 | 34 | 16 | 40 | —10 | 0·6 | 1·2 | 0·9 | .. | 2 | 0 | 12 | 19 | 13 | 6 | 5 | 5 | 0 | S 70° E | S 36° E | 123 | +37 |
| ·570 | ·606 | ·461 | ·566 | +·011 | 81 | 56 | 36 | 60 | +5 | 5·0 | 5·9 | 5·5 | .. | 2 | 2 | 10 | 11 | 9 | 4 | 9 | 8 | 5 | S 60° E | S 27° W | 107 | +23 |
| ·581 | ·598 | ·457 | ·559 | —·046 | 80 | 53 | 31 | 56 | —7 | 3·9 | 4·5 | 4·2 | .. | 1 | 7 | 1 | 1 | 0 | 0 | 7 | 30 | 15 | N 73° W | S 81° W | 166 | +56 |
| ·605 | ·631 | ·576 | ·611 | —·012 | 91 | 68 | 52 | 72 | —2 | 7·8 | 7·6 | 7·7 | .. | 0 | 2 | 0 | 0 | 0 | 1 | 12 | 39 | 6 | S 86° W | S 72° W | 221 | +58 |
| ·588 | ·600 | ·604 | ·597 | —·010 | 93 | 71 | 65 | 77 | 0 | 9·3 | 9·2 | 9·3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 49 | 2 | S 84° W | S 72° W | 260 | +92 |
| ·609 | ·630 | ·612 | ·621 | +·008 | 95 | 72 | 61 | 78 | —1 | 8·6 | 8·1 | 8·3 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 10 | 40 | 10 | N 88° W | S 81° W | 198 | +53 |
| ·585 | ·613 | (e) ·590 | ·608 | —·015 | 95 | 72 | (e) 62 | 79 | —1 | 8·3 | 7·5 | 7·9 | .. | 1 | 3 | 0 | 0 | 0 | 0 | 9 | 34 | 13 | N 83° W | S 84° W | 172 | + 49 |
| ·576 | ·592 | ·564 | ·591 | —·017 | 93 | 66 | 59 | 76 | —2 | 6·4 | 6·9 | 6·7 | .. | 2 | 6 | 22 | 13 | 6 | 3 | 1 | 7 | 2 | N 57° E | N | 116 | +34 |
| ·483 | ·478 | ·453 | ·484 | —·055 | 93 | 57 | 50 | 70 | —5 | 2·9 | 3·0 | 2·9 | .. | 6 | 1 | 25 | 19 | 7 | 1 | 1 | 0 | 0 | N 74° E | N 60° E | 110 | +22 |
| ·439 | ·429 | ·393 | ·434 | —·032 | 94 | 55 | 43 | 66 | —4 | 4·4 | 4·9 | 4·7 | .. | 0 | 2 | 22 | 33 | 5 | 0 | 0 | 0 | 0 | N 75° E | N 72° E | 152 | +56 |
| ·527 | ·533 | ·469 | ·519 | —·023 | 88 | 58 | 45 | 66 | —2 | 5·2 | 5·4 | 5·3 | .. | 21 | 25 | 126 | 144 | 63 | 17 | 69 | 212 | 53 | .. | .. | 158 | +47 |

(e) Mean of 29 days.

# TABLE

*Abstract of observations taken at 10 hrs. and 16 hrs.*

| Station. | Month. | Height of bar-cistern above sea-level in feet. | Pressure. Mean of 10 hrs. | Pressure. Mean of 16 hrs. | Pressure. Mean daily range. | Pressure. Mean of daily mean pressure. | Pressure. Departure from normal. | Temperature of Air. Mean maximum. | Temperature of Air. Mean minimum. | Temperature of Air. Highest maximum. | Temperature of Air. Lowest minimum. | Temperature of Air. Mean 10 hrs. | Temperature of Air. Mean 16 hrs. | Temperature of Air. Mean of daily means. | Temperature of Air. Departure from normal. | Temperature wet Bulb. Mean minimum. | Temperature wet Bulb. Mean 10 hrs. | Temperature wet Bulb. Mean 16 hrs. | Temperature wet Bulb. Mean of three previous columns. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Trivandrum (Madras). | January | 198 | 29·699 | 29·584 | ·115 | 29·644 | —·019 | 85·3 | 74·8 | 87·3 | 70·9 | 81·0 | 84·0 | 79·3 | +2·2 | 70·7 | 74·0 | 76·6 | 73·8 |
| | February | .. | ·704 | ·582 | ·122 | ·643 | .. | 85·9 | 73·2 | 88·7 | 69·4 | 81·3 | 84·8 | 79·5 | .. | 69·7 | 73·0 | 75·8 | 72·8 |
| | March | .. | ·668 | ·542 | ·126 | ·609 | .. | 88·5 | 77·3 | 91·4 | 72·7 | 85·1 | 86·0 | 81·3 | .. | 73·7 | 77·0 | 79·1 | 76·6 |
| | April | .. | ·649 | ·541 | ·108 | ·599 | +·019 | 87·6 | 77·8 | 90·1 | 74·9 | 84·8 | 85·3 | 81·7 | —0·2 | 75·2 | 77·7 | 78·6 | 77·2 |
| | May | .. | ·594 | ·503 | ·091 | ·554 | —·017 | 87·9 | 78·5 | 90·1 | 73·9 | 85·3 | 86·0 | 82·1 | +0·8 | 75·5 | 78·0 | 78·1 | 77·2 |
| | June | .. | ·592 | ·503 | ·089 | ·552 | —·026 | 84·7 | 75·9 | 88·1 | 72·9 | 81·8 | 82·9 | 79·1 | +0·7 | 73·5 | 76·4 | 76·8 | 75·5 |
| | July | .. | ·656 | ·575 | ·081 | ·622 | +·031 | 80·0 | 73·7 | 84·0 | 71·1 | 77·7 | 78·6 | 75·4 | —1·8 | 72·4 | 74·8 | 75·0 | 74·1 |
| | August | .. | ·650 | ·556 | ·094 | ·610 | +·011 | 82·2 | 73·6 | 86·0 | 71·2 | 79·2 | 80·1 | 76·8 | —1·0 | 72·3 | 74·4 | 75·0 | 73·9 |
| | September | .. | ·684 | ·582 | ·102 | ·639 | +·023 | 83·2 | 74·6 | 86·0 | 72·6 | 81·0 | 81·5 | 77·8 | —0·2 | 73·0 | 75·0 | 75·2 | 74·4 |
| | October | .. | ·671 | ·568 | ·103 | ·624 | +·003 | 82·9 | 74·6 | 84·9 | 71·6 | 80·3 | 80·8 | 77·5 | —0·2 | 73·1 | 75·7 | 75·9 | 74·9 |
| | November | .. | ·742 | ·643 | ·099 | ·698 | +·058 | 83·4 | 74·0 | 85·1 | 71·0 | 80·2 | 82·1 | 77·9 | +0·2 | 71·7 | 74·8 | 75·9 | 74·1 |
| | December | .. | ·715 | ·608 | ·107 | ·665 | +·012 | 83·3 | 72·3 | 85·7 | 68·0 | 79·5 | 82·3 | 77·0 | —0·4 | 68·5 | 71·7 | 74·2 | 71·5 |
| | Year | .. | 29·669 | 29·566 | ·103 | 29·622 | +·009* | 84·6 | 75·0 | 91·4 | 68·0 | 81·4 | 82·9 | 78·8 | 0 * | 72·4 | 75·2 | 76·3 | 74·7 |
| Pudukkottai (Madras). | January | 318 | 29·632 | 29·504 | ·128 | 29·568 | .. | 84·7 | 70·8 | 89·5 | 65·4 | 78·4 | 82·2 | 77·7 | .. | .. | 72·1 | 72·4 | .. |
| | February | .. | ·630 | ·489 | ·141 | ·560 | .. | 88·8 | 67·4 | 92·2 | 63·9 | 80·0 | 87·2 | 78·1 | .. | .. | 70·0 | 69·3 | .. |
| | March | .. | ·575 | ·414 | ·161 | ·494 | .. | 96·5 | 73·5 | 100·8 | 67·4 | 85·5 | 93·8 | 85·0 | .. | .. | 74·0 | 73·3 | .. |
| | April | .. | ·533 | ·386 | ·147 | ·460 | .. | 96·7 | 77·5 | 101·9 | 73·1 | 87·5 | 92·6 | 87·1 | .. | .. | 76·7 | 76·8 | .. |
| | May | .. | ·413 | ·278 | ·135 | ·346 | .. | 103·8 | 79·9 | 106·7 | 70·0 | 92·7 | 100·0 | 91·9 | .. | .. | 76·9 | 78·8 | .. |
| | June | .. | ·400 | ·298 | ·102 | ·349 | .. | 100·6 | 79·7 | 104·9 | 74·6 | 91·7 | 97·0 | 90·2 | .. | .. | 75·3 | 76·7 | .. |
| | July | .. | ·442 | ·325 | ·117 | ·384 | .. | 97·4 | 78·4 | 100·4 | 74·1 | 87·9 | 93·2 | 87·9 | .. | .. | 73·3 | 74·4 | .. |
| | August | .. | ·450 | ·320 | ·130 | ·385 | .. | 95·2 | 76·1 | 100·6 | 73·7 | 85·8 | 90·9 | 85·6 | .. | .. | 74·8 | 75·0 | .. |
| | September | .. | ·491 | ·362 | ·129 | ·426 | .. | 94·7 | 75·5 | 99·5 | 71·4 | 85·8 | 91·1 | 85·1 | .. | .. | 73·8 | 75·1 | .. |
| | October | .. | ·531 | ·409 | ·122 | ·470 | .. | 88·8 | 74·7 | 94·0 | 72·0 | 83·0 | 85·5 | 81·8 | .. | .. | 75·0 | 75·6 | .. |
| | November | .. | ·643 | ·522 | ·121 | ·582 | .. | 86·0 | 71·1 | 89·8 | 66·2 | 80·5 | 83·1 | 78·5 | .. | .. | 70·4 | 71·0 | .. |
| | December | .. | ·645 | ·520 | ·125 | ·582 | .. | 85·6 | 69·1 | 89·9 | 64·3 | 78·2 | 82·2 | 77·4 | .. | .. | 69·8 | 70·2 | .. |
| | Year | .. | 29·532 | 29·402 | ·130 | 29·467 | .. | 93·2 | 74·5 | 106·7 | 63·9 | 84·7 | 89·9 | 83·9 | .. | .. | 73·5 | 74·1 | .. |

* Mean of 10 months.

**A**—*contd.*

*at 12 stations in India, etc., in 1921.*

| Vapour tension in inches of mercury. | | | | | Humidity. | | | | | Cloud. | | | | Wind direction. | | | | | | | | | | | Wind velocity. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | Total number of 10 hrs. and 16 hrs. winds from | | | | | | | | | | | | |
| From minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | From minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | Mean 10 hrs. | Mean 16 hrs. | Mean of two previous columns. | Departure from normal. | Calm. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. | Mean wind direction. | Normal mean wind direction of month. | Mean velocity in miles per diem. | Departure from normal. |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| ·698 | ·746 | ·816 | ·753 | —·013 | 81 | 71 | 70 | 78 | +4 | 6·4 | 5·9 | 6·1 | +3·1 | 10 | 2 | 3 | 3 | 2 | 11 | 14 | 12 | 5 | S 52° W | S 84° W | 50 | —20 |
| ·681 | ·702 | ·769 | ·717 | .. | 84 | 66 | 64 | 71 | .. | 4·5 | 5·1 | 4·8 | .. | 6 | 2 | 1 | 1 | 1 | 6 | 17 | 16 | 6 | S 68° W | .. | 69 | .. |
| ·783 | ·820 | ·901 | ·835 | .. | 83 | 68 | 73 | 79 | .. | 4·0 | 5·4 | 4·7 | .. | 0 | 2 | 2 | 2 | 2 | 3 | 9 | 29 | 13 | N 87° W | .. | 85 | .. |
| ·838 | ·853 | ·887 | ·859 | +·031 | 88 | 71 | 73 | 80 | +1 | 6·8 | 7·6 | 7·2 | +2·4 | 6 | 3 | 1 | 0 | 0 | 4 | 7 | 24 | 15 | N 83° W | N 69° W | 80 | —23 |
| ·841 | ·858 | ·853 | ·851 | +·008 | 87 | 71 | 69 | 79 | —4 | 8·1 | 7·1 | 7·6 | +1·5 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 31 | 28 | N 70° W | N 63° W | 122 | —2 |
| ·791 | ·837 | ·840 | ·823 | +·013 | 89 | 78 | 75 | 84 | —2 | 8·1 | 7·8 | 7·9 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 32 | 26 | N 68° W | N 60° W | 152 | +29 |
| ·775 | ·823 | ·819 | ·806 | +·011 | 93 | 87 | 84 | 91 | +4 | 9·1 | 9·2 | 9·1 | +0·9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 37 | S 63° W | N 60° W | 145 | —13 |
| ·773 | ·785 | ·799 | ·786 | +·001 | 94 | 79 | 78 | 87 | +1 | 8·6 | 8·3 | 8·5 | +1·6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 24 | 36 | N 61° W | N 60° W | 161 | +2 |
| ·788 | ·784 | ·787 | ·786 | +·005 | 92 | 74 | 73 | 84 | 0 | 7·7 | 8·4 | 8·1 | +1·6 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 22 | 33 | N 58° W | N 63° W | 147 | +5 |
| ·792 | ·825 | ·829 | ·815 | +·029 | 93 | 80 | 79 | 87 | +2 | 7·8 | 9·2 | 8·5 | +1·6 | 6 | 3 | 0 | 2 | 1 | 1 | 5 | 20 | 24 | N 69° W | N 69° W | 74 | —14 |
| ·748 | ·788 | ·808 | ·781 | 0 | 89 | 77 | 74 | 83 | —1 | 6·0 | 6·4 | 6·2 | +0·5 | 7 | 3 | 2 | 2 | 3 | 4 | 15 | 15 | 9 | S 78° W | N 81° W | 53 | —8 |
| ·644 | ·673 | ·737 | ·685 | —·023 | 81 | 67 | 67 | 72 | —6 | 6·2 | 6·8 | 6·5 | +2·2 | 7 | 7 | 5 | 3 | 5 | 5 | 16 | 9 | 5 | S 68° W | N 81° W | 61 | —4 |
| ·763 | ·791 | ·820 | ·791 | +·005 | 88 | 74 | 73 | 81 | 0* | 6·9 | 7·3 | 7·1 | +1·5 | 42 | 32 | 14 | 13 | 14 | 35 | 84 | 259 | 237 | .. | .. | 100 | —5* |
| .. | ·705 | ·667 | .. | .. | .. | 73 | 62 | .. | .. | 6·5 | 6·2 | 6·3 | .. | 15 | 0 | 44 | 3 | 0 | 0 | 0 | 0 | 0 | N 48° E | .. | 104 | .. |
| .. | ·599 | ·472 | .. | .. | .. | 59 | 37 | .. | .. | 3·0 | 2·6 | 2·8 | .. | 16 | 2 | 33 | 5 | 0 | 0 | 0 | 0 | 0 | N 48° E | .. | 70 | .. |
| .. | ·683 | ·549 | .. | .. | .. | 56 | 35 | .. | .. | 3·5 | 2·4 | 2·9 | .. | 28 | 0 | 8 | 11 | 4 | 6 | 2 | 0 | 3 | S 81° E | .. | 59 | .. |
| .. | ·771 | ·704 | .. | .. | .. | 60 | 47 | .. | .. | 5·2 | 5·0 | 5·5 | .. | 18 | 1 | 3 | 8 | 10 | 13 | 4 | 1 | 2 | S 30° E | .. | 67 | .. |
| .. | ·711 | ·670 | .. | .. | .. | 47 | 35 | .. | .. | 2·1 | 3·5 | 2·8 | .. | 12 | 4 | 0 | 1 | 5 | 14 | 9 | 10 | 7 | S 49° W | .. | 91 | .. |
| .. | ·656 | ·642 | .. | .. | .. | 44 | 37 | .. | .. | 2·0 | 3·4 | 2·7 | .. | 3 | 4 | 0 | 0 | 1 | 2 | 10 | 24 | 16 | N 82° W | .. | 105 | .. |
| .. | ·620 | ·592 | .. | .. | .. | 47 | 39 | .. | .. | 4·9 | 6·9 | 5·9 | .. | 4 | 3 | 0 | 0 | 2 | 4 | 12 | 22 | 15 | S 89° W | .. | 146 | .. |
| .. | ·710 | ·661 | .. | .. | .. | 58 | 47 | .. | .. | 1·6 | 2·1 | 1·9 | .. | 1 | 6 | 0 | 0 | 1 | 8 | 17 | 15 | 14 | S 82° W | .. | 96 | .. |
| .. | ·673 | ·653 | .. | .. | .. | 55 | 45 | .. | .. | 2·6 | 3·4 | 3·0 | .. | 7 | 2 | 0 | 0 | 1 | 3 | 10 | 22 | 15 | N 87° W | .. | 82 | .. |
| .. | ·759 | ·752 | .. | .. | .. | 68 | 63 | .. | .. | 3·1 | 4·9 | 4·0 | .. | 15 | 11 | 13 | 4 | 2 | 1 | 2 | 3 | 11 | N 5° E | .. | 64 | .. |
| .. | ·609 | ·600 | .. | .. | .. | 59 | 54 | .. | .. | 2·2 | 2·7 | 2·5 | .. | 3 | 14 | 33 | 4 | 1 | 2 | 1 | 0 | 2 | N 36° E | .. | 102 | .. |
| .. | ·612 | ·577 | .. | .. | .. | 64 | 53 | .. | .. | 3·3 | 3·8 | 3·5 | .. | 2 | 4 | 40 | 4 | 1 | 0 | 0 | 0 | 1 | N 37° E | .. | 150 | .. |
| .. | ·676 | ·628 | .. | .. | .. | 57 | 46 | .. | .. | 3·3 | 4·0 | 3·7 | .. | 124 | 51 | 174 | 40 | 28 | 53 | 67 | 97 | 36 | .. | .. | 95 | .. |

* Mean of 10 months.

# TABLE

*Abstract of observations taken at 10 hrs. and 16 hrs.*

| Station. | Month. | Height of bar-cistern above sea level in feet. | Pressure. Mean of 10 hrs. | Pressure. Mean of 16 hrs. | Pressure. Mean daily range. | Pressure. Mean of daily mean pressure. | Pressure. Departure from normal. | Temperature of Air. Mean maximum. | Temperature of Air. Mean minimum. | Temperature of Air. Highest maximum. | Temperature of Air. Lowest minimum. | Temperature of Air. Mean 10 hrs. | Temperature of Air. Mean 16 hrs. | Temperature of Air. Mean of daily means. | Temperature of Air. Departure from normal. | Temperature wet bulb. Mean minimum. | Temperature wet bulb. Mean 10 hrs. | Temperature wet bulb. Mean 16 hrs. | Temperature wet bulb. Mean of three previous columns. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Madras (Madras). | January | 22 | 29·951 | 29·841 | ·110 | 29·893 | —·033 | 84·4 | 71·6 | 87·6 | 65·8 | 79·9 | 81·5 | 77·2 | +1·9 | 69·8 | 74·0 | 73·8 | 72·5 |
| | February | .. | ·931 | ·810 | ·121 | ·869 | —·027 | 86·3 | 67·4 | 93·7 | 64·6 | 81·5 | 83·6 | 75·9 | —0·7 | 65·7 | 71·6 | 71·6 | 69·6 |
| | March | .. | ·859 | ·726 | ·133 | ·793 | —·042 | 90·1 | 72·3 | 91·9 | 68·2 | 85·8 | 86·0 | 79·6 | +0·1 | 70·8 | 75·8 | 75·6 | 74·1 |
| | April | .. | ·810 | ·690 | ·120 | ·757 | +·002 | 92·4 | 78·0 | 95·9 | 73·5 | 88·4 | 87·7 | 84·2 | +0·1 | 76·0 | 78·4 | 78·6 | 77·7 |
| | May | .. | ·638 | ·522 | ·116 | ·588 | —·075 | 104·6 | 82·8 | 111·2 | 76·2 | 96·5 | 93·7 | 92·6 | +3·9 | 75·8 | 78·8 | 80·1 | 78·2 |
| | June | .. | ·633 | ·530 | ·103 | ·591 | —·038 | 100·5 | 82·2 | 106·7 | 78·2 | 93·2 | 92·9 | 90·2 | +1·8 | 74·6 | 77·2 | 78·7 | 76·8 |
| | July | .. | ·683 | ·566 | ·117 | ·636 | —·002 | 97·0 | 79·0 | 104·1 | 74·4 | 88·3 | 91·5 | 86·5 | +0·8 | 72·8 | 76·2 | 77·4 | 75·5 |
| | August | .. | ·719 | ·598 | ·121 | ·668 | —·008 | 93·6 | 77·5 | 98·2 | 72·6 | 86·6 | 89·1 | 84·4 | —0·1 | 74·3 | 77·7 | 79·2 | 77·1 |
| | September | .. | ·765 | ·642 | ·123 | ·713 | +·006 | 93·1 | 77·0 | 98·7 | 73·4 | 86·4 | 88·5 | 84·0 | +0·1 | 73·5 | 76·9 | 77·9 | 76·1 |
| | October | .. | ·847 | ·734 | ·113 | ·796 | +·021 | 85·9 | 74·9 | 92·6 | 72·4 | 82·0 | 82·7 | 79·1 | —1·7 | 73·8 | 77·4 | 77·3 | 76·1 |
| | November | .. | ·968 | ·863 | ·105 | ·918 | +·062 | 85·1 | 70·1 | 86·8 | 63·6 | 81·1 | 82·1 | 76·8 | —1·1 | 68·5 | 73·3 | 72·7 | 71·5 |
| | December | .. | ·978 | ·875 | ·103 | ·926 | +·016 | 84·2 | 69·4 | 86·3 | 63·9 | 79·8 | 80·1 | 76·0 | +0·3 | 67·4 | 72·3 | 72·0 | 70·6 |
| | Year | .. | 29·815 | 29·700 | ·115 | 29·762 | —·010 | 91·4 | 75·2 | 111·2 | 63·6 | 85·8 | 86·6 | 82·2 | +0·5 | 71·9 | 75·8 | 76·2 | 74·7 |
| Kodaikanal (Madras). | January | 7,688 | 22·805 | 22·741 | ·064 | 22·773 | .. | 62·4 | 48·3 | 68·4 | 42·0 | 59·2 | 58·3 | 55·4 | .. | 44·1 | 52·1 | 52·9 | 49·7 |
| | February | .. | ·797 | ·733 | ·064 | ·765 | .. | 66·1 | 45·3 | 72·4 | 40·3 | 60·8 | 60·7 | 55·7 | .. | (a) 40·1 | 47·1 | 50·4 | 45·9 |
| | March | .. | ·802 | ·742 | ·060 | ·772 | .. | 71·5 | 49·9 | 74·6 | 45·6 | 67·5 | 65·1 | 60·7 | .. | 40·0 | 49·8 | 53·4 | 47·7 |
| | April | .. | ·803 | ·737 | ·066 | ·772 | .. | 69·1 | 52·4 | 73·5 | 49·4 | 64·9 | 62·2 | 59·1 | .. | 48·7 | 56·7 | 57·5 | 54·3 |
| | May | .. | ·756 | ·695 | ·061 | ·726 | .. | 72·8 | 55·2 | 76·5 | 50·3 | 69·0 | 63·8 | 62·0 | .. | 49·8 | 57·7 | 59·3 | 55·4 |
| | June | .. | ·708 | ·650 | ·058 | ·679 | .. | 66·4 | 53·4 | 72·2 | 51·2 | 62·9 | 60·6 | 58·3 | .. | 50·7 | 57·4 | 57·5 | 54·8 |
| | July | .. | ·708 | ·659 | ·049 | ·683 | .. | 63·2 | 52·0 | 68·4 | 48·4 | 59·4 | 57·6 | 56·0 | .. | 49·7 | 55·4 | 55·1 | 53·2 |
| | August | .. | ·734 | ·673 | ·061 | ·703 | .. | 64·8 | 52·3 | 68·2 | 50·5 | 61·8 | 58·9 | 56·9 | .. | 50·6 | 57·4 | 56·7 | 54·3 |
| | September | .. | ·757 | ·695 | ·062 | ·726 | .. | 63·7 | 51·1 | 66·3 | 49·4 | 60·2 | 58·7 | 56·0 | .. | 47·8 | 55·1 | 55·8 | 52·9 |
| | October | .. | ·773 | ·705 | ·068 | ·739 | .. | 63·3 | 51·0 | 65·7 | 44·2 | 60·3 | 57·9 | 55·7 | .. | 49·4 | 56·4 | 55·8 | 53·6 |
| | November | .. | ·814 | ·758 | ·056 | ·786 | .. | 63·0 | 48·0 | 68·3 | 40·2 | 59·7 | 57·2 | 54·7 | .. | 45·4 | 53·4 | 54·1 | 51·3 |
| | December | .. | ·793 | ·741 | ·052 | ·767 | .. | 65·7 | 47·1 | 72·8 | 40·8 | 62·8 | 58·1 | 54·8 | .. | 39·6 | 50·3 | 52·4 | 46·3 |
| | Year | .. | 22·771 | 22·711 | ·060 | 22·741 | .. | 66·0 | 50 5 | 76·5 | 40·2 | 62·4 | 59·9 | 57·1 | .. | 46·3 | 54·1 | 55·1 | 51·6 |

(a) Mean of 27 days.

**A**—*contd.*

*at 12 stations in India, etc., in 1921.*

| Vapour tension in inches of mercury. | | | | | Humidity. | | | | | Cloud. | | | | Wind direction. | | | | | | | | | | | Wind velocity. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | Total number of 10 hrs. and 16 hrs. winds from | | | | | | | | | | | | |
| From minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | From minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | Mean 10 hrs. | Mean 16 hrs. | Mean of two previous columns. | Departure from normal. | Calm. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. | Mean wind direction. | Normal mean wind direction of month. | Mean velocity in miles per diem. | Departure from normal. |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| ·708 | ·759 | ·732 | ·751 | +·066 | 91 | 75 | 68 | 81 | +2 | 7·2 | 4·6 | 5·9 | +1·8 | 3 | 9 | 29 | 14 | 4 | 3 | 0 | 0 | 0 | N 57° E | N 51° E | 78 | —22 |
| ·610 | ·642 | ·614 | ·645 | —·070 | 91 | 60 | 53 | 71 | —7 | 2·6 | 2·4 | 2·5 | —0·7 | 2 | 1 | 7 | 18 | 19 | 7 | 2 | 0 | 0 | S 66° E | S 84° E | 34 | —54 |
| ·733 | ·757 | ·745 | ·769 | —·033 | 92 | 62 | 60 | 75 | —3 | 3·0 | 0·5 | 1·7 | —0·5 | 1 | 0 | 0 | 0 | 29 | 23 | 9 | 0 | 0 | S 16° E | S 44° E | 60 | —49 |
| ·870 | ·834 | ·856 | ·876 | —·024 | 91 | 62 | 66 | 76 | —2 | 4·1 | 3·6 | 3·9 | +0·4 | 1 | 2 | 2 | 2 | 16 | 20 | 14 | 1 | 2 | S 4° E | S 36° E | 92 | —41 |
| ·800 | ·762 | ·850 | ·818 | —·078 | 72 | 47 | 55 | 60 | —10 | 2·8 | 2·4 | 2·6 | —1·1 | 0 | 0 | 2 | 0 | 7 | 16 | 21 | 15 | 1 | S 34° W | S 9° E | 126 | —33 |
| ·754 | ·715 | ·790 | ·770 | —·063 | 69 | 46 | 52 | 58 | —8 | 5·4 | 6·8 | 6·1 | —0·1 | 0 | 3 | 0 | 6 | 5 | 5 | 14 | 21 | 6 | S 23° W | S 37° W | 125 | —29 |
| ·722 | ·739 | ·747 | ·751 | —·061 | 73 | 56 | 53 | 62 | —6 | 6·0 | 9·0 | 7·5 | +0·2 | 0 | 0 | 2 | 2 | 2 | 6 | 18 | 15 | 1 | S 53° W | S 51° W | 126 | —13 |
| ·803 | ·826 | ·864 | ·842 | +·006 | 86 | 65 | 64 | 72 | —1 | 6·0 | 5·9 | 5·9 | —1·0 | 0 | 1 | 0 | 6 | 1 | 8 | 24 | 19 | 3 | S 58° W | S 36° W | 104 | —1 |
| ·777 | ·797 | ·810 | ·806 | —·042 | 84 | 64 | 61 | 71 | —6 | 5·3 | 7·1 | 6·2 | —0·1 | 0 | 4 | 3 | 8 | 2 | 2 | 10 | 20 | 11 | N 82° W | S 36° W | 96 | —9 |
| ·816 | ·875 | ·861 | ·865 | +·009 | 95 | 81 | 77 | 86 | +3 | 8·4 | 6·6 | 7·5 | +1·5 | 0 | 22 | 5 | 6 | 9 | 7 | 2 | 3 | 8 | N 19° E | N 54° E | 80 | —4 |
| ·678 | ·717 | ·676 | ·711 | —·085 | 92 | 68 | 62 | 77 | —7 | 4·7 | 4·0 | 4·3 | —1·6 | 0 | 53 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | N 2° E | N 27° E | 137 | +23 |
| ·645 | ·692 | ·674 | ·690 | —·039 | 90 | 68 | 66 | 77 | —5 | 6·6 | 6·3 | 6·5 | +1·0 | 0 | 28 | 32 | 2 | 0 | 0 | 0 | 0 | 0 | N 26° E | N 24° E | 120 | —8 |
| ·743 | ·760 | ·768 | ·775 | —·035 | 85 | 63 | 61 | 72 | —4 | 5·2 | 4·9 | 5·1 | 0 | 7 | 123 | 85 | 64 | 94 | 97 | 114 | 94 | 32 | .. | .. | 98 | —21 |
| ·252 | ·321 | ·347 | ·307 | .. | 73 | 67 | 73 | 71 | .. | 5·3 | 6·3 | 5·8 | .. | 0 | 17 | 17 | 12 | 10 | 4 | 0 | 0 | 2 | N 57° E | .. | 231 | .. |
| (a) ·195 | ·182 | ·261 | ·213 | .. | (a) 65 | 36 | 50 | 50 | .. | 1·7 | 3·7 | 2·7 | .. | 0 | 24 | 4 | 9 | 1 | 2 | 2 | 3 | 11 | N 1° E | .. | 219 | .. |
| ·147 | ·178 | ·287 | ·204 | .. | 41 | 27 | 48 | 39 | .. | 0·7 | 3·1 | 1·9 | .. | 0 | 12 | 23 | 4 | 16 | 4 | 1 | 1 | 1 | N 66° E | .. | 238 | .. |
| ·308 | ·376 | ·426 | ·360 | .. | 79 | 62 | 77 | 72 | .. | 5·3 | 8·2 | 6·7 | .. | 1 | 12 | 14 | 11 | 13 | 5 | 0 | 1 | 4 | N 69° E | .. | 188 | .. |
| ·304 | ·360 | ·457 | ·370 | .. | 70 | 51 | 78 | 66 | .. | 3·8 | 8·7 | 6·3 | .. | 0 | 21 | 17 | 4 | 7 | 2 | 0 | 0 | 11 | N 22° E | .. | 149 | .. |
| ·342 | ·414 | ·441 | ·393 | .. | 84 | 73 | 83 | 81 | .. | 7·1 | 9·0 | 8·1 | .. | 0 | 7 | 2 | 0 | 5 | 4 | 5 | 17 | 20 | N 69° W | .. | 194 | .. |
| ·333 | ·397 | ·407 | ·375 | .. | 86 | 79 | 86 | 84 | .. | 8·5 | 9·6 | 9·1 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 43 | 16 | N 77° W | .. | 272 | .. |
| ·349 | ·425 | ·438 | ·396 | .. | 89 | 77 | 88 | 86 | .. | 6·8 | 9·5 | 8·1 | .. | 3 | 7 | 2 | 1 | 3 | 6 | 0 | 22 | 18 | N 66° W | .. | 179 | .. |
| ·299 | ·380 | ·414 | ·359 | .. | 79 | 73 | 84 | 80 | .. | 7·0 | 8·7 | 7·9 | .. | 3 | 4 | 1 | 2 | 1 | 5 | 0 | 20 | 24 | N 64° W | .. | 210 | .. |
| ·338 | ·416 | ·424 | ·390 | .. | 90 | 80 | 88 | 88 | .. | 7·7 | 9·5 | 8·6 | .. | 1 | 20 | 9 | 4 | 5 | 6 | 0 | 5 | 12 | N 1° E | .. | 170 | .. |
| ·281 | ·355 | ·386 | ·344 | .. | 82 | 72 | 83 | 80 | .. | 5·4 | 7·6 | 6·5 | .. | 0 | 11 | 5 | 9 | 13 | 7 | 1 | 6 | 8 | N 70° E | .. | 158 | .. |
| ·170 | ·240 | ·336 | ·231 | .. | 52 | 46 | 71 | 55 | .. | 4·4 | 6·0 | 5·2 | .. | 0 | 6 | 23 | 12 | 13 | 4 | 0 | 1 | 8 | N 72° E | .. | 242 | .. |
| ·277 | ·337 | ·385 | ·329 | .. | 74 | 62 | 76 | 71 | .. | 5·3 | 7·5 | 6·4 | .. | 8 | 143 | 117 | 68 | 87 | 49 | 10 | 119 | 130 | .. | .. | 204 | .. |

(a) Mean of 27 days.

# TABLE

*Abstract of observations taken at 10 hrs. and 16 hrs.*

| Station. | Month. | Height of bar-cistern above sea-level in feet. | Pressure. Mean of 10 hrs. | Pressure. Mean of 16 hrs. | Pressure. Mean daily range. | Pressure. Mean of daily mean pressure. | Pressure. Departure from normal. | Temperature of Air. Mean maximum. | Temperature of Air. Mean minimum. | Temperature of Air. Highest maximum. | Temperature of Air. Lowest minimum. | Temperature of Air. Mean 10 hrs. | Temperature of Air. Mean 16 hrs. | Temperature of Air. Mean of daily means. | Temperature of Air. Departure from normal. | Temperature wet bulb. Mean minimum. | Temperature wet bulb. Mean 10 hrs. | Temperature wet bulb. Mean 16 hrs. | Temperature wet bulb. Mean of three previous columns. | Vapour tension in inches of. From minimum. | Vapour tension in inches of. Mean 10 hrs. | Vapour tension in inches of. Mean 16 hrs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| Khatmandu (Nepal). | January | 4,388 | 25·742 | 25·666 | ·076 | 25·698 | +·056 | 66·6 | 36·8 | 74·8 | 30·0 | 49·4 | 62·6 | 51·0 | +1·4 | 34·9 | 44·9 | 50·9 | 43·6 | ·182 | ·247 | ·241 |
| | February | .. | ·677 | ·609 | ·068 | ·640 | +·037 | 71·9 | 40·9 | 80·2 | 32·8 | 57·0 | 68·8 | 56·2 | +3·7 | 38·7 | 50·0 | 54·6 | 47·8 | ·212 | ·285 | ·266 |
| | March | .. | ·616 | ·550 | ·066 | ·580 | +·014 | 78·4 | 50·1 | 88·0 | 41·9 | 67·4 | 74·7 | 64·6 | +3·8 | 46·5 | 57·3 | 58·6 | 54·1 | ·276 | ·357 | ·313 |
| | April | .. | ·634 | ·570 | ·064 | ·600 | +·096 | 83·5 | 55·3 | 88·8 | 48·5 | 73·2 | 77·6 | 70·0 | +2·9 | 52·1 | 62·1 | 63·3 | 59·2 | ·358 | ·432 | ·419 |
| | May | .. | ·502 | ·436 | ·066 | ·465 | +·017 | 87·2 | 64·2 | 91·0 | 57·4 | 79·0 | 82·9 | 75·8 | +5·0 | 61·4 | 68·7 | 69·1 | 66·4 | ·516 | ·581 | ·556 |
| | June | .. | ·431 | ·369 | ·062 | ·396 | +·038 | 86·2 | 67·1 | 92·2 | 62·9 | 79·0 | 82·1 | 75·8 | +1·9 | 64·3 | 70·1 | 71·2 | 68·5 | ·571 | ·637 | ·640 |
| | July | .. | ·435 | ·382 | ·053 | ·406 | +·061 | 83·7 | 68·9 | 88·6 | 67·3 | 77·1 | 79·9 | 75·9 | +0·8 | 66·7 | 71·2 | 72·4 | 70·1 | ·630 | ·693 | ·712 |
| | August | .. | ·459 | ·402 | ·057 | ·428 | +·036 | 83·6 | 69·2 | 87·6 | 67·9 | 77·5 | 78·3 | 75·9 | +1·4 | 66·9 | 71·5 | 72·2 | 70·2 | ·630 | ·704 | ·721 |
| | September | .. | ·557 | ·498 | ·059 | ·525 | +·047 | 82·5 | 65·9 | 87·6 | 61·3 | 75·7 | 77·8 | 73·8 | +0·6 | 63·6 | 69·1 | 70·5 | 67·7 | ·561 | ·635 | ·661 |
| | October | .. | ·657 | ·575 | ·082 | ·613 | +·021 | 78·7 | 54·1 | 85·4 | 45·1 | 68·2 | 73·8 | 66·5 | —0·4 | 52·0 | 60·7 | 63·0 | 58·6 | ·367 | ·446 | ·453 |
| | November | .. | ·743 | ·657 | ·086 | ·697 | +·044 | 73·6 | 44·8 | 76·6 | 40·5 | 59·1 | 67·6 | 58·7 | +0·9 | 42·5 | 53·2 | 57·2 | 51·0 | ·248 | ·334 | ·349 |
| | December | .. | ·737 | ·644 | ·093 | ·687 | +·022 | 67·3 | 40·0 | 70·6 | 34·2 | 50·3 | 63·2 | 52·8 | +0·2 | 38·1 | 46·8 | 53·8 | 46·2 | ·208 | ·283 | ·306 |
| | Year | .. | 25·599 | 25·530 | ·069 | 25·561 | +·041 | 78·6 | 54·8 | 92·2 | 30·0 | 67·7 | 74·1 | 66·4 | +1·9 | 52·3 | 60·5 | 63·1 | 58·6 | ·397 | ·469 | ·470 |
| Seychelles (Indian Ocean). | January | 15 | 29·886 | 29·804 | ·082 | 29·856 | +·008† | 82·2 | 76·8 | 83·9 | 74·5 | 80·6 | 80·5 | 78·3 | —0·2† | 72·3 | 75·8 | 75·7 | 74·6 | ·734 | ·830 | ·829 |
| | February | .. | ·868 | ·774 | ·094 | ·829 | —·023† | 83·7 | 77·9 | 85·9 | 75·0 | 81·5 | 82·2 | 79·7 | +0·6† | 71·9 | 76·2 | 76·2 | 74·8 | ·706 | ·834 | ·827 |
| | March | .. | ·869 | ·771 | ·098 | ·825 | —·003† | 84·7 | 77·9 | 87·1 | 75·4 | 82·4 | 83·2 | 80·3 | +1·4† | 72·1 | 76·5 | 76·6 | 75·1 | ·711 | ·834 | ·830 |
| | April | .. | ·870 | ·781 | ·089 | ·829 | 0† | 85·5 | 78·7 | 87·1 | 76·0 | 83·5 | 84·3 | 80·8 | +1·4† | 72·8 | 77·7 | 78·0 | 76·2 | ·731 | ·875 | ·879 |
| | May | .. | ·868 | ·789 | ·079 | ·829 | —·035† | 85·4 | 78·2 | 86·0 | 74·4 | 82·7 | 83·3 | 80·4 | +0·9† | 72·2 | 76·2 | 76·2 | 74·9 | ·712 | ·817 | ·812 |
| | June | .. | ·875 | ·802 | ·073 | ·840 | —·030† | 85·6 | 77·1 | 85·9 | 73·4 | 80·8 | 81·3 | 80·3 | +2·7† | 71·9 | 74·8 | 75·1 | 73·9 | ·715 | ·780 | ·785 |
| | July | .. | ·895 | ·817 | ·078 | ·857 | —·059† | 85·7‡ | 75·6 | 86·1 | 70·6 | 78·5 | 79·5 | 79·3‡ | +2·9† | 70·6 | 73·3 | 73·8 | 72·6 | ·686 | ·749 | ·757 |
| | August | .. | ·929 | ·848 | ·081 | ·891 | —·005† | .. | 75·9 | .. | 73·4 | 78·9 | 79·6 | .. | .. | 68·0 | 72·9 | 73·7 | 71·5 | ·579 | ·728 | ·759 |
| | September | .. | ·951 | ·859 | ·092 | ·913 | +·010† | .. | 76·7 | .. | 71·9 | 79·8 | 80·4 | .. | .. | 69·1 | 74·6 | 74·7 | 72·8 | ·609 | ·788 | ·786 |
| | October | .. | ·928 | ·829 | ·099 | ·889 | +·011† | 81·6 | 76·5 | 83·9 | 74·2 | 80·9 | 81·4 | 77·7 | 0† | 68·3 | 74·3 | 74·1 | 72·2 | ·586 | ·762 | ·750 |
| | November | .. | ·926 | ·831 | ·095 | ·891 | +·026† | 82·8 | 76·3 | 85·4 | 73·8 | 81·7 | 82·7 | 78·1 | +0·5† | 69·2 | 75·3 | 75·9 | 73·5 | ·623 | ·795 | ·809 |
| | December | .. | ·888 | ·802 | ·086 | ·855 | —·004† | .. | 76·5 | .. | 70·4 | 80·6 | 81·0 | .. | .. | 69·8 | 76·1 | 75·8 | 73·9 | ·638 | ·843 | ·828 |
| | Year | .. | 29·896 | 29·809 | ·087 | 29·859 | —·009 | 84·1* | 77·0 | 87·1 | 70·4 | 81·0 | 81·6 | 79·4* | +1·1 | 70·7 | 75·3 | 75·5 | 73·8 | ·669 | ·803 | ·804 |

* Mean of 9 months. † Departure from old normal. ‡ Mean of 30 days.

**A**—*contd.*

*at 12 stations in India, etc., in 1921.*

| SION IN MERCURY. | | HUMIDITY. | | | | | CLOUD. | | | | WIND DIRECTION. | | | | | | | | | | | WIND VELOCITY. | | RAINFALL. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Total number of 10 hrs. and 16 hrs. wind from | | | | | | | | | | | | | | | |
| Mean of daily means. | Departure from normal. | From minimum. | Mean 10 hrs. | Mean 16 hrs. | Mean of daily means. | Departure from normal. | Mean 10 hrs. | Mean 16 hrs. | Mean of two previous columns. | Departure from normal. | Calm. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. | Mean wind direction. | Normal of mean direction of month. | Mean velocity in miles per diem. | Departure from normal. | Rainfall. | Departure from normal. | Actual rainy days. |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| ·231 | —·022 | 83 | 70 | 44 | 70 | —7 | 2·5 | 3·3 | 2·9 | —0·5 | 0 | 1 | 0 | 31 | 0 | 0 | 0 | 30 | 0 | N 45° E | N 78° W | 4 | —11 | 1·23 | +0·24 | 1 |
| ·264 | +·004 | 82 | 60 | 38 | 63 | —6 | 2·2 | 3·2 | 2·7 | —0·8 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 28 | 0 | ? | N 87° W | 15 | —6 | 0 | —0·86 | 0 |
| ·313 | +·012 | 77 | 55 | 40 | 58 | —3 | 3·2 | 3·5 | 3·3 | 0 | 0 | 0 | 1 | 30 | 0 | 0 | 0 | 31 | 0 | N 19° W | N 82° W | 15 | —8 | 1·28 | +0·19 | 2 |
| ·396 | +·036 | 81 | 54 | 47 | 61 | +3 | 4·0 | 6·2 | 5·1 | +1·1 | 0 | 0 | 3 | 28 | 0 | 0 | 1 | 27 | 1 | N 29° E | N 87° W | 138 | +12 | 2·13 | +0·19 | 5 |
| ·545 | +·055 | 84 | 59 | 50 | 64 | —4 | 3·5 | 5·5 | 4·5 | —0·7 | 14 | 0 | 2 | 15 | 0 | 0 | 12 | 17 | 2 | S 67° W | S 89° W | 25 | —6 | 4·10 | +0·09 | 11 |
| ·615 | +·025 | 86 | 65 | 59 | 70 | —6 | 5·0 | 6·6 | 5·8 | —0·4 | 27 | 0 | 0 | 3 | 5 | 0 | 5 | 16 | 4 | S 74° W | N 87° W | 23 | 0 | 4·29 | —4·93 | 9 |
| ·682 | —·011 | 89 | 75 | 70 | 78 | —3 | 7·0 | 7·2 | 7·1 | +0·3 | 52 | 0 | 0 | 5 | 1 | 0 | 0 | 4 | 0 | S 70° E | S 66° W | 9 | —6 | 7·61 | —7·30 | 17 |
| ·685 | +·003 | 89 | 75 | 75 | 81 | —1 | 6·3 | 8·1 | 7·2 | +0·1 | 48 | 0 | 1 | 4 | 1 | 1 | 3 | 4 | 0 | S 13° W | N 66° W | 8 | —5 | 8·91 | —5·75 | 20 |
| ·621 | —·012 | 88 | 72 | 70 | 79 | —2 | 5·4 | 6·4 | 5·9 | —0·4 | 44 | 0 | 0 | 4 | 1 | 0 | 2 | 8 | 1 | S 77° W | N 87° W | 17 | +5 | 4·23 | —3·12 | 11 |
| ·420 | —·056 | 87 | 65 | 55 | 70 | —5 | 3·5 | 4·6 | 4·1 | +0·1 | 34 | 0 | 1 | 4 | 7 | 0 | 5 | 8 | 3 | S 36° W | S 86° W | 22 | +10 | 0·53 | —1·76 | 2 |
| ·310 | —·026 | 84 | 68 | 53 | 72 | —3 | 3·7 | 4·4 | 4·1 | +1·5 | 39 | 0 | 0 | 5 | 0 | 0 | 2 | 14 | 0 | S 84° W | N 81° W | 18 | +8 | 0·02 | —0·13 | 0 |
| ·271 | +·003 | 84 | 78 | 53 | 75 | 0 | 1·7 | 3·3 | 2·5 | —0·1 | 29 | 0 | 0 | 5 | 3 | 0 | 5 | 20 | 0 | S 71° W | N 72° W | 20 | +4 | 0 | —0·31 | 0 |
| ·446 | +·001 | 85 | 66 | 55 | 70 | —3 | 4·0 | 5·2 | 4·6 | 0 | 287 | 1 | 8 | 162 | 18 | 1 | 35 | 207 | 11 | .. | .. | 26 | 0 | 34·33 | —23·45 | 78 |
| ·816 | —·017 | 79 | 80 | 80 | 83 | —1 | 5·5 | 6·0 | 5·7 | —1·3† | 2 | 11 | 0 | 0 | 0 | 0 | 0 | 1 | 48 | N 38° W | N 39° W | 142 | +35 | 16·08 | —1·01 | 16 |
| ·812 | —·030 | 74 | 78 | 75 | 79 | —4 | 4·9 | 5·7 | 5·3 | —1·2† | 6 | 13 | 1 | 0 | 1 | 0 | 0 | 4 | 31 | N 35° W | N 21° W | 137 | +30 | 13·36 | +0·76 | 12 |
| ·819 | —·042 | 74 | 75 | 73 | 78 | —5 | 4·8 | 6·3 | 5·5 | —1·2† | 6 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 31 | N 27° W | N 17° W | 125 | +39 | 7·02 | —2·89 | 11 |
| ·853 | —·010 | 75 | 76 | 75 | 78 | —2 | 5·0 | 6·2 | 5·6 | +0·5† | 2 | 1 | 12 | 3 | 16 | 1 | 0 | 1 | 20 | N 34° E | N 8° E | 90 | +8 | 12·58 | +5·23 | 14 |
| ·793 | —·053 | 74 | 73 | 71 | 75 | —5 | 4·2 | 4·2 | 4·2 | —0·9† | 2 | 0 | 0 | 3 | 40 | 14 | 1 | 0 | 2 | S 35° E | S 43° E | 155 | +35 | 6·59 | +0·52 | 12 |
| ·776 | —·005 | 77 | 74 | 73 | 77 | —2 | 5·5 | 5·8 | 5·7 | —1·4† | 2 | 0 | 0 | 3 | 39 | 16 | 0 | 0 | 0 | S 35° E | S 27° E | 227 | +39 | 1·40 | —3·40 | 7 |
| ·746 | —·005 | 77 | 77 | 75 | 77 | —1 | 6·3 | 6·7 | 6·5 | +0·9† | 5 | 0 | 1 | 0 | 38 | 13 | 5 | 0 | 0 | S 30° E | S 33° E | 239 | +28 | 9·05 | +6·64 | 8 |
| ·697 | —·050 | 65 | 74 | 75 | 72 | —6 | 4·0 | 5·0 | 4·9 | —1·9† | 0 | 0 | 0 | 0 | 53 | 8 | 1 | 0 | 0 | S 38° E | S 35° E | 293 | +62 | 1·09 | —1·47 | 4 |
| ·735 | —·032 | 66 | 77 | 75 | 75 | —5 | 4·7 | 5·0 | 4·9 | —0·7† | 1 | 0 | 0 | 0 | 51 | 8 | 0 | 0 | 0 | S 39° E | S 40° E | 283 | +73 | 0·32 | —4·54 | 0 |
| ·712 | —·082 | 64 | 72 | 70 | 71 | —10 | 3·7 | 4·6 | 4·2 | —2·0† | 6 | 2 | 2 | 3 | 35 | 9 | 1 | 0 | 3 | S 43° E | S 39° E | 144 | +5 | 2·82 | —1·96 | 5 |
| ·767 | —·069 | 69 | 73 | 72 | 74 | —9 | 5·0 | 4·7 | 4·9 | —2·0† | 8 | 5 | 9 | 6 | 6 | 8 | 1 | 1 | 16 | N 21° E | S 56° E | 95 | +2 | 7·84 | —2·57 | 7 |
| ·795 | —·037 | 69 | 84 | 78 | 79 | —4 | 7·0 | 8·2 | 7·6 | +0·8† | 6 | 11 | 4 | 2 | 1 | 2 | 0 | 4 | 32 | N 33° W | N 44° W | 142 | +33 | 16·00 | +1·56 | 21 |
| ·777 | —·036 | 72 | 76 | 74 | 77 | —5 | 5·1 | 5·7 | 5·4 | —0·9 | 46 | 60 | 34 | 20 | 280 | 79 | 9 | 11 | 183 | .. | .. | 173 | +32 | 94·15 | —3·13 | 117 |

† Departure from old normal.

## Table B.—Abstract of observations taken at 8 hrs. at 210 stations in the year 1921.

# TABLE B.—JANUARY 1921.

*Abstract of 8 hrs. observations.*

| Station and height of barometer above sea-level in feet. | Pressure: Mean 8 hrs. pressure reduced to 32° and standard gravity. | Pressure: Departure from normal. | Wind: Resultant direction. | Wind: Mean velocity, miles per hour. | Temperature: Mean of 8 hrs. dry bulb. | Temperature: Mean of 8 hrs. wet bulb. | Temperature: Mean maximum. | Temperature: Departure from normal. | Temperature: Mean minimum. | Temperature: Departure from normal. | Temperature: Highest temperature observed during month. | Temperature: Lowest temperature observed during month. | Humidity: Mean humidity at 8 hrs. | Humidity: Departure from normal. | Mean cloud amount at 8 hrs. | Rainfall: Number of rainy days. | Rainfall: Departure from normal. | Rainfall: Rainfall of month. | Rainfall: Departure from normal. | Rainfall: Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point (147) | 29·759 | .. | N 50° E | 5·2 | 76·7 | 71·6 | 86·3 | .. | 73·4 | .. | 91·5 | 69·3 | 77 | .. | 5·0 | 2 | +0·7 | 0·35 | —0·13 | 0·23 |
| Mergui (66) | 29·876 | +·009 | S 80° E | 3·5 | 73·6 | 69·6 | 87·1 | —1·1 | 69·8 | +1·8 | 90·7 | 60·8 | 81 | —1 | 1·8 | 1 | —0·6 | 0·22 | —0·79 | 0·22 |
| Tavoy (19) | 29·926 | —·005 | S 66° E | 1·4 | 71·6 | 68·4 | 89·6 | —0·2 | 65·7 | +0·5 | 94·4 | 54·2 | 84 | —5 | 2·2 | 0 | —0·4 | 0 | —0·19 | 0 |
| Moulmein (77) | 29·900 | +·018 | N 70° E | 2·4 | 73·4 | 67·8 | 89·0 | +0·1 | 67·4 | +1·9 | 93·0 | 60·2 | 74 | —11 | 0·5 | 0 | —0·3 | 0 | —0·28 | 0 |
| Rangoon (13) | 29·954 | +·014 | N 31° E | 3·2 | 70·2 | 66·4 | 89·5 | +0·5 | 67·7 | +3·0 | 93·6 | 61·5 | 81 | —1 | 4·8 | 0 | —0·4 | 0 | —0·23 | 0 |
| Bassein (27) | 29·956 | +·018 | N 17° E | 2·7 | 71·0 | 66·8 | 88·2 | +2·4 | 63·5 | +1·0 | 93·4 | 56·4 | 79 | —9 | 3·8 | 0 | —0·1 | 0 | —0·13 | 0 |
| Diamond Island (41) | 29·904 | —·012 | N 27° E | 6·1 | 77·4 | 71·9 | 84·4 | +0·7 | 73·3 | +1·7 | 88·2 | 71·0 | 75 | +2 | 4·3 | 0 | —0·3 | 0 | —0·20 | 0 |
| Toungoo (164) | .. | .. | N 26° E | 1·2 | 66·3 | 63·5 | 86·9 | +2·1 | 60·3 | +2·8 | 90·3 | 51·4 | 85 | —3 | 2·3 | 0 | —0·4 | 0 | —0·23 | 0 |
| Kyaukpyu (18) | 29·957 | .. | N 45° W | 0·4 | 70·4 | 67·2 | 79·6 | .. | 64·3 | .. | 86·3 | 56·4 | 84 | .. | 3·5 | 1 | +0·6 | 0·17 | +0·09 | 0·12 |
| Akyab (20) | 29·946 | —·015 | N 18° E | 2·1 | 64·0 | 61·6 | 80·7 | —0·4 | 58·5 | —0·9 | 86·7 | 48·0 | 86 | —3 | 2·0 | 1 | +0·8 | 0·61 | +0·54 | 0·58 |
| Minbu (*165*) | 29·821 | —·008 | N 49° W | 1·9 | 64·3 | 59·9 | 83·7 | —0·9 | 59·8 | +2·4 | 89·7 | 48·9 | 76 | +1 | 3·2 | 0 | —0·2 | 0·07 | +0·02 | 0·04 |
| Yamethin (644) | 29·325 | +·006 | .. | .. | 64·5 | 59·4 | 87·0 | +1·0 | 59·0 | +3·4 | 91·9 | 50·0 | 73 | —7 | 1·5 | 1 | +0·8 | 0·29 | +0·20 | 0·25 |
| Mandalay (250) | 29·757 | +·021 | Calm. | 1·8 | 66·5 | 61·3 | 86·8 | +2·6 | 58·1 | +1·7 | 91·0 | 51·2 | 73 | —10 | 2·8 | 1 | +0·9 | 0·68 | +0·64 | 0·65 |
| Monywa (*289*) | 29·743 | +·013 | N 12° W | 1·3 | 64·1 | 60·8 | 84·0 | +2·3 | 59·4 | +2·9 | 89·6 | 53·7 | 81 | —5 | 2·9 | 1 | +1·0 | 1·55 | +1·55 | 1·50 |
| Lashio (*2,820*) | 27·185 | +·027 | Calm. | 1·8 | 53·0 | 51·4 | 75·6 | +1·0 | 48·2 | +2·6 | 80·7 | 41·8 | 89 | —2 | 3·1 | 1 | +0·3 | 1·50 | +1·19 | 1·48 |
| Bhamo (*361*) | 29·635 | +·014 | Calm. | 0·2 | 54·8 | 53·9 | 77·4 | +1·5 | 50·9 | +2·2 | 81·7 | 44·7 | 94 | —1 | 8·6 | 1 | —0·2 | 3·05 | +2·51 | 3·05 |
| Myitkyina (463 | 29·545 | +·009 | N 48° E | 2·3 | 57·7 | 55·8 | 77·0 | +2·6 | 52·3 | +2·8 | 80·8 | 44·6 | 88 | —2 | 2·1 | 2 | +0·7 | 2·00 | +1·50 | 1·67 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh (353) | 29·688 | +·003 | S 79° E | 0·1 | 55·3 | 53·8 | 72·7 | +2·1 | 52·4 | +3·1 | 77·5 | 46·7 | 75 | —21? | 5·8 | 6 | +2·5? | 1·71 | +0·13 | 0·40 |
| Sibsagar (333) | 29·720 | +·006 | N 19° E | 0·6 | 54·5 | 53·6 | 70·5 | +0·5 | 51·2 | +1·5 | 75·4 | 42·0 | 94 | —4 | 9·2 | 4 | +0·3 | 1·62 | +0·28 | 0·51 |
| Tezpur (252) | 29·810 | +·031 | N 73° E | 1·2 | 55·7 | 54·7 | 74·6 | +1·6 | 53·9 | +2·2 | 78·8 | 48·1 | 93 | 0 | 5·5 | 2 | +0·5 | 0·54 | +0·01 | 0·30 |
| Gauhati (196) | 29·866 | +·018 | N 39° E | 0·9 | 56·8 | 55·8 | 75·7 | +1·6 | 51·0 | +1·3 | 79·5 | 44·7 | 94 | —2 | 9·4 | 3 | +2·0 | 1·51 | +1·17 | 1·15 |
| Dhubri (115) | 29·924 | +·015 | N 53° E | 4·5 | 58·1 | 56·5 | 72·9 | —0·8 | 55·6 | +2·1 | 77·8 | 48·7 | 90 | —2 | 1·5 | 2 | +1·2 | 1·30 | +0·98 | 0·94 |
| Silchar (104) | 29·966 | +·039 | N 80° E | 1·0 | 64·1 | 60·7 | 79·4 | +1·7 | 54·0 | +1·7 | 84·4 | 46·4 | 81 | —10 | 2·1 | 3 | +1·3 | 1·02 | +0·14 | 0·52 |
| Srimangal (66) | 29·964 | .. | .. | .. | 53·0 | 52·0 | 80·8 | +0·9 | 46·1 | —2·6? | 88·9 | 37·6 | 93 | +2 | 1·5 | 2 | +0·8 | 0·49 | —0·16 | 0·34 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar (36) | 29·953 | .. | N 45° E | 1·4 | 63·2 | 60·5 | 81·6 | .. | 58·2 | .. | 89·7 | 50·1 | | .. | 1·9 | 1 | +0·7 | 0·82 | +0·73 | 0·82 |
| Chittagong (87) | 29·927 | +·012 | N 40° E | 1·9 | 60·0 | 58·0 | 79·8 | +1·5 | 55·9 | +0·6 | 86·4 | 47·4 | 88 | 0 | 3·5 | 1 | +0·5 | 0·71 | +0·40 | 0·58 |
| Noakhali (43) | 29·984 | +·023 | N 8° E | 1·7 | 62·5 | 60·1 | 78·7 | +1·0 | 57·9 | +5·1? | 86·0 | 50·8 | 86 | —3 | 2·9 | 2 | +1·3 | 0·38 | +0·08 | 0·18 |
| Barisal (12) | 29·987 | —·003 | N 5° E | 1·5 | 63·0 | 60·3 | 78·1 | +0·5 | 56·8 | +1·8 | 84·7 | 47·5 | 84 | —3 | 2·7 | 3 | +2·3 | 0·67 | +0·20 | 0·31 |
| Narayanganj (26) | 29·995 | +·008 | N 50° W | 0·5 | 61·9 | 59·0 | 78·4 | +0·8 | 57·7 | +2·4 | 84·7 | 50·8 | 83 | —5 | 2·3 | 2 | +1·1 | 0·79 | +0·46 | 0·45 |
| Mymensingh (68) | 29·963 | +·009 | Calm. | 0·1 | 59·4 | 57·0 | 77·2 | +2·1 | 56·0 | +3·0 | 82·1 | 48·1 | 86 | —4 | 3·5 | 2 | +1·0 | 0·74 | +0·37 | 0·61 |
| Bogra (75) | 29·954 | +·005 | N | 0·3 | 57·8 | 56·7 | 75·6 | —0·1 | 54·1 | +2·2 | 82·4 | 46·8 | 92 | +8? | 6·1 | 2 | +1·0 | 1·13 | +0·73 | 0·78 |
| Dinajpur (123) | 29·896 | 0 | N 54° E | 1·0 | 56·5 | 54·7 | 75·7 | +0·4 | 52·0 | +3·1 | 80·8 | 43·5 | 89 | +1 | 1·9 | 2 | +1·2 | 0·88 | +0·53 | 0·70 |
| Jalpaiguri (283) | 29·737 | +·004 | N 45° W | 0·7 | 55·4 | 54·6 | 74·7 | +2·1 | 52·5 | +1·6 | 79·0 | 47·6 | 94 | +3 | 0·5 | 1 | +0·3 | 0·57 | +0·25 | 0·57 |
| Saugor Island (10) | 30·011 | +·006 | N 17° E | 3·0 | 64·1 | 61·8 | 77·3 | +0·4 | 59·2 | 0 | 81·5 | 52·1 | 87 | —3 | 4·3 | 3 | +2·2 | 1·58 | +1·28 | 1·09 |
| Midnapore (149) | 29·869 | —·002 | N 27° W | 1·2 | 60·8 | 55·9 | 80·3 | —0·5 | 57·0 | +1·1 | 89·2 | 46·7 | 71 | 0 | 3·8 | 2 | +1·1 | 0·90 | +0·42 | 0·72 |
| Calcutta (21) | 30·001 | —·002 | N 8° E | 1·8 | 60·1 | 58·3 | 77·9 | +0·6 | 57·5 | +2·0 | 85·6 | 48·9 | 89 | +4 | 3·5 | 3 | +2·2 | 2·09 | +1·72 | 1·15 |
| Jessore (30) | 29·995 | +·005 | Calm. | 0·4 | 59·2 | 56·5 | 77·3 | 0 | 54·5 | +1·3 | 84·5 | 44·7 | 84 | —2 | 3·2 | 2 | +1·1 | 1·03 | +0·63 | 0·67 |
| Burdwan (99) | 29·920 | —·008 | N 18° W | 0·4 | 59·2 | 55·9 | 79·0 | +0·4 | 55·3 | +0·3 | 88·6 | 45·8 | 80 | +5 | 3·4 | 3 | +2·3 | 1·56 | +1·20 | 0·76 |
| Berhampore (67) | 29·981 | +·022 | N 16° E | 0·8 | 60·2 | 57·2 | 76·5 | 0 | 55·6 | +2·1 | 84·8 | 47·1 | 82 | —4 | 4·4 | 2 | +1·1 | 1·57 | +1·20 | 1·20 |

*N.B.*—Elevations in italics indicate barometrical determinations.

# TABLE B.—JANUARY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station and height of barcistern above sea-level in feet. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore (50) | 29·978 | +·004 | N 20° W | 1·2 | 61·0 | 59·5 | 81·6 | +0·9 | 56·5 | +0·3 | 88·6 | 48·7 | 91 | +10 | 3·1 | 3 | +2·0 | 2·25 | +1·71 | 1·70 |
| Hukitala (False Point). (29) | 29·991 | +·004 | N 20° W | 4·6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·5 | 3 | +2·2 | 3·88 | +3·40 | 2·42 |
| Cuttack (80) | 29·944 | +·006 | S 45° W | 0·9 | 63·1 | 60·8 | 80·9 | —2·9? | 59·6 | —0·6 | 86·7 | 53·8 | 87 | +6 | 3·6 | 4 | +3·4 | 2·94 | +2·71 | 1·55 |
| Puri (24) | 30·005 | +·013 | N 10° E | 5·7 | 66·3 | 64·0 | 78 7 | —1·3 | 63·9 | +0·3 | 81·3 | 58·8 | 87 | +5 | 3·8 | 5 | +4·4 | 6·51 | +6·21 | 2·09 |
| Angul (455) | 29·556 | +·019 | N 42° W | 3·3 | 62·5 | 57·9 | 81·3 | —0·6 | 56·2 | +0·3 | 88·8 | 48·4 | 74 | —6 | 3·3 | 2 | +1·3 | 1·79 | +1·33 | 1·50 |
| Sambalpur (486) | 29·517 | —·011 | N 7° E | 1·7 | 61·9 | 57·4 | 82·4 | +0·4 | 54·4 | —0·9 | 90·0 | 44·5 | 74 | +1 | 2·1 | 1 | +0·2 | 2·20 | +1·85 | 2·12 |
| Chaibasa (*733*) | 29·263 | —·001 | S 33°W | 1·3 | 57·7 | 54·6 | 79·3 | —0·6 | 53·8 | +1·3 | 89·0 | 45·4 | 81 | —4 | 2·9 | 1 | —0·3 | 1·36 | +0·68 | 1·30 |
| Ranchi (2,133) | 27·840 | +·014 | N 75° W | 2·9 | 57·7 | 50·4 | 74·7 | +0·9 | 52·5 | +1·1 | 87·4 | 45·1 | 58 | —7 | 2·6 | 3 | +1·6 | 1·57 | +0·90 | 1·32 |
| Purulia (*816*) | 29·207 | +·026 | S 85° W | 1·6 | 60·3 | 53·1 | 80·6 | +3·1? | 55·5 | +1·6 | 90·1 | 48·1 | 59 | —14 | 2·7 | 2 | +0·5 | 1·58 | +0·85 | 1·25 |
| Daltonganj (*730*) | 29·292 | +·002 | S | (*b*)1·7 | 54·3 | 50·7 | 78·7 | +3·3 | 48·0 | +1·1 | 88·1 | 38·5 | 77 | —4 | 0·8 | 1 | —0·8 | 1·54 | +0·73 | 1·54 |
| Purnea (124) | 29·915 | +·009 | N 85° W | 1·6 | 53·9 | 52·5 | 76·0 | +1·7 | 48·2 | +0·2 | 82·9 | 37·9 | 91 | 0 | 2·8 | 1 | +0·2 | 0·88 | +0·47 | 0·87 |
| Monghyr (155) | 29·872 | .. | S 22° W | 2·5 | 57·4 | 54·0 | 75·0 | .. | 53·5 | .. | 81·6 | 45·9 | 79 | .. | 2·0 | 1 | +0·5 | 1·14 | +0·90 | 1·14 |
| Darbhanga (165) | 29·876 | +·019 | Calm. | 0·7 | 56·1 | 54·4 | 75·7 | +2·9 | 49·7 | —1·6? | 81·0 | 40·4 | 89 | +1 | 2·3 | 1 | —0·1 | 0·71 | +0·22 | 0·70 |
| Pusa (188) | 29·842 | .. | S 22° W | 1·5 | 54·0 | 52·5 | 75·9 | .. | 49·9 | .. | 82·1 | 39·9 | 90 | .. | 2·3 | 1 | +0·6 | 0·51 | +0·39 | 0·51 |
| Patna (133) | 29·859 | +·020 | S 87° W | 1·8 | 59·7 | 55·1 | 74·3 | +1·6 | 52·3 | +1·6 | 80·9 | 44·2 | 71 | —7 | 2·1 | 1 | —0·1 | 0·59 | +0·04 | 0·59 |
| Buxar (239) | 29·798 | +·008 | S 45 W | (*b*)1·8 | 57·5 | 53·6 | 72·6 | —1·3? | 51·2 | +0·9 | 80·0 | 41·9 | 76 | +2 | 2·6 | 1 | —0·3 | 0·61 | —0·06 | 0·56 |
| Gaya (372) | 29·680 | +·028 | S 80° W | 1·2 | 62·4 | 55·1 | 76·3 | +0·9 | 53·4 | +1·9 | 85·1 | 46·4 | 60 | —15 | 1·8 | 1 | —0·2 | 0·62 | —0·02 | 0·62 |
| Naya Dumka (489) | 29·539 | +·020 | N | 0·7 | 60·4 | 55·0 | 77·1 | +1·7 | 53·2 | +2·0 | 85·2 | 44·0 | 69 | —6 | 2·0 | 1 | 0 | 1·33 | +0·84 | 1·33 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur (257) | 29·779 | +·023 | S 87° W | 1·0 | 54·8 | 52·1 | 74·1 | +1·5 | 49·4 | +0·4 | 80·2 | 40·5 | 82 | 0 | 1·2 | 2 | +0·6 | 1·17 | +0·45 | 0·99 |
| Benares (267) | 29·771 | +·012 | S 45° W | 1·3 | 57·1 | 53·5 | 76·8 | +2·8 | 49·1 | +1·1 | 86·0 | 40·7 | 78 | —5 | 1·6 | 2 | +0·5 | 0·66 | —0·01 | 0·47 |
| Allahabad (309) | 29·741 | +·023 | W | 1·5 | 56·0 | 52·1 | 77·1 | +2·9 | 50·2 | +2·3 | 86·4 | 42·7 | 74 | —5 | 2·0 | 3 | +1·3 | 2·00 | +1·24 | 1·03 |
| Cawnpore (416) | 29·616 | +·016 | S 83° W | 1·8 | 52·8 | 49·8 | 74·5 | +2·0 | 49·7 | +1·8 | 82·6 | 43·3 | 80 | —13 | 1·1 | 3 | +1·5 | 2·51 | +1·94 | 1·20 |
| Lucknow (368) | 29·655 | +·004 | S 28° W | 0·5 | 52·4 | 49·5 | 75·6 | +2·2 | 48·7 | +2·0 | 85·0 | 43·0 | 80 | —1 | 1·7 | 2 | +0·5 | 3·15 | +2·32 | 1·95 |
| Bahraich (407) | 29·605 | +·007 | N 14° E | 1·3 | 52·0 | 49·8 | 73·6 | +1·4 | 48·8 | +1·5 | 83·5 | 39·1 | 85 | —2 | 1·4 | 2 | —0·1 | 2·86 | +1·83 | 2·26 |
| Jhansi (824) | 29·189 | —·011 | S 62° W | 2·8 | 56·5 | 50·9 | 77·5 | +1·6 | 50·0 | —1·5 | 89·9 | 41·8 | 67 | +2 | 1·8 | 3 | +1·7 | 3·28 | +2·66 | 1·77 |
| Agra (556) | 29·481 | +·014 | N 45° W | 1·8 | 59·3 | 52·3 | 74·7 | +1·9 | 50·6 | +2·0 | 83·3 | 43·8 | 60 | —11 | 2·5 | 1 | —0·4 | 1·50 | +0·95 | 1·45 |
| Mainpuri (516) | 29·501 | +·003 | N 69° W | 1·3 | 52·6 | 48·3 | 74·7 | +3·0 | 48·0 | +1·8 | 81·5 | 39·8 | 70 | —7 | 2·6 | 2 | +0·5 | 1·28 | +0·62 | 1·16 |
| Bareilly (568) | 29·439 | +·010 | N 38° E | 0·2 | 53·3 | 49·9 | 72·1 | +1·9 | 48·5 | +2·4 | 80·1 | 39·5 | 77 | —6 | 2·8 | 2 | —0·3 | 3·00 | +1·94 | 2·40 |
| Roorkee (899) | 29·094 | +·010 | N 27° W | 1·8 | 48·3 | 46·0 | 69·8 | +0·9 | 44·7 | +0·8 | 77·8 | 33·8 | 83 | —2 | 3·4 | 3 | 0 | 3·22 | +1·52 | 1·54 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi (718) | 29·289 | —·001 | N 62° W | 2·2 | 52·6 | 46·9 | 70·7 | +0·7 | 49·5 | +1·8 | 75·8 | 44·7 | 63 | —5 | 2·4 | 2 | —0·2 | 1·33 | +0·25 | 0·65 |
| Hissar (725) | 29·310 | +·019 | S 84° W | 3·5 | 47·0 | 42·1 | 73·6 | +3·5 | 42·4 | —0·3 | 81·4 | 33·4 | 63 | —13 | 2·6 | 0 | —1·7 | 0·03 | —0·70 | 0·03 |
| Patiala (*818*) | 29·164 | —·016? | N 41° W | 3·4 | 48·7 | 44·6 | 71·0 | +3·4 | 45·7 | +2·2 | 80·2 | 40·0 | 71 | —8 | 3·3 | 1 | —1·7 | 0·75 | —0·66 | 0·59 |
| Ambala (892) | 29·104 | +·010 | N 19° W | 3·2 | 49·4 | 45·5 | 71·7 | +3·7 | 45·6 | +2·5 | 81·2 | 39·7 | 72 | —13 | 4·5 | 2 | —1·4 | 3·04 | +1·42 | 1·83 |
| Ludhiana (812) | 29·195 | +·010 | N | 0·8 | 48·1 | 44·1 | 71·0 | +4·6 | 43·9 | —0·8 | 79·5 | 32·4 | 71 | —11 | 1·9 | 2 | —0·9 | 0·55 | —1·27 | 0·29 |
| Lahore (702) | 29·315 | +·006 | N 16° E | 1·2 | 43·9 | 41·6 | 69·9 | +1·5 | 41·6 | +0·5 | 75·0 | 36·1 | 82 | —2 | 2·9 | 0 | —2·2 | 0 | —1·09 | 0 |
| Sialkot (830) | 29·196 | +·023 | N 25° W | 0·9 | 48·8 | 45·9 | 68·3 | +2·5 | 41·1 | —1·9 | 75·6 | 33·5 | 79 | —2 | 3·0 | 1 | —2·1 | 0·30 | —1·91 | 0·26 |
| Rawalpindi (1,674) | 28·345 | +·026 | S 73° W | 2·3 | 47·9 | 42·9 | 65·4 | +3·0 | 39·9 | +1·9 | 72·2 | 33·2 | 65 | —17 | 2·1 | 1 | —2·9 | 0·85 | —1·60 | 0·80 |

*N.B.*—Elevations in italics indicate barometrical determinations.

(*b*) Mean of 29 days.

# TABLE B.—JANUARY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station and height of barcistern above sea-level in feet. | Pressure. Mean 8 hrs. pressure reduced to 32° and standard gravity. | Pressure. Departure from normal. | Wind. Resultant direction. | Wind. Mean velocity, miles per hour. | Temperature. Mean of 8 hrs. dry bulb. | Temperature. Mean of 8 hrs. wet bulb. | Temperature. Mean maximum. | Temperature. Departure from normal. | Temperature. Mean minimum. | Temperature. Departure from normal. | Temperature. Highest temperature observed during month. | Temperature. Lowest temperature observed during month. | Humidity. Mean humidity at 8 hrs. | Humidity. Departure from normal. | Mean cloud amount at 8 hrs. | Rainfall. Number of rainy days. | Rainfall. Departure from normal. | Rainfall. Rainfall of month. | Rainfall. Departure from normal. | Rainfall. Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI—Punjab—*concld.*** | | | | | | | | | | | | | | | | | | | | |
| Khushab (612) | 29·446 | +·026 | N 54° E | 2·3 | 46·1 | (e) 40·1 | 71·5 | +4·0 | 38·0 | —3·3 | 77·2 | 32·2 | (e) 51 | —17 | 2·7 | 0 | —1·7 | 0 | —0·81 | 0 |
| Lyallpur (605) | 29·425 | .. | S 72° W | 1·6 | 44·1 | 41·6 | 70·6 | .. | 39·6 | .. | 77·0 | 34·0 | 80 | .. | 3·5 | 0 | —1·3 | 0·09 | —0·41 | 0·09 |
| Montgomery (558) | 29·476 | +·005 | N 19° E | 1·7 | 47·3 | (j) 42·5 | 70·7 | +2·3 | 42·8 | +1·5 | 74·8 | 35·8 | (j) 65 | —6 | 2·8 | 0 | —1·7 | 0·01 | —0·59 | 0·01 |
| Multan (426) | 29·627 | +·006 | N | 0·9 | 48·9 | 43·5 | 71·8 | +2·1 | 45·4 | +2·1 | 76·8 | 40·9 | 62 | —9 | 3·1 | 0 | —1·3 | 0·04 | —0·40 | 0·04 |
| **VII—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar (1,113) | 28·953 | +·020 | S | 0·6 | 43·3 | 39·5 | 65·8 | +2·8 | 39·3 | —0·3 | 70·8 | 33·9 | 70 | —2 | 2·3 | 2 | —1·1 | 0·75 | —0·83 | 0·52 |
| Dera Ismail Khan (590) | 29·483 | +·014 | N 32° W | 0·7 | 46·7 | 41·0 | 70·6 | +2·0 | 40·5 | +0·3 | 76·0 | 33·9 | 58 | —13 | 2·9 | 0 | —1·4 | 0 | —0·52 | 0 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad (186) | 29·883 | +·010 | N 45° W | 1·4 | 49·6 | 40·9 | 71·1 | —1·9 | 43·4 | +0·2 | 77·1 | 34·4 | 41 | —23 | 1·4 | 0 | —0·8 | 0 | —0·28 | 0 |
| Hyderabad (96) | 29·963 | +·005 | N 4° W | 2·9 | 54·5 | 46·8 | 77·8 | +1·6 | 50·3 | —0·3 | 84·5 | 42·2 | 50 | —7 | 0·6 | 0 | —0·6 | 0 | —0·22 | 0 |
| Karachi (13) | 30·057 | +·012 | N 41° E | 4·9 | 60·3 | 53·8 | 76·3 | +0·6 | 57·0 | —1·5 | 81·3 | 51·5 | 63 | 0 | 2·9 | 0 | —1·1 | 0·05 | —0·51 | 0·05 |
| **IX—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner (*774*) | 29·264 | +·018 | S 63° E | 2·8 | 50·1 | 42·0 | 75·6 | +4·2 | 45·1 | —3·4? | 84·4 | 37·3 | 44 | —12 | 1·9 | 0 | —1·0 | 0 | —0·35 | 0 |
| Jodhpur (780) | 29·242 | +·008 | N 43° E | .. | 56·5 | 44·6 | 79·2 | +3·1 | 51·5 | +1·9? | 86·5 | 41·2 | 30 | —16 | 2·5 | 0 | —0·4 | 0 | —0·15 | 0 |
| Jaipur (1,431) | 28·579 | +·012 | N 2° E | 3·0 | 53·8 | 46·0 | 76·1 | +2·1 | 47·7 | —0·1 | 84·4 | 40·2 | 52 | —10 | 2·9 | 1 | —0·1 | 0·41 | —0·05 | 0·39 |
| Ajmer (1,611) | 28·882 | —·006 | Calm | 0·8 | 46·4 | 41·8 | 74·4 | +1·0 | 44·4 | —1·2 | 83·0 | 38·4 | 67 | —4 | 0·7 | 1 | —0·1 | 0·22 | —0·15 | 0·22 |
| Kotah (*862*) | 29·165 | —·015 | N 59° W | 0·9 | 58·2 | 49·8 | 78·4 | +1·6 | 52·1 | +1·2 | 86·2 | 47·4 | 53 | —4 | 2·0 | 1 | +0·3 | 0·66 | +0·39 | 0·66 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa (466) | 29·550 | +·014 | N 66° E | 6·0 | 58·0 | 47·0 | 85·8 | +2·8 | 50·1 | —1·1 | 93·3 | 43·7 | 37 | —10 | 1·4 | 0 | —0·3 | 0 | —0·12 | 0 |
| Bhuj (334) | 29·692 | +·009 | N 50° E | 3·1 | 60·5 | 54·1 | 80·8 | +1·2 | 48·4 | —6·0? | 86·5 | 42·1 | 64 | +4 | 0·6 | 0 | —0·2 | 0 | —0·06 | 0 |
| Jamnagar (61) | .. | .. | N 74° E | 6·9 | 62·3 | 56·7 | 80·4 | +1·8 | 52·4 | —0·9 | 85·3 | 46·4 | 69 | +9? | 0·5 | 0 | —0·2 | 0 | —0·03 | 0 |
| Dwarka (37) | 30·005 | +·011 | N 28° E | 8·8 | 64·7 | 59·2 | 78·7 | +1·4 | (v) 60·1 | (v) —0·6 | 83·3 | 54·5 | 70 | +1 | 1·0 | 0 | —0·1 | 0 | —0·04 | 0 |
| Rajkot (429) | 29·570 | —·005 | N 44° E | 4·0 | 58·2 | 48·7 | 84·0 | +0·5 | 51·6 | +0·9 | 92·4 | 44·9 | 45 | —7 | 1·2 | 0 | —0·2 | 0 | —0·04 | 0 |
| Veraval (*18*) | 29·986 | +·003 | N 16° E | 5·5 | 64·3 | 53·1 | 82·9 | +1·7 | 60·4 | +1·6 | 89·9 | 52·3 | 43 | —10 | 1·1 | 0 | 0 | 0 | —0·02 | 0 |
| Bhavnagar Para (55) | 29·968 | +·010 | N 65° W | 3·9 | 60·9 | 48·3 | 85·6 | +2·1 | 53·3 | —1·1 | 93·2 | 46·8 | 33 | —20? | 1·7 | 0 | 0 | 0 | —0·03 | 0 |
| Surat (39) | 29·958 | —·001 | N 19° E | 1·8 | 62·6 | 53·8 | (m) 86·6 | (m) 0 | 57·9 | +1·0 | 95·6 | 49·6 | 53 | —11 | 1·5 | 0 | —0·2 | 0·07 | +0·01 | 0·07 |
| Ahmadabad (163) | 29·867 | +·013 | N 58° E | 3·3 | 65·4 | 53·8 | 86·6 | +2·6 | 57·7 | +0·6 | 93·8 | 50·1 | 42 | —5 | 1·2 | 0 | 0 | 0 | —0·02 | 0 |
| Bombay (37) | 29·919 | —·023 | N 51° E | 6·4 | 70·3 | 63·2 | 83·8 | +1·3 | 67·8 | —0·1 | 90·8 | 60·7 | 66 | —6 | 0·8 | 0 | —0·1 | 0 | —0·08 | 0 |
| Ratnagiri (207) | 29·717 | —·031 | S 83° E | 6·3 | 76·4 | 63·0 | 89·8 | +2·9 | 67·9 | +1·5 | 95·5 | 58·1 | 46 | —17 | 0·5 | 0 | —0·2 | 0 | —0·10 | 0 |
| Marmagao (*60*) | 29·876 | —·016 | N 83° E | 5·4 | 72·7 | 68·4 | 84·7 | —0·2 | 70·0 | +0·3 | 89·7 | 67·0 | 80 | —2 | 1·8 | 0 | 0 | 0 | —0·03 | 0 |
| Karwar (44) | 29·891 | —·015 | N 11° E | 1·9 | 68·7 | 65·7 | 89·6 | +3·2 | 66·0 | +0·2 | 94·7 | 61·6 | 85 | +4 | 1·0 | 0 | —0·1 | 0 | —0·06 | 0 |
| Malegaon (1,430) | 28·537 | —·005 | S 62° W | 3·1 | 61·4 | 49·6 | 88·7 | +2·9 | 52·3 | +0·3 | 94·4 | 40·0 | 38 | —15 | 1·5 | 0 | —0·3 | 0 | —0·14 | 0 |
| Ahmadnagar (2,154) | 29·822 | —·003 | N 71° W | 3·9 | 65·4 | 51·9 | 88·3 | +3·8 | 54·5 | +2·2 | 92·6 | 44·2 | 35 | —22 | 0·4 | 1 | +0·8 | 0·12 | 0 | 0·12 |
| Poona (1,846) | 28·126 | +·003 | N 52° W | 2·9 | 61·2 | 52·7 | 89·0 | +2·8 | 53·2 | —1·0 | 92·5 | 42·4 | 54 | —5 | 4·4 | 0 | —0·2 | 0 | —0·06 | 0 |
| Sholapur (1,599) | 28·370 | —·005 | S 70° E | 6·0 | 67·8 | 54·9 | 90·3 | +2·6 | 60·2 | +1·4 | 93·9 | 50·5 | 40 | —7 | 1·0 | 0 | —0·2 | 0·06 | —0·09 | 0·06 |
| Bijapur (*1,948*) | 28·004 | —·007 | S 14° E | 0·7 | 68·9 | 59·8 | 88·3 | +1·9 | 60·4 | +0·5 | 92·9 | 50·1 | 57 | —8 | 0·8 | 0 | —0·2 | 0 | —0·09 | 0 |
| Bekaum (2,562) | 27·404 | —·005 | N 72° E | 2·9 | 67·1 | 57·1 | 86·3 | +2·8 | 59·3 | +1·7 | 91·7 | 52·7 | 52 | —7 | 0·9 | 0 | —0·2 | 0 | —0·12 | 0 |

*N.B.*—Elevations in italics indicate barometrical determinations.

(e) Mean of 29 days.
(j) Mean of 24 days.
(m) Mean of 21 days.
(v) Mean of 12 days.

# TABLE B.—JANUARY 1921—*contd.*

## *Abstract of 8 hrs. observations.*

| Station and height of barcistern above sea-level in feet. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch (1,626) | 28·370 | +·002 | E | 1·9 | 61·5 | 53·2 | 78·3 | +1·0 | 47·8 | —0·7 | 88·7 | 40·0 | 57 | +1 | 2·0 | 0 | —0·4 | 0·08 | —0·13 | 0·07 |
| Indore (1,823) | 28·159 | +·005 | N 43° E | 2·0 | 62·6 | 53·0 | 81·7 | +2·3 | 51·1 | +1·5 | 89·9 | 42·1 | 51 | —10 | 1·6 | 2 | +1·6 | 0·45 | +0·33 | 0·21 |
| Nowgong (754) | 29·259 | +·002 | S 45° W | 1·8 | 53·4 | 48·9 | 75·9 | +1·7 | 47·7 | +0·6 | 88·0 | 38·5 | 70 | —6 | 2·1 | 3 | +1·4 | 2·57 | +1·94 | 1·83 |
| Sutna (1,041) | 28·955 | +·003 | S 38° E | 0·5 | 58·0 | 52·7 | 76·6 | +2·0 | 51·2 | +3·2 | 85·8 | 41·8 | 70 | —1 | 1·2 | 1 | —0·9 | 1·15 | +0·26 | 1·03 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana (2,134) | .. | .. | S 56° E | 4·1 | 67·9 | 52·6 | 85·3 | +4·0 | 61·3 | +2·6 | 90·1 | 50·5 | 31 | .. | 1·9 | 1 | +0·5 | 0·11 | —0·12 | 0·11 |
| Akola (925) | 29·065 | +·007 | S 88° E | 3·1 | 63·9 | 50·6 | 90·7 | +5·0 | 55·9 | +2·0 | 95·7 | 43·5 | 32 | —22 | 1·5 | 1 | +0·4 | 0·10 | —0·23 | 0·10 |
| Amraoti (1,215) | 28·763 | +·001 | N 75° E | 4·2 | 68·5 | 53·8 | 88·1 | +3·2 | 61·2 | +3·0 | 92·1 | 51·1 | 33 | —18 | 1·4 | 0 | —0·6 | 0·05 | —0·35 | 0·05 |
| Khandwa (1,044) | 28·940 | +·001 | N 31° E | 3·3 | 61·8 | 52·4 | 87·1 | +2·8 | 53·0 | +0·8 | 94·8 | 40·7 | 50 | —5 | 2·0 | 2 | +1·6 | 0·46 | +0·25 | 0·31 |
| Hoshangabad (1,006) | 28·998 | +·003 | N 54° E | 4·0 | 59·1 | 51·6 | 82·3 | +2·4 | 53·6 | +1·5 | 89·5 | 43·2 | 57 | —8 | 1·6 | 1 | +0·2 | 0·80 | +0·55 | 0·69 |
| Saugor (1,807) | 28·144 | —·035 | S 60° E | 3·6 | 57·9 | 49·0 | 79·8 | +3·1 | 54·3 | +2·2 | 88·8 | 45·8 | 51 | —4 | 2·0 | 1 | —0·1 | 0·64 | +0·09 | 0·53 |
| Jubbulpore (1,327) | 28·637 | —·016 | S 47° E | 1·2 | 56·3 | 50·4 | 79·4 | +1·9 | 50·9 | +2·6 | 88·7 | 40·7 | 65 | —10 | 1·6 | 2 | +0·6 | 1·05 | +0·37 | 0·55 |
| Seoni (2,033) | 27·949 | +·008 | N 53° E | 3·1 | 60·7 | 51·4 | 80·6 | +1·3 | 53·8 | +2·4 | 88·6 | 44·3 | 50 | —15 | 1·6 | 1 | —0·2 | 0·36 | —0·15 | 0·36 |
| Nagpur (1,017) | 28·973 | +·008 | N 48° E | 2·8 | 64·7 | 54·2 | 86·2 | +2·5 | 55·2 | —0·5 | 91·8 | 46·9 | 46 | —14 | 1·5 | 1 | +0·2 | 0·39 | +0·04 | 0·39 |
| Pendra (2,040) | 27·950 | +·018 | W | 3·4 | 60·5 | 51·4 | 77·2 | +1·2 | 52·3 | +1·5 | 84·7 | 43·4 | 52 | —12 | 3·9 | 2 | +0·6 | 1·20 | +0·55 | 1·10 |
| Raipur (970) | 29·002 | —·011 | S 67° E | 1·3 | 61·8 | 54·4 | 82·7 | +1·1 | 56·5 | +1·1 | 89·9 | 49·7 | 59 | —5 | 2·7 | 1 | +0·3 | 2·20 | +1·98 | 0·18 |
| Chanda (*634*) | 29·354 | —·004 | N 68° E | 2·4 | 65·1 | 57·9 | 88·5 | +3·0 | 54·5 | —0·4 | 94·5 | 44·0 | 62 | —8 | 1·5 | 0 | —0·4 | 0·08 | —0·17 | 0·07 |
| Jagdalpur (1,813) | 28·161 | .. | N 67° W | 1·7 | 59·0 | 54·7 | 83·8 | .. | 53·2 | .. | 87·9 | 45·3 | 75 | .. | 0·6 | 2 | +1·5 | 0·74 | +0·41 | 0·45 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad (1,905) | 28·076 | —·003 | N 64° E | 5·4 | 65·8 | 50·4 | 88·7 | +3·5 | 58·9 | +3·6 | 96·2 | 47·4 | 28 | —20 | 1·5 | 0 | —0·4 | 0 | —0·26 | 0 |
| Nizamabad (1,248) | 28·711 | ? | S 74° E | 1·7 | 67·4 | 57·1 | 89·0 | +3·4 | 57·3 | +0·9 | 93·9 | 46·6 | 50 | —13 | 1·5 | 1 | +0·7 | 0·48 | +0·34 | 0·45 |
| Gulbarga (1,503) | 28·452 | —·013 | N 68° E | 5·3 | 67·9 | 58·5 | 90·9 | +3·5 | 60·7 | +0·7 | 95·0 | 53·8 | 55 | —3 | 1·0 | 0 | —0·3 | 0 | —0·17 | 0 |
| Raichur (*1,311*) | 28·642 | +·008 | S 50° E | 5·5 | 70·3 | 62·3 | 89·3 | +2·3 | 65·4 | +0·9 | 93·2 | 57·9 | 62 | 0 | 2·2 | 0 | —0·2 | 0 | —0·10 | 0 |
| Hyderabad (Deccan) (1,719) | 28·255 | +·006 | S 78° E | 2·8 | 67·3 | 60·6 | 85·6 | +0·7 | 60·8 | +1·1 | 92·2 | 51·3 | 67 | —6 | 2·4 | 0 | —0·4 | 0·01 | —0·20 | 0·01 |
| Hanamkonda (877) | 29·097 | +·001 | S 35° E | 3·5 | 70·1 | 64·2 | 88·0 | +2·3 | 63·6 | +0·8 | 94·5 | 53·8 | 72 | 0 | 3·5 | 2 | +1·5 | 0·40 | +0·06 | 0·24 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug (2,405) | 27·546 | —·003 | S 76° E | 4·5 | 70·7 | 62·5 | 86·5 | +1·8 | 63·0 | +0·9 | 89·9 | 56·5 | 62 | 0 | 2·8 | 1 | +0·8 | 0·52 | +0·40 | 0·52 |
| Hassan (3,149) | 26·836 | +·001 | S 76° E | 3·9 | 68·2 | 65·0 | 83·6 | +1·3 | 58·7 | +3·2 | 86·4 | 50·6 | 84 | +10 | 4·5 | 3 | +2·8 | 2·72 | +2·67 | 2·35 |
| Bangalore (3,021) | 26·957 | —·013 | N 85° E | 5·9 | 66·1 | 61·9 | 82·8 | +2·1 | 60·4 | +3·0 | 86·7 | 52·8 | 78 | —1 | 4·2 | 2 | +1·6 | 0·78 | +0·53 | 0·32 |
| Mysore (2,518) | 27·432 | —·018 | N 52° E | 5·2 | 69·7 | 63·9 | 84·8 | +0·4 | 62·3 | +1·9 | 89·5 | 54·0 | 72 | —1 | 3·6 | 1 | +0·8 | 0·24 | +0·11 | 0·24 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore (72) | 29·849 | —·027 | N 82° E | 4·4 | 77·3 | 70·2 | 89·8 | +0·7 | 71·2 | +2·6 | 95·2 | 66·2 | 69 | +3 | 2·1 | 1 | +0·9 | 0·93 | +0·86 | 0·87 |
| Calicut (27) | 29·886 | —·019 | S 76° E | 3·8 | 75·9 | 72·5 | 86·7 | —0·7 | 72·5 | +2·2 | 88·6 | 66·5 | 84 | +6 | 4·6 | 3 | +2·5 | 1·59 | +1·22 | 0·76 |
| Cochin (9) | 28·896 | —·020 | N 60° E | 2·1 | 77·5 | 72·2 | 89·4 | +0·1 | 73·6 | +1·8 | 93·8 | 68 8 | 76 | +3 | 3·8 | 4 | +3·3 | 8·32 | +7·73 | 5·25 |
| Trivandrum (198) | 29·696 | —·009 | N 56° E | 2·1 | 77·0 | 72·9 | 85·4 | +1·7 | 74·7 | +2·2 | 87·4 | 70·8 | 81 | +4 | 6·1 | 2 | +0·6 | 0·37 | —0·26 | 0·20 |
| Pamban (37) | 29·868 | —·046 | N 7° E | 10·2 | 77·7 | 74·3 | 83·9 | +1·2 | 74·4 | —0·1? | 85·3 | 73·3 | 85 | 0 | 3·5 | 8 | +5·0 | 6·54 | +4·78 | 3·11 |
| Madura (447) | 29·487 | —·023 | N 25° E | 4·2 | 75·8 | 72·1 | 86·3 | —1·1 | 71·0 | +2·2 | 90·1 | 66·0 | 83 | +6 | 6·7 | 7 | +6·1 | 8·86 | +8·41 | 6·00 |
| Pudukkottai (318) | 29·625 | —·017 | N 24° E | 4·3 | 74·6 | 71·0 | 84·6 | —2·2 | 70·7 | +3·0 | 89·5 | 65·4 | 83 | 0 | 6·5 | 9 | +7·6 | 7·98 | +7·15 | 2·37 |
| Negapatam (31) | 29·899 | —·027 | N 11° E | 10·5 | 76·6 | 72·5 | 82·3 | —0·1 | 73·2 | +1·8 | 84·9 | 67·9 | 81 | 0 | 5·8 | 10 | +7·6 | 8·59 | +6·98 | 2·40 |

*N.B.*—Elevations in italics indicate barometrical determinations

# TABLE B.—JANUARY 1921—*contd.*

## *Abstract of 8 hrs. observations.*

| Station and height of barcistern above sea-level in feet. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV.—Madras—*concld.*** | | | | | | | | | | | | | | | | | | | | |
| Trichinopoly (255) | 29·684 | —·029 | N 14° E | 2·8 | 75·6 | 72·4 | 86·0 | —1·5 | 70·4 | +2·9 | 90·5 | 64·4 | 85 | +6 | 5·9 | 8 | +7·0 | 8·02 | +7·48 | 4·32 |
| Coimbatore (1,341) | 28·609 | —·004 | N 50° E | 2·5 | 73·1 | 69·1 | 85·3 | —1·4 | 67·8 | +3·4 | 89·8 | 60·7 | 81 | —3 | 4·0 | 5 | +4·1 | 4·38 | +3·83 | 1·46 |
| Salem (913) | 29·022 | —·022 | N 45° E | 3·1 | 72·5 | 68·7 | 86·8 | —1·8 | 66·9 | +2·5 | 91·9 | 58·3 | 81 | +4 | 4·5 | 5 | +4·5 | 2·24 | +1·94 | 1·32 |
| Cuddalore (37) | 29·915 | —·020 | N 12° W | 6·0 | 75·1 | 72·6 | 82·4 | —0·9 | 71·7 | +3·7 | 87·3 | 66·2 | 88 | 0 | 6·5 | 9 | +7·2 | 14·89 | +13·67 | 4·70 |
| Vellore (707) | 29·243 | —·026 | Calm | 1·4 | 70·6 | 68·7 | 84·0 | —0·7 | 67·2 | +2·2 | 87·5 | 57·5 | 90 | +5 | 4·2 | 7 | +5·4 | 5·76 | +4·38 | 1·46 |
| Madras (22) | 29·936 | —·026 | N 6° W | 3·3 | 75·9 | 72·7 | 84·4 | —0·3 | 71·4 | +3·8 | 87·6 | 65·5 | 85 | +1 | 5·3 | 6 | +4·5 | 5·46 | +4·32 | 2·32 |
| Cuddapah (428) | 29·536 | —·013 | S 62° E | .. | 73·9 | 68·6 | 88·9 | 0 | 67·1 | +1·7 | 93·4 | 59·5 | 75 | 0 | 4·3 | 1 | +0·6 | 0·20 | —0·14 | 0·16 |
| Bellary (1,475) | 28·471 | —·012 | S 42° E | 2·9 | 71·4 | 63·2 | 90·3 | +2·1 | 63·7 | +2·1 | 95·3 | 58·2 | 62 | —2 | 0·8 | 1 | +0·8 | 0·17 | +0·07 | 0·17 |
| Kurnool (923) | 29·032 | —·009 | E | 1·0 | 68·9 | 63·7 | 90·9 | +2·2 | 63·6 | +3·4 | 94·2 | 54·6 | 74 | +3 | 2·4 | 1 | +0·6 | 0·44 | +0·29 | 0·36 |
| Nellore (66) | 29·903 | —·018 | N 4° E | 1·5 | 73·6 | 70·9 | 85·0 | —0·9 | 69·6 | +2·6 | 88·7 | 65·1 | 86 | —1 | 4·4 | 4 | +2·7 | 0·89 | —0·69 | 0·28 |
| Masulipatam (15) | 29·979 | —·015 | N 37° E | 4·4 | 72·6 | 69·8 | 84·6 | +1·1 | 67·3 | +1·4 | 87·1 | 63·1 | 86 | 0 | 4·7 | 2 | +1·7 | 1·10 | +0·89 | 0·95 |
| Cocanada (26) | 29·981 | —·001 | N 30° E | 6·7 | 72·4 | 69·0 | 81·0 | —0·6 | 68·1 | +1·8 | 82·5 | 62·3 | 83 | +6 | 4·9 | 2 | +1·7 | 3·28 | +3·13 | 3·08 |
| Vizagapatam (38) | 29·966 | —·002 | N 22° W | 4·5 | 72·3 | 68·1 | 80·3 | —0·5 | 69·3 | +1·4 | 83·0 | 62·5 | 80 | +8 | 4·4 | 2 | +1·5 | 1·74 | +1·21 | 1·21 |
| Calingapatam (19) | 29·988 | .. | N 34° W | 4·8 | 68·4 | 65·3 | 81·5 | .. | 64·2 | .. | 85·4 | 57·1 | 84 | .. | 3·4 | 1 | +0·3 | 1·36 | +1·13 | 1·26 |
| Gopalpur (56) | 29·964 | +·010 | N 8° E | 4·9 | 66·9 | 64·2 | 79·9 | —0·3 | 63·1 | +0·9 | 84·4 | 57·7 | 85 | +5 | 3·1 | 3 | +2·6 | 3·09 | +2·88 | 1·26 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser (8) | 29·989 | .. | N 30° E | .. | 73·7 | 67·7 | .. | .. | .. | .. | .. | .. | 72 | .. | 2·2 | 1 | +0·4 | 0·84 | +0·60 | 0·84 |
| Port Blair (58) | 29·830 | —·038 | N 59° E | 5·8 | 80·3 | 74·9 | 85·9 | —0·5 | 77·5 | +1·9 | 88·4 | 70·5 | 76 | —5 | 4·5 | 1 | —1·0 | 0·52 | —1·10 | 0·44 |
| Table Island (90) | 29·841 | —·026 | N 44° E | 7·5 | 79·1 | 73·1 | 83·5 | 0 | 76·7 | +1·8 | 86·5 | 74·3 | 74 | 0 | 3·7 | 0 | —0·7 | 0 | —0·86 | 0 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | 27·662 | .. | S | 2·2 | 44·3 | 42·3 | 60·7 | .. | 40·1 | .. | 68·8 | 35·5 | 84 | .. | 4·1 | 5 | —2·0 | 3·19 | —1·39 | 1·85 |
| Srinagar (5,204) | 25·001 | +·045 | S 10° E | 1·8 | 30·7 | (x) 32·9 | 38·8 | —1·8 | 28·4 | +1·9 | 50·1 | 15·3 | (x) 89 | 0 | 9·7 | 7 | +0·8 | 4·29 | +1·40 | 1·85 |
| Gulmarg (*8,569*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dras (*10,959*) | 20·779 | +·040 | W | 1·8 | 2·2 | .. | 19·4 | +0·2 | —5·5 | +5·1 | 29·1 | —20·[illegible] | .. | .. | 8·5 | 12 | +3·1 | 4·38 | +1·40 | 1·35 |
| Leh (*11,503*) | 19·637 | +·021 | N 23° E | 1·1 | 13·3 | .. | 30·6 | +0·3 | 10·1 | +1·6 | 41·1 | —2·0 | .. | .. | 4·8 | 0 | —1·1 | 0·17 | —0·21 | 0·09 |
| Skardu (*7,505*) | 22·937 | +·015 | S 38° E | 1·8 | 23·8 | .. | 35·0 | +0·5 | 21·1 | +4·5 | 42·3 | 16·2 | .. | .. | 7·2 | 1 | —1·9 | 0·29 | —0·73 | 0·12 |
| Gilgit (4,890) | 25·315 | +·070 | S 56° W | 0·4 | 35·7 | (c) 34·3 | 48·1 | +2·5 | 32·1 | +0·1 | 54·6 | 29·2 | (c) 68 | +3 | 6·2 | 0 | —0·9 | 0·10 | —0·15 | 0·09 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman (4,614) | 25·484 | .. | S 56° E | 2·7 | 33·8 | (c) 34·0 | 57·5 | .. | 30·1 | .. | 66·3 | 22·8 | (c) 56 | .. | 3·0 | 0 | —2·6 | 0·03 | —0·79 | 0·03 |
| Quetta (5,502) | 24·683 | +·029 | S 24° W | 1·8 | 28·5 | (c) 34·7 | 51·8 | +0·9 | 24·6 | —4·1 | 64·3 | 17·3 | (c) 79 | —3 | 3·8 | 3 | —1·8 | 0·59 | —1·42 | 0·26 |
| Chaman (4,311) | 25·724 | —·002 | S 62° E | 2·1 | 38·1 | (s) 38·6 | 54·0 | +1·5 | 34·0 | —1·6 | 69·7 | 26·5 | (s) 60 | —11 | 4·5 | 4 | 0 | 1·20 | —0·33 | 0·47 |
| Kalat (6,630) | 23·705 | .. | S 20° W | 3·9 | 26·0 | (c) 36·2 | 51·2 | +0·5 | .. | .. | 60·2 | .. | (c) 78 | +7 | 2·9 | 0 | —3·6 | 0·05 | —1·26 | 0·03 |
| Dalbandin (2,772) | 27·217 | .. | N 32° E | 3·4 | 38·1 | (r) 39·8 | 62·7 | .. | 31·7 | .. | 77·6 | 22·5 | (r) 63 | .. | 3·3 | 1 | —0·3 | 0·37 | —0·21 | 0·31 |
| Pasni | 30·067 | .. | N 32° W | (x) 3·8 | 58·6 | 52·4 | 77·0 | .. | 54·0 | .. | 85·9 | 47·0 | 64 | .. | 1·7 | 1 | —0·7 | 0·18 | —0·94 | 0·15 |
| Panjgur (3,177) | 26·815 | .. | N 66° E | 5·5 | 39·5 | (m) 36·6 | 63·7 | .. | 36·2 | .. | 73·8 | 27·2 | (m) 72 | .. | 2·9 | 0 | .. | 0 | .. | 0 |
| Seistan | 28·355 | .. | N 40° W | 4·2 | 34·5 | (s) 36·4 | 58·6 | .. | 31·3 | .. | 76·8 | 24·9 | (s) 80 | .. | 2·1 | 1 | .. | 0·22 | .. | 0·20 |

*N.B.*—Elevations in italics indicate barometrical determinations.

(c) Mean of 8 days.
(s) Mean of 15 days.
(r) Mean of 16 days.
(m) Mean of 21 days.
(x) Mean of 10 days.

# TABLE B.—JANUARY 1921—*concld.*

*Abstract of 8 hrs. observations.*

| Station and height of barometer cistern above sea-level in feet. | Pressure. Mean 8 hrs. pressure reduced to 32° and standard gravity. | Pressure. Departure from normal. | Wind. Resultant direction. | Wind. Mean velocity, miles per hour. | Temperature. Mean of 8 hrs. dry bulb. | Temperature. Mean of 8 hrs. wet bulb. | Temperature. Mean maximum. | Temperature. Departure from normal. | Temperature. Mean minimum. | Temperature. Departure from normal. | Temperature. Highest temperature observed during month. | Temperature. Lowest temperature observed during month. | Humidity. Mean humidity at 8 hrs. | Humidity. Departure from normal. | Mean cloud amount at 8 hrs. | Rainfall. Number of rainy days. | Rainfall. Departure from normal. | Rainfall. Rainfall of month. | Rainfall. Departure from normal. | Rainfall. Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill Stations excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachina (6,000) | 24·453 | —·005 | Calm | 0·3 | 36·1 | 33·5* | 52·1 | +2·4 | 29·0 | +0·3 | 57·4 | 24·3 | 68* | —6 | 2·5 | 1 | —3·6 | 0·42 | —1·84 | 0·27 |
| Cherat (*4,256*) | 25·786 | +·050 | N 10° W | 1·0 | 43·5 | (f) 35·4 | 48·9 | —0·5 | 40·2 | +1·6 | 58·1 | 27·8 | (f) 42 | —15 | 2·1 | 3 | —1·1 | 1·42 | —1·20 | 0·72 |
| Drosh (*a*) (4,500) | 25·193 | .. | E | 3·0 | 35·0 | (n) 32·8 | 45·0 | —3·8 | 32·5 | +1·9 | 52·1 | 25·0 | (p) 73 | —3 | 4·7 | 3 | +0·1 | 0·90 | —0·02 | 0·31 |
| Murree (6,333) | 23·981 | +·009 | S 40° E | 4·0 | 40·2 | (d) 35·2 | 47·4 | +1·0 | 36·9 | +2·5 | 54·2 | 29·6 | (l) 55 | —7 | 4·7 | 2 | —4·0 | 0·71 | —3·28 | 0·34 |
| Simla (7,232) | 23·094 | +·037 | .. | .. | 39·5 | (n) 34·6 | 46·8 | +1·1 | 36·3 | +1·2 | 54·9 | 29·6 | (n) 52 | —1 | 5·4 | 4 | —0·8 | 4·02 | +1·23 | 1·53 |
| Sarain | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kalabagh | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chakrata (6,922) | 23·396 | +·032 | N 60° E | 6·2 | 41·6 | (f) 36·6 | 51·0 | +0·3 | 36·8 | +0·9 | 63·3 | 27·6 | (f) 60 | +1 | 3·9 | 4 | —1·3 | 5·47 | +1·04 | 2·50 |
| Mukteswar (7,592) | 22·843 | +·039 | S 53° E | 7·4 | 40·2 | (k) 35·5 | 50·7 | +0·9 | 33·1 | —2·2 | 59·7 | 24·8 | (k) 57 | +2 | 4·3 | 5 | +1·1 | 4·19 | +1·98 | 1·23 |
| Darjiling (7,432) | 22·954 | +·038 | S 79° E | 1·6 | 39·0 | (i) 37·0 | 49·2 | +2·6 | 36·2 | +1·5 | 57·2 | 30·6 | (i) 76 | —5 | 3·4 | 5 | +3·6 | 3·85 | +3·24 | 1·43 |
| Kalimpong | 26·113 | .. | .. | .. | 49·8 | 46·3 | 60·4 | .. | 46·2 | .. | 67·4 | 39·8 | 77 | .. | 3·2 | ? | .. | ? | .. | ? |
| Shillong (4,920) | 25·218 | +·076 | S 45° W | 0·8 | 47·7 | 44·1 | 61·0 | +0·4 | 40·3 | +1·8 | 67·7 | 31·1 | 76 | +6 | 3·1 | 3 | +2·2 | 1·59 | +1·22 | 0·70 |
| Cherrapunji (4,309) | 25·725 | +·024 | N 45° E | 2·0 | 53·0 | 48·5 | 62·3 | +2·9 | 51·2 | +5·5 | 71·6 | 44·8 | 73 | +1 | 2·1 | 3 | +1·7 | 1·11 | +0·57 | 0·51 |
| Netarhat (*d*) | .. | .. | N 59° W | (d) 5·8 | 59·9 | 50·5 | 70·5 | .. | (c) 48·1 | .. | 79·8 | 37·3 | 51 | .. | 1·8 | 1 | .. | 1·60 | .. | 1·60 |
| Maymyo (3,546) | 26·462 | +·016 | S 45° W | 1·1 | 46·7 | 46·0 | 73·1 | +2·3 | 43·2 | +4·5 | 77·8 | 36·6 | 94 | +6 | 2·9 | 1 | +0·6 | 0·56 | +0·45 | 0·56 |
| Pachmarhi (3,529) | 26·511 | +·007 | S 67° E | 3·4 | 58·3 | 51·1 | 74·6 | +2·9 | 49·9 | +2·4 | 81·5 | 37·1 | 62 | +1 | 1·4 | 1 | —0·2 | 0·28 | —0·27 | 0·20 |
| Mount Abu (3,945) | 26·117 | +·040 | N 27° W | 3·1 | 58·7 | 45·6 | 66·9 | +1·0 | 51·4 | +0·4 | 74·4 | 42·9 | 32 | —11 | 1·3 | 0 | —0·6 | 0 | —0·28 | 0 |
| Mercara (3,781) | 26·210 | —·012 | N 68° E | 3·4 | 62·3 | 61·8 | 78·5 | +0·7 | 57·6 | +0·6 | 81·0 | 52·9 | 97 | +18 | 6·2 | 3 | +2·7 | 0·54 | +0·37 | 0·22 |
| Ootacamund (*7,327*) | 23·031 | +·011 | S 44° E | 3·9 | 55·6 | 48·6 | 64·7 | —0·2 | 47·7 | +4·5 | 72·0 | 38·7 | 31 | —25 | 5·1 | 7 | +5·4 | 2·02 | +1·49 | 0·83 |
| Kodaikanal (7,688) | 22·792 | —·007 | N 73° E | 9·6 | 54·5 | 48·7 | 62·4 | —0·6 | 48·2 | +1·1 | 69·7 | 42·0 | 70 | +11 | 6·0 | 11 | +7·3 | 13·58 | +11·15 | 6·91 |
| **Extra India.** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee (99) | 29·801 | —·025 | N 60° E | 6·3 | 76·6 | 74·3 | 82·5 | —0·9 | 74·9 | +0·6 | 87·8 | 69·9 | 90 | +5 | 8·4 | 15 | +7·6 | 24·76 | +19·18 | 8·03 |
| Colombo (24) | 29·857 | —·028 | N 41° E | 3·5 | 73·8 | 72·0 | 86·0 | —1·6 | 73·4 | +1·2 | 91·6 | 69·4 | 91 | +11 | 6·5 | 12 | +7·2 | 7·93 | +4·43 | 2·61 |
| Hambantota (64) | 29·812 | .. | N 10° E | 7·4 | 74·0 | 72·3 | 83·9 | —0·9 | 73·3 | +1·3 | 88·1 | 68·4 | 92 | .. | 5·2 | 9 | .. | 5·55 | +2·20 | 1·40 |
| Minicoy (7) | 29·933 | +·023 | N 39° E | 1·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·6 | 3 | +0·5 | 1·48 | —0·22 | 0·61 |
| Amini Divi (*13*) | 29·901 | —·026 | N 24° E | 3·5 | 82·1 | 75·7 | 88·6 | +3·2 | 74·7 | +0·5 | 91·0 | 69·5 | 73 | 0 | 3·5 | 3 | +2·2 | 1·21 | +0·75 | 0·46 |
| Gyantse (13,110) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pharijong (14,400) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gangtok (5,760) | 24·309 | —·159 | S 6° E | ? | 44·5 | 41·3 | 58·8 | +1·3 | 41·0 | +8·8 | 66·1 | 36·5 | 78 | 0 | 4·0 | 5 | +2·3 | 2·64 | +1·73 | 1·20 |
| Gartok (*a*) (15,100) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgar (*a*) (4,255) | 25·727 | +·017 | Calm | 0·2 | 12·0 | .. | 32·3 | —1·1 | 9·1 | —2·7 | 43·3 | 1·8 | .. | .. | 3·3 | 1 | +0·1 | 0·13 | —0·06 | 0·10 |
| Kabul (*a*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed (3,104) | .. | .. | S 68° W | .. | 28·7 | (h) 36·4 | 47·9 | +4·3 | 25·1 | +2·8 | 68·9 | 19·2 | 94 | +11 | 3·5 | 1 | —0·9 | 0·29 | —0·42 | 0·18 |
| Jask (13) | 30·066 | +·025 | N 10° E | 7·5 | 62·9 | 57·7 | 75·9 | +2·1 | 55·2 | —5·4 | 78·3 | 45·0 | 71 | —1 | 3·2 | 0 | —2·2 | 0 | —0·89 | 0 |
| Muscat (20) | 30·080 | +·019 | N 45° W | 2·6 | 67·6 | 61·3 | 76·8 | +3·3 | 64·9 | —2·2 | 80·5 | 61·3 | 68 | 0 | 3·0 | 1 | —0·9 | 0·17 | —0·91 | 0·15 |
| Bushire (14) | 30·091 | +·024 | N 24° W | 6·6 | 55·1 | 52·5 | 63·6 | —0·8 | 51·6 | +0·2 | 76·2 | 46·9 | 83 | —2 | 6·1 | 4 | —0·3 | 1·84 | —0·80 | 0·82 |
| Busrah (25) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (*a*) (*5,817*) | 24·232 | +·027 | S 45° W | 0·9 | 27·8 | .. | 46·0 | —1·3 | 25·0 | +1·2 | 57·4 | 19·2 | .. | .. | 2·1 | 2 | +0·1 | 0·41 | —0·26 | 0·22 |
| Tehran (*a*) (*4,002*) | 25·734 | —·138 | N 43° E | 2·8 | 31·0 | .. | 47·6 | +4·0 | 27·2 | +1·1 | 58·5 | 18·0 | .. | .. | 4·0 | 2 | —2·7 | 0·61 | —1·02 | 0·33 |
| Baghdad (125) | 29·988 | —·030 | N 53° W | 5·0 | 43·3 | (b) 41·7 | 57·9 | —1·6 | 40·4 | +2·2 | 68·2 | 30·0 | (b) 84 | +9 | 4·6 | 7 | +4·4 | 1·70 | +0·56 | 0·48 |
| Aden (94) | 29·906 | —·008 | N 41° E | 8·4 | 74·3 | 67·9 | 79·3 | —0·8 | 71·7 | —0·8 | 82·2 | 68·9 | 71 | —5 | 6·8 | 0 | —0·9 | 0 | —0·36 | 0 |
| Zanzibar (72) | 29·843 | +·003 | N 23° E | 5·8 | 81·3 | 76·5 | 85·7 | —0·4 | 78·9 | —0·5 | 87·7 | 74·3 | 79 | —2 | 4·1 | 1 | —4·3 | 1·39 | —1·69 | 1·31 |

*N.B.*—Elevations in italics indicate barometrical determinations. (*a*) Aneroid. (*b*) Mean of 30 days. * Mean of 22 days. (*p*) Mean of 18 days. (*n*) Mean of 20 days. (*i*) Mean of 25 days. (*h*) Mean of 6 days. (*f*) Mean of 28 days. (*l*) Mean of 23 days. (*d*) Mean of 29 days. (*k*) Mean of 23 days. (*c*) Mean of 18 days.

# TABLE B.—FEBRUARY 1921.

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point | 29·718 | .. | N 54° E | 5·4 | 77·0 | 72·9 | 89·7 | | 73·2 | .. | 94·6 | 70·6 | 81 | .. | 4·8 | 1 | +0·7 | 0·12 | +0·05 | 0·12 |
| Mergui | 29·824 | —·030 | S 61° E | 3·6 | 74·9 | 72·1 | 89·4 | —0·1 | 71·3 | +1·5 | 92·8 | 65·7 | 5 | 0 | 1·4 | 1 | —1·8 | 0·46 | —1·61 | 0·38 |
| Tavoy | 29·875 | —·043 | N 45° E | 1·1 | 71·6 | 69·1 | 91·5 | +0·3 | 67·0 | —0·6 | 94·0 | 59·2 | 87 | —2 | 2·3 | 0 | —0·9 | 0 | —0·51 | 0 |
| Moulmein | 29·836 | —·020 | N 72° E | 2·3 | 72·4 | 67·2 | 90·9 | —0·7 | 66·9 | —1·2 | 94·0 | 59·5 | 75 | —9 | 0·9 | 0 | —0·4 | 0 | —0·17 | 0 |
| Rangoon | 29·893 | —·014 | N 22° E | 3·6 | 68·8 | 63·8 | 91·7 | —0·8 | 66·4 | —0·1 | 96·0 | 61·0 | 75 | —9 | 3·0 | 0 | —0·3 | 0 | —0·25 | 0 |
| Bassein | 29·890 | —·015 | N 34° W | 3·4 | 71·8 | 67·2 | 89·9 | 0 | 63·6 | —2·3 | 91·9 | 57·1 | 78 | —9 | 2·6 | 0 | —0·3 | 0 | —0·31 | 0 |
| Diamond Island | 29·856 | —·033 | N 10° W | 8·1 | 77·2 | 71·8 | 84·0 | 0 | 72·8 | —0·1 | 88·0 | 69·9 | 76 | +1 | 6·7 | 0 | —0·2 | 0 | —0·18 | 0 |
| Toungoo | .. | .. | N 14° E | 1·2 | 65·8 | 62·4 | 90·0 | —0·4 | 58·3 | —2·8 | 95·1 | 51·0 | 82 | —2 | 0·4 | 0 | —0·3 | 0 | —0·19 | 0 |
| Kyaukpyu | 29·898 | .. | N 45° W | 0·7 | 70·4 | 66·5 | 80·6 | .. | 63·6 | .. | 86·2 | 58·4 | 80 | .. | 3·0 | 0 | —0·4 | 0 | —0·13 | 0 |
| Akyab | 29·886 | —·041 | N 27° E | 2·6 | 65·2 | 61·8 | 83·1 | —1·4 | 58·5 | —2·9 | 88·0 | 52·0 | 81 | —3 | 1·3 | 0 | —0·3 | 0 | —0·13 | 0 |
| Minbu | 29·746 | —·024 | N 61° W | 2·5 | 66·2 | 57·9 | 89·7 | —0·8 | 60·2 | —1·0 | 99·3 | 53·5 | 57 | —8 | 2·6 | 0 | —0·2 | 0 | —0·08 | 0 |
| Yamethin (a) | 29·250 | —·019 | .. | .. | 66·6 | 57·5 | 90·1 | —1·4 | 58·7 | —1·4 | 95·3 | 50·4 | 55 | —16 | 0·2 | 0 | —0·4 | 0 | —0·25 | 0 |
| Mandalay | 29·667 | —·017 | S | 2·8 | 66·9 | 59·0 | 90·4 | +0·5 | 58·9 | —1·4 | 96·0 | 52·5 | 60 | —9 | 1·4 | 0 | —0·2 | 0 | —0·07 | 0 |
| Monywa | 29·656 | —·014 | S 8° W | 1·1 | 66·5 | 60·1 | 87·7 | +0·5 | 59·9 | +0·2 | 93·8 | 53·2 | 68 | —6 | 0·6 | 0 | —0·1 | 0 | —0·02 | 0 |
| Lashio | 27·107 | —·008 | Calm | 2·5 | 54·6 | 51·0 | 76·9 | —1·7 | 47·8 | —1·1 | 82·1 | 41·0 | 78 | —4 | 2·3 | 1 | 0 | 0·18 | —0·13 | 0·18 |
| Bhamo | 29·555 | —·011 | Calm. | 0·4 | 56·5 | 55·6 | 79·6 | —1·3 | 52·2 | —0·6 | 87·1 | 44·5 | 94 | +5? | 8·5 | 1 | —0·3 | 0·48 | +0·03 | 0·40 |
| Myitkyina | 29·463 | —·008 | N 30° E | 3·1 | 58·7 | 56·1 | 78·2 | —0·1 | 53·1 | —0·6 | 84·7 | 46·8 | 84 | —2 | 1·9 | 1 | —1·4 | 0·36 | —0·44 | 0·23 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·606 | —·039 | S 73° E | 0·7 | 57·8 | 56·3 | 73·3 | +1·1 | 54·4 | +0·5 | 81·9 | 48·7 | 91 | —1 | 5·1 | 6 | +0·3 | 1·94 | —0·33 | 0·52 |
| Sibsagar | 29·627 | —·038 | N 53° E | 0·6 | 56·2 | 55·2 | 72·2 | —0·6 | 53·3 | +0·1 | 84·2 | 47·0 | 93 | —4 | 8·9 | 6 | +0·7 | 1·06 | —0·93 | 0·30 |
| Tezpur | 29·729 | —·004 | N 66° E | 1·7 | 58·1 | 56·1 | 76·9 | +1·1 | 55·7 | +0·9 | 85·2 | 50·3 | 88 | 0 | 2·8 | 1 | —1·9 | 0·44 | —0·76 | 0·42 |
| Gauhati | 29·778 | —·025 | S 84° E | 0·9 | 59·1 | 57·6 | 78·0 | +0·3 | 53·0 | +1·1 | 85·5 | 45·7 | 91 | +2 | 7·6 | 2 | —0·7 | 0·83 | —0·60 | 0·52 |
| Dhubri | 29·829 | —·029 | N 75° E | 4·2 | 60·3 | 57·5 | 77·0 | —0·6 | 55·8 | +0·3 | 86·0 | 48·0 | 83 | —1 | 1·5 | 1 | —0·5 | 0·23 | —0·54 | 0·23 |
| Silchar | 29·889 | +·003 | N 81° E | 1·3 | 66·0 | 61·4 | 81·5 | +1·0 | 55·2 | —0·3 | 88·7 | 45·8 | 75 | —11 | 0·9 | 0 | —3·6 | 0·18 | —1·95 | 0·08 |
| Srimangal | 29·799 | .. | | | 55·4 | 53·9 | 83·9 | +1·3 | 47·5 | —4·6 | 90·7 | 35·4 | 90 | +3 | 1·5 | 2 | —0·7 | 0·58 | —1·06 | 0·48 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·890 | .. | N 59° E | 1·4 | 65·7 | 62·4 | 82·1 | .. | 59·2 | .. | 89·2 | 53·8 | 82 | .. | 0·9 | 0 | —0·4 | 0 | —0·10 | 0 |
| Chittagong | 29·859 | —·019 | N 53° E | 1·9 | 62·8 | 60·2 | 81·7 | —0·5 | 57·5 | —1·2 | 89·2 | 48·9 | 85 | +2 | 2·5 | 0 | —1·2 | 0 | —1·04 | 0 |
| Noakhali | 29·913 | —·010 | N 21° E | 2·1 | 67·3 | 63·3 | 80·6 | —0·2 | 60·5 | +3·2? | 87·8 | 50·8 | 79 | —6 | 2·5 | 1 | —0·9 | 0·26 | —0·99 | 0·24 |
| Barisal | 29·914 | —·034 | S 64° W | 1·7 | 66·1 | 63·3 | 82·1 | +0·6 | 59·6 | +0·2 | 87·9 | 49·6 | 85 | +1 | 2·5 | 1 | —0·9 | 0·24 | —0·87 | 0·21 |
| Narayanganj | 29·915 | —·028 | S 13° E | 1·3 | 65·1 | 60·9 | 81·6 | 0 | 59·9 | +1·4 | 89·5 | 52·8 | 77 | —6 | 2·7 | 1 | —1·0 | 0·48 | —0·88 | 0·41 |
| Mymensingh | 29·871 | —·030 | Calm. | 0·3 | 60·4 | 57·2 | 81·2 | +2·6 | 56·7 | +0·9 | 88·5 | 48·0 | 81 | —2 | 0·8 | 0 | —1·7 | 0 | —0·99 | 0 |
| Bogra | 29·866 | —·031 | S 56° E | 0·7 | 60·8 | 57·7 | 81·3 | +1·4 | 54·8 | +0·4 | 90·4 | 46·8 | 82 | +4 | 0·2 | 0 | —1·7 | 0·04 | —0·87 | 0·04 |
| Dinajpur | 29·804 | —·039 | S 15° E | 1·3 | 60·0 | 56·3 | 80·9 | +1·6 | 52·7 | +0·4 | 89·3 | 44·0 | 78 | —2 | 0·6 | 0 | —1·3 | 0 | —0·60 | 0 |
| Jalpaiguri | 29·643 | —·038 | S 45° E | 0·3 | 58·9 | 56·5 | 78·1 | +1·9 | 54·8 | +2·0 | 85·7 | 46·0 | 86 | +1 | 0·2 | 1 | —0·3 | 0·22 | —0·51 | 0·22 |
| Saugor Island | 29·928 | —·027 | N 68° W | 5·7 | 70·3 | 66·5 | 80·5 | —0·4 | 64·5 | —0·5 | 83·0 | 53·0 | 81 | —5 | 2·1 | 0 | —1·8 | 0 | —1·13 | 0 |
| Midnapore | 29·781 | —·04 | N 34° E | 1·9 | 65·3 | 58·9 | 85·3 | —0·1 | 60·2 | —0·9 | 93·6 | 51·1 | 65 | —3 | 2·1 | 2 | +0·1 | 0·48 | —0·80 | 0·30 |
| Calcutta | 29·915 | —·033 | S 79° W | 2·8 | 64·2 | 61·6 | 82·9 | +0·9 | 60·5 | +0·5 | 90·1 | 52·0 | 85 | +4 | 2·4 | 2 | +0·3 | 0·49 | —0·65 | 0·33 |
| Jessore | 29·911 | —·029 | S 45° W | 0·9 | 63·2 | 59·2 | 81·0 | —1·2 | 57·8 | +0·6 | 89·1 | 47·5 | 78 | —3 | 2·6 | 1 | —0·9 | 0·82 | —0·58 | 0·80 |
| Burdwan | 29·832 | —·044 | N 48° W | 0·6 | 63·0 | 58·6 | 83·8 | +0·6 | 57·9 | —0·7 | 91·8 | 51·4 | 75 | +4 | 2·4 | 1 | —0·8 | 0·17 | —1·11 | 0·09 |
| Berhampore | 29·885 | —·022 | S 42° W | 1·1 | 63·7 | 58·9 | 81·5 | +0·1 | 56·6 | +0·2 | 90·1 | 48·2 | 73 | —7 | 3·3 | 1 | —0·8 | 0·11 | —0·82 | 0·11 |

(a) = Mean of 27 days.

# TABLE B.—FEBRUARY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·889 | —·033 | N 31° W | 2·1 | 66·0 | 62·4 | 85·7 | +1·1 | 60·0 | —1·5 | 91·2 | 50·0 | 81 | +4 | 0·8 | 1 | —1·3 | 0·56 | —0·92 | 0·52 |
| Hukitala (False Point) | 29·914 | —·023 | W | 5·6 | | | | | | | | | | .. | 2·9 | 1 | —0·4 | 0·26 | —0·74 | 0·17 |
| Cuttack | 29·859 | —·024 | S 75° W | 1·1 | 67·0 | 63·9 | 86·1 | —3·1? | 63·2 | —2·3 | 93·5 | 55·1 | 83 | +3 | 2·0 | 0 | —1·3 | 0·04 | —0·65 | 0·04 |
| Puri | 29·922 | —·016 | N 40° W | 9·4 | 72·8 | 68·0 | 83·1 | +0·1 | 69·6 | +0·6 | 86·9 | 59·8 | 77 | —4 | 2·0 | 0 | —0·8 | 0 | —0·70 | 0 |
| Angul | 29·469 | —·003 | N 48° W | 3·8 | 66·8 | 61·0 | 87·1 | —0·1 | 58·7 | —2·7 | 93·4 | 49·4 | 69 | —7 | 2·5 | 1 | —1·1 | 0·10 | —1·45 | 0·10 |
| Sambalpur | 29·436 | —·036 | N 12° E | 2·2 | 64·1 | 59·1 | 86·9 | —0·2 | 55·8 | —4·1? | 93·2 | 47·7 | 71 | +5 | 0·3 | 0 | —1·7 | 0 | —0·80 | 0 |
| Chaibasa | 29·175 | —·041 | S 45° W | 1·4 | 60·3 | 57·8 | 84·6 | +0·1 | 55·4 | —1·7 | 92·1 | 48·7 | 86 | +10 | 1·1 | 2 | —0·6 | 0·55 | —1·05 | 0·30 |
| Ranchi | 27·758 | —·036 | N 75° W | 3·1 | 60·6 | 51·0 | 76·9 | —0·2 | 54·2 | —0·7 | 85·7 | 46·1 | 49 | —11 | 0·6 | 3 | 0 | 1·35 | —0·39 | 0·69 |
| Purulia | 29·112 | —·029 | N 77° W | 1·4 | 63·5 | 54·2 | 83·5 | +2·0 | 57·5 | —0·1 | 91·9 | 50·7 | 52 | —13 | 0·7 | 2 | —0·9 | 0·44 | —1·12 | 0·23 |
| Daltonganj | 29·204 | —·031 | S 45° E | 2·1(a) | 55·3 | (a) 51·0 | 81·5 | +2·5 | 48·4? | —3·0 | 91·5 | 41·9 | (a) 72 | —3 | 0·9 | 1 | —1·4 | 1·08 | —0·14 | 1·05 |
| Purnea | 29·813 | —·034 | S 23° E | 2·1 | 59·3 | 55·1 | 80·8 | +2·1 | 50·4 | —0·9 | 89·7 | 40·3 | 75 | —9 | 1·5 | 0 | —1·3 | 0·01 | —0·62 | 0·01 |
| Monghyr | 29·768 | .. | S 24° W | 3·3 | 60·2 | 54·4 | 80·4 | .. | 55·3 | .. | 90·2 | 47·9 | 67 | .. | 0·4 | 0 | —1·6 | 0 | —1·10 | 0 |
| Darbhanga | 29·773 | —·028 | S 45° E | 1·2 | 58·6 | 55·9 | 79·0 | +2·4 | 51·2 | —2·3 | 88·0 | 42·3 | 79 | 0 | 0·4 | 0 | —1·4 | 0 | —0·55 | 0 |
| Pusa | 29·740 | .. | S 53° W | 2·4 | 57·7 | 53·9 | 81·3 | .. | 50·4 | .. | 90·0 | 42·3 | 77 | .. | 0·3 | 0 | —2·1 | 0 | —0·89 | 0 |
| Patna | 29·757 | —·024 | S 24° W | 1·9 | 64·5 | 55·2 | 79·7 | +2·1 | 54·5 | +0·7 | 88·5 | 46·7 | 52 | —17 | 0·4 | 0 | —1·5 | 0·03 | —0·70 | 0·03 |
| Buxar | 29·689 | —·041 | S 45° W | 3·3 | 58·2 | 51·7 | 82·0 | +3·7 | 53·9 | —0·1 | 91·4 | 47·9 | 62 | —4 | 1·4 | 0 | —1·8 | 0·02 | —0·71 | 0·02 |
| Gaya | 29·574 | —·024 | S 80° W | 1·7 | 64·7 | 54·5 | 81·8 | +1·3 | 56·2 | +0·4 | 91·5 | 48·6 | 48 | —21 | 0·9 | 1 | —0·8 | 0·20 | —0·69 | 0·15 |
| Naya Dumka | 29·443 | —·025 | Calm | 1·1 | 65·2 | 55·8 | 81·4 | +1·7 | 54·8 | —1·0 | 90·0 | 46·0 | 52 | —13 | 0·5 | 0 | —1·9 | 0·08 | —0·64 | 0·08 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·672 | —·026 | W | 2·0 | 59·2 | 53·1 | 79·5 | +2·1 | 50·2 | —2·0 | 88·9 | 42·8 | 65 | —7 | 0·3 | 0 | —1·8 | 0 | —0·57 | 0 |
| Benares | 29·669 | —.034 | S 63° W | 1·7 | 60·7 | 52·6 | 81·4 | +2·0 | 50·4 | —1·2 | 92·0 | 42·7 | 55 | —20 | 0·6 | 0 | —1·8 | 0·06 | —0·63 | 0·06 |
| Allahabad | 29·642 | —·022 | N 85° W | 2·0 | 59·2 | 51·3 | 81·8 | +2·3 | 51·5 | —0·2 | 93·9 | 44·1 | 55 | —13 | 1·1 | 0 | —1·4 | 0·04 | —0·51 | 0·04 |
| Cawnpore | 29·523 | —·025 | S 90° W | 2·2 | 56·8 | 50·1 | 79·9 | +2·3 | 51·5 | +0·6 | 92·5 | 44·3 | 60 | —10 | 0·3 | 0 | —1·7 | 0 | —0·67 | 0 |
| Lucknow | 29·552 | —·045 | S 67° W | 0·4 | 56·2 | 49·9 | 80·1 | +1·7 | 50·3 | —0·4 | 94·8 | 44·0 | 62 | —7 | 1·1 | 0 | —1·5 | 0 | —0·63 | 0 |
| Bahraich | 29·504 | —·039 | N 76° E | 1·7 | 55·6 | 50·8 | 79·1 | +2·8 | 50·5 | +0·1 | 87·3 | 41·2 | 70 | —7 | 0·6 | 0 | —2·2 | 0 | —0·98 | 0 |
| Jhansi | 29·104 | —·049 | S 53° W | 3·3 | 60·0 | 51·2 | 83·2 | +2·5 | 52·2 | —3·4 | 96·6 | 42·8 | 51 | —5 | 0·7 | 0 | —1·2 | 0·08 | —0·39 | 0·06 |
| Agra | 29·389 | —·026 | S 51° W | 2·1 | 66·1 | 53·7 | 81·5 | +3·8 | 53·7 | +1·5 | 93·3 | 45·1 | 40 | —23 | 1·1 | 0 | —1·1 | 0 | —0·49 | 0 |
| Mainpuri | 29·417 | —·027 | N 75° W | 1·6 | 56·7 | 49·5 | 80·5 | +4·0 | 49·8 | +0·3 | 92·0 | 41·1 | 57 | —13 | 1·3 | 0 | —1·6 | 0 | —0·72 | 0 |
| Bareilly | 29·341 | —·035 | S 73° W | 0·7 | 56·7 | 51·5 | ? | ? | 52·5* | +1·4* | 0 | 46·5 | 68 | —7 | 2·3 | 0 | —1·8 | 0 | —0·93 | 0 |
| Roorkee | 29·001 | —·035 | N 37° W | 2·3 | 51·9 | 48·6 | 74·9 | +2·1 | 46·7 | —0·3 | 83·5 | 37·0 | 77 | —2 | 2·3 | 0 | —2·7 | 0·03 | —1·50 | 0·02 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 29·196 | —·044 | N 60° W | 2·3 | 56·0 | 47·6 | 77·4 | +2·6 | 52·2 | +0·7 | 87·2 | 45·6 | 49 | —14 | 1·5 | 0 | —1·7 | 0 | —0·80 | 0 |
| Hissar | 29·209 | —·031 | S 54° W | 4·0 | 52·7 | 43·3 | 81·2 | +6·7 | (b) 46·5 | (b) —0·1 | 93·3 | 37·0 | 41 | —30? | 1·4 | 0 | —1·1 | 0 | —0·38 | 0 |
| Patiala | 29·073 | —·053 | N 34° W | 4·5 | 53·3 | 47·5 | 77·3 | +6·1 | 48·5 | +1·2 | 87·6 | 39·6 | 64 | —11 | 1·3 | 0 | —2·3 | 0 | —1·44 | 0 |
| Ambala | 29·005 | —·040 | N 8° E | 4·3 | 53·6 | 47·3 | 77·5 | +5·7 | 49·1 | +2·2 | 88·3 | 40·2 | 59 | —21 | 2·2 | 1 | —2·3 | 0·30 | —1·61 | 0·22 |
| Ludhiana | 29·095 | —·042 | S 52° E | 1·4 | 51·9 | 45·8 | 77·8 | +7·2 | 46·9 | —0·7 | 88·5 | 34·8 | 59 | —17 | 1·0 | 0 | —2·7 | 0 | —1·39 | 0 |
| Lahore | 29·211 | —·052 | N 31° W | 2·5 | 49·6 | 44·5 | 76·7 | +4·6 | 45·3 | +0·8 | 89·0 | 35·3 | 66 | —13 | 2·7 | 0 | —2·3 | 0·01 | —0·99 | 0·01 |
| Sialkot | 29·086 | —·042 | N 15° E | 1·4 | 53·0 | 48·6 | 73·8 | +4·3 | 44·5 | —1·4 | 86·5 | 35·7 | 73 | —4 | 2·1 | 1 | —2·1 | 0·41 | —1·28 | 0·38 |

* Mean of 13 days.

(a) Mean of 26 days.

(b) Mean of 21 days.

# TABLE B.—FEBRUARY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI.—Punjab—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Rawalpindi | 28·246 | —·035 | N 14° W | 2·8 | 50·9 | 45·3 | 70·4 | +5·6 | 43·1 | +1·9 | 84·2 | 35·5 | 64 | —15 | 1·1 | 2 | —1·9 | 1·59 | —0·76 | 0·95 |
| Khushab | 29·343 | —·036 | S | 3·1 | 52·0 | 43·1 | 77·8 | +7·3 | 42·6 | —3·1? | 90·2 | 32·2 | 44 | —22 | 2·9 | 1 | —1·2 | 0·43 | —0·56 | 0·40 |
| Lyallpur | 29·319 | .. | S | 1·7 | 49·7 | 44·8 | 77·7 | .. | 43·9 | .. | 89·5 | 34·0 | 66 | .. | 3·5 | 0 | —1·7 | 0·02 | —0·67 | 0·02 |
| Montgomery | 29·370 | —·053 | N 49° E | 2·1 | 53·3 | 45·2 | 78·6 | +6·1 | 47·0 | +1·6 | 91·9 | 33·3 | 50 | —14 | 1·9 | 0 | —1·5 | 0 | —0·49 | 0·02 |
| Multan | 29·518 | —·051 | N 9° E | 1·1 | 52·9 | 45·3 | 79·7 | +6·1 | 49·4 | +2·1 | 90·4 | 39·7 | 51 | —14 | 1·6 | 0 | —1·3 | 0 | —0·38 | 0 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·866 | —·028 | S 45° W | 0·9 | 46·7 | 42·2 | 71·6 | +5·9 | 42·3 | —0·2 | 86·0 | 33·9 | 68 | —4 | 1·9 | 1 | —2·2 | 0·43 | —1·01 | 0·40 |
| Dera Ismail Khan | 29·386 | —·039 | N 39° W | 1·0 | 51·8 | 44·5 | 76·7 | +5·1 | 45·7 | +1·4 | 88·4 | 34·1 | 53 | —16 | 2·7 | 0 | —1·8 | 0 | —0·71 | 0 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·787 | —·026 | N 45° W | 2·1 | 56·2 | 45·4 | 78·7 | +0·9 | 47·8 | —0·4 | 90·1 | 38·6 | 36 | —20 | 0·6 | 0 | —1·0 | 0 | —0·35 | 0 |
| Hyderabad | 29·876 | —·029 | N 66° W | 3·4 | 57·5 | 50·2 | 85·4 | +4·9 | 52·9 | —1·1 | 97·2 | 45·0 | 55 | —1 | 0·3 | 0 | —0·6 | 0 | —0·30 | 0 |
| Karachi | 29·974 | —·023 | N 11° E | 7·1 | 64·1 | 57·7 | 78·1 | —0·1 | 60·1 | —1·4 | 87·9 | 53·0 | 65 | —1 | 1·1 | 0 | —1·1 | 0 | —0·44 | 0 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 29·172 | —·016 | S 3° W | 3·1 | 57·2 | 46·3 | 82·4 | +6·7 | 50·4 | —2·0 | 94·0 | 40·9 | 37 | —15 | 0·9 | 0 | —0·8 | 0 | —0·31 | 0 |
| Jodhpur | 29·170 | —·013 | N 47° E | 2·3 | 58·2 | 44·5 | 84·5 | +4·5 | 51·7 | —1·3 | 94·5 | 43·7 | 24 | —18 | 1·3 | 0 | —0·6 | 0 | —0·20 | 0 |
| Jaipur | 28·502 | —·024 | N 19° E | 2·5 | 57·8 | 46·5 | 82·6 | +4·6 | 49·8 | —1·6 | 94·3 | 40·6 | 37 | —16 | 1·3 | 0 | —0·8 | 0 | —0·32 | 0 |
| Ajmer | 28·309 | —·039 | S 59° W | 1·6 | 49·7 | 42·3 | 80·7 | +3·4 | 46·1 | —3·5 | 91·6 | 42·0 | 51 | —11 | 0·2 | 0 | —0·8 | 0 | —0·28 | 0 |
| Kotah | 29·087 | —·043 | N 67° W | 1·1 | 64·2 | 50·9 | 84·4 | +2·9 | 55·4 | +0·3 | 95·8 | 46·6 | 34 | —13 | 0·5 | 0 | —0·6 | 0 | —0·36 | 0 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29·486 | —·014 | N 63° E | 5·7 | 59·9 | 48·3 | 90·7 | +4·5 | 51·2 | —3·3 | 101·2 | 44·8 | 36 | —5 | 0·7 | 0 | —0·4 | 0 | —0·15 | 0 |
| Bhuj | 29·624 | —·020 | N 54° W | 3·7 | 64·6 | 58·7 | 86·0 | +2·3 | 51·7 | —5·8 | 95·7 | 39·1 | 69 | +8 | 0·6 | 0 | —0·4 | 0 | —0·16 | 0 |
| Jamnagar | | | S 30° E | 5·8 | 63·9 | 58·4 | 84·2 | +2·1 | 54·2 | —1·6 | 91·1 | 48·6 | 70 | +7 | 0·2 | 0 | —0·3 | 0 | —0·13 | 0 |
| Dwarka | 29·941 | —·033 | N 7° E | 9·9 | 68·6 | 62·6 | 79·4 | +1·3 | 63·6 | +1·6 | 90·0 | 55·0 | 70 | 0 | 1·4 | 0 | —0·6 | 0 | —0·39 | 0 |
| Rajkot | 29·511 | —·037 | N 76° W | 4·6 | 61·8 | 52·8 | 88·9 | +2·3 | 54·2 | +0·2 | 98·6 | 45·2 | 52 | —4 | 0·9 | 0 | —0·3 | 0 | —0·11 | 0 |
| Veraval | 29·934 | —·019 | N 5° W | 6·5 | 64·7 | 55·3 | 83·3 | +1·8 | 60·3 | —0·3 | 96·1 | 53·1 | 53 | —4 | 0·3 | 0 | —0·2 | 0 | —0·05 | 0 |
| Bhavnagar Para | 29·913 | —·012 | N 61° W | 3·7 | 64·0 | 50·3 | 89·9 | +3·3 | 55·0 | —2·9? | 99·6 | 46·0 | 31 | —21? | 0·8 | 0 | —0·3 | 0 | —0·10 | 0 |
| Surat | 29·909 | —·023 | N 39° E | 2·0 | 66·8 | 57·3 | 91·3 | +1·7 | 60·1 | +1·0 | 100·4 | 53·6 | 54 | —8 | 0·5 | 0 | —0·2 | 0 | —0·07 | 0 |
| Ahmadabad | 29·808 | —·008 | N 40° E | 3·6 | 66·6 | 52·5 | 91·2 | +3·8 | 59·3 | —0·2 | 100·3 | 51·8 | 33 | —12 | 0·3 | 0 | —0·3 | 0 | —0·10 | 0 |
| Bombay | 29·884 | —·036 | N 67° E. | 6·0 | 71·4 | 65·4 | 84·4 | +1·6 | 68·8 | +0·4 | 95·6 | 64·4 | 71 | 0 | 1·2 | 0 | —0·1 | 0 | —0·04 | 0 |
| Ratnagiri | 29·686 | —·040 | N 80° E | 6·8 | 75·2 | 64·5 | 86·9 | +0·9 | 67·6 | +0·5 | 100·7 | 59·3 | 54 | —11 | 0·7 | 0 | —0·1 | 0 | —0·02 | 0 |
| Marmagao | 29·844 | —·028 | N 65° E | 6·9 | 73·6 | 70·8 | 84·1 | —0·7 | 70·8 | 0 | 88·7 | 67·4 | 86 | +4 | 2·6 | 0 | —0·1 | 0 | —0·02 | 0 |
| Karwar | 29·863 | —·026 | N | 2·3 | 69·7 | 67·5 | 86·4 | +0·4 | 67·3 | +0·3 | 90·7 | 61·1 | 88 | +5 | 2·0 | 0 | 0 | 0 | —0·01 | 0 |
| Malegaon | 28·485 | —·026 | S 66° W | 3·5 | 63·5 | 48·7 | 91·4 | +1·7 | 52·1 | —2·7 | 98·1 | 45·2 | 28 | —18 | 0·6 | 0 | —0·2 | 0 | —0·07 | 0 |
| Ahmadnagar | 27·772 | —·021 | N 60° W | 4·9 | 68·4 | 52·5 | 90·8 | +2·5 | 55·7 | +0·6 | 97·1 | 47·7 | 29 | —21 | 0 | 0 | —0·3 | 0 | —0·15 | 0 |
| Poona | 28·074 | —·022 | W | (a) 3·9 | 62·3 | 53·3 | 91·3 | +0·4 | 53·5 | —2·7 | 97·2 | 47·9 | 53 | +2 | 3·9 | 0 | —0·1 | 0 | —0·04 | 0 |
| Sholapur | 28·317 | —·024 | S 89° E | 4·3 | 70·8 | 52·8 | 93·6 | +0·4 | 61·5 | —0·7 | 97·7 | 55·9 | 25 | —13 | 0·4 | 0 | —0·1 | 0 | —0·05 | 0 |
| Bijapur | 27·955 | —·022 | N 32° W | 0·8 | 71·4 | 59·7 | 91·4 | +0·4 | 61·6 | — 2·0 | 94·8 | 53·6 | 49 | —4 | 0·6 | 0 | —0·3 | 0 | —0·06 | 0 |
| Belgaum | 27·364 | —·021 | N 52° E | 2·7 | 67·7 | 56·8 | 89·0 | +0·7 | 58·3 | —1·1 | 92·6 | 53·8 | 49 | +1 | 2·4 | 0 | —0·1 | 0 | —0·03 | 0 |

(a) Mean of 26 days.

# TABLE B.—FEBRUARY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 28·304 | —·027 | E | 2·6 | 65·8 | 53·5 | 83·5 | +2·9 | 50·1 | — 1·5 | 95·1 | 42·8 | 42 | —5 | 0·5 | 0 | —0·4 | 0 | —0·20 | 0 |
| Indore | 28·097 | —·024 | N 13° W | 2·4 | 63·6 | 50·8 | 85·9 | +3·1 | 50·9 | —1·0 | 95·6 | 45·8 | 37 | —12 | 0·7 | 0 | —0·5 | 0·02 | —0·15 | 0·02 |
| Nowgong | 29·179 | —·029 | S 30° W | 1·4 | 57·8 | 50·0 | 81·6 | +2·1 | 48·5? | —2·3 | 95·1 | 39·6 | 54 | —11 | 0·8 | 1 | —0·1 | 0·22 | —0·29 | 0·19 |
| Sutna | 28·872 | —·034 | S 45° W | 0·8 | 60·3 | 51·6 | 80·1 | +1·0 | 51·5 | —0·6 | 92·3 | 42·8 | 53 | —6 | 0·4 | 2 | +0·3 | 0·31 | —0·43 | 0·13 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | | | N 37° W | 6·4 | 70·5 | 52·1 | 87·6 | +1·7 | 62·5 | +0·6 | 94·8 | 52·9 | 23 | .. | 1·3 | 0 | —0·5 | 0 | —0·26 | 0 |
| Akola | 29·007 | —·006 | N 27° W | 3·3 | 65·4 | 49·3 | 94·1 | +3·6 | 54·7 | —2·4 | 100·6 | 46·5 | 22 | —21 | 1·2 | 0 | —0·5 | 0 | —0·24 | 0 |
| Amraoti | 28·708 | —·013 | N 61° E | 4·3 | 72·1 | 55·0 | 91·8 | +2·1 | 62·1 | +0·4 | 99·8 | 55·3 | 26 | —20 | 1·1 | 0 | —0·6 | 0·01 | —0·28 | 0·01 |
| Khandwa | 28·876 | —·023 | N 20° W | 3·9 | 63·4 | 50·6 | 91·0 | +2·5 | 53·1 | —2·5 | 99·0 | 46·5 | 33 | —10 | 1·1 | 0 | —0·3 | 0 | —0·12 | 0 |
| Hoshangabad | 28·931 | —·019 | N 57° E | 2·0 | 60·1 | 50·5 | 86·3 | +1·2 | 52·5 | —2·9 | 94·7 | 47·0 | 46 | —9 | 0·6 | 0 | —0·9 | 0 | —0·34 | 0 |
| Saugor | 28·065 | —·075? | S 33° E | 3·7 | 61·8 | 48·3 | 83·7 | +3·2 | 56·0 | +0·8 | 93·4 | 48·6 | 31 | —16 | 0·5 | 1 | —0·1 | 0·25 | —0·17 | 0·25 |
| Jubbulpore | 28·573 | —·036 | S 49 °E | 1·4 | 57·9 | 48·7 | 83·0 | +1·3 | 50·1 | —1·9 | 93·8 | 43·9 | 48 | —17 | 0·4 | 1 | —0·7 | 0·14 | —0·67 | 0·12 |
| Seoni | 27·890 | —·012 | N 26° E | 3·2 | 63·2 | 49·3 | 84·2 | + 0·6 | 54·8 | 0 | 93·6 | 49·7 | 31 | —26 | 0·9 | 0 | —2·0 | 0·06 | —0·82 | 0·06 |
| Nagpur | 28·910 | —·011 | N 16° E | 3·6 | 67·4 | 52·8 | 90·5 | +1·7 | 57·6 | —2·0 | 98·9 | 49·7 | 32 | —18 | 1·0 | 0 | —1·3 | 0 | —0·52 | 0 |
| Pendra | 27·881 | —·006 | W | 3·6 | 62·7 | 50·1 | 80·8 | +2·6 | 53·4 | —0·5 | 91·8 | 45·4 | 37 | —19 | 3·6 | 1 | —2·4 | 0·10 | —1·70 | 0·10 |
| Raipur | 28·939 | —·030 | N 45° W | 1·6 | 67·3 | 54·7 | 86·6 | +0·1 | 58·6 | —1·5 | 94·7 | 52·1 | 39 | —16 | 0·4 | 0 | —1·5 | 0 | —0·75 | 0 |
| Chanda | 29·286 | —·025 | S 51° W | 2·6 | 69·0 | 60·0 | 92·1 | +1·0 | 56·7 | —2·4 | 98·3 | 47·0 | 56 | —2? | 1·3 | 0 | —1·1 | 0 | —0·69 | 0 |
| Jagdalpur | 28·104 | .. | S 4° W | 1·4 | 65·3 | 58·0 | 87·7 | .. | 55·5 | .. | 93·1 | 46·6 | 62 | .. | 0 | 0 | —1·2 | 0 | —0·88 | 0 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 28·026 | —·023 | N 83° E | 6·0 | 68·4 | 49·7 | 91·2 | +2·3 | 60·4 | +2·3? | 97·2 | 52·5 | 19 | —19 | 0·7 | 0 | —0·3 | 0 | —0·14 | 0 |
| Nizamabad | 28·656 | ? | N 52° W | 1·9 | 70·4 | 55·4 | 93·6 | +2·9 | 59·9 | —1·1 | 98·8 | 49·3 | 33 | —22 | 0·8 | 0 | —1·0 | 0 | —0·53 | 0 |
| Bidar | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gulbarga | 28·400 | —·023 | N 84° E | 5·5 | 71·8 | 57·8 | 94·7 | +2·2 | 62·4 | —1·5 | 97·8 | 53·8 | 39 | —11 | 0·4 | 0 | —0·5 | 0 | —0·17 | 0 |
| Raichur | 28·587 | —·006 | S 21° E | 5·4 | 73·6 | 60·5 | 93·3 | +1·1 | 67·2 | —1·0 | 95·8 | 62·1 | 44 | —9 | 1·5 | 0 | —0·5 | 0 | —0·22 | 0 |
| Hyderabad (Deccan) | 28·198 | —·009 | S 53° E | 2·6 | 70·9 | 61·0 | 90·8 | +0·6 | 62·6 | —1·4 | 96·0 | 54·1 | 55 | —10 | 1·4 | 0 | —0·7 | 0 | —0·36 | 0 |
| Hanamkonda | 29·037 | —·015 | S 39° E | 4·3 | 73·1 | 64·6 | 91·4 | +1·3 | 66·4 | +0·3 | 95·2 | 58·7 | 62 | —5 | 1·7 | 0 | —0·7 | 0 | —0·34 | 0 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·511 | —·016 | S 45° E | 3·1 | 73·1 | 61·2 | 90·1 | +0·6 | 65·6 | —0·1 | 92·9 | 60·8 | 49 | —4 | 1·3 | 0 | —0·2 | 0 | —0·08 | 0 |
| Hassan | 26·816 | —·006 | S 51° E | 2·8 | 68·6 | 65·2 | 86·4 | —0·3 | 58·2 | +0·3 | 89·3 | 55·0 | 84 | +15? | 3·9 | 0 | —0·3 | 0 | —0·12 | 0 |
| Bangalore | 26·932 | —·019 | S 67° E | 5·4 | 66·7 | 59·3 | 87·3 | +1·3 | 59·1 | —0·9 | 90·5 | 54·4 | 66 | —5 | 2·3 | 0 | —0·2 | 0 | —0·16 | 0 |
| Mysore | 27·406 | —·026 | S 47° E | 3·9 | 71·0 | 63·0 | 89·0 | 0 | 63·2 | —0·8 | 91·5 | 60·5 | 68 | —6 | 2·3 | 0 | —0·4 | 0 | —0·12 | 0 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·835 | —·028 | N 76° E | 5·0 | 78·4 | 72·5 | 88·2 | —0·3 | 72·8 | +1·3 | 90·5 | 70·2 | 74 | +2 | 2·2 | 0 | —0·1 | 0 | —0·02 | 0 |
| Calicut | 29·872 | —·021 | S 76° E | 5·4 | 76·7 | 73·0 | 87·3 | —1·1 | 73·0 | +0·2 | 89·2 | 70·1 | 83 | +4 | 3·9 | 0 | —0·2 | 0 | —0·17 | 0 |
| Cochin | 29·885 | —·023 | N 71° E | 3·5 | 77·7 | 71·3 | 89·5 | —0·7 | 74·0 | 0 | 90·9 | 71·1 | 72 | —3 | 2·7 | 0 | —1·2 | 0·03 | —0·80 | 0·03 |
| Trivandrum | 29·692 | —·009 | N 53° E | 2·9 | 75·9 | 71·9 | 85·9 | +0·6 | 73·1 | —0·9 | 88·8 | 69·3 | 81 | +4 | 3·1 | 1 | —0·1 | 0·64 | —0·01 | 0·64 |
| Pamban | 29·866 | —·029? | N 19° E | 6·1 | 78·8 | 74·5 | 86·1 | +1·4 | 75·3 | +0·7? | 87·7 | 73·7 | 81 | +1 | 2·4 | 0 | —1·2 | 0 | —0·82 | 0 |
| Madura | 29·478 | —·012 | N 2° E | 3·2 | 74·8 | 69·7 | 89·2 | —2·7 | 68·4 | —1·5 | 92·2 | 64·0 | 77 | +1 | 5·2 | 0 | —0·7 | 0 | —0·40 | 0 |
| Pudukkottai | 29·610 | +·003? | N 22° E | 2·9 | 74·2 | 69·0 | 88·6 | —2·9 | 67·4 | —1·7 | 90·5 | 63·9 | 76 | —5 | 2·4 | 0 | —0·8 | 0 | —0·38 | 0 |
| Negapatam | 29·888 | —·018 | N 10° W | 7·7 | 75·6 | 69·5 | 84·8 | 0 | 70·9 | —1·8 | 85·9 | 66·5 | 73 | —5 | 3·5 | 0 | —0·8 | 0 | —0·68 | 0 |

# TABLE B.—FEBRUARY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV.—Madras—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Trichinopoly | 29·667 | —·023 | N 17° W | 1·7 | 75·4 | 70·6 | 90·1 | —2·2 | 66·4 | —2·4 | 92·3 | 62·4 | 78 | 0 | 2·3 | 0 | —0·7 | 0 | —0·61 | 0 |
| Coimbatore | 28·587 | —·006 | N 38° E | 2·7 | 73·5 | 67·3 | 90·5 | —1·2 | 65·0 | —0·9 | 93·8 | 59·3 | 71 | —11 | 2·2 | 0 | —0·6 | 0 | —0·32 | 0 |
| Salem | 29·007 | —·013 | N 68° E | 4·1 | 71·6 | 66·1 | 91·5 | —2·1 | 64·7 | —1·5 | 94·6 | 57·2 | 74 | —1 | 0·6 | 0 | —0·6 | 0 | —0·28 | 0 |
| Cuddalore | 29·895 | —·013 | N 40 W | 3·7 | 73·8 | 70·5 | 83·7 | —2·0 | 67·8 | — 2·1 | 84·3 | 64·2 | 84 | —3 | 2·9 | 0 | —1·3 | 0 | —0·98 | 0 |
| Vellore | 29·224 | —·019 | | 1·5 | 68·3 | 65·4 | 88·1 | —0·9 | 63·0 | —3·7 | 90·6 | 59·0 | 85 | +3 | 1·1 | 0 | —0·6 | 0 | —0·36 | 0 |
| Madras | 29·907 | —·024 | S 45° W | 1·4 | 74·5 | 70·6 | 86·0 | —0·8 | 67·1 | —1·4 | 88·1 | 63·3 | 82 | —1 | 1·6 | 0 | —0·6 | 0 | —0·30 | 0 |
| Cuddapah | 29·482 | —·023 | S 60° E | .. | 76·4 | 66·4 | 94·2 | —0·8 | 68·6 | —0·7 | 97·5 | 64·3 | 57 | —10 | 1·5 | 0 | —0·2 | 0 | —0·12 | 0 |
| Bellary | 28·423 | —·024 | S 13° W | 2·6 | 74·4 | 61·2 | 94·7 | +0·5 | 64·7 | —1·2 | 97·1 | 59·7 | 45 | —9 | 0 | 0 | —0·2 | 0 | —0·08 | 0 |
| Kurnool | 28·978 | —·021 | S 23° W | 1·0 | 70·9 | 62·3 | 94·7 | +0·6 | 64·9 | 0 | 97·8 | 55·5 | 58 | —3 | 1·4 | 0 | —0·2 | 0 | —0·14 | 0 |
| Nellore | 29·858 | —·023 | S 23 W | 1·8 | 73·9 | 70·5 | 88·4 | —1·7 | 68·4 | —0·9 | 91·6 | 63·1 | 84 | —1 | 2·4 | 0 | —0·4 | 0 | —0·13 | 0 |
| Masulipatam | 29·926 | —·024 | N 85° E | 3·4 | 74·2 | 69·6 | 86·8 | +0·1 | 66·5 | —2·1 | 91·7 | 63·0 | 78 | —8 | 1·3 | 0 | —0·5 | 0 | —0·42 | 0 |
| Cocanada | 29·926 | —·013 | N 26° E | 4·4 | 74·6 | 70·2 | 85·3 | —0·3 | 69·0 | —0·7 | 89·9 | 60·1 | 79 | +2 | 3·7 | 0 | —0·5 | 0 | —0·34 | 0 |
| Vizagapatam | 29·905 | —·015 | N 37° W | 6·1 | 75·1 | 69·7 | 83·3 | —0·3 | 71·3 | +0·2 | 85·3 | 64·3 | 75 | +2 | 3·1 | 0 | —0·8 | 0 | —0·89 | 0 |
| Calingapatam | 29·916 | .. | N 52° W | 4·8 | 72·2 | 68·0 | 87·2 | .. | 67·2 | .. | 91·4 | 60·5 | 79 | .. | 1·5 | 0 | —0·6 | 0 | —0·15 | 0 |
| Gopalpur | 29·881 | —·019 | N 19° W | 7·1 | 72·2 | 68·8 | 83·6 | +0·4 | 67·2 | —0·1 | 87·5 | 58·0 | 83 | +5 | 1·0 | 0 | —1·0 | 0 | —0·49 | 0 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser | 29·914 | | S 80° W | | 75·0 | 70·4 | | | | | | | 78 | .. | 1·3 | 0 | —0·8 | 0 | —0·54 | 0 |
| Port Blair | 29·800 | —·057 | N 9° E | 5·0 | 77·6 | 73·1 | 85·3 | —2·6 | 73·6 | —1·5 | 87·4 | 69·5 | 80 | —4 | 4·7 | 1 | —0·3 | 0·12 | —0·83 | 0·10 |
| Table Island | 29·801 | —·031 | N 8° E | 8·1 | 77·8 | 71·4 | 82·8 | —1·6 | 75·5 | +0·2 | 85·5 | 72·3 | 72 | —6 | 4·0 | 0 | —0·3 | 0 | —0·14 | 0 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | 27·604 | | S 63° E | 3·5 | 46·3 | 40·3 | 63·8 | .. | 41·5 | .. | 77·8 | 35·7 | 59 | | 3·4 | 6 | —0·5 | 2·98 | —1·49 | 1·30 |
| Srinagar | 24·993 | +·072 | S 22° E | 1·3 | 24·1 | ? | 31·8 | —11·7 | 21·3 | —7·1 | 40·1 | 10·0 | ? | | 9·8 | 4 | —2·4 | 2·27 | —0·61 | 1·27 |
| Gulmarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dras | 20·801 | +·075 | N 79° W | 1·2 | —2·5 | ? | 18·0 | —5·1 | —10·6 | +0·2 | 36·2 | —30·0 | ? | | 6·5 | 5 | —2·4 | 1·27 | —1·37 | 0·31 |
| Leh | 19·630 | +·039 | N 28° E | 1·6 | 15·6 | ? | 36·6 | +4·1 | 10·9 | +1·1 | 52·1 | —9·8 | ? | | 4·5 | 1 | +0·2 | 0·16 | —0·16 | 0·10 |
| Skardu | 22·895 | +·005 | E | 3·9 | 26·6 | ? | 43·3 | +5·1 | 23·8 | +5·0 | 59·4 | 15·5 | ? | .. | 4·4 | 0 | —2·5 | 0·02 | —0·73 | 0·02 |
| Gilgit | 25·247 | +·060 | S 45° W | 0·5 | 40·8 | (b) 36·8 | 57·2 | +5·8 | 36·7 | +0·2 | 74·2 | 28·0 | (b) 47 | —8 | 5·4 | 0 | —0·8 | 0 | —0·21 | 0 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·431 | | S 38° E | 4·1 | 36·9 | (f) 34·2 | 66·6 | | 33·9 | | 81·1 | 24·8 | (f) 36 | | 3·1 | 0 | —3·2 | 0 | —1·07 | 0 |
| Quetta | 24·650 | +·021 | S 24° E | 2·1 | 30·6 | (g) 35·0 | 60·1 | +7·2 | 27·6 | —3·6 | 78·7 | 18·6 | (g) 67 | —8 | 2·4 | 1 | —3·6 | 0·20 | —1·75 | 0·12 |
| Chaman | 25·705 | —·008 | S 59° E | 3·7 | 42·0 | (b) 38·3 | 62·0 | +4·6 | 38·2 | +0·3 | 79·6 | 25·2 | (b) 34 | —31 | 2·7 | 0 | —4·1 | 0·13 | —1·39 | 0·05 |
| Kalat | 23·702 | | S 24° W | 4·2 | 27·9 | ? | 59·0 | +5·8 | .. | .. | 77·0 | .. | ? | —14 | 1·6 | 0 | —3·3 | 0 | —1·17 | 0 |
| Dalbandin | 27·160 | | N 38° E | 4·1 | 40·9 | (a) 37·4 | 71·2 | | 34·9 | | 87·3 | 22·9 | (a) 50 | | 2·4 | 0 | —2·7 | 0 | —1·46 | 0 |
| Pasni | 30·002 | | N 44° W | (f) 7·7 | 58·6 | 53·1 | 79·9 | | 52·9 | | 93·0 | 45·3 | 69 | | 0·6 | 0 | —2·6 | 0 | —2·71 | 0 |
| Panjgur | 26·759 | | N 61° E | 5·2 | 40·5 | (a) 37·9 | 71·3 | | 37·7 | | 85·0 | 26·8 | (a) 58 | | 1·7 | 0 | | 0 | .. | 0 |
| Seistan (l) | 28·272 | | N 42° W | 3·4 | 39·1 | (i) 38·2 | 65·6 | | 35·4 | | 82·3 | 25·9 | (i) 67 | | 2·3 | 0 | | 0·02 | .. | 0·02 |

(l) Aneroid. (a) Mean of 21 days. (b) Mean of 17 days. (f) Mean of 6 days. (g) Mean of 7 days. (i) Mean of 20 days.

# TABLE B.—FEBRUARY 1921—*concld.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. Mean 8 hrs. pressure reduced to 32° and standard gravity. | Pressure. Departure from normal. | Wind. Resultant direction. | Wind. Mean velocity, miles per hour. | Temperature. Mean of 8 hrs. dry bulb. | Temperature. Mean of 8 hrs. wet bulb. | Temperature. Mean maximum. | Temperature. Departure from normal. | Temperature. Mean minimum. | Temperature. Departure from normal. | Temperature. Highest temperature observed during month. | Temperature. Lowest temperature observed during month. | Humidity. Mean humidity at 8 hrs. | Humidity. Departure from normal. | Mean cloud amount at 8 hrs. | Rainfall. Number of rainy days. | Rainfall. Departure from normal. | Rainfall. Rainfall of month. | Rainfall. Departure from normal. | Rainfall. Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill stations excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachinar | 24·413 | —·004 | Calm | 1·8 | 42·9 | (d) 36·5 | 58·5 | +8·3 | 33·3 | +3·0 | 73·4 | 19·9 | (d) 51 | —22 | 3·6 | 1 | —3·8 | 0·32 | —1·83 | 0·11 |
| Cherat | 25·717 | +·004 | N 16° W | 13·6 | 47·0 | (c) 38·8 | 56·4 | +4·1 | 43·5 | +3·1 | 72·6 | 32·5 | (c) 47 | —9 | 1·7 | 4 | —0·6 | 0·88 | —2·46 | 0·30 |
| Drosh (k) | 25·097 | .. | E | 2·7 | 40·2 | (n) 36·5 | 54·3 | +4·2 | 36·9 | +4·2 | 69·1 | 27·0 | (n) 62 | —9 | 3·5 | 2 | —1·2 | 1·18 | +0·05 | 1·03 |
| Murree | 23·946 | —·003 | S 17° E | 5·4 | 44·5 | (b) 39·8 | 52·3 | +5·2 | 39·9 | +6·1 | 67·1 | 25·7 | (b) 40 | —24 | 4·2 | 3 | —3·1 | 0·79 | —3·52 | 0·40 |
| Simla | 23·056 | +·025 | .. | .. | 44·9 | (a) 35·8 | 50·6 | +4·4 | 40·1 | +4·8 | 62·0 | 31·2 | (a) 32 | —24 | 2·7 | 2 | —3·9 | 1·32 | —1·97 | 0·75 |
| Chakrata | 23·348 | .. | N 79° E | (p) 6·8 | 46·7 | (c) 38·9 | 57·6 | +6·5 | 40·4 | +4·6 | 67·0 | 31·0 | (c) 48 | —15 | 1·7 | 2 | —4·0 | 1·11 | —3·46 | 0·74 |
| Mukteswar | 22·795 | +·010 | S 76° W | 5·9 | 44·2 | (g) 36·7 | .. | .. | 36·4 | +1·2 | .. | 27·7 | (g) 43 | —16 | 2·4 | 1 | —3·8 | 0·36 | —2·33 | 0·36 |
| Darjiling | 22·890 | —·003 | S 51° W | 2·6 | 40·8 | (e) 38·2 | 50·9 | +2·5 | 37·5 | +2·0 | 60·8 | 31·7 | (e) 77 | —6 | 4·3 | 0 | —2·6 | 0·01 | —1·10 | 0·01 |
| Kalimpong | 26·036 | | | | 52·7 | 48·8 | 62·1 | .. | 48·6 | .. | 70·2 | 43·2 | 76 | | 2·4 | ? | .. | ? | .. | ? |
| Shillong | 25·155 | +·038 | S 33° W | 1·5 | 49·5 | 45·0 | 62·8 | +0·7 | 42·7 | +1·2 | 69·1 | 34·3 | 70 | +2 | 1·8 | 0 | —2·8 | 0·09 | —1·31 | 0·09 |
| Cherrapunji | 25·671 | —·015 | S 52° W | 4·0 | 55·3 | 51·0 | 63·2 | +2·3 | 53·5 | +6·3 | 69·0 | 47·3 | 68 | 0 | 1·2 | 1 | —2·5 | 0·51 | —2·59 | 0·47 |
| Netarhat (e) | | | N 48° W | (j) 4·9 | 61·1 | 52·2 | 72·9 | .. | .. | .. | 80·6 | .. | 55 | | 0·5 | 1 | .. | 0·60 | .. | 0·55 |
| Maymyo | 26·396 | —·035 | Calm | 1·4 | 46·6 | 45·1 | 73·7 | —1·3 | 42·2 | —0·7 | 78·8 | 36·2 | 89 | +6 | 1·4 | 0 | —0·6 | 0 | —0·17 | 0 |
| Pachmarhi | 26·456 | —·018 | N 27° E | 3·2 | 60·4 | 48·3 | 78·1 | +2·9 | 49·3 | —1·5 | 87·0 | 42·1 | 39 | —11 | 0·5 | 0 | —1·5 | 0 | —0·65 | 0 |
| Mount Abu | 26·081 | +·027 | N 10° E | 3·7 | 62·9 | 46·5 | 71·1 | +3·4 | 53·9 | +0·8 | 82·8 | 44·8 | 23 | —16 | 0·1 | 0 | —0·6 | 0 | —0·31 | 0 |
| Mercara | 26·194 | —·024 | N 70° E | 2·4 | 63·8 | 63·2 | 81·4 | +0·2 | 56·9 | —2·0 | 84·8 | 54·0 | 97 | +24 | 5·1 | 0 | —0·4 | 0 | —0·17 | 0 |
| Ootacamund | 23·022 | —·003 | S 60° E | 2·7 | 53·1 | 44·7 | 66·6 | —0·1 | 42·5 | —1·8 | 71·8 | 36·2 | 52 | +1 | 2·2 | 0 | —0·9 | 0 | —0·54 | 0 |
| Kodaikanal | 22·774 | —·029 | N 3° W | 9·0 | 53·2 | 43·4 | 66·0 | +0·5 | 45·3 | —2·7 | 71·5 | 40·3 | 46 | —10 | 1·6 | 0 | —2·1 | 0 | —1·36 | 0 |
| **Extra India.** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee | 29·805 | —·011 | N 27° E | 4·5 | 76·6 | 72·0 | 85·5 | +0·1 | 73·6 | —1·1 | 89·6 | 69·7 | 84 | —1 | 6·0 | 0 | —2·4 | 0·05 | —1·88 | 0·05 |
| Colombo | 29·856 | —·028 | N 29 °E | 3·3 | 70·4 | 68·3 | 87·1 | —1·5 | 69·9 | —3·1 | 91·7 | 65·7 | 91 | +12 | 5·8 | 1 | —2·5 | 0·19 | —1·95 | 0·19 |
| Hambantota | 29·812 | | N 16° E | 8·2 | 72·1 | 69·3 | 86·1 | +0·1 | 71·7 | —0·3 | 89·0 | 68·0 | 86 | .. | 4·8 | 0 | .. | 0·13 | .. | 0·08 |
| Minicoy | 29·918 | +·014 | N 27° E | 1·9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4·5 | 0 | —1·1 | 0 | —0·63 | 0 |
| Amini Divi | 29·890 | —·032 | N 7° E | 5·2 | 82·1 | 74·4 | 89·7 | +3·3 | 75·8 | —0·1 | 92·8 | 70·9 | 68 | —5 | 3·4 | 0 | —0·1 | 0 | —0·05 | 0 |
| Gyantse | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pharijong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gangtok | 24·221 | —·218 | N 31° E | 0·7 | 46·1 | 43·4 | 60·0 | +0·9 | 43·4 | +8·5 | 70·6 | 37·5 | 83 | +4 | 4·5 | 6 | +0·2 | 0·87 | —1·84 | 0·22 |
| Gartok (k) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgar (k) | 25·494 | —·176 | N | 0·6 | 27·8 | .. | 47·6 | +5·0 | 23·7 | +4·9 | 70·3 | 13·3 | .. | .. | 4·5 | 0 | —0·5 | 0 | —0·20 | 0 |
| Kabul (k) | .. | .. | .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed | .. | .. | N 50° E | 2·8 | 31·2 | (h) 39·0 | 49·0 | +2·2 | 27·7 | —0·5 | 75·9 | 18·5 | (h) 100 | +17 | 4·8 | 2 | —0·1 | 0·84 | —0·07 | 0·36 |
| Jask | 30·005 | +·012 | N 43° E | 8·1 | 65·1 | 58·3 | 76·7 | +1·9 | 55·1 | —6·9 | 83·3 | 47·3 | 74 | —2 | 2·8 | 0 | —1·9 | 0·02 | —0·89 | 0·02 |
| Muscat | 30·021 | +·010 | N 49° W | 3·7 | 68·9 | 61·5 | 77·2 | +3·3 | 65·8 | —1·7 | 84·5 | 61·9 | 64 | —5 | 1·5 | 0 | —1·7 | 0 | —0·88 | 0 |
| Bushire | 30·029 | +·028 | N 17° W | 7·1 | 56·5 | 51·6 | 65·4 | —0·1 | 52·5 | —0·4 | 75·4 | 44·6 | 70 | —12 | 4·1 | 2 | —1·4 | 0·62 | —1·31 | 0·48 |
| Busrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kerman (k) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (k) | 24·180 | —·005 | S 72° W | 1·9 | 30·3 | (i) 37·6 | 52·0 | —1·9 | 27·3 | —1·4 | 68·4 | 17·2 | (i) 58 | .. | 1·3 | 1 | —0·4 | 0·17 | —0·23 | 0·15 |
| Tehran (k) | 25·692 | —·150 | N 28° E | 3·6 | 31·7 | (l) 35·5 | 48·4 | —2·5 | 27·9 | —4·2 | 67·5 | 13·0 | (l) 73 | .. | 4·3 | 6 | +3·0 | 2·54 | +1·56 | 0·86 |
| Baghdad | 29·930 | +·006 | N 18° E | 3·8 | 44·5 | (c) 40·2 | 62·4 | —3·4 | 41·9 | —1·1 | 74·5 | 29·5 | (c) 64 | —7 | 3·7 | 1 | —1·5 | 0·23 | —1·08 | 0·10 |
| Aden | 29·868 | —·018 | N 43° E | 9·8 | 74·3 | 68·5 | 79·5 | —1·5 | 72·7 | —0·6 | 83·0 | 69·7 | 73 | —4 | 6·3 | 0 | —0·4 | 0 | —0·21 | 0 |
| Zanzibar | 29·822 | —·021 | N 22° E | 4·8 | 82·2 | 76·9 | 87·4 | +0·5 | 80·1 | +0·2 | 90·5 | 76·0 | 78 | —1 | 7·4 | 2 | —1·5 | 2·48 | +0·25 | 2·19 |

(k) Aneroid.

(a) Mean of 21 days.
(b) Mean of 17 days.
(c) Mean of 27 days.
(d) Mean of 25 days.
(e) Mean of 24 days.
(j) Mean of 23 days.
(g) Mean of 21 days.
(h) Mean of 11 days.
(i) Mean of 5 days.
(l) Mean of 13 days.
(n) Mean of 22 days.
(p) Mean of 26 days.

# TABLE B.—MARCH 1921.

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point | 29·705 | .. | N 55° E | 4·7 | 80·4 | 77·4 | 90·2 | .. | 76·3 | .. | 96·1 | 74·2 | 87 | .. | 5·3 | 5 | +3·3 | 3·17 | +2·20 | 1·20 |
| Mergui | 29·801 | —·022 | S. 65° E | 3·7 | (k) 78·3 | (k) 74·9 | (k) 91·1 | (k) +0·1 | (k) 73·6 | (k) +1·0 | 94·6 | 70·6 | (k) 84 | +1 | 2·8 | 5 | +0·7 | 3·43 | +0·54 | 1·27 |
| Tavoy | 29·853 | —·035 | N 37° E | 1·5 | 77·9 | 74·3 | 93·9 | +0·8 | 72·7 | +2·1 | 98·0 | 64·5 | 84 | —2 | 3·9 | 2 | —0·1 | 2·44 | +0·92 | 1·50 |
| Moulmein | 29·807 | —·009 | N 76° E | 2·7 | 79·0 | 73·2 | 93·8 | —0·3 | 73·3 | +0·4 | 98·9 | 67·9 | 75 | —5 | 2·5 | 3 | +2·4 | 1·11 | +0·69 | 0·75 |
| Rangoon | 29·859 | —·010 | S 80° W | 4·3 | 75·8 | 71·9 | 95·3 | —0·8 | 72·6 | +1·4 | 99·9 | 65·5 | 82 | —3 | 5·6 | 0 | —0·6 | 0·04 | —0·30 | 0·03 |
| Bassein | 29·850 | —·009 | N 42° W | 4·1 | 77·8 | 73·0 | 94·6 | +0·5 | 69·6? | —1·4? | 100·1 | 62·1 | 79 | —6 | 4·3 | 0 | —0·2 | 0·09 | —0·07 | 0·08 |
| Diamond Island | 29·824 | —·025 | N 13° W | 7·8 | 80·8 | 75·1 | 85·0 | —0·1 | 75·9 | +0·5 | 87·4 | 72·2 | 78 | +1 | 5·9 | 0 | —0·3 | 0 | —0·20 | 0 |
| Toungoo | 29·705 | +·015? | S 36° E | 2·3 | 77·4 | 71·3 | 97·8 | +0·4 | 70·5 | +2·1 | 102·7 | 63·1 | 74 | 0 | 2·7 | 0 | —0·5 | 0·01 | —0·34 | 0·01 |
| Kyaukpyu | 29·850 | .. | N 52° E | 1·1 | 77·7 | 74·6 | 85·7 | .. | 71·2 | .. | 90·6 | 65·1 | 86 | .. | 3·8 | 0 | —0·6 | 0 | —0·60 | 0 |
| Akyab | 29·829 | —·045 | N 64° E | 2·8 | 75·7 | 72·0 | 87·7 | —0·9 | 68·2 | —0·5 | 94·6 | 63·2 | 83 | —1 | 4·7 | 0 | —0·8 | 0 | —0·52 | 0 |
| Minbu | 29·673 | —·031 | S 45° E | 3·5 | 75·5 | 63·4 | 98·6 | +0·1 | 69·9 | +0·4 | 107·7 | 58·9 | 49 | —8 | 3·5 | 0 | —0·4 | 0 | —0·35 | 0 |
| Yamethin | 29·202 | —·012 | .. | .. | 77·0 | 67·4 | 97·7 | —0·4 | 70·8 | +0·3 | 104·4 | 60·2 | 59 | —3 | 2·1 | 1 | +0·5 | 0·26 | —0·14 | 0·26 |
| Mandalay | 29·595 | —·022 | S 3° W | 4·5 | 79·6 | 66·2 | 99·6 | +1·9 | 70·9 | +2·6 | 108·0 | 64·0 | 47 | —7 | 2·5 | 1 | +0·4 | 0·12 | —0·10 | 0·12 |
| Monywa | 29·578 | —·022 | N 4° W | 1·7 | 76·8 | 65·6 | 97·4 | +1·7 | 69·2 | +2·2 | 107·6 | 63·2 | 53 | —6 | 2·3 | 0 | —0·9 | 0·03 | —0·39 | 0·03 |
| Lashio | 27·070 | —·015 | S 45° W | 2·9 | 63·4 | 57·1 | 86·2 | +0·2 | 57·2 | +1·5 | 94·1 | 50·2 | 68 | —2 | 2·4 | 1 | —0·3 | 0·17 | —0·45 | 0·15 |
| Bhamo | 29·475 | —·025 | N 45° E | 0·6 | 66·2 | 63·9 | 88·5 | +0·4 | 61·4 | +1·8 | 97·2 | 50·1 | 88 | +7 | 5·3 | 2 | 0 | 0·97 | +0·24 | 0·68 |
| Myitkyina | 29·374 | —·047 | N 43° E | 3·0 | 66·0 | 62·5 | 85·9 | +1·0 | 61·1 | +0·2 | 94·4 | 52·2 | 81 | +2 | 2·0 | 3 | —0·2 | 2·16 | +1·21 | 0·91 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·508 | —·042 | N 80° E | 0·2 | 66·3 | 63·8 | 78·5 | +0·8 | 62·3 | +2·1 | 87·5 | 51·5 | 87 | +1 | 5·6 | 14 | +5·3 | 6·68 | +2·45 | 1·28 |
| Sibsagar | 29·533 | —·041 | N 47°E | 1·1 | 66·0 | 64·1 | 78·6 | —0·2 | 62·5 | +2·8 | 86·3 | 56·0 | 91 | —1 | 7·5 | 10 | +0·7 | 6·07 | +1·32 | 1·95 |
| Tezpur | 29·619 | —·020 | N 68° E | 2·4 | 67·5 | 64·2 | 82·7 | +0·1 | 64·4 | +2·8 | 88·8 | 58·8 | 83 | +2 | 4·2 | 3 | —2·0 | 3·17 | +1·16 | 1·96 |
| Gauhati | 29·663 | —·040 | S 87° E | 0·9 | 69·9 | 65·9 | 85·0 | —0·5 | 63·5 | +4·5 | 91·4 | 55·1 | 80 | +1 | 3·9 | 5 | +0·5 | 3·41 | +1·17 | 0·80 |
| Dhubri | 29·718 | —·038 | N 74° E | 6·4 | 70·0 | 65·9 | 83·3 | —2·8 | 66·3 | +3·6 | 89·7 | 60·4 | 79 | +4 | 3·9 | 6 | +3·4 | 3·22 | +1·34 | 1·17 |
| Silchar | 29·791 | —·015 | S 80° E | 1·7 | 73·7 | 69·1 | 86·0 | —0·1 | 65·8 | +2·7 | 91·2 | 59·8 | 78 | —3 | 4·4 | 7 | —2·5 | 7·40 | —0·63 | 3·52 |
| Srimangal | 29·799 | .. | .. | .. | 70·7 | 68·6 | 89·1 | +0·5 | 63·0 | +2·5 | 94·1 | 52·5 | 89 | +6 | 2·8 | 7 | +1·9 | 8·21 | +4·30 | 3·62 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·826 | .. | S 60° E | 3·3 | 75·7 | 72·5 | 85·1 | .. | 69·2 | .. | 91·3 | 62·3 | 85 | .. | 2·9 | 1 | —1·1 | 2·30 | +0·64 | 2·25 |
| Chittagong | 29·775 | —·032 | S 65° E | 2·2 | 73·6 | 71·2 | 86·0 | —0·8 | 69·1 | +1·7 | 90·4 | 56·3 | 89 | +7 | 4·6 | 3 | +0·1 | 8·43 | +5·77 | 4·72 |
| Noakhali | 29·816 | —·028 | S 28° E | 4·1 | 77·1 | 73·7 | 85·7 | —0·7 | 72·5 | +5·2? | 90·8 | 64·0 | 85 | +1 | 4·2 | 3 | —0·5 | 8·28 | +5·61 | 4·72 |
| Barisal | 29·817 | —·047 | S 2° E | 3·1 | 76·8 | 73·9 | 88·6 | —0·6 | 71·1 | +2·3 | 93·8 | 64·6 | 87 | +3 | 4·1 | 4 | +0·3 | 6·68 | +4·42 | 3·75 |
| Narayanganj | 29·812 | —·041 | S 5° E | 3·5 | 75·7 | 71·6 | 87·6 | —1·9 | 70·7 | +2·5 | 93·9 | 63·8 | 82 | —1 | 3·6 | 6 | +0·5 | 10·49 | +7·80 | 5·25 |
| Mymensingh | 29·778 | —·038 | S 45° W | 1·3 | 72·0 | 68·2 | 85·3 | —1·9 | 68·5 | +4·1 | 94·5 | 51·3 | 81 | +2 | 6·1 | 7 | +3·5 | 5·61 | +3·37 | 1·55 |
| Bogra | 29·753 | —·038 | S 76° E | 1·9 | 72·7 | 68·7 | 88·6 | —1·6 | 66·5 | +3·3 | 99·4 | 59·0 | 81 | +8? | 4·9 | 2 | —0·2 | 3·45 | +2·14 | 2·83 |
| Dinajpur | 29·689 | —·046 | N 82° E | 2·7 | 71·8 | 65·3 | 88·1 | —0·9 | 65·0 | +4·5 | 99·8 | 61·0 | 70 | +3 | 2·6 | 2 | +0·4 | 1·00 | +0·17 | 0·85 |
| Jalpaiguri | 29·538 | —·045 | N 82° E | 1·0 | 69·3 | 64·8 | 84·6 | 0 | 64·4 | +4·7 | 89·8 | 55·0 | 78 | +2 | 0·7 | 4 | +1·4 | 2·79 | +1·28 | 1·30 |
| Saugor Island | 29·807 | —·053 | S 31° W | 9·6 | 79·6 | 74·5 | 85·8 | —1·2 | 75·7 | +1·1 | 98·0 | 65·7 | 78 | —5 | 3·5 | 2 | —0·1 | 0·81 | —0·66 | 0·51 |
| Midnapore | 29·658 | —·064 | S 41° E | 3·6 | 77·3 | 68·2 | 97·5 | +2·7 | 71·5 | +2·2 | 107·7 | 60·9 | 62 | —5 | 3·0 | 2 | —0·7 | 0·40 | —1·03 | 0·22 |
| Calcutta | 29·792 | —·059 | S 29° W | 4·2 | 76·3 | 72·6 | 92·6 | +1·7 | 72·6 | +3·3 | 102·3 | 62·5 | 83 | +3 | 2·6 | 1 | —1·4 | 0·73 | —0·66 | 0·68 |
| Jessore | 29·793 | —·046 | S 7° W | 1·7 | 74·9 | 71·0 | 90·0 | —1·6 | 70·4 | +2·6 | 99·6 | 60·7 | 82 | +2 | 4·4 | 5 | +1·8 | 3·25 | +1·20 | 1·92 |
| Burdwan | 29·702 | —·067 | S 75° W | 1·4 | 74·5 | 69·0 | 94·9 | +1·5 | 69·7 | +1·6 | 106·2 | 58·0 | 75 | +8? | 4·8 | 1 | —1·5 | 0·12 | —1·43 | 0·12 |
| Berhamporc | 29·758 | —·040 | S 6° E | 2·5 | 75·1 | 68·4 | 91·7 | —0·3 | 68·7 | +3·1 | 103·0 | 60·6 | 71 | +1 | 6·5 | 3 | +1·0 | 1·46 | +0·39 | 0·95 |

(k) Mean of 23 days.

# TABLE B.—MARCH 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·758 | —·064 | S 23° W | 4·9 | 76·5 | 70·9 | 95·2 | +2·9 | 71·2 | +1·8 | 103·8 | 57·9 | 75 | —2 | 1·5 | 0 | —3·4 | 0·15 | —1·90 | 0·06 |
| Hukitala (False Point) | 29·803 | —·048 | S 26° W | 11·8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·9 | 0 | —1·5 | 0 | —1·09 | 0 |
| Cuttack | 29·744 | —·049 | S 53° W | 2·5 | 76·8 | 72·7 | 98·3 | +1·5 | 72·9 | +0·4 | 106·5 | 63·8 | 81 | +3 | 3·3 | 0 | —1·5 | 0·03 | —1·07 | 0·03 |
| Puri | 29·815 | —·040 | S 28° W | 14·1 | 79·7 | 76·1 | 85·9 | —0·4 | 77·6 | +2·4 | 92·0 | 69·0 | 84 | 0 | 2·7 | 0 | —1·0 | 0 | —0·54 | 0 |
| Angul | 29·358 | —·069 | N 21° W | 3·8 | 76·5 | 68·2 | 100·2 | +5·4 | 68·5 | +1·0 | 107·2 | 56·4 | 64 | —3 | 4·3 | 0 | —2·3 | 0 | —1·04 | 0 |
| Sambalpur | 29·317 | —·073 | N 13° E | 2·0 | 73·9 | 63·5 | 100·1 | +3·9 | 64·9 | —2·4? | 106·1 | 52·2 | 54 | —1 | 0·4 | 0 | —1·8 | 0·03 | —0·87 | 0·03 |
| Chaibasa | 29·059 | —·065 | S 45° W | 2·4 | 75·1 | 65·1 | 98·4 | +5·1 | 68·2 | +4·0 | 106·0 | 58·7 | 57 | —6 | 1·0 | 0 | —2·1 | 0 | —1·03 | 0 |
| Ranchi | 27·672 | —·054 | S 85° W | 4·1 | 73·2 | 58·5 | 91·9 | +4·5 | 66·1 | +2·6 | 100·5 | 57·3 | 41 | —4 | 1·8 | 0 | —2·7 | 0 | —1·34 | 0 |
| Purulia | 28·999 | —·045 | N 72° W | 1·8 | 77·2 | 62·5 | 97·9 | +4·9 | 70·1 | +3·9 | 107·3 | 63·3 | 43 | —12 | 0 | 0 | —2·4 | 0 | —1·17 | 0 |
| Daltonganj | 29·080 | —·057 | S 9° E | 3·1 | 72·4 | 59·5 | 97·3 | +7·4 | 61·9 | +2·6 | 104·4 | 53·8 | 43 | —15 | 0·1 | 0 | —1·8 | 0 | —0·69 | 0 |
| Purnea | 29·691 | —·046 | E | 3·5 | 72·8 | 65·2 | 90·6 | +1·0 | 64·0 | +3·8 | 102·9 | 59·0 | 66 | —2 | 3·5 | 1 | —0·3 | 0·63 | +0·05 | 0·62 |
| Monghyr | 29·645 | .. | S 42° E | 5·7 | 72·5 | 62·8 | 91·6 | .. | 66·2 | .. | 104·2 | 60·9 | 58 | .. | 1·9 | 0 | —1·3 | 0 | —0·50 | 0 |
| Darbhanga | 29·649 | —·038 | E | 2·8 | 71·6 | 63·7 | 90·2 | +2·4 | 63·9 | +1·7 | 102·4 | 58·1 | 64 | +1 | 2·0 | 2 | +0·7 | 0·72 | +0·19 | 0·51 |
| Pusa | 29·617 | .. | N 86° E | 3·6 | 72·2 | 63·3 | 92·1 | .. | 63·2 | .. | 104·4 | 58·1 | 60 | .. | 1·1 | 2 | +0·2 | 0·32 | —0·26 | 0·19 |
| Patna | 29·622 | —·042 | S 85° E | 3·9 | 76·9 | 63·8 | 91·4 | +1·2 | 67·6 | +3·7 | 103·0 | 62·2 | 47 | —5 | 1·4 | 0 | —1·2 | 0 | —0·50 | 0 |
| Buxar | 29·555 | —·061 | S 45° E | 4·3 | 70·7 | 61·2 | 93·9 | +3·7 | 66·5 | +3·1 | 105·7 | 61·6 | 56 | +7? | 1·4 | 0 | —1·1 | 0 | —0·39 | 0 |
| Gaya | 29·438 | —·052 | S 16° W | 3·2 | 78·3 | 62·5 | 95·2 | +2·6 | 69·9 | +4·1 | 104·6 | 63·0 | 39 | —16 | 0·1 | 0 | —1·2 | 0 | —0·47 | 0 |
| Naya Dumka | 29·320 | —·044 | N 38° E | 2·9 | 77·1 | 65·5 | 92·8 | +1·6 | 67·9 | +3·0 | 105·1 | 59·5 | 53 | +3 | 1·7 | 0 | —1·8 | 0 | —1·06 | 0 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·557 | —·029 | E | 2·9 | 71·7 | 62·1 | 90·9 | +0·9 | 64·3 | +2·3 | 103·4 | 59·9 | 57 | 0 | 1·1 | 1 | +0·2 | 0·72 | +0·28 | 0·72 |
| Benares | 29·544 | —·052 | E | 3·5 | 75·9 | 62·4 | 94·5 | +2·4 | 64·8 | +3·4 | 104·7 | 57·7 | 44 | —12 | 0·2 | 0 | —0·9 | 0 | —0·36 | 0 |
| Allahabad | 29·515 | —·044 | N 45° E | 2·9 | 73·5 | 61·5 | 95·9 | +3·5 | 65·9 | +4·1 | 105·1 | 59·2 | 47 | 0 | 0·5 | 0 | —0·8 | 0 | —0·32 | 0 |
| Cawnpore | 29·398 | —·043 | S 74° W | 2·6 | 71·6 | 59·6 | 94·2 | +4·5 | 65·0 | +4·0 | 101·8 | 56·7 | 47 | —7 | 0 | 0 | —0·9 | 0 | —0·33 | 0 |
| Lucknow | 29·432 | —·058 | S 21° E | 1·7 | 71·5 | 60·3 | 95·1 | +4·1 | 64·5 | +4·3 | 105·0 | 57·0 | 51 | 0 | 0·7 | 1 | 0 | 0·10 | —0·26 | 0·10 |
| Bahraich | 29·394 | —·042 | N 59° E | 2·7 | 69·5 | 59·6 | 91·2 | +2·8 | 63·5 | +4·6 | 103·2 | 56·3 | 54 | —8 | 0·9 | 1 | 0 | 0·15 | —0·43 | 0·15 |
| Jhansi | 28·992 | —·074 | S 53° W | 3·3 | 75·6 | 59·7 | 97·9 | +5·1 | 65·9 | —0·4 | 105·0 | 60·0 | 35 | —8 | 1·0 | 0 | —0·9 | 0 | —0·32 | 0 |
| Agra | 29·259 | —·060 | S 48° W | 3·4 | 77·9 | 60·8 | 95·6 | +5·5 | 65·8 | +3·2 | 103·4 | 57·0 | 33 | —15 | 0·7 | 0 | —0·9 | 0 | —0·35 | 0 |
| Mainpuri | 29·287 | —·059 | N 18° W | 2·3 | 71·4 | 59·2 | 94·8 | +5·4 | 62·1 | +3·7 | 102·8 | 54·3 | 46 | —6 | 0·5 | 0 | —0·9 | 0 | —0·34 | 0 |
| Bareilly | 29·233 | —·041 | S 79° E | 1·5 | 70·3 | 60·4 | .. | .. | 63·5 | +5·0 | .. | 56·4 | 54 | —6 | 0·8 | 0 | —1·5 | 0 | —0·74 | 0 |
| Roorkee | 28·908 | —·035 | S 61° E | 3·1 | 66·7 | 58·2 | 86·9 | +2·2 | 58·2 | +2·6 | 93·6 | 48·7 | 57 | —5 | 1·5 | 1 | —0·6 | 0·31 | —0·58 | 0·31 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 29·086 | —·059 | N 23° E | 3·0 | 68·7 | 56·8 | 90·8 | +4·4 | 64·1 | +2·2 | 97·0 | 53·6 | 45 | —6 | 0·8 | 0 | —1·4 | 0 | —0·58 | 0 |
| Hissar | 29·085 | —·058 | S 3° W | 4·8 | 68·8 | 54·8 | 95·3 | +8·0 | 61·0 | +4·1 | 104·3 | 49·2 | 35 | —23 | 0·8 | 0 | —0·9 | 0 | —0·44 | 0 |
| Patiala | 28·970 | —·070 | S 76° E | 4·5 | 68·7 | 57·0 | 90·2 | +7·5 | 61·5 | +4·8 | 97·4 | 51·0 | 46 | —17 | 0·7 | 0 | —2·3 | 0 | —1·22 | 0 |
| Ambala | 28·904 | —·051 | N 74° E | 4·4 | 70·0 | 56·4 | 90·6 | +7·5 | 62·8 | +6·8 | 97·6 | 54·0 | 38 | —27 | 1·5 | 0 | —2·0 | 0·02 | —0·92 | 0·02 |
| Ludhiana | 28·979 | —·065 | S 36° E | 3·3 | 66·6 | 54·9 | 91·2 | +8·0 | 60·0 | +3·0 | 98·5 | 48·4 | 42 | —20 | 1·2 | 0 | —2·1 | 0 | —1·07 | 0 |
| Lahore | 29·076 | —·091 | S 55 E | 2·6 | 67·2 | 56·4 | 90·9 | +7·0 | 60 0 | +5·5 | 99·4 | 49·7 | 47 | —19 | 1·7 | 0 | —1·9 | 0 | —0·86 | 0 |
| Sialkot | 28·956 | —·080 | N 78° E | 2·3 | 69·6 | 60·2 | 87·8 | +6·8 | 58·6 | +3·4 | 93·9 | 46·5 | 56 | —12 | 2·3 | 0 | —3·1 | 0 | —1·54 | 0 |
| Rawalpindi | 28·126 | —·083 | N 68° W | 3·2 | 67·0 | 55·6 | 85·2 | +9·9 | 56·8 | +6·3 | 91·7 | 45·0 | 46 | —24 | 2·2 | 0 | —4·6 | 0·09 | —2·13 | 0·09 |

# TABLE B.—MARCH 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI.—Punjab—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Khushab | 29·192 | —·085 | N 70° E | 4·4 | 63·1 | 54·6 | 91·4 | +10·9 | 56·8 | +0·3? | 99·2 | 44·2 | 26 | —21 | 2·6 | 1 | —1·5 | 0·20 | —0·99 | 0·20 |
| Lyallpur (*d*) | 29·173 | .. | S 62° W | (*e*) 2·3 | 65·3 | 55·9 | (*y*) 81·2 | .. | (*x*) 52·1 | .. | 88·0 | 47·9 | 53 | .. | 2·9 | 0 | —2·4 | 0 | —0·31 | 0 |
| Montgomery | 29·224 | —·096 | S 38° E | 3·0 | 68·4 | 55·0 | 92·3 | +7·9 | 59·5 | +3·8 | 102·4 | 50·3 | 37 | —14 | 1·7 | 0 | —1·6 | 0 | —0·52 | 0 |
| Multan | 29·363 | —·102 | N 37° E | 1·8 | 69·1 | 57·5 | 93·5 | +7·7 | 63·2 | +5·0 | 99·8 | 54·6 | 45 | —13 | 1·4 | 0 | —1·1 | 0 | —0·43 | 0 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·725 | —·088 | N 18° W | 0·9 | 60·1 | 52·3 | 86·4 | +11·4 | 55·1 | +3·4 | 92·6 | 42·7 | 57 | —14 | 2·5 | 1 | —3·4 | 0·52 | —1·68 | 0·52 |
| Dera Ismail Khan | 29·227 | —·099 | N 16° W | 1·9 | 69·4 | 56·2 | 91·7 | +9·5 | 61·4 | +6·3 | 100·2 | 48·1 | 39 | —26 | 1·5 | 0 | —2·3 | 0·03 | —1·05 | 0·03 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·627 | —·074 | N 45° W | 2·8 | 73·2 | 58·1 | 95·4 | +4·7 | 62·7 | +3·0 | 104·5 | 51·8 | 35 | —10 | 0 | 0 | —0·7 | 0 | —0·24 | 0 |
| Hyderabad | 29·742 | —·058 | S 44° W | 4·1 | 71·8 | 60·5 | 98·7 | +6·1 | 64·7 | +0·7 | 108·2 | 58·0 | 48 | —2 | 0·1 | 0 | —0·6 | 0 | —0·27 | 0 |
| Karachi | 29·855 | —·049 | N 57° W | 8·2 | 73·5 | 68·7 | 82·8 | +1·0 | 68·9 | +2·6 | 94·3 | 63·4 | 77 | +10 | 1·1 | 0 | —0·7 | 0 | —0·31 | 0 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 29·044 | —·051 | S 13° W | 5·2 | 74·0 | 60·7 | 97·3 | +8·6 | 66·2 | +2·4 | 105·8 | 51·9 | 45 | 0? | 0·5 | 0 | —0·7 | 0 | —0·29 | 0 |
| Jodhpur | 29·058 | —·047 | S 47° E | 3·4 | 74·1 | 54·0 | 98·1 | +7·0 | 61·6 | +1·7 | 105·7 | 52·5 | 18 | —15 | 0·7 | 0 | —0·3 | 0 | —0·10 | 0 |
| Jaipur | 28·405 | —·049 | N 26° W | 3·5 | 73·9 | 55·7 | 96·2 | +6·8 | 62·5 | +1·8 | 103·2 | 49·2 | 26 | —16 | 0·5 | 0 | —0·9 | 0 | —0·39 | 0 |
| Ajmer | 28·211 | —·069 | S 61° W | 3·9 | 68·6 | 53·1 | 94·2 | +5·6 | 63·7 | +3·4 | 100·6 | 47·8 | 31 | —18 | 0·2 | 0 | —0·7 | 0 | —0·21 | 0 |
| Kotah | 28·981 | —·073 | N 86° W | 1·1 | 80·7 | 58·3 | 98·4 | +5·4 | 69·9 | +3·9 | 104·6 | 58·6 | 18 | —16 | 0·1 | 0 | —0·3 | 0 | —0·14 | 0 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29·396 | —·032 | N 55° E | 5·9 | 73·9 | 58·5 | 102·8 | +6·9 | 62·4 | —1·0 | 110·9 | 52·0 | 55 | —3 | 0·1 | 0 | —0·2 | 0 | —0·09 | 0 |
| Bhuj | 29·528 | —·043 | N 85° W | 4·8 | 77·3 | 69·8 | 98·2 | +5·1 | 63·9 | —1·3 | 107·0 | 54·5 | 68 | +8 | 0·2 | 0 | —0·2 | 0 | —0·13 | 0 |
| Jamnagar | .. | .. | S 62° W | 9·4 | 72·9 | 69·5 | 96·1 | +6·2 | 64·4 | +0·7 | 102·2 | 56·3 | 70 | +1 | 0 | 0 | —0·3 | 0 | —0·19 | 0 |
| Dwarka | 29·058 | —·041 | N 53° W | 9·5 | 75·7 | 71·3 | 83·3 | +1·8 | (*d*) 73·3 | +3·4 | 91·0 | 66·2 | 80 | +5 | 1·9 | 0 | —0·5 | 0 | —0·27 | 0 |
| Rajkot | (*l*) 29·432 | —·049 | S 85° W | 6·0 | 72·8 | 64·8 | 100·2 | +5·0 | 63·7 | +1·7 | 107·6 | 54·4 | 64 | +2 | 1·1 | 0 | —0·1 | 0 | —0·08 | 0 |
| Veraval | 29·860 | —·031 | N 28° W | 7·9 | 73·5 | 65·7 | 86·4 | +0·8 | 67·8 | +2·7 | 98·9 | 61·8 | 65 | +1 | 0·5 | 0 | —0·2 | 0 | —0·08 | 0 |
| Bhavnagar Para | 29·828 | —·030 | N 59° W | 5·0 | 76·0 | 60·1 | 100·3 | +5·3 | 66·5 | +0·5 | 106·2 | 56·2 | 36 | —16? | 0·1 | 0 | —0·3 | 0 | —0·13 | 0 |
| Surat | 29·836 | —·034 | N 48° E | 2·4 | 76·9 | 67·1 | 98·7 | +2·4 | 68·6 | +2·4 | 106·9 | 61·2 | 59 | —2 | 0·5 | 0 | —0·1 | 0 | —0·02 | 0 |
| Ahmadabad | 29·714 | —·031 | N 26° W | 3·6 | 76·6 | 61·7 | 102·5 | +5·6 | 68·8 | +1·3 | 109·9 | 62·1 | 40 | —3 | 0·5 | 0 | —0·3 | 0 | —0·09 | 0 |
| Bombay | 29·826 | —·042 | N 77° E | 6·5 | 77·5 | 72·0 | 87·8 | +2·1 | 74·1 | +0·9 | 91·1 | 69·3 | 76 | +2 | 0·7 | 0 | —0·1 | 0 | —0·04 | 0 |
| Ratnagiri | 29·640 | —·040 | N 62° E | 6·7 | 79·8 | 71·6 | 88·4 | +1·0 | 72·9 | +0·8 | 104·3 | 67·9 | 66 | —3 | 1·0 | 0 | —0·1 | 0 | —0·04 | 0 |
| Marmagao | 29·797 | —·032 | N 66° E | 6·5 | 80·0 | 75·5 | 87·6 | +0·8 | 75·8 | +0·9 | 91·0 | 71·3 | 80 | +1 | 3·6 | 0 | 0 | 0 | —0·01 | 0 |
| Karwar | 29·816 | —·030 | W | 2·5 | 76·6 | 73·9 | 89·0 | +1·5 | 74·2 | +1·8 | 91·7 | 66·2 | 87 | +5 | 3·0 | 0 | 0 | 0 | 0 | 0 |
| Malegaon | 28·417 | —·039 | S 80° W | 4·2 | 77·1 | 56·5 | 101·4 | +3·9 | 61·1 | —2·2? | 106·1 | 52·0 | 22 | —20 | 0·2 | 0 | —0·3 | 0 | —0·07 | 0 |
| Ahmadnagar | 27·723 | —·024 | N 32° W | 5·1 | 79·0 | 57·3 | 100·1 | +5·5 | 68·0 | +0·3 | 104·6 | 54·7 | 21 | —25 | 0 | 0 | —0·3 | 0 | —0·18 | 0 |
| Poona | 28·036 | —·014? | N 76° W | 6·5 | 73·0 | 59·8 | 100·3 | +2·8 | 61·5 | —1·7 | 105·8 | 52·8 | 45 | +4 | 1·0 | 0 | —0·2 | 0 | —0·04 | 0 |
| Sholapur | 28·251 | —·034 | N 3° W | 3·8 | 79·9 | 58·8 | 102·2 | +2·2 | 70·6 | +1·4 | 106·4 | 58·8 | 23 | —10 | 0·4 | 0 | —0·4 | 0 | —0·21 | 0 |
| Bijapur | 27·907 | —·027 | N 44° W | 2·3 | 80·2 | 65·0 | 99·7 | +2·6 | 70·1 | —0·1 | 103·0 | 57·3 | 42 | —8 | 0·2 | 0 | —0·9 | 0 | —0·29 | 0 |
| Belgaum | 27·330 | —·020 | N 24° W | 3·5 | 73·1 | 61·8 | 96·1 | +2·4 | 63·5 | —0·4 | 100·0 | 58·8 | 52 | +6 | 0·7 | 1 | +0·3 | 0·76 | +0·46 | 0·73 |

(*d*) Mean of 30 days. (*e*) Mean of 29 days. (*x*) Mean of 10 days. (*y*) Mean of 3 days.

# TABLE B.—MARCH 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 28·225 | —·044 | W | 4·2 | 80·9 | 64·0 | 96·1 | +5·1 | 63·4 | +2·2 | 102·9 | 49·8 | 38 | 0 | 0 | 0 | —0·3 | 0 | —0·08 | 0 |
| Indore | 28·035 | —·034 | N 48° W | 3·5 | 78·1 | 63·4 | 98·3 | +6·0 | 62·3 | +1·9 | 103·3 | 51·3 | 42 | +2 | 0·3 | 0 | —0·1 | 0 | —0·06 | 0 |
| Nowgong | 29·061 | —·059 | N 89° W | 1·9 | 73·7 | 58·1 | 96·4 | +4·7 | 60·4 | —0·1 | 103·0 | 50·7 | 34 | —15 | 0·5 | 0 | —0·8 | 0 | —0·32 | 0 |
| Sutna | 28·757 | —·065 | S 65° W | 2·8 | 75·2 | 60·2 | 95·5 | +4·7 | 64·1 | +2·7 | 102·8 | 56·3 | 38 | —3 | 0 | 0 | —1·2 | 0 | —0·52 | 0 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | .. | .. | N 70° W | 6·0 | 80·5 | 58·8 | 98·1 | +4·6 | 73·0 | +3·2 | 103·4 | 60·8 | 23 | .. | 0·3 | 0 | —0·6 | 0 | —0·29 | 0 |
| Akola | 28·914 | —·033 | N 82° W | 5·6 | 78·3 | 57·1 | 104·7 | +5·7 | 66·2 | +0·3 | 109·4 | 52·8 | 19 | —14 | 0·1 | 0 | —0·8 | 0 | —0·40 | 0 |
| Amraoti | 28·628 | —·029 | N 83° W | 4·0 | 82·0 | 58·3 | 103·5 | +5·6 | 71·5 | +2·4 | 107·6 | 63·6 | 16 | —23 | 0·1 | 0 | —0·8 | 0 | —0·34 | 0 |
| Khandwa | 28·795 | —·041 | N 59° W | 4·5 | 75·9 | 56·4 | 102·9 | +5·5 | 64·5 | —0·4 | 107·8 | 45·9 | 22 | —12 | 0·2 | 0 | —0·4 | 0 | —0·16 | 0 |
| Hoshangabad | 28·837 | —·041 | S 18° W | 2·1 | 73·0 | 55·1 | 100·0 | +4·8 | 64·1 | —0·1 | 106·7 | 51·4 | 25 | —19 | 0·3 | 0 | —0·5 | 0 | —0·28 | 0 |
| Saugor | 27·986 | —·092 | S 71° W | 4·5 | 75·5 | 53·4 | 96·5 | +5·2 | 67·9 | +3·2 | 103·2 | 55·2 | 16 | —20 | 0·3 | 0 | —0·9 | 0 | —0·39 | 0 |
| Jubbulpore | 28·476 | —·062 | S 20° E | 1·7 | 73·3 | 56·6 | 96·7 | +4·3 | 62·4 | +1·9 | 103·1 | 54·8 | 31 | —16 | 0 | 0 | —1·5 | 0 | —0·59 | 0 |
| Seoni | 27·813 | —·036 | N 14° E | 3·6 | 77·3 | 56·1 | 96·6 | +3·8 | 66·0 | +3·2 | 102·0 | 54·5 | 20 | —23 | 0·1 | 0 | —1·9 | 0 | —0·67 | 0 |
| Nagpur | 28·816 | —·034 | N 16° E | 3·6 | 80·1 | 59·7 | 102·7 | +4·8 | 68·1 | +0·6 | 106·2 | 54·8 | 24 | —15 | 0·1 | 0 | —1·3 | 0 | —0·53 | 0 |
| Pendra | 27·790 | —·054 | N 56° W | 4·7 | 78·4 | 56·7 | 94·7 | +7·2 | 66·8 | +4·7 | 102·9 | 58·4 | 20 | —22 | 3·2 | 0 | —3·3 | 0 | —1·47 | 0 |
| Raipur | 28·842 | —·055 | S 67° W | 2·5 | 79·5 | 59·8 | 100·1 | +4·4 | 70·8 | +2·6 | 105·1 | 60·3 | 25 | —17 | 0·1 | 0 | —1·7 | 0 | —0·67 | 0 |
| Chanda | 29·191 | —·052 | S 5° E | 2·8 | 81·3 | 67·8 | 103·8 | +4·2 | 68·3 | +1·2 | 108·1 | 52·0 | 48 | +4? | 0·3 | 0 | —1·3 | 0 | —0·98 | 0 |
| Jagdalpur (*d*) | 28·049 | .. | S 39° W | 2·9 | 77·0 | 63·9 | 98·4 | .. | (*m*) 64·3 | .. | 103·4 | 52·8 | 48 | .. | 0·3 | 0 | —1·2 | 0 | —0·47 | 0 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 27·965 | —·031 | N 6° W | 6·9 | 79·7 | 55·6 | 101·1 | +4·7 | 68·8 | +3·2 | 105·2 | 60·0 | 15 | —17 | 0·2 | 0 | —0·6 | 0 | —0·28 | 0 |
| Nizamabad | 28·585 | ? | S 83° W | 2·4 | 83·0 | 62·1 | 104·5 | +6·4 | 69·3 | +1·0 | 107·9 | 54·0 | 25 | —26 | 0·7 | 0 | —1·0 | 0·02 | —0·52 | 0·02 |
| Bidar | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gulbarga | 28·836 | —·035 | S 70° E | 5·3 | 80·3 | 64·6 | 103·6 | +4·2 | 71·1 | +0·3 | 107·2 | 61·7 | 40 | —5 | 0·1 | 0 | —0·8 | 0 | —0·36 | 0 |
| Raichur | 28·526 | —·009 | S 40° W | 5·5 | 81·1 | 65·0 | 101·7 | +3·1 | 74·4 | +0·4 | 105·3 | 63·1 | 39 | —8 | 1·3 | 0 | —0·5 | 0 | —0·25 | 0 |
| Hyderabad (Deccan) | 28·138 | —·018 | S 37° W | 3·0 | 80·5 | 65·8 | 100·6 | +3·5 | 71·4 | +1·4 | 104·3 | 59·9 | 44 | —11 | 0·8 | 0 | —1·0 | 0 | —0·66 | 0 |
| Hanamkonda | 28·967 | —·030 | S 31° E | 4·9 | 80·1 | 67·7 | 101·2 | +3·7 | 72·4 | +0·5 | 105·3 | 63·2 | 51 | —12 | 1·5 | 0 | —0·7 | 0 | —0·28 | 0 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·472 | —·022 | S 84° W | 3·6 | 77·1 | 65·8 | 96·5 | +1·8 | 69·9 | —0·3 | 100·3 | 65·4 | 54 | +4 | 0·9 | 1 | +0·4 | 0·54 | +0·3 | 0·54 |
| Hassan | 26·788 | —·007? | S 76° W | 3·9 | 74·3 | 65·9 | 93·1 | +1·9 | 62·3 | +0·2 | 97·7 | 57·1 | 64 | —1 | 1·2 | 0 | —0·5 | 0·07 | —0·18 | 0·07 |
| Bangalore | 26·899 | —·025 | S 6° W | 5·1 | 73·5 | 64·4 | 93·8 | +2·8 | 64·6 | —0·1 | 97·1 | 60·0 | 60 | —4 | 0·9 | 0 | —0·9 | 0 | —0·55 | 0 |
| Mysore | 27·373 | —·029 | S 39° W | 3·9 | 73·4 | 67·1 | 95·0 | +1·3 | 66·2 | —1·1 | 98·0 | 62·2 | 72 | +3 | 2·4 | 0 | —0·5 | 0·05 | —0·21 | 0·05 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·789 | —·038 | N 67° E | 4·4 | 82·7 | 76·0 | 91·4 | +2·5 | 76·4 | +2·3 | 93·1 | 73·1 | 72 | —1 | 1·4 | 0 | —0·2 | 0 | —0·09 | 0 |
| Calicut | 29·828 | —·030 | N 74° E | 6·1 | 80·6 | 76·6 | 89·6 | —0·5 | 77·0 | +1·1 | 92·4 | 74·1 | 83 | +7 | 4·3 | 0 | —0·8 | 0·01 | —0·51 | 0·01 |
| Cochin | 29·850 | —·025 | N 67° E | 4·5 | 83·0 | 76·5 | 92·3 | +0·9 | 78·3 | +1·1 | 94·1 | 71·1 | 73 | —4 | 1·8 | 1 | —1·7 | 0·42 | —1·59 | 0·40 |
| Trivandrum | 29·658 | —·016 | N 29° W | 3·6 | 80·4 | 76·3 | 88·7 | +1·4 | 77·2 | +0·7 | 91·5 | 72·6 | 82 | +6 | 2·1 | 1 | —1·5 | 0·19 | —1·43 | 0·16 |
| Pamban | 29·815 | —·035 | N 81° E | 3·9 | 81·6 | 76·2 | 89·4 | —0·1 | 78·0 | +2·0 | 92·4 | 76·5 | 77 | 0 | 2·4 | 0 | —1·1 | 0·04 | —0·44 | 0·04 |
| Madura | 29·425 | —·019 | N 24° E | 2·5 | 81·2 | 74·8 | 96·0 | —0·5 | 73·8 | +0·9 | 99·3 | 67·7 | 73 | —1 | 4·4 | 0 | —0·7 | 0·01 | —0·46 | 0·01 |
| Pudukkottai | 29·558 | —·029 | N 63° E | 2·4 | 80·6 | 74·2 | 96·5 | +0·8 | 73·5 | +0·6 | 100·8 | 67·4 | 73 | —2 | 3·7 | 0 | —0·9 | 0 | —0·27 | 0 |
| Negapatam | 29·835 | —·025 | S 3° W | 7·5 | 80·9 | 74·5 | 89·0 | +0·2 | 76·8 | +0·9 | 93·0 | 68·3 | 73 | —2 | 3·6 | 0 | —0·7 | 0 | —0·37 | 0 |
| Trichinopoly | 29·614 | —·029 | N 9° E | 1·8 | 81·7 | 75·0 | 97·6 | —0·1 | 73·0 | +0·3 | 101·5 | 66·2 | 75 | +2 | 2·4 | 0 | —0·6 | 0 | —0·43 | 0 |

(*d*) Mean of 30 days.

(*m*) Mean of 21 days.

# TABLE B.—MARCH 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV.—Madras—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Coimbatore | 28·533 | —·015 | N 39° E | 2·6 | 77·9 | 70·8 | 97·0 | +0·8 | 69·5 | —0·3 | 100·3 | 60·8 | 69 | —10? | 1·4 | 0 | —1·0 | 0 | —0·51 | 0 |
| Salem | 28·942 | —·032 | N 64° E | 3·7 | 77·8 | 71·2 | 98·1 | —0·6 | 70·3 | —0·6 | 101·5 | 62·1 | 71 | —1 | 0 | 0 | —1·0 | 0 | —0·53 | 0 |
| Cuddalore | 29·836 | —·021 | S 67° W | 5·1 | 78·9 | 75·2 | 87·7 | —1·6 | 72·2 | 0 | 89·8 | 66·0 | 83 | 0 | 2·4 | 0 | —0·3 | 0 | —0·19 | 0 |
| Vellore | 29·160 | —·031 | S 22° E | 2·3 | 74·7 | 70·0 | 95·6 | +1·3 | 68·4 | —1·3 | 99·4 | 63·0 | 78 | +2 | 0·5 | 0 | —0·3 | 0 | —0·25 | 0 |
| Madras | 29·843 | —·033 | S 37° W | 2·6 | 79·4 | (d) 75·2 | 90·2 | +0·4 | 72·4 | +0·2 | 94·5 | 68·1 | 82 | +3 | 1·1 | 0 | —0·3 | 0 | —0·16 | 0 |
| Cuddapah | 29·407 | —·033 | S 57° E | .. | 81·9 | 69·8 | 103·2 | +1·3 | 74·4 | —0·4 | 106·9 | 68·3 | 52 | —6 | 1·0 | 0 | —0·2 | 0 | —0·19 | 0 |
| Bellary | 28·368 | —·026 | S 55° W. | 2·9 | 81·4 | 66·2 | 102·5 | +2·0 | 71·1 | —1·1 | 106·1 | 65·2 | 42 | —5 | 0·6 | 0 | —0·6 | 0 | —0·22 | 0 |
| Kurnool | 28·915 | —·022 | S 72° W | 1·2 | 78·7 | 66·5 | 103·0 | +2·2 | 71·8 | +0·3 | 106·5 | 55·1 | 49 | —4 | 0·8 | 0 | —0·6 | 0 | —0·28 | 0 |
| Nellore | 29·774 | —·042 | S 5° E | 3·8 | 77·1 | 73·4 | 95·0 | —0·3 | 72·3 | —0·2 | 98·5 | 68·2 | 83 | +2 | 2·2 | 0 | —0·3 | 0 | —0·15 | 0 |
| Masulipatam | 29·850 | —·036 | S 21° W | 4·8 | 79·1 | 75·0 | 92·3 | +1·2 | 70·3 | —2·1 | 96·2 | 64·7 | 82 | —1 | 2·6 | 0 | —0·4 | 0 | —0·29 | 0 |
| Cocanada | 29·847 | —·030 | N 76° W | 4·4 | 79·3 | 75·2 | 94·4 | +2·4 | 73·5 | —0·1 | 101·0 | 70·2 | 82 | +5 | 4·4 | 0 | —0·8 | 0 | —0·52 | 0 |
| Vizagapatam | 29·813 | —·039 | N 71° W | 8·3 | 80·1 | 74·1 | 88·2 | +1·2 | 76·0 | +1·2 | 91·1 | 72·2 | 74 | +1 | 2·1 | 0 | —0·6 | 0 | —0·35 | 0 |
| Calingapatam | 29·825 | .. | S 74° W | 7·6 | 78·8 | 75·0 | 91·2 | .. | 73·6 | .. | 94·4 | 68·9 | 83 | .. | 2·1 | 0 | —0·6 | 0 | —0·52 | 0 |
| Gopalpur | 29·769 | —·046 | S 59° W | 11·3 | 77·5 | 74·7 | 87·0 | +0·4 | 73·8 | +0·8 | 97·0 | 64·5 | 87 | +9 | 0·7 | 0 | —1·1 | 0 | —0·57 | 0 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser | 29·810 | .. | S 37° W | .. | 79·3 | 75·8 | .. | .. | .. | .. | .. | .. | 85 | .. | 2·7 | 0 | —1·5 | 0 | —1·03 | 0 |
| Port Blair | 29·773 | —·056 | N 27° E | 4·1 | 81·2 | 76·5 | 89·3 | —1·3 | 76·9 | +0·5 | 93·0 | 72·1 | 80 | —4 | 4·0 | 0 | —0·9 | 0 | —0·71 | 0 |
| Table Island | 29·775 | —·057 | N 8° W | 5·9 | 80·4 | 76·9 | 86·4 | —0·5 | 77·6 | +1·3 | 89·3 | 73·9 | 85 | +8 | 4·1 | 0 | —0·4 | 0 | —0·16 | 0 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | 27·491 | .. | S 45° W | 1·7 | 57·4 | 51·0 | (f) 80·5 | .. | 52·9 | .. | 89·6 | 43·5 | 63 | .. | 2·5 | 5 | —2·5 | 1·93 | —2·12 | 0·82 |
| Srinagar | 24·902 | +·009 | S 26° E | 1·9 | 45·2 | (f) 43·8 | 60·1 | +4·3 | 39·3 | +2·0 | 68·7 | 23·8 | (f) 80 | —8 | 4·1 | 4 | —4·0 | 1·39 | —2·16 | 0·55 |
| Gulmarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dras | 20·786 | +·043 | S 45° W | 2·3 | 20·4 | (x) 33·8 | 34·3 | +0·7 | 14·6 | +10·5 | 41·0 | —15·7 | (x) 96 | +5 | 5·8 | 9 | —1·3 | 9·06 | +5·45 | 2·03 |
| Leh | 19·680 | +·047 | S 7° E | 2·2 | 32·0 | (x) 32·4 | 50·1 | +5·8 | 25·3 | +4·5 | 58·1 | 13·6 | (x) 74 | +22 | 4·2 | 0 | —1·1 | 0·13 | —0·17 | 0·06 |
| Skardu | 22·874 | +·018 | S 21° E | 4·6 | 39·9 | (i) 36·3 | 53·9 | +3·9 | 36·1 | +3·4 | 66·4 | 26·5 | (i) 66 | —13 | 5·6 | 4 | +1·2 | 3·02 | +2·19 | 0·98 |
| Gilgit | 25·191 | —·045 | S 53° W | 0·7 | 52·2 | 44·3 | 65·5 | +3·9 | 47·4 | +2·4 | 77·4 | 38·6 | 53 | +5 | 5·7 | 4 | +2·6 | 2·86 | +2·43 | 0·93 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·398 | .. | S 54° E | 5·8 | 53·3 | (d) 41·1 | 79·8 | .. | 48·1 | .. | 90·7 | 35·1 | (d) 27 | .. | 3·7 | 0 | —4·7 | 0 | —1·78 | 0 |
| Quetta | 24·642 | +·022 | N 45° W | 2·3 | 43·1 | (k) 37·7 | 72·5 | +8·8 | 38·2 | —1·0 | 83·7 | 25·3 | (k) 47 | —16 | 1·5 | 0 | —4·9 | 0 | —1·90 | 0 |
| Chaman | 25·676 | +·009 | S 66° E | 6·3 | 55·6 | (f) 43·7 | 74·6 | +11·5 | 49·4 | +6·1 | 88·6 | 32·2 | (f) 29 | —29 | 2·9 | 0 | —4·5 | 0·07 | —1·51 | 0·04 |
| Kalat | 23·715 | .. | S 25° W | 5·3 | 39·8 | (r) 36·7 | 69·8 | +6·4 | .. | .. | 84·6 | .. | (r) 41 | —23 | 0·9 | 1 | —1·9 | 0·15 | —0·80 | 0·15 |
| Dalbandin | 27·113 | .. | N 53° E | 5·0 | 53·3 | 44·4 | 84·1 | .. | 45·8 | .. | 97·1 | 33·2 | 46 | .. | 2·3 | 0 | —1·7 | 0 | —0·37 | 0 |
| Pasni | 29·882 | .. | N 51° W | 7·5 | 67·2 | 60·6 | 91·3 | .. | 61·5 | .. | 101·7 | 53·9 | 67 | .. | 0·5 | 0 | —1·2 | 0 | —0·47 | 0 |
| Panjgur | 26·720 | .. | N 58° E | 5·3 | 52·7 | 43·5 | 83·6 | .. | 48·2 | .. | 94·6 | 35·2 | 46 | .. | 0·5 | 0 | .. | 0 | .. | 0 |
| Seistan (c) | 28·198 | .. | N 41° W | 6·3 | 48·9 | 42·6 | 74·6 | .. | 44·9 | .. | 94·8 | 30·9 | 58 | .. | 3·0 | 0 | .. | 0 | .. | 0 |
| **Hill Stations excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachinar | 24·409 | —·002 | Calm | 1·8 | 57·9 | 44·4 | 71·2 | +13·1 | 45·5 | +7·1 | 81·4 | 31·1 | 32 | —32 | 3·5 | 1 | —7·9 | 0·27 | —4·16 | 0.13 |
| Cherat | 25·658 | —·028 | N 15° W | 3·8 | 59·4 | 47·2 | 71·0 | +10·5 | 54·4 | +7·5 | 80·5 | 46·8 | 37 | —20 | 2·4 | 1 | —5·0 | 0·33 | —3·91 | 0·29 |

(c) Aneroid. (d) Mean of 30 days. (f) Mean of 28 days. (x) Mean of 5 days. (i) Mean of 25 days. (r) Mean of 14 days. (k) Mean of 23 days.

# TABLE B.—MARCH 1921—*concld.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill Stations excluding Kashmir and Baluchistan** —*contd.* | | | | | | | | | | | | | | | | | | | | |
| Drosh (*c*) | 25·051 | .. | S 88° E | 4·1 | 49·7 | 43·0 | 62·9 | +4·3 | 45·6 | +6·3 | 76·1 | 37·0 | (*d*) 60 | —9 | 3·8 | 6 | —0·9 | 2·96 | +0·01 | 1·10 |
| Murree | 23·939 | —·016 | S 19° W | 4·2 | 55·4 | 44·2 | 64·4 | +7·3 | 50·0 | +7·9 | 71·9 | 39·8 | 40 | —16 | 2·5 | 2 | —5·1 | 0·82 | —3·73 | 0·60 |
| Simla | 23·076 | +·024 | .. | .. | 54·3 | 41·6 | 61·6 | +6·1 | 49·4 | +5·5 | 69·3 | 38·0 | 32 | —13 | 2·4 | 1 | —4·0 | 0·25 | —2·44 | 0·25 |
| Sarain | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kalabagh | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chakrata | 23·365 | +·007 | N 64° E | 8·2 | 57·1 | 45·8 | 67·9 | +7·0 | 49·4 | +5·7 | 72·8 | 39·8 | 43 | —11 | 2·6 | 1 | —3·9 | 0·22 | —2·87 | 0·20 |
| Mukteswar | 22·813 | +·002 | N 86° E | 7·5 | 53·0 | 41·8 | (*x*) 68·1 | (*x*) +5·7 | 44·6 | +1·7 | 73·0 | 34·7 | 38 | —8 | 1·7 | 1 | —3·2 | 0·35 | —1·89 | 0·32 |
| Darjiling | 22·890 | —·007 | N 2° E | 2·8 | 50·2 | 46·3 | 60·0 | +3·7 | 45·1 | +3·0 | 68·3 | 36·5 | 76 | +3 | 3·9 | 6 | +2·3 | 3·76 | +1·93 | 1·89 |
| Kalimpong | 25·987 | .. | .. | .. | 60·2 | 55·0 | 69·5 | .. | 55·9 | .. | 76·7 | 48·2 | 72 | .. | 3·3 | ? | .. | ? | .. | ? |
| Shillong | 25·123 | +·036 | S 32° W | 3·5 | 59·8 | 53·7 | 69·5 | —0·7 | 51·8 | +1·1 | 79·9 | 38·5 | 67 | +15 | 2·7 | 5 | 0 | 3·29 | +1·06 | 1·39 |
| Cherrapunji | 25·646 | —·020 | S 42° W | 5·2 | 60·5 | 56·0 | 68·0 | +0·9 | 57·1 | +3·2 | 72·7 | 49·0 | 77 | +7 | 5·1 | 13 | +5·7 | 6·99 | —2·13 | 2·00 |
| Netarhat | .. | .. | N 77° W | 1·1 | 73·7 | 57·0 | 86·3 | .. | (*h*) 66·7 | .. | 95·3 | 58·3 | 35 | .. | 0·2 | 0 | .. | 0 | .. | 0 |
| Maymyo | 26·377 | —·039 | S 45° W | 1·8 | 61·3 | 56·5 | 81·5 | +0·1 | 53·1 | +3·0 | 88·6 | 46·4 | 75 | +5 | 2·1 | 1 | —0·1 | 0·34 | —0·23 | 0·29 |
| Pachmarhi | 26·410 | —·041 | N 46° W | 4·5 | 72·7 | 55·2 | 90·3 | +6·0 | 62·4 | +2·4 | 95·0 | 54·6 | 30 | —6 | 0·1 | 0 | —1·1 | 0 | —0·51 | 0 |
| Mount Abu | 26·045 | +·007 | N 52° W | 5·5 | 73·5 | 51·3 | 81·7 | +4·8 | 66·8 | +5·6 | 89·4 | 52·6 | 15 | —21 | 0·2 | 0 | —0·5 | 0 | —0·19 | 0 |
| Mercara | 26·169 | —·031 | N 66° E | 2·4 | 68·2 | 62·4 | 86·9 | +2·3 | 60·0 | —1·6 | 91·8 | 55·0 | 72 | +3 | 3·7 | 0 | —1·6 | 0·02 | —0·63 | 0·02 |
| Ootacamund | 23·027 | +·007 | S 58° E | 4·9 | 61·4 | 46·7 | 72·2 | +2·9 | 49·4 | +1·4 | 75·7 | 45·2 | 31 | —16 | 1·0 | 0 | —2·4 | 0·05 | —1·20 | 0·05 |
| Kodaikanal | 22·781 | —·023 | N 45° E | 9·8 | 60·4 | 45·4 | 71·4 | +2·9 | 50·5 | —0·3 | 74·6 | 45·6 | 29 | —18 | 0·6 | 0 | —3·3 | 0 | —2·35 | 0 |
| **Extra India.** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee | 29·765 | +·014? | S 31° W | 4·0 | 77·6 | 75·0 | 91·4 | +3·3 | 75·7 | —0·3 | 95·1 | 67·7 | 88 | +3 | 4·1 | 0 | —2·2 | 0·14 | —1·35 | 0·08 |
| Colombo | 29·829 | —·028 | N 67° E | 2·5 | 74·2 | 72·9 | 88·4 | —1·3 | 73·4 | —1·6 | 91·0 | 65·0 | 94 | +15 | 5·5 | 7 | +1·3 | 4·90 | +0·60 | 1·74 |
| Hambantota | 29·788 | .. | N 15° W | 6·8 | 74·7 | 72·3 | 87·3 | +0·1 | 73·9 | +0·4 | 89·1 | 70·9 | 89 | .. | 4·5 | 4 | .. | 3·23 | +1·10 | 1·48 |
| Minicoy | 29·902 | +·021? | N 13° W | 1·9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5·0 | 1 | —0·6 | 0·66 | —0·31 | 0·56 |
| Amini Divi | 29·851 | —·038 | N 14° W | 5·4 | 84·0 | 76·2 | 91·8 | +3·0 | 77·6 | 0 | 95·4 | 73·9 | 68 | —5 | 2·3 | 0 | —0·1 | 0 | —0·04 | 0 |
| Gangtok | 24·244 | —·181 | N 45° E | 1·0 | 54·0 | 49·7 | 68·5 | +2·2 | 50·8 | +9·1 | 73·1 | 42·0 | 77 | +3 | 4·0 | 7 | —1·3 | 4·49 | —0·50 | 1·40 |
| Gartok (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgar (*c*) | 25·518 | —·072 | N 21° E | 0·9 | 40·1 | (*i*) 37·8 | 52·8 | —3·3 | 34·7 | —0·3 | 73·3 | 25·8 | (*i*) 69 | +12 | 6·1 | 4 | +3·3 | 1·33 | +1·00 | 0·55 |
| Kabul (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed | .. | .. | N 45° E | 2·8 | 34·6 | (*n*) 38·8 | 51·6 | —4·5 | 31·3 | —4·9 | 73·9 | 18·0 | (*n*) 96 | +18 | 4·5 | 7 | +1·9 | 2·82 | +0·59 | 1·00 |
| Jask | 29·891 | —·034 | N 2° W | 9·5 | 69·4 | 63·9 | 84·2 | +5·0 | 61·0 | —5·6 | 92·7 | 51·4 | 73 | +4 | 1·2 | 0 | —1·6 | 0 | —0·72 | 0 |
| Muscat | 29·918 | —·009 | N 39° W | 2·9 | 77·1 | 69·2 | 86·4 | +8·0 | 72·9 | +0·9 | 98·1 | 66·2 | 66 | —2 | 0·5 | 0 | —1·7 | 0 | —0·65 | 0 |
| Bushire | 29·907 | —·040 | N 12° E | 8·8 | 65·2 | 57·0 | 75·3 | +2·9 | 60·5 | +1·5 | 91·4 | 52·0 | 58 | —20 | 7·0 | 0 | —2·2 | 0 | —1·03 | 0 |
| Busrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kerman (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (*c*) | 24·193 | —·012 | S 68° W | 2·5 | 42·7 | (*j*) 39·0 | 59·5 | —1·2 | 38·5 | +2·0 | 69·4 | 27·2 | (*j*) 65 | 0 | 3·7 | 2 | —1·0 | 0·57 | —0·48 | 0·27 |
| Tehran (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Baghdad | 29·847 | —·008 | N 28° W | 3·5 | 50·7 | 43·3 | 71·5 | —1·4 | 47·9 | —1·7 | 87·0 | 36·6 | 51 | —13 | 3·7 | 1 | —2·5 | 0·13 | —1·23 | 0·13 |
| Aden | 29·807 | —·020 | N 34° E | 11·9 | 74·9 | 70·2 | 83·2 | —0·4 | 72·8 | —2·6 | 86·6 | 67·1 | 78 | +1 | 4·9 | 0 | —0·7 | 0 | —0·54 | 0 |
| Zanzibar | 29·836 | +·002 | S 27° W | 3·3 | 81·7 | 77·2 | 86·4 | —0·3 | 79·2 | —0·2 | 88·9 | 75·4 | 81 | —1 | 6·3 | 6 | —3·0 | 4·77 | —1·73 | 2·16 |

(*c*) Aneroid. (*d*) Mean of 30 days. (*x*) Mean of 16 days. (*n*) Mean of 20 days. (*i*) Mean of 25 days. (*h*) Mean of 26 days. (*j*) Mean of 28 days.

# TABLE B.—APRIL 1921.

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point | 29·717 | .. | N 70° E | 4·6 | 83·0 | 79·3 | 91·6 | .. | 77·6 | .. | 96·8 | 74·7 | 84 | .. | 3·8 | 3 | —1·8 | 1·08 | —1·43 | 0·50 |
| Mergui | 29·814 | +·028 | S 62° E | 3·8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·4 | 5 | —1·1 | 1·68 | —3·79 | 0·61 |
| Tavoy | 29·862 | +·014 | Calm | 1·7 | 81·3 | 76·8 | 94·5 | +0·7 | 74·8 | +0·3 | 96·2 | 72·0 | 81 | —3 | 3·4 | 2 | —2·1 | 1·57 | —1·40 | 1·28 |
| Moulmein | 29·806 | +·031 | N 75° E | 3·1 | 82·5 | 76·4 | 94·8 | +0·3 | 77·2 | +0·6 | 97·0 | 73·0 | 75 | —3 | 2·9 | 1 | —3·0 | 0·87 | —2·07 | 0·87 |
| Rangoon | 29·857 | +·034 | S 87° W | 5·1 | 81·2 | 76·2 | 93·8 | 0 | 76·7 | +0·4 | 101·1 | 73·6 | 78 | —2 | 5·8 | 0 | —1·8 | 0 | —1·50 | 0 |
| Bassein | 29·851 | +·038 | N 46° W | 4·1 | 83·1 | 76·5 | 96·0 | —0·1 | 74·5 | —1·4 | 99·4 | 68·9 | 73 | —6 | 4·5 | 0 | —1·6 | 0 | —1·19 | 0 |
| Diamond Island | 29·827 | +·020 | N 53° W | 7·6 | 83·3 | 77·4 | 87·3 | —1·1 | 79·5 | +0·7 | 91·1 | 73·3 | 76 | +1 | 4·8 | 0 | —1·0 | 0·02 | —0·94 | 0·02 |
| Toungoo | 29·695 | +·026 | S 56° E | 3·5 | 82·1 | 74·1 | 98·7 | —1·8 | W 77·4 | W +6·7? | 103·3 | 68·0 | 70 | —3 | 5·5 | 3 | +0·3 | 4·60 | +2·63 | 2·80 |
| Kyaukpyu | 29·842 | .. | W | 1·5 | 83·0 | 78·9 | 89·6 | .. | 77·4 | .. | 94·5 | 72·3 | 82 | .. | 5·2 | 0 | —2·1 | 0·03 | —1·69 | 0·03 |
| Akyab | 29·825 | +·009 | N 52° E | 3·2 | 81·8 | 76·5 | 91·5 | —0·1 | 74·0 | —1·8 | 93·6 | 69·2 | 77 | —4 | 5·7 | 2 | +0·2 | 0·36 | —1·63 | 0·19 |
| Minbu | 29·662 | +·026 | S 23° E | 3·9 | 83·0 | 72·1 | 103·7 | +0·7 | 77·6 | +0·4 | 109·5 | 70·9 | 57 | —5 | 4·1 | 1 | —0·2 | 0·32 | —0·55 | 0·23 |
| Yamethin | 29·189 | +·032 | .. | .. | 82·8 | 73·6 | 100·7 | —0·6 | 77·2 | +0·9 | 105·8 | 69·4 | 63 | —2 | 2·0 | 4 | +1·6 | 1·27 | —0·23 | 0·60 |
| Mandalay | 29·572 | +·026 | S 3° W | 4·4 | 86·9 | 73·4 | 104·0 | +1·8 | 78·7 | +0·9 | 110·0 | 71·5 | 51 | —5 | 2·9 | 3 | +0·6 | 1·76 | +0·52 | 1·12 |
| Monywa | 29·556 | +·026 | N 16° E | 1·5 | 83·2 | 70·9 | 103·0 | +2·0 | 76·6 | +1·4 | 108·6 | 71·9 | 53 | —6 | 3·1 | 3 | +1·2 | 0·75 | —0·15 | 0·31 |
| Lashio | 27·072 | +·027 | W | 2·8 | 69·2 | 63·2 | 89·7 | —0·1 | 62·8 | +0·1 | 96·1 | 54·2 | 72 | +3 | 3·9 | 8 | +3·7 | 2·37 | +0·27 | 0·79 |
| Bhamo | 29·457 | +·027 | N 34° E | 1·3 | 73·8 | 69·2 | 93·4 | +0·6 | 69·0 | +2·0 | 99·0 | 64·8 | 79 | +3 | 2·4 | 4 | —0·7 | 1·35 | —0·50 | 0·35 |
| Myitkyina | 29·353 | +·012 | N 17° E | 4·7 | 72·4 | 66·9 | 90·0 | +1·3 | 67·0 | —0·2 | 95·4 | 63·0 | 74 | —2 | 2·3 | 5 | —0·4 | 1·33 | —0·67 | 0·51 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·515 | +·035 | S 83° E | 0·2 | 70·7 | 68·9 | 79·5 | 0 | 67·0 | +1·7 | 88·9 | 63·7 | 91 | +2 | 7·6 | 20 | +5·1 | 13·85 | +2·78 | 2·85 |
| Sibsagar | 29·535 | +·036 | N 47° E | 1·3 | 70·2 | 69·2 | 79·0 | —2·7 | 68·1 | +1·9 | 87·6 | 64·0 | 95 | +4 | 9·0 | 21 | +6·5 | 16·94 | +6·60 | 2·90 |
| Tezpur | 29·628 | +·070? | N 65° E | 2·2 | 71·4 | 69·0 | 82·5 | —1·3 | 68·9 | +1·6 | 89·9 | 64·1 | 88 | +4 | 7·6 | 12 | —1·3 | 9·06 | +2·13 | 2·57 |
| Gauhati | 29·662 | +·044 | S 84° E | 1·0 | 73·3 | 70·2 | 84·8 | —1·9 | 68·5 | +1·2 | 91·4 | 64·7 | 85 | +3 | 5·9 | 18 | +5·7 | 14·49 | +7·44 | 1·70 |
| Dhubri | 29·712 | +·038 | N 77° E | 6·7 | 73·3 | 70·6 | 83·8 | —4·4 | 70·2 | +0·2 | 92·6 | 64·0 | 87 | +8 | 7·5 | 14 | +6·0 | 15·43 | +10·53 | 2·73 |
| Silchar | 29·782 | +·052 | N 83° E | 1·9 | 75·4 | 71·3 | 87·9 | —0·2 | 68·6 | —0·4 | 92·2 | 63·4 | 81 | —2 | 4·9 | 15 | +0·5 | 10·40 | —4·33 | 1·98 |
| Srimangal | 29·793 | .. | .. | .. | 74·7 | 71·6 | 90·3 | —0·5 | 65·7 | —3·1? | 95·1 | 58·9 | 85 | —1 | 3·1 | 12 | —0·1 | 9·98 | —1·61 | 1·73 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·824 | .. | S 43° E | 3·4 | 81·4 | 77·0 | 88·6 | .. | 73·9 | .. | 90·9 | 68·3 | 81 | .. | 3·4 | 3 | —1·6 | 2·44 | —2·00 | 0·98 |
| Chittagong | 29·772 | +·037 | S 33° E | 3·5 | 78·7 | 75·4 | 88·9 | 0 | 73·2 | —0·2 | 91·2 | 67·3 | 85 | +5 | 4·5 | 5 | —0·4 | 3·07 | —2·01 | 1·63 |
| Noakhali | 29·809 | +·047 | S 20° E | 4·1 | 80·6 | 76·6 | 88·2 | —0·7 | 75·4 | +1·7 | 90·8 | 67·6 | 83 | +2 | 4·6 | 7 | +1·0 | 8·59 | +2·54 | 5·34 |
| Barisal | 29·812 | +·037 | S 1° W | 3·8 | 82·0 | 77·7 | 91·0 | —0·8 | 74·8 | —0·1 | 93·1 | 67·8 | 81 | —1 | 5·0 | 3 | —2·3 | 2·17 | —2·16 | 1·47 |
| Narayanganj | 29·804 | +·039 | S 11° E | 4·0 | 80·0 | 75·2 | 91·1 | —1·5 | 74·1 | —0·2 | 94·5 | 67·2 | 78 | —5 | 4·8 | 6 | —0·7 | 5·17 | —0·05 | 2·72 |
| Mymensingh | 29·775 | +·043 | S 47° E | 1·7 | 76·5 | 72·8 | 88·4 | —2·3 | 71·8 | —0·1 | 94·1 | 64·8 | 83 | +2 | 6·4 | 10 | +2·8 | 7·53 | +1·63 | 1·56 |
| Bogra | 29·737 | +·040 | S 67° E | 1·1 | 77·9 | 74·5 | 91·7 | —4·0 | 72·6 | +0·8 | 99·6 | 67·0 | 85 | +8 | 5·6 | 5 | +1·3 | 2·92 | +0·62 | 1·43 |
| Dinajpur | 29·671 | +·029 | S 89° E | 4·2 | 77·2 | 72·0 | 92·1 | —2·5 | 72·1 | +2·2 | 103·3 | 67·0 | 77 | +5 | 5·1 | 3 | —0·1 | 1·59 | —0·52 | 0·70 |
| Jalpaiguri | 29·526 | +·025 | N 52° E | 1·4 | 74·0 | 70·5 | 86·1 | —3·4 | 70·1 | +1·9 | 92·2 | 66·0 | 84 | +9 | 1·5 | 8 | +2·4 | 6·35 | +2·64 | 1·70 |
| Saugor Island | 29·789 | +·027 | S 23° W | 12·7 | 82·9 | 77·9 | 87·5 | —3·0 | 78·0 | —1·7 | 89·4 | 67·2 | 79 | —2 | 6·9 | 3 | +0·9 | 5·43 | +4·24 | 3·10 |
| Midnapore | 29·624 | +·011 | S 16° E | 5·4 | 82·5 | 75·4 | 100·7 | —0·3 | 76·3 | +0·3 | 109·5 | 67·8 | 71 | +2 | 4·2 | 6 | +2·6 | 2·76 | +0·81 | 0·86 |
| Calcutta | 29·766 | +·018 | S 22° W | 5·7 | 81·5 | 77·3 | 94·4 | —1·2 | 76·2 | +0·5 | 100·6 | 71·3 | 81 | +3 | 5·1 | 8 | +4·7 | 2·85 | +1·05 | 0·81 |
| Jessore | 29·771 | +·030 | S 14° E | 2·7 | 80·6 | 75·5 | 95·0 | —1·7 | 74·3 | —0·6 | 99·9 | 68·9 | 78 | —3 | 5·7 | 4 | —0·9 | 2·65 | —0·85 | 1·09 |
| Burdwan | 29·663 | +·002 | S 24° W | 2·4 | 79·0 | 74·5 | 98·8 | —1·4 | 74·4 | —1·0 | 108·6 | 68·0 | 80 | +8 | 5·3 | 7 | +3·5 | 2·88 | +0·77 | 0·86 |
| Berhampore | 29·722 | +·032 | S 19° E | 4·2 | 80·1 | 74·8 | 97·3 | —2·2 | 74·5 | +0·2 | 105·6 | 66·2 | 77 | +3 | 6·5 | 5 | +2·3 | 3·12 | +1·67 | 1·38 |

W = Mean of 22 days.

# TABLE B.—APRIL 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·729 | +·012 | S 26° W | 5·9 | 82·3 | 77·0 | 98·4 | +1·5 | 76·6 | +0·7 | 105·7 | 67·1 | 78 | +3 | 4·4 | 3 | —0·7 | 1·44 | —0·63 | 0·60 |
| Hukitala (False Point) | 29·783 | +·025 | S 18° W | 12·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·6 | 2 | +0·4 | 1·10 | +0·29 | 0·77 |
| Cuttack | 29·720 | +·024 | S 41° W | 3·6 | 83·4 | 78·1 | 101·0 | —0·6 | 78·6 | +0·8 | 108·7 | 72·2 | 78 | +4 | 4·6 | 1 | —0·8 | 0·33 | —0·83 | 0·30 |
| Puri | 29·796 | +·024 | S 22° W | 14·9 | 82·7 | 79·3 | 87·4 | —0·5 | 80·4 | +1·8 | 89·2 | 76·0 | 85 | 0 | 4·3 | 2 | +0·7 | 0·47 | —0·19 | 0·32 |
| Angul | 29·329 | +·017 | N 73° E | 5·6 | 83·3 | 75·7 | 103·6 | +2·6 | 76·6 | +2·5 | 109·8 | 71·4 | 69 | +2 | 5·3 | 1 | —2·2 | 0·45 | —1·13 | 0·35 |
| Sambalpur | 29·283 | —·002 | S 70° E | 3·3 | 85·5 | 71·6 | 105·7 | +2·1 | 74·8 | —0·6? | 111·1 | 67·9 | 48 | —2 | 1·4 | 0 | —1·5 | 0·06 | —0·59 | 0·06 |
| Chaibasa | 29·017 | —·003 | S 39° W | 3·0 | 82·9 | 72·7 | 105·1 | +2·7 | 76·5 | +2·3 | 110·3 | 69·8 | 60 | —1 | 2·1 | 4 | +1·4 | 1·72 | +0·35 | 0·73 |
| Ranchi | 27·653 | +·003 | S 67° W | 4·0 | 81·6 | 64·7 | 98·5 | +2·2 | 73·9 | +2·0 | 103·6 | 67·8 | 39 | —3 | 1·7 | 2 | —0·6 | 0·82 | —0·15 | 0·49 |
| Purulia | 28·948 | +·019 | S 34° W | 2·8 | 84·1 | 69·8 | 105·2 | +3·4 | 76·5 | +2·1 | 111·9 | 65·5 | 47 | —7 | 2·2 | 1 | —1·6 | 0·50 | —0·60 | 0·50 |
| Daltonganj | 29·006 | —·015 | S 60° E | 3·9 | 82·2 | 66·9 | 106·5 | +5·6? | (g) 72·5 | +2·2 | 111·1 | 63·4 | 42 | —4 | 0·5 | 0 | —1·0 | 0·09 | —0·36 | 0·05 |
| Purnea | 29·655 | +·017 | E | 4·4 | 79·2 | 72·6 | 95·2 | —1·6 | 71·5 | +1·7 | 105·2 | 65·2 | 72 | +4 | 4·1 | 2 | +0·1 | 1·02 | —0·18 | 0·54 |
| Monghyr | 29·591 | .. | N 88° E | (a) 7·9 | 79·9 | 71·7 | 99·7 | .. | 73·4 | .. | 106·2 | 66·9 | 66 | .. | 1·6 | 0 | —1·2 | 0 | —0·84 | 0 |
| Darbhanga | 29·606 | +·024 | N 86° E | 5·4 | 79·7 | 71·7 | 97·0 | +0·9 | 72·7 | +1·5 | 104·9 | 64·1 | 67 | +2 | 1·9 | 2 | +0·5 | 0·32 | —0·39 | 0·21 |
| Pusa | 29·572 | .. | N 78° E | 4·0 | 80·9 | 72·8 | 99·3 | .. | 72·2 | .. | 106·8 | 62·3 | 66 | .. | 1·7 | 1 | —0·7 | 0·69 | —0·24 | 0·69 |
| Patna | 29·562 | +·015 | N 89° E | 5·9 | 83·2 | 71·2 | 99·7 | —0·1 | 75·2 | +1·8 | 105·9 | 70·0 | 54 | +3 | 0·3 | 0 | —0·6 | 0 | —0·32 | 0 |
| Buxar | 29·492 | —·003 | S 76° E | 4·7 | 80·2 | 68·6 | 103·3 | +3·2 | 75·3 | +1·7 | 109·0 | 68·1 | 53 | +11 | 0·6 | 0 | —0·4 | 0 | —0·17 | 0 |
| Gaya | 29·370 | +·006 | S 14° W | 3·2 | 88·1 | 69·6 | 104·5 | +1·8 | 78·7 | +3·6 | 110·8 | 71·4 | 37 | —14 | 0·4 | 0 | —0·5 | 0·11 | —0·11 | 0·07 |
| Naya Dumka | 29·273 | +·016 | S 67° E | 2·8 | 84·3 | 73·7 | 100·8 | +0·9 | 76·1 | +2·0 | 108·8 | 67·4 | 59 | +7 | 1·4 | 1 | —1·0 | 0·49 | —0·45 | 0·45 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·502 | +·028 | S 88° E | 3·0 | 80·8 | 70·2 | 99·3 | —0·6 | 72·9 | +1·0 | 107·6 | 64·3 | 58 | +5 | 0·4 | 1 | +0·2 | 0·58 | +0·16 | 0·58 |
| Benares | 29·477 | +·005 | N 28° E | 3·0 | 86·6 | 69·1 | 104·7 | +2·2 | 74·8 | +3·2 | 109·9 | 65·9 | 39 | —8 | 0·5 | 0 | —0·4 | 0·09 | —0·09 | 0·09 |
| Allahabad | 29·443 | +·012 | N 77° W | 2·9 | 85·5 | 67·2 | 106·7 | +3·5 | 76·1 | +3·9 | 111·4 | 66·8 | 36 | 0 | 0·4 | 0 | —0·5 | 0 | —0·16 | 0 |
| Cawnpore | 29·328 | +·010 | S 17° W | 2·2 | 85·1 | 67·1 | 105·4 | +4·5 | 76·7 | +4·7 | 110·2 | 68·1 | 36 | —3 | 0·1 | 0 | —0·5 | 0 | —0·22 | 0 |
| Lucknow | 29·363 | —·002 | N 85° E | 1·9 | 84·6 | 68·0 | 106·6 | +4·8 | 75·3 | +4·6 | 111·5 | 67·2 | 40 | +1 | 0·6 | 0 | —0·6 | 0 | —0·28 | 0 |
| Bahraich | 29·337 | +·018 | S 85° E | 2·7 | 80·8 | 69·1 | 101·5 | +2·4 | 73·4 | +4·1 | 107·7 | 63·8 | 53 | +2 | 0·5 | 1 | +0·3 | 0·53 | +0·19 | 0·49 |
| Jhansi | 28·934 | —·014 | S 68° W | 3·6 | 87·3 | 66·8 | 106·9 | +3·6 | 77·6 | +0·7 | 111·0 | 68·2 | 30 | —5 | 1·0 | 0 | —0·6 | 0 | —0·16 | 0 |
| Agra | 29·180 | —·013 | S 47° W | 4·7* | 90·1 | 66·7 | 106·1 | +4·9 | 78·1 | +4·7 | 110·7 | 66·8 | 24 | —12 | 1·7 | 0 | —0·6 | 0·02 | —0·21 | 0·02 |
| Mainpuri | 29·215 | —·007 | N 77° W | 1·8 | 85·4 | 65·9 | 106·3 | +5·2 | 74·7 | +5·1 | 111·1 | 65·7 | 31 | —10 | 1·1 | 0 | —0·7 | 0 | —0·39 | 0 |
| Bareilly | 29·160 | +·003 | E | 1·0 | 81·6 | 68·0 | .. | .. | 72·9 | +4·1 | .. | 64·7 | 48 | +1 | 2·0 | 3 | +2·3 | 1·08 | +0·77 | 0·54 |
| Roorkee | 28·829 | +·001 | S 56° E | 3·0 | 80·5 | 63·9 | 100·1 | +3·3 | 69·7 | +4·0 | 106·3 | 57·5 | 36 | —6 | 1·9 | 1 | —0·1 | 0·33 | —0·14 | 0·33 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 29·013 | ·010 | S 84° W | 2·8 | 82·0 | 63·3 | 101·8 | +3·2 | 77·5 | +4·5 | 107·6 | 68·8 | 31 | —8 | 1·1 | 1 | +0·1 | 0·14 | —0·28 | 0·14 |
| Hissar | 29·015 | +·001 | S 49° W | 4·8 | 83·4 | 62·5 | 104·7 | +5·3 | 73·3 | +5·5 | 109·6 | 61·3 | 25 | —17 | 1·2 | 0 | —0·7 | 0 | —0·34 | 0 |
| Patiala | 28·887 | —·038 | N 16° W | 4·2 | 83·1 | 70·0 | 101·8 | +7·6 | 72·8 | +6·2 | 106·6 | 63·8 | 50 | +3? | 0·7 | 0 | —1·3 | 0 | —0·48 | 0 |
| Ambala | 28·822 | —·017 | N 48° E | 4·3 | 83·5 | 63·2 | 103·3 | +7·9 | 73·4 | +7·9 | 109·6 | 64·8 | 28 | —23 | 0·9 | 2 | +0·3 | 0·73 | +0·23 | 0·48 |
| Ludhiana | 28·899 | —·021 | S 83° W | 2·4 | 80·6 | 61·4 | 103·7 | +7·7 | 72·8 | +6·0 | 109·7 | 60·2 | 29 | —17 | 0·5 | 1 | —0·4 | 0·16 | —0·64 | 0·16 |
| Lahore | 29·009 | —·028 | N 44° E | 2·3 | 81·8 | 64·6 | 102·7 | +6·2 | 73·0 | +8·5 | 108·5 | 57·3 | 35 | —15 | 1·5 | 0 | —1·5 | 0·07 | —0·45 | 0·07 |
| Sialkot | 28·879 | —·032 | N 31° E | (a) 2·2 | 82·8 | 65·7 | 101·4 | +7·4 | 71·8 | +5·9 | 106·7 | 57·5 | 37 | —14 | 2·1 | 1 | —1·1 | 0·22 | —0·70 | 0·14 |

(g) Mean of 27 days. (a) Mean of 28 days. * Mean of 13 days.

# TABLE B.—APRIL 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI.—Punjab—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Rawalpindi | 28·083 | —·020 | N 41° W | 3·0 | 76·1 | 60·5 | 96·5 | +9·6 | 68·1 | +8·7 | 104·2 | 56·5 | 37 | —19 | 1·9 | 1 | —2·9 | 0·29 | —1·61 | 0·15 |
| Khushab | 29·121 | —·024 | N 64° E | 5·7 | 85·2 | 65·9 | 102·3 | +8·9 | 71·2 | +4·2 | 109·2 | 58·2 | 32 | —11 | 1·5 | 0 | —2·3 | 0 | —1·05 | 0 |
| Lyallpur | 29·104 | .. | N 66° E | 2·5 | 81·0 | 63·0 | 103·5* | .. | 69·6 | .. | 107·0 | 56·7 | 32 | .. | 1·8 | 0 | —1·6 | 0 | —0·64 | 0 |
| Montgomery | 29·148 | —·038 | N 89° E | 2·7 | 82·3 | 63·7 | 102·6 | +5·4 | 72·1 | +5·2 | 106·0 | 59·9 | 31 | —6 | 1·7 | 0 | —0·9 | 0 | —0·31 | 0 |
| Multan | 29·297 | —·030 | N 37° E | 1·8 | 82·1 | 66·0 | 103·4 | +5·5 | 76·6 | +8·2 | 109·8 | 63·7 | 39 | —8 | 0·8 | 0 | —0·8 | 0 | —0·23 | 0 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·671 | —·028 | N 24° W | 0·7 | 73·5 | 62·4 | 97·3 | +11·8 | 66·3 | +6·0 | 103·6 | 56·9 | 52 | —9 | 1·7 | 1 | —3·1 | 0·48 | —1·42 | 0·45 |
| Dera Ismail Khan | 29·158 | —·037 | N 36° E | 2·3 | 82·2 | 65·1 | 101·3 | +8·0 | 72·1 | +6·9 | 106·8 | 60·1 | 36 | —20 | 1·4 | 0 | —1·7 | 0·05 | —0·72 | 0·05 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·538 | —·023 | N 77° E | 2·6 | 86·4 | 65·8 | 103·6 | +4·0 | 73·7 | +4·0 | 108·5 | 58·2 | 28 | —13 | 0·1 | 0 | —0·5 | 0 | —0·15 | 0 |
| Hyderabad | 29·653 | —·018 | S 37° W | 6·0 | 80·9 | 69·2 | 105·8 | +3·8 | 72·9 | +0·8 | 111·1 | 64·5 | 53 | +6 | 0·2 | 0 | —0·1 | 0 | —0·04 | 0 |
| Karachi | 29·787 | +·001 | S 85° W | 9·5 | 79·7 | 75·2 | 86·2 | +0·9 | 75·2 | +1·2 | 91·2 | 66·0 | 81 | +2 | 2·1 | 0 | —0·2 | 0 | —0·18 | 0 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 28·977 | +·008 | S 36° W | 5·6 | 85·3 | 65·9 | 105·7 | +5·5 | 77·7 | +2·8 | 110·6 | 63·5 | 31 | —7 | 0·7 | 0 | —0·4 | 0·04 | —0·12 | 0·02 |
| Jodhpur | 28·997 | +·003 | S 35° W | 3·3 | 84·7 | 62·2 | 104·7 | +4·0 | 75·7 | +3·1 | 108·5 | 62·1 | 22 | —7 | 1·2 | 0 | —0·4 | 0 | —0·12 | 0 |
| Jaipur | 28·353 | +·002 | N 65° W | (a) 3·8 | 85·6 | 63·6 | 104·0 | +3·8 | 73·1 | +2·5 | 107·6 | 64·8 | 24 | —9 | 0·3 | 0 | —0·5 | 0·03 | —0·14 | 0·03 |
| Ajmer | 28·171 | —·017 | S 66° W | 5·3 | 80·6 | 61·8 | 101·1 | +2·7 | 76·9 | +5·1 | 103·6 | 59·4 | 30 | —9 | 0·6 | 0 | —0·4 | 0 | —0·17 | 0 |
| Kotah | 28·931 | —·003 | N 74° W | 2·2 | 91·7 | 64·1 | 105·8 | +3·9 | 80·1 | +3·6 | 109·6 | 69·6 | 16 | —9 | 0·8 | 0 | —0·6 | 0 | —0·33 | 0 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29·346 | +·014 | S 70° W | 6·6 | 82·2 | 68·3 | 108·4 | +4·6 | 72·0 | +0·5 | 111·7 | 63·0 | 48 | +7 | 0·8 | 0 | —0·1 | 0 | —0·03 | 0 |
| Bhuj | 29·465 | —·003 | N 87° W | 7·1 | 81·9 | 73·6 | 102·9 | +2·5 | 70·4 | —1·1 | 107·7 | 62·1 | 67 | +8 | 0·4 | 0 | —0·1 | 0 | —0·08 | 0 |
| Jamnagar | .. | .. | S 81° W | 8·0 | 82·4 | 74·6 | 99·6 | +4·3? | 70·3 | —0·3 | 106·1 | 63·6 | 68 | 0 | 0·5 | 0 | —0·1 | 0 | —0·05 | 0 |
| Dwarka | 29·801 | —·003 | S 89° W | 9·6 | 80·7 | 76·2 | 86·6 | +1·8 | 77·9 | +1·9 | 94·6 | 72·1 | 81 | +1 | 1·8 | 0 | —0·1 | 0 | —0·07 | 0 |
| Rajkot | 29·382 | —·009 | S 84° W | 8·3 | 81·3 | 72·2 | 105·3 | +3·1 | 70·9 | +1·8 | 109·1 | 59·6 | 64 | 0 | 1·9 | 0 | —0·1 | 0 | —0·03 | 0 |
| Veraval | 29·811 | +·001 | N 65° W | 8·5 | 79·0 | 73·6 | 85·7 | —0·7 | 74·3 | +2·0 | 100·9 | 64·6 | 77 | +3 | 1·6 | 0 | 0 | 0 | 0 | 0 |
| Bhavnagar Para | 29·779 | +·014 | S 87° W | 4·4 | 84·5 | 67·8 | 105·6 | +3·7 | 73·4 | —1·2 | 109·6 | 68·6 | 40 | —16? | 0·5 | 0 | —0·2 | 0 | —0·10 | 0 |
| Surat | 29·798 | +·007 | S 5° W | 2·4 | 84·4 | 75·2 | 101·6 | +1·8 | 75·5 | +2·4 | 109·4 | 70·4 | 64 | 0 | 1·2 | 0 | —0·1 | 0 | —0·04 | 0 |
| Ahmadabad | 29·668 | +·016 | N 43° W | 3·7 | 83·2 | 69·3 | 107·5 | +2·9 | 75·7 | +0·8 | 111·4 | 70·8 | 48 | +1 | 0·3 | 0 | —0·1 | 0 | —0·04 | 0 |
| Bombay | 29·801 | —·003 | S 72° E | 6·2 | 82·1 | 76·8 | 90·7 | +2·1 | 78·8 | +1·3 | 96·2 | 74·9 | 78 | +3 | 2·4 | 0 | —0·1 | 0 | —0·05 | 0 |
| Ratnagiri | 29·628 | +·002 | W | 6·2 | 84·6 | 76·2 | 89·3 | —0·4 | 79·0 | +1·9 | 91·5 | 74·1 | 66 | —4 | 3·7 | 0 | —0·3 | 0 | —0·09 | 0 |
| Marmagao | 29·782 | +·004 | E | 5·2 | 84·5 | 78·3 | 90·3 | +0·9 | 79·8 | +0·6 | 94·4 | 75·4 | 75 | 0 | 6·1 | 1 | +0·1 | 0·32 | —0·42 | 0·23 |
| Karwar | 29·798 | +·007 | N | 2·4 | 81·9 | 77·6 | 91·6 | +2·1 | 78·7 | +1·2 | 94·1 | 72·6 | 81 | +3 | 4·9 | 3 | +2·0 | 0·43 | —0·08 | 0·23 |
| Malegaon | 28·384 | +·003 | N 87° W | 6·1 | 87·6 | 63·1 | 105·3 | +2·1 | 71·7 | +0·4 | 107·3 | 62·9 | 21 | —21 | 1·0 | 0 | —0·4 | 0 | —0·12 | 0 |
| Ahmadnagar | 27·709 | +·018 | S 33° E | 6·1 | 87·3 | 63·3 | 103·4 | +3·7 | 71·8 | +2·1 | 108·8 | 65·2 | 24 | —23 | 0 | 1 | —0·1 | 0·15 | —0·17 | 0·15 |
| Poona | 28·015 | +·023 | W | 6·5 | 81·2 | 65·0 | 103·0 | +1·6 | 69·6 | +0·4 | 106·4 | 62·1 | 40 | —1 | 7·9 | 3 | +1·6 | 0·87 | +0·25 | 0·59 |
| Sholapur | 28·224 | +·003 | N 31° E | 5·2 | 85·0 | 66·7 | (a) 103·8 | (a) —0·6 | 76·4 | +1·1 | 109·1 | 70·0 | 38 | +1 | 1·8 | 2 | +1·0 | 0·34 | —0·13 | 0·16 |
| Bijapur | 27·885 | +·010 | N 72° W | 3·1 | 83·5 | 68·6 | 101·7 | +1·0 | 75·4 | +0·9 | 107·4 | 68·3 | 46 | —8 | 2·7 | 0 | —2·1 | 0·09 | —0·69 | 0·05 |
| Belgaum | 27·322 | +·017 | S 22° W | 4·0 | 74·8 | 68·5 | 96·1 | +0·2 | 67·7 | +0·6 | 100·2 | 62·8 | 73 | +15 | 3·2 | 5 | +1·6 | 4·05 | +2·43 | 1·56 |

* Mean of 20 days.

(a) Mean of 28 days.

# TABLE B.—APRIL 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. Mean 8 hrs. pressure reduced to 32° and standard gravity. | Pressure. Departure from normal. | Wind. Resultant direction. | Wind. Mean velocity, miles per hour. | Temperature. Mean of 8 hrs. dry bulb. | Temperature. Mean of 8 hrs. wet bulb. | Temperature. Mean maximum. | Temperature. Departure from normal. | Temperature. Mean minimum. | Temperature. Departure from normal. | Temperature. Highest temperature observed during month. | Temperature. Lowest temperature observed during month. | Humidity. Mean humidity at 8 hrs. | Humidity. Departure from normal | Mean cloud amount at 8 hrs. | Rainfall. Number of rainy days. | Rainfall. Departure from normal. | Rainfall. Rainfall of month. | Rainfall. Departure from normal. | Rainfall. Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 28·189 | +·001 | E | 5·5 | 90·2 | 67·3 | 102·7 | +2·9 | 73·0 | +2·0 | 105·3 | 63·0 | 28 | —9 | 0 | 0 | —0·3 | 0 | —0·12 | 0 |
| Indore | 28·002 | +·013 | N 48° W | 4·6 | 86·7 | 65·7 | 103·7 | +3·7 | 72·1 | +2·3 | 105·9 | 63·4 | 29 | —10 | 0·2 | 0 | —0·4 | 0 | —0·15 | 0 |
| Nowgong | 29·000 | —·003 | S 79° W | 1·9 | 85·3 | 63·1 | 106·0 | +3·8 | 73·1 | +1·9 | 110·1 | 61·9 | 23 | —14 | 1·5 | 0 | —0·3 | 0 | —0·19 | 0 |
| Sutna | 28·708 | —·001 | N 76° W | 2·6 | 86·8 | 63·5 | 104·5 | +3·6 | 75·9 | +4·2 | 108·3 | 65·8 | 23 | —5 | 0·7 | 0 | —0·4 | 0·02 | —0·19 | 0·02 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | | | N 74° W | 6·9 | 86·4 | 63·8 | 102·5 | +2·7 | 79·1 | +2·7 | 105·5 | 70·9 | 25 | | 2·1 | 0 | —0·6 | 0·02 | —0·21 | 0·02 |
| Akola | 28·878 | +·018 | N 83° W | 4·7 | 90·0 | 65·5 | 109·2 | +3·5 | 77·1 | +2·4 | 112·0 | 69·0 | 21 | —9 | 2·2 | 0 | —0·6 | 0 | —0·17 | 0 |
| Amraoti | 28·583 | +·013 | S 86° W | 4·6 | 89·9 | 64·0 | 107·6 | +2·8 | 80·4 | +4·2 | 110·5 | 76·3 | 19 | —16 | 2·6 | 1 | +0·3 | 0·19 | —0·06 | 0·19 |
| Khandwa | 28·751 | +·005 | N 73° W | 5·7 | 87·3 | 63·6 | 108·1 | +3·6 | 75·8 | +0·7 | 109·6 | 66·7 | 21 | —8 | 1·1 | 0 | —0·3 | 0 | —0·11 | 0 |
| Hoshangabad | 28·789 | +·014 | S 63° W | 2·3 | 85·7 | 63·0 | 106·9 | +2·7 | 74·4 | +0·9 | 109·1 | 64·0 | 22 | —15 | 0·5 | 0 | —0·3 | 0 | —0·14 | 0 |
| Saugor | 27·950 | —·035? | N 83° W | 4·8 | 85·9 | 59·2 | 103·8 | +3·3 | 76·6 | +3·5 | 106·4 | 69·2 | 14 | —16 | 1·5 | 0 | —0·4 | 0 | —0·16 | 0 |
| Jubbulpore | 28·436 | —·005 | S | 2·2 | 86·0 | 65·1 | 103·7 | +2·4 | 73·2 | +3·0 | 106·5 | 62·9 | 29 | —6 | 0·3 | 0 | —0·7 | 0·08 | —0·19 | 0·08 |
| Seoni | 27·789 | +·021 | W | 4·1 | 88·5 | 64·7 | 102·2 | +1·7 | 74·3 | +3·4 | 106·0 | 66·7 | 28 | —8 | 1·5 | 1 | —0·4 | 0·25 | —0·25 | 0·14 |
| Nagpur | 28·777 | +·021 | S 69° W | 4·6 | 89·3 | 66·3 | 107·1 | +1·9 | 78·6 | +2·6 | 110·6 | 69·9 | 26 | —9 | 2·0 | 0 | —1·4 | 0 | —0·61 | 0 |
| Pendra | 27·767 | +·015 | S 41° W | 5·6 | 87·5 | 64·1 | 102·2 | +6·0? | 76·3 | +5·0 | 105·9 | 68·4 | 24 | —6 | 3·2 | 0 | —2·4 | 0 | —1·06 | 0 |
| Raipur | 28·825 | +·025 | S 45° W | 3·0 | 88·0 | 63·8 | 105·2 | +1·8 | 79·1 | +2·6 | 110·2 | 71·4 | 30 | —7 | 1·5 | 3 | +1·5 | 0·38 | —0·30 | 0·14 |
| Chanda | 29·155 | +·005 | S 26° E | 3·4 | 89·2 | 72·6 | 107·2 | +1·0 | 78·9 | +2·7 | 113·5 | 73·0 | 44 | +3? | 2·8 | 1 | —0·7 | 0·28 | —0·41 | 0·28 |
| Jagdalpur | 28·018 | | S 36° W | 3·2 | 82·7 | 71·9 | 99·9 | | 72·6 | | 105·6 | 68·1 | 59 | | 0·5 | 3 | —1·0 | 1·21 | —0·71 | 0·80 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 27·936 | +·008 | N 73° W | 8·9 | 87·0 | 61·5 | 104·2 | +1·9 | 77·3 | +4·3 | 106·8 | 69·1 | 17 | —12 | 1·2 | 0 | —0·6 | 0·04 | —0·22 | 0·04 |
| Nizamabad | 28·555 | ? | S 44° W | 2·8 | 88·4 | 70·1 | 106·3 | +3·0 | 78·4 | +1·9 | 112·4 | 72·3 | 39 | —12 | 3·4 | 2 | +0·2 | 0·69 | —0·24 | 0·37 |
| Bidar | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gulbarga | 28·311 | +·009 | S 37° W | 6·6 | 84·4 | 71·7 | 104·3 | +0·9 | 75·9 | —0·4 | 109·9 | 69·6 | 53 | +3 | 1·5 | 3 | +0·7 | 0·94 | —0·02 | 0·52 |
| Raichur | 28·496 | +·019 | S 73° W | 6·4 | 83·8 | 72·1 | 101·7 | —0·7 | 77·5 | —1·5 | 107·3 | 70·1 | 56 | +5 | 1·8 | 3 | +1·6 | 1·13 | +0·32 | 0·60 |
| Hyderabad (Deccan) | 28·119 | +·029 | S 24° W | 3·7 | 84·0 | 72·4 | 101·8 | +0·5 | 77·3 | +1·1 | 107·8 | 72·5 | 57 | +5 | 3·1 | 2 | +0·3 | 0·44 | —0·52 | 0·23 |
| Hanamkonda | 28·942 | +·027 | S 4° W | 6·4 | 85·5 | 73·2 | 103·1 | +1·3 | 78·9 | +1·8 | 110·5 | 74·0 | 54 | —8 | 3·3 | 0 | —1·9 | 0·02 | —0·97 | 0·02 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·465 | +·019 | S 74° W | 4·6 | 77·7 | 70·7 | 95·0 | —1·8 | 72·3 | —0·2 | 101·1 | 65·7 | 71 | +10 | 4·1 | 2 | —0·1 | 1·78 | +0·76 | 1·11 |
| Hassan | 26·779 | +·027 | N 72° W | 4·1 | 74·9 | 69·5 | 90·2 | —1·8 | 67·2 | +0·7 | 96·2 | 60·3 | 77 | +7 | 4·1 | 7 | +3·0 | 5·48 | +3·36 | 1·50 |
| Bangalore | 26·890 | +·010 | S 57° W | 4·6 | 75·5 | 69·3 | 91·7 | —1·6 | 69·0 | —0·3 | 97·1 | 65·6 | 72 | +1 | 5·5 | 3 | +0·8 | 3·52 | +2·16 | 1·98 |
| Mysore | 27·368 | +·011 | S 70° W | 3·3 | 76·6 | 70·5 | 91·8 | —2·7 | 70·2 | +0·1 | 97·3 | 67·1 | 73 | —1 | 4·7 | 6 | +1·5 | 6·94 | +4·51 | 5·25 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·776 | 0 | N 65° E | 4·8 | 84·7 | 77·3 | 92·7 | +1·0 | 78·9 | +0·7 | 95·9 | 74·1 | 70 | +1 | 4·1 | 3 | +0·9 | 0·87 | —0·45 | 0·29 |
| Calicut | 29·816 | +·009 | N 83° E | 5·1 | 81·3 | 78·2 | 89·1 | —1·9 | 77·9 | —0·1 | 91·8 | 73·0 | 87 | +10 | 6·9 | 7 | +2·7 | 8·32 | +4·78 | 2·98 |
| Cochin | 29·838 | +·011 | N 72° E | 3·7 | 83·0 | 77·8 | 90·2 | —1·4 | 77·4 | —1·0 | 92·6 | 72·8 | 79 | +2 | 5·6 | 9 | +2·5 | 8·90 | +3·94 | 2·49 |
| Trivandrum | 29·646 | +·020 | N 40° W | 3·3 | 80·8 | 77·1 | 87·5 | —0·1 | 77·7 | —0·5 | 89·9 | 74·8 | 84 | +5 | 5·8 | 10 | +3·2 | 4·20 | —0·38 | 1·64 |
| Pamban | 29·785 | 0 | S 16° E | 6·9 | 83·6 | 77·7 | 93·0 | +1·5 | 79·6 | +0·5 | 94·2 | 76·9 | 75 | —3 | 2·9 | 4 | +0·7 | 2·70 | +0·94 | 1·57 |
| Madura | 29·394 | +·019 | N 40° E | 2·7 | 83·1 | 77·3 | 96·8 | —2·2 | 77·4 | +0·7 | 101·2 | 74·1 | 76 | +5 | 6·3 | 7 | +4·0 | 1·98 | —0·16 | 0·40 |
| Pudukkottai | 29·524 | +·017 | S 37° W | 2·8 | 83·5 | 76·6 | 96·5 | —2·8 | 77·5 | —0·1 | 101·9 | 73·1 | 72 | —3 | 5·3 | 6 | +3·6 | 2·58 | +0·89 | 1·05 |

# TABLE B.—APRIL 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV.—Madras.—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Negapatam | 29·803 | +·011 | S 10° W | 6·4 | 83·8 | 77·3 | 91·0 | —1·7 | 79·0 | —0·3 | 94·9 | 72·1 | 74 | 0 | 4·4 | 5 | +4·0 | 2·19 | +1·58 | 0·95 |
| Trichinopoly | 29·577 | +·005 | S 68° W | 2·1 | 84·4 | 77·7 | 98·6 | —2·5 | 76·8 | —0·9 | 103·7 | 72·0 | 73 | +4 | 4·3 | 4 | +2·2 | 2·50 | +0·72 | 1·75 |
| Coimbatore | 28·516 | +·029 | N 86° E | 2·7 | 80·6 | 74·6 | 94·8 | —2·4 | 73·0 | —0·5 | 99·0 | 68·9 | 74 | —7 | 2·8 | 7 | +4·2 | 3·22 | +1·71 | 1·02 |
| Salem | 28·923 | +·013 | S 5° W | 3·5 | 81·7 | 75·0 | 97·6 | —3·2 | 75·2 | —1·0 | 103·1 | 70·2 | 72 | —1 | 2·5 | 6 | +2·5 | 3·99 | +2·08 | 2·24 |
| Cuddalore | 29·795 | +·008 | S 32° W | 6·3 | 84·4 | 78·1 | 91·7 | —1·3 | 78·3 | +1·0 | 96·8 | 74·5 | 74 | —4 | 4·9 | 0 | —1·0 | 0·02 | —0·60 | 0·02 |
| Vellore | 29·127 | +·012 | E | 2·3 | 82·2 | 76·8 | 98·0 | —0·6 | 76·6 | +0·1 | 103·2 | 73·4 | 77 | +4 | 2·6 | 3 | +1·4 | 0·41 | —0·82 | 0·16 |
| Madras | 29·808 | +·006 | S 27° W | 3·8 | 83·9 | 78·3 | 92·5 | —0·6 | 78·2 | +0·8 | 95·9 | 73·5 | 77 | +2 | 4·5 | 3 | +2·2 | 1·99 | +1·39 | 0·91 |
| Cuddapah | 29·384 | +·013 | S 4° E | .. | 86·4 | 76·1 | 102·4 | —3·1 | 80·1 | —0·6 | 107·6 | 70·3 | 61 | +5 | 4·3 | 3 | +2·1 | 2·33 | +1·83 | 1·87 |
| Bellary | 28·350 | +·015 | N 69° W | 4·1 | 83·8 | 72·1 | 101·3 | —2·3 | 76·4 | —0·8 | 106·6 | 67·7 | 55 | +5 | 3·3 | 4 | +2·1 | 1·31 | +0·48 | 0·82 |
| Kurnool | 28·890 | +·019 | S 48° W | 2·1 | 84·3 | (a) 75·0 | 102·8 | —1·2 | 79·0 | +0·5 | 109·0 | 72·6 | (a) 60 | +5 | 3·7 | 1 | —0·7 | 0·95 | +0·32 | 0·86 |
| Nellore | 29·737 | —·001 | S 5° E | 4·3 | 82·7 | 77·3 | 96·6 | —3·8 | 77·2 | —0·2 | 103·2 | 69·9 | 77 | +3 | 4·3 | 2 | +1·5 | 1·55 | +1·13 | 0·78 |
| Masulipatam | 29·818 | +·012 | S 17° W | 6·2 | 83·8 | 77·9 | 92·7 | —2·1 | 76·7 | —1·0 | 97·3 | 69·0 | 76 | —5 | 6·0 | 3 | +2·2 | 3·16 | +2·56 | 2·00 |
| Cocanada | 29·813 | +·014 | S 48° W | 6·1 | 83·6 | 78·9 | 94·9 | —1·1 | 78·3 | —0·2 | 101·9 | 74·8 | 80 | +4 | 6·7 | 1 | 0 | 0·99 | +0·38 | 0·86 |
| Waltair (Vizagapatam) | 29·788 | +·017 | N 81° W | 8·9 | 83·8 | 77·4 | 88·9 | —0·5 | 79·5 | +1·3 | 92·1 | 71·0 | 74 | +3 | 5·7 | 1 | —0·9 | 2·41 | +1·56 | 2·27 |
| Calingapatam | 29·796 | .. | S 45° W | 8·5 | 84·0 | 78·3 | 91·4 | .. | 77·9 | .. | 93·8 | 73·8 | 77 | .. | 4·0 | 3 | +0·3 | 1·66 | —0·01 | 0·66 |
| Gopalpur | 29·750 | +·028 | S 40° W | 12·1 | 82·6 | 79·7 | 88·3 | +0·4 | 79·3 | +2·2 | 90·2 | 75·1 | 87 | +5 | 2·5 | 1 | —0·6 | 0·88 | +0·03 | 0·88 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser | 29·799 | | S 36° W | | 83·0 | 79·8 | | | | | | | 86 | | 3·7 | 2 | +0·4 | 1·43 | +0·67 | 0·93 |
| Port Blair | 29·788 | +·002 | N 30° W | 4·4 | 83·4 | 78·4 | 91·7 | —0·6 | 78·9 | +0·1 | 94·4 | 76·7 | 79 | —4 | 3·4 | 3 | —1·1 | 1·47 | —1·26 | 0·82 |
| Table Island | 29·773 | +·011 | N 30° W | 4·9 | 84·4 | 79·6 | 90·3 | +0·7 | 80·5 | +1·1 | 92·2 | 78·3 | 80 | +5 | 4·0 | 2 | +0·7 | 0·60 | —0·12 | 0·46 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | 27·465 | | S 31° W | 2·3 | 71·5 | 59·5 | 89·5 | .. | 61·7 | .. | 99·2 | 50·3 | 48 | | 1·9 | 2 | —7·0 | 0·52 | —4·39 | 0·24 |
| Srinagar | 24·925 | +·059 | S 15° E | 1·7 | 55·9 | 51·9 | 70·1 | +3·5 | 47·5 | +2·5 | 79·5 | 38·3 | 76 | —9 | 4·1 | 3 | —4·7 | 1·53 | —2·27 | 0·71 |
| Gulmarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dras | 20·860 | +·088 | S 56° W | 2·6 | 35·2 | (b) 36·5 | 46·3 | +2·5 | 30·8 | +11·0 | 57·9 | 15·8 | (b) 95 | +7 | 5·8 | 11 | +2·4 | 4·63 | +0·77 | 0·75 |
| Leh | 19·770 | +·097 | S | 2·4 | 41·7 | (c) 34·8 | 58·1 | +2·6 | 33·1 | +2·8 | 66·5 | 25·8 | (c) 51 | +2 | 3·9 | 1 | +0·1 | 0·21 | —0·04 | 0·15 |
| Skardu | 22·926 | +·076 | S 37° E | 5·1 | 50·8 | 43·5 | 64·4 | +2·9 | 45·3 | +3·1 | 74·0 | 37·5 | 57 | —3 | 5·2 | 4 | +1·1 | 0·58 | —0·67 | 0·15 |
| Gilgit | 25·223 | +·116 | W | 0·4 | 60·2 | 53·8 | 75·2 | +3·7 | 53·5 | +0·7 | 86·0 | 47·6 | 66 | +15 | 5·9 | 7 | +4·1 | 1·71 | +0·65 | 0·37 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·432 | .. | S 73° W | (d) 6·0 | 64·8 | 52·2 | 88·0 | | 59·1 | | 95·5 | 47·5 | 42 | | 2·1 | 11 | —1·9 | 0·40 | —0·76 | 0·35 |
| Quetta | 24·627 | +·030 | Calm | 1·8 | 57·2 | 48·0 | 80·6 | +6·7 | 48·6 | +2·8 | 87·5 | 37·9 | 50 | —1 | 1·8 | 2 | —1·0 | 0·66 | —0·40 | 0·35 |
| Chaman | 25·641 | —·008 | S 52° E | 6·3 | 68·2 | 51·3 | 85·7 | +8·4 | 60·2 | +6·0 | 93·9 | 52·4 | 29 | —21 | 3·3 | 1 | —0·8 | 0·20 | —0·49 | 0·12 |
| Kalat | 23·727 | .. | S 14° W | 4·8 | 52·8 | 42·6 | 78·2 | +4·0 | .. | .. | 86·2 | .. | 42 | —7 | 0·6 | 1 | —0·6 | 0·20 | —0·36 | 0·18 |
| Dalbandin | 27·050 | .. | N 30° E | 5·2 | 68·8 | 59·8 | 94·6 | .. | 58·2 | .. | 109·5 | 46·2 | 58 | | 1·5 | 1 | +0·2 | 0·15 | —0·28 | 0·15 |
| Pasni | 29·788 | | N 58° W | 6·7 | 76·4 | 70·6 | 95·2 | .. | 69·6 | | 107·3 | 59·4 | 76 | | 2·1 | 0 | —0·6 | 0 | —0·52 | 0 |
| Panjgur | 26·672 | | N 62° E | 4·7 | 67·0 | 56·7 | 92·9 | | 60·8 | | 99·4 | 51·8 | 51 | | 1·3 | 0 | | 0 | | 0 |
| Seistan (l) | 28·065 | | N 42° W | 5·5 | 65·0 | 58·9 | 89·7 | | 60·6 | | 101·5 | 52·7 | 69 | | 2·8 | 0 | | 0 | | 0 |

(a) Mean of 27 days. (b) Mean of 26 days. (c) Mean of 25 days. (d) Mean of 21 days. (l) Aneroid.

# TABLE B.—APRIL 1921—*concld.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. Mean 8 hrs. pressure reduced to 32° and standard gravity. | Pressure. Departure from normal. | Wind. Resultant direction. | Wind. Mean velocity, miles per hour. | Temperature. Mean of 8 hrs. dry bulb. | Temperature. Mean of 8 hrs. wet bulb. | Temperature. Mean maximum. | Temperature. Departure from normal. | Temperature. Mean minimum. | Temperature. Departure from normal. | Temperature. Highest temperature observed during month. | Temperature. Lowest temperature observed during month. | Humidity. Mean humidity at 8 hrs. | Humidity. Departure from normal. | Mean cloud amount at 8 hrs. | Rainfall. Number of rainy days. | Rainfall. Departure from normal. | Rainfall. Rainfall of month. | Rainfall. Departure from normal. | Rainfall. Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill stations excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachinar | 24·407 | +·022 | Calm | ? | 65·6 | 51·4 | 77·8 | +10·2 | 53·7 | +7·0 | 85·4 | 47·1 | 38 | —17 | 4·6 | 5 | —4·2 | 1·17 | —3·28 | 0·30 |
| Cherat | 25·673 | +·030 | N 14° W | 5·5 | 68·1 | 53·6 | 81·3 | +8·6 | 62·3 | +6·4 | 89·3 | 49·4 | 37 | —13 | 2·5 | 1 | —4·3 | 0·66 | —2·14 | 0·66 |
| Drosh (a) | 25·055 | | N 75° E | 2·8 | 57·8 | 50·2 | 73·0 | +3·3 | 53·5 | +4·7 | 85·7 | 44·2 | 59 | —5 | 3·5 | 6 | —2·5 | 2·66 | —1·67 | 0·75 |
| Murree | 23·972 | +·025 | S 23° E | 4·8 | 64·1 | 50·9 | 73·9 | +6·9 | 57·7 | +6·8 | 80·3 | 45·0 | 40 | —8 | 2·9 | 3 | —3·9 | 0·74 | —3·32 | 0·23 |
| Simla | 23·113 | +·055 | .. | .. | 62·1 | 47·5 | 70·1 | +4·9 | 57·1 | +5·7 | 75·3 | 45·8 | 32 | —8 | 2·1 | 1 | —2·6 | 0·65 | —1·10 | 0·47 |
| Chakrata | 23·394 | | N 65° E | 8·7 | 64·7 | 49·8 | 77·5 | +8·2 | 56·4 | +4·8 | 83·2 | 44·9 | 34 | —12 | 2·0 | 1 | —3·0 | 0·47 | —1·22 | 0·36 |
| Mukteswar | 22·847 | +·038 | W | 7·5 | 61·5 | 46·9 | 72·9 | +3·6 | 52·4 | +2·0 | 77·8 | 40·4 | 31 | —9 | 1·3 | 1 | —2·6 | 0·20 | —1·25 | 0·13 |
| Darjiling | 22·930 | +·033 | N 30° E | 3·9 | 54·8 | 52·1 | 65·0 | +2·5 | 50·1 | +1·6 | 72·8 | 45·7 | 84 | +6 | 5·6 | 9 | +1·7 | 7·17 | +3·37 | 2·38 |
| Kalimpong | 25·991 | | | | 64·1 | 60·2 | 73·4 | .. | 59·6 | .. | 78·6 | 55·0 | 80 | | 4·6 | ? | .. | ? | .. | ? |
| Shillong | 25·156 | +·099 | S 33° W | 4·2 | 63·3 | 58·0 | 73·3 | —0·5 | 56·3 | —0·3 | 81·9 | 51·7 | 73 | +12 | 5·7 | 16 | +5·8 | 7·27 | +2·14 | 1·15 |
| Cherrapunji | 25·669 | +·043 | S 40° W | 4·7 | 63·5 | 60·5 | 70·4 | —0·1 | 59·3 | +0·8 | 74·7 | 51·2 | 85 | 0 | 6·2 | 21 | +2·8 | 29·10 | —2·49 | 5·25 |
| Netarhat | .. | .. | N 88° W | .. | 81·3 | 61·9 | 96·4 | .. | 71·3 | .. | 98·8 | 62·3 | 32 | | 0 | 0 | | 0 | .. | 0 |
| Maymyo | 26·385 | +·014 | S 51° W | 1·4 | 69·2 | 63·7 | 85·1 | +0·8 | 60·9 | +1·5 | 91·2 | 56·2 | 74 | +5 | 3·6 | 6 | +2·7 | 3·76 | +1·42 | 1·67 |
| Pachmarhi | 26·412 | +·018 | N 58° W | 5·4 | 82·6 | 59·8 | 95·9 | +3·8 | 71·9 | +2·5 | 98·0 | 61·1 | 23 | —7 | 0 | 0 | —0·7 | 0·08 | —0·21 | 0·08 |
| Mount Abu | 26·022 | +·026 | S 81° W | 5·7 | 79·2 | 56·2 | 87·8 | +3·0 | 72·0 | +3·3 | 91·0 | 67·6 | 19 | —11 | 0·6 | 0 | —0·4 | 0 | —0·13 | 0 |
| Mercara | 26·166 | 0 | N 10° W | 2·0 | 69·2 (b) | 66·2 (b) | 82·7 (c) | —1·3 (c) | 62·7 (b) | —1·2 (b) | 89·0 | 59·4 | 85 (b) | +6 | 5·1 | 5 | —0·1 | 2·03 | —0·61 | 0·81 |
| Ootacamund | 23·025 | +·020 | S 71° E | 2·9 | 62·6 | 54·7 | 71·8 | +0·7 | 52·0 | +0·1 | 76·1 | 48·2 | 62 | +8 | 6·5 | 9 | +2·7 | 3·23 | +0·63 | 0·96 |
| Kodaikanal | 22·790 | +·004 | N 47° E | 7·6 | 59·4 | 52·9 | 69·0 | —0·3 | 52·4 | —1·3 | 73·5 | 49·4 | 67 | +8 | 4·3 | 11 | +3·6 | 9·86 | +5·35 | 2·58 |
| **Extra India.** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee | 29·747 | +·031 | S 45° W | 3·8 | 78·4 | 76·1 | 93·2 | +1·7 | 76·1 | —1·6 | 97·7 | 71·9 | 89 | +5 | 5·9 | 5 | +2·0 | 1·92 | 0 | 0·79 |
| Colombo | 29·827 | +·012 | S 82° E | 2·6 | 76·6 | 75·3 | 87·8 | —1·5 | 75·5 | —0·7 | 90·2 | 72·0 | 94 | +11 | 6·5 | 13 | +2·4 | 8·16 | —1·55 | 1·69 |
| Hambantota | 29·783 | .. | N 47° W | 6·8 | 77·2 | 74·6 | 87·7 | | 75·9 | | 90·1 | 72·2 | 88 | .. | 5·3 | 5 | .. | 2·96 | —0·30 | 1·20 |
| Minicoy | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Amini Divi | 29·832 | +·005 | N 42° W | 4·9 | 86·0 | 78·1 | 93·6 | +2·7 | 79·6 | —0·3 | 96·2 | 76·5 | 69 | —4 | 4·1 | 3 | +1·3 | 1·25 | —0·43 | 0·64 |
| Gyantse | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pharijong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gangtok * | 24·216 | —·190 | N 45° E | 6·1† | 59·7 | 57·7 | 70·7 | +0·3 | 57·2 | +10·1 | 74·1 | 52·0 | 89 | +14 | 6·3 | 10 | —5·2 | 6·84 | —5·09 | 1·57 |
| Gartok (a) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgar (a) | 25·441 | —·089 | N 27° E | 1·6 | 59·5 | 53·4 | 76·1 | +5·6 | 50·5 | +2·6 | 91·3 | 40·3 | 68 | +21 | 4·1 | 1 | 0 | 0·13 | —0·13 | 0·13 |
| Kabul (a) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed | | | N 24° E | 2·3 | 54·3 | 51·0 | 71·2 | +3·0 | 48·6 | +1·7 | 82·9 | 40·0 | 80 | +12 | 4·8 | 6 | +1·0 | 1·64 | —0·26 | 0·38 |
| Jask | 29·780 | —·042 | N 31° E | 8·4 | 77·7 | 70·6 | 90·3 | +3·8 | 68·4 | —4·8 | 95·3 | 62·4 | 70 | +2 | 1·2 | 0 | —0·3 | 0 | —0·08 | 0 |
| Muscat | 29·809 | —·008 | N 33° W | 2·2 | 86·0 | 73·1 | 94·2 | +7·7 | 80·9 | +1·2 | 100·5 | 75·1 | 54 | —5 | 0·8 | 0 | —0·7 | 0 | —0·30 | 0 |
| Bushire | 29·799 | —·056 | N 15° W | 7·6 | 76·8 | 66·9 | 86·4 | +5·2 | 70·9 | +3·8 | 100·2 | 64·5 | 58 | —8 | 6·5 | 1 | —0·1 | 0·12 | —0·36 | 0·12 |
| Busrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kerman (a) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (a) | 24·239 | —·091 | S 63° W | 2·1 | 54·7 | 47·9 | 72·0 | 0 | 48·6 | +2·8 | 81·4 | 37·2 | 61 | 0 | 3·0 | 1 | —1·5 | 0·43 | —0·15 | 0·25 |
| Tehran (a) | 25·667 | —·215 | N 45° E | 4·3 | 55·2 | 48·3 | 71·9 | +0·5 | 51·2‡ | +3·1‡ | 86·5 | 42·0 | 60 | +3 | 0·8 | 10 | +6·5 | 2·92 | +1·55 | 0·60 |
| Baghdad | 29·716 | —·060 | N 20° E | 4·0 | 65·8 | 55·5 | 85·1 | +2·3 | 61·8 | +3·7 | 97·1 | 52·5 | 49 | —11 | 5·1 | 1 | —1·0 | 0·21 | —0·60 | 0·12 |
| Aden | 29·753 | —·021 | N 39° E | 13·6 | 79·3 | 73·3 | 88·9 | +0·2 | 76·8 | —0·9 | 94·8 | 73·1 | 74 | 0 | 3·9 | 0 | —0·3 | 0 | —0·21 | 0 |
| Zanzibar | 29·876 | +·016 | S 16° W | 4·8 | 78·9 | 75·9 | 84·0 | —0·4 | 76·4 | —0·9 | 87·1 | 73·2 | 87 | 0 | 8·1 | 20 | +5·2 | 17·00 | +3·27 | 3·77 |

(a) Aneroid. (b) Mean of 29 days. (c) Mean of 28 days. * Mean of 20 days. † Mean of 19 days. ‡ Mean of 14 days.

# TABLE B.—MAY 1921.

*Abstract of 8 hrs. observations.*

| Station. | Pressure. Mean 8 hrs. pressure reduced to 32° and standard gravity. | Pressure. Departure from normal. | Wind. Resultant direction. | Wind. Mean velocity, miles per hour. | Temperature. Mean of 8 hrs. dry bulb. | Temperature. Mean of 8 hrs. wet bulb. | Temperature. Mean maximum. | Temperature. Departure from normal. | Temperature. Mean minimum. | Temperature. Departure from normal. | Temperature. Highest temperature observed during month. | Temperature. Lowest temperature observed during month. | Humidity. Mean humidity at 8 hrs. | Humidity. Departure from normal. | Mean cloud amount at 8 hrs. | Rainfall. Number of rainy days. | Rainfall. Departure from normal. | Rainfall. Rainfall of month. | Rainfall. Departure from normal. | Rainfall. Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point | 29·645 | .. | S 54° E | 4·0 | 79·2 | 76·9 | 85·2 | .. | 75·2 | .. | 96·6 | 72·7 | 89 | .. | 6·5 | 23 | +4·2 | 21·81 | +5·45 | 2·12 |
| Mergui | 29·717 | —·031 | S 64° E | 4·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5·8 | 23 | +5·4 | 18·43 | +0·94 | 3·83 |
| Tavoy | 29·759 | —·043 | S 24° W | 1·5 | 79·1 | 76·7 | 87·8 | —0·7 | 75·2 | —0·2 | 97·0 | 72·9 | 89 | +1 | 8·3 | 26 | +7·5 | 22·47 | —1·31 | 3·85 |
| Moulmein | 29·683 | —·035 | S 74° E | 2·9 | 79·7 | 76·3 | 88·9 | —0·3 | 75·3 | —0·5 | 96·7 | 72·1 | 86 | —1 | 8·7 | 19 | +1·2 | 16·56 | —4·13 | 2·55 |
| Amherst | .. | .. | S 1° W | 8·6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rangoon | 29·728 | —·032 | S 4° W | 4·0 | 81·0 | 77·8 | 91·0 | —0·7 | 76·7 | —0·6 | 101·0 | 71·4 | 86 | 0 | 9·4 | 18 | +4·3 | 15·47 | +3·26 | 2·32 |
| Bassein | 29·713 | —·032 | S 42° W | 3·3 | 82·4 | 77·9 | 91·9 | +0·3 | 75·6 | —1·7 | 99·7 | 69·9 | 81 | —4 | 6·4 | 11 | —0·4 | 12·13 | +2·16 | 4·00 |
| Diamond Island | 29·674 | —·058 | S 51° W | 6·8 | 83·8 | 79·2 | 87·9 | —0·6 | 79·6 | +0·7 | 91·0 | 74·7 | 81 | +2 | 7·5 | 12 | +1·2 | 10·18 | —0·60 | 3·10 |
| Toungoo | 29·573 | —·030 | S 41° E | 2·8 | 80·6 | 76·0 | 93·5 | —2·3 | (l) 75·7 | (l) —0·9 | 100·3 | 73·0 | 82 | +1 | 6·6 | 12 | +1·7 | 6·14 | —1·30 | 1·28 |
| Kyaukpyu | 29·673 | .. | S 32° E | 1·3 | 82·8 | 78·5 | 89·6 | .. | 78·0 | .. | 94·3 | 71·1 | 82 | .. | 6·4 | 13 | +0·5 | 17·14 | +2·11 | 5·65 |
| Akyab | 29·647 | —·083 | S 33° E | 3·4 | 83·6 | 79·0 | 90·7 | —0·1 | 77·4 | —0·7 | 95·9 | 68·9 | 81 | —3 | 8·2 | 9 | —1·6 | 10·91 | —2·30 | 2·45 |
| Minbu | 29·512 | —·061 | S 30° E | 4·4 | 83·9 | 76·0 | 100·8 | +2·1 | 79·6 | +1·0 | 109·5 | 73·9 | 69 | —3 | 6·7 | 4 | —3·0 | 2·06 | —3·30 | 0·80 |
| Yamethin (d) | 29·061 | —·042 | .. | .. | 82·2 | 75·4 | 97·8 | +1·2 | 77·1 | +0·5 | 105·5 | 70·8 | 72 | —3 | 4·0 | 5 | —3·7 | 3·76 | —2·17 | 2·57 |
| Mandalay | 29·431 | —·060 | S 2° W | 6·4 | 87·9 | 76·4 | 102·8 | +3·2 | 81·4 | +2·3 | 110·9 | 74·9 | 58 | —11 | 4·3 | 6 | —1·9 | 1·82 | —4·03 | 0·56 |
| Monywa | 29·398 | —·067 | S 33° E | 3·1 | 86·4 | 75·9 | 103·2 | +3·1 | 81·2 | +2·4 | 111·4 | 74·9 | 61 | —8 | 4·9 | 4 | —3·0 | 1·44 | —3·99 | 0·70 |
| Lashio | 26·940 | —·054 | S 37° W | 5·7 | 74·1 | 69·7 | 88·0 | +0·4 | 68·6 | +1·8 | 94·1 | 64·0 | 80 | —1 | 7·0 | 11 | —0·9 | 3·05 | —3·64 | 0·85 |
| Bhamo | 29·298 | —·065 | N 45° E | 1·1 | 78·4 | 75·2 | 94·6 | +0·9 | 74·0 | +1·7 | 100·6 | 67·4 | 86 | +6 | 4·7 | 13 | +2·8 | 7·98 | +1·69 | 1·45 |
| Myitkyina | 29·192 | —·079 | N 50° E | 3·0 | 76·6 | 73·0 | 90·9 | —1·0 | 72·3 | —0·2 | 98·0 | 61·8 | 84 | +6 | 4·7 | 15 | +5·6 | 10·09 | +3·62 | 2·21 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·311 | —·099 | S 72° E | 0·1 | 76·0 | 74·2 | 83·9 | —0·5 | 71·7 | +1·2 | 94·1 | 64·9 | 91 | +2 | 6·9 | 19 | +3·6 | 18·10 | +7·21 | 2·35 |
| Sibsagar | 29·339 | —·084 | N 57° E | 1·0 | 76·5 | 74·7 | 84·1 | —1·4 | 74·3 | +2·8 | 91·9 | 67·3 | 92 | +1 | 8·7 | 16 | +0·2 | 13·46 | +1·35 | 2·75 |
| Tezpur | 29·436 | —·057 | N 64° E | 1·5 | 77·1 | 74·2 | 86·5 | —0·1 | 73·7 | +1·5 | 94·0 | 68·0 | 89 | +2 | 6·6 | 11 | —4·4 | 11·32 | +2·14 | 3·72 |
| Gauhati | 29·488 | —·070 | N 40° E | 1·4 | 79·0 | 74·8 | 87·4 | —0·4 | 73·7 | +1·8 | 93·7 | 66·9 | 82 | —4 | 4·1 | 14 | —0·2 | 9·18 | —0·88 | 1·48 |
| Dhubri | 29·532 | —·075 | N 73° E | 6·1 | 76·4 | 74·1 | 82·8 | —3·5 | 73·1 | +0·2 | 89·8 | 68·2 | 89 | +2 | 8·2 | 18 | +2·5 | 25·94 | +10·66 | 3·58 |
| Silchar | 29·582 | —·068 | N 45° E | 1·8 | 79·1 | 75·3 | 89·6 | +0·8 | 73·5 | +0·9 | 94·7 | 67·8 | 83 | —2 | 5·2 | 13 | —3·4 | 7·97 | —8·25 | 1·51 |
| Srimangal | 29·612 | .. | .. | .. | 79·0 | 75·9 | 92·1 | +0·8 | 71·9 | —0·3 | 96·1 | 64·3 | 86 | +1 | 3·2 | 12 | —3·3 | 10·95 | —5·94 | 1·97 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·637 | .. | S 32° E | 5·4 | 83·2 | 79·1 | 88·8 | .. | 77·1 | .. | 91·3 | 71·7 | 83 | .. | 5·1 | 7 | —4·6 | 11·67 | —1·57 | 7·41 |
| Chittagong | 29·580 | —·068 | S 45° E | 4·6 | 81·2 | 77·6 | 90·1 | +1·3 | 76·5 | +1·1 | 93·4 | 69·2 | 84 | +3 | 5·8 | 8 | —3·1 | 7·38 | —2·55 | 3·55 |
| Noakhali | 29·614 | —·065 | S 23° E | 5·9 | 83·8 | 79·7 | 89·5 | +0·2 | 79·0 | +3·3 | 92·4 | 72·0 | 83 | 0 | 6·0 | 8 | —3·0 | 4·13 | —7·84 | 1·56 |
| Barisal | 29·615 | —·076 | S 1° W | 4·6 | 85·4 | 80·9 | 91·9 | +0·2 | 79·0 | +2·3 | 93·9 | 68·5 | 82 | 0 | 5·2 | 6 | —4·0 | 5·18 | —4·21 | 2·26 |
| Narayanganj | 29·617 | —·069 | S 5° E | 4·6 | 83·7 | 79·4 | 91·8 | +0·7 | 76·8 | +1·0 | 94·9 | 71·2 | 82 | —2 | 6·1 | 11 | —0·3 | 5·63 | —3·98 | 1·39 |
| Mymensingh | 29·591 | —·068 | S 75° E | 1·9 | 80·7 | 76·3 | 90·3 | +1·4 | 75·3 | +1·2 | 95·2 | 69·5 | 81 | —3 | 7·4 | 10 | —3·7 | 12·91 | —0·50 | 3·39 |
| Bogra | 29·547 | —·083 | S 64° E | 1·3 | 81·7 | 78·6 | 92·8 | +0·4 | 75·4 | +1·2 | 97·0 | 67·0 | 87 | +6 | 7·8 | 9 | —1·3 | 7·43 | —1·37 | 1·94 |
| Dinajpur | 29·491 | —·084 | N 82° E | 4·4 | 79·6 | 75·6 | 92·1 | +0·2 | 75·8 | +2·1 | 98·8 | 70·5 | 83 | +4 | 6·9 | 6 | —3·2 | 4·99 | —2·88 | 1·50 |
| Jalpaiguri | 29·371 | —·065 | S 41° E | 1·3 | 76·6 | 74·4 | 86·9 | —2·0 | 73·5 | +1·1 | 92·1 | 69·3 | 90 | +7 | 4·3 | 18 | +5·3 | 14·90 | +3·50 | 2·68 |
| Saugor Island | 29·587 | —·080 | S 12° W | 12·1 | 86·6 | 80·7 | 90·7 | —1·1 | 82·0 | +1·1 | 92·4 | 71·8 | 76 | —5 | 5·6 | 2 | —3·9 | 3·95 | —0·57 | 2·58 |
| Midnapore | 29·427 | —·090 | S 17° E | 5·7 | 87·5 | 79·9 | 104·0 | +4·1 | 82·0 | +3·7 | 112·5 | 74·2 | 70 | —4 | 5·3 | 3 | —4·4 | 0·48 | —4·81 | 0·27 |
| Calcutta | 29·569 | —·087 | S 1° W | 5·7 | 86·1 | 81·0 | 97·2 | +2·7 | 81·3 | +3·8 | 101·7 | 71·6 | 79 | 0 | 5·2 | 3 | —4·3 | 3·01 | —2·78 | 1·91 |
| Jessore | 29·584 | —·073 | S 13° E | 3·5 | 84·7 | 79·3 | 96·2 | +1·7 | 78·9 | +2·3 | 100·5 | 71·8 | 78 | —5 | 5·7 | 6 | —3·7 | 3·24 | —5·16 | 1·46 |
| Burdwan | 29·471 | —·100 | S 8° W | 3·2 | 84·0 | 79·3 | 101·5 | +3·7 | 79·0 | +1·5 | 109·6 | 67·4 | 80 | +3 | 5·6 | 5 | —2·3 | 4·37 | —2·00 | 1·85 |
| Berhampore | 29·523 | —·087 | S 11° E | 5·6 | 85·5 | 79·7 | 102·2 | +5·6 | 80·4 | +4·0 | 110·1 | 71·2 | 76 | —5 | 5·8 | 4 | —3·6 | 1·28 | —4·27 | 0·81 |

(l) Mean of 22 days.

(d) Mean of 30 days.

# TABLE B.—MAY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·526 | —·092 | S 27° W | 5·5 | 86·2 | 79·8 | 101·3 | +4·1 | 81·1 | +2·5 | 114·2 | 69·5 | 74 | —1 | 4·5 | 3 | —3·3 | 1·38 | —3·47 | 0·86 |
| Hukitala (False Point) | 29·579 | —·072 | S 10° W | 14·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·6 | 3 | —1·3 | 0·89 | —3·53 | 0·40 |
| Cuttack | 29·518 | —·074 | S 27° W | 3·6 | 88·1 | 81·6 | 106·8 | +5·3 | 82·5 | +2·5 | 115·4 | 74·0 | 75 | +2 | 4·8 | 1 | —4·7 | 0·69 | —3·39 | 0·64 |
| Puri | 29·588 | —·069 | S 18° W | 15·2 | 85·6 | 82·2 | 90·2 | +0·3 | 83·2 | +2·3 | 92·9 | 75·1 | 86 | +1 | 5·1 | 1 | —2·2 | 0·13 | —2·63 | 0·11 |
| Angul | 29·120 | —·087 | S 71° E | 6·3 | 88·3 | 80·2 | 110·2 | +5·8 | 83·1 | +4·6 | 116·6 | 79·4 | 69 | +2 | 5·3 | 0 | —4·7 | 0 | —2·07 | 0 |
| Sambalpur | 29·069 | —·104 | S 67° E | (e) 3·2 | 92·9 | 76·1 | 112·3 | +5·7 | 82·8 | +1·6 | 115·0 | 77·7 | 44 | —6 | 1·5 | 0 | —2·5 | 0 | —1·32 | 0 |
| Chaibasa | 28·821 | —·098 | S 38° W | 2·3 | 89·6 | 77·6 | 109·9 | +6·0 | 83·5 | +5·6 | 114·9 | 72·6 | 58 | —7 | 2·5 | 1 | —4·5 | 0·32 | —2·94 | 0·32 |
| Ranchi | 27·478 | —·082 | S 56° W | 4·2 | 88·8 | 69·6 | 104·4 | +5·2 | 80·4 | +4·9 | 108·7 | 72·9 | 38 | —13 | 1·5 | 0 | —4·7 | 0·04 | —2·29 | 0·04 |
| Purulia | (d) 28·767 | —·073 | S | 2·5 | 88·5 | 76·1 | 110·2 | +8·1 | 82·6 | +5·3 | 116·5 | 75·5 | 56 | —10 | 1·7 | 0 | —5·3 | 0·08 | —2·88 | 0·06 |
| Daltonganj | 28·820 | —·093 | S 2° E | 4·8 | 88·9 | 70·5 | 112·3 | +5·4 | (i) 81·7 | +2·5 | 116·0 | 72·6 | 36 | —12 | 0·7 | 0 | —1·3 | 0 | —0·57 | 0 |
| Purnea | 29·464 | —·102 | N 89° E | 4·7 | 82·2 | 76·7 | 97·2 | +2·2 | 76·9 | +2·7 | 103·2 | 69·6 | 77 | 0 | 5·6 | 2 | —3·7 | 2·58 | —1·87 | 1·72 |
| Monghyr | 29·389 | .. | N 84° E | 6·5 | 85·5 | 77·8 | 104·3 | .. | 79·0 | .. | 111·2 | 66·9 | 70 | .. | 1·6 | 2 | —1·4 | 1·12 | —0·73 | 0·57 |
| Darbhanga | 29·404 | —·098 | S 88° E | 6·1 | 84·2 | 76·4 | 100·6 | +4·8 | 79·4 | +3·4 | 107·1 | 69·4 | 69 | —3 | 0·9 | 2 | —2·1 | 1·98 | —0·95 | 1·04 |
| Pusa | 29·370 | .. | S 86° E | 4·3 | 85·9 | 78·1 | 104·1 | .. | 78·3 | .. | 110·8 | 68·1 | 69 | .. | 0·5 | 3 | —0·3 | 1·34 | —0·58 | 0·59 |
| Patna | 29·460 | —·094 | S 88° E | 5·7 | 88·2 | 78·2 | 105·3 | +5·1 | 80·2 | +2·5 | 111·0 | 74·2 | 62 | —2 | 0 | 0 | —3·0 | 0 | —1·65 | 0 |
| Buxar | 29·287 | —·108 | N 86° E | 4·8 | 87·2 | 73·8 | 109·0 | +6·0 | 82·4 | +3·2 | 113·1 | 75·9 | 52 | 0 | 1·2 | 1 | —0·5 | 0·16 | —0·52 | 0·16 |
| Gaya | 29·166 | —·094 | S 23° W | 3·4 | 94·4 | 71·9 | 110·8 | +6·1 | 84·9 | +5·2 | 116·3 | 79·5 | 31 | —27 | 0·1 | 0 | —1·8 | 0 | —1·07 | 0 |
| Naya Dumka | 29·079 | —·092 | S 67° E | 3·7 | 87·6 | 78·8 | 104·0 | +5·2 | 80·7 | +3·6 | 112·0 | 67·8 | 66 | —1 | 1·9 | 4 | —1·0 | 2·70 | —0·78 | 0·88 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·294 | —·098 | S 88° E | 2·4 | 86·9 | 77·0 | 106·1 | +5·2 | 80·3 | +3·4 | 111·7 | 72·8 | 62 | —1 | 0·1 | 0 | —2·8 | 0 | —1·50 | 0 |
| Benares | 29·276 | —·089 | N 77° W | 2·9 | 94·5 | 71·0 | 111·1 | +5·8 | 82·0 | +3·2 | 114·8 | 71·9 | 28 | —24 | 0·2 | 0 | —1·1 | 0 | —0·55 | 0 |
| Allahabad | 29·247 | —·072 | N 89° W | 3·6 | 94·0 | 69·6 | 112·9 | +6·0 | 83·6 | +4·0 | 115·9 | 73·0 | 26 | —16 | 0·2 | 0 | —0·9 | 0 | —0·31 | 0 |
| Cawnpore | 29·135 | —·072 | S 87° W | 3·1 | 93·5 | 70·9 | 111·7 | +5·9 | 85·4 | +6·3 | 115·5 | 71·1 | 30 | —9 | 0·7 | 0 | —1·0 | 0 | —0·37 | 0 |
| Lucknow | 29·172 | —·091 | S 23° W | 2·3 | 93·1 | 70·3 | 112·5 | +7·4 | 83·5 | +5·9 | 115·4 | 70·2 | 29 | —17 | 0 | 0 | —1·6 | 0 | —0·99 | 0 |
| Bahraich | 29·142 | —·090 | S 83° E | 2·5 | 88·4 | 75·6 | 108·7 | +6·1 | 81·4 | +4·4 | 112·8 | 72·0 | 54 | —5 | 0·5 | 0 | —2·8 | 0 | —1·65 | 0 |
| Jhansi | 28·761 | —·078 | S 56° W | 4·8 | 95·5 | 69·6 | 112·1 | +3·7 | 86·4 | +2·0 | 115·6 | 73·2 | 23 | —15 | 1·4 | 0 | —1·2 | 0 | —0·35 | 0 |
| Agra | 28·997 | —·081 | S 58° W | .. | 96·8 | 71·9 | 112·3 | +5·6 | 86·3 | +4·8 | 116·3 | 76·7 | 26 | —12 | 0 | 0 | —1·3 | 0 | —0·47 | 0 |
| Mainpuri | 29·028 | —·082 | N 78° W | 2·1 | 94·4 | 72·1 | 112·9 | +5·7 | 82·7 | +4·0 | 117·2 | 71·9 | 30 | —11 | 0·2 | 0 | —1·1 | 0 | —0·49 | 0 |
| Bareilly | 28·957 | —·103 | S 64° W | 1·2 | 91·4 | 72·5 | (y) 109·6 | (y) +5·4 | 82·7 | +6·3 | 112·9 | 72·4 | 38 | —11 | 0·5 | 0 | —1·7 | 0 | —0·75 | 0 |
| Roorkee | 28·637 | —·095 | N 45° W | 3·2 | 89·1 | 66·9 | 108·9 | +6·4 | 78·9 | +4·7 | 113·3 | 68·6 | 26 | —13 | 0·7 | 0 | —1·9 | 0·09 | —0·79 | 0·09 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 28·838 | —·073 | N 83° W | 4·1 | 91·3 | 70·0 | 109·1 | +4·6 | (e) 86·5 | +6·1 | 113·0 | 76·4 | 30 | —9 | 0 | 0 | —1·8 | 0 | —0·62 | 0 |
| Hissar | 28·831 | —·058 | S 55° W | 5·9 | 92·4 | 69·6 | 110·7 | +3·9 | 81·1 | +3·7 | 114·6 | 69·7 | 27 | —11 | 0·1 | 0 | —1·4 | 0·07 | —0·48 | 0·07 |
| Patiala | 28·679 | —·135 | S 59° W | 3·7 | 91·1 | 75·2 | 109·4 | +6·5 | 79·7 | +2·2 | 113·4 | 70·0 | 47 | +3 | 0·3 | 0 | —1·7 | 0 | —0·71 | 0 |
| Ambala | 28·627 | —·013 | S 44° W | 3·5 | 92·1 | 66·0 | 112·0 | +7·9 | 82·0 | +6·4 | 117·6 | 69·4 | 20 | —25 | 0·6 | 0 | —1·8 | 0 | —0·85 | 0 |
| Ludhiana | 28·695 | —·108 | W | 1·9 | 89·9 | 64·2 | 111·6 | +7·4 | 80·9 | +5·2 | 116·5 | 70·2 | 19 | —20 | 0·4 | 0 | —1·6 | 0·03 | —0·63 | 0·03 |
| Lahore | 28·802 | —·105 | S 43° E | 2·1 | 90·1 | 67·9 | 110·0 | +4·6 | 77·5 | +4·1 | 115·5 | 69·1 | 27 | —14 | 0·2 | 1 | —0·4 | 0·15 | —0·57 | 0·15 |
| Sialkot | 28·668 | —·119 | N 59° E | (u) 2·2 | 91·8 | 66·7 | 109·4 | +6·2 | 77·7 | +2·7 | 113·7 | 64·9 | 22 | —19 | 0·6 | 0 | —2·2 | 0 | —1·08 | 0 |

(y) Mean of 9 days.
(i) „ 25 „

(d) Mean of 30 days.
(e) „ 29 „

(u) Mean of 19 days.

# TABLE B.—MAY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **V.—Punjab—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Rawalpindi | 27·883 | —·105 | N 24° W | 2·9 | 86·0 | 62·8 | 104·7 | +6·7 | 75·0 | +6·5 | 112·0 | 68·0 | 23 | —19 | 1·5 | 1 | —1·7 | 0·11 | —1·19 | 0·11 |
| Khushab | 28·903 | —·104 | N 50° E | 4·6 | 91·7 | 64·6 | 109·7 | +5·3 | 75·9 | —1·0 | 115·2 | 67·2 | 17 | —17 | 1·5 | 0 | —1·5 | 0 | —0·71 | 0 |
| Lyallpur | 28·889 | .. | N 88° E | 2·7 | 89·4 | 65·0 | 108·8 | .. | 75·8 | .. | 114·7 | 68·2 | 21 | .. | 1·2 | 0 | —1·1 | 0 | —0·35 | 0 |
| Montgomery | 28·938 | —·106 | S 19° W | 3·0 | 89·6 | 65·2 | 108·6 | +1·4 | 78·0 | 0 | 114·1 | 70·2 | 21 | —10 | 0 | 0 | —1·0 | 0 | —0·32 | 0 |
| Multan | 29·082 | —·098 | N 39° W | 2·0 | 89·5 | 68·9 | 109·8 | +2·9 | 82·0 | +3·9 | 114·8 | 71·7 | 31 | —11 | 0·3 | 0 | —0·7 | 0 | —0·29 | 0 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·453 | —·111 | N 15° W | 1·4 | 84·0 | 64·8 | 107·4 | +9·3 | 74·0 | +4·1 | 114·6 | 62·7 | 33 | —10 | 0·6 | 0 | —2·1 | 0 | —0·88 | 0 |
| Dera Ismail Khan | 28·941 | —·113 | N 22° W | 2·5 | 93·1 | (w) 69·6 | 108·6 | +4·8 | 79·5 | +4·9 | 115·1 | 72·6 | (w) 31 | —17 | 0·9 | 0 | —0·9 | 0 | —0·39 | 0 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·362 | —·062 | N 59° W | 2·5 | 94·4 | 73·3 | 110·1 | —1·9 | 80·3 | +2·0 | 117·7 | 69·8 | 34 | —8 | 0 | 0 | —0·3 | 0 | —0·13 | 0 |
| Hyderabad | 29·508 | —·045 | S 45° W | 8·4 | 86·0 | 73·3 | 107·4 | +0·2 | 78·8 | +0·6 | 114·5 | 71·9 | 53 | —1 | 0·1 | 0 | —0·3 | 0 | —0·15 | 0 |
| Karachi | 29·650 | —·037 | S 77° W | 11·5 | 83·0 | 78·7 | 88·5 | —0·6 | 78·7 | +0·4 | 99·7 | 73·8 | 83 | +3 | 3·4 | 0 | —0·1 | 0 | —0·05 | 0 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 28·807 | —·048 | S 42° W | 9·2 | 90·3 | 70·9 | 110·5 | +3·1 | 83·0 | +0·1 | 116·0 | 75·9 | 36 | —8 | 0·1 | 0 | —1·1 | 0 | —0·58 | 0 |
| Jodhpur | 28·848 | —·046 | S 48° W | 5·9 | 88·1 | 68·1 | 106·8 | +0·3 | 81·1 | +0·9 | 114·5 | 74·2 | 34 | —8 | 0·4 | 0 | —0·7 | 0 | —0·23 | 0 |
| Jaipur | 28·204 | —·050 | S 65° W | 5·2 | 90·4 | 67·7 | 108·8 | +2·3 | 78·3 | 0 | 113·0 | 69·7 | 28 | —9 | 0 | 0 | —1·4 | 0 | —0·52 | 0 |
| Ajmer | 28·031 | —·061 | S 74° W | 8·5 | 85·0 | 67·2 | 104·7 | +0·9 | 82·1 | +2·1 | 109·6 | 73·8 | 38 | —6 | 0 | 0 | —1·4 | 0 | —0·53 | 0 |
| Kotah | 28·782 | —·054 | S 76° W | 4·5 | 95·6 | 70·1 | 110·6 | +1·7 | 86·8 | +1·1 | 114·4 | 79·6 | 25 | —3 | 0 | 0 | —1·2 | 0 | —0·49 | 0 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29·232 | —·031 | S 62° W | 10·0 | 85·2 | 72·4 | 110·2 | +3·2 | 77·5 | +0·1 | 117·2 | 70·0 | 53 | —4 | 2·7 | 0 | —0·4 | 0 | —0·18 | 0 |
| Bhuj | 29·348 | —·041 | S 84° W | 10·1 | 87·1 | 77·9 | 101·3 | —0·1 | 76·3 | —0·2 | 111·2 | 72·1 | 65 | —1 | 0·9 | 0 | —0·2 | 0 | —0·06 | 0 |
| Jamnagar | .. | .. | S 61° W | 10·9 | 86·4 | 77·7 | 98·8 | +0·9 | 75·5 | —1·2 | 106·1 | 69·0 | 66 | 0 | 1·3 | 0 | —0·1 | 0 | —0·02 | 0 |
| Dwarka | 29·691 | —·033 | S 75° W | 12·2 | 83·5 | 78·6 | 88·7 | +1·0 | 81·2 | +1·1 | 91·0 | 79·6 | 78 | —3 | 2·1 | 0 | 0 | 0 | —0·01 | 0 |
| Rajkot | 29·278 | —·047 | S 57° W | 12·7 | 84·8 | 75·6 | 105·9 | +0·5 | 75·2 | +0·2 | 112·1 | 68·0 | 64 | —4 | 3·1 | 0 | —0·3 | 0 | —0·16 | 0 |
| Veraval | 29·729 | —·029 | S 88° W | 10·2 | 81·9 | 78·1 | 86·2 | —0·2 | 79·2 | +0·8 | 93·9 | 74·3 | 84 | +2 | 2·1 | 0 | —1·1 | 0 | —0·04 | |
| Bhavnagar Para | 29·683 | —·029 | S 68° W | 2·9 | 86·9 | 73·2 | 107·7 | +2·6 | 77·7 | —0·5 | 113·4 | 74·2 | 50 | —12? | 2·2 | 0 | —0·3 | 0 | —0·12 | 0 |
| Surat | 29·708 | —·033 | S 23° W | 5·1 | 87·3 | 77·2 | 98·5 | +0·8 | 79·7 | +1·3 | 110·4 | 76·6 | 62 | —5 | 3·5 | 0 | —0·2 | 0 | —0·09 | 0 |
| Ahmadabad | 29·573 | —·020 | S 85° W | 5·1 | 86·0 | 74·0 | 109·0 | +1·4 | 79·9 | +0·5 | 114·4 | 76·0 | 55 | —3 | 1·6 | 0 | —0·2 | 0 | —0·11 | 0 |
| Bombay | 29·731 | —·042 | N 89° W | 5·3 | 84·6 | 77·7 | 92·5 | +1·7 | 81·5 | +0·8 | 93·9 | 79·4 | 72 | —2 | 3·1 | 0 | —0·7 | 0 | —0·64 | 0 |
| Ratnagiri | 29·560 | —·040 | N 63° W | 7·4 | 85·6 | 76·6 | 90·5 | —0·5 | 80·6 | +0·9 | 92·3 | 77·5 | 65 | —4 | 4·5 | 0 | —1·3 | 0 | —1·11 | 0 |
| Marmagao | 29·722 | —·030 | N 57° W | 7·4 | 86·2 | 79·2 | 91·0 | +1·2 | (j) 81·7 | +0·7 | 93·7 | 80·0 | 72 | —4 | 6·4 | 0 | —2·2 | 0·02 | —1·66 | 0·01 |
| Karwar | 29·737 | —·030 | N | 3·1 | 84·4 | 78·3 | 92·7 | +3·0 | 81·9 | +2·2 | 94·9 | 78·8 | 75 | —2 | 4·6 | 0 | —3·1 | 0 | —2·61 | 0 |
| Malegaon | 28·288 | —·044 | S 65° W | 9·0 | 88·3 | 70·4 | 106·6 | +2·1 | 74·5 | —0·7 | 111·3 | 70·5 | 40 | —9 | 0·9 | 0 | —1·1 | 0 | —0·79 | 0 |
| Ahmadnagar | 27·610 | —·035 | N 47° W | 7·7 | 86·5 | 66·1 | 105·0 | +3·9 | 71·8 | 0 | 109·3 | 64·8 | 32 | —21 | 0 | 0 | —1·3 | 0 | —0·79 | 0 |
| Poona | 27·935 | —·020? | N 80° W | 9·7 | 81·6 | 68·1 | 100·7 | +1·0 | 70·9 | —0·9 | 109·6 | 65·8 | 49 | —5 | 8·5 | 0 | —1·5 | 0 | —1·08 | 0 |
| Sholapur | 28·135 | —·044 | N 58° W | 8·0 | 83·9 | 67·1 | (j) 107·3 | +2·5 | 76·7 | 0 | 110·2 | 68·9 | 40 | —5 | 1·3 | 0 | —2·1 | 0 | —0·92 | 0 |
| Bijapur | 27·800 | —·041 | N 82° W | 7·0 | 82·3 | 71·8 | 104·5 | +3·2 | 75·0 | +0·6 | 108·2 | 71·3 | 59 | —2 | 0·8 | 1 | —1·6 | 0·10 | —1·10 | 0·10 |
| Belgaum | 27·253 | —·023 | S 71° W | 5·0 | 75·9 | 68·6 | 94·6 | +1·5 | 68·3 | +0·2 | 101·7 | 63·4 | 68 | —1 | 3·5 | 0 | —4·6 | 0 | —2·39 | 0 |

(w) Mean of 21 days.

(j) Mean of 24 days.

# TABLE B.—MAY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 28·055 | —·044 | N 89° W | 8·5 | 88·9 | 73·1 | 104·9 | +1·1 | 78·1 | +0·7 | 110·7 | 72·8 | 47 | —2 | 0 | 0 | —1·0 | 0 | —0·44 | 0 |
| Indore | 27·880 | —·043 | N 71° W | 8·0 | 87·2 | 73·6 | 105·3 | +2·4 | 77·0 | +0·8 | 110·9 | 73·2 | 52 | +1 | 0·2 | 0 | —1·1 | 0 | —0·48 | 0 |
| Nowgong | 28·832 | —·061 | N 71° W | 2·9 | 94·0 | 67·0 | 111·8 | +4·5 | 81·4 | +1·5 | 114·9 | 70·7 | 19 | —16 | 0·7 | 0 | —0·8 | 0 | —0·34 | 0 |
| Sutna | 28·536 | —·062 | N 87° W | 4·4 | 95·0 | 68·9 | 109·9 | +4·3 | 83·2 | +3·5 | 112·3 | 74·8 | 23 | —7 | 0·1 | 0 | —1·2 | 0 | —0·46 | 0 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | .. | .. | N 67° W | 9·0 | 84·1 | 68·0 | 130·8 | +2·3 | 73·6 | +0·9 | 108·9 | 74·2 | 43 | .. | 1·9 | 0 | —1·1 | 0 | —0·49 | 0 |
| Akola | 28·751 | —·040 | N 70° W | 10·2 | 90·9 | 70·1 | 111·1 | +3·0 | 81·9 | +0·7 | 115·6 | 75·5 | 33 | —6 | 1·8 | 0 | —0·8 | 0 | —0·3 | 0 |
| Amraoti | 28·443 | —·051 | N 66° W | 6·1 | 91·2 | 69·1 | 110·6 | +2·8 | 82·6 | +2·4 | 114·6 | 78·0 | 30 | —10 | 0·7 | 0 | —1·4 | 0 | —0·54 | 0 |
| Khandwa | 28·635 | —·044 | N 73° W | 9·5 | 88·5 | 70·1 | 109·1 | +2·3 | 80·7 | —0·5 | 114·5 | 77·4 | 38 | —4 | 0·6 | 0 | —0·8 | 0 | —0·36 | 0 |
| Hoshangabad | 28·654 | —·040 | S 59° W | 4·7 | 90·9 | 68·3 | 110·6 | +3·2 | 80·9 | +0·5 | 112·7 | 75·2 | 28 | —11 | 0·2 | 0 | —1·1 | 0 | —0·49 | 0 |
| Saugor | 27·810 | —·090? | N 74° W | 6·2 | 89·7 | 64·3 | 108·1 | +3·1 | 81·6 | +2·5 | 111·4 | 77·0 | 21 | —12 | 0·3 | 0 | —0·9 | 0 | —0·46 | 0 |
| Jubbulpore | 28·288 | —·058 | S 64° W | 3·0 | 92·5 | 67·3 | 108·6 | +2·9 | 81·0 | +2·3 | 111·1 | 74·5 | 23 | —9 | 0·2 | 0 | —1·1 | 0 | —0·46 | 0 |
| Seoni | 27·639 | —·042 | N 29° W | 4·5 | 93·9 | 65·8 | 107·1 | +3·2 | 80·4 | +3·7 | 110·0 | 75·7 | 18 | —15 | 0·6 | 0 | —1·8 | 0 | —0·64 | 0 |
| Nagpur | 28·612 | —·049 | N 35° W | 7·5 | 96·8 | 68·8 | 112·2 | +3·0 | 87·6 | +5·6 | 114·6 | 82·3 | 19 | —13 | 0·8 | 0 | —1·8 | 0 | —0·75 | 0 |
| Pendra | 27·604 | —·053 | N 51° W | 5·7 | 94·4 | 66·1 | 107·3 | +5·0 | 83·2 | +4·7 | 109·7 | 78·6 | 18 | —13 | 3·1 | 0 | —1·7 | 0 | —0·84 | 0 |
| Raipur | 28·632 | —·062 | N 70° W | 4·1 | 96·8 | 66·7 | 112·5 | +5·3 | 86·3 | +4·5 | 114·5 | 81·1 | 15 | —20 | 1·2 | 0 | —2·1 | 0 | —0·90 | 0 |
| Chanda | 28·986 | —·077 | N 82° W | 5·1 | 96·3 | 71·0 | 113·9 | +4·2 | 84·8 | +2·7 | 115·9 | 75·0 | 25 | —12 | 2·5 | 0 | —1·5 | 0·04 | —0·58 | 0·04 |
| Jagdalpur | 27·845 | .. | S 50° W | 3·1 | 92·0 | 71·9 | 108·6 | .. | 80·2 | .. | 114·6 | 73·1 | 36 | .. | 2·6 | 0 | —4·7 | 0 | —2·39 | 0 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 27·838 | —·046 | N 67° W | 13·2 | 86·3 | 66·8 | 106·5 | +2·3 | 76·7 | +1·5 | 110·6 | 72·0 | 35 | —6 | 4·0 | 0 | —1·4 | 0 | —0·70 | 0 |
| Nizamabad | 28·419 | ? | N 62° W | 3·4 | 92·6 | 67·9 | 112·3 | +6·1 | 83·5 | +2·3 | 113·7 | 78·3 | 25 | —24 | 2·2 | 1 | 0 | 0·22 | —0·09 | 0·22 |
| Bidar | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gulbarga | 28·206 | —·051 | N 66° W | 9·9 | 85·3 | 70·4 | 109·7 | +5·0 | 79·9 | +1·4 | 112·5 | 76·2 | 46 | —10 | 0·4 | 0 | —2·2 | 0 | —0·98 | 0 |
| Raichur | 28·395 | —·042 | N 75° W | 10·1 | 86·4 | 71·4 | 107·9 | +4·4 | 80·4 | +1·0 | 111·8 | 76·7 | 47 | —6 | 1·1 | 1 | —0·4 | 0·16 | —0·63 | 0·16 |
| Hyderabad (Deccan) | 27·979 | —·048 | N 66° W | 5·4 | 91·2 | 73·0 | 108·7 | +5·2 | 83·7 | +3·3 | 110·8 | 78·1 | 40 | —8 | 3·4 | 0 | —1·9 | 0 | —0·88 | 0 |
| Hanamkonda | 28·758 | —·072 | N 81° W | 6·2 | 93·9 | 71·7 | 111·8 | +6·8 | 86·3 | +3·9 | 114·2 | 80·2 | 32 | —16 | 1·9 | 1 | —0·7 | 0·48 | —0·16 | 0·48 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·386 | —·030 | S 87° W | 7·5 | 77·8 | 71·2 | 97·4 | +3·1 | 71·9 | +0·4 | 100·6 | 66·9 | 72 | +1 | 2·6 | 2 | —2·4 | 1·08 | —1·90 | 0·75 |
| Hassan | 26·713 | —·011? | N 81° W | 7·9 | 74·9 | 69·0 | 90·5 | +1·7 | 67·7 | +0·8 | 99·2 | 62·9 | 76 | +1 | 3·2 | 7 | +1·0 | 2·80 | —2·02 | 0·70 |
| Bangalore | 26·814 | —·031 | S 89° W | 6·9 | 76·5 | 69·3 | 94·4 | +2·8 | 69·8 | +0·6 | 99·0 | 65·1 | 69 | —6 | 4·4 | 5 | —1·8 | 3·27 | —0·89 | 1·30 |
| Mysore | 27·294 | —·039 | S 76° W | 6·3 | 76·9 | 70·2 | 92·1 | +0·4 | 69·3 | —0·4 | 97·0 | 63·1 | 71 | —5 | 4·0 | 7 | —0·8 | 5·90 | +0·62 | 2·56 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·719 | —·037 | N 13° W | 5·1 | 85·0 | 77·9 | 92·7 | +0·9 | 80·2 | +1·6 | 98·0 | 73·7 | 72 | —1 | 5·6 | 4 | —2·4 | 2·74 | —3·03 | 1·20 |
| Calicut | 29·753 | —·033 | N 30° W | 5·9 | 82·0 | 78·4 | 89·2 | —1·0 | 78·7 | +0·6 | 91·6 | 72·4 | 85 | +6 | 6·4 | 10 | +1·7 | 8·13 | +0·35 | 2·25 |
| Cochin | 29·785 | —·027 | N 41° E | 4·2 | 83·6 | 78·6 | 89·5 | —0·2 | 78·6 | +1·1 | 93·3 | 73·1 | 80 | —1 | 6·4 | 10 | —2·2 | 7·30 | —4·28 | 2·47 |
| Trivandrum | 29·591 | —·024 | N 47° W | 5·2 | 81·9 | 77·8 | 88·1 | +1·7 | 78·3 | +0·2 | 90·2 | 73·8 | 83 | +2 | 6·5 | 7 | —3·0 | 2·78 | —5·76 | 0·96 |
| Pamban | 29·676 | —·056 | S 7° W | 14·1 | 85·1 | 79·6 | 94·1 | +2·7 | 81·6 | +0·4 | 94·6 | 80·8 | 78 | —1 | 2·6 | 0 | —1·4 | 0 | —0·78 | 0 |
| Madura | 29·279 | —·040 | N 75° W | 4·3 | 87·4 | 76·6 | 102·9 | +2·9 | 80·9 | +3·3 | 106·1 | 77·1 | 59 | —8 | 6·5 | 1 | —3·6 | 0·34 | —2·40 | 0·24 |
| Pudukkottai | 29·405 | —·047 | S 82° W | 3·8 | 87·2 | 76·4 | 103·6 | +2·3 | 79·8 | +0·6 | 106·7 | 70·0 | 59 | —10 | 2·3 | 3 | —0·6 | 1·79 | —0·49 | 1·06 |

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# TABLE B.—MAY 1921—*contd.*

## *Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV.—Madras—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Negapatam | 29·673 | —·052 | S 60° W | 8·2 | 87·8 | 80·1 | 99·2 | +1·6 | 82·4 | +2·2 | 104·7 | 80·0 | 70 | +2 | 3·6 | 0 | —2·0 | 0 | —0·68 | 0 |
| Trichinopoly | 29·458 | —·052 | S 66° W | 5·4 | 87·6 | 76·8 | 103·3 | +1·6 | 80·4 | +1·7 | 108·1 | 68·3 | 59 | —7 | 3·2 | 1 | —3·2 | 0·91 | —2·30 | 0·89 |
| Coimbatore | 28·415 | —·031 | S 45° W | 4·9 | 83·4 | 75·1 | 96·3 | +1·5 | 74·3 | +0·8 | 98·4 | 70·5 | 67 | —14 | 2·0 | 1 | —3·7 | 0·13 | —2·21 | 0·13 |
| Salem | 28·828 | —·030 | S 41° W | 4·3 | 83·0 | 74·9 | 100·3 | +0·8 | 76·9 | +0·7 | 106·5 | 69·6 | 67 | —6 | 4·4 | 6 | —1·7 | 5·17 | +0·39 | 1·79 |
| Cuddalore | 29·649 | —·059 | S 50° W | 7·6 | 88·2 | 77·9 | 102·3 | +3·6 | 81·8 | +1·7 | 107·1 | 77·3 | 61 | —10 | 3·2 | 0 | —1·2 | 0 | —0·68 | 0 |
| Vellore | 28·989 | —·062 | N 62° W | 3·9 | 87·3 | 75·7 | 105·3 | +5·5 | 80·7 | +2·2 | 110·0 | 70·5 | 60 | —5 | 2·3 | 3 | —0·7 | 1·24 | —1·07 | 0·88 |
| Madras | 29·637 | —·078 | S 24° W | 5·5 | 89·6 | 77·8 | 104·0 | +5·5 | 83·2 | +2·0 | 111·2 | 76·7 | 58 | —7 | 3·2 | 0 | —1·1 | 0 | —1·01 | 0 |
| Cuddapah | 29·266 | —·054 | N 71° W | .. | 91·6 | 76·3 | 108·6 | +2·3 | 86·5 | +3·1 | 110·8 | 82·4 | 48 | —6 | 3·4 | 0 | —2·8 | 0 | —1·61 | 0 |
| Bellary | 28·256 | —·044 | N 71° W | 6·8 | 86·4 | 72·5 | 105·8 | +3·3 | 78·6 | +1·0 | 110·3 | 71·9 | 49 | —4 | 3·1 | 0 | —3·3 | 0·01 | —1·94 | 0·01 |
| Kurnool | 28·772 | —·052 | S 87° W | 5·2 | 86·2 | 74·8 | 108·6 | +3·5 | 82·7 | +1·7 | 114·2 | 75·4 | 56 | 0 | 2·3 | 1 | —1·2 | 0·24 | —0·72 | 0·16 |
| Nellore | 29·558 | —·092 | N 76° W | 4·3 | 91·4 | 77·4 | 107·8 | +2·6 | 83·6 | +2·0 | 111·9 | 76·7 | 52 | —11 | 5·9 | 0 | —0·9 | 0·02 | —0·56 | 0·02 |
| Masulipatam | 29·616 | —·087 | S 36° W | 7·4 | 90·3 | 80·4 | 104·4 | +4·5 | 84·1 | +2·4 | 115·2 | 76·7 | 65 | —13 | 5·6 | 0 | —1·9 | 0 | —1·18 | 0 |
| Cocanada | 29·610 | —·083 | S 49° W | 6·4 | 89·7 | 82·4 | 103·5 | +3·6 | 84·0 | +1·7 | 115·2 | 76·4 | 73 | 0 | 6·9 | 1 | —1·3 | 0·28 | —0·95 | 0·28 |
| Vizagapatam | 29·578 | —·087 | S 69° W | 9·8 | 88·7 | 81·2 | 94·6 | +2·7 | 84·4 | +3·5 | 108·9 | 80·0 | 72 | +1 | 6·0 | 0 | —2·9 | 0·11 | —1·99 | 0·07 |
| Calingapatam | 29·584 | —·082 | S 40° W | 9·5 | 88·4 | 82·1 | 95·9 | .. | 82·9 | .. | 104·1 | 78·3 | 75 | .. | 3·4 | 1 | —2·2 | 0·67 | —2·53 | 0·60 |
| Gopalpur | 29·538 | —·082 | S 37° W | 12·7 | 85·6 | 83·0 | 91·1 | +1·1 | 82·5 | +2·4 | 99·5 | 77·8 | 89 | +7 | 3·9 | 0 | —3·1 | 0 | —1·90 | 0 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| F. V. Fraser | (o) 29·583 | .. | S 21° W | .. | 85·6 | 82·6 | .. | .. | .. | .. | .. | .. | 88 | .. | 4·1 | 2 | —2·1 | 0·60 | —1·73 | 0·35 |
| Port Blair | 29·666 | —·066 | S 89° W | 7·1 | 82·0 | 78·4 | 88·4 | —0·3 | 77·9 | —0·6 | 94·4 | 71·7 | 85 | —1 | 7·3 | 18 | +2·0 | 13·82 | —2·02 | 4·96 |
| Table Island | 29·619 | —·068 | S 62° W | 11·5 | 83·8 | 79·3 | 88·0 | —1·1 | 79·7 | +0·1 | 92·5 | 74·1 | 81 | +1 | 6·5 | 10 | —0·7 | 6·22 | —2·52 | 2·14 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | 27·258 | .. | S 31° W | 2·5 | 80·6 | 61·1 | 97·2 | .. | 71·0 | .. | 104·2 | 63·1 | 30 | .. | 3·2 | 1 | —3·0 | 0·34 | —2·23 | 0·34 |
| Srinagar | 24·770 | —·051 | S 72° E | 1·6 | 63·2 | 56·8 | 77·6 | +1·9 | 52·7 | +0·9 | 86·5 | 47·5 | 67 | —16 | 3·3 | 0 | —5·6 | 0·22 | —2·22 | 0·06 |
| Gulmarg | | | | | | | | | | Closed | for wi | nter m | onths. | | | | | | | |
| Dras | 20·788 | —·002 | S 83° W | 3·1 | 44·5 | 43·4 | 57·0 | —3·4 | 38·6 | +5·5 | 66·8 | 31·8 | 98 | +20 | 7·3 | 9 | +3·6 | 3·20 | +0·47 | 0·73 |
| Leh | 19·708 | —·007 | S | 2·6 | 47·8 | 38·2 | 64·0 | +0·4 | 38·6 | +1·9 | 72·0 | 33·8 | 46 | +5 | 4·3 | 2 | +1·3 | 0·76 | +0·56 | 0·54 |
| Skardu | 22·828 | —·007 | S 38° E | 4·3 | 54·5 | 47·6 | 67·0 | —4·3 | 48·4 | —0·9 | 78·5 | 42·8 | 62 | +7 | 5·4 | 7 | +4·5 | 2·82 | +1·62 | 0·71 |
| Gilgit | 25·106 | +·031 | S 45° W | 0·6 | 64·7 | 57·6 | 78·3 | —5·0 | 56·1 | —4·2 | 89·4 | 51·8 | 65 | +18 | 6·0 | 6 | +3·7 | 1·16 | +0·36 | 0·29 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·285 | .. | S 33° W | 5·7 | 73·0 | 52·7 | 93·9 | .. | 65·7 | .. | 100·9 | 48·7 | 21 | .. | 1·2 | 0 | —0·8 | 0 | —0·40 | 0 |
| Quetta | 24·547 | —·015 | N | 2·5 | 62·6 | 50·6 | 83·3 | —0·1 | 50·3 | —1·6 | 93·5 | 39·7 | 42 | —2 | 0·2 | 0 | —1·0 | 0 | —0·35 | 0 |
| Chaman | 25·569 | —·033 | S 11° E | 6·2 | 71·2 | 51·0 | 88·4 | —2·5 | 61·5 | —2·5 | 100·2 | 50·7 | 19 | —16 | 0·7 | 0 | —0·3 | 0 | —0·09 | 0 |
| Kalat | 23·658 | .. | N 48° W | 7·0 | 60·1 | 45·7 | 79·8 | —3·8 | .. | .. | 90·9 | .. | 31 | —13 | 0·2 | 0 | —0·7 | 0 | —0·22 | 0 |
| Dalbandin | 26·985 | .. | N 74° E | 5·9 | 75·4 | 58·7 | 98·4 | .. | 66·0 | .. | 109·6 | 49·2 | 33 | .. | 0·3 | 0 | 0 | 0 | —0·02 | 0 |
| Pasni | 29·655 | .. | N 70° W | 9·9 | 81·5 | 74·9 | 98·8 | .. | 73·7 | .. | 108·9 | 68·1 | 73 | .. | 2·2 | 0 | 0 | 0 | 0 | 0 |
| Panjgur | 26·593 | .. | N 31° E | 4·9 | 73·5 | 57·3 | 96·1 | .. | 66·9 | .. | 105·6 | 55·4 | 34 | .. | 0·2 | | .. | 0 | .. | 0 |
| Seistan (c) | 28·027 | .. | N 43° W | 10·1 | 71·1 | 58·8 | 90·9 | .. | 65·0 | .. | 104·7 | 52·1 | 48 | .. | 0·7 | 0 | .. | 0 | .. | 0 |
| **Hill stations, excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachinar | 24·279 | —·063 | Calm | 4·0 | 72·8 | 53·6 | 85·1 | +6·1 | 57·1 | +1·4 | 92·4 | 44·9 | 27 | —19 | 2·1 | 0 | —7·2 | 0·17 | —2·28 | 0·07 |
| Cherat | 25·510 | —·065 | N 4° W | (p) 4·5 | 76·8 | 55·3 | 90·7 | +3·6 | 71·0 | +3·0 | 97·7 | 61·4 | 21 | —16 | 0·3 | 0 | —2·6 | 0 | —1·58 | 0 |
| Dtosh (c) | 24·881 | .. | N 81° E | 4·1 | 66·2 | 52·7 | 82·2 | +0·5 | 61·4 | +2·8 | 91·8 | 49·4 | 41 | —19 | 2·8 | 2 | —2·3 | 0·33 | —1·77 | 0·13 |

(c) Aneroid. (o) Mean of 19 days. (p) Mean of 18 days.

# TABLE B.—MAY 1921—*concld.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. Mean 8 hrs. pressure reduced to 32° and standard gravity. | Pressure. Departure from normal. | Wind. Resultant direction. | Wind. Mean velocity, miles per hour. | Temperature. Mean of 8 hrs. dry bulb. | Temperature. Mean of 8 hrs. wet bulb. | Temperature. Mean maximum. | Temperature. Departure from normal. | Temperature. Mean minimum. | Temperature. Departure from normal. | Temperature. Highest temperature observed during month. | Temperature. Lowest temperature observed during month. | Humidity. Mean humidity at 8 hrs. | Humidity. Departure from normal. | Mean cloud amount at 8 hrs. | Rainfall. Number of rainy days. | Rainfall. Departure from normal. | Rainfall. Rainfall of month. | Rainfall. Departure from normal. | Rainfall. Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill stations, excluding Kashmir and Baluchistan—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Murree | 23·852 | —·069 | N 48° W | 5·9 | 70·3 | 52·0 | 80·1 | +4·0 | 66·2 | +7·3 | 86·9 | 55·3 | 27 | —14 | 1·8 | 1 | —4·0 | 0·17 | —2·70 | 0·17 |
| Simla | 23·012 | —·023 | .. | .. | 69·5 | 50·5 | 78·4 | +5·4 | 64·0 | +5·7 | 82·9 | 53·3 | 24 | —20 | 2·0 | 1 | —3·9 | 0·25 | —2·45 | 0·22 |
| Sarain | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kalabagh | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chakrata | 23·294 | ? | N 73° E | 7·9 | 72·2 | 52·1 | 85·2 | +11·0 | 64·2 | +7·4 | 89·4 | 50·9 | 23 | —25 | 3·0 | 2 | —3·2 | 0·60 | —1·92 | 0·27 |
| Mukteswar | 22·752 | —·042 | S 85° W | 8·0 | 67·9 | 49·9 | 80·7 | +5·7 | 58·9 | +3·5 | 84·3 | 46·8 | 26 | —22 | 0·6 | 1 | —4·4 | 0·19 | —1·97 | 0·10 |
| Darjiling | 22·831 | —·050 | S 86° W | 3·6 | 59·3 | 57·5 | 67·6 | +3·6 | 55·5 | +3·4 | 70·4 | 51·6 | 90 | +2 | 9·6 | 13 | —1·2 | 7·75 | —1·15 | 1·90 |
| Kalimpong | 25·851 | .. | .. | .. | 67·3 | 65·9 | 75·0 | .. | 64·5 | .. | 79·6 | 61·5 | 91 | .. | 7·2 | ? | .. | ? | .. | ? |
| Shillong | 25·021 | —·011 | S 33° W | 5·2 | 68·6 | 63·2 | 74·5 | +0·1 | 60·2 | +1·4 | 77·9 | 53·9 | 74 | +2 | 5·5 | 17 | —0·7 | 6·35 | —4·77 | 1·65 |
| Cherrapunji | 25·534 | —·057 | S 31° W | 4·1 | 67·4 | 64·6 | 72·5 | +0·2 | 62·5 (*t*) | +2·5 | 77·0 | 57·3 | 86 | 0 | 6·4 | 22 | +0·5 | 120·17 | +76·68 | 20·44 |
| Netarhat | .. | .. | S 85° W | 7·0 | 86·4 | 63·3 | 99·4 | .. | 78·9 | .. | 102·8 | 74·3 | 26 | .. | 0·3 | 0 | .. | 0 | .. | 0 |
| Maymyo | 26·260 | —·066 | S 42° W | 1·7 | 72·0 | 68·0 | 82·0 | —0·7 | 66·3 | +2·1 | 90·2 | 60·4 | 82 | +2 | 5·6 | 12 | —0·4 | 8·53 | —1·63 | 1·79 |
| Pachmarhi | 26·297 | —·038 | N 74° W | 6·4 | 84·7 | 63·4 | 99·6 | +4·0 | 77·9 | +2·6 | 103·5 | 71·1 | 30 | —5 | 0 | 0 | —1·3 | 0 | —0·52 | 0 |
| Mount Abu | 25·917 | —·023 | S 66° W | 7·9 | 78·6 | 58·9 | 89·3 | +1·1 | 72·1 | +0·9 | 96·0 | 65·4 | 30 | —7 | 0·6 | 0 | —1·1 | 0 | —0·68 | 0 |
| Mercara | 26·112 | —·030 | N 73° W | 3·6 | 68·8 | 66·4 | 81·2 | +0·8 | 63·2 | —1·3 | 88·6 | 58·0 | 88 | +2 | 7·2 | 4 | —4·6 | 2·29 | —3·29 | 1·10 |
| Ootacamund | 22·983 | —·002 | S 66° E | 1·9 | 65·1 | 57·1 | 74·0 | +4·1 | 51·8 | —1·0 | 78·5 | 49·7 | 62 | —1 | 5·9 | 9 | —3·4 | 4·45 | —2·51 | 1·14 |
| Kodaikanal | 22·747 | —·023 | N 16° E | 6·3 | 63·3 | 54·8 | 72·8 | +3·8 | 55·2 | +0·3 | 76·5 | 50·3 | 59 | —8 | 3·9 | 8 | —3·0 | 4·36 | —1·65 | 1·32 |
| **Extra India.** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee | 29·641 | —·022 | S 50° W | 7·5 | 80·0 | 76·7 | 96·1 | +3·0 | 78·5 | —0·2 | 99·6 | 77·2 | 85 | +4 | 5·4 | 0 | —3·3 | 0 | —2·33 | 0 |
| Colombo | 29·771 | —·031 | S 46° W | 4·9 | 81·2 | 77·6 | 88·3 | +0·2 | 79·4 | +1·3 | 89·8 | 71·1 | 85 | +2 | 7·3 | 7 | —6·1 | 5·33 | —5·59 | 2·32 |
| Hambantota | 29·712 | .. | S 71° W | 11·5 | 79·7 | 77·1 | 88·2 | .. | 78·5 | .. | 95·2 | 75·7 | 89 | .. | 4·3 | 1 | .. | 0·50 | —2·60 | 0·35 |
| Minicoy | 29·807 | —·018 | N 70° W | 5·3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5·1 | 8 | —0·6 | 6·15 | +0·37 | 3·14 |
| Amini Divi | 29·785 | —·029 | N 58° W | 8·0 | 86·5 | 78·8 | 93·1 | +2·3 | 81·6 | +1·1 | 97·8 | 75·5 | 70 | —6 | 5·5 | 2 | —2·0 | 2·20 | —0·76 | 1·52 |
| Gyantse | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pharijong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gangtok | 24·179 | —·198 | N 45° E | 5·9 | 62·6 | 60·7 | 71·6 | —0·8 | 60·7 | +10·2 | 74·4 | 57·3 | 90 | +8 | 7·0 | 22 | +1·9 | 18·62 | —0·49 | 1·94 |
| Gartok (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgar (*c*) | 25·416 | —·114 | N 5° W | 2·1 | 64·8 | 58·2 | 79·5 | —1·5 | 54·7 | —3·0 | 90·3 | 47·3 | 68 | +24 | 4·0 | 0 | —1·2 | 0·01 | —0·69 | 0·01 |
| Kabul (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed | .. | .. | N 6° W | 1·1 | 59·8 | 51·7 | 77·3 | —1·0 | 48·6 | —6·9 | 94·8 | 41·0 | 57 | —3 | 2·5 | 2 | —1·3 | 1·47 | +0·19 | 0·96 |
| Jask | 29·661 | —·044 | N 26° W | 9·9 | 82·1 | 73·4 | 93·9 | +1·7 | 72·6 | —5·8 | 103·3 | 64·6 | 65 | —3 | 1·0 | 0 | 0 | 0 | 0 | 0 |
| Muscat | 29·694 | —·006 | N 35° W | 4·0 | 90·7 | 75·5 | 98·8 | +5·1 | 86·0 | +0·3 | 108·6 | 77·9 | 49 | —10 | 0·5 | 0 | 0 | 0 | 0 | 0 |
| Bushire | 29·743 | —·007 | N 30° W | 8·6 | 80·5 | 71·7 | 87·3 | —1·8 | 75·0 | —0·6 | 97·7 | 64·0 | 64 | +2 | 4·6 | 1 | +1·0 | 0·54 | +0·52 | 0·54 |
| Busrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kerman (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (*c*) | 24·255 | —·090 | N 9° W | 1·3 | 59·7 | 52·6 | 74·4 | —8·0 | 52·6 | —1·0 | 89·4 | 44·2 | 65 | +4 | 1·8 | 5 | +4·2 | 1·25 | +1·02 | 0·32 |
| Tehran (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Baghdad | 29·659 | —·037 | N 19° W | 3·4 | 72·8 | 61·6 | 81·3 | —12·4 | 68·3 | 0 | 94·0 | 57·4 | 52 | 0 | 5·1 | 2 | +1·3 | 1·15 | +0·94 | 0·85 |
| Aden | 29·675 | —·034 | N 36° E | 9·3 | 84·3 | 78·3 | 94·0 | +1·2 | 81·6 | +0·3 | 98·7 | 76·3 | 75 | +1 | 4·0 | 0 | —0·3 | 0 | —0·12 | 0 |
| Zanzibar | 29·909 | —·020 | S 11° W | 4·5 | 74·5 | 71·3 | 83·2 | +0·7 | 75·7 | +0·1 | 85·1 | 72·8 | 85 | —1 | 6·5 | 7 | —4·9 | 4·58 | —6·39 | 2·52 |

(*c*) Aneroid.

(*t*) Mean of 14 days.

# TABLE B.—JUNE 1921.

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point | 29·639 | .. | S 25° W | 5·1 | 79·5 | 76·7 | 84·0 | .. | 75·1 | .. | 86·8 | 71·7 | 88 | .. | 7·5 | 25 | +3·0 | 33·67 | +2·06 | 4·16 |
| Mergui | 29·713 | —·017 | S 43° E | 4·6 | (h) 77·0 | (h) 75·5 | (h) 84·1 | (h) —1·7 | (h) 73·7 | (h) 0 | 89·5 | 70·9 | (h) 93 | +1 | 6·5 | 27 | +2·7 | 30·58 | +1·11 | 3·05 |
| Tavoy | 29·749 | —·027 | S 6° E | 1·6 | 77·8 | 76·3 | 84·4 | —0·2 | 74·2 | —0·8 | 88·8 | 71·0 | 93 | +1 | 8·9 | 29 | +4·0 | 34·37 | —7·65 | 4·09 |
| Moulmein | 29·666 | —·011 | S 49° E | 2·9 | 77·0 | 75·1 | 83·5 | —1·2 | 74·1 | —0·8 | 87·9 | 71·0 | 91 | —1 | 9·6 | 27 | +1·3 | 37·04 | +1·24 | 3·80 |
| Amherst | .. | .. | S 7° W | 8·6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rangoon | 29·703 | —·009 | S 6° E | 3·9 | 79·5 | 77·4 | 86·5 | +0·2 | 76·2 | —0·4 | 90·8 | 73·7 | 91 | —1 | 9·4 | 27 | +4·1 | 24·27 | +6·32 | 1·86 |
| Bassein | 29·678 | —·010 | S 30° W | 3·3 | 80·5 | 78·3 | 86·8 | +0·5 | 74·9 | —1·6 | 91·2 | 70·9 | 90 | —2 | 7·5 | 20 | —3·4 | 18·08 | —4·88 | 2·85 |
| Diamond Island | 29·642 | —·030 | S 39° W | 9·5 | 83·1 | 79·2 | 85·7 | +0·2 | 77·9 | +1·1 | 90·8 | 74·0 | 84 | 0 | 8·4 | 20 | —1·0 | 16·86 | —7·34 | 3·36 |
| Toungoo | 29·550 | —·006 | S 51° E | 2·9 | 78·1 | 75·7 | 87·5 | —1·5 | 75·1 | —0·3 | 92·2 | 73·6 | 89 | 0 | 7·0 | 23 | +2·6 | 14·25 | +0·05 | 2·65 |
| Kyaukpyu | 29·624 | .. | S 65° E | 1·4 | 80·3 | 77·9 | 86·4 | .. | 77·2 | .. | 90·4 | 73·4 | 89 | .. | 7·6 | 23 | —1·0 | 30·40 | —8·57 | 4·87 |
| Akyab | 29·590 | —·045 | S 34° E | 3·0 | 80·3 | 78·4 | 85·5 | —0·4 | 76·8 | —1·1 | 90·8 | 71·0 | 91 | —2 | 9·4 | 26 | +2·1 | 41·42 | —4·45 | 5·15 |
| Minbu | 29·476 | —·027 | S 29° E | 5·1 | 81·8 | 76·1 | 95·4 | +3·1 | 74·5 | —3·2? | 102·9 | 70·9 | 76 | —7 | 7·9 | 8 | —1·9 | 7·10 | +1·37 | 2·25 |
| Yamethin | 29·031 | —·011 | .. | .. | 80·5 | 75·8 | 93·5 | +2·4 | 75·8 | +0·5 | 98·5 | 73·5 | 80 | —3 | 6·4 | 5 | —4·0 | 1·33 | —4·02 | 0·37 |
| Mandalay | 29·396 | —·024 | S 7° E | 7·1 | 84·7 | 77·1 | 97·9 | +3·2 | 78·8 | +0·1 | 101·1 | 73·7 | 70 | —6 | 6·2 | 8 | +0·4 | 6·55 | +0·79 | 2·98 |
| Monywa | 29·364 | —·026 | S 24° E | 3·9 | 84·0 | 76·6 | 98·8 | +5·5 | 79·7 | +1·2 | 102·1 | 76·1 | 70 | —11 | 8·6 | 5 | —2·1 | 1·65 | —4·06 | 0·39 |
| Lashio | 26·903 | —·024 | S 25° W | 2·9 | 73·5 | 70·3 | 84·8 | +0·3 | 70·1 | +0·5 | 89·7 | 58·8 | 85 | —2 | 8·2 | 14 | —1·8 | 10·69 | +0·32 | 2·77 |
| Bhamo | 29·253 | —·025 | Calm | 0·5 | 78·2 | 76·5 | 89·8 | —0·2 | 75·3 | +0·5 | 95·6 | 72·6 | 92 | +2 | 8·3 | 19 | +0·1 | 14·92 | +0·74 | 2·50 |
| Myitkyina | 29·145 | —·036 | E | 2·5 | 76·9 | 75·2 | 86·4 | —1·3 | 74·3 | —1·0 | 92·2 | 71·6 | 92 | +2 | 7·7 | 21 | +1·4 | 21·30 | +6·53 | 3·92 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·240 | —·040 | S 75° E | 0·5 | 76·7 | 75·4 | 84·3 | —2·8 | 73·6 | —0·3 | 93·5 | 66·9 | 93 | +1 | 8·5 | 21 | +2·4 | 16·96 | —0·99 | 2·25 |
| Sibsagar | 29·261 | —·039 | N 51° E | 1·0 | 78·3 | 77·0 | 85·9 | —2·9 | 76·2 | —0·1 | 93·2 | 70·2 | 94 | +2 | 9·8 | 17 | +0·2 | 17·60 | +3·74 | 2·75 |
| Tezpur | 29·355 | —·003? | N 83° E | 1·0 | 78·3 | 76·2 | 87·1 | —1·4 | 76·2 | —0·4 | 93·8 | 70·3 | 91 | 0 | 8·7 | 16 | +0·6 | 15·50 | +4·21 | 2·11 |
| Gauhati (e) | 29·394 | —·029 | S 67° E | (f) 0·7 | 80·1 | 76·5 | 87·1 | —2·1 | 75·3 | —0·9 | 94·8 | 69·3 | 84 | —5 | 6·4 | 19 | +3·1 | 12·80 | —1·71 | 1·50 |
| Dhubri | 29·445 | —·035 | S 83° E | 6·0 | 78·3 | 76·2 | 83·1 | —2·8 | 76·1 | 0 | 89·4 | 70·1 | 90 | —1 | 8·5 | 19 | +1·3 | 29·75 | +6·32 | 7·75 |
| Silchar | 29·509 | —·024 | N 63° E | 1·6 | 79·5 | 76·9 | 86·9 | —2·3 | 74·9 | —1·2 | 95·7 | 67·7 | 89 | 0 | 6·5 | 24 | +3·2 | 27·23 | +5·17 | 4·15 |
| Srimangal | 29·532 | .. | .. | .. | 79·1 | 77·2 | 89·5 | —0·6 | 73·9 | —1·5 | 94·3 | 68·7 | 92 | +4 | 3·8 | 21 | +0·5 | 19·46 | +0·57 | 3·16 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·570 | .. | S 37° E | 4·4 | 80·7 | 78·2 | 85·7 | .. | 76·3 | .. | 89·7 | 70·5 | 89 | .. | 7·4 | 19 | —0·4 | 25·03 | —0·99 | 4·16 |
| Chittagong | 29·508 | —·026 | S 39° E | 3·9 | 80·1 | 77·3 | 87·4 | +0·6 | 75·8 | —1·1 | 91·2 | 69·4 | 87 | +1 | 7·5 | 21 | +4·6 | 17·12 | —3·67 | 3·30 |
| Noakhali | 29·538 | —·026 | S 31° E | 7·2 | 81·0 | 78·5 | 86·6 | —0·6 | 77·1 | —0·1 | 90·0 | 70·8 | 89 | +1 | 6·6 | 19 | +0·7 | 23·22 | +1·72 | 4·50 |
| Barisal | 29·536 | —·031 | S 18° E | 4·7 | 82·8 | 79·7 | 88·2 | —0·6 | 77·4 | —0·8 | 91·9 | 70·7 | 87 | 0 | 6·9 | 17 | +0·3 | 14·03 | —2·29 | 2·07 |
| Narayanganj | 29·538 | —·025 | S 19° E | 4·6 | 81·9 | 78·5 | 88·4 | —0·7 | 77·1 | —1·1 | 91·5 | 71·2 | 85 | —4 | 8·3 | 16 | +1·6 | 10·31 | —2·79 | 2·38 |
| Mymensingh | 29·503 | —·037 | S 63° E | 2·2 | 80·1 | 77·0 | 86·2 | —1·2 | 76·7 | —0·2 | 91·4 | 69·9 | 86 | —3 | 8·9 | 19 | +0·7 | 10·78 | —8·21 | 1·51 |
| Bogra | 29·465 | —·043 | S 79° E | 1·3 | 81·2 | 79·1 | 88·5 | —1·0 | 76·5 | —0·7 | 95·9 | 72·0 | 91 | +4 | 8·6 | 16 | +1·6 | 9·11 | —4·93 | 1·47 |
| Dinajpur | 29·407 | —·044 | S 78° E | 4·3 | 80·0 | 77·1 | 88·5 | —1·0 | 76·5 | —0·6 | 96·8 | 69·5 | 87 | —2 | 7·3 | 13 | —0·8 | 13·23 | —0·84 | 3·02 |
| Jalpaiguri | 29·291 | —·025 | S 76° E | 1·5 | 78·7 | 76·7 | 87·4 | —0·9 | 75·6 | —0·1 | 93·2 | 70·4 | 91 | +2 | 4·8 | 14 | —3·5 | 15·88 | —7·19 | 2·56 |
| Saugor Island | 29·502 | —·034 | S 20° W | 11·0 | 83·8 | 79·6 | 88·3 | —2·2 | 79·7 | —1·9 | 91·3 | 74·3 | 83 | 0 | 7·9 | 12 | —0·1 | 14·28 | +3·18 | 3·60 |
| Midnapore | 29·345 | —·053 | S 17° E | 3·7 | 84·3 | 79·1 | 94·1 | 0 | 79·1 | +0·1 | 107·8 | 72·3 | 79 | —3 | 7·1 | 12 | —0·8 | 6·19 | —3·70 | 1·54 |
| Calcutta | 29·486 | —·044 | S 20° E | 4·7 | 83·6 | 80·2 | 90·9 | —0·6 | 79·5 | +0·7 | 95·6 | 73·1 | 87 | +2 | 7·7 | 14 | +1·0 | 14·27 | +2·46 | 3·59 |
| Jessore | 29·496 | —·036 | S 29° E | 2·8 | 83·4 | 78·9 | 91·1 | —0·2 | 78·4 | —0·3 | 97·5 | 73·2 | 81 | —7 | 8·3 | 14 | —0·3 | 12·12 | —0·65 | 2·37 |
| Burdwan | 29·390 | —·058 | S | 2·4 | 82·8 | 79·4 | 92·8 | —0·9 | 78·4 | —0·8 | 103·8 | 73·2 | 86 | +3 | 8·1 | 12 | —0·6 | 8·13 | —1·69 | 2·12 |
| Berhampore | 29·443 | —·044 | S 41° E | 4·4 | 82·8 | 79·6 | 93·5 | +1·1 | 78·5 | +0·1 | 104·6 | 72·2 | 86 | —1 | 7·9 | 16 | +4·0 | 13·92 | +4·09 | 2·40 |

(h) = Mean of 26 days. (e) Mean of 29 days. (f) Mean of 28 days.

# TABLE B.—JUNE 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·440 | —·052 | S 17° W | 4·3 | 83·4 | 79·4 | 94·4 | +1·3 | 79·4 | +0·4 | 106·6 | 73·5 | 83 | +2 | 7·9 | 10 | —1·3 | 4·63 | —5·02 | 1·24 |
| Hukitala (False Point) | 29·486 | —·045 | S 21° W | 11·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·1 | 12 | +2·2 | 6·43 | —2·06 | 1·43 |
| Cuttack | 29·437 | —·036 | S 48° W | 2·5 | 83·6 | 79·8 | 95·2 | —0·6 | 78·5 | —1·6 | 107·9 | 73·1 | 84 | +6 | 7·9 | 14 | +2·7 | 9·49 | —0·31 | 2·95 |
| Puri | 29·503 | —·035 | S 55° W | 13·2 | 84·2 | 80·7 | (e) 88·7 | (e) —0·5 | 80·7 | —0·2 | 92·0 | 74·0 | 85 | 0 | 7·0 | 12 | +4·3 | 12·08 | +4·88 | 2·88 |
| Angul | 29·048 | —·044 | N 27° W | 5·6 | 84·3 | 78·4 | 93·3 | +1·1 | 79·8 | +1·3 | 111·8 | 74·4 | 77 | —1 | 7·9 | 12 | —0·1 | 6·50 | —1·29 | 1·32 |
| Sambalpur | 29·001 | —·066 | S 31° W | 4·5 | 84·1 | 76·6 | 97·6 | —0·3 | 77·6 | —3·4? | 115·2 | 70·9 | 75 | +6 | 6·2 | 13 | +2·5 | 9·55 | —0·38 | 1·83 |
| Chaibasa | 28·745 | —·055 | S 32° W | 2·2 | 84·3 | 77·8 | 98·0 | +3·7? | 80·2 | +2·7 | 112·0 | 74·8 | 75 | —3 | 6·3 | 14 | +2·5 | 9·29 | +1·02 | 3·50 |
| Ranchi | 27·388 | —·054 | S 58° W | 3·8 | 80·9 | 73·8 | 92·5 | +0·2 | 76·4 | +0·9 | 106·7 | 70·9 | 73 | +1 | 7·1 | 15 | +3·4 | 10·63 | +1·20 | 1·97 |
| Purulia | 28·683 | —·030? | S | 1·3 | 84·7 | 77·1 | 99·0 | +1·6 | 79·5 | +0·7 | 115·3 | 74·5 | 72 | —7 | 6·9 | 13 | +2·6 | 14·50 | +7·03 | 3·52 |
| Daltonganj | 28·745 | —·048 | S 45° W | 4·8 | 85·4 | 77·0 | 100·7 | —0·1 | (e) 80·0 | —1·1? | 114·5 | 71·1 | 69 | +3 | 4·9 | 13 | +4·2 | 14·01 | +7·79 | 3·78 |
| Purnea | 29·396 | —·047 | N 80° E | 4·1 | 80·9 | 77·6 | 90·8 | —1·1 | 77·1 | —0·3 | 97·1 | 69·0 | 80 | —7 | 7·0 | 9 | —2·8 | 5·64 | —5·45 | 1·77 |
| Monghyr | 29·329 | .. | S 86° E | 7·2 | 84·6 | 78·8 | 98·1 | .. | 79·2 | .. | 110·2 | 75·9 | 77 | .. | 6·4 | 5 | —5·4 | 6·98 | —3·40 | 3·04 |
| Darbhanga | 29·340 | —·045 | E * | (q) 4·9 | 82·3 | 77·9 | 94·6 | +2·2 | 78·6 | —0·4 | 103·3 | 70·8 | 79 | —4 | 6·0 | 7 | —2·1 | 5·80 | —2·57 | 1·75 |
| Pusa | 29·305 | .. | E | 4·7 | 84·8 | 78·8 | 97·3 | .. | 79·1 | .. | 112·1 | 75·9 | 76 | .. | 5·1 | 5 | —4·3 | 4·06 | —5·77 | 1·55 |
| Patna | 29·294 | —·045 | S 88° E | 6·8 | 86·9 | 79·1 | 97·8 | +1·5 | 80·5 | +0·5 | 110·5 | 76·5 | 71 | —6 | 4·1 | 9 | +1·1 | 3·90 | —4·13 | 1·46 |
| Buxar | 29·223 | —·056 | N 80° E | 5·1 | 85·4 | 78·2 | 101·0 | +2·8 | 81·7 | +1·7 | 113·5 | 75·6 | 73 | +2 | 5·1 | 7 | —0·4 | 5·66 | +0·47 | 2·61 |
| Gaya | 29·100 | —·048 | S 79° E | 4·4 | 89·9 | 78·2 | 102·1 | +2·3 | 84·0 | +3·3 | 114·9 | 76·4 | 61 | —12? | 4·7 | 3 | —4·7 | 3·32 | —3·80 | 1·46 |
| Naya Dumka | 29·001 | —·049 | S 66° E | 2·8 | 85·1 | 79·0 | 95·9 | +2·2 | 80·0 | +1·7 | 113·1 | 77·0 | 76 | —4 | 5·6 | 13 | +1·3 | 8·51 | —1·62 | 2·22 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·237 | —·039 | E | 2·2 | 84·8 | 78·6 | 98·9 | +1·9 | 80·7 | +1·3 | 112·4 | 73·0 | 76 | —2 | 2·5 | 9 | +0·8 | 7·97 | +0·41 | 2·43 |
| Benares | 29·201 | —·044 | N 74° E | 3·7 | 89·9 | 78·1 | 101·2 | +0·4 | 83·5 | +1·5 | 114·6 | 75·7 | 61 | —7 | 4·7 | 10 | +4·1 | 6·69 | +1·65 | 2·24 |
| Allahabad | 29·166 | —·033 | N 49° W | 2·7 | 90·6 | 77·0 | 104·1 | +1·5 | 83·8 | +0·9 | 115·1 | 73·9 | 56 | —4 | 4·9 | 9 | +3·7 | 3·79 | —0·80 | 1·05 |
| Cawnpore | 29·050 | —·042 | S 10° W | 2·5 | 90·2 | 78·2 | 102·5 | +0·8 | 84·2 | +1·8 | 114·0 | 76·3 | 60 | —1 | 2·8 | 8 | +3·7 | 9·66 | +6·66 | 4·60 |
| Lucknow | 29·091 | —·052 | N 49° E | 2·3 | 89·5 | 77·9 | 103·2 | +1·7 | 83·4 | +1·9 | 113·2 | 75·0 | 61 | —4 | 2·7 | 8 | +2·6 | 10·47 | +6·09 | 3·40 |
| Bahraich | 29·079 | —·040 | S 84° E | (e) 3·4 | 85·9 | 77·6 | 100·4 | +1·9 | 80·9 | +1·1 | 112·9 | 75·2 | 69 | —5 | 3·2 | 7 | 0 | 4·21 | —1·70 | 1·40 |
| Jhansi | 28·657 | —·060 | S 50° W | 5·6 | 90·5 | 75·7 | 105·2 | +1·4 | 85·1 | +0·1 | 112·9 | 74·5 | 51 | —5 | 4·9 | 4 | —1·5 | 3·79 | —0·69 | 2·08 |
| Agra | 28·908 | —·050 | S 26° W | (x) 2·2 | 94·6 | 78·4 | 106·7 | +2·3 | 86·7 | +1·8 | 113·6 | 76·7 | 49 | —5 | 3·4 | 4 | +0·2 | 1·47 | —0·94 | 0·63 |
| Mainpuri | 28·955 | —·039 | S 84° E | 2·2 | 91·0 | 78·2 | 103·6 | 0 | 83·8 | +1·1 | 114·2 | 70·3 | 58 | —1 | 4·3 | 4 | —0·1 | 5·60 | +2·93 | 3·50 |
| Bareilly | 28·891 | —·059 | N 62° E | 1·6 | 87·3 | 77·1 | 97·5 | —2·8? | 81·1 | +0·9 | 109·8 | 72·1 | 65 | —2 | 5·2 | 5 | —0·2 | 12·91 | +7·90 | 7·52 |
| Roorkee | 28·584 | —·040 | S 63° E | 3·4 | 85·9 | 74·2 | 101·0 | +0·3 | 79·7 | +0·8 | 113·0 | 72·1 | 58 | —1 | 4·5 | 7 | +1·5 | 2·10 | —2·88 | 0·84 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 28·766 | —·030 | S 2° E | 4·1 | 90·1 | 75·8 | 104·6 | +1·0 | 85·2 | +1·4 | 111·0 | 75·2 | 51 | —2 | 2·0 | 1 | —3·1 | 0·76 | —2·30 | 0·61 |
| Hissar | 28·746 | —·023 | S 46° W | 6·3 | 93·0 | 75·5 | 109·0 | +2·1 | 86·0 | +2·4 | 114·0 | 76·2 | 43 | —6 | 1·6 | 1 | —2·1 | 0·41 | —1·35 | 0·34 |
| Patiala | 28·616 | —·085? | S 49° E | 4·4 | 90·2 | 76·8 | 105·9 | +3·4 | .. | .. | 112·4 | .. | 53 | —4 | 2·7 | 1 | —2·3 | 0·45 | —1·76 | 0·45 |
| Ambala | 28·569 | —·053 | S 61° E | 5·1 | 90·2 | 73·5 | 108·0 | +5·0 | 83·0 | +2·8 | 114·6 | 70·4 | 44 | —15? | 1·7 | 2 | —3·0 | 0·94 | —2·91 | 0·69 |
| Ludhiana | 28·633 | —·056 | S 65° E | 1·8 | 89·0 | 72·6 | 108·2 | +3·1 | 83·2 | +2·1 | 115·1 | 68·4 | 44 | —6 | 1·4 | 2 | —1·6 | 0·97 | —1·63 | 0·70 |
| Lahore | 28·732 | —·053 | S 60° E | 2·4 | 90·9 | 74·8 | 107·0 | —0·4 | 83·5 | +3·4 | 115·3 | 71·7 | 46 | —4 | 2·4 | 3 | 0 | 1·28 | —0·48 | 0·52 |
| Sialkot | 28·608 | —·057 | N 72° E | 3·1 | 91·4 | 71·8 | 106·9 | +1·0 | 81·4 | +0·5 | 114·8 | 72·5 | 37 | —13 | 2·3 | 2 | —1·7 | 0·46 | —2·04 | 0·19 |
| Rawalpindi | 27·828 | —·037 | N 33° E | 4·5 | 87·5 | 68·4 | 105·0 | +1·5 | 73·2 | —2·2 | 113·8 | 62·0 | 36 | —8 | 1·4 | 4 | +0·5 | 0·75 | —1·32 | 0·25 |

* Wind observations for 17 days.
(q) Mean of 17 days.

(e) Mean of 20 days.
(x) " 10 days.

# TABLE B.—JUNE 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI.—Punjab—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Khushab | 28·831 | —·042 | N 68° E | 4·1 | 92·7 | 71·0 | 108·7 | +1·2 | 81·7 | —0·7 | 118·2 | 65·2 | 32 | —9 | 3·3 | 1 | —1·5 | 0·82 | —0·63 | 0·75 |
| Lyallpur | 28·807 | .. | S 75° E | 3·2 | 90·6 | 72·4 | 106·9 | .. | 82·9 | .. | 115·3 | 70·9 | 40 | .. | 0·8 | 2 | —0·4 | 0·83 | —0·72 | 0·73 |
| Montgomery | 28·855 | —·059 | S 9° E | 4·0 | 91·1 | 73·8 | 107·4 | —1·7 | 83·5 | —0·4 | 115·4 | 72·1 | 42 | +2 | 1·4 | 1 | —0·5 | 0·78 | —0·21 | 0·70 |
| Multan | 28·975 | —·057 | S 58° W | 2·9 | 92·9 | 76·3 | 110·9 | +2·6 | 88·2 | +4·0 | 120·8 | 76·3 | 45 | —5 | 1·2 | 1 | —0·3 | 0·15 | —0·49 | 0·13 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·372 | —·039 | N 15° W | 1·1 | 87·7 | 70·1 | 109·3 | +3·4 | 78·1 | +0·8 | 118·0 | 71·1 | 40 | —1 | 1·0 | 0 | —0·9 | 0 | —0·36 | 0 |
| Dera Ismail Khan | 28·844 | —·051 | N 41° E | 2·4 | 92·2 | 75·1 | 108·3 | +0·4 | 85·1 | +4·0 | 117·8 | 73·1 | 43 | —12 | 0·3 | 1 | —0·2 | 0·28 | —0·38 | 0·20 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·224 | —·050 | S 18° E | 3·2 | 93·1 | 73·7 | 111·1 | —2·8 | 84·7 | +0·4 | 120·3 | 73·0 | 47 | —8 | 0·4 | 1 | +0·6 | 0·83 | +0·63 | 0·83 |
| Hyderabad | 29·378 | —·026 | S 47° W | 11·1 | 87·3 | 78·3 | 105·3 | +1·1 | 82·5 | +0·8 | 116·2 | 79·9 | 65 | +3 | 0·4 | 0 | —0·8 | 0 | —0·49 | 0 |
| Karachi | 29·516 | —·011 | S 78° W | 13·6 | 85·8 | 82·4 | 90·2 | —0·8 | 82·5 | +0·1 | 92·1 | 79·4 | 86 | +6 | 4·7 | 0 | —0·7 | 0·03 | —0·94 | 0·03 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 28·714 | —·026 | S 47° W | 8·8 | 90·7 | 78·0 | 109·6 | +2·5 | 86·0 | +0·5 | 114·0 | 77·5 | 54 | 0 | 0·5 | 1 | —1·4 | 0·49 | —0·24 | 0·42 |
| Jodhpur | 28·746 | —·027 | S 45° W | 7·3 | 87·3 | 74·7 | 105·0 | +0·4 | 83·9 | +1·2 | 109·5 | 79·7 | 53 | —4 | 3·3 | 0 | —2·1 | 0 | —1·26 | 0 |
| Jaipur | 28·105 | —·032 | S 58° W | 5·4 | 90·7 | 74·1 | 106·9 | +2·9 | 84·0 | +2·3 | 113·5 | 75·0 | 44 | —9 | 1·8 | 1 | —2·8 | 0·20 | —1·97 | 0·15 |
| Ajmer | 27·926 | —·049 | S 76° W | 9·8 | 85·1 | 73·7 | 102·2 | +1·2 | 83·6 | +1·9 | 106·2 | 75·4 | 57 | —4 | 1·8 | 1 | —1·3 | 0·25 | —1·99 | 0·25 |
| Kotah | 28·673 | —·042 | S 63° W | 3·1 | 93·0 | 75·6 | 106·8 | +0·8 | 87·6 | +1·2 | 112·8 | 77·6 | 43 | —5 | 3·3 | 1 | —3·2 | 0·74 | —1·80 | 0·67 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29·123 | —·009 | S 59° W | 12·0 | 87·4 | 77·1 | 106·3 | +4·0 | 82·5 | +2·0 | 109·2 | 79·6 | 61 | —6 | 5·8 | 0 | —3·1 | 0 | —2·08 | 0 |
| Bhuj | 29·228 | —·018 | S 73° W | 11·6 | 87·4 | (s) 81·2 | 98·0 | +0·5 | 79·8 | 0 | 101·5 | 77·1 | (s) 76 | +2 | 6·1 | 0 | —2·3 | 0 | —1·84 | 0 |
| Jamnagar | .. | .. | S 47° W | 10·2 | 87·5 | 79·5 | 97·6 | +1·4 | 80·8 | +0·7 | 101·8 | 74·8 | 69 | 0 | 4·1 | 1 | —1·8 | 0·79 | —1·15 | 0·70 |
| Dwarka | 29·560 | —·019 | S 60° W | 13·4 | 85·7 | 80·3 | 90·7 | +1·7 | 84·0 | +2·1 | 92·6 | 81·0 | 78 | —2 | 4·4 | 0 | —2·7 | 0·02 | —2·46 | 0·01 |
| Rajkot | 29·159 | —·024 | S 45° W | 13·0 | 86·1 | 78·9 | 101·6 | +1·7 | 79·5 | +1·7 | 105·1 | 75·4 | 71 | —3 | 5·0 | 2 | —3·1 | 3·44 | —0·93 | 3·10 |
| Veraval | 29·605 | —·008 | S 43° W | 14·1 | 84·4 | 80·2 | 86·7 | +0·3 | 83·0 | +1·8 | 88·6 | 78·5 | 82 | —2 | 5·4 | 2 | —2·3 | 0·82 | —3·45 | 0·38 |
| Bhavnagar Para | 29·569 | —·010 | S 52° W | 2·9 | 87·2 | 77·9 | 101·5 | +1·7 | 81·0 | +0·7 | 106·8 | 76·4 | 64 | —7 | 6·6 | 3 | —1·9 | 2·70 | —1·86 | 2·33 |
| Surat | 29·599 | —·010 | S 33° W | 6·1 | 86·5 | 79·1 | 93·5 | +0·1 | 81·4 | +1·8 | 96·9 | 74·3 | 71 | —6 | 7·4 | 4 | —3·9 | 1·09 | —7·52 | 0·38 |
| Ahmadabad | 29·459 | +·002 | S 76° W | 6·3 | 87·8 | 78·0 | 105·3 | +3·8 | 82·8 | +1·5 | 107·8 | 78·9 | 63 | —5 | 4·1 | 1 | —4·2 | 0·29 | —4·31 | 0·15 |
| Bombay | 29·633 | —·016 | S 47° W | 6·5 | 83·0 | 78·5 | 89·1 | +1·1 | 80·5 | +0·8 | 94·4 | 74·4 | 81 | —1 | 7·3 | 13 | —1·3 | 26·74 | +7·96 | 8·51 |
| Ratnagiri | 29·464 | —·041 | S 29° W | 7·1 | 81·3 | 77·5 | 86·0 | —0·8 | 77·3 | —0·1 | 91·8 | 73·3 | 84 | +1 | 8·6 | 21 | +1·1 | 36·13 | +7·16 | 7·28 |
| Marmagao | 29·631 | —·038 | S 66° W | 4·6 | 81·5 | 78·3 | 86·3 | —0·4 | 77·2 | —0·4 | 93·7 | 71·5 | 86 | 0 | 8·7 | 17 | —3·0 | 27·95 | —2·18 | 3·33 |
| Karwar | 29·689 | —·014 | S 50° W | 3·2 | 80·9 | 78·1 | 86·2 | +1·0 | 77·4 | +1·2 | 94·9 | 74·0 | 88 | +4 | 6·5 | 21 | —1·7 | 22·43 | —15·21 | 3·00 |
| Malegaon | 28·204 | —·017 | S 55° W | 9·3 | 82·0 | 74·1 | 97·4 | +1·8 | 75·2 | +0·1 | 105·3 | 69·7 | 69 | +1 | 6·0 | 7 | —0·1 | 3·04 | —1·52 | 0·70 |
| Ahmadnagar | 27·547 | —·002 | N 89° W | 7·0 | 79·4 | 71·2 | 92·9 | +1·1 | 71·7 | —0·4 | 104·9 | 65·9 | 66 | —8 | 4·2 | 7 | —0·5 | 5·59 | +0·46 | 2·75 |
| Poona | 27·858 | +·007 | N 76° W | 9·6 | 78·8 | 71·9 | 91·0 | +1·2 | 72·7 | +0·1 | 100·0 | 68·1 | 71 | —1 | 8·5 | 5 | —2·6 | 2·66 | —2·35 | 1·25 |
| Sholapur | 28·091 | —·011 | N 81° W | 10·2 | 79·7 | 71·3 | 95·4 | +0·2 | 74·5 | +0·9 | 105·8 | 70·9 | 66 | —1 | 6·3 | 6 | —0·7 | 1·92 | —2·85 | 0·60 |
| Bijapur | 27·747 | —·015 | N 87° W | 8·7 | 77·9 | 72·0 | 92·9 | +1·2 | 72·7 | +0·9 | 103·0 | 69·3 | 74 | —2 | 7·0 | 2 | —3·6 | 0·91 | —2·28 | 0·70 |
| Belgaum | 27·193 | —·006 | S 58° W | 6·0 | 72·8 | 69·6 | 82·5 | +1·3 | 68·3 | +0·3 | 93·3 | 65·3 | 85 | —1 | 8·9 | 8 | —5·4 | 10·14 | +1·90 | 4·49 |

(s) Mean of 17 days.

# TABLE B.—JUNE 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 27·948 | —·040 | S 89° W | 10·1 | 86·0 | 76·3 | 100·0 | +1·3 | 79·8 | +2·0 | 107·1 | 74·8 | 64 | —5 | 3·6 | 1 | —3·9 | 0·13 | —3·88 | 0·10 |
| Indore | 27·787 | —·024 | N 86° W | 8·5 | 80·4 | 73·5 | 96·4 | +1·1 | 75·3 | 0 | 103·1 | 68·3 | 72 | 0 | 6·6 | 7 | —0·5 | 7·64 | +2·09 | 2·95 |
| Nowgong | 28·730 | —·045 | N 77° W | 3·4 | 89·4 | 75·2 | 103·5 | +0·9 | 82·9 | —0·2 | 113·1 | 74·3 | 53 | —4 | 4·9 | 5 | —1·1 | 5·00 | —1·24 | 2·67 |
| Sutna | 28·438 | —·047 | S 78° W | 5·0 | 88·7 | 76·1 | 101·1 | +1·0 | 83·0 | +1·0 | 110·8 | 74·8 | 58 | +3 | 4·6 | 7 | +0·7 | 5·98 | +0·39 | 2·68 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | .. | .. | N 81° W | 7·0 | 77·5 | 71·3 | 92·5 | —0·1 | 73·1 | —0·4 | 102·4 | 66·6 | 74 | .. | 7·1 | 10 | +0·8 | 12·34 | +5·63 | 3·35 |
| Akola | 28·683 | —·016 | N 78° W | 8·9 | 82·0 | 74·0 | 96·9 | —1·9 | 77·3 | —0·7 | 108·2 | 71·0 | 69 | +3 | 7·5 | 12 | +3·9 | 5·79 | +0·52 | 1·49 |
| Amraoti | 28·384 | —·019 | N 77° W | 7·1 | 80·7 | 72·9 | 95·2 | —2·6 | 76·5 | —0·8 | 108·3 | 71·1 | 70 | +1 | 7·2 | 13 | +4·4 | 7·79 | +1·24 | 1·61 |
| Khandwa | 28·552 | —·022 | N 85° W | 9·2 | 81·5 | 74·1 | 96·9 | —1·5 | 76·4 | —2·6 | 107·4 | 67·9 | 71 | +5 | 7·1 | 9 | +2·1 | 16·36 | +11·18 | 3·45 |
| Hoshangabad | 28·573 | —·015 | S 71° W | 7·0 | 83·0 | 74·3 | 97·7 | —1·8 | 77·8 | —1·9 | 109·1 | 71·4 | 67 | +1 | 6·1 | 9 | +1·0 | 9·19 | +3·49 | 2·05 |
| Saugor | 27·706 | —·077? | N 78° W | 7·3 | 82·6 | 71·9 | 97·5 | —1·3 | 77·7 | —0·7 | 107·6 | 67·4 | 60 | —1 | 4·1 | 11 | +3·1 | 10·70 | +4·06 | 2·03 |
| Jubbulpore | 28·188 | —·048 | S 64° W | 2·9 | 83·6 | 73·5 | 95·8 | —2·3 | 78·6 | —0·3 | 108·9 | 71·5 | 64 | +3 | 6·0 | 14 | +5·1 | 16·58 | +9·08 | 3·13 |
| Seoni | 27·549 | —·026 | N 65° W | 4·9 | 82·3 | 72·2 | 93·0 | —2·4 | 75·3 | —0·2 | 107·0 | 70·1 | 64 | +1 | 6·8 | 12 | +0·7 | 10·63 | +1·77 | 4·57 |
| Nagpur | 28·550 | —·023 | N 78° W | 7·0 | 83·6 | 73·9 | 97·1 | —2·1 | 78·9 | —0·1 | 111·1 | 73·1 | 64 | 0 | 6·0 | 13 | +2·8 | 6·10 | —2·68 | 2·13 |
| Pendra | 27·515 | —·024 | S 88° W | 6·1 | 83·0 | 71·5 | 94·3 | —0·4 | 77·7 | +0·7 | 107·7 | 70·6 | 61 | +1 | 4·8 | 14 | +2·5 | 8·42 | +0·92 | 2·10 |
| Raipur | 28·571 | —·024 | S 70° W | 5·6 | 83·9 | 73·4 | 96·3 | —1·5 | 79·2 | +0·3 | 113·5 | 71·8 | 64 | 0 | 7·6 | 12 | +2·4 | 14·98 | +6·93 | 5·80 |
| Chanda | 28·936 | —·040 | S 68° W | 6·3 | 83·8 | 75·3 | 96·0 | —3·3 | 78·6 | —1·2 | 113·1 | 71·4 | 70 | +8 | 7·6 | 16 | +6·5 | 16·03 | +8·71 | 3·88 |
| Jagdalpur | 27·775 | .. | S 58° W | 4·4 | 81·0 | 73·2 | 92·5 | .. | 75·6 | .. | 109·4 | 68·1 | 71 | .. | 6·9 | 11 | +1·5 | 10·37 | +1·24 | 3·60 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 27·773 | —·014 | N 89° W | 13·3 | 78·7 | 71·5 | 95·1 | +0·6 | 73·5 | +0·7 | 104·8 | 69·5 | 70 | +1 | 7·6 | 6 | —1·6 | 3·02 | —2·72 | 1·11 |
| Nizamabad | 28·382 | —·047 | S 68° W | 4·9 | 80·3 | 73·1 | 95·2 | —2·0 | 75·7 | —1·5 | 111·7 | 69·6 | 72 | +3 | 7·8 | 13 | +5·0 | 13·13 | +7·73 | 2·90 |
| Bidar | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gulbarga | 28·166 | —·023 | N 83° W | 12·4 | 78·5 | 71·0 | 96·3 | +0·8 | 73·6 | —0·4 | 107·9 | 64·9 | 69 | —4 | 7·3 | 4 | —3·1 | 2·77 | —2·04 | 1·73 |
| Raichur | 28·364 | —·015 | N 74° W | 11·4 | 80·3 | 72·7 | 95·8 | +0·7 | 75·3 | +0·3 | 107·0 | 71·3 | 69 | 0 | 4·8 | 5 | —0·8 | 3·37 | —0·19 | 1·15 |
| Hyderabad (Deccan) | 27·946 | —·010 | N 83° W | 7·6 | 79·7 | 72·3 | 94·4 | —0·2 | 75·4 | —0·8 | 109·0 | 69·2 | 70 | +2 | 7·8 | 8 | +1·4 | 4·87 | +0·23 | 1·26 |
| Hanamkonda | 28·736 | —·020 | N 80° W | 6·8 | 83·6 | 73·1 | 97·1 | —0·9 | 79·5 | —0·3 | 112·7 | 73·9 | 61 | +2 | 7·1 | 7 | —0·3 | 5·52 | —0·26 | 2·84 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·336 | —·015 | S 80° W | 7·5 | 74·4 | 70·1 | 88·1 | +1·8 | 70·2 | +0·1 | 94·0 | 67·8 | 80 | +1 | 8·0 | 4 | —2·2 | 1·78 | —1·26 | 1·25 |
| Hassan | 26·663 | —·007 | S 88° W | 8·8 | 71·3 | 67·7 | 81·5 | +0·9 | 66·7 | +0·7 | 88·0 | 64·1 | 83 | 0 | 7·2 | 8 | —2·0 | 3·65 | —0·38 | 0·74 |
| Bangalore | 26·774 | —·019 | S 82° W | 9·2 | 71·5 | 67·8 | 85·4 | +0·5 | 67·2 | +0·3 | 90·3 | 64·9 | 82 | +2 | 8·9 | 4 | —1·8 | 3·56 | +0·62 | 1·51 |
| Mysore | 27·260 | —·025 | S 60° W | 7·5 | 74·1 | 69·0 | 85·9 | +1·1 | 68·2 | +0·1 | 91·2 | 65·4 | 77 | —3 | 6·3 | 4 | —2·6 | 1·07 | —2·02 | 0·50 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·691 | —·026 | N 41° W | 5·1 | 79·3 | 76·6 | 86·6 | +1·3 | 75·1 | +1·1 | 93·0 | 71·7 | 88 | +2 | 7·7 | 25 | +0·6 | 37·92 | +1·42 | 6·76 |
| Calicut | 29·751 | —·018 | N 63° W | 4·6 | 78·1 | 76·6 | 84·5 | —0·2 | 75·9 | +0·8 | 88·7 | 73·7 | 93 | +4 | 8·7 | 22 | —1·9 | 21·51 | —12·54 | 3·23 |
| Cochin | 29·780 | —·024 | N 45° W | 3·4 | 79·6 | 76·4 | 84·9 | —0·4 | 75·3 | +0·5 | 88·8 | 72·7 | 86 | —1 | 8·2 | 23 | —1·0 | 22·77 | —5·66 | 4·43 |
| Trivandrum | 29·585 | —·024 | N 49° W | 6·2 | 79·0 | 75·8 | 84·9 | +1·9 | 75·7 | —0·1 | 88·5 | 72·8 | 85 | —2 | 7·6 | 6 | —10·7 | 4·39 | —8·72 | 1·66 |
| Pamban | 29·661 | —·050? | S 33° W | 10·7 | 84·3 | 76·0 | 93·6 | +3·4 | 81·2 | +0·9 | 95·0 | 80·1 | 79 | +1 | 2·7 | 1 | +0·6 | 0·41 | +0·29 | 0·41 |
| Madura | 29·272 | —·002 | N 63° W | 6·0 | 85·2 | 74·4 | 98·5 | +0·5 | 78·7 | +1·6 | 104·1 | 72·1 | 59 | —5 | 6·7 | 4 | +1·7 | 2·82 | +1·39 | 1·55 |
| Pudukkottai | 29·388 | —·029 | N 77° W | 4·3 | 85·8 | 74·5 | 100·7 | +1·8 | 79·7 | +1·4 | 104·9 | 74·6 | 57 | —7 | 1·6 | 4 | +1·1 | 2·45 | +1·12 | 1·67 |
| Negapatam | 29·663 | —·033 | S 77° W | 7·0 | 85·5 | 77·4 | 99·2 | +1·6 | 79·7 | +0·3 | 103·5 | 75·2 | 68 | +4 | 4·5 | 4 | +1·8 | 1·36 | +0·08 | 0·85 |

# TABLE B.—JUNE 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV—Madras—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Trichinopoly | 29·449 | —·031 | S 68° W | 7·2 | 85·4 | 75·0 | 99·5 | +0·5 | 78·9 | +0·3 | 103·9 | 69·6 | 60 | —2 | 4·0 | 3 | +0·9 | 2·62 | +1·36 | 1·87 |
| Coimbatore | 28·399 | —·014 | S 46° W | 6·7 | 79·2 | 72·9 | 89·8 | +0·2 | 72·2 | +0·4 | 95·5 | 69·8 | 74 | —7 | 4·2 | 1 | —3·7 | 1·19 | —0·53 | 1·10 |
| Salem | 28·799 | —·026 | S 46° W | 5·6 | 80·3 | 73·8 | 96·7 | +1·4 | 75·4 | +0·9 | 109·1 | 72·6 | 73 | —2 | 5·5 | 2 | —3·2 | 0·95 | —2·08 | 0·67 |
| Cuddalore | 29·640 | —·034 | S 47° W | 6·8 | 85·5 | 77·3 | 97·2 | —1·7? | 80·2 | +0·2 | 101·3 | 74·0 | 68 | 0 | 5·7 | 2 | —0·6 | 3·52 | +2·06 | 3·25 |
| Vellore | 28·975 | —·030 | W | 4·5 | 83·9 | 75·2 | 98·1 | +1·2 | 79·0 | +0·4 | 106·4 | 70·4 | 65 | +2 | 5·0 | 6 | +1·3 | 3·08 | +0·62 | 0·84 |
| Madras | 29·630 | —·042 | S 59° W | 5·2 | 87·3 | 76·1 | 100·7 | +1·8 | 82·2 | +1·3 | 106·7 | 78·1 | 58 | —4 | 6·1 | 1 | —2·6 | 0·65 | —1·12 | 0·47 |
| Cuddapah | 29·250 | —·024 | N 55° W | .. | 86·2 | 75·3 | 100·4 | +0·2 | 80·8 | +0·3 | 107·9 | 68·4 | 59 | —2 | 6·1 | 5 | +0·5 | 4·49 | +1·49 | 2·68 |
| Bellary | 28·224 | —·016 | N 78° W | 8·2 | 80·9 | 72·6 | 95·5 | +0·7 | 75·7 | —0·1 | 103·3 | 67·7 | 66 | +4 | 6·9 | 2 | —1·7 | 2·25 | +0·28 | 1·19 |
| Kurnool | 28·753 | —·017 | N 87° W | 7·7 | (e) 80·6 | (e) 75·2 | (e) 97·3 | +0·2 | (e) 77·8 | +0·7 | 106·4 | 69·1 | (e) 70 | +2 | 6·4 | 5 | —0·7 | 3·06 | +0·12 | 1·75 |
| Nellore | 29·554 | —·049 | N 70° W | 4·4 | 88·0 | 75·5 | 102·0 | +0·4 | 82·2 | +0·1 | 109·2 | 77·2 | 54 | —6 | 6·0 | 3 | +0·3 | 0·87 | —0·34 | 0·29 |
| Masulipatam | 29·596 | —·037 | N 81° W | 8·4 | 86·6 | 76·0 | 101·0 | +2·8 | 80·7 | +0·2 | 114·4 | 73·7 | 64 | —13? | 6·5 | 6 | 0 | 5·34 | +0·90 | 2·75 |
| Cocanada | 29·561 | —·037 | S 88° W | 7·8 | 86·5 | 78·9 | 99·2 | +2·5 | 81·9 | +0·8 | 111·7 | 74·8 | 70 | —4 | 7·4 | 3 | —3·3 | 1·59 | —3·06 | 0·72 |
| Vizagapatam | 29·507 | —·050 | N 89° W | 10·6 | 86·8 | 78·8 | 93·8 | +2·4 | 83·0 | +2·7 | 104·7 | 79·1 | 69 | —4 | 8·7 | 4 | —2·5 | 0·93 | —3·98 | 0·23 |
| Calingapatam | 29·511 | .. | S 61° W | 8·1 | 85·6 | 79·9 | 93·7 | .. | 81·1 | .. | 100·6 | 73·8 | 77 | .. | 5·7 | 7 | +1·1 | 3·98 | —0·39 | 1·10 |
| Gopalpur | 29·464 | —·041 | S 42° W | 10·0 | 85·2 | 81·2 | 90·6 | +1·0 | 81·8 | +1·4 | 97·3 | 75·5 | 84 | +1 | 6·2 | 3 | —4·8 | 2·20 | —3·74 | 1·03 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser | 29·497 | .. | S 33° W | .. | 84·9 | 81·9 | .. | .. | .. | .. | .. | .. | 88 | .. | 7·2 | 13 | +3·1 | 10·46 | +3·52 | 2·20 |
| Port Blair | 29·657 | —·035 | S 45° W | 6·7 | 81·4 | 78·2 | 85·5 | —0·4 | 77·7 | —0·1 | 87·8 | 74·5 | 86 | —2 | 7·3 | 19 | —2·0 | 11·13 | —8·11 | 3·25 |
| Table Island | 29·591 | —·041 | S 32° W | 15·9 | 82·0 | 79·9 | 84·7 | —1·3 | 78·3 | +0·5 | 87·8 | 72·3 | 91 | +3 | 7·5 | 15 | —1·7 | 13·49 | —2·04 | 4·40 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | 27·187 | .. | S 45° W | 2·9 | 81·6 | 63·3 | 96·9 | .. | 72·6 | .. | 110·3 | 62·1 | 35 | .. | 3·1 | 4 | —1·6 | 2·45 | —1·20 | 1·22 |
| Srinagar | 24·703 | —·006 | N 45° W | 2·8 | 65·8 | 59·1 | 79·0 | —2·4 | 55·3 | —2·3 | 88·6 | 48·1 | 67 | —15 | 4·0 | 6 | +2·3 | 2·32 | +0·80 | 0·64 |
| Gulmarg | 21·775 | +·008 | N 25° W | (e) 2·8 | 56·5 | 50·5 | 62·7 | —4·1 | 42·2 | —1·3 | 71·9 | 36·2 | 68 | —9 | 4·1 | 13 | +4·0 | 7·33 | +3·86 | 3·28 |
| Dras | 20·729 | +·005 | N 83° W | 3·6 | 50·1 | 48·1 | 62·4 | —11·5 | 42·2 | +1·1 | 69·2 | 36·7 | 88 | +28 | 5·2 | 5 | +2·7 | 1·99 | +1·35 | 0·63 |
| Leh | 19·651 | —·006 | S 15° E | 2·0 | 50·0 | 41·8 | 63·4 | —8·6 | 42·1 | —1·8 | 74·0 | 34·0 | 55 | +14 | 4·8 | 2 | +1·3 | 0·51 | +0·32 | 0·29 |
| Skardu | 22·750 | +·008 | S 63° E | 4·0 | 59·5 | 50·5 | 72·0 | —7·4 | 51·7 | —3·6 | 82·2 | 44·3 | 56 | +7 | 4·2 | 3 | +2·2 | 0·75 | +0·47 | 0·29 |
| Gilgit | 24·996 | +·066 | S 45° W | 0·5 | 70·9 | 60·9 | 84·1 | —8·2 | 59·9 | —7·2 | 97·0 | 50·2 | 57 | +17 | 4·1 | 4 | +2·7 | 0·85 | +0·48 | 0·23 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·179 | .. | S 60° W | 4·4 | 79·5 | 59·0 | 99·9 | .. | 72·9 | .. | 107·9 | 64·0 | 28 | .. | 2·0 | 1 | —0·8 | 0·55 | —0·21 | 0·55 |
| Quetta | 24·431 | —·019 | Calm | 2·1 | 65·8 | 56·5 | 91·7 | +1·1 | 56·7 | —1·8 | 99·5 | 47·3 | 46 | 0 | 0·2 | 0 | —0·4 | 0 | —0·17 | 0 |
| Chaman | 25·418 | —·050 | S 21° E | 6·9 | 80·1 | 55·5 | 101·3 | +1·6 | 70·0 | —2·2 | 110·4 | 62·4 | 15 | —19 | 0·3 | 0 | 0 | 0 | —0·03 | 0 |
| Kalat (c) | 23·562 | .. | S | 5·4 | 66·3 | 49·6 | 87·8 | —3·4 | .. | .. | 96·9 | .. | 28 | —6 | 0 | 0 | —0·6 | 0 | —0·27 | 0 |
| Dalbandin | 26·828 | .. | S 69° W | 6·3 | 84·6 | 61·9 | 106·1 | .. | 81·6 | .. | 113·7 | 71·5 | 24 | .. | 0·4 | 0 | —0·2 | 0 | —0·04 | 0 |
| Pasni | 29·508 | .. | N 81° W | 8·0 | 84·3 | 79·8 | 96·4 | .. | 78·8 | .. | 111·7 | 74·7 | 82 | .. | 3·9 | 0 | —0·8 | 0 | —1·46 | 0 |
| Panjgur | 26·453 | .. | N 31° W | 5·2 | 82·1 | 67·0 | 102·4 | .. | 75·0 | .. | 109·8 | 66·8 | 46 | .. | 0·3 | 0 | .. | 0 | .. | 0 |
| Seistan | 27·797 | .. | N 46° W | 11·3 | 81·5 | 62·7 | 102·3 | .. | 74·2 | .. | 112·8 | 64·3 | 32 | .. | 0·2 | 0 | .. | 0 | .. | 0 |
| **Hill stations excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachinar | 24·227 | —·038 | Calm | 1·0 | 75·3 | 58·6 | 89·1 | +1·5 | 64·5 | +1·0 | 97·2 | 55·9 | 36 | —3 | 2·3 | 6 | +1·2 | 2·30 | +0·10 | 0·74 |
| Cherat | 25·461 | —·016 | N 5° W | 4·5 | 78·5 | 59·0 | 92·1 | —1·7 | 73·1 | —0·1 | 102·6 | 62·4 | 30 | —12 | 1·2 | 2 | 0 | 0·75 | —0·48 | 0·50 |
| Drosh (c) | 24·799 | .. | S 86° W | 4·0 | 70·8 | 56·6 | 87·2 | —3·6 | 66·1 | —1·3 | 97·1 | 54·0 | 41 | —9 | 2·0 | 4 | +2·2 | 0·83 | +0·21 | 0·19 |

(c) Aneroid.

(e) Mean of 29 days.

# TABLE B.—JUNE 1921—*concld.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill stations excluding Kashmir and Baluchistan—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Murree | 23·808 | —·045 | S 45° E | 2·8 | 71·1 | 56·9 | 82·2 | +0·5 | 63·8 | —0·3 | 92·4 | 51·2 | 43 | —6 | 4·2 | 6 | +0·3 | 2·02 | —1·66 | 0·73 |
| Simla | 22·942 | —·023 | .. | .. | 67·4 | 56·0 | 75·5 | +1·3 | 61·9 | +1·1 | 80·5 | 53·3 | 50 | —11 | 3·0 | 5 | —4·5 | 2·85 | —3·87 | 0·89 |
| Sarain | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kalabagh | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chakrata | 23·219 | ? | S 78° W | 8·1 | 66·7 | 57·6 | 79·7 | +5·4 | 60·2 | 0 | 90·5 | 51·9 | 61 | —6 | 5·4 | 8 | —2·6 | 3·67 | —4·28 | 1·18 |
| Mukteswar | 22·675 | —·037 | S 88° W | 6·4 | 62·6 | 56·4 | 72·4 | —2·7 | 54·5 | —3·5 | 81·2 | 46·8 | 71 | +2 | 6·0 | 12 | +1·9 | 23·90 | +17·65 | 8·69 |
| Dajiling | 22·780 | —·034 | N 56° W | 3·2 | 60·6 | 59·6 | 68·0 | +2·5 | 57·2 | +1·0 | 72·7 | 53·6 | 95 | +1 | 9·5 | 16 | —4·4 | 17·40 | —6·60 | 3·47 |
| Kalimpong | 25·781 | .. | .. | .. | 68·3 | 67·2 | 74·7 | .. | 65·8 | .. | 80·8 | 62·2 | 95 | .. | 8·6 | ? | .. | ? | ? | ? |
| Shillong | 24·967 | +·020 | S 59° W | 3·6 | 66·9 | 63·8 | 74·3 | —0·1 | 62·2 | —1·0 | 79·7 | 56·1 | 84 | +1 | 8·3 | 20 | +0·9 | 17·15 | +0·15 | 2·51 |
| Cherrapunji | 25·471 | —·025 | S 13° W | 4·7 | 65·6 | 64·5 | 70·9 | —1·3 | 63·4 | —0·6 | 77·5 | 56·6 | 94 | 0 | 8·4 | 26 | +1·9 | 108·57 | +14·34 | 17·94 |
| Netarhat | .. | .. | N 77° W | 9·6 | 76·0 | 68·4 | 87·6 | .. | 71·2 | .. | 100·8 | 65·2 | 71 | .. | 5·1 | 19 | .. | 16·03 | .. | 2·55 |
| Maymyo | 26·222 | —·034 | S 45° W | 2·0 | 70·1 | 68·3 | 78·0 | —0·4 | 66·5 | +0·6 | 81·6 | 64·2 | 90 | +4 | 7·6 | 9 | —4·7 | 8·55 | —0·91 | 2·24 |
| Pachmarhi | 26·185 | —·030 | W | 7·0 | 75·1 | 69·3 | 87·0 | —0·4 | 71·8 | —0·5 | 98·0 | 65·1 | 75 | +6 | 6·2 | 14 | +3·4 | 16·81 | +7·53 | 4·23 |
| Mount Abu | 25·808 | —·005 | S 42° W | 8·7 | 73·0 | 66·8 | 86·0 | +2·4 | 68·2 | —0·3 | 89·2 | 64·9 | 73 | +1 | 5·7 | 1 | —5·4 | 0·40 | —4·88 | 0·35 |
| Mercara | 26·069 | —·026 | S 88° W | 5·4 | 65·7 | 64·6 | 73·4 | +0·6 | 61·6 | —1·8 | 86·3 | 59·0 | 93 | —1 | 9·2 | 17 | —6·3 | 21·20 | —4·67 | 5·05 |
| Ootacamund | 22·929 | —·011 | S 88° W | 5·1 | 58·9 | 55·6 | 65·8 | +1·6 | 52·1 | —0·1 | 73·2 | 46·0 | 82 | +4 | 8·3 | 12 | —1·8 | 6·33 | —0·74 | 1·14 |
| Kodaikanal | 22·694 | —·024 | N 74° W | 8·3 | 58·5 | 54·5 | 66·6 | +1·5 | 53·4 | —0·3 | 72·7 | 51·2 | 79 | +4 | 5·5 | 10 | —0·1 | 4·11 | +0·09 | 0·94 |
| **Extra India.** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee | 29·622 | —·024 | S 50° W | 8·1 | 79·5 | 75·3 | 94·8 | +3·2 | 77·7 | —0·8 | 98·7 | 75·4 | 81 | +1 | 6·3 | 3 | +1·1 | 0·99 | —0·37 | 0·61 |
| Colombo | 29·764 | —·034 | S 56° W | 4·7 | 80·2 | 76·9 | 86·9 | +0·8 | 78·9 | +1·4 | 88·4 | 74·8 | 86 | +2 | 6·9 | 5 | —8·3 | 1·53 | —6·39 | 0·56 |
| Hambantota | 29·696 | .. | S 69° W | 12·0 | 78·4 | 75·5 | 88·7 | +1·5 | 77·4 | +1·3 | 95·9 | 76·0 | 87 | .. | 4·2 | 1 | .. | 0·39 | —1·95 | 0·15 |
| Minicoy | 29·807 | —·008 | N 76° W | 8·1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6·4 | 14 | —3·1 | 12·85 | +1·79 | 3·78 |
| Amini Divi | 29·753 | —·018 | N 76° W | 14·0 | 82·7 | 77·9 | 87·7 | +0·7 | 78·0 | —0·1 | 93·0 | 73·1 | 80 | —3 | 8·0 | 16 | —0·2 | 13·90 | —0·07 | 4·56 |
| Gyantse | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pharijong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gangtok | 24·164 | —·139 | N 63° E | ? | 64·0 | 62·8 | 72·2 | —1·7 | 61·6 | +6·7 | 76·6 | 53·0 | 94 | +4 | 9·5 | 28 | +5·6 | 24·13 | +3·48 | 2·40 |
| Gartok (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgar (c) | 25·290 | —·160 | N 31° W | 1·8 | 72·2 | 64·7 | 87·8 | —1·0 | 59·1 | —4·7 | 97·3 | 50·8 | 67 | +25 | 1·9 | 0 | —0·8 | 0·04 | —0·24 | 0·03 |
| Kabul (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed | .. | .. | N | 1·6 | 71·0 | 60·4 | 91·9 | +4·4 | 59·8 | —1·4 | 98·4 | 50·0 | 56 | +7 | 0·9 | 1 | +0·3 | 0·24 | —0·07 | 0·15 |
| Jask | 29·484 | —·036 | N 64° E | 9·7 | 86·8 | 79·4 | 97·8 | +1·9 | 77·6 | —5·7 | 110·5 | 73·0 | 72 | +1 | 1·1 | 0 | —0·1 | 0 | —0·07 | 0 |
| Muscat | 29·512 | +·004 | S 82° E | 2·1 | 91·1 | 81·1 | 98·6 | +2·7 | 87·2 | —1·3 | 109·6 | 80·9 | 66 | +2 | 0·7 | 0 | —0·2 | 0 | —0·14 | 0 |
| Bushire | 29·532 | —·006 | N 42° W | 9·5 | 86·7 | 74·6 | 92·6 | +0·8 | 81·6 | +1·0 | 106·9 | 75·8 | 56 | —10 | 0·9 | 0 | 0 | 0 | 0 | 0 |
| Busrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kerman (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (c) | 24·185 | —·070 | N 45° W | 1·3 | 71·2 | 59·8 | 89·9 | —3·9 | 61·4 | —0·8 | 95·4 | 55·2 | 52 | 0 | 0·1 | 0 | —0·1 | 0 | —0·03 | 0 |
| Tehran (c) | 25·575 | —·137 | N 15° E | 3·9 | 72·2 | 61·6 | 89·3 | —5·0 | .. | .. | 95·5 | .. | 54 | +12 | 1·0 | 0 | —0·3 | 0 | —0·09 | 0 |
| Baghdad | 29·529 | —·010 | N 35° W | 5·3 | 81·5 | 60·8 | 103·7 | —0·8 | 75·9 | —0·2 | 116·2 | 63·1 | 24 | —14 | 1·1 | 0 | 0 | 0 | 0 | 0 |
| Aden | 29·547 | —·045 | S 54° E | 4·3 | 87·3 | 80·8 | 95·1 | +0·3 | 84·9 | +0·9 | 97·6 | 82·7 | 74 | +3 | 5·9 | 0 | —0·1 | 0 | —0·06 | 0 |
| Zanzibar | 29·957 | —·038 | S 20° W | 6·0 | 75·7 | 72·3 | 81·5 | —0·2 | 74·1 | 0 | 83·8 | 72·1 | 84 | 0 | 6·4 | 1 | —2·2 | 0·37 | —1·41 | 0·10 |

(c) Aneroid.

# TABLE B.—JULY 1921.

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point | 29·655 | .. | S 4° E | 6·3 | 78·2 | 75·5 | 83·4 | .. | 74·6 | .. | 87·2 | 71·2 | 88 | .. | 7·7 | 24 | —0·6 | 38·81 | +5·40 | 3·82 |
| Mergui | 29·723 | —·003 | S 42° E | 3·5 | 76·6 | 75·8 | 84·0 | +0·7 | 73·6 | —0·4 | 90·0 | 71·4 | 96 | +3 | 6·0 | 21 | —4·6 | 39·98 | +8·12 | 5·22 |
| Tavoy | 29·761 | —·014 | S 18° W | 1·8 | 77·6 | 76·0 | 83·8 | +0·7 | 74·3 | +0·1 | 91·0 | 72·5 | 92 | —1 | 8·3 | 23 | —4·3 | 42·69 | —7·71 | 5·50 |
| Moulmein | 29·682 | +·006 | S 54° E | 2·7 | 77·2 | 75·4 | 83·5 | +0·4 | 74·6 | +0·4 | 89·3 | 73·0 | 92 | —1 | 9·0 | 24 | —3·7 | 39·33 | —7·06 | 4·50 |
| Amherst | .. | .. | S 6° E | 8·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rangoon | 29·721 | +·012 | S | 4·3 | 79·4 | 77·2 | 85·8 | +0·6 | 76·5 | +0·6 | 91·5 | 73·7 | 90 | —3 | 9·2 | 22 | —3·4 | 18·83 | —2·72 | 3·24 |
| Bassein | 29·698 | +·014 | S 40° W | 3·8 | 79·5 | 77·2 | 86·0 | +1·0 | 74·8 | —1·2 | 90·6 | 72·2 | 86 | —7 | 7·4 | 20 | —6·1 | 19·84 | —5·32 | 2·47 |
| Diamond Island | 29·664 | —·007 | S 45° W | 7·5 | 81·3 | 78·1 | 85·1 | +0·7 | 77·6 | +1·6 | 91·9 | 74·1 | 87 | +1 | 8·6 | 22 | —1·3 | 22·53 | —3·50 | 3·75 |
| Toungoo | 29·566 | +·015 | S 46° E | 2·2 | 78·4 | 75·9 | 86·9 | 0 | 75·2 | +0·3 | 93·4 | 73·0 | 88 | —3 | 7·2 | 20 | —4·5 | 13·97 | —3·76 | 2·20 |
| Kyaukpyu | 29·650 | .. | S 47° E | 1·0 | 79·9 | 77·5 | 85·5 | .. | 76·7 | .. | 90·5 | 73·6 | 90 | .. | 7·4 | 23 | —3·4 | 48·49 | +0·40 | 8·71 |
| Akyab | 29·624 | +·001 | S 25° E | 3·2 | 80·2 | 78·0 | 86·0 | +1·5 | 76·5 | —0·8 | 91·3 | 71·2 | 90 | —4 | 8·7 | 25 | —2·5 | 53·88 | +0·39 | 7·90 |
| Minbu | 29·504 | +·009 | S 28° E | 4·3 | 81·6 | 77·0 | 93·6 | +2·8 | 73·4 | —3·9? | 99·7 | 70·1 | 80 | —4 | 6·9 | 5 | —4·2 | 2·94 | —1·49 | 1·12 |
| Yamethin | 29·052 | +·017 | .. | .. | 79·5 | 75·2 | 91·7 | +2·1 | 75·9 | +1·1 | 99·9 | 73·0 | 81 | —4 | 7·5 | 9 | +0·2 | 2·79 | —1·12 | 0·85 |
| Mandalay (*d*) | 29·435 | +·029 | S | (*e*) 5·6 | 84·5 | 77·2 | 96·8 | +2·3 | 79·6 | +1·0 | 105·7 | 77·5 | 71 | —4 | 7·5 | 8 | +2·1 | 2·79 | —0·62 | 1·17 |
| Monywa | 29·397 | +·027 | S 45° E | 1·8 | 82·5 | 76·9 | 95·6 | +0·7 | 78·9 | —0·2 | 102·8 | 74·1 | 77 | —3 | 8·8 | 10 | +5·7 | 6·90 | +4·30 | 1·68 |
| Lashio | 26·933 | +·018 | S 22° W | 2·5 | 73·0 | 70·7 | 82·9 | —0·5 | 70·0 | +0·2 | 88·1 | 65·8 | 90 | +1 | 8·9 | 16 | —1·5 | 6·86 | —5·60 | 0·78 |
| Bhamo | 29·294 | +·037 | Calm | 0·4 | 78·1 | 77·1 | 88·5 | +0·6 | 75·8 | +0·7 | 94·4 | 72·8 | 95 | +2 | 9·1 | 13 | —7·1 | 8·50 | —8·76 | 1·42 |
| Myitkyina | 29·178 | +·017 | N 45° W | 2·1 | 77·6 | 75·8 | 87·6 | +0·5 | 75·3 | —0·5 | 94·4 | 71·0 | 92 | +1 | 8·3 | 20 | —1·4 | 16·41 | —2·62 | 3·96 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·261 | +·011 | S 20° E | 0 | 79·0 | 76·9 | 86·7 | —0·5 | 74·9 | —0·5 | 96·5 | 71·5 | 91 | —2 | 7·5 | 21 | —1·0 | 9·35 | —12·24 | 1·12 |
| Sibsagar | 29·287 | +·011 | S 26° E | 1·5 | 80·6 | 78·5 | 87·7 | —1·9 | 78·3 | +0·5 | 95·0 | 76·0 | 91 | —1 | 9·0 | 15 | —4·6 | 10·03 | —7·04 | 3·76 |
| Tezpur | 29·387 | +·047 | N 83° E | 1·1 | 80·0 | 78·0 | 88·4 | —1·0 | 77·9 | +0·2 | 96·6 | 75·0 | 91 | 0 | 8·6 | 12 | —5·6 | 16·15 | +2·22 | 2·82 |
| Gauhati | 29·429 | +·036 | S 71° E | 1·0 | 81·9 | 80·0 | 90·1 | —0·3 | 77·6 | —0·4 | 95·6 | 73·9 | 92 | +4 | 6·1 | 22 | +7·5 | 19·85 | +9·04 | 3·75 |
| Dhubri | 29·486 | +·032 | S 60° E | 4·2 | 80·1 | 78·0 | 83·6 | —2·5 | 77·7 | —0·5 | 88·5 | 72·9 | 91 | 0 | 8·8 | 21 | +5·1 | 28·69 | +12·01 | 6·31 |
| Silchar | 29·546 | +·032 | S 72° E | 1·3 | 80·6 | 78·4 | 89·1 | —1·0 | 76·7 | —0·3 | 96·7 | 74·1 | 90 | 0 | 7·4 | 22 | —0·6 | 18·32 | —1·68 | 2·20 |
| Srimangal | (*d*) 29·573 | .. | .. | .. | 80·2 | 77·9 | 90·6 | +0·6 | 75·3 | —1·2 | 96·1 | 70·6 | 90 | +3 | 3·6 | 22 | +0·1 | 14·65 | —2·32 | 1·93 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·594 | .. | S 32° E | 4·3 | 80·4 | 78·2 | 86·1 | .. | 76·4 | .. | 90·8 | 72·3 | 90 | .. | 6·1 | 19 | —3·7 | 30·21 | —3·77 | 6·45 |
| Chittagong | 29·544 | +·026 | S 18° E | 2·6 | 80·3 | 78·1 | 87·6 | +1·8 | 77·0 | +0·5 | 92·4 | 71·2 | 90 | +2 | 7·7 | 17 | —1·6 | 23·14 | +1·36 | 8·20 |
| Noakhali | 29·584 | +·037 | S 36° E | 5·5 | 81·3 | 78·8 | 86·3 | +0·6 | 78·5 | +1·1 | 92·3 | 72·8 | 89 | —1 | 5·8 | 18 | —5·0 | 24·85 | +0·18 | 3·22 |
| Barisal | 29·575 | +·026 | S 19° E | 4·1 | 82·8 | 79·9 | 87·8 | +0·4 | 78·6 | 0 | 92·7 | 74·6 | 87 | —2 | 7·0 | 20 | —0·5 | 19·48 | +4·00 | 3·78 |
| Narayanganj | 29·580 | +·036 | S 26° E | 4·3 | 82·6 | 78·9 | 87·9 | —0·3 | 78·0 | —1·1 | 92·7 | 73·8 | 84 | —6 | 8·3 | 20 | +2·7 | 17·00 | +4·54 | 2·23 |
| Mymensingh | 29·544 | +·029 | S 61° E | 2·0 | 81·4 | 78·3 | 87·7 | +0·3 | 78·5 | +0·3 | 92·1 | 73·0 | 87 | —3 | 9·1 | 15 | —4·8 | 15·46 | —0·89 | 3·23 |
| Bogra | 29·513 | +·025 | S 54° E | 1·8 | 82·7 | 79·9 | 89·6 | +0·7 | 78·7 | +0·2 | 93·4 | 73·8 | 90 | +2 | 8·3 | 17 | +0·4 | 13·40 | +0·35 | 1·93 |
| Dinajpur | 29·449 | +·022 | S 59° E | 3·7 | 81·6 | 78·6 | 88·5 | —0·9 | 78·4 | —0·2 | 95·3 | 70·5 | 87 | —3 | 7·7 | 18 | +0·9 | 19·69 | +4·42 | 3·65 |
| Jalpaiguri | 29·323 | +·037 | S 52° E | 2·8 | 78·7 | 77·4 | 86·3 | —2·1 | 76·2 | —0·9 | 95·8 | 74·0 | 94 | +3 | 5·4 | 24 | +2·4 | 56·88 | +26·02 | 7·15 |
| Saugor Island | 29·540 | +·022 | S 4° W | 9·9 | 83·4 | 79·6 | 87·9 | 0 | 79·7 | —0·7 | 91·0 | 75·7 | 84 | —3 | 7·9 | 17 | +1·1 | 11·56 | —3·81 | 3·69 |
| Midnapore | 29·395 | +·014 | S 38° E | 3·2 | 82·8 | 78·6 | 89·7 | —0·3 | 78·9 | +0·4 | 95·2 | 75·7 | 82 | —4 | 9·1 | 16 | —0·2 | 15·26 | +2·44 | 3·38 |
| Calcutta | 29·525 | +·012 | S 10° E | 4·5 | 82·4 | 79·7 | 89·4 | +1·0 | 79·4 | +0·8 | 94·1 | 74·5 | 88 | 0 | 8·5 | 12 | —6·2 | 9·66 | —3·08 | 2·32 |
| Jessore | 29·543 | +·028 | S 27° E | 1·9 | 82·9 | 79·0 | 88·9 | —0·2 | 79·0 | 0 | 91·9 | 74·8 | 84 | —5 | 7·6 | 21 | +3·4 | 12·62 | +0·29 | 1·74 |
| Burdwan | 29·441 | +·007 | S 16° W | 1·9 | 82·1 | 79·0 | 90·5 | +0·3 | 78·8 | —0·5 | 95·6 | 75·2 | 87 | 0 | 8·5 | 10 | —5·9 | 8·29 | —4·58 | 3·01 |
| Berhampore | 29·498 | +·029 | S 24° E | 4·3 | 82·8 | 79·6 | 90·6 | +1·1 | 79·4 | +0·6 | 95·7 | 75·2 | 86 | —5 | 7·7 | 9 | —6·8 | 8·69 | —2·32 | 3·60 |

(*d*) Mean of 30 days.

(*e*) Mean of 29 days.

# TABLE B.—JULY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. Mean 8 hrs. pressure reduced to 32° and standard gravity. | Pressure. Departure from normal. | Wind. Resultant direction. | Wind. Mean velocity, miles per hour. | Temperature. Mean of 8 hrs. dry bulb. | Temperature. Mean of 8 hrs. wet bulb. | Temperature. Mean maximum. | Temperature. Departure from normal. | Temperature. Mean minimum. | Temperature. Departure from normal. | Temperature. Highest temperature observed during month. | Temperature. Lowest temperature observed during month. | Humidity. Mean humidity at 8 hrs. | Humidity. Departure from normal. | Mean cloud amount at 8 hrs. | Rainfall. Number of rainy days. | Rainfall. Departure from normal. | Rainfall. Rainfall of month. | Rainfall. Departure from normal. | Rainfall. Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·492 | +·011 | S 26° W | 3·6 | 82·1 | 79·3 | 90·9 | +1·9 | 78·5 | +0·1 | 97·0 | 74·8 | 88 | +2 | 7·5 | 18 | +3·7 | 12·14 | +0·94 | 3·02 |
| Hukitala (False Point) | 29·532 | +·016 | S 28° W | 10·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·0 | 13 | —1·2 | 17·14 | +5·00 | 4·30 |
| Cuttack | 29·483 | +·021 | S 60° W | 2·2 | 82·5 | 79·0 | 90·7 | +0·8 | 78·0 | —0·6 | 98·3 | 75·3 | 85 | +3 | 7·6 | 11 | —4·4 | 9·77 | —1·92 | 2·60 |
| Puri | 29·553 | +·027 | S 33° W | 11·1 | 83·4 | 79·8 | 88·6 | +0·9 | 81·3 | +1·5 | 91·8 | 76·0 | 85 | —1 | 7·0 | 11 | —1·0 | 6·68 | —3·25 | 2·63 |
| Angul | 29·098 | +·001 | S 68° W | 5·1 | 81·5 | 77·9 | 89·2 | +1·1 | 77·7 | +0·6 | 95·4 | 74·0 | 84 | —1 | 7·5 | 16 | +1·8 | 12·26 | +1·45 | 2·35 |
| Sambalpur | 29·062 | +·002 | S 14° W | 3·6 | 80·7 | 77·3 | 89·0 | +1·5 | 75·2 | —2·2? | 95·5 | 71·7 | 85 | 0 | 5·9 | 11 | —8·8 | 16·32 | —4·01 | 2·79 |
| Chaibasa | 28·799 | +·015 | S 35° W | 2·5 | 80·8 | 77·2 | 90·3 | —0·3 | 77·6 | +0·5 | 95·2 | 74·5 | 84 | +3 | 6·8 | 17 | +1·5 | 16·14 | +4·10 | 2·55 |
| Ranchi | 27·426 | +·013 | S 28° W | 4·0 | 76·9 | 74·0 | 85·1 | +0·7 | 73·5 | +0·2 | 91·5 | 69·1 | 87 | —1 | 8·0 | 16 | —1·7 | 21·38 | +6·31 | 7·23 |
| Purulia | (d) 28·731 | +·028 | S 27° W | 2·0 | 82·0 | 77·0 | 92·2 | +2·1 | 78·0 | +1·1 | 98·9 | 71·5 | 79 | —9 | 8·4 | 12 | —4·0 | 12·12 | —0·32 | 6·87 |
| Daltonganj | 28·796 | +·012 | S 24° E | 4·4 | 81·5 | 77·7 | 93·2 | +1·9 | 78·2 | +0·1 | 100·1 | 73·4 | 84 | +1 | 5·3 | 14 | —0·5 | 13·56 | +3·08 | 3·90 |
| Purnea | 29·440 | +·022 | S 60° E | 2·5 | 81·0 | 78·7 | 88·1 | —1·7 | 77·7 | —1·1 | 94·7 | 70·2 | 90 | 0 | 8·6 | 17 | +0·4 | 19·69 | +5·72 | 3·78 |
| Monghyr | 29·378 | .. | S 86° E | 4·5 | 83·8 | 79·6 | 92·9 | .. | 79·6 | .. | 102·7 | 75·9 | 84 | .. | 7·0 | 15 | +0·1 | 7·83 | —1·54 | 1·72 |
| Darbhanga | 29·388 | +·025 | .. | .. | 81·7 | 78·6 | 90·7 | +1·2 | 79·0 | —0·6 | 99·3 | 74·8 | 87 | —1 | 8·4 | 10 | —4·0 | 10·10 | —1·55 | 3·68 |
| Pusa | 29·359 | .. | N 81° E | 2·7 | 83·0 | 80·2 | 93·1 | .. | 78·8 | .. | 101·1 | 73·9 | 88 | .. | 7·8 | 10 | —2·9 | 8·09 | —2·33? | 2·00 |
| Patna | 29·347 | +·026 | S 82° E | 5·1 | (j) 85·7 | 80·1 | 92·4 | +1·8 | 80·1 | +0·3 | 104·3 | 74·2 | (j) 77 | —9 | 7·5 | 10 | —4·0 | 7·84 | —4·22 | 1·58 |
| Buxar | 29·278 | +·014 | S 60° E | 3·8 | 83·6 | 79·6 | 93·5 | +2·5 | 80·1 | +1·1 | 101·9 | 74·4 | 83 | —1 | 6·0 | 12 | —1·1 | 5·19 | —5·54 | 0·95 |
| Gaya | 29·160 | +·023 | S 6° W | 4·3 | 86·4 | 79·0 | 95·6 | +3·8 | 81·3 | +2·5 | 104·7 | 75·7 | 72 | —11 | 5·1 | 10 | —5·0 | 12·39 | —0·15 | 4·56 |
| Naya Dumka | 29·046 | +·012 | S 82° E | 2·8 | 83·4 | 78·7 | 90·6 | +1·4 | 78·9 | +1·2 | 98·0 | 74·8 | 81 | —6 | 7·2 | 13 | —4·9 | 13·14 | —0·36 | 5·76 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·283 | +·027 | S 79° E | 1·6 | 82·1 | 78·9 | 90·5 | —0·5 | 78·8 | —0·4 | 98·3 | 74·0 | 87 | 0 | 4·1 | 12 | —2·1 | 7·14 | —5·76 | 1·70 |
| Benares | 29·249 | +·016 | S 20° E | 3·1 | 86·7 | 80·1 | 95·7 | +3·7 | 80·7 | +1·0 | 104·5 | 77·4 | 75 | —8 | 6·2 | 11 | —2·8 | 5·59 | —5·72 | 0·99 |
| Allahabad | 29·219 | +·031 | S 62° W | 3·0 | 86·5 | 79·4 | 97·4 | +4·9 | 81·8 | +2·1 | 107·1 | 75·4 | 73 | —8 | 6·4 | 10 | —3·9 | 6·49 | —5·19 | 1·89 |
| Cawnpore | 29·095 | +·021 | S 23° E | 2·4 | 85·7 | 80·1 | 96·3 | +3·0 | 82·0 | +2·0 | 103·5 | 77·9 | 78 | —6 | 3·8 | 7 | —5·0 | 3·93 | —6·30 | 1·06 |
| Lucknow | 29·136 | +·008 | S 48° E | 1·7 | 84·8 | 79·8 | 95·1 | +2·4 | 80·1 | +0·7 | 103·6 | 75·2 | 80 | —2 | 4·8 | 8 | —4·9 | 7·78 | —3·61 | 3·30 |
| Bahraich | 29·121 | +·023 | S 79° E | 1·9 | 82·7 | 78·5 | 94·1 | +2·0 | 78·7 | —0·3 | 100·2 | 73·2 | 83 | —2 | 6·1 | 11 | —0·7 | 15·52 | +4·83 | 3·47 |
| Jhansi | 28·687 | —·009 | S 43° W | 4·5 | 86·0 | 76·9 | 98·8 | +6·9 | 81·8 | +2·5 | 109·1 | 75·8 | 67 | —12 | 5·2 | 11 | —2·3 | 8·48 | —2·97 | 2·48 |
| Agra | 28·940 | +·002 | S 43° E | 2·1 | 90·9 | 80·1 | 101·7 | +7·6 | 84·4 | +3·5 | 110·4 | 78·2 | 63 | —14 | 4·5 | 8 | —3·2 | 3·03 | —6·07 | 0·79 |
| Mainpuri | 28·992 | +·015 | S 20° E | 1·7 | 87·2 | 79·6 | 98·5 | +3·7 | 81·9 | +1·5 | 105·8 | 76·6 | 72 | —6 | 5·9 | 7 | —2·5 | 3·53 | —3·21 | 1·28 |
| Bareilly | 28·936 | +·005 | S 86° E | 0·5 | 83·8 | 79·2 | 90·9 | —1·2 | 79·5 | +0·7 | 98·1 | 74·7 | 82 | —2 | 7·3 | 10 | —2·5 | 6·65 | —6·82 | 1·76 |
| Roorkee | 28·622 | +·017 | S 45° E | 1·7 | 83·7 | 78·3 | 95·0 | +2·9 | 79·3 | +1·2 | 107·7 | 72·4 | 78 | —2 | 5·0 | 10 | —1·6 | 6·28 | —5·74 | 1·89 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 28·592 | +·017 | S 55° E | 4·2 | 86·9 | 78·1 | 99·3 | +4·9 | 82·9 | +2·0 | 108·6 | 75·2 | 68 | —6 | 4·6 | 4 | —5·1 | 2·49 | —5·18 | 0·97 |
| Hissar | 28·794 | +·047? | S 13° W | 6·5 | 88·8 | 78·0 | 103·1 | +2·6 | 83·5 | +1·6 | 112·0 | 74·6 | 62 | —5 | 3·4 | 4 | —1·4 | 3·40 | —0·55 | 1·55 |
| Patiala | 28·659 | —·019? | S 27° E | 3·9 | 87·2 | 78·7 | 98·9 | +4·3 | 69·0 | —10·5? | 109·4 | 60·1 | 69 | —9 | 4·3 | 7 | —1·3 | 3·93 | —2·06 | 1·76 |
| Ambala | 28·609 | +·004 | S 55° E | 4·5 | 86·7 | 76·5 | 100·4 | +5·8 | 81·7 | +2·9 | 111·1 | 74·5 | 64 | —18 | 3·7 | 7 | —2·6 | 5·42 | —1·99 | 1·90 |
| Ludhiana | 28·677 | +·004 | S 47° E | 3·2 | 87·2 | 76·7 | 102·0 | +4·8 | 82·9 | +2·5 | 112·7 | 72·8 | 63 | —10 | 2·9 | 6 | —2·2 | 2·90 | —5·02 | 0·80 |
| Lahore | 28·777 | +·011 | S 53° E | 2·5 | 88·2 | 78·2 | 101·3 | +0·8 | 83·7 | +3·5 | 112·4 | 75·3 | 65 | —5 | 3·2 | 7 | +1·0 | 10·19 | +4·83 | 4·86 |
| Sialkot | 28·662 | +·012 | S 82° E | 2·3 | 86·8 | 77·1 | 101·7 | +3·8 | 81·2 | +1·3 | 115·1 | 74·5 | 66 | —5 | 4·3 | 10 | +1·7 | 7·54 | —0·02 | 2·18 |

(j) Mean of 24 days. (d) Mean of 30 days.

# TABLE B.—JULY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI.—Punjab—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Rawalpindi | 27·839 | —·002 | S 58° E | 1·6 | 85·5 | 75·6 | 101·4 | +4·0 | ? | ? | 114·1 | ? | 65 | —4 | 3·6 | 9 | +0·1 | 6·36 | —1·32 | 2·20 |
| Khushab | 28·869 | +·015 | S 89° E | 4·4 | 88·4 | 77·2 | 104·2 | +1·6 | 80·5 | —1·8 | 117·2 | 68·2 | 61 | —3 | 3·0 | 6 | +1·4 | 16·61 | +12·77 | 5·25 |
| Lyallpur | 28·855 | .. | S 1° E | 3·9 | 88·4 | 76·9 | (l) 105·2 | .. | 83·4 | .. | 112·1 | 75·2 | 60 | .. | 4·0 | 3 | —0·9 | 1·90 | —1·69 | 1·38 |
| Montgomery | 28·896 | +·003 | S 1° W | 4·9 | 88·6 | 77·3 | 102·7 | —1·6 | 83·5 | —0·4 | 111·0 | 74·0 | 60 | +2 | 2·2 | 3 | —0·4 | 2·23 | —0·10 | 1·61 |
| Multan | 29·016 | +·007 | N 33° W | 3·3 | 89·6 | 79·2 | 105·8 | +1·5 | 85·7 | +1·4 | 112·2 | 78·0 | 63 | 0 | 1·8 | 2 | —0·2 | 1·37 | —0·70 | 1·18 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·374 | —·005 | N 18° W | 0·5 | 86·7 | 74·7 | 110·3 | +7·6 | 81·3 | +2·1 | 120·4 | 76·1 | 57 | —4 | 2·3 | 2 | —0·1 | 0·78 | —0·59 | 0·50 |
| Dera Ismail Khan | 28·875 | +·004 | N 58° E | 2·2 | 88·8 | 76·2 | 105·6 | +2·5 | 84·0 | +1·6 | 116·2 | 77·0 | 55 | —15 | 1·8 | 3 | +0·2 | 1·69 | —0·53 | 0·70 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·247 | +·009 | S 54° E | 3·2 | 91·1 | 79·7 | 105·1 | —3·3 | 86·7 | +2·1 | 111·5 | 81·2 | 59 | —7 | 1·9 | 1 | —0·4 | 0·17 | —0·80 | 0·12 |
| Hyderabad | 29·364 | +·002 | S 38° W | 4·5 | 85·2 | 78·1 | 99·5 | +0·3 | 82·4 | +1·5 | 106·2 | 77·0 | 71 | +3 | 1·7 | 2 | —1·2 | 5·82 | +2·83 | 4·90 |
| Karachi | 29·493 | +·003 | S 83° W | 11·8 | 83·6 | 80·9 | 88·9 | +0·7 | 80·2 | —0·2 | 96·6 | 74·2 | 89 | +6 | 6·4 | 4 | +1·4 | 2·71 | —0·40 | 1·21 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 28·730 | +·020 | S 82° W | 7·5 | 87·8 | 78·5 | 108·7 | +2·7 | 82·7 | —0·4 | 111·0 | 70·3 | 65 | 0 | 3·2 | 5 | 0 | 9·58 | +6·45 | 3·90 |
| Jodhpur | 28·735 | +·002 | S 36° W | 4·8 | 86·0 | 76·2 | 100·1 | +2·4 | 81·6 | +1·1 | 106·0 | 75·4 | 63 | —7 | 6·3 | 7 | +2·1 | 2·97 | —0·81 | 1·05 |
| Jaipur | 28·716 | +·010 | S 37° W | 4·4 | 85·6 | 76·0 | 99·0 | +4·3 | 80·6 | +2·1 | 109·7 | 74·4 | 65 | —9 | 5·9 | 9 | —1·2 | 6·84 | —1·09 | 2·57 |
| Ajmer | 27·921 | —·013 | S 72° W | 5·5 | 82·1 | 74·5 | 95·9 | +4·1 | 80·2 | +2·2 | 104·2 | 76·2 | 70 | —9 | 4·0 | 10 | +1·1 | 5·54 | —0·92 | 1·06 |
| Kotah | 28·668 | —·012 | W | 2·6 | 88·0 | 76·4 | 100·1 | +5·4 | 83·4 | +2·8 | 107·2 | 75·8 | 59 | —12 | 5·8 | 8 | —2·2 | 4·84 | —4·48 | 2·25 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29·084 | +·001 | S 58° W | 9·2 | 84·4 | 77·5 | 98·7 | +6·0 | 80·2 | +2·2 | 105·6 | 74·6 | 74 | —7 | 7·6 | 11 | +0·6 | 20·81 | +11·38 | 10·20 |
| Bhuj | 29·202 | —·001 | S 78° W | 9·5 | 84·1 | 79·9 | 92·8 | +2·1 | 78·7 | +0·7 | 100·2 | 76·1 | 83 | +2 | 8·6 | 8 | +1·6 | 12·49 | +5·57 | 6·93 |
| Jamnagar | .. | .. | S 52° W | 9·5 | 84·3 | 79·0 | 91·6 | +0·1 | 78·4 | —0·7 | 98·5 | 72·5 | 78 | +2 | 5·7 | 11 | +3·2 | 15·80 | +7·37 | 4·70 |
| Dwarka | 29·532 | +·008 | S 68° W | 14·3 | 83·2 | 78·6 | 88·1 | +1·4 | 81·8 | +1·2 | 90·9 | 77·7 | 81 | —2 | 7·2 | 7 | +0·9 | 5·84 | —1·26 | 2·12 |
| Rajkot | 29·122 | —·021 | S 53° W | 12·2 | 82·3 | 78·0 | 93·1 | +2·0 | 77·2 | +1·1 | 101·6 | 74·4 | 82 | —1 | 6·6 | 11 | 0 | 12·46 | +1·24 | 4·76 |
| Veraval | 29·570 | —·010 | S 75° W | 14·8 | 82·2 | 79·0 | 84·4 | +0·6 | 80·8 | +1·2 | 87·4 | 78·1 | 87 | —1 | 7·2 | 11 | +1·5 | 7·14 | —0·02 | 1·94 |
| Bhavnagar Para | 29·528 | —·003 | S 53° W | 5·8 | 83·2 | 77·7 | 93·6 | +0·2 | 78·3 | —0·3 | 103·8 | 75·6 | 78 | 0 | 7·9 | 12 | +2·7 | 9·39 | +2·23 | 1·99 |
| Surat | 29·562 | —·008 | S 23° W | 5·5 | 81·9 | 78·8 | 88·5 | +1·1 | 78·3 | +0·7 | 96·4 | 75·2 | 87 | +2 | 8·8 | 22 | +6·3 | 32·83 | +15·74 | 6·87 |
| Ahmadabad | 29·416 | 0 | S 84° W | 5·7 | 83·5 | 77·8 | 96·5 | +3·8 | 80·0 | +1·4 | 105·0 | 75·1 | 78 | —3 | 6·5 | 12 | —0·4 | 18·25 | +6·37 | 4·60 |
| Bombay | 29·609 | —·021 | S 67° W | 8·0 | 80·1 | 77·2 | 84·5 | —0·1 | 77·8 | +0·1 | 90·3 | 74·6 | 88 | +2 | 8·5 | 24 | +2·4 | 35·08 | +10·69 | 4·65 |
| Ratnagiri | 29·459 | —·044 | S 68° W* | (d) 7·6 | 78·9 | 76·2 | 83·0 | —0·9 | 75·2 | —0·7 | 87·1 | 71·9 | 88 | +1 | 9·4 | 30 | +4·4 | 28·83 | —5·36 | 3·03 |
| Marmagao | 29·645 | —·028 | S 81° W | 3·5 | 78·3 | 76·7 | 82·5 | —1·2 | 75·3 | —0·8 | 89·6 | 73·1 | 93 | +3 | 9·5 | 29 | +3·1 | 29·03 | —3·11 | 5·40 |
| Karwar | 29·681 | —·031 | S 19° W | 2·8 | 78·2 | 76·3 | 82·5 | —0·4 | 75·3 | +0·1 | 86·4 | 73·0 | 91 | +5 | 8·1 | 27 | —0·2 | 33·02 | —6·00 | 5·30 |
| Malegaon | 28·175 | —·017 | S 55° W | 7·5 | 79·2 | 73·7 | 88·7 | +0·1 | 73·6 | +0·2 | 98·5 | 71·4 | 77 | +1 | 7·3 | 12 | +3·9 | 9·19 | +4·12 | 2·06 |
| Ahmadnagar | 27·520 | —·004 | S 86° W | 6·8 | 76·2 | 71·2 | 86·4 | +1·0 | 70·2 | —0·5 | 94·2 | 67·5 | 78 | —2 | 5·1 | 12 | +5·3 | 5·73 | +1·90 | 1·40 |
| Poona | 27·827 | —·001 | S 68° W* | (e) 7·0 | 75·6 | 71·3 | 84·2 | +1·7 | 71·1 | +0·2 | 90·4 | 69·3 | 81 | —1 | 8·9 | 13 | +0·4 | 10·98 | +3·62 | 3·08 |
| Sholapur | 28·077 | —·009 | S 80° W | 9·8 | 77·1 | 71·9 | 88·7 | —0·6 | 72·3 | +0·4 | 97·7 | 68·4 | 77 | +3 | 7·6 | 10 | +2·1 | 11·19 | +6·77 | 3·50 |
| Bijapur | 27·730 | —·022 | S 79° W | 8·5 | 74·1 | 71·0 | 86·6 | —0·1 | 71·3 | +0·6 | 93·6 | 68·3 | 82 | +2 | 7·8 | 6 | +1·4 | 5·79 | +3·39 | 2·10 |
| Belgaum | 27·182 | —·007 | S 61° W | 5·6 | 70·8 | 68·9 | 77·9 | +2·2 | 67·6 | +0·6 | 85·1 | 66·1 | 90 | —3 | 9·9 | 13 | —9·2 | 13·78 | —3·30 | 4·93 |

(l) Mean of 22 days.
(e) " 29 "

(d) Mean of 30 days.
* Wind observations for 30 days.

# TABLE B.—JULY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 27·937 | —·008 | S 82° W | 7·8 | 82·0 | 76·7 | 92·9 | +4·9 | 76·9 | +2·5 | 101·7 | 73·8 | 79 | —4 | 6·8 | 9 | —1·4 | 6·39 | —2·33 | 2·04 |
| Indore | 27·768 | —·007 | S 89° W | 5·2 | 78·3 | 73·8 | 89·4 | +4·3 | 74·9 | +2·2 | 97·1 | 72·3 | 81 | —5 | 8·9 | 8 | —4·6 | 8·94 | —0·82 | 3·55 |
| Nowgong | 28·765 | +·007 | S 88° W | 2·7 | 85·1 | 78·5 | 96·3 | +5·8 | 80·7 | +2·1 | 103·1 | 75·6 | 74 | —7 | 6·6 | 7 | —6·9 | 8·47 | —5·02 | 2·11 |
| Sutna | 28·480 | +·015 | S 57° W | 3·1 | 82·8 | 77·0 | 91·7 | +3·3 | 79·2 | +1·7 | 101·3 | 74·3 | 78 | —4 | 5·1 | 12 | —3·1 | 8·88 | —4·99 | 1·74 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | .. | .. | S 83° W | 6·7 | 74·9 | 71·4 | 84·7 | +0·7 | 71·7 | +1·4 | 93·3 | 69·4 | 84 | .. | 7·6 | 15 | +1·5 | 9·60 | +0·62 | 2·28 |
| Akola | 28·675 | —·003 | S 87° W | 5·9 | 80·0 | 74·5 | 91·3 | +2·2 | 76·2 | +1·8 | 101·2 | 73·5 | 77 | —2 | 7·8 | 13 | +0·9 | 6·49 | —3·17 | 1·70 |
| Amraoti | 28·388 | +·004 | N 89° W | 5·1 | 77·9 | 73·2 | 88·8 | +1·1 | 74·8 | +1·1 | 98·9 | 71·7 | 80 | —4 | 7·2 | 11 | —1·2 | 17·10 | +7·92 | 8·67 |
| Khandwa | 28·537 | —·008 | S 71° W | 6·4 | 80·2 | 75·0 | 91·0 | +3·1 | 75·8 | +0·3 | 98·6 | 72·6 | 78 | —2 | 7·7 | 11 | +0·1 | 6·28 | —2·60 | 1·57 |
| Hoshangabad | 28·576 | +·013 | S 54° W | 3·2 | 80·1 | 76·1 | 90·0 | +2·4 | 76·5 | +1·1 | 99·9 | 73·0 | 83 | —4 | 8·0 | 11 | —3·9 | 10·51 | —5·14 | 3·90 |
| Saugor | 27·726 | —·031? | N 89° W | 5·3 | 79·2 | 73·7 | 91·3 | +5·4 | 75·4 | +1·3 | 99·2 | 71·8 | 77 | —8 | 5·4 | 10 | —5·4 | 4·00 | —9·11 | 1·31 |
| Jubbulpore | 28·210 | —·006 | S 30° W | 2·2 | 80·4 | 75·4 | 89·0 | +2·5 | 76·7 | +1·9 | 95·8 | 74·3 | 79 | —7 | 6·4 | 13 | —4·3 | 3·19 | —4·91 | 2·56 |
| Seoni | 27·568 | +·017 | S 50° W | 3·9 | 77·5 | 73·6 | 85·9 | +1·6 | 73·4 | +0·9 | 92·8 | 71·7 | 83 | — | 7·5 | 17 | —1·1 | 18·87 | +3·21 | 5·87 |
| Nagpur | 28·577 | +·019 | S 81° W | 5·0 | 79·6 | 74·2 | 89·3 | +1·3 | 76·0 | +0·8 | 97·6 | 73·8 | 77 | —6 | 6·5 | 15 | —1·5 | 8·82 | —5·42 | 2·02 |
| Pendra | 27·552 | +·038? | S 57° W | 4·7 | 77·2 | 73·6 | 86·0 | +1·5 | 73·2 | +0·1 | 92·7 | 70·4 | 84 | —1 | 4·6 | 15 | —1·4 | 12·12 | —1·79 | 2·81 |
| Raipur | 28·589 | +·004 | S 58° W | 4·3 | 79·3 | 75·3 | 87·8 | +1·0 | 75·8 | +1·0 | 93·2 | 72·6 | 83 | —3 | 7·2 | 15 | —0·5 | 12·26 | —2·42 | 2·55 |
| Chanda | 28·962 | —·011 | S 43° W | 4·6 | 79·9 | 76·0 | 88·4 | —0·2 | 76·1 | +0·4 | 94·7 | 73·0 | 83 | +4 | 8·7 | 18 | +1·4 | 14·04 | —2·56 | 3·28 |
| Jagdalpur | 27·796 | .. | S 50° W | 3·0 | 77·0 | 73·9 | 84·4 | .. | 72·8 | .. | 91·0 | 70·1 | 86 | .. | 8·2 | 18 | +0·7 | 10·02 | —4·82 | 2·50 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 27·746 | —0·12 | S 78° W | 10·6 | 75·8 | 71·2 | 86·9 | +0·4 | 71·6 | +1·1 | 96·3 | 68·8 | 80 | —1 | 8·8 | 13 | +1·4 | 9·24 | +2·60 | 1·79 |
| Nizamabad | 28·389 | 0 | S 62° W | 3·2 | 77·9 | 73·5 | 88·3 | —0·2 | 73·7 | —0·1 | 94·9 | 70·3 | 81 | +2 | 7·1 | 19 | +4·7 | 10·89 | +0·31 | 2·14 |
| Bidar | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gulbarga | 28·157 | —·021 | S 79° W | 10·7 | 75·8 | 71·5 | 88·8 | —0·4 | 72·6 | +0·8 | 96·8 | 68·9 | 81 | +1 | 8·7 | 9 | —1·4 | 6·70 | +0·18 | 1·42 |
| Raichur | 28·365 | —·010 | S 89° W | 10·3 | 76·4 | 72·2 | 89·6 | —0·4 | 73·2 | +0·3 | 98·8 | 70·6 | 82 | +7 | 5·9 | 14 | +4·5 | 11·15 | +5·89 | 2·15 |
| Hyderabad (Deccan) | 27·947 | +·006 | N 80° W | 5·9 | 75·8 | 71·8 | 86·5 | —1·0 | 73·0 | —0·3 | 94·1 | 68·9 | 82 | +4 | 8·5 | 17 | +6·7 | 9·01 | +2·65 | 1·09 |
| Hanamkonda | 28·753 | +·003 | S 86° W | 4·7 | 79·6 | 74·2 | 88·7 | —0·1 | 75·6 | —0·4 | 96·3 | 72·2 | 77 | +4 | 8·1 | 13 | 0 | 8·83 | —0·78 | 2·05 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·336 | —·012 | S 74° W | 8·1 | 72·4 | 68·6 | 83·5 | +1·5 | 68·9 | +0·4 | 91·5 | 67·8 | 82 | —1 | 8·7 | 8 | —0·9 | 1·86 | —1·48 | 0·37 |
| Hassan | 26·661 | —·008 | N 89° W | 8·7 | 70·6 | 67·3 | 79·0 | +1·7 | 65·9 | +0·7 | 83·0 | 64·3 | 84 | —2 | 8·7 | 12 | —0·9 | 5·75 | —0·04 | 1·29 |
| Bangalore | 26·776 | —·016 | S 76° W | 8·9 | 69·9 | 67·3 | 82·7 | +0·7 | 66·8 | +0·9 | 91·1 | 64·8 | 87 | +2 | 9·1 | 9 | +0·5 | 4·29 | +0·06 | 1·35 |
| Mysore | 27·257 | —·032 | S 52° W | 6·9 | 72·1 | 68·1 | 82·0 | —0·3 | 67·4 | +0·4 | 90·0 | 65·8 | 81 | —1 | 7·8 | 11 | +4·0 | 3·58 | +0·89 | 0·68 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·701 | —·028 | S 17° W | 4·5 | 77·6 | 75·7 | 83·1 | —0·6 | 74·2 | +0·7 | 88·3 | 71·6 | 91 | +3 | 8·8 | 28 | +0·5 | 33·27 | —5·04 | 3·47 |
| Calicut | 29·764 | —·020 | N 65° W | 3·9 | 77·1 | 76·0 | 81·8 | —0·3 | 75·1 | +1·2 | 86·3 | 73·1 | 95 | +3 | 9·1 | 26 | —0·8 | 17·89 | —13·49 | 1·76 |
| Cochin | 29·794 | —·027 | S 75° W | 3·5 | 78·0 | 75·1 | 82·7 | —1·1 | 74·2 | +0·2 | 86·7 | 72·1 | 87 | —1 | 8·5 | 22 | —2·5 | 18·43 | —5·08 | 2·78 |
| Trivandrum | 29·605 | —·015 | N 52° W | 6·1 | 76·8 | 74·5 (k) | 82·5 | +0·6 | 73·8 (d) | —1·1 | 86·4 | 70·6 | 89 (k) | +2 | 9·0 | 16 | +2·1 | 10·34 | +2·81 | 1·77 |
| Pamban | 29·688 | —·032 | S 57° W | 7·4 | 82·7 | 78·1 | 90·0 | +0·5 | 79·4 | +0·1 | 94·5 | 75·9 | 81 | +4 | 4·9 | 2 | +1·4 | 0·58 | +0·13 | 0·38 |
| Madura | 29·269 | —·015 | N 61° W | 5·5 | 81·1 | 75·1 | 93·2 | —3·7? | 76·5 | +0·1 | 99·2 | 72·8 | 75 | +11? | 8·2 | 8 | +5·6 | 5·57 | +3·72 | 2·52 |
| Pudukkottai | 29·410 | —·017 | N 37° W | 3·4 | 81·3 | 73·7 | 95·4 | —0·4 | 77·1 | +0·1 | 102·2 | 73·4 | 69 | +1 | 1·3 | 7 | +2·3 | 6·37 | +3·34 | 2·58 |
| Negapatam | 29·695 | —·012 | S 85° W | 4·9 | 81·6 | 74·1 | 93·5 | —2·4 | 77·6 | —0·8 | 98·9 | 73·1 | 69 | +3 | 6·8 | 7 | +3·6 | 2·87 | +1·02 | 1·30 |

(k) Mean of 23 days.

(d) Mean of 30 days.

# TABLE B.—JULY 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV.—Madras—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Trichinopoly | 29·467 | —·025 | S 76° W | 6·1 | 83·0 | 74·3 | 96·9 | —0·5 | 78·0 | +0·1 | 106·3 | 73·1 | 65 | +2 | 7·0 | 3 | +0·8 | 0·57 | —0·69 | 0·19 |
| Coimbatore | 28·415 | —·005 | S 38° W | 6·0 | 77·2 | 72·1 | 87·6 | —0·1 | 71·4 | +0·6 | 93·7 | 67·3 | 78 | —5 | 5·0 | 8 | +3·4 | 2·01 | +0·49 | 0·44 |
| Salem | 28·816 | —·016 | S 42° W | 4·5 | (d) 77·6 | (d) 73·5 | (d) 90·3 | —2·8 | (d) 73·3 | +0·1 | 99·6 | 71·0 | (d) 82 | +3 | 6·4 | 11 | +3·6 | 10·95 | +7·14 | 3·22 |
| Cuddalore | 29·669 | —·018 | S 53° W | 5·8 | 81·7 | 76·0 | 92·5 | —3·3 | 77·7 | —0·3 | 99·0 | 72·2 | 77 | +3 | 7·6 | 5 | —6·5 | 3·35 | +0·24 | 1·69 |
| Vellore | 28·992 | —·017 | W | 3·1 | 80·4 | 74·6 | 92·6 | —1·5 | 75·9 | —1·1 | 102·4 | 71·8 | 76 | +9 | 6·8 | 13 | +5·9 | 12·80 | +7·90 | 3·55 |
| Madras | 29·667 | —·018 | S 50° W | 4·3 | 81·6 | 76·3 | 93·4 | —2·4 | 77·9 | —0·9 | 102·8 | 72·4 | 78 | +9 | 8·0 | 9 | +2·0 | 7·94 | +3·92 | 2·65 |
| Cuddapah | 29·261 | —·018 | N 63° W | .. | 81·7 | 75·1 | 94·1 | —1·7 | 78·0 | +0·1 | 104·9 | 72·3 | 74 | +7 | 8·6 | 11 | +4·3 | 11·09 | +7·26 | 3·00 |
| Bellary | 28·221 | —·017 | S 87° W | 7·7 | 79·8 | 73·2 | 91·3 | +0·3 | 75·0 | 0 | 98·3 | 71·7 | 72 | +6 | 7·9 | 1 | —2·9 | 0·80 | —1·00 | 0·55 |
| Kurnool | 28·754 | —·012 | S 89° W | 5·8 | (d) 78·7 | (d) 74·6 | (d) 91·0 | —0·8 | (d) 75·9 | +1·1 | 100·0 | 71·4 | (d) 82 | +7 | 8·5 | 12 | +2·3 | 5·69 | +0·71 | 1·34 |
| Nellore | 29·587 | —·028 | N 88° W | 3·5 | 82·5 | 76·0 | 94·6 | —2·6 | 78·6 | —1·1 | 104·8 | 72·7 | 74 | +8 | 8·0 | 10 | +4·3 | 5·98 | +3·06 | 1·39 |
| Masulipatam | 29·630 | —·009 | N 89° W | 5·9 | 81·0 | 76·4 | 90·3 | —2·3 | 76·9 | —1·3 | 102·3 | 72·5 | 81 | 0 | 8·3 | 13 | +3·1 | 10·50 | +4·27 | 2·70 |
| Cocanada | 29·600 | +·002 | S 79° W | 4·9 | 81·6 | 77·8 | 88·7 | —2·4 | 78·7 | —0·2 | 101·5 | 73·2 | 85 | +5 | 7·8 | 15 | +4·6 | 11·24 | +5·17 | 2·95 |
| Vizagapatam | 29·555 | +·005 | N 81° W | 8·9 | 83·4 | 78·5 | 89·0 | +0·1 | 80·4 | +1·9 | 97·1 | 77·1 | 80 | +2 | 8·6 | 12 | +3·5 | 3·45 | —0·95 | 0·58 |
| Calingapatam | 29·558 | .. | S 81° W | 6·0 | 82·6 | 78·9 | 90·1 | .. | 79·0 | .. | 96·5 | 75·3 | 84 | .. | 7·2 | 15 | +6·1 | 11·10 | +5·12 | 2·16 |
| Gopalpur | 29·514 | +·019 | S 48° W | 7·9 | 83·2 | 79·9 | 88·9 | +1·5 | 80·2 | +1·2 | 92·5 | 76·1 | 86 | +2 | 6·7 | 11 | +1·0 | 5·44 | —1·59 | 2·56 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser | 29·528 | .. | S 22° W | .. | 84·5 | 81·2 | .. | .. | .. | .. | .. | .. | 86 | .. | 6·2 | 12 | +1·1 | 17·46 | +8·99 | 11·45 |
| Port Blair | 29·667 | —·027 | S 53° W | 8·8 | 81·0 | 77·7 | 84·9 | —0·5 | 76·9 | —0·6 | 87·8 | 72·9 | 85 | —2 | 6·0 | 21 | +1·1 | 19·17 | +3·42 | 5·00 |
| Table Island | 29·613 | —·024 | S 53° W | 15·4 | 81·3 | 79·6 | 83·8 | —1·4 | 78·2 | +1·2 | 85·5 | 73·3 | 92 | +2 | 6·3 | 13 | —5·0 | 12·21 | —1·67 | 3·20 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | 27·182 | .. | S 20° E | 1·6 | 81·8 | 70·6 | (e) 97·9 | .. | 75·1 | .. | 110·8 | 67·3 | 59 | .. | 4·2 | 12 | +0·3 | 13·21 | +4·20 | 4·12 |
| Srinagar | 24·649 | +·008 | S 67° E | 1·7 | 73·7 | 66·3 | 88·1 | +3·1 | 63·5 | —0·5 | 94·7 | 54·9 | 68 | —16 | 3·0 | 3 | —2·3 | 1·26 | —1·27 | 0·76 |
| Gulmarg | 21·752 | +·020 | N 21° W | 2·9 | 64·7 | 57·0 | 72·3 | +3·7 | 51·3 | +0·9 | 80·2 | 44·3 | 66 | —13 | 4·0 | 7 | —2·1 | 3·12 | —0·90 | 1·15 |
| Dras | 20·709 | +·035 | W | 4·6 | 59·5 | (j) 52·9 | 74·3 | —4·6 | 47·3 | —0·3 | 83·7 | 40·2 | (f) 63 | +1 | 3·1 | 0 | —1·5 | 0·16 | —0·50 | 0·08 |
| Leh | 19·642 | +·028 | Calm | 0·8 | 57·8 | 48·3 | 73·4 | —3·8 | 48·5 | —1·6 | 80·5 | 43·2 | 51 | —4 | 3·4 | 1 | —0·2 | 0·63 | +0·16 | 0·47 |
| Skardu | 22·679 | +·019 | S | 4·0 | 68·7 | 54·8 | 87·3 | +1·8 | 59·9 | —1·0 | 97·6 | 53·6 | 42 | —8 | 2·3 | 0 | —1·1 | 0·01 | —0·51 | 0·01 |
| Gilgit | 24·895 | +·049 | S 45° W | 0·2 | 80·9 | 67·6 | 96·8 | +0·9 | 68·4 | —3·4 | 104·2 | 61·2 | 50 | +6 | 2·0 | 2 | +0·3 | 0·47 | —0·08 | 0·34 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·181 | .. | N 28° E | 1·9 | 79·6 | 66·6 | 99·9 | .. | 74·6 | .. | 108·2 | 68·0 | 51 | .. | 3·5 | 3 | —1·0 | 0·48 | —1·58 | 0·23 |
| Quetta | 24·414 | +·024 | S 11° E | 2·2 | 72·4 | 63·4 | 94·3 | +1·5 | 66·1 | +1·5 | 99·7 | 54·3 | 61 | +6 | 1·5 | 0 | —1·4 | 0·02 | —0·66 | 0·02 |
| Chaman | 25·391 | —·009 | S 23° E | 6·6 | 83·1 | 59·3 | 100·4 | +0·4 | 76·5 | +1·7 | 105·5 | 68·0 | 20 | —10 | 2·7 | 1 | +0·7 | 0·11 | 0 | 0·11 |
| Kalat | 23·546 | .. | S 52° E | 4·0 | 68·6 | 56·5 | 91·7 | —1·5 | .. | .. | 96·8 | .. | 47 | +7 | 2·2 | 2 | +0·5 | 0·54 | —0·15 | 0·24 |
| Dalbandin | 26·783 | .. | S 77° W | 6·0 | 85·6 | 63·5 | 108·3 | .. | 81·7 | ... | 113·7 | 77·1 | 25 | .. | 0·9 | 0 | —0·4 | 0 | —0·09 | 0 |
| Pasni | 29·401 | .. | N 38° W | 7·0 | 82·5 | 79·3 | 93·1 | .. | 78·8 | .. | 98·4 | 74·4 | 87 | .. | 7·5 | 1 | +0·2 | 0·19 | —0·02 | 0·19 |
| Panjgur | 26·418 | .. | S 44° W | 4·8 | 81·0 | 67·2 | 102·6 | .. | 76·0 | .. | 110·6 | 68·2 | 50 | .. | 3·5 | 0 | .. | 0 | .. | 0 |
| Mirjawa | .. | .. | N 67° W | .. | 83·1 | 59·5 | 107·4 | .. | .. | .. | 113·0 | .. | 18 | .. | .. | 0 | .. | 0 | .. | 0 |
| Sibi (c) | 27·708 | .. | N 45° W | 15·4 | 86·7 | 66·5 | 104·9 | .. | 82·0 | .. | 111·0 | 76·3 | 31 | .. | 0 | 0 | .. | 0 | .. | 0 |
| **Hill stations excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachinar | 24·243 | +·009 | Calm | 1·2 | 77·0 | 64·1 | 90·1 | +3·6 | 67·2 | +1·2 | 101·6 | 55·1 | 52 | —4 | 3·1 | 9 | +2·4 | 6·28 | +2·79 | 2·07 |
| Cherat | 25·476 | +·023 | N 6° W | 4·5 | 78·3 | 67·6 | 91·4 | +2·5 | 73·3 | +2·3 | 104·5 | 64·4 | 61 | —7 | 1·3 | 4 | —1·2 | 5·06 | +1·21 | 2·60 |
| Drosh (c) | 24·757 | .. | S 8° E | 4·3 | 78·4 | 64·9 | 96·7 | +1·0 | 74·6 | +2·1 | 104·1 | 65·0 | 48 | —5 | 1·6 | 0 | —1·5 | 0·03 | —0·52 | 0·03 |

(d) Mean of 30 days. (j) Mean of 24 days. (e) Mean of 29 days. (c) Aneroid.

# TABLE B.—JULY 1921—*concld.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill stations excluding Kashmir and Baluchistan** —*contd.* | | | | | | | | | | | | | | | | | | | | |
| Murree | 23·824 | +·004 | S 84° E | .. | 69·5 | 63·4 | 78·2 | +1·4 | 64·4 | +2·5 | 91·1 | 56·3 | 75 | —1 | 5·6 | 10 | —2·7 | 6·59 | —5·30 | 1·53 |
| Simla | 22·969 | +·038 | .. | .. | 64·3 | 59·9 | 70·6 | +1·5 | 60·6 | +0·5 | 78·1 | 56·0 | 79 | —7 | 6·3 | 19 | —0·3 | 18·85 | +2·55 | 3·13 |
| Sarain | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kalabagh | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chakrata | 23·243 | ? | S 63° W | 7·6 | 65·0 | 61·6 | 74·0 | +4·2 | 61·9 | +1·7 | 85·9 | 58·6 | 84 | —5 | 7·6 | 16 | —4·0 | 10·90 | —8·95 | 2·79 |
| Mukteswar | 22·692 | +·006 | S 73° W | 6·5 | 61·5 | 59·0 | 69·6 | +0·7 | 55·3 | —3·0 | 75·0 | 52·9 | 88 | —3 | 7·8 | 15 | —2·8 | 11·52 | —0·98 | 2·21 |
| Darjiling | 22·816 | +·011 | N 60° W | 2·2 | 61·0 | 60·2* | 67·1 | +0·8 | 58·5 | +0·8 | 71·9 | 56·1 | 97 | +1 | 9·8 | 28 | +2·7 | 29·58 | —4·08 | 3·94 |
| Kalimpong | 25·820 | .. | .. | .. | 68·7 | 68·1 | 74·6 | .. | 66·8 | .. | 82·1 | 64·2 | 97 | .. | 9·0 | ? | .. | ? | .. | ? |
| Shillong | 25·002 | +·070 | S 25° W | 3·7 | 68·4 | 65·3 | 75·4 | —0·3 | 64·6 | +0·3 | 78·9 | 62·1 | 85 | —2 | 8·8 | 21 | +1·5 | 22·76 | +7·17 | 6·59 |
| Cherrapunji | 25·506 | +·035 | S 12° W | 4·2 | 67·4 | 66·0 | 71·8 | —0·4 | 66·1 | +0·8 | 79·5 | 62·4 | 93 | —3 | 7·8 | 28 | +0·9 | 136·18 | +34·41 | 22·25 |
| Netarhat | .. | .. | S 20° W | 8·3 | 72·5 | 70·1 | 79·7 | .. | 69·6 | .. | 84·8 | 65·2 | 89 | .. | 6·2 | 16 | .. | 18·80 | .. | 6·51 |
| Maymyo | 26·246 | +·005 | S 45° W | 1·5 | 69·5 | 68·0 | 77·0 | —0·2 | 66·8 | +1·2 | 83·6 | 63·6 | 93 | +6 | 9·2 | 16 | +4·3 | 7·99 | +1·97 | 2·19 |
| Pachmarhi | 26·182 | +·007 | S 74° W | 5·0 | 72·1 | 69·4 | 80·5 | +4·0 | 69·9 | +1·8 | 89·0 | 67·1 | 89 | —1 | 7·7 | 17 | —4·1 | 13·92 | —9·99 | 3·14 |
| Mount Abu | 25·771 | +·008 | S 55° W | 6·7 | 70·5 | 68·1 | 79·8 | +4·6 | 67·8 | +1·9 | 86·2 | 64·4 | 89 | —4 | 8·5 | 14 | —3·2 | 38·24 | +16·14 | 15·05 |
| Mercara | 26·071 | —·022 | S 74° W | 6·3 | 64·5 | 63·9 | 69·5 | +0·5 | 60·8 | —1·4 | 75·0 | 58·6 | 97 | +1 | 10·0 | 28 | —1·0 | 44·10 | +1·31 | 7·68 |
| Ootacamund | 22·924 | —·001 | N 87° W | 6·0 | 56·8 | 55·0 | 62·7 | +1·0 | 52·9 | +0·7 | 68·5 | 49·7 | 90 | +4 | 9·1 | 17 | —0·2 | 11·82 | +2·16 | 2·12 |
| Kodaikanal | 22·688 | —·013 | N 73° W | 9·7 | 56·6 | 53·8 | 63·5 | +0·8 | 52·7 | +0·1 | 67·8 | 51·2 | 85 | +4 | 8·1 | 17 | +5·4 | 7·53 | +2·53 | 0·90 |
| **Extra India.** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee | 29·645 | —·009 | S 55° W | 7·0 | 78·0 | 74·5 | 91·7 | +0·9 | 76·1 | —1·4 | 95·0 | 70·5 | 84 | +3 | 7·0 | 6 | +3·7 | 3·97 | +2·05 | 1·76 |
| Colombo | 29·777 | —·030 | S 67° W | 4·5 | 78·8 | 75·7 | 86·8 | +1·2 | 77·3 | +0·2 | 89·2 | 72·2 | 86 | +3 | 7·8 | 8 | —0·3 | 4·75 | —0·41 | 2·60 |
| Hambantota | 29·713 | .. | S 75° W | 10·7 | 77·3 | 74·5 | 88·5 | .. | 76·3 | .. | 95·8 | 73·2 | 87 | .. | 5·3 | 6 | .. | 2·73 | +1·14 | 1·07 |
| Minicoy | 29·814 | —·009 | N 71° W | 17·4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6·7 | 10 | —4·0 | 6·45 | —2·28 | 1·78 |
| Amini Divi | 29·768 | —·023 | N 77° W | 14·5 | 81·9 | 77·9 | 85·8 | +0·3 | 77·4 | +0·1 | 88·6 | 73·7 | 83 | 0 | 8·3 | 19 | +3·2 | 14·10 | +2·02 | 2·72 |
| Gyantse | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pharijong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gangtok | 24·098 | —·194 | N 37° E | 0·7 | 65·3 | 64·2 | 72·2 | —2·4 | 63·0 | +7·0 | 77·1 | 61·0 | 94 | +2 | 9·3 | 27 | —0·8 | 24·34 | —1·22 | 1·98 |
| Gartok (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgar (c) | 25·316 | —·074 | N 1° E | 1·4 | 78·6 | 70·6 | 95·5 | +3·6 | 68·1 | +0·3 | 102·8 | 58·3 | 68 | +22 | 2·5 | 0 | —0·7 | 0 | —0·22 | 0 |
| Kabul (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed | .. | .. | N | 0·7 | 72·9 | 62·1 | 97·1 | +6·2 | 61·7 | —2·0 | 112·2 | 55·0 | 55 | +9 | 0·3 | 0 | 0 | 0 | —0·06 | 0 |
| Jask | 29·441 | —·027 | N 88° E | 9·5 | 89·2 | 82·4 | 98·6 | +2·6 | 80·5 | —5·0 | 110·3 | 77·4 | 75 | +1 | 3·0 | 0 | 0 | 0 | —0·01 | 0 |
| Muscat | 29·479 | +·030 | S 83° E | 1·5 | 89·9 | 84·2 | 97·3 | +4·1 | 87·0 | —0·5 | 107·1 | 82·8 | 79 | +4 | 1·4 | 0 | —0·1 | 0 | —0·02 | 0 |
| Bushire | 29·440 | +·004 | N 55° W | 6·1 | 92·1 | 82·7 | 97·3 | +2·0 | 86·1 | +1·8 | 105·1 | 79·1 | 67 | 0 | 0·2 | 0 | 0 | 0 | 0 | 0 |
| Busrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kerman (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (c) | 24·175 | —·030 | S 45° E | 0·8 | 73·7 | 61·9 | 94·5 | —3·3 | 66·2 | —0·2 | 99·4 | 61·2 | 51 | —1 | 0·9 | 0 | —0·1 | 0 | —0·02 | 0 |
| Tehran (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Baghdad | 29·374 | —·034 | N 41° W | 3·8 | 88·3 | 64·2 | 115·8 | +6·4 | 84·9 | +5·3 | 121·1 | 76·2 | 21 | —18 | 0·6 | 0 | 0 | 0 | 0 | 0 |
| Aden | 29·527 | —·024 | S 23° E | 7·4 | 84·8 | 77·7 | 92·7 | —0·7 | 82·5 | 0 | 96·6 | 74·8 | 72 | +1 | 6·5 | 0 | 0 | 0 | —0·03 | 0 |
| Zanzibar | 30·014 | —·002 | S 25° W | 6·6 | 74·3 | 70·9 | 80·5 | —0·1 | 72·8 | 0 | 82·4 | 70·9 | 84 | —2 | 4·1 | 4 | —1·1 | 1·62 | —0·83 | 0·61 |

(c) Aneroid.

* Mean of 25 days.

# TABLE B.—AUGUST 1921.

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point | 29·674 | .. | S 28° W. | 5·0 | 78·3 | 75·8 | 83·4 | .. | 74·7 | .. | 86·4 | 71·2 | 89 | .. | 8·0 | 26 | +4·6 | 31·99 | +6·32 | 3·20 |
| Mergui | 29·738 | —·009 | S 41° E | 3·6 | 77·0 | 75·7 | 83·3 | —1·2 | 73·4 | +0·5 | 88·7 | 71·1 | 94 | +1 | 5·7 | 27 | +1·6 | 34·78 | +5·23 | 4·10 |
| Tavoy | 29·771 | —·022 | S 4° W | 2·0 | 77·2 | 76·0 | 83·3 | +0·5 | 74·6 | +0·6 | 88·5 | 72·0 | 95 | +2 | 9·3 | 29 | +1·5 | 52·88 | +5·79 | 5·22 |
| Moulmein | 29·677 | —·018 | S 27° E | 3·0 | 77·4 | 75·7 | 82·4 | —0·8 | 74·4 | +0·2 | 86·3 | 72·2 | 92 | —1 | 9·4 | 29 | +1·9 | 46·24 | +2·90 | 5·55 |
| Amherst | .. | .. | S 17° W | 10·3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rangoon | 29·719 | —·014 | S 27° W | 4·4 | 79·0 | 77·1 | 85·2 | +0·2 | 76·0 | +0·1 | 96·1 | 73·2 | 92 | —1 | 9·6 | 27 | +3·0 | 20·41 | +0·67 | 2·95 |
| Bassein | 29·704 | —·009 | S 61° W | 4·1 | 78·6 | 76·8 | 84·7 | 0 | 74·1 | —1·8 | 89·6 | 71·9 | 92 | —2 | 8·1 | 27 | +2·3 | 27·55 | +5·07 | 4·07 |
| Diamond Island | 29·672 | —·030 | S 49° W | 7·1 | 81·0 | 77·9 | 84·0 | —0·2 | 76·5 | +0·6 | 86·8 | 71·6 | 87 | 0 | 8·7 | 25 | +3·4 | 27·48 | +4·24 | 3·65 |
| Toungoo | 29·552 | —·025 | S 57° E | 3·2 | 77·6 | 75·7 | 85·8 | —1·2 | 74·9 | +0·1 | 89·2 | 72·3 | 91 | —1 | 8·0 | 27 | +2·6 | 19·12 | —0·24 | 2·26 |
| Kyaukpyu | 29·641 | .. | S 12° W | 0·6 | 78·6 | 76·9 | 84·6 | .. | 76·0 | .. | 87·7 | 74·3 | 92 | .. | 8·9 | 29 | +1·4 | 48·64 | +10·85 | 5·25 |
| Akyab | 29·618 | —·047 | S 15° E | 2·9 | 78·8 | 77·3 | 83·4 | —1·1 | 75·4 | —1·8 | 86·9 | 72·8 | 93 | —1 | 9·4 | 29 | +2·3 | 47·69 | +3·14 | 4·32 |
| Minbu | 29·489 | —·037 | S 31° E | 4·1 | 81·1 | 77·3 | 91·7 | +1·4 | 72·6 | —4·6 | 95·5 | 71·3 | 84 | —1 | 7·5 | 9 | —1·3 | 2·60 | —2·43 | 0·50 |
| Yamethin | 29·037 | —·026 | .. | .. | 77·9 | 75·5 | 88·3 | —1·1 | 74·8 | +0·2 | 91·5 | 73·2 | 89 | +2 | 8·6 | 14 | +3·3 | 8·29 | +2·74 | 2·08 |
| Mandalay | 29·412 | —·032 | S 6° E | 5·8 | 83·5 | 76·4 | 95·5 | +2·2 | 78·7 | +0·8 | 99·0 | 75·5 | 72 | —7 | 7·5 | 6 | —1·5 | 4·81 | +0·52 | 2·33 |
| Monywa | 29·380 | —·035 | S 42° E | 2·5 | 82·1 | 76·8 | 95·1 | +2·0 | 79·1 | +0·8 | 98·6 | 76·1 | 77 | —6 | 9·0 | 3 | —2·7 | 1·82 | —2·24 | 0·81 |
| Lashio | 26·900 | —·038 | S 35° W | 2·3 | 72·8 | 70·4 | 82·4 | —0·4 | 70·2 | +0·8 | 87·8 | 64·0 | 89 | —2 | 9·1 | 19 | 0 | 19·09 | +6·28 | 4·56 |
| Bhamo | 29·269 | —·033 | Calm | 0·5 | 77·9 | 77·1 | 87·2 | —0·8 | 76·3 | +1·0 | 93·2 | 74·6 | 96 | +3 | 9·0 | 23 | +3·7 | 29·53 | +14·04 | 4·73 |
| Myitkyina | 29·156 | —·045 | S | 2·2 | 77·4 | 75·9 | 86·6 | —0·7 | 75·5 | —0·2 | 93·2 | 73·0 | 93 | +2 | 8·6 | 22 | +2·3 | 21·66 | +5·64 | 3·73 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·257 | —·048 | N 73° E | 0·1 | 78·8 | 77·5 | 87·1 | +0·4 | 75·8 | +0·1 | 95·5 | 72·1 | 94 | +1 | 8·6 | 22 | +1·8 | 25·03 | +5·79 | 2·77 |
| Sibsagar | 29·283 | —·047 | N | 1·5 | 80·0 | 78·7 | 87·6 | —1·2 | 78·1 | +0·4 | 93·4 | 75·7 | 94 | 0 | 9·5 | 18 | —0·4 | 16·44 | —0·06 | 2·99 |
| Tezpur | 29·368 | —·020 | N 69° E | 0·8 | 79·8 | 78·2 | 88·7 | +0·1 | 78·1 | +0·5 | 95·8 | 76·3 | 93 | 0 | 8·6 | 19 | +1·3 | 16·50 | +1·51 | 2·79 |
| Gauhati | 29·425 | —·033 | S 69° E | 1·1 | 82·1 | 79·2 | 91·1 | +1·2 | 78·4 | +0·6 | 96·0 | 76·3 | 87 | —1 | 7·1 | 20 | +6·3 | 12·22 | +1·94 | 2·36 |
| Dhubri | 29·488 | —·025 | N 89° E | 4·5 | 81·2 | 79·0 | 85·9 | —0·2 | 79·2 | +0·7 | 88·8 | 76·8 | 90 | —1 | 6·0 | 14 | —0·5 | 12·38 | —1·06 | 3·55 |
| Silchar | 29·526 | —·039 | N 56° E | 1·3 | 81·6 | 78·8 | 90·6 | +1·1 | 77·2 | +0·4 | 97·2 | 75·6 | 88 | —3 | 6·6 | 21 | —1·3 | 16·54 | —3·46 | 3·78 |
| Srimangal | 29·553 | .. | .. | .. | 80·2 | 77·8 | 91·3 | +1·1 | 75·5 | —0·5 | 94·7 | 73·8 | 89 | +3 | 3·5 | 19 | —1·6 | 9·55 | —3·67 | 1·16 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·575 | .. | S 32° E | 4·6 | 79·3 | 77·7 | 84·6 | .. | 76·0 | .. | 88·9 | 74·5 | 92 | .. | 6·8 | 24 | +1·4 | 32·66 | +2·94 | 4·6 |
| Chittagong | 29·520 | —·047 | S 23° E | 2·7 | 79·4 | 77·4 | 86·7 | +1·0 | 76·7 | +0·5 | 90·4 | 75·3 | 91 | +3 | 7·6 | 19 | +2·7 | 26·07 | +7·17 | 8·7 |
| Noakhali | 29·557 | —·039 | S 44° E | 6·5 | 80·1 | 78·2 | 85·4 | —0·1 | 78·0 | +0·9 | 88·3 | 76·2 | 92 | +2 | 7·0 | 27 | +3·3 | 26·70 | +0·12 | 4·1 |
| Barisal | 29·554 | —·046 | S 16° E | 3·3 | 80·8 | 78·8 | 86·3 | —0·6 | 78·2 | 0 | 89·0 | 76·6 | 92 | +3 | 8·1 | 25 | +4·8 | 14·32 | +0·82 | 2·6 |
| Narayanganj | 29·555 | —·044 | S 30° E | 4·2 | 82·0 | 78·8 | 87·5 | —0·2 | 78·3 | —0·7 | 90·1 | 76·4 | 87 | —3 | 8·7 | 18 | +0·5 | 15·76 | +3·25 | 3·2 |
| Mymensingh | 29·526 | —·043 | S 45° E | 1·5 | 81·5 | 78·3 | 87·9 | +0·8 | 79·0 | +0·8 | 91·5 | 76·4 | 86 | —4 | 8·5 | 18 | —1·4 | 9·68 | —5·88 | 2·1 |
| Bogra | 29·499 | —·044 | S 72° E | 1·1 | 82·5 | 79·8 | 88·8 | +0·3 | 78·4 | —0·1 | 93·2 | 74·4 | 90 | +2 | 8·5 | 18 | +1·2 | 11·98 | —0·88 | 3·[illegible] |
| Dinajpur | 29·439 | —·047 | S 82° E | 3·3 | 82·2 | 79·1 | 89·3 | +0·4 | 79·2 | +0·7 | 92·3 | 76·0 | 87 | —3 | 6·1 | 15 | —0·7 | 17·51 | +4·56 | 7·[illegible] |
| Jalpaiguri | 29·319 | —·025 | Calm | 1·4 | 81·1 | 79·3 | 89·6 | +1·2 | 77·7 | +0·6 | 93·9 | 75·4 | 92 | 0 | 3·6 | 15 | —4·8 | 20·80 | —4·32 | 4·[illegible] |
| Saugor Island | 29·540 | —·029 | S 50° W | 8·8 | 81·8 | 78·8 | 85·6 | —1·9 | 78·6 | —1·3 | 89·2 | 74·7 | 87 | —2 | 8·9 | 18 | +1·7 | 20·21 | +6·17 | 5·[illegible] |
| Midnapore | 29·391 | —·042 | S 45° E | 1·8 | 81·5 | 78·2 | 87·7 | —1·9 | 78·6 | +0·3 | 92·7 | 75·5 | 86 | —1 | 9·6 | 20 | +3·5 | 16·92 | +4·78 | 4·[illegible] |
| Calcutta | 29·521 | —·046 | S 5° W | 3·5 | 81·1 | 79·2 | 87·5 | —0·1 | 78·6 | +0·2 | 91·4 | 76·1 | 92 | +3 | 9·1 | 19 | +0·8 | 16·82 | +4·73 | 3·[illegible] |
| Jessore | 29·528 | —·043 | S 51° E | 0·8 | 82·3 | 79·1 | 87·7 | —0·9 | 78·7 | 0 | 90·9 | 76·5 | 87 | —3 | 8·2 | 22 | +5·1 | 8·95 | —1·94 | 0·[illegible] |

# TABLE B.—AUGUST 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **III—Bengal—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Burdwan | 29·437 | —·055 | S 6° W | 1·1 | 81·4 | 78·9 | 89·0 | —0·4 | 78·7 | —0·4 | 92·6 | 77·0 | 89 | +1 | 9·2 | 20 | +4·4 | 16·62 | +5·55 | 4·02 |
| Asansol | (h) 29·130 | .. | .. | .. | 81·2 | 78·8 | 88·5 | .. | 77·0 | .. | 92·5 | 74·6 | 89 | .. | 8·1 | 15 | —0·8 | 13·68 | +2·32 | 3·30 |
| Berhampore | 29·486 | —·041 | S 55° E | 2·7 | 82·0 | 79·7 | 88·6 | —0·1 | 79·2 | +0·5 | 92·6 | 77·2 | 90 | —1 | 9·0 | 23 | +6·6 | 15·59 | +4·03 | 3·45 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·493 | —·039 | S 31° W | 3·2 | 80·7 | 78·3 | 88·7 | +0·4 | 78·1 | —0·2 | 93·2 | 75·2 | 89 | +2 | 8·1 | 19 | +4·7 | 9·08 | —2·17 | 1·36 |
| Hukitala (False Point) | 29·542 | —·020 | S 48° W | 10·2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5·3 | 15 | 0 | 12·31 | —0·35 | 2·62 |
| Cuttack | 29·497 | —·010 | S 70° W | 2·0 | 81·2 | 78·1 | 89·2 | —0·1 | 77·3 | —1·0 | 93·5 | 74·8 | 86 | +3 | 8·5 | 15 | —0·9 | 7·25 | —6·40 | 1·68 |
| Puri | 29·570 | —·003 | S 72° W | 9·3 | 83·4 | 79·5 | 87·0 | —0·8 | 80·5 | +1·1 | 91·5 | 76·5 | 83 | —3 | 7·2 | 9 | —4·0 | 4·26 | —7·99 | 1·11 |
| Angul | 29·111 | —·031 | N 75° W | 5·4 | 80·8 | 77·2 | 87·6 | +0·5 | 77·1 | +0·3 | 93·2 | 73·8 | 84 | —2 | 8·3 | 12 | —2·2 | 6·90 | —3·44 | 2·15 |
| Sambalpur | 29·078 | —·029 | S 46° W | 4·1 | 78·8 | 76·8 | 85·7 | —1·4 | 73·8 | —3·4 | 91·8 | 70·9 | 91 | +6 | 6·8 | 22 | +3·0 | 13·74 | —5·06 | 3·18 |
| Chaibasa | 28·798 | —·037 | S 52° W | 2·2 | 79·7 | 76·6 | 87·4 | —1·3 | 76·7 | +0·1 | 91·6 | 73·0 | 86 | 0 | 8·8 | 17 | +0·5 | 13·74 | +2·22 | 2·38 |
| Ranchi | 27·435 | —·035 | N 84° W | 3·2 | 75·5 | 73·5 | 82·3 | —1·2 | 72·9 | 0 | 86·2 | 70·1 | 91 | +2 | 9·3 | 23 | +4·3 | 21·36 | +8·57 | 3·86 |
| Purulia | 28·734 | —·025 | S 37° W | 1·3 | 79·8 | 76·9 | 89·4 | +0·3 | 77·1 | +0·6 | 97·7 | 75·5 | 88 | —2 | 8·9 | 17 | +0·1 | 11·45 | 0 | 1·55 |
| Daltonganj | 28·814 | —·021 | S 16° W | 4·1 | 79·0 | 76·7 | 86·6 | —2·8 | 75·7 | —1·3 | 91·5 | 72·6 | 90 | +4 | 6·9 | 26 | +8·8 | 19·79 | +7·50 | 2·77 |
| Purnea | 29·431 | —·047 | S 86° E | 2·1 | 81·9 | 80·0 | 89·4 | +0·4 | 78·6 | +0·1 | 92·2 | 72·7 | 92 | +1 | 8·3 | 21 | +4·8 | 13·65 | —0·28 | 2·44 |
| Monghyr | 29·384 | .. | E | 3·3 | 81·7 | 79·1 | 88·7 | .. | 78·8 | .. | 93·2 | 75·9 | 90 | .. | 7·6 | 19 | +3·6 | 26·49 | +11·55 | 4·60 |
| Darbhanga | 29·390 | —·031 | E | 2·8 | 82·0 | 79·2 | 89·0 | +0·3 | 79·1 | —0·2 | 93·0 | 76·1 | 88 | —1 | 8·7 | 16 | +1·5 | 15·89 | +1·46 | 2·63 |
| Pusa | 29·359 | .. | N 85° E | 2·5 | 81·9 | 80·2 | 89·5 | .. | 78·5 | .. | 93·9 | 76·3 | 93 | .. | 8·7 | 22 | +7·3 | 12·73 | —3·54 | 2·67 |
| Patna | 29·354 | —·028 | S 79° E | 3·6 | 82·5 | 79·9 | 87·6 | —1·6 | 78·5 | —1·0 | 93·5 | 75·6 | 89 | +2 | 9·5 | 18 | +4·2 | 20·35 | +6·78 | 3·44 |
| Buxar | 29·288 | —·038 | S 27° E | 3·3 | 80·4 | 79·0 | 87·5 | —1·4 | 78·4 | 0 | 94·0 | 75·2 | 93 | +5 | 8·4 | 17 | +2·9 | 15·15 | +3·07 | 4·28 |
| Gaya | 29·173 | —·018 | S 35° W | 3·7 | 81·9 | 78·6 | 88·2 | —2·0 | 78·3 | —0·1 | 94·3 | 75·1 | 86 | 0 | 6·5 | 20 | +5·0 | 21·45 | +8·22 | 9·54 |
| Naya Dumka | 29·044 | —·049 | S 45° E | 1·5 | 81·8 | 78·4 | 87·9 | —0·5 | 78·1 | +0·7 | 92·0 | 76·0 | 85 | —3 | 7·9 | 17 | —0·7 | 17·13 | +4·15 | 2·65 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·295 | —·022 | N 89° E | 1·1 | 81·1 | 79·2 | 87·6 | —2·0 | 78·6 | 0 | 92·7 | 75·3 | 92 | +4 | 4·5 | 16 | +0·8 | 17·34 | +2·84 | 5·24 |
| Benares | 29·261 | —·034 | S 65° W | 2·6 | 81·5 | 79·1 | 88·2 | —1·4 | 77·9 | —0·7 | 93·6 | 74·5 | 89 | +2 | 8·7 | 19 | +4·3 | 18·18 | +6·67 | 4·20 |
| Allahabad | 29·238 | —·012 | S 81° W | 2·7 | 80·9 | 78·4 | 88·3 | —1·6 | 78·0 | —0·6 | 93·5 | 73·4 | 89 | +3 | 9·0 | 17 | +3·1 | 10·90 | —0·80 | 1·90 |
| Cawnpore | 29·116 | —·025 | S 10° E | 2·2 | 80·7 | 78·8 | 87·5 | —1·9 | 78·2 | —0·4 | 95·1 | 73·9 | 92 | +1 | 7·8 | 20 | +7·1 | 26·15 | +14·35 | 5·60 |
| Lucknow | 29·150 | —·040 | S 45° E | 1·8 | 81·3 | 78·9 | 86·5 | —3·9 | 78·5 | 0 | 91·5 | 73·8 | 90 | +3 | 9·2 | 24 | +10·9 | 24·24 | +12·96 | 3·85 |
| Bahraich | 29·130 | —·027 | S 81° E | 1·7 | 80·8 | 78·2 | 89·0 | —1·1 | 77·7 | —0·6 | 93·3 | 73·6 | 89 | +2 | 7·6 | 16 | +2·4 | 20·41 | +6·26 | 6·40 |
| Jhansi | 28·726 | —·030 | S 59° W | 4·1 | 79·9 | 76·2 | 86·8 | —2·2 | 76·9 | —0·5 | 91·6 | 74·8 | 85 | +2 | 7·9 | 17 | +3·6 | 14·11 | +3·21 | 2·33 |
| Agra | 28·975 | —·030 | S 13° W | 1·1 | 83·3 | 79·2 | 90·2 | —1·2 | 79·6 | +0·4 | 96·4 | 77·1 | 83 | +2 | 8·5 | 11 | +1·2 | 4·49 | —3·35 | 1·40 |
| Mainpuri | 29·020 | —·019 | S 67° E | 0·8 | 81·2 | 79·4 | 88·2 | —3·1 | 77·8 | —0·8 | 94·3 | 72·1 | 92 | +8 | 9·3 | 16 | +5·3 | 15·69 | +6·69 | 4·52 |
| Bareilly (e) | 28·954 | —·040 | S 52° E | 0·2 | 80·7 | 78·8 | (d) 86·1 | (d) —3·8 | (d) 78·0 | (d) 0 | 90·9 | 74·9 | 92 | +4 | 9·1 | 22 | +9·5 | 19·50 | +6·61 | 2·30 |
| Roorkee | 28·641 | —·029 | S 45° E | 0·6 | 80·3 | 77·8 | 87·7 | —2·3 | 77·3 | +0·3 | 95·3 | 74·0 | 89 | +4 | 8·0 | 20 | +8·1 | 17·01 | +5·82 | 4·59 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 28·827 | —·014 | S 50° W | 1·5 | 81·2 | 77·1 | 88·7 | —3·1 | (x) 78·6 | (x) —1·3 | 95·4 | 75·4 | 83 | +4 | 8·5 | 15 | +5·9 | 13·84 | +6·48 | 3·65 |
| Hissar | 28·820 | +·002 | S 51° W | 5·2 | 83·9 | 76·4 | 95·4 | —2·7 | 79·6 | —0·9 | 102·6 | 76·4 | 71 | 0 | 4·6 | 7 | +1·8 | 2·75 | —0·69 | 1·02 |
| Patiala | 28·670 | —·068 | S 28° E | 2·2 | 82·9 | 79·5 | 92·0 | 0 | 67·3 | —11·2 | 99·4 | 63·1 | 86 | +3 | 5·5 | 10 | +1·5 | 4·04 | —2·74 | 2·00 |
| Ambala | 28·625 | —·037 | S 61° E | 2·4 | 81·8 | 78·1 | 91·6 | —0·4 | 78·8 | +1·1 | 101·8 | 75·8 | 85 | —2 | 7·5 | 11 | +2·0 | 9·65 | +1·88 | 2·50 |
| Ludhiana | 28·702 | —·038 | S 45° E | 1·8 | 82·9 | 77·3 | 95·6 | +1·3 | 79·8 | +0·7 | 102·3 | 74·6 | 77 | —3 | 3·5 | 7 | —0·8 | 7·17 | +0·13 | 2·68 |

*h*=mean of 26 days. (*e*)=Mean of 29 days. *d*=Mean of 30 days. *x*=Mean of 12 days.

# TABLE B.—AUGUST 1921—*contd.*

## *Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI.—Punjab—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Lahore | 28·795 | —·039 | S 24° W | 1·6 | 84·8 | 79·0 | 95·0 | —2·8 | 80·6 | +1·7 | 100·3 | 76·1 | 77 | +2 | 3·5 | 7 | +1·4 | 5·38 | +0·16 | 2·78 |
| Sialkot | 28·676 | —·043 | S 78° E | 1·6 | 82·8 | 79·5 | 92·3 | —2·1 | 78·8 | +0·5 | 96·7 | 72·5 | 86 | +7 | 4·1 | 6 | —3·0 | 9·49 | +0·70 | 3·13 |
| Rawalpindi | 27·859 | —·045 | S 39° E | 1·3 | 81·6 | 76·9 | 91·9 | —1·8 | 70·7 | —4·7 | 99·2 | 64·0 | 81 | +3 | 2·6 | 8 | —1·0 | 7·85 | —0·79 | 2·90 |
| Khushab | 28·898 | —·024 | N 85° E | 4·2 | 84·2 | 79·2 | 95·7 | —5·0 | 77·1 | —4·3 | 102·2 | 69·2 | 79 | +10 | 3·3 | 8 | +4·8 | 6·98 | +4·05 | 2·90 |
| Lyallpur | 28·888 | .. | S 11° W | 2·4 | 83·7 | 77·8 | (g) 96·3 | .. | 79·1 | .. | 100·2 | 71·2 | 76 | .. | 5·7 | 8 | +4·9 | 4·76 | +1·97 | 1·88 |
| Montgomery | 28·930 | —·038 | S 25° W | 3·8 | 85·4 | 77·5 | 98·2 | —3·6 | 80·9 | —1·2 | 102·0 | 74·6 | 69 | +7 | 2·7 | 3 | —0·7 | 1·35 | —1·78 | 0·82 |
| Multan | 29·045 | —·040 | S 35° W | 2·2 | 84·8 | 79·2 | 95·8 | —5·4 | 81·8 | —0·8 | 102·5 | 76·2 | 77 | +9 | 3·3 | 6 | +3·7 | 4·09 | +2·30 | 1·23 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·406 | —·041 | N 24° W | 0·5 | 84·2 | 76·5 | 100·5 | +1·3 | 79·2 | +1·2 | 106·8 | 74·1 | 70 | 0 | 2·0 | 3 | +0·7 | 1·62 | —0·31 | 1·15 |
| Dera Ismail Khan | 28·917 | —·025 | E | 1·3 | 83·5 | 74·2 | 95·3 | —5·6 | 79·7 | —1·5 | 101·3 | 72·7 | 63 | —12 | 3·2 | 5 | +2·8 | 7·69 | +5·75 | 4·60 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·290 | —·029 | S 46° E | 12·8 | 87·2 | 79·4 | 98·3 | —6·3 | 82·8 | +0·9 | 105·3 | 78·4 | 69 | —3 | 1·3 | 0 | —1·5 | 0·08 | —0·84 | 0·05 |
| Hyderabad | 29·409 | —·029 | S 34° W | 14·2 | 81·5 | 76·6 | 92·7 | —3·2 | 79·0 | 0 | 101·2 | 75·5 | 78 | +8 | 1·8 | 3 | +0·8 | 5·98 | +3·97 | 5·08 |
| Karachi | 29·539 | —·032 | S 84° W | 11·4 | 81·1 | 78·8 | 85·8 | +0·3 | 78·2 | +0·5 | 88·9 | 73·4 | 90 | +5 | 8·0 | 3 | +1·3 | 11·94 | +10·50 | 5·41 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 28·771 | —·007 | S 63° W | 6·9 | 83·2 | 76·2 | 96·6 | —0·9 | 78·8 | —2·2 | 101·0 | 75·3 | 71 | +2 | 3·5 | 4 | —0·6 | 4·67 | +1·41 | 3·80 |
| Jodhpur | 28·797 | —·008 | S 50° W | 3·8 | 80·9 | 74·4 | 91·3 | —2·0 | 77·4 | —0·6 | 95·3 | 74·4 | 73 | —3 | 7·6 | 3 | —2·2 | 1·95 | —2·13 | 0·87 |
| Jaipur | 28·158 | —·013 | S 63° W | 3·7 | 79·7 | 74·1 | 89·2 | —2·2 | 76·4 | 0 | 94·5 | 73·2 | 76 | —3 | 8·7 | 6 | —4·1 | 10·53 | +2·75 | 3·99 |
| Ajmer | 27·965 | —·036 | S 72° W | 3·0 | 77·1 | 72·6 | 85·9 | —2·1 | 76·1 | +0·2 | 93·8 | 73·8 | 80 | —3 | 5·0 | 5 | —3·4 | 2·73 | —3·95 | 1·25 |
| Kotah | 28·717 | —·027 | S 72° W | 12·1 | 81·9 | 76·2 | 88·6 | —1·9 | 78·3 | —0·6 | 92·6 | 75·6 | 76 | +2 | 6·3 | 8 | —1·5 | 3·77 | —4·21 | 0·78 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29·153 | —·005 | S 60° W | 7·5 | 79·4 | 76·0 | 89·5 | +0·4 | 76·4 | +0·6 | 94·4 | 72·6 | 85 | +1 | 9·3 | 10 | +1·1 | 3·92 | —3·69 | 1·00 |
| Bhuj | 29·258 | —·023 | S 64° W | 8·3 | 80·9 | 77·2 | 88·2 | —0·4 | 76·3 | 0 | 92·0 | 73·7 | 84 | +1 | 8·7 | 5 | +1·2 | 1·63 | —1·26 | 0·70 |
| Jamnagar | .. | .. | S 41° W | 8·0 | 81·6 | 77·3 | 88·4 | +0·3 | 76·7 | 0 | 91·9 | 72·7 | 82 | +1 | 5·3 | 3 | —3·1 | 1·19 | —4·04 | 0·40 |
| Dwarka | 29·586 | —·023 | S 71° W | 12·0 | 81·0 | 76·6 | 86·0 | +1·5 | 79·4 | +1·3 | 88·2 | 71·1 | 81 | —5 | 8·1 | 5 | +0·6 | 1·64 | —1·23 | 0·35 |
| Rajkot | 29·184 | —·036 | S 39° W | 10·8 | 79·7 | 76·0 | 89·7 | +0·9 | 75·2 | +0·7 | 93·9 | 72·5 | 84 | 0 | 7·1 | 6 | —1·5 | 1·67 | —3·92 | 0·90 |
| Veraval | 29·630 | —·030 | S 60° W | 14·8 | 80·1 | 74·0 | 82·4 | 0 | 79·1 | +1·3 | 84·4 | 77·5 | 87 | —2 | 8·0 | 5 | —0·9 | 1·78 | —1·96 | 0·34 |
| Bhavnagar Para | 29·594 | —·019 | S 48° W | 5·1 | 81·3 | 76·6 | 90·8 | —0·7 | 76·3 | —0·5 | 94·8 | 73·8 | 80 | 0 | 7·5 | 7 | —1·0 | 5·23 | —0·74 | 2·32 |
| Surat | 29·627 | —·017 | S 42° W | 4·8 | 79·9 | 77·5 | 85·6 | —1·1 | 76·7 | 0 | 88·2 | 74·3 | 89 | +4 | 8·9 | 22 | +9·6 | 9·57 | +2·22 | 1·72 |
| Ahmadabad | 29·490 | +·004 | S 69° W | 3·9 | 80·1 | 77·1 | 89·1 | —0·6 | 76·8 | —0·3 | 92·4 | 74·9 | 87 | +4 | 6·2 | 16 | +5·7 | 9·50 | —1·45 | 1·67 |
| Bombay | 29·674 | —·021 | S 68° W | 7·6 | 79·2 | 76·3 | 83·8 | —0·4 | 77·3 | +0·2 | 86·0 | 75·6 | 87 | 0 | 8·2 | 21 | +1·9 | 10·36 | —3·35 | 3·34 |
| Ratnagiri | 29·517 | —·038 | S 61° W | 8·4 | 78·9 | 76·4 | 82·8 | —0·9 | 75·2 | —0·2 | 85·2 | 72·3 | 89 | +1 | 8·7 | 24 | +0·3 | 20·43 | +0·86 | 3·56 |
| Marmagao | 29·713 | —·006 | S 88° W | 5·6 | 78·7 | 76·7 | 83·0 | —0·4 | 75·6 | —0·2 | 85·2 | 74·2 | 91 | 0 | 9·5 | 24 | +1·8 | 14·70 | —0·88 | 4·59 |
| Karwar | 29·744 | —·009 | S 23° W | 2·4 | 78·5 | 76·4 | 82·9 | +0·5 | 75·6 | +0·9 | 84·9 | 72·6 | 90 | +3 | 6·6 | 21 | —2·8 | 19·66 | —1·99 | 2·87 |
| Malegaon | 28·234 | —·017 | S 55° W | 8·1 | 78·0 | 71·5 | 87·7 | +0·8 | 72·4 | +0·5 | 94·0 | 68·3 | 72 | —5 | 7·5 | 2 | —3·9 | 0·65 | —2·69 | 0·37 |
| Ahmadnagar | 27·572 | —·006 | S 77° W | 7·3 | 75·4 | 69·5 | 86·4 | +1·6 | 68·9 | —0·1 | 92·6 | 63·5 | 73 | —7 | 5·3 | 1 | —4·3 | 0·15 | —2·49 | 0·15 |
| Poona | 27·876 | —·006 | S 42° W | 6·1 | 73·5 | 70·4 | 80·4 | —1·3 | 69·0 | —0·6 | 84·9 | 65·1 | 85 | +1 | 10·0 | 7 | —1·9 | 1·94 | —1·84 | 0·26 |
| Sholapur | 28·131 | —·004 | S 84° W | 10·3 | 77·3 | 70·3 | 89·9 | +1·1 | 71·6 | +0·8 | 96·2 | 68·8 | 70 | —6 | 4·1 | 0 | —7·9 | 0·31 | —4·80 | 0·09 |
| Bijapur | 27·788 | —·006 | S 83° W | 7·8 | 74·3 | 69·9 | 86·3 | —0·2 | 69·8 | 0 | 91·6 | 67·5 | 80 | —1 | 6·5 | 1 | —3·7 | 0·20 | —2·31 | 0·12 |
| Belgaum | 27·232 | +·003 | S 71° W | 5·5 | 69·5 | 68·1 | 75·3 | —1·0 | 66·4 | +0·1 | 80·1 | 63·9 | 93 | +1 | 9·2 | 20 | +2·8 | 9·54 | —0·30 | 1·37 |

*g*=Mean of 27 days.

# TABLE B.—AUGUST 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station | Pressure. Mean 8 hrs. pressure reduced to 32° and standard gravity. | Pressure. Departure from normal. | Wind. Resultant direction. | Wind. Mean velocity, miles per hour. | Temperature. Mean of 8 hrs. dry bulb. | Temperature. Mean of 8 hrs. wet bulb. | Temperature. Mean maximum. | Temperature. Departure from normal. | Temperature. Mean minimum. | Temperature. Departure from normal. | Temperature. Highest temperature observed during month. | Temperature. Lowest temperature observed during month. | Humidity. Mean humidity at 8 hrs. | Humidity. Departure from normal. | Mean cloud amount at 8 hrs. | Rainfall. Number of rainy days. | Rainfall. Departure from normal. | Rainfall. Rainfall of month. | Rainfall. Departure from normal. | Rainfall. Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 27·983 | —·033 | S 88° W | 6·1 | 76·1 | 74·3 | 83·8 | —1·1 | 73·4 | +0·8 | 88·9 | 71·8 | 92 | +6 | 8·4 | 11 | +1·3 | 7·29 | —1·38 | 1·66 |
| Indore | 27·817 | —·018 | W | 5·4 | 74·4 | 71·6 | 83·3 | +0·7 | 71·5 | +0·1 | 87·1 | 68·1 | 87 | —2 | 9·5 | 13 | +2·4 | 6·35 | —1·28 | 1·75 |
| Nowgong | 28·795 | —·024 | S 85° W | 2·2 | 78·8 | 76·9 | 85·5 | —2·4 | 76·5 | —0·5 | 90·6 | 73·6 | 91 | +4 | 9·6 | 19 | +5·6 | 12·16 | —0·93 | 1·50 |
| Sutna | 28·499 | —·024 | S 86° W | 3·6 | 78·1 | 75·9 | 84·1 | —1·9 | 76·0 | —0·2 | 88·8 | 73·3 | 91 | +4 | 9·0 | 21 | +6·5 | 17·33 | +4·95 | 2·15 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | .. | .. | S 84° W | 5·7 | 73·4 | 70·1 | 82·1 | +0·2 | 70·0 | +0·5 | 85·4 | 67·8 | 85 | .. | 7·7 | 11 | —1·0 | 8·83 | +1·80 | 3·58 |
| Akola | 28·727 | —·009 | N 88° W | 5·7 | 78·0 | 73·3 | 87·9 | +0·8 | 74·5 | +1·1 | 92·6 | 72·5 | 79 | —3 | 7·5 | 9 | —0·8 | 5·37 | —1·28 | 0·99 |
| Amraoti | 28·434 | —·003 | N 78° W | 6·9 | 76·5 | 72·5 | 86·0 | —0·2 | 73·9 | +1·2 | 92·9 | 71·3 | 82 | —5 | 7·5 | 7 | —3·2 | 4·27 | —2·58 | 1·48 |
| Khandwa | 28·593 | —·012 | S 71° W | 5·7 | 77·3 | 73·5 | 85·9 | +0·2 | 73·0 | —1·2 | 92·5 | 71·1 | 83 | —1 | 8·3 | 5 | —5·2 | 4·46 | —2·04 | 1·76 |
| Hoshangabad | 28·630 | +·007 | S 60° W | 2·7 | 76·1 | 74·5 | 84·2 | —0·9 | 73·3 | —0·7 | 87·5 | 71·6 | 92 | +2 | 9·7 | 15 | —0·3 | 9·88 | —4·51 | 1·71 |
| Saugor | 27·754 | —·057 | N 77° W | 6·0 | 74·3 | 72·6 | 81·5 | —2·1 | 72·5 | —0·4 | 88·2 | 70·0 | 92 | +4 | 7·9 | 16 | +0·9 | 16·75 | +3·62 | 2·62 |
| Jubbulpore | 28·236 | —·032 | S 61° W | 2·6 | 76·3 | 73·8 | 82·7 | —2·0 | 74·3 | +0·4 | 87·8 | 70·1 | 89 | 0 | 9·3 | 18 | +0·6 | 13·42 | —2·93 | 2·05 |
| Seoni | 27·595 | —·004 | W | 4·7 | 75·1 | 71·8 | 81·7 | —1·4 | 71·7 | 0 | 86·8 | 69·3 | 85 | —3 | 8·5 | 12 | —4·6 | 11·74 | —1·26 | 4·30 |
| Nagpur | 28·612 | +·003 | N 79° W | 4·9 | 78·7 | 73·1 | 87·1 | +0·2 | 75·2 | +0·6 | 92·9 | 71·5 | 76 | —9 | 6·3 | 10 | —3·6 | 7·44 | —4·48 | 1·80 |
| Pendra | 27·563 | —·001 | N 80° W | 4·0 | 75·2 | 72·2 | 81·6 | —1·7 | 72·3 | —0·3 | 84·9 | 68·8 | 86 | —1 | 5·1 | 19 | +1·5 | 16·95 | +4·36 | 3·17 |
| Raipur | 28·613 | —·019 | S 68° W | 4·5 | 78·3 | 75·1 | 85·1 | —0·7 | 75·1 | +0·4 | 89·5 | 72·1 | 86 | —3 | 9·0 | 16 | +0·4 | 13·19 | —0·55 | 2·05 |
| Chanda | 29·005 | —·015 | S 65° W | 5·5 | 79·7 | 75·3 | 87·6 | +0·1 | 75·5 | +0·4 | 93·3 | 70·4 | 81 | —1 | 7·6 | 13 | —2·2 | 11·42 | —1·93 | 3·81 |
| Jagdalpur | 27·831 | .. | S 57° W | 3·7 | 76·1 | 73·1 | 82·9 | .. | 71·4 | .. | 89·0 | 69·1 | 87 | .. | 8·5 | 15 | —4·3 | 12·21 | —2·41 | 4·18 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 27·801 | —·011 | S 71° W | 10·4 | 74·0 | 69·8 | 84·9 | —0·1 | 69·6 | +0·3 | 91·8 | 66·2 | 81 | —2 | 9·4 | 5 | —4·1 | 1·68 | —3·18 | 0·52 |
| Nizamabad | 28·442 | ? | S 59° W | 7·0 | 77·0 | 72·8 | 86·0 | —0·1 | 73·0 | +0·2 | 91·4 | 71·2 | 81 | —1 | 6·9 | 12 | —2·2 | 9·56 | —1·05 | 2·80 |
| Bidar | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gulbarga | 28·213 | —·007 | S 89° W | 11·4 | 75·7 | 70·4 | 90·0 | +1·8 | 71·7 | +0·3 | 96·2 | 69·1 | 77 | —4 | 7·1 | 2 | —6·9 | 1·12 | —4·98 | 0·56 |
| Raichur | 28·424 | +·012 | N 88° W | 10·0 | 76·8 | 71·6 | 91·0 | +2·0 | 73·0 | +0·5 | 96·8 | 71·1 | 77 | +1 | 4·9 | 3 | —6·0 | 0·87 | —4·75 | 0·45 |
| Hyderabad (Deccan) | 28·000 | +·015 | N 87° W | 6·4 | 75·4 | 71·0 | 86·3 | +0·8 | 72·6 | +0·3 | 92·4 | 70·1 | 80 | —1 | 7·7 | 8 | —2·9 | 4·56 | —2·18 | 2·20 |
| Hanamkonda | 28·804 | +·009 | S 86° W | 4·5 | 79·1 | 73·6 | 87·4 | —0·3 | 75·3 | +0·2 | 93·6 | 71·2 | 76 | +1 | 8·5 | 10 | —0·8 | 5·69 | —1·35 | 2·45 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·386 | +·005 | S 69° W | 5·9 | 71·8 | 67·9 | 83·1 | +1·0 | 68·5 | +0·3 | 89·1 | 67·7 | 82 | —1 | 8·4 | 4 | —3·1 | 1·10 | —1·99 | 0·36 |
| Hassan | 26·708 | +·009 | S 77° W | 7·5 | 70·1 | 67·1 | 77·8 | —0·7 | 65·5 | +0·8 | 83·8 | 64·5 | 86 | +1 | 8·3 | 8 | —0·7 | 2·75 | —1·05 | 0·49 |
| Bangalore | 26·818 | —·001 | S 80° W | 8·3 | 69·9 | 67·1 | 82·6 | +0·7 | 66·1 | +0·3 | 87·3 | 63·7 | 86 | +1 | 8·9 | 9 | —0·4 | 6·43 | +1·24 | 2·75 |
| Mysore | 27·303 | —·010 | S 59° W | 6·3 | 72·2 | 68·2 | 82·1 | —1·2 | 67·0 | +0·4 | 87·0 | 65·0 | 81 | —1 | 6·7 | 8 | +1·5 | 3·02 | —0·27 | 0·60 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·750 | —·010 | N 64° W | 4·5 | 77·1 | 75·4 | 82·7 | —0·7 | 73·7 | 0 | 85·8 | 70·9 | 92 | +3 | 9·2 | 28 | +3·2 | 45·51 | +22·47 | 6·40 |
| Calicut | 29·805 | 0 | N 9° W | 4·0 | 76·1 | 75·4 | 80·8 | —1·9 | 74·2 | —0·1 | 85·2 | 72·7 | 96 | +5 | 8·6 | 22 | +3·5 | 27·12 | +11·17 | 4·53 |
| Cochin | 29·834 | —·003 | N 60° E | 5·2 | 77·6 | 75·4 | 82·6 | —1·5 | 74·2 | —0·2 | 85·5 | 72·4 | 90 | +4 | 8·3 | 22 | +4·0 | 22·80 | +9·97 | 2·56 |
| Trivandrum | 29·644 | +·011 | N 41° W | 6·8 | 76·7 | 73·8 | 82·1 | —0·1 | 73·6 | —1·4 | 86·1 | 71·1 | 87 | +2 | 7·7 | 12 | +2·8 | 7·92 | +3·84 | 2·17 |
| Pamban | 29·729 | —·011 | S 28° W | 5·5 | 82·7 | 77·1 | 89·6 | +0·3 | 79·7 | +1·3 | 91·0 | 78·5 | 76 | —1 | 5·0 | 2 | +0·9 | 0·23 | —0·52 | 0·12 |
| Madura | 29·307 | —·001 | N 58° W | 4·5 | 80·7 | 74·3 | 94·4 | —1·9 | 76·0 | +0·2 | 98·6 | 72·7 | 73 | +6 | 6·8 | 11 | +5·1 | 7·52 | +3·34 | 2·33 |
| Pudukkottai | 29·444 | —·008 | N 56° W | 3·5 | 80·8 | 74·4 | 95·1 | +0·5 | 76·0 | +0·4 | 100·6 | 73·7 | 73 | +2 | 1·2 | 13 | +5·2 | 4·29 | —1·30 | 0·72 |
| Negapatam | 29·736 | +·003 | S 89° W | 5·5 | 82·4 | 74·4 | 94·3 | +0·4 | 77·9 | +0·6 | 97·9 | 75·0 | 67 | —4 | 5·5 | 3 | —2·4 | 1·07 | —2·55 | 0·56 |
| Trichinopoly | 29·515 | —·002 | S 79° W | 5·7 | 82·9 | 74·7 | 97·8 | +1·3 | 76·9 | +0·1 | 101·4 | 71·3 | 67 | —1 | 4·5 | 7 | +1·9 | 4·55 | +0·67 | 1·99 |

# TABLE B.—AUGUST 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV.—Madras—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Coimbatore | 28·461 | +·016 | S 34° W | 5·9 | 76·7 | 72·2 | 87·1 | —1·1 | 70·7 | —0·1 | 92·2 | 63·5 | 80 | —4 | 4·8 | 6 | +3·2 | 1·67 | +0·59 | 0·70 |
| Salem | 28·861 | +·002 | S 30° W | 3·5 | 77·2 | 73·2 | 90·9 | —1·2 | 72·6 | —0·2 | 94·3 | 70·6 | 82 | +2 | 6·4 | 11 | +0·3 | 11·98 | +5·07 | 2·11 |
| Cuddalore | 29·715 | +·001 | S 56° W | 5·2 | 81·9 | 76·3 | 92·7 | —1·1 | 76·9 | +0·2 | 97·3 | 71·0 | 77 | —1 | 5·7 | 6 | —1·9 | 6·16 | +1·03 | 1·91 |
| Vellore | 29·043 | +·001 | W | 3·1 | 80·4 | 74·6 | 93·0 | +0·1 | 75·6 | —0·7 | 100·4 | 71·0 | 75 | +4 | 4·3 | 10 | +2·4 | 8·20 | +1·80 | 2·55 |
| Madras | 29·716 | —·001 | S 58° W | (d) 4·4 | 82·0 | 76·6 | 93·6 | —0·2 | 77·6 | +0·1 | 98·3 | 72·6 | 77 | +1 | 6·3 | 10 | +2·0 | 7·69 | +2·90 | 1·61 |
| Cuddapah | 29·314 | —·003 | N 55° W | .. | 81·7 | 74·8 | 95·2 | +0·9 | 77·7 | +0·9 | 100·5 | 67·1 | 71 | 0 | 7·3 | 6 | —2·2 | 4·02 | —1·79 | 2·52 |
| Bellary | 28·280 | +·004 | N 82° W | 8·1 | 79·6 | 72·7 | 92·0 | +1·2 | 74·4 | +0·6 | 97·1 | 72·2 | 70 | +2 | 7·1 | 1 | —3·2 | 0·74 | —1·59 | 0·58 |
| Kurnool | 28·813 | +·008 | S 81° W | 6·5 | 78·6 | 73·8 | 91·8 | +1·7 | 75·4 | +1·5 | 96·2 | 72·9 | 79 | +2 | 7·8 | 6 | —3·5 | 1·54 | —3·78 | 0·45 |
| Nellore | 29·641 | —·008 | N 72° W | 3·5 | 84·3 | 75·2 | 96·9 | +1·2 | 80·0 | +1·2 | 100·6 | 75·7 | 64 | —6 | 7·5 | 2 | —3·7 | 0·66 | —2·76 | 0·23 |
| Masulipatam | 29·675 | —·001 | N 75° W | 6·2 | 82·2 | 77·0 | 92·0 | +0·8 | 78·2 | +0·5 | 97·6 | 73·2 | 78 | —5 | 8·4 | 10 | —0·7 | 5·30 | —1·61 | 1·20 |
| Cocanada | 29·649 | +·013 | S 76° W | 4·6 | 80·9 | 78·0 | 88·9 | —0·6 | 78·1 | —0·3 | 96·2 | 74·7 | 88 | +5 | 8·7 | 13 | +3·4 | 9·23 | +3·80 | 1·82 |
| Vizagapatam | 29·593 | +·001 | N 77° W | 9·3 | 83·6 | 77·6 | 89·8 | +1·1 | 80·1 | +2·1 | 94·2 | 76·2 | 76 | —3 | 8·9 | 8 | —0·4 | 3·13 | —2·46 | 0·92 |
| Calingapatam | 29·586 | .. | S 73° W | 5·6 | 82·7 | 78·8 | 90·6 | .. | 78·8 | .. | 97·0 | 75·6 | 84 | .. | 5·3 | 7 | —3·3 | 4·35 | —5·42 | 1·86 |
| Gopalpur | 29·540 | —·001 | S 47° W | 7·0 | 83·8 | 81·2 | 88·5 | +1·2 | 79·1 | +0·4 | 95·2 | 75·8 | 89 | +4 | 6·2 | 7 | —4·3 | 6·20 | —1·66 | 2·41 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser | 29·536 | .. | S 63° W | .. | 82·7 | 80·2 | .. | .. | .. | .. | .. | .. | 89 | .. | 7·1 | 18 | +8·1 | 14·46 | +7·53 | 3·24 |
| Port Blair | 29·700 | —·019 | S 63° W | 9·8 | 80·4 | 77·5 | 84·8 | —0·4 | 76·6 | —0·6 | 86·8 | 72·9 | 74 | —14 | 6·9 | 23 | +4·0 | 12·98 | —1·52 | 2·14 |
| Table Island | 29·628 | —·039 | S 46° W | 18·5 | 80·9 | 80·3 | 83·4 | —1·0 | 77·0 | —0·2 | 85·2 | 73·1 | 97 | +8 | 7·2 | 17 | +0·4 | 19·10 | +7·13 | 4·17 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | .. | .. | S 13° E | 0·9 | 79·1 | 73·3 | 90·8 | .. | 73·9 | .. | 98·3 | 68·1 | 75 | .. | 5·1 | 10 | —3·8 | 5·03 | —6·00 | 0·85 |
| Srinagar | 24·637 | —·040 | S 45° W | 1·9 | 71·5 | 67·0 | 83·3 | —1·4 | 65·2 | +1·8 | 90·5 | 58·8 | 80 | —5 | 4·6 | 5 | 0 | 4·33 | +2·10 | 1·33 |
| Gulmarg | 21·743 | —·020 | N 16° W | 2·0 | 61·3 | 58·3 | 67·4 | —0·9 | 51·9 | +1·0 | 73·6 | 43·7 | 85 | +6 | 5·9 | 10 | +0·5 | 6·20 | +1·38 | 1·12 |
| Dras | 20,689 | —·006 | S 72° W | 5·8 | 60·4 | 54·2 | 75·0 | —4·7 | 51·1 | +2·7 | 81·2 | 43·6 | 70 | +8 | 5·0 | 1 | —0·2 | 0·19 | —0·25 | 0·11 |
| Leh | 19·616 | —·019 | Calm | 0·7 | 59·9 | 52·4 | 76·1 | —0·8 | 52·1 | +2·4 | 80·8 | 48·2 | 64 | +5 | 4·6 | 1 | —0·7 | 0·50 | 0 | 0·29 |
| Skardu | 22·631 | —·041 | S 30° E | 4·5 | 68·8 | 57·2 | 85·3 | —1·8 | 62·0 | +0·9 | 94·8 | 55·5 | 51 | —3 | 3·8 | 0 | —1·2 | 0·27 | —0·12 | 0·09 |
| Gilgit | 24·858 | —·014 | Calm | 0·4 | 76·2 | 69·6 | 89·7 | —5·5 | 68·2 | —3·5 | 99·2 | 61·0 | 73 | +26 | 4·0 | 4 | +2·2 | 1·21 | +0·73 | 0·38 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·166 | .. | N 30° E | 3·6 | 75·2 | 67·5 | 95·1 | .. | 72·1 | .. | 103·8 | 64·2 | 67 | .. | 2·9 | 5 | +1·8 | 3·57 | +2·09 | 1·61 |
| Quetta | 24·416 | —·028 | S 45° E | 1·8 | 66·0 | 58·2 | 90·6 | —0·6 | 60·2 | —1·2 | 96·1 | 49·3 | 63 | +7 | 1·6 | 1 | +0·3 | 0·76 | +0·35 | 0·76 |
| Chaman | 25·416 | —·039 | S 35° E | 5·6 | 75·8 | 56·9 | 95·5 | —2·2 | 70·5 | —0·9 | 102·1 | 60·4 | 28 | —3 | 1·3 | 1 | +1·0 | 0·50 | +0·48 | 0·50 |
| Kalat | 23·543 | .. | S 7° W | 4·3 | 63·5 | 53·7 | 86·8 | —4·5 | .. | .. | 94·2 | .. | 53 | +12 | 3·0 | 3 | +2·5 | 1·70 | +1·52 | 0·76 |
| Dalbandin | 26·824 | .. | S 67° W | 4·5 | 77·6 | 58·9 | 102·9 | .. | 69·6 | .. | 108·9 | 50·3 | 28 | .. | 1·0 | 0 | —0·2 | 0·09 | +0·01 | 0·05 |
| Pasni (d) | 29·579 | .. | N 87° W | (e) 7·7 | 80·2 | 77·2 | 91·4 | .. | 75·9 | .. | 105·3 | 72·2 | 86 | .. | 8·3 | 2 | +1·8 | 1·61 | +1·53 | 1·39 |
| Panjgur | 26·454 | .. | N 59° W | 4·1 | 75·4 | 63·9 | 95·6 | .. | 71·5 | .. | 104·0 | 64·0 | 55 | .. | 2·7 | 2 | .. | 2·72 | .. | 2·08 |
| Mirjawa | .. | .. | N 62° W | .. | 78·3 | 56·0 | 104·5 | .. | .. | .. | 111·0 | .. | 21 | .. | .. | 0 | .. | 0 | .. | 0 |
| Seistan | 27·785 | .. | N 45° W | 13·7 | 80·5 | 63·3 | 100·6 | .. | 74·2 | .. | 108·6 | 64·5 | 36 | .. | 0·5 | 0 | .. | 0 | .. | 0 |
| **Hill stations excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachinar | 24·241 | —·041 | Calm | 0·5 | 72·5 | 64·8 | 82·7 | —2·9 | 64·1 | —0·7 | 87·6 | 57·1 | 67 | +6 | 2·9 | 8 | +0·9 | 4·47 | +1·00 | 1·31 |
| Cherat | 25·478 | —·020 | N 4° E | 3·7 | 73·1 | 68·9 | 81·5 | —5·1 | 69·1 | —0·1 | 93·5 | 62·2 | 79 | +3 | 1·5 | 5 | —0·6 | 2·48 | —1·54 | 0·82 |
| Drosh (c) | 24·749 | .. | S 45° W | 4·6 | 75·0 | 66·7 | 92·4 | —2·9 | 71·8 | —0·1 | 101·7 | 58·2 | 66 | +8 | 2·9 | 4 | +1·7 | 1·00 | +0·28 | 0·40 |

(c) Aneroid. d=Mean of 30 days. e=Mean of 29 days.

# TABLE B.—AUGUST 1921—*concld.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill stations excluding Kashmir and Baluchistan**—*contd.* | | | | | | | | | | | | | | | | | | | | |
| Murree | 23·824 | —·037 | S 13° W | .. | 65·5 | 63·5 | 72·0 | —1·9 | 62·3 | +1·7 | 77·8 | 58·0 | 90 | +7 | 4·6 | 11 | —3·3 | 12·20 | —1·91 | 3·15 |
| Simla | 23·953 | —·018 | .. | .. | 61·6 | 60·7 | 64·6 | —2·1 | 59·1 | —0·1 | 68·2 | 56·0 | 95 | +4 | 9·5 | 25 | +5·3 | 18·32 | +0·20 | 2·26 |
| Sarain | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kalabagh | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chakrata | 23·235 | ? | N 55° W | 6·0 | 63·2 | 62·5 | 69·3 | +0·8 | 60·6 | +1·0 | 78·4 | 58·7 | 96 | +3 | 9·2 | 25 | +4·8 | 21·75 | +2·37 | 3·02 |
| Mukteswar | 22·686 | —·034 | S 6° E | 5·2 | 60·3 | 59·6 | 66·0 | —2·8 | 54·7 | —3·0 | 72·2 | 52·4 | 96 | +2 | 9·4 | 24 | +6·4 | 17·00 | +4·22 | 2·78 |
| Darjiling | 22·821 | —·022 | S 23° W | 1·5 | 61·9 | 61·0 | 68·1 | +2·2 | 58·6 | +1·2 | 72·2 | 55·4 | 95 | —1 | 9·6 | 24 | —0·4 | 26·71 | —1·00 | 5·32 |
| Kalimpong | 25·819 | .. | .. | .. | 69·4 | 68·7 | 75·9 | .. | 67·2 | .. | 79·1 | 66·0 | 97 | .. | 8·9 | ? | .. | ? | .. | ? |
| Shillong | 24·986 | —·001 | S 43° E | 2·2 | 68·5 | 65·8 | 74·9 | —0·1 | 64·2 | +0·7 | 78·7 | 61·9 | 87 | 0 | 8·1 | 22 | +3·0 | 15·13 | +0·47 | 2·92 |
| Cherrapunji | 25·493 | —·038 | S 34° E | 3·7 | 67·4 | 66·3 | 72·0 | 0 | 66·5 | +1·5 | 76·8 | 64·3 | 94 | —2 | 8·6 | 28 | +0·8 | 74·13 | —8·78 | 10·02 |
| Netarhat | .. | .. | N 72° W | 7·9 | 70·0 | 69·4 | 76·2 | .. | 67·8 | .. | 80·8 | 64·2 | 97 | .. | 9·2 | 22 | .. | 25·51 | .. | 5·30 |
| Maymyo | 26·220 | —·056 | S 48° W | 1·9 | 68·5 | 67·2 | 75·4 | —1·1 | 66·6 | +1·1 | 79·2 | 65·0 | 93 | +3 | 9·4 | 14 | —0·9 | 4·99 | —3·80 | 1·18 |
| Pachmarhi | 26·195 | —·025 | S 89° W | 6·4 | 68·4 | 67·3 | 74·5 | —0·4 | 66·7 | —0·3 | 78·0 | 65·1 | 95 | +3 | 9·8 | 27 | +5·8 | 21·99 | —0·84 | 5·65 |
| Mount Abu | 25·809 | —·007 | S 49° W | 6·6 | 66·3 | 65·4 | 71·3 | —0·7 | 64·8 | +0·4 | 76·2 | 62·4 | 96 | +1 | 9·8 | 21 | +3·8 | 12·87 | —6·77 | 2·87 |
| Mercara | 26·111 | —·003 | S 72° W | 5·8 | 64·2 | 63·5 | 68·7 | —1·0 | 61·1 | —1·0 | 74·4 | 59·5 | 97 | +1 | 9·7 | 30 | +3·8 | 33·43 | +7·75 | 3·40 |
| Ootacamund | 22·958 | +·018 | N 80° W | 4·8 | 57·7 | 55·1 | 64·0 | +1·3 | 52·3 | +0·2 | 68·6 | 49·2 | 86 | —1 | 8·6 | 12 | —0·4 | 5·71 | +0·10 | 1·04 |
| Kodaikanal | 22·722 | 0 | N 77° W | 7·7 | 57·3 | 54·2 | 64·6 | +1·5 | 52·3 | —0·2 | 68·2 | 50·5 | 83 | +3 | 5·8 | 16 | +3·9 | 11·72 | +4·98 | 1·37 |
| **Extra India.** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee | 29·678 | +·003 | S 51 W | 6·5 | 78·1 | 74·2 | 94·0 | +2·3 | 76·2 | —0·8 | 97·3 | 67·0 | 82 | +1 | 6·2 | 3 | —2·1 | 2·27 | —2·05 | 1·14 |
| Colombo | 29·807 | —·014 | S 71° W | 3·8 | 78·3 | 75·5 | 85·3 | —0·7 | 77·1 | —0·3 | 86·9 | 72·4 | 87 | +5 | 8·6 | 9 | +3·0 | 3·61 | +0·29 | 0·77 |
| Hambantota | 29·737 | .. | S 77° W | 11·0 | 77·5 | 74·6 | 86·9 | —0·4 | 76·3 | +1·0 | 91·2 | 74·3 | 87 | .. | 4·7 | 4 | .. | 1·07 | —0·19 | 0·28 |
| Minicoy | 29·850 | +·005 | N 63° W | 6·9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6·1 | 13 | +2·3 | 9·23 | +2·12 | 2·22 |
| Amini Divi | 29·810 | —·012 | N 80° W | 13·3 | 81·2 | 76·9 | 85·4 | 0 | 77·2 | —0·1 | 88·6 | 73·7 | 82 | —1 | 7·8 | 14 | +2·6 | 6·67 | —0·82 | 1·24 |
| Gyantse | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Phariong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gangtok | 24·121 | —·203 | N 18° E | 0·5 | 65·9 | 64·7 | 73·7 | —0·9 | 63·1 | +7·5 | 78·6 | 62·0 | 94 | +2 | 8·6 | 28 | +0·6 | 25·19 | +1·83 | 2·39 |
| Gartok (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgar (c) | 25·347 | —·123 | N 27° W | 1·2 | 71·2 | 65·9 | 88·3 | —1·5 | 65·2 | —0·4 | 100·3 | 57·8 | 77 | +24 | 6·4 | 3 | +1·3 | 0·71 | +0·11 | 0·19 |
| Kabul (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed | .. | .. | N 67° E | 1·4 | 67·0 | 57·9 | 90·3 | +1·9 | 56·0 | —3·6 | 97·9 | 48·8 | 57 | +10 | 0·4 | 0 | —0·1 | 0·05 | +0·02 | 0·05 |
| Jask | 29·495 | —·050 | S 89° E | 10·7 | 86·5 | 80·7 | 96·2 | +1·9 | 77·7 | —6·4 | 106·7 | 74·0 | 77 | 0 | 2·6 | 0 | 0 | 0 | 0 | 0 |
| Muscat | 29·521 | —·008 | N 84° E | (d) 5·9 | 85·1 | 80·7 | 91·6 | +2·5 | 82·4 | —1·6 | 103·9 | 79·4 | 83 | +2 | 3·3 | 0 | 0 | 0 | —0·01 | 0 |
| Bushire | 29·480 | —·023 | N 38° W | 6·2 | 90·5 | 81·5 | 96·5 | —0·4 | 84·9 | +1·0 | 101·2 | 78·0 | 67 | —1 | 1·3 | 0 | 0 | 0 | —0·01 | 0 |
| Busrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (c) | 24·150 | —·105 | S 21° E | 1·1 | 70·8 | 61·0 | 92·7 | —3·2 | 64·2 | +1·0 | 99·4 | 58·2 | 59 | +8 | 1·2 | 0 | 0 | 0 | 0 | 0 |
| Tehran (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Baghdad | 29·409 | —·041 | N 56° W | 4·1 | 84·3 | 64·5 | 111·2 | +1·2 | 81·2 | +2·0 | 118·0 | 69·9 | 29 | —13 | 1·5 | 0 | —0·1 | 0 | —0·04 | 0 |
| Aden | 29·571 | —·009 | S 52° E | 7·5 | 80·3 | 74·4 | 90·3 | —1·7 | 76·9 | —3·5 | 95·2 | 72·3 | 75 | +2 | 5·4 | 0 | —0·3 | 0 | —0·12 | 0 |
| Zanzibar | 30·022 | +·014 | S 15° W | 4·1 | 73·7 | 69·9 | 81·2 | +0·1 | 72·9 | +0·2 | 82·8 | 70·9 | 82 | —3 | 7·5 | 2 | —2·2 | 0·59 | —1·10 | 0·30 |

(c) Aneroid.

d = Mean of 30 days.

# TABLE B.—SEPTEMBER 1921.

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point | 29·704 | .. | S 35° W | 6·4 | 77·5 | 75·3 | 81·6 | .. | 73·6 | .. | 85·1 | 71·2 | 90 | .. | 8·0 | 27 | +3·4 | 38·55 | +7·64 | 5·04 |
| Mergui | 29·774 | +·001 | S 49° E | 4·0 | 76·3 | 75·0 | 82·8 | —1·7 | 73·0 | +0·1 | 88·2 | 70·9 | 94 | +1 | 5·2 | 27 | +4·0 | 23·24 | —3·51 | 5·54 |
| Tavoy | 29·811 | —·009 | S 23° E | 1·3 | 76·6 | 75·2 | 83·2 | —0·8 | 73·7 | —0·4 | 88·7 | 71·3 | 93 | 0 | 8·9 | 28 | +5·3 | 57·54 | +24·44 | 12·00 |
| Moulmein | 29·739 | +·006 | S 53° E | 2·0 | 77·7 | 75·6 | 83·8 | —1·0 | 74·5 | —0·1 | 89·4 | 73·0 | 90 | —2 | 9·1 | 24 | +2·0 | 22·35 | —5·49 | 3·06 |
| Amherst | .. | .. | S 39° E | 7·4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rangoon | 29·781 | +·005 | S 2° W | 3·3 | 78·7 | 77·0 | 85·1 | —0·6 | 76·4 | +0·4 | 88·6 | 74·5 | 92 | 0 | 9·5 | 20 | +0·5 | 16·18 | +0·93 | 2·49 |
| Bassein | 29·763 | +·006 | S 37° W | 2·9 | 79·0 | 76·9 | 85·3 | —0·3 | 74·1 | —2·0 | 88·2 | 72·2 | 91 | —2 | 7·2 | 23 | +2·8 | 13·40 | —1·84 | 1·68 |
| Diamond Island | 29·727 | —·016 | S 40° W | 6·7 | 80·2 | 77·5 | 83·3 | —1·3 | 76·4 | +0·1 | 85·6 | 74·4 | 88 | +2 | 8·2 | 21 | +3·3 | 15·45 | —2·35 | 3·10 |
| Toungoo | 29·626 | 0 | S 52° W | 1·7 | 78·6 | 76·1 | 88·1 | —0·9 | 75·3 | 0 | 90·7 | 73·0 | 89 | —1 | 7·0 | 17 | —0·6 | 10·37 | —1·76 | 1·95 |
| Kyaukpyu | 29·728 | .. | S 81° E | 0·4 | 79·7 | 77·5 | 85·9 | .. | 76·7 | .. | 90·8 | 74·2 | 90 | .. | 7·7 | 23 | +3·7 | 16·90 | —1·50 | 2·34 |
| Akyab | 29·713 | —·022 | S 42° E | 2·9 | 79·4 | 77·5 | 86·3 | —0·1 | 76·8 | —1·0 | 90·0 | 73·5 | 91 | —2 | 8·3 | 22 | +3·0 | 32·52 | +11·37 | 9·83 |
| Minbu | 29·593 | —·007 | S 33° E | 3·0 | 80·7 | 76·9 | 91·0 | +0·7 | 72·5 | —4·3 | 96·5 | 69·5 | 84 | —2 | 6·9 | 10 | +0·3 | 4·02 | —2·18 | 1·00 |
| Yamethin | 29·126 | —·002 | .. | .. | 78·4 | 76·1 | 89·4 | —1·3 | 75·1 | +0·4 | 92·3 | 72·0 | 91 | +3 | 7·4 | 10 | —0·5 | 8·00 | +0·98 | 3·96 |
| Mandalay | 29·526 | +·007 | S 11° W | 3·2 | 82·2 | 78·1 | 93·8 | +1·0 | 77·8 | +0·8 | 98·5 | 74·5 | 83 | 0 | 6·7 | 10 | +1·2 | 6·95 | +1·03 | 1·65 |
| Monywa | 29·500 | +·025 | S 53° E | 2·0 | 81·4 | 77·4 | 93·1 | +1·3 | 78·3 | +0·6 | 99·4 | 74·5 | 83 | —4 | 7·7 | 8 | —0·4 | 4·67 | —1·87 | 1·20 |
| Lashio | 27·017 | +·004 | N 24° W | 1·7 | 72·3 | 70·4 | 84·0 | —0·1 | 69·0 | +1·1 | 87·2 | 66·4 | 91 | —1 | 8·4 | 12 | —1·3 | 11·38 | +3·98 | 3·29 |
| Bhamo | 29·389 | +·004 | N 45° E | 0·6 | 77·9 | 76·7 | 89·8 | 0 | 75·9 | +1·3 | 96·6 | 72·6 | 94 | +3 | 8·0 | 10 | —2·6 | 4·18 | —4·33 | 0·63 |
| Myitkyina | 29·274 | +·008 | N 31° E | 1·7 | 77·4 | 75·5 | 87·8 | —2·0 | 74·5 | —1·1 | 95·8 | 71·0 | 91 | +1 | 6·3 | 12 | —0·3 | 6·93 | —2·53 | 1·97 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·378 | —·012 | S 86° E | 1·0 | 77·5 | 75·6 | 85·8 | —1·2 | 74·0 | —0·8 | 95·1 | 69·9 | 91 | —1 | 7·1 | 18 | +3·1 | 19·20 | +6·42 | 3·17 |
| Sibsagar | 29·406 | —·025 | S 83° E | 1·1 | 78·7 | 77·4 | 86·5 | —1·3 | 76·6 | +0·3 | 94·9 | 72·7 | 94 | 0 | 7·9 | 15 | +0·3 | 9·89 | —1·94 | 1·83 |
| Tezpur | 29·485 | +·007 | E | 0·7 | 79·5 | 77·2 | 89·6 | +0·9 | 77·5 | +0·7 | 95·3 | 73·9 | 90 | —1 | 6·2 | 12 | +0·7 | 4·77 | —2·12 | 0·91 |
| Gauhati | 29·549 | +·011 | S 64° E | 1·0 | 81·3 | 77·8 | 90·2 | +0·3 | 76·8 | +0·1 | 96·0 | 73·3 | 85 | —3 | 4·9 | 9 | —0·9 | 3·44 | —2·76 | 1·40 |
| Dhubri | 29·621 | +·004 | N 75° E | 3·6 | 79·7 | 77·4 | 86·0 | +0·6 | 77·1 | —0·1 | 89·4 | 73·1 | 89 | —2 | 5·6 | 14 | +1·3 | 17·43 | +3·09 | 3·58 |
| Silchar | 29·652 | —·002 | N 75° E | 1·0 | 81·0 | 78·1 | 89·6 | —0·2 | 76·1 | —0·2 | 98·3 | 72·6 | 87 | —3 | 6·3 | 18 | +2·8 | 16·14 | +2·15 | 2·88 |
| Srimangal | 29·674 | .. | .. | .. | 79·7 | 77·6 | 90·7 | —0·3 | 74·3 | —1·4 | 97·7 | 70·5 | 91 | +4 | 3·7 | 15 | —0·5 | 18·18 | +7·63 | 3·18 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·694 | .. | S 42° E | 2·9 | 80·3 | 77·7 | 86·6 | .. | 75·8 | .. | 89·8 | 71·3 | 89 | .. | 4·4 | 15 | +1·0 | 12·47 | +0·47 | 1·65 |
| Chittagong | 29·647 | —·007 | S 43° E | 1·9 | 80·3 | 77·8 | 87·6 | +0·8 | 76·1 | —0·2 | 91·4 | 71·8 | 89 | +1 | 6·7 | 16 | +3·4 | 18·45 | +6·96 | 5·62 |
| Noakhali | 29·692 | +·002 | S 53° E | 3·6 | 80·2 | 78·1 | 86·7 | +0·2 | 77·8 | +0·4 | 89·8 | 74·4 | 91 | +2 | 6·0 | 17 | +1·3 | 16·84 | +1·36 | 4·68 |
| Barisal | 29·695 | —·004 | S 38° E | 2·0 | 82·0 | 79·1 | 87·3 | —0·7 | 78·0 | —0·1 | 89·9 | 74·8 | 88 | 0 | 6·9 | 12 | —2·5 | 5·99 | —4·78 | 1·08 |
| Narayanganj | 29·696 | —·004 | S 34° E | 2·0 | 82·4 | 78·7 | 88·5 | 0 | 77·7 | —1·2 | 91·1 | 72·2 | 84 | —4 | 7·3 | 11 | —0·6 | 8·71 | —0·40 | 2·08 |
| Mymensingh | 29·662 | —·007 | Calm. | 0·5 | 80·7 | 77·9 | 88·2 | +0·6 | 77·7 | 0 | 93·1 | 74·6 | 88 | —2 | 7·3 | 11 | —3·9 | 13·09 | —0·80 | 3·77 |
| Bogra | 29·641 | —·006 | S 65° E | 1·0 | 82·3 | 79·9 | 89·4 | +0·8 | 77·4 | —0·3 | 92·8 | 72·9 | 89 | +2 | 5·9 | 14 | +1·2 | 12·91 | +1·48 | 3·51 |
| Dinajpur | 29·579 | —·012 | S 87° E | 2·0 | 81·1 | 78·2 | 89·1 | +0·5 | 77·6 | +0·1 | 95·8 | 75·0 | 87 | —2 | 5·8 | 13 | +0·7 | 7·34 | —4·66 | 1·55 |
| Jalpaiguri | 29·444 | 0 | N 45° W | 0·8 | 78·8 | 77·0 | 88·2 | +0·5 | 75·8 | 0 | 93·2 | 71·0 | 92 | +2 | 4·2 | 16 | +0·6 | 15·15 | —4·31 | 3·70 |
| Saugor Island | 29·673 | —·005 | S 39° E | 6·8 | 81·8 | 78·5 | 87·1 | —1·1 | 78·7 | —1·0 | 97·3 | 74·7 | 86 | —2 | 7·7 | 15 | +1·6 | 10·11 | —1·06 | 2·12 |
| Midnapore | 29·532 | —·011 | S 45° E | 1·8 | 82·0 | 78·3 | 88·4 | —1·5 | 78·1 | +0·8 | 92·6 | 74·9 | 84 | —2 | 7·8 | 17 | +4·6 | 8·31 | —0·41 | 1·45 |
| Calcutta | 28·668 | —·009 | S 51° E | 2·6 | 81·6 | 79·1 | 88·2 | +0·2 | 78·5 | +0·5 | 91·2 | 74·0 | 89 | +2 | 7·9 | 16 | +2·8 | 6·35 | —3·58 | 1·29 |
| Jessore | 29·675 | —·002 | S 47° E | 0·9 | 82·7 | 78·9 | 87·8 | —1·4 | 78·1 | —0·3 | 90·3 | 74·1 | 84 | —5? | 7·1 | 17 | +5·3 | 10·03 | +1·53 | 1·62 |

# TABLE B.—SEPTEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **III.—Bengal—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Burdwan | 29·589 | —·014 | S 19° E | 1·1 | 82·3 | 78·9 | 89·2 | —0·6 | 78·3 | —0·5 | 91·8 | 74·0 | 86 | 0 | 7·4 | 15 | +3·7 | 7·97 | —0·58 | 2·02 |
| Asansol | 29·263 | .. | .. | .. | 81·4 | 78·3 | 89·6 | .. | 75·3 | .. | 94·8 | 70·7 | 87 | .. | 6·7 | 10 | —1·6 | 5·95 | —2·10 | 0·98 |
| Berhampore | 29·638 | +·003 | S 29° E | 2·5 | 82·5 | 79·3 | 89·1 | +0·1 | 78·7 | +0·1 | 92·1 | 76·0 | 86 | —3 | 6·7 | 11 | —0·7 | 7·16 | —2·86 | 2·53 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·618 | —·020 | S 28° E | 2·2 | 81·3 | 79·0 | 89·4 | +0·6 | 77·7 | —0·2 | 93·7 | 74·7 | 90 | +3 | 7·3 | 16 | +2·7 | 11·87 | —0·31 | 3·06 |
| Hukitala (False Point) | 29·642 | —·020 | S 54° W | 7·3 | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | 4·9 | 16 | +3·7 | 9·38 | —0·85 | 2·02 |
| Cuttack | 29·593 | —·014 | S 67° W | 1·2 | 81·2 | 78·4 | 89·3 | —0·8 | 76·6 | —1·5 | 93·3 | 74·4 | 88 | +5 | 6·6 | 14 | +1·5 | 9·61 | —0·50 | 2·28 |
| Puri | 29·658 | —·009 | W | 8·1 | 82·5 | 79·3 | 87·7 | —1·3 | 79·7 | 0 | 92·1 | 77·0 | 86 | +1 | 6·0 | 19 | +7·2 | 8·32 | —0·91 | 1·66 |
| Angul | 29·213 | —·009 | N 48° W | 3·9 | 79·6 | 77·0 | 87·5 | —1·0 | 75·5 | —1·0 | 91·4 | 71·4 | 88 | +2 | 7·7 | 18 | +7·3 | 22·43 | +15·97 | 3·20 |
| Sambalpur | 29·185 | —·025 | S 10° W | 2·2 | 79·6 | 77·1 | 87·2 | —1·7 | 74·0 | —3·1? | 91·0 | 68·9 | 89 | +7 | 4·5 | 13 | +1·4 | 13·77 | +5·04 | 6·80 |
| Chaibasa | 28·935 | —·011 | N 67° E | 1·9 | 79·6 | 76·4 | 88·7 | —0·8 | 75·8 | —0·1 | 92·3 | 71·7 | 86 | 0 | 6·3 | 12 | +0·3 | 5·92 | —2·66 | 2·20 |
| Ranchi | 27·567 | —·010 | S 63° E | 3·0 | 74·8 | 72·4 | 83·4 | —0·7 | 71·8 | —0·2 | 94·7 | 66·1 | 89 | +5 | 7·1 | 20 | +8·1 | 9·54 | +0·59 | 2·03 |
| Purulia | 28·880 | +·012 | S 21° E | 0·9 | 80·0 | 76·2 | 91·0 | +1·7 | 76·3 | +0·6 | 98·9 | 72·7 | 83 | —5? | 7·7 | 10 | —1·2 | 5·03 | —5·09 | 1·80 |
| Daltonganj | 28·911 | —·045? | S 49° E | (a) 3·5 | 78·4 | 75·3 | 88·9 | —1·4 | 74·8 | —0·5 | 93·0 | 68·1 | 86 | +2 | 4·8 | 9 | —0·2 | 2·66 | —4·31 | 0·76 |
| Purnea | 29·571 | —·014 | S 88° E | 1·6 | 81·1 | 79·2 | 88·5 | —0·4 | 77·7 | +0·2 | 94·3 | 73·7 | 92 | +2 | 6·0 | 9 | —1·9 | 8·66 | —3·59 | 2·60 |
| Monghyr | 29·524 | .. | S 77° E | 3·0 | 82·2 | 78·9 | 89·1 | .. | 78·6 | .. | 94·2 | 75·9 | 86 | .. | 5·7 | 10 | —0·4 | 11·71 | +2·76 | 3·65 |
| Darbhanga | 29·529 | —·002 | S 83° E | 3·4 | 81·3 | 78·4 | 87·9 | —0·8 | 78·2 | —0·4 | 93·4 | 71·9 | 87 | 0 | 7·7 | 13 | +4·3 | 20·15 | +11·57 | 7·80 |
| Pusa | 29·501 | .. | S 86° E | 2·5 | 81·8 | 79·6 | 88·7 | .. | 77·7 | .. | 94·2 | 74·4 | 91 | .. | 7·7 | 13 | +4·5 | 12·51 | +6·37 | 3·98 |
| Patna | 29·495 | —·001 | S 82° E | 4·2 | 83·6 | 79·4 | 88·5 | —1·3 | 78·1 | —0·8 | 92·3 | 74·6 | 83 | 0 | 6·5 | 9 | —0·1 | 8·42 | +0·89 | 3·42 |
| Buxar | 29·430 | —·012 | S 32° E | 3·5 | 81·0 | 78·8 | 88·1 | —2·0 | 77·7 | 0 | 92·9 | 73·6 | 91 | +7? | 5·5 | 14 | +6·1 | 15·15 | +8·10 | 5·16 |
| Gaya | 29·313 | +·002 | S 28° E | 2·7 | 82·8 | 78·1 | 89·5 | —1·4 | 78·0 | +0·2 | 93·6 | 74·3 | 81 | —1 | 4·0 | 13 | +3·7 | 6·96 | —0·71 | 1·06 |
| Naya Dumka | 29·188 | —·013 | S 23° W | 1·3 | 81·9 | 77·7 | 88·7 | —0·2 | 77·0 | +0·4 | 92·6 | 73·5 | 83 | —2 | 5·9 | 12 | —0·3 | 8·48 | —0·64 | 1·90 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·434 | +·003 | E | 1·5 | 81·1 | 78·4 | 87·7 | —2·8 | 77·4 | —0·2 | 93·6 | 70·1 | 88 | +4 | 3·1 | 15 | +6·3 | 11·00 | +3·18 | 3·25 |
| Benares | 29·401 | —·012 | S 6° E | 2·5 | 82·4 | 78·6 | 88·9 | —2·1 | 77·1 | —0·1 | 94·0 | 72·1 | 84 | 0 | 5·5 | 11 | +2·6 | 6·70 | —0·09 | 1·76 |
| Allahabad | 29·376 | +·003 | N | 4·6 | 81·2 | 77·7 | 89·5 | —2·0 | 77·0 | 0 | 94·6 | 70·5 | 85 | +4 | 6·3 | 12 | +4·3 | 6·52 | +0·86 | 1·56 |
| Cawnpore | 29·257 | —·005 | S 35° E | 2·2 | 80·4 | 77·4 | 89·4 | —1·7 | 77·0 | —0·3 | 93·5 | 71·8 | 86 | +6 | 3·9 | 7 | —0·1 | 4·21 | —2·67 | 1·74 |
| Lucknow | 29·294 | —·018 | S 32° E | 1·5 | 81·0 | 77·6 | 91·4 | —0·5 | 76·7 | +0·3 | 97·0 | 71·2 | 85 | +4 | 4·6 | 13 | +5·4 | 15·01 | +8·29 | 3·38 |
| Bahraich | 29·267 | —·007 | N 82° E | 1·7 | 81·1 | 76·3 | 89·7 | —1·7 | 76·5 | 0 | 95·7 | 72·4 | 79 | —3? | 4·2 | 7 | +0·4 | 8·27 | +0·44 | 2·80 |
| Jhansi | 28·852 | —·027 | S 53° W | 3·7 | 79·1 | 75·2 | 88·6 | —2·9 | 74·8 | —1·3 | 91·9 | 67·8 | 83 | +6 | 4·9 | 13 | +5·7 | 6·03 | —0·05 | 1·05 |
| Agra | 29·113 | —·019 | N 75° E | 2·4 | 82·4 | 77·6 | 90·3 | —2·9 | 76·8 | —0·2 | 97·0 | 69·8 | 80 | +6 | 5·6 | 10 | +4·6 | 11·96 | +7·91 | 4·44 |
| Mainpuri | 29·154 | —·009 | S 80° E | 0·7 | 79·7 | 76·8 | 88·4 | —4·4 | 75·8 | —0·2 | 94·2 | 69·9 | 87 | +8 | 6·0 | 10 | +4·0 | 11·15 | +6·73 | 5·96 |
| Bareilly | 29·091 | —·020 | N 23° W | 0·1 | 79·3 | 76·2 | 86·1 | —4·6 | 76·1 | +0·4 | 92·9 | 72·0 | 86 | +4 | 4·4 | 12 | +5·2 | 15·23 | +7·79 | 5·95 |
| Roorkee | 28·784 | —·003 | S 45° E | 0·4 | 78·5 | 75·1 | 87·6 | —3·3 | 74·0 | +0·7 | 93·7 | 68·7 | 85 | +3 | 4·9 | 12 | +6·4 | 6·83 | +0·45 | 2·85 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 28·965 | —·001 | W | 2·2 | 80·1 | 75·6 | 89·7 | —3·0 | .. | .. | 100·0 | .. | 81 | +10 | 4·2 | 7 | +2·5 | 8·01 | +3·03 | 6·20 |
| Hissar | 28·961 | +·007 ? | S 50° W | 4·7 | 82·2 | 75·2 | 97·2 | —0·9 | 76·0 | +0·1 | 103·5 | 66·8 | 71 | +5 | 2·2 | 3 | +0·1 | 3·52 | +1·55 | 1·73 |
| Patiala | 28·834 | —·035 ? | S 76° E | 2·4 | 81·3 | 75·9 | 93·4 | +0·2 | 69·8 | —4·7? | 99·4 | 62·0 | 78 | +2 | 3·5 | 6 | +1·8 | 1·86 | —2·68 | 0·73 |
| Ambala | 28·783 | —·007 | S 74° E | 1·9 | 80·3 | 75·2 | 92·7 | —0·2 | 75·5 | +1·7 | 98·6 | 66·4 | 78 | —3 | 4·3 | 6 | +1·5 | 4·18 | —0·47 | 2·90 |
| Ludhiana | 28·859 | —·010 | S 57° E | 1·8 | 80·3 | 74·1 | 96·1 | +1·8 | 76·1 | +0·9 | 102·7 | 66·4 | 74 | —2 | 1·3 | 3 | —0·8 | 2·00 | —2·11 | 1·50 |
| Lahore | 28·958 | —·012 | S 7° E | 1·2 | 81·9 | 75·3 | 95·8 | —2·5 | 76·5 | +3·1? | 101·3 | 66·0 | 73 | +3 | 1·5 | 4 | +1·5 | 1·84 | —0·51 | 0·82 |

(a) Mean of 25 days.

# TABLE B.—SEPTEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI—Punjab—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Sialkot | 28·838 | —·011 | N 79° E | 2·0 | 79·7 | 75·2 | 92·6 | —2·6 | 74·1 | 0 | 96·7 | 64·3 | 81 | +9 | 3·0 | 6 | +2·3 | 1·40 | —1·98 | 0·56 |
| Rawalpindi | 28·018 | —·008 | N 65° E | 1·7 | 78·2 | 72·2 | 93·6 | +0·1 | 68·2 | —0·9 | 99·5 | 62·0 | 74 | +5 | 1·8 | 8 | +3·8 | 3·08 | —0·30 | 0·96 |
| Khushab | 29·063 | +·001? | N 71° E | 4·7 | 82·7 | 75·9 | 97·2 | —1·7 | 73·8 | —2·4? | 102·2 | 62·2 | 72 | +10? | 1·7 | 3 | +1·1 | 2·76 | +1·51 | 1·23 |
| Lyallpur | 29·046 | .. | S 42° E | 2·3 | 82·6 | 74·6 | 98·5 | .. | 76·8 | .. | 104·7 | 65·3 | 69 | .. | 2·9 | 1 | —0·7 | 0·92 | —0·83 | 0·92 |
| Montgomery | 29·088 | —·021 | S 20° E | 3·1 | 83·9 | 75·1 | 98·2 | —2·4 | 77·8 | +1·7 | 104·1 | 67·0 | 65 | +8 | 0·7 | 1 | —0·7 | 0·40 | —0·89 | 0·40 |
| Multan | 29·199 | —·027 | S 36° W | 1·4 | 85·0 | 77·2 | 101·0 | +0·5 | 81·0 | +3·5 | 105·8 | 69·4 | 69 | +4 | 0·7 | 1 | +0·4 | 0·50 | +0·18 | 0·50 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·573 | —·021 | N | 0·2 | 80·1 | 72·2 | 99·5 | +3·9? | 74·6 | +4·1 | 105·0 | 64·3 | 67 | +3 | 0·5 | 0 | —1·6 | 0 | —0·77 | 0 |
| Dera Ismail Khan | 29·076 | —·010 | N 37° E | 0·8 | 83·2 | 77·0 | 98·1 | —1·7 | 79·1 | +4·1 | 102·3 | 69·8 | 74 | +5 | 0·7 | 0 | —0·8 | 0·02 | —0·53 | 0·02 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·445 | —·028 | S 33° E | 2·8 | 86·5 | 77·5 | 99·6 | —4·1 | 80·1 | +3·9 | 104·1 | 69·2 | 65 | —6? | 0·1 | 0 | —0·2 | 0·01 | —0·07 | 0·01 |
| Hyderabad | 29·559 | —·029 | S 39° W | 3·4 | 81·6 | 75·8 | 95·2 | —2·2 | 78·1 | +1·9 | 102·1 | 70·2 | 75 | +7 | 1·0 | 1 | +0·4 | 1·20 | +0·68 | 1·20 |
| Karachi | 29·684 | —·031 | S 87° W | 9·8 | 80·7 | 78·6 | 86·4 | +0·8 | 77·2 | +1·4 | 96·9 | 73·8 | 91 | +9 | 6·5 | 1 | +0·4 | 0·87 | +0·47 | 0·66 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 28·905 | —·013 | S 41° W | 5·8 | 82·8 | 74·8 | 98·5 | +0·4 | 76·9 | —1·9 | 104·4 | 71·9 | 68 | +3 | 1·2 | 4 | +2·1 | 1·89 | +0·71 | 1·15 |
| Jodhpur | 28·921 | —·023 | S 50° W | 3·5 | 80·5 | 73·5 | 94·0 | —0·9 | 75·2 | —0·3 | 101·3 | 69·2 | 71 | +2 | 6·4 | 3 | +0·5 | 1·42 | —0·84 | 0·89 |
| Jaipur | 28·280 | —·017 | N 63° W | 3·6 | 78·9 | 73·6 | 90·1 | —3·9 | 73·5 | 0 | 93·7 | 66·8 | 77 | +7 | 4·5 | 7 | +2·4 | 2·69 | —0·58 | 0·75 |
| Ajmer | 28·083 | —·043 | S 83° W | 3·8 | 75·7 | 71·5 | 86·9 | —3·5 | 74·4 | +0·3 | 91·2 | 69·4 | 81 | +5 | 3·2 | 5 | +1·3 | 2·70 | +0·18 | 1·28 |
| Kotah | 28·832 | —·045 | N 77° W | 1·1 | 79·8 | 74·8 | 87·9 | —4·6 | 74·7 | —2·4 | 93·2 | 69·8 | 79 | +11 | 4·5 | 12 | +6·7 | 9·77 | +5·41 | 2·60 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Dessa | 29·266 | —·017 | S 73° W | 4·8 | 78·8 | 75·5 | 88·8 | —4·5 | 74·8 | +0·7 | 96·2 | 69·3 | 86 | +10 | 7·6 | 11 | +7·6 | 8·48 | +5·06 | 1·68 |
| Bhuj | 29·377 | —·035 | S 74° W | 7·1 | 80·4 | 75·7 | 88·3 | —3·7 | 74·6 | 0 | 92·0 | 72·7 | 80 | +2 | 7·9 | 5 | +3·0 | 4·34 | +2·49 | 2·10 |
| Jamnagar | .. | .. | S 44° W | 6·6 | .. | 76·6 | 87·3 | —2·1 | 74·6 | +0·3 | 90·8 | 70·0 | .. | .. | 4·6 | 7 | +4·3 | 7·42 | +5·10 | 3·70 |
| Dwarka | 29·706 | —·028 | S 72° W | 10·1 | 79·9 | 75·7 | 85·3 | +0·1 | 78·5 | +1·2 | 88·5 | 75·6 | 82 | —1 | 6·2 | 1 | —0·7 | 5·77 | +4·63 | 5·35 |
| Rajkot | 29·298 | —·039 | S 40° W | 8·4 | 77·8 | 75·3 | 87·1 | —4·5 | 73·0 | +0·8 | 91·3 | 69·0 | 88 | +7 | 6·5 | 11 | +6·1 | 9·74 | +5·89 | 2·30 |
| Veraval | 29·741 | —·025 | S 68° W | 11·7 | 79·1 | 76·3 | 82·2 | —1·4 | 77·5 | +1·2 | 85·1 | 74·6 | 87 | +1 | 6·4 | 7 | +3·3 | 2·57 | +0·30 | 0·67 |
| Bhavnagar Para | 29·699 | —·021 | S 65° W | 4·4 | 79·0 | 75·5 | 88·4 | —4·6 | 73·9 | —1·2 | 93·2 | 70·4 | 84 | +6 | 6·4 | 11 | +5·3 | 11·99 | +8·27 | 4·38 |
| Surat | 29·728 | —·019 | S 62° W | 3·6 | 79·4 | 76·7 | 84·8 | —3·8 | 75·7 | 0 | 89·2 | 73·2 | 88 | +6 | 8·6 | 14 | +6·9 | 10·02 | +4·02 | 1·75 |
| Ahmadabad | 29·587 | —·019 | S 89° W | 3·8 | 78·6 | 75·6 | 87·6 | —4·7 | 75·6 | —0·5 | 91·8 | 71·9 | 86 | +8 | 6·5 | 16 | +11·6 | 12·71 | +8·98 | 5·35 |
| Bombay | 29·760 | —·014 | S 71° W | 7·5 | 78·7 | 75·5 | 84·0 | —0·7 | 76·6 | —0·1 | 85·9 | 74·1 | 86 | —1 | 6·6 | 19 | +6·5 | 13·02 | +2·45 | 2·05 |
| Ratangiri | 29·591 | —·016 | S 78° W | 6·8 | 78·8 | 75·3 | 83·2 | —0·9 | 74·6 | +0·1 | 85·1 | 72·1 | 85 | —2 | 7·5 | 17 | +2·0 | 12·24 | +0·30 | 2·41 |
| Marmagao | 29·778 | +·009 | N 76° W | 5·0 | 77·5 | 76·0 | 82·5 | —0·7 | 74·8 | —0·4 | 84·2 | 72·9 | 92 | +1 | 7·7 | 18 | +3·1 | 10·44 | +1·99 | 1·67 |
| Karwar | 29·796 | +·006 | S | 1·3 | 76·4 | 74·8 | 83·2 | +0·6 | 74·1 | +0·1 | 85·2 | 72·0 | 93 | +4 | 7·3 | 19 | +3·6 | 10·74 | —0·81 | 1·20 |
| Malegaon | 28·316 | —·023 | S 60° W | 6·9 | 76·8 | 71·2 | 86·8 | —1·4 | 70·7 | +0·5 | 92·1 | 67·0 | 75 | —1 | 6·3 | 7 | —0·6 | 4·46 | —1·30 | 1·90 |
| Ahmadnagar | 27·638 | —·011 | N 69° W | 6·4 | 74·5 | 68·6 | 85·1 | —0·5 | 66·8 | —1·1 | 91·6 | 61·9 | 73 | —7 | 4·7 | 4 | —3·8 | 5·00 | —1·18 | 2·95 |
| Poona | 27·952 | —·003 | S 48° W | 5·9 | 73·5 | 69·0 | 83·7 | —0·7 | 67·7 | —0·9 | 88·0 | 61·1 | 79 | —2 | 9·7 | 3 | —4·2 | 1·06 | —3·47 | 0·42 |
| Sholapur | 28·193 | —·004 | N 76° W | 8·1 | 75·9 | 69·6 | 88·9 | +0·6 | 70·1 | —0·5 | 95·9 | 66·0 | 72 | —5 | 5·0 | 8 | —0·8 | 5·62 | —2·26 | 3·19 |
| Bijapur | 27·848 | —·004 | N 79° W | 4·0* | 73·8 | 68·9 | 86·5 | —0·2 | 68·6 | —1·1 | 92·4 | 64·3 | 78 | —3 | 6·7 | 3 | —5·6 | 2·51 | —3·41 | 1·16 |
| Belgaum | 27·295 | +·017 | S 81° W | 4·5 | 69·4 | 67·4 | 77·3 | —1·7 | 64·7 | —0·6 | 83·1 | 59·4 | 90 | +1 | 8·7 | 10 | +0·8 | 2·74 | —1·96 | 0·51 |

*= Mean of 25 days.

# TABLE B.—SEPTEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 28·085 | —·035 | S 86° W | 3·5 | 75·6 | 73·0 | 83·5 | —4·4 | 71·1 | +0·2 | 89·7 | 65·8 | 88 | +8 | 6·2 | 12 | +5·6 | 10·58 | +5·71 | 2·38 |
| Indore | 27·901 | —·034 | N 80° W | 4·8 | 73·5 | 71·4 | 81·5 | —3·6 | 70·5 | +0·5 | 87·1 | 64·7 | 90 | +5 | 9·4 | 16 | +7·6 | 12·03 | +5·33 | 3·90 |
| Nowgong | 28·910 | —·029 | S 50° W | 2·1 | 77·8 | 75·3 | 87·2 | —2·7 | 74·6 | —0·4 | 89·7 | 65·3 | 88 | +5 | 5·6 | 12 | +4·8 | 6·98 | +0·82 | 2·33 |
| Sutna | 28·619 | —·020 | S 71° W | 2·7 | 78·7 | 75·7 | 84·9 | —3·0 | 74·8 | +0·1 | 88·8 | 67·8 | 87 | +5 | 4·9 | 9 | +0·2 | 8·95 | +2·14 | 3·25 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | .. | .. | N 81° W | 6·1 | 72·4 | 69·1 | 81·0 | —2·1 | 69·1 | —0·2 | 85·4 | 66·1 | 85 | .. | 7·3 | 9 | +0·2 | 5·75 | —1·29 | 2·41 |
| Akola | 28·809 | —·009 | N 81° W | 5·8 | 77·2 | 72·6 | 87·7 | —1·3 | 72·8 | +0·1 | 91·7 | 69·5 | 79 | —1 | 6·4 | 8 | +0·1 | 6·46 | +0·66 | 2·85 |
| Amraoti | 28·514 | —·005 | N 80° W | 5·6 | 75·7 | 72·0 | 86·0 | —2·2 | 71·9 | —0·2 | 95·6 | 69·1 | 83 | 0 | 6·4 | 8 | —0·2 | 4·74 | —1·48 | 1·80 |
| Khandwa | 28·675 | —·024 | S 76° W | 5·0 | 76·1 | 73·2 | 85·0 | —3·0 | 71·4 | —1·7 | 89·5 | 66·1 | 86 | +4 | 7·8 | 9 | +1·5 | 10·58 | +4·41 | 3·40 |
| Hoshangabad | 28·712 | —·007 | S 71° W | 2·5 | 75·8 | 74·4 | 84·1 | —3·3 | 72·0 | —1·1 | 90·1 | 67·4 | 94 | +8 | 8·1 | 14 | +4·2 | 6·90 | —1·85 | 1·11 |
| Saugor | 27·857 | —·064 | N 77° W | 5·2 | 74·0 | 71·7 | 84·3 | —1·9? | 70·7 | —0·8 | 87·6 | 64·6 | 89 | +7 | 5·6 | 12 | +2·7 | 10·50 | +3·44 | 2·18 |
| Jubbulpore | 28·342 | —·033 | S 68° W | 1·8 | 76·7 | 73·3 | 84·3 | —2·8 | 73·3 | +0·6 | 88·7 | 66·3 | 85 | 0 | 7·0 | 12 | +2·2 | 10·07 | +2·26 | 2·78 |
| Seoni | 27·684 | —·009 | N 49° W | 3·6 | 74·9 | 71·0 | 82·9 | —2·4 | 70·3 | —0·2 | 88·2 | 64·5 | 82 | —1 | 6·5 | 12 | +0·9 | 16·01 | +7·18 | 6·25 |
| Nagpur | 28·697 | +·002 | N 64° W | 4·5 | 78·6 | 72·6 | 87·1 | —1·9 | 73·7 | —0·1 | 92·3 | 70·7 | 74 | —7 | 5·4 | 11 | +0·2 | 7·41 | —0·93 | 3·15 |
| Pendra | 27·666 | +·002 | S | 3·7 | 75·0 | 71·6 | 82·7 | —1·9 | 70·7 | —0·5 | 85·9 | 64·0 | 84 | +1 | 4·8 | 12 | +2·0 | 7[illegible]·4 | +1·66 | 2·31 |
| Raipur | 28·720 | —·005 | S 71° W | 2·9 | 78·8 | 75·3 | 86·1 | —1·9 | 74·6 | —0·1 | 90·5 | 70·1 | 85 | +1 | 6·7 | 12 | +1·5 | 8·86 | +1·22 | 2·82 |
| Chanda | 29·078 | —·022 | S 81° W | 4·5 | 79·0 | 74·5 | 87·3 | —1·6 | 74·7 | +0·4 | 91·5 | 69·0 | 80 | —2 | 7·1 | 13 | +2·1 | 6·61 | —2·95 | 1·64 |
| Jagdalpur | 27·902 | .. | S 59° W | 2·4 | 76·5 | 73·2 | 83·6 | .. | 70·9 | .. | 89·0 | 65·3 | 85 | .. | 6·1 | 17 | +2·8 | 9·77 | —2·28 | 2·15 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 27·875 | —·010 | N 86° W | 10·0 | 73·5 | 68·8 | 85·5 | —0·6 | 68·4 | —0·3 | 92·2 | 65·8 | 78 | 0 | 8·2 | 9 | +0·8 | 4·25 | —2·10 | 1·06 |
| Nizamabad | 28·501 | ? | S 82° W | 2·8 | 77·0 | 72·0 | 87·3 | +0·5 | 71·9 | —0·6 | 92·1 | 67·8 | 78 | —3 | 6·6 | 9 | —0·8 | 6·97 | —2·51 | 2·77 |
| Gulbarga | 28·271 | —·004 | N 83° W | 10·5 | 75·1 | 69·9 | 91·0 | +3·2 | 70·6 | —0·6 | 97·8 | 66·0 | 77 | —3 | 5·8 | 7 | —3·4 | 2·25 | —5·25 | 0·42 |
| Raichur | 28·478 | +·013 | N 67° W | 9·3 | 76·4 | 70·9 | 90·2 | +2·0 | 72·1 | —0·3 | 96·6 | 67·6 | 75 | —3 | 4·4 | 7 | —3·3 | 2·71 | —4·31 | 1·35 |
| Hyderabad (Deccan) | 28·055 | +·009 | N 80° W | 5·7 | 75·6 | 71·1 | 87·3 | +1·3 | 72·0 | —0·1 | 94·6 | 67·7 | 80 | —1 | 6·4 | 7 | —2·0 | 3·03 | —3·87 | 0·78 |
| Hanamkonda | 28·862 | +·007 | N 60° W | 4·0 | 78·9 | 73·4 | 87·3 | —0·6 | 74·5 | —0·1 | 92·2 | 71·6 | 76 | —1 | 6·9 | 13 | +4·2 | 15·89 | +9·08 | 4·98 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·441 | +·015 | S 83° W | 7·4 | 71·1 | 66·8 | 84·3 | +0·9 | 67·4 | +0·1 | 88·0 | 64·8 | 79 | —3 | 8·3 | 4 | —3·2 | 1·09 | —2·97 | 0·28 |
| Hassan | 26·758 | +·025 | N 81° W | 7·2 | 70·0 | 66·3 | 79·3 | —1·2 | 63·6 | —0·7 | 83·9 | 58·9 | 82 | —1 | 6·5 | 6 | —2·0 | 3·04 | —0·82 | 1·72 |
| Bangalore | 26·867 | +·014 | N 86° W | 7·2 | 69·0 | 66·1 | 81·1 | —0·8 | 65·1 | —0·3 | 85·6 | 62·8 | 86 | 0 | 9·2 | 7 | —2·2 | 4·66 | —2·30 | 2·94 |
| Mysore | 27·350 | +·004 | S 66° W | 5·8 | 71·5 | 67·1 | 83·3 | —0·7 | 65·3 | —1·0 | 87·0 | 62·5 | 79 | —3 | 5·5 | 5 | —3·3 | 1·46 | —3·20 | 0·33 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·798 | +·008 | N 30° W | 3·7 | 78·1 | 75·2 | 83·9 | 0 | 73·9 | +0·5 | 86·3 | 72·0 | 87 | 0 | 6·3 | 15 | —0·4 | 12·23 | +1·78 | 2·75 |
| Calicut | 29·856 | +·027 | N 28° W | 4·1 | 77·4 | 75·7 | 83·2 | —0·6 | 74·7 | +0·5 | 85·7 | 72·5 | 92 | +3 | 6·1 | 8 | —3·3 | 3·59 | —3·70 | 0·72 |
| Cochin | 29·874 | +·017 | N 1° E | 4·0 | 79·3 | 76·0 | 84·4 | —0·5 | 74·8 | +0·3 | 87·3 | 72·5 | 85 | 0 | 6·2 | 13 | —0·7 | 5·73 | —2·92 | 0·75 |
| Trivandrum | 29·683 | +·025 | N 37° W | 6·3 | 77·6 | 74·4 | 83·3 | +0·5 | 74·5 | —0·6 | 85·3 | 72·5 | 85 | +2 | 7·4 | 10 | +2·4 | 2·35 | —1·58 | 0·77 |
| Pamban | 29·775 | +·005 | S 12° W | 5·5 | 85·5 | 78·0 | 89·5 | —0·1 | 79·3 | +1·0 | 90·2 | 77·9 | 83 | +6? | 4·7 | 3 | +1·0 | 2·09 | +0·85 | 1·70 |
| Madura | 29·350 | +·012 | N 49° W | 4·0 | 80·1 | 73·2 | 93·0 | —2·1? | 75·2 | 0 | 96·4 | 72·8 | 71 | +2 | 7·0 | 7 | +0·3 | 3·86 | —1·34 | 1·50 |
| Pudukkottai | 29·486 | +·019 | N 56° W | 3·5 | 80·6 | 72·6 | 94·7 | +0·3? | 75·5 | —0·1 | 99·5 | 71·4 | 67 | —1 | 5·9 | 6 | —1·0 | 5·13 | +0·08 | 1·45 |

# TABLE B.—SEPTEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV.—Madras—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Negapatam | 29·783 | +·019 | N 89° W | 4·7 | 81·4 | 73·9 | 92·5 | —0·2 | 77·1 | +0·4 | 96·9 | 71·0 | 69 | —5 | 6·0 | 4 | —2·2 | 5·36 | +1·58 | 3·10 |
| Trichinopoly | 29·561 | +·014 | S 74° W | 4·8 | 81·6 | 74·2 | 94·4 | —0·8 | 75·8 | 0 | 98·7 | 71·4 | 70 | —2 | 5·1 | 5 | —1·1 | 5·68 | +1·12 | 2·44 |
| Coimbatore | 28·500 | +·027 | S 10° W | 4·9 | 77·5 | 72·0 | 88·2 | —0·9 | 71·0 | +0·3 | 92·0 | 69·3 | 76 | —8? | 4·0 | 1 | —2·1 | 0·38 | —1·11 | 0·25 |
| Salem | 28·910 | +·019 | S 44° W | 3·3 | 77·1 | 72·6 | 90·2 | —1·3 | 72·5 | +0·2 | 94·2 | 70·0 | 80 | 0 | 6·1 | 6 | —2·7 | 2·84 | —3·66 | 1·05 |
| Cuddalore | 29·765 | +·018 | S 51° W | 5·0 | 81·5 | 75·4 | 93·0 | +0·8 | 77·2 | +1·0 | 97·5 | 74·2 | 75 | —5 | 6·9 | 4 | —3·1 | 0·72 | —5·86 | 0·21 |
| Vellore | 29·089 | +·013 | S 88° W | 2·8 | 79·7 | 74·5 | 91·2 | —0·3 | 74·1 | —1·5 | 96·8 | 69·2 | 77 | +4 | 4·8 | 6 | —3·0 | 9·56 | +2·24 | 4·84 |
| Madras | 29·762 | +·010 | S 66° W | 3·9 | 82·1 | 76·0 | 93·3 | +0·3 | 77·3 | +0·2 | 98·7 | 73·5 | 75 | —3 | 5·7 | 9 | +1·8 | 2·55 | —2·66 | 0·46 |
| Cuddapah | 29·370 | +·012 | N 58° W | .. | 80·7 | 73·3 | 93·5 | +0·3 | 77·0 | +1·0 | 99·0 | 74·3 | 70 | —4 | 7·1 | 6 | —2·5 | 1·18 | —5·03 | 0·18 |
| Bellary | 28·337 | +·018 | N 80° W | 8·1 | 78·3 | 71·6 | 92·2 | +1·6 | 73·3 | +0·4 | 97·3 | 70·5 | 72 | +2 | 6·4 | 2 | —5·2 | 2·07 | —2·62 | 1·90 |
| Kurnool | 28·863 | +·015 | N 84° W | 3·7 | 77·5 | 76·1 | 91·0 | +1·4 | 74·7 | +1·3 | 95·2 | 69·8 | 79 | +1 | 7·7 | 4 | —5·5 | 1·39 | —4·76 | 0·62 |
| Nellore | 29·695 | +·005 | N 76° W | 3·2 | 81·3 | 74·9 | 92·7 | —1·9 | 76·7 | —1·0 | 98·6 | 72·7 | 73 | —1 | 7·0 | 9 | +2·6 | 8·94 | +4·30 | 5·12 |
| Masulipatam | 29·725 | —·001 | N 90° W | 5·8 | 80·7 | 76·5 | 88·7 | —2·1? | 76·5 | —1·1 | 93·3 | 71·2 | 82 | —2 | 8·1 | 13 | +3·7 | 11·95 | +6·05 | 3·00 |
| Cocanada | 29·692 | —·002 | N 87° W | 4·6 | 80·9 | 77·8 | 88·4 | —1·4 | 77·8 | —0·5 | 94·4 | 74·4 | 87 | +5 | 7·2 | 11 | +2·8 | 4·34 | —1·37 | 0·93 |
| Vizagapatam | 29·650 | —·015 | N 65° W | 6·0 | 83·0 | 78·2 | 88·5 | 0 | 79·3 | +1·4 | 94·6 | 76·5 | 80 | +1 | 8·0 | 10 | +1·0 | 8·53 | +1·35 | 4·10 |
| Calingapatam | 29·650 | .. | N 58° W | 3·9 | 81·5 | 78·3 | 90·3 | .. | 77·7 | .. | 93·7 | 74·2 | 86 | .. | 6·0 | 12 | +3·2 | 8·06 | —0·87 | 1·84 |
| Gopalpur | 29·617 | —·015 | N 43° W | 6·3 | 81·9 | 80·3 | 87·9 | —0·3 | 77·6 | —0·8 | 92·5 | 74·6 | 93 | +8 | 5·2 | 14 | +4·2 | 14·39 | +6·53 | 3·62 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser | 29·661 | .. | S 1° W | .. | 83·4 | 80·0 | .. | .. | .. | .. | .. | .. | 85 | .. | 4·7 | 11 | +2·5 | 5·77 | +0·97 | 1·57 |
| Port Blair | 29·731 | —·018 | S 80° W | 8·8 | 79·0 | 76·7 | 83·8 | —1·1 | 75·2 | —1·4 | 87·0 | 72·1 | 89 | —1 | 7·6 | 19 | —1·2 | 22·38 | +40·29 | 3·44 |
| Table Island | 29·672 | —·005 | S 53° W | 14·8 | 80·0 | 78·1 | 82·9 | —1·6 | 76·7 | —0·1 | 89·8 | 73·3 | 92 | +2 | 7·1 | 20 | +4·2 | 11·66 | —0·27 | 1·82 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | 27·335 | .. | S 45° W | 1·2 | 72·3 | 67·7 | 89·7 | .. | 67·0 | .. | 98·8 | 57·5 | 79 | .. | 3·2 | 13 | +8·8 | 10·95 | +8·31 | 1·62 |
| Srinagar | 24·779 | —·034 | S 10° E | 1·7 | 66·0 | 60·5 | 81·7 | +2·3 | 55·4 | +1·4 | 88·8 | 45·9 | 72 | —14 | 2·6 | 3 | —0·7 | 1·23 | —0·44 | 0·44 |
| Gulmarg | 21·831 | —·013 | N 16° W | 2·9 | 56·1 | 51·4 | 64·6 | +1·4 | 43·4 | +0·4 | 72·1 | 34·3 | 74 | —5 | 4·2 | 4 | —1·1 | 1·69 | —1·16 | 0·50 |
| Dras | 20·762 | —·017 | S 77° W | 6·5 | 52·5 | 46·5 | 69·5 | —0·9 | 42·9 | +3·4 | 78·3 | 35·7 | 67 | +4 | 3·3 | 0 | —1·8 | 0·03 | —1·02 | 0·02 |
| Leh | 19·687 | —·020 | S 24° W | 1·2 | 53·3 | 43·8 | 70·3 | 0 | 44·8 | +3·2 | 77·1 | 36·0 | 50 | 0 | 3·9 | 0 | —0·7 | 0 | —0·20 | 0 |
| Skardu | 22·764 | —·050 | S 34° E | 4·9 | 61·7 | 51·1 | 79·7 | +2·2 | 55·3 | +1·5 | 90·2 | 42·2 | 51 | —10 | 2·8 | 0 | —1·3 | 0·11 | —0·74 | 0·07 |
| Gilgit | 25·006 | —·024 | S 45° W | 0·6 | 71·2 | 63·1 | 87·1 | 0 | 62·4 | —1·9 | 95·4 | 54·2 | 63 | +14 | 2·1 | 0 | —1·1 | 0·16 | —0·18 | 0·06 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·299 | .. | N 11° E | 2·8 | 72·0 | 62·7 | 94·7 | .. | 68·2 | .. | 100·1 | 59·0 | 58 | .. | 0·3 | 2 | +1·7 | 0·94 | +0·83 | 0·50 |
| Quetta | 24·543 | —·024 | S 24° E | 1·4 | 57·6 | 50·3 | 88·9 | +3·2 | 51·7 | +2·5 | 98·3 | 42·7 | 59 | +12 | 0·3 | 0 | —0·2 | 0 | —0·07 | 0 |
| Chaman | 25·545 | —·059 | S 75° E | 5·0 | 70·5 | 54·5 | 91·5 | +2·7 | 63·5 | +3·3 | 96·7 | 58·2 | 33 | +3 | 0·3 | 0 | 0 | 0 | 0 | 0 |
| Kalat | 23·657 | .. | S 6° W | 3·7 | 55·9 | 45·4 | 85·8 | +0·4 | .. | .. | 91·0 | .. | 44 | +4 | 0·6 | 0 | 0 | 0 | —0·02 | 0 |
| Dalbandin | 26·955 | .. | N 45° W | 3·7 | 70·6 | 52·0 | 100·2 | .. | 61·6 | .. | 105·9 | 54·5 | 22 | .. | 0·1 | 0 | 0 | 0 | 0 | 0 |
| Pasni | .. | .. | N 70° W | 8·1 | 78·4 | 75·6 | 92·6 | .. | 73·8 | .. | 103·3 | 70·1 | 88 | .. | 5·7 | 0 | 0 | 0 | —0·01 | 0 |
| Panjgur | 26·577 | .. | N 55° E | 3·6 | 73·3 | 59·5 | 96·1 | .. | 68·0 | .. | 101·8 | 58·6 | 45 | .. | 0·8 | 0 | .. | 0 | .. | 0 |
| Seistan (*c*) | 27·954 | .. | N 38° W | 13·6 | 72·1 | 55·6 | 95·4 | .. | 68·4 | .. | 103·0 | 53·2 | 32 | .. | 0·1 | 0 | .. | 0 | .. | 0 |
| **Hill stations, excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachinar | 24·359 | —·011 | Calm. | 0·3 | 69·4 | 59·8 | 81·1 | —0·5 | 59·7 | +0·8 | 86·4 | 50·1 | 58 | +7 | 0·7 | 9 | +4·8 | 2·32 | +0·32 | 0·52 |
| Cherat | 25·607 | —·004 | N 9° E | 2·0 | 71·3 | 65·2 | 81·3 | —3·7 | 67·3 | +1·6 | 90·6 | 51·4 | 72 | +12 | 0·1 | 1 | —1·9 | 0·10 | —2·13 | 0·10 |
| Drosh (*c*) | 24·893 | .. | Calm. | 3·5 | 69·7 | 60·4 | 89·5 | +0·8 | .. | +2·9 | 99·1 | 56·0 | 58 | +6 | 0·4 | 0 | —1·8 | 0·13 | 0·53 | 0·07 |

(*c*) Aneroid.

# TABLE B.—SEPTEMBER 1921—*concld.*

*Abstract of 8 hrs. observations.*

| Station. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill stations, excluding Kashmir and Baluchistan** —*contd.* | | | | | | | | | | | | | | | | | | | | |
| Murree | 23·925 | —·023 | N 50° W | 3·9* | 62·0 | 58·4 | 69·9 | —3·4 | 57·5 | —1·0 | 75·5 | 45·2 | 81 | +15 | 2·4 | 11 | +4·1 | 7·06 | +1·41 | 1·74 |
| Simla | 23·054 | 0 | .. | .. | 59·4 | 57·0 | 63·2 | —2·9 | 56·1 | —0·5 | 67·9 | 48·9 | 87 | +10 | 6·0 | 15 | +6·4 | 10·24 | +4·20 | 1·73 |
| Sarain | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kalabagh | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chakrata | 23·336 | ? | N 74° E | 7·1 | 61·6 | 59·2 | 69·2 | +0·4 | 57·3 | +0·2 | 73·4 | 51·8 | 88 | +4 | 6·9 | 14 | +5·9 | 8·28 | +1·50 | 2·88 |
| Mukteswar | 22·777 | —·022 | S 26° E | 6·2 | 58·2 | 56·3 | 64·8 | —4·3 | 51·5 | —3·9 | 71·2 | 46·8 | 90 | +7 | 6·7 | 18 | +8·8 | 8·76 | +1·27 | 1·29 |
| Darjiling | 22·911 | —·002 | S 75° W* | 1·6 | 59·7 | 58·2 | 66·4 | +1·5 | 56·5 | +0·8 | 73·3 | 52·6 | 92 | —2 | 9·2 | 15 | —1·7 | 14·65 | —3·54 | 5·10 |
| Kalimpong | 25·933 | .. | .. | .. | 67·9 | 66·9 | 74·7 | .. | 65·1 | .. | 83·6 | 61·2 | 95 | .. | 7·2 | ? | .. | ? | .. | ? |
| Shillong | 25·097 | +·065 | E | 1·3 | 67·5 | 64·6 | 73·8 | —1·1 | 61·4 | —0·6 | 80·1 | 56·7 | 86 | +1 | 7·4 | 15 | —2·4 | 7·95 | —2·53 | 1·11 |
| Cherrapunji | 25·597 | +·001 | S 45° W | 2·2 | 68·2 | 65·4 | 74·6 | +0·8 | 66·1 | +1·4 | 81·3 | 61·3 | 87 | —4 | 6·8 | 15 | —3·8 | 35·92 | +0·98 | 13·90 |
| Netarhat | .. | .. | S 56° W | 7·6 | 69·9 | 68·5 | 77·9 | .. | 66·8 | .. | 82·0 | 62·2 | 93 | .. | 6·9 | 17 | .. | 7·95 | .. | 1·35 |
| Maymyo | 26·323 | —·003 | S 26° W | 1·5 | 69·0 | 57·8 | 76·8 | —0·5 | 66·1 | +1·7 | 82·2 | 63·0 | 94 | +4 | 8·6 | 21 | +5·7 | 11·98 | +0·62 | 2·03 |
| Pachmarhi | 26·270 | —·045 | N 89° W | 5·8 | 68·5 | 67·3 | 75·1 | —2·1 | 66·0 | —0·3 | 80·0 | 61·1 | 95 | +11 | 8·4 | 18 | +4·8 | 18·31 | +4·23 | 5·80 |
| Mount Abu | 25·905 | —·028 | S 85° W | 5·8 | 66·8 | 65·0 | 71·7 | —3·4 | 64·3 | —0·3 | 77·8 | 59·8 | 92 | +13 | 8·1 | 15 | +7·6 | 23·46 | +14·97 | 7·28 |
| Mercara | 26·155 | +·013 | N 87° W | 5·8 | 63·8 | 62·5 | 70·1 | —1·7 | 61·1 | —0·7 | 75·6 | 59·0 | 93 | 0 | 9·5 | 22 | +4·2 | 15·82 | +5·26 | 3·14 |
| Ootacamund | 22·987 | +·022 | N 81° W | 5·1 | 56·7 | 54·0 | 63·5 | —0·1 | 50·4 | —0·7 | 70·2 | 45·8 | 85 | +2 | 8·0 | 8 | —4·1 | 3·19 | —2·58 | 0·58 |
| Kodaikanal | 22·744 | —·003 | N 76° W | 8·8 | 56·4 | 51·8 | 63·7 | +0·6 | 51·1 | —1·1 | 66·3 | 49·4 | 75 | —3 | 6·1 | 11 | —1·4 | 4·25 | —2·48 | 0·64 |
| **Extra India** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee | 29·717 | +·017 | S 54° W | 7·9 | 79·3 | 74·6 | 93·1 | +2·6 | 76·8 | +0·2 | 100·7 | 71·8 | 79 | —2 | 6·7 | 6 | —0·1 | 3·10 | —1·55 | 0·86 |
| Colombo | 29·854 | +·011 | S 71° W | 4·8 | 79·5 | 75·4 | 87·1 | +0·8 | 77·7 | +0·6 | 88·8 | 75·2 | 82 | 0 | 7·4 | 3 | —5·2 | 1·14 | —3·43 | 0·51 |
| Hambantota | 29·784 | .. | S 78° W | 11·3 | 77·6 | 75·2 | 88·4 | +1·4 | 76·5 | +1·3 | 92·9 | 74·8 | 88 | .. | 5·6 | 5 | —4·9 | 1·20 | —1·02 | 0·44 |
| Minicoy | 29·899 | +·027 | N 49° W | 4·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·6 | 9 | —0·9 | 2·13 | —4·02 | 0·74 |
| Amini Divi | 29·859 | +·002 | N 54° W | 11·6 | 81·7 | 76·5 | 86·4 | +1·1 | 77·1 | 0 | 90·0 | 73·9 | 78 | —3 | 4·7 | 8 | —2·4 | 2·38 | —3·39 | 0·67 |
| Gyantse | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pharijong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gangtok | 24·171 | —·230 | N 60° E* | 0·9* | 63·9 | 62·0 | 71·8 | —2·1 | 61·2 | +7·6 | 81·1 | 57·0 | 91 | 0 | 7·5 | 27 | +6·1 | 14·13 | —3·82 | 1·80 |
| Gartok (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgar (c) | 25·511 | —·099 | N 14° W | 0·6 | 61·7 | 56·7 | 82·1 | —1·0 | 54·9 | —2·4 | 94·8 | 49·3 | 75 | +21 | 5·5 | 2 | +1·3 | 0·66 | +0·38 | 0·52 |
| Kabul (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed | .. | .. | S 62° E | 1·4 | 58·4 | 49·7 | 84·8 | +3·9 | 48·8 | —3·0 | 94·9 | 41·5 | 54 | +5 | 0·3 | 0 | —0·1 | 0 | —0·01 | 0 |
| Jask | 29·652 | —·047 | N 74° E | 10·9 | 83·8 | 77·7 | 95·4 | +2·4 | 74·4 | —6·7 | 106·5 | 70·4 | 76 | +2 | 1·1 | 0 | 0 | 0 | 0 | 0 |
| Muscat | 29·682 | —·012 | N 38° E | 5·4 | 85·9 | 80·4 | 94·4 | +5·3 | 83·0 | —0·1 | 102·1 | 77·7 | 79 | +4 | 1·2 | 0 | 0 | 0 | 0 | 0 |
| Bushire | 29·644 | —·042 | N 17° E | 5·5 | 86·2 | 77·6 | 94·2 | +0·2 | 80·5 | +1·3 | 100·5 | 70·5 | 67 | 0 | 0·5 | 0 | 0 | 0 | 0 | 0 |
| Busrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kerman (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (c) | 24·197 | —·148 | S 80° W | 0·7 | 64·4 | 54·3 | 89·4 | —0·4 | 57·9 | +2·0 | 94·4 | 49·2 | 53 | +1 | 0·1 | 0 | —0·1 | 0 | —0·04 | 0 |
| Tehran (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Baghdad | 29·604 | —·026 | N 30° W | 3·4 | 76·3 | 57·5 | 104·7 | +1·4 | 73·0 | +0·5 | 116·6 | 60·5 | 25 | —19 | 0·9 | 0 | 0 | 0 | 0 | 0 |
| Aden | 29·642 | —·026 | S 65° E | 5·2 | 85·4 | 79·3 | 93·1 | —0·4 | 83·3 | +0·7 | 96·6 | 81·1 | 76 | +1 | 4·6 | 0 | —0·2 | 0 | —0·15 | 0 |
| Zanzibar | 30·012 | +·019 | S 9° W | 3·6 | 76·8 | 72·2 | 82·9 | +0·6 | 73·7 | +0·1 | 86·1 | 72·0 | 79 | —4 | 6·6 | 1 | —4·1 | 0·32 | —1·87 | 0·16 |

* Mean of 19 days. † Mean of 20 days. (c) Aneroid.

# TABLE B.—OCTOBER 1921.

*Abstract of 8 hrs. observations.*

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | Mean cloud amount at 8 hrs. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria point | 29·729 | .. | N 51° E | 5·5 | 78·2 | 75·4 | 83·9 | .. | 75·0 | .. | 89·6 | 73·2 | 87 | .. | 6·8 | 14 | —3·0 | 7·80 | —11·07 | 1·80 |
| Mergui | 29·824 | +·020 | S 21° E | 3·8 | 77·6 | 75·5 | 86·3 | —0·6 | 73·7 | +1·0 | 90·1 | 71·3 | 90 | +1 | 3·5 | 8 | —8·4 | 3·91 | —8·27 | 1·33 |
| Tavoy | 29·871 | +·014 | N 56° E | 1·6 | 79·6 | 76·2 | 89·0 | +1·3 | 73·9 | +0·2 | 91·5 | 67·2 | 85 | —4 | 6·0 | 4 | —8·7 | 2·72 | —7·82 | 1·45 |
| Moulmein | 29·837 | +·040 | N 72° E | 1·7 | 79·4 | 75·9 | 85·1 | —2·8 | 74·6 | —0·3 | 89·9 | 71·1 | 85 | —3 | 5·2 | 11 | —0·2 | 6·62 | —2·00 | 1·57 |
| Amherst | .. | .. | N 88° E | 4·3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rangoon | 29·891 | +·044 | N 32° E | 2·6 | 79·7 | 76·7 | 88·8 | +1·3 | 76·5 | +0·7 | 91·2 | 72·7 | 87 | —3 | 7·8 | 7 | —3·0 | 3·90 | —3·09 | 1·06 |
| Bassein | 29·879 | +·044 | S 79° E | 2·8 | 79·9 | 77·1 | 88·1 | +0·8 | 73·5 | —2·1 | 90·6 | 68·1 | 88 | —5 | 5·0 | 9 | —3·4 | 9·98 | +1·78 | 5·22 |
| Diamond Island | 29·840 | +·027 | N 72° E | 4·7 | 82·0 | 78·8 | 84·7 | —1·5 | 77·3 | +0·2 | 88·4 | 72·2 | 86 | +3 | 6·5 | 7 | —3·8 | 5·69 | —2·66 | 1·77 |
| Toungoo | 29·747 | +·040 | N 50° E | 1·5 | 78·2 | 75·4 | 90·2 | +0·3 | 73·8 | —0·8 | 92·5 | 71·1 | 87 | —2 | 5·3 | 6 | —4·2 | 6·21 | —1·21 | 2·52 |
| Kyaukpyu | 29·872 | .. | S 79° E | 0·1 | 79·8 | 76·7 | 86·1 | .. | 76·2 | .. | 89·7 | 69·4 | 86 | .. | 6·1 | 11 | —0·4 | 9·41 | +0·50 | 2·70 |
| Akyab | 29·864 | +·028 | N 72° E | 1·7 | 77·3 | 75·0 | 84·5 | —3·0 | 74·3 | —2·3 | 89·0 | 69·8 | 89 | —2 | 6·9 | 9 | —0·2 | 23·71 | +13·10 | 9·72 |
| Minbu | 29·744 | +·044 | N 52° W | 1·9 | 78·5 | 74·1 | 89·0 | —1·5 | 71·5 | —3·7 | 95·5 | 66·1 | 81 | —3 | 4·6 | 6 | —0·5 | 2·78 | —1·82 | 1·04 |
| Yamethin | 29·260 | +·041 | .. | .. | 77·7 | 75·0 | 88·1 | —2·9 | 73·6 | —0·4 | 92·4 | 70·6 | 88 | +1 | 4·7 | 8 | —0·1 | 3·72 | —2·17 | 1·63 |
| Mandalay | 29·676 | +·061 | Calm. | 2·3 | 78·1 | 74·3 | 87·8 | —4·0 | 73·2 | —1·6 | 94·4 | 67·7 | 83 | 0 | 5·7 | 12 | +5·6 | 9·47 | +4·73 | 2·28 |
| Monywa | 29·658 | +·073 | N 9° W | 1·9 | 76·3 | 73·4 | 86·5 | —3·8 | 72·2 | —3·2 | 91·6 | 66·7 | 87 | —2 | 6·4 | 8 | +1·8 | 8·83 | +4·43 | 3·75 |
| Lashio | 27·150 | +·039 | N 23° W | 1·3 | 66·4 | 65·2 | 78·0 | —4·9 | 63·1 | —0·7 | 84·2 | 56·1 | 94 | +1 | 7·4 | 14 | +4·2 | 13·30 | +7·61 | 3·23 |
| Bhamo | 29·565 | +·060 | N 45° E | 0·3 | 71·7 | 70·3 | 83·0 | —4·8 | 68·4 | —1·4 | 89·4 | 61·8 | 93 | +4 | 6·2 | 12 | +5·7 | 8·21 | +3·90 | 1·60 |
| Myitkyina | 29·450 | +·064 | N 31° E | 1·8 | 70·7 | 68·7 | 81·1 | —5·1 | 67·2 | —3·4 | 87·2 | 59·4 | 90 | +1 | 4·6 | 12 | +3·6 | 10·02 | +2·60 | 3·56 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·585 | +·055 | S 78° E | 0·6 | 71·2 | 69·4 | 80·8 | —3·7 | 68·0 | —1·5 | 87·3 | 63·9 | 91 | +2 | 5·7 | 15 | +6·7 | 9·10 | +3·34 | 2·05 |
| Sibsagar | 29·612 | +·043 | N 45° E | 0·7 | 71·4 | 70·5 | 80·1 | —4·3 | 69·4 | —1·2 | 87·2 | 62·7 | 96 | 0 | 9·4 | 13 | +5·4 | 3·92 | —1·20 | 0·60 |
| Tezpur | 29·694 | +·071 | N 87° E | 0·9 | 71·9 | 70·0 | 84·2 | —1·9 | 70·8 | —0·3 | 89·8 | 65·7 | 91 | +2 | 4·8 | 7 | +1·0 | 2·49 | —1·50 | 0·77 |
| Gauhati | 29·739 | +·046 | N 77° E | 0·9 | 74·5 | 71·8 | 84·8 | —2·5 | 69·1 | —1·4 | 89·6 | 59·7 | 87 | —2 | 4·9 | 3 | —0·6 | 2·45 | —0·08 | 1·78 |
| Dhubri | 29·825 | +·063 | N 81° E | 4·7 | 73·7 | 70·8 | 82·0 | —2·9 | 71·0 | —1·7 | 86·9 | 65·0 | 86 | —2 | 1·9 | 4 | —0·3 | 3·20 | —0·75 | 0·89 |
| Silchar | 29·845 | +·067 | N 69° E | 0·7 | 76·7 | 73·4 | 84·7 | —4·0 | 69·9 | —2·4 | 90·3 | 61·6 | 85 | —4 | 4·8 | 11 | +3·4 | 6·04 | —0·53 | 2·05 |
| Srimangal | 29·863 | .. | .. | .. | 71·2 | 70·3 | 86·3 | —2·9 | 66·5 | —4·1? | 91·2 | 56·7 | 94 | +8 | 3·6 | 9 | +0·5 | 7·84 | +0·92 | 1·37 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·860 | .. | N 69° E | 1·3 | 77·6 | 75·2 | 84·6 | .. | 72·0 | .. | 89·1 | 65·8 | 89 | .. | 4·4 | 11 | +2·4 | 22·88 | +14·65 | 8·05 |
| Chittagong | 29·828 | +·057 | N 80° E | 0·8 | 74·6 | 73·2 | 83·7 | —2·9 | 70·8 | —2·5 | 88·8 | 62·8 | 93 | +4 | 6·0 | 10 | +3·0 | 18·87 | +11·97 | 4·80 |
| Noakhali | 29·878 | +·065 | N 61° E | (a) 1·5 | 76·3 | 74·2 | 84·1 | —2·1 | 72·6 | —0·9 | 88·3 | 66·8 | 91 | +3 | 4·3 | 12 | +4·6 | 9·22 | +0·91 | 3·92 |
| Barisal | 29·886 | +·052 | S 87° E | 1·8 | 78·7 | 75·2 | 84·4 | —3·2 | 73·5 | —1·1 | 88·7 | 69·1 | 84 | 0 | 4·6 | 6 | —0·5 | 4·59 | —1·38 | 1·80 |
| Narayanganj | 29·893 | +·058 | S 7° W | 1·0 | 79·0 | 74·7 | 85·3 | —2·6 | 73·9 | —1·4 | 88·5 | 66·6 | 81 | —4 | 4·8 | 6 | +0·4 | 2·29 | —2·55 | 0·75 |
| Mymensingh | 29·860 | +·058 | Calm. | 0·3 | 76·1 | 72·7 | 84·5 | —2·2 | 71·9 | —1·7 | 88·3 | 61·9 | 84 | —3 | 4·6 | 8 | +2·6 | 6·76 | +1·52 | 1·80 |
| Bogra | 29·844 | +·054 | N 65° E | 1·1 | 76·1 | 74·2 | 85·7 | —1·6 | 71·1 | —1·7 | 90·8 | 60·9 | 91 | +7 | 3·9 | 4 | —0·9 | 1·70 | —2·69 | 0·76 |
| Dinajpur | 29·788 | +·047 | N 89° E | 1·4 | 75·7 | 72·1 | 85·7 | —1·8 | 69·5 | —2·2 | 90·8 | 60·0 | 83 | —2 | 2·2 | 5 | +1·1 | 2·77 | —0·54 | 1·20 |
| Jalpaiguri | 29·639 | +·051 | N 16° E | 4·0 | 72·1 | 70·2 | 85·0 | —1·4 | 69·3 | —0·8 | 89·3 | 62·0 | 91 | +4 | 0·9 | 8 | +3·4 | 5·15 | +0·48 | 1·70 |
| Saugor Island | 29·890 | +·055 | N 33° E | 4·7 | 78·9 | 75·1 | 84·6 | —2·5 | 74·5 | —1·7 | 88·4 | 67·7 | 83 | —2 | 5·1 | 7 | —0·4 | 4·99 | —2·55 | 1·39 |
| Midnapore | 29·754 | +·052 | N 18° E | 1·0 | 77·0 | 72·2 | 86·7 | —2·7 | 72·0 | —1·2 | 92·0 | 61·8 | 78 | —1 | 5·2 | 5 | —0·2 | 3·22 | —0·09 | 2·00 |
| Calcutta | 29·883 | +·049 | N 11° E | 1·8 | 77·1 | 73·9 | 86·5 | —0·7 | 73·4 | —0·9 | 91·1 | 63·3 | 86 | +2 | 4·6 | 0 | —5·9 | 0·29 | —3·59 | 0·09 |
| Jessore | 29·886 | +·061 | S 45° E | 0·8 | 78·9 | 74·8 | 86·8 | —1·6 | 72·8 | —1·5 | 95·0 | 64·8 | 82 | —3 | 3·6 | 4 | —1·5 | 1·93 | —2·70 | 0·86 |

(a) Mean of 30 days.

# TABLE B.—OCTOBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **III.—Bengal—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Burdwan | 29·804 | +·041 | N 67° W | 0·6 | 77·4 | 73·6 | 87·5 | —1·5 | 73·0 | —1·5 | 92·4 | 63·0 | 83 | +2 | 4·0 | 2 | —2·1 | 1·67 | —1·30 | 1·16 |
| Asansol | (a) 29·485 | .. | .. | .. | 75·7 | 71·2 | 88·3 | .. | 68·0 | .. | 94·2 | 57·9 | 79 | .. | 1·8 | 3 | —0·4 | 3·53 | +1·28 | 3·05 |
| Berhampore | 29·854 | +·062 | S 24° E | 1·5 | 78·0 | 74·2 | 86·3 | —1·5 | 72·9 | —1·4 | 90·8 | 63·7 | 83 | —2 | 4·4 | 2 | —2·4 | 1·53 | —2·02 | 0·86 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·849 | +·051 | N 16° W | 0·9 | 76·6 | 73·6 | 87·6 | —0·8 | 71·9 | —1·3 | 93·3 | 64·8 | 86 | +3 | 5·0 | 8 | +2·4 | 5·87 | +0·56 | 3·16 |
| Hukitala (Flase Point) | 29·864 | +·045 | N 7° W | 5·9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4·3 | 9 | +1·9 | 15·20 | +7·37 | 5·37 |
| Cuttack | 29·814 | +·045 | N 18° E | 0·8 | 77·4 | 74·0 | 88·2 | —1·9 | 72·0 | —2·6 | 92·5 | 66·2 | 84 | +4 | 4·7 | 4 | —1·8 | 1·51 | —3·46 | 0·58 |
| Puri | 29·881 | +·058 | N 12° E | 5·3 | 79·6 | 76·0 | 86·4 | —2·6 | 76·6 | —0·2 | 90·6 | 71·1 | 84 | +3 | 3·9 | 6 | —0·9 | 5·13 | —1·48 | 2·48 |
| Angul | (a) 29·437 | +·050 | N 43° W | 2·8 | 76·2 | 72·7 | 86·8 | —2·3 | 70·2 | —0·7 | 90·8 | 60·4 | 82 | +3 | 5·1 | 4 | —0·7 | 2·87 | —0·64 | 1·70 |
| Sambalpur | 29·395 | +·021 | N 34° E | (b) 1·5 | 75·2 | 71·3 | 88·5 | —0·3 | 67·0 | —4·6? | 91·0 | 54·5 | 81 | +4 | 1·6 | 1 | —2·3 | 0·21 | —1·56 | 0·17 |
| Chaibasa | 29·156 | +·045 | S 60° E | 1·3 | 73·8 | 70·0 | 87·3 | —1·1 | 68·1 | —1·8 | 92·0 | 57·8 | 82 | 0 | 2·9 | 2 | —1·8 | 1·37 | —1·41 | 1·02 |
| Ranchi | 27·767 | +·046 | N 47° W | 2·0 | 71·8 | 65·8 | 81·9 | —1·4 | 64·5 | —1·8 | 85·7 | 55·8 | 72 | +2 | 2·5 | 2 | —1·9 | 3·33 | +0·99 | 2·90 |
| Purulia | 29·095 | +·064 | N 72° W | 0·5 | 75·5 | 69·9 | 88·6 | —0·4 | 68·7 | —1·5 | 92·9 | 59·5 | 74 | —4 | 4·3 | 4 | +0·5 | 3·58 | +0·82 | 2·00 |
| Daltonganj | 29·180 | +·053 | S 74° E | 2·0 | 69·6 | 66·0 | 89·3 | —0·1 | 63·9 | —1·7 | 93·5 | 50·2 | 82 | +2 | 2·1 | 0 | —2·9 | 0·01 | —1·52 | 0·01 |
| Purnea | 29·789 | +·045 | N 66° E | 1·0 | 74·7 | 72·2 | 85·9 | —1·7 | 68·7 | —2·4 | 92·8 | 51·8 | 88 | 0 | 1·4 | 3 | —0·2 | 3·52 | +0·69 | 1·55 |
| Monghyr | (a) 29·743 | .. | S 37° E | 2·4 | 77·3 | 71·7 | 87·0 | .. | 71·3 | .. | 92·2 | 63·4 | 76 | .. | 2·5 | 2 | 0 | 0·90 | +0·05 | 0·48 |
| Darbhanga | 29·751 | +·057 | E | 1·4 | 76·8 | 72·1 | 86·4 | —0·7 | 70·4 | —2·3 | 91·8 | 59·1 | 79 | —4 | 1·5 | 3 | +0·2 | 1·64 | —0·88 | 0·61 |
| Pusa | 29·720 | .. | S 48° E | 1·4 | 75·4 | 72·4 | 87·7 | .. | 68·6 | .. | 92·7 | 57·3 | 86 | .. | 1·3 | 2 | —0·5 | 1·10 | —0·26 | 2·55 |
| Patna | 29·724 | +·059 | S 56° E | 1·8 | 79·3 | 72·7 | 87·1 | —1·4 | 71·1 | —1·4 | 91·6 | 59·5 | 72 | —2 | 0·9 | 4 | +0·9 | 2·40 | —0·22 | 1·16 |
| Buxar | 29·664 | +·051 | S 27° W | 2·3 | 75·1 | 70·7 | 88·6 | —1·5 | 70·2 | —0·4 | 94·0 | 58·9 | 79 | +7 | 1·5 | 2 | —0·7 | 0·81 | —1·94 | 0·67 |
| Gaya | 29·545 | +·062 | S 50° W | 1·5 | 78·6 | 70·7 | 88·7 | —1·2 | 70·4 | —0·6 | 93·6 | 60·5 | 66 | —7? | 1·2 | 1 | —1·7 | 0·18 | —1·79 | 0·15 |
| Naya Dumka | 29·406 | +·043 | N 45° W | 0·7 | 77·1 | 71·2 | 86·7 | —1·3 | 68·5 | —2·2 | 91·4 | 57·1 | 74 | —4 | 2·2 | 3 | —1·0 | 1·96 | —1·26 | 0·92 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·655 | +·059 | N 79° E | 0·9 | 75·8 | 70·7 | 86·4 | —2·3 | 67·7 | —1·9 | 90·8 | 56·0 | 76 | —1 | 1·2 | 2 | —0·5 | 1·02 | —2·79 | 0·67 |
| Benares | 29·643 | +·055 | S 89° W | 1·5 | 77·6 | 70·1 | 90·4 | +0·1 | 66·3 | —1·4 | 94·8 | 54·7 | 67 | —7 | 0·5 | 0 | —2·4 | 0·10 | —2·41 | 0·08 |
| Allahabad | 29·622 | +·076 | S 81° W | 1·0 | 75·7 | 68·7 | 91·1 | +0·3 | 66·4 | —0·9 | 94·8 | 55·3 | 68 | 0 | 0·4 | 1 | —0·9 | 0·27 | —2·19 | 0·27 |
| Cawnpore | 29·489 | +·054 | N 75° W | 1·2 | 73·7 | 67·2 | 89·3 | —1·2 | 66·8 | —0·1 | 94·5 | 57·0 | 70 | —5 | 0·2 | 0 | —1·4 | 0 | —1·25 | 0 |
| Lucknow | 29·535 | +·052 | E | 1·0 | 73·0 | 67·3 | 91·4 | + 0·2 | 65·9 | +0·3 | 95·2 | 55·2 | 73 | +3 | 0·3 | 0 | —1·6 | 0 | —1·15 | 0 |
| Bahraich | 29·495 | +·056 | S 36° E | 1·4 | 73·8 | 67·4 | 88·1 | —2·5 | 66·7 | —1·2 | 92·9 | 55·2 | 70 | —6 | 0·8 | 0 | —1·6 | 0·07 | —1·46 | 0·07 |
| Jhansi | 29·081 | +·032 | S 36° W | 2·2 | 75·8 | 65·9 | 92·9 | —0·2 | 66·3 | —3·5 | 97·4 | 55·3 | 57 | +1 | 0·6 | 0 | —1·0 | 0·05 | —0·68 | 0·05 |
| Agra | 29·341 | +·038 | S 17° W | 1·5 | 77·7 | 67·2 | 92·0 | —1·4 | 68·1 | +0·1 | 98·4 | 58·6 | 56 | —1 | 1·0 | 0 | —0·8 | 0 | —0·78 | 0 |
| Mainpuri | 29·379 | +·046 | N 89° W | 0·8 | 71·6 | 65·8 | 88·3 | —4·6 | 64·3 | —0·6 | 92·3 | 54·0 | 72 | +7 | 0·3 | 0 | —1·0 | 0 | —1·28 | 0 |
| Bareilly | 29·311 | +·033 | N 56° E | 0·1 | 71·6 | 67·1 | 84·0 | —5·5 | 65·4 | +0·4 | 89·0 | 55·2 | 78 | +2 | 0·8 | 1 | +0·2 | 0·35 | —0·87 | 0·35 |
| Roorkee | 28·994 | +·044 | S 45° E | 0·5 | 67·6 | 63·9 | 83·6 | —5·4 | 61·2 | +0·2 | 89·2 | 51·2 | 81 | +6 | 0·9 | 2 | +1·3 | 1·28 | +0·74 | 0·75 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 29·172 | +·040 | S 81° W | 1·1 | 71·9 | 64·0 | 86·6 | —5·2 | .. | .. | 95·4 | .. | 64 | +12? | 1·2 | 2 | +1·5 | 0·64 | +0·34 | 0·41 |
| Hissar | 29·177 | +·053 | S 33° W | 4·3 | 71·7 | 63·0 | 91·5 | —4·5 | 63·9 | +0·7 | 100·4 | 54·5 | 60 | +8 | 0·8 | 3 | +2·5 | 2·21 | +2·08 | 1·26 |
| Patiala | 29·056 | +·023 | S 45° E | 2·5 | 70·9 | 64·9 | 88·3 | —3·2 | 63·0 | +0·5 | 96·5 | 52·1 | 72 | +8 | 0·7 | 2 | +1·3 | 1·53 | +1·25 | 1·09 |
| Ambala | 28·995 | +·043 | N 87° E | 2·5 | 70·5 | 63·4 | 88·5 | —3·7 | 63·0 | +2·2 | 96·1 | 51·2 | 66 | —3 | 0·6 | 2 | +1·5 | 2·38 | +2·13 | 18 |
| Ludhiana | 29·068 | +·032 | S 42° E | 1·6 | 68·5 | 62·5 | 90·5 | —1·3 | 63·5 | 0 | 99·1 | 53·0 | 70 | +9 | 0·5 | 2 | +1·4 | 0·45 | +0·10 | 0·35 |

(a) Mean of 30 days. (b) Mean of 29 days.

# TABLE B.—OCTOBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI.—Punjab—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Lahore | 29·170 | +·028 | S 51° E | 1·2 | 70·3 | 64·0 | 90·1 | —4·8 | 63·8 | +3·5 | 99·7 | 54·3 | 70 | +9 | 0·7 | 2 | +1·5 | 0·41 | +0·17 | 0·25 |
| Sialkot | 29·055 | +·035 | N 60° E | 1·0 | 70·7 | 64·0 | 86·2 | —6·3? | 61·5 | —1·0 | 93·7 | 49·5 | 68 | +8 | 0·9 | 1 | +0·3 | 1·40 | +1·15 | 1·32 |
| Rawalpindi | 28·219 | +·020 | N 24° E | 1·7 | 66·3 | 59·3 | 83·5 | —5·1 | 59·5 | +3·0 | 93·2 | 49·5 | 65 | +7 | 1·4 | 2 | +0·8 | 2·88 | +2·35 | 1·70 |
| Khushab | 29·289 | +·043? | N 56° E | 3·1 | 73·0 | 64·9 | 89·8 | —4·3 | 61·6 | —1·9 | 98·2 | 49·2 | 62 | +16 | 1·0 | 1 | +0·6 | 0·12 | 0 | 0·12 |
| Lyallpur | 29·263 | .. | S 44° E | 1·6 | 70·9 | 63·4 | 90·5 | .. | 63·5 | .. | 99·1 | 53·4 | 65 | .. | 1·0 | 1 | +0·7 | 0·22 | +0·04 | 0·22 |
| Montgomery | 29·307 | +·016 | S 28° E | .. | 72·9 | 64·4 | 90·9 | —5·4 | 64·7 | +1·7 | 100·0 | 56·1 | 62 | +19 | 0·7 | 2 | +1·7 | 1·18 | +1·11 | 0·90 |
| Multan | 29·437 | +·022 | S 45° E | 1·1 | 72·8 | 65·7 | 92·8 | —3·1 | 68·8 | +3·7 | 101·3 | 61·8 | 67 | +11 | 1·2 | 1 | +0·9 | 1·15 | +1·12 | 1·15 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·800 | +·023 | Calm. | 0 | 65·3 | 59·7 | 87·1 | —1·1 | 59·4 | +1·5 | 97·0 | 50·1 | 71 | +12 | 1·1 | 1 | +0·5 | 0·26 | +0·08 | 0·15 |
| Dera Ismail Khan | 29·310 | +·034 | N | 0·6 | 72·4 | 66·2 | 88·6 | —5·2 | 65·8 | +4·7 | 98·5 | 55·6 | 71 | +12 | 1·8 | 2 | +1·8 | 1·23 | +1·13 | 1·12 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·697 | +·030 | S 62° E | 1·7 | 77·2 | 69·0 | 93·5 | —5·7 | 67·0 | +3·8 | 100·1 | 55·4 | 64 | +8 | 0 | 0 | —0·1 | 0 | —0·05 | 0 |
| Hyderabad | 29·801 | +·040 | S 54° W | 1·6 | 76·8 | 68·7 | 95·6 | —2·3 | 70·3 | +0·2 | 102·2 | 61·0 | 64 | +8 | 0 | 0 | 0 | 0 | —0·01 | 0 |
| Karachi | 29·909 | +·041 | N 43° W | 3·7 | 77·9 | 74·6 | 86·5 | —0·1 | 73·3 | +0·3 | 93·4 | 67·5 | 85 | +12 | 1·5 | 0 | 0 | 0 | 0 | 0 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 29·119 | +·038 | S 28° W | 5·5 | 77·5 | 63·8 | 96·2 | +0·1? | 68·8 | —2·6 | 101·8 | 58·6 | 44 | —4 | 0·1 | 0 | —0·4 | 0 | —0·15 | 0 |
| Jodhpur | 29·127 | +·033 | N 68° W | 2·6 | 77·7 | 63·7 | 96·1 | —0·8 | 68·4 | +0·9 | 100·6 | 58·6 | 43 | 0 | 0·7 | 0 | —0·3 | 0 | —0·20 | 0 |
| Jaipur | 28·489 | +·037 | N 50° W | 2·4 | 75·4 | 63·8 | 92·3 | —2·3 | 64·0 | —0·8 | 97·7 | 54·2 | 51 | +2 | 0·4 | 1 | +0·5 | 0·86 | +0·61 | 0·86 |
| Ajmer | 28·296 | +·019? | S 50° W | 2·7 | 69·0 | 60·6 | 90·8 | —1·1 | 66·7 | +2·5? | 95·4 | 54·4 | 60 | 0 | 0·1 | 0 | —0·5 | 0 | —0·26 | 0 |
| Kotah | 29·059 | +·023 | Calm. | 1·1 | 80·0 | 66·7 | 93·4 | —1·6 | 70·1 | —0·2 | 98·2 | 60·6 | 47 | 0 | 0·3 | 0 | —0·6 | 0 | —0·36 | 0 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29·461 | +·046 | N 78° E | 2·6 | 76·6 | 68·7 | 95·4 | —2·1 | 66·0 | —1·0 | 98·0 | 58·0 | 66 | +15? | 0·5 | 0 | —0·4 | 0·02 | —0·28 | 0·02 |
| Bhuj | 29·587 | +·044 | N 41° W | 3·4 | 80·9 | 72·7 | 94·3 | —1·8 | 68·5 | —2·4? | 97·4 | 60·1 | 66 | +4 | 0·9 | 0 | —0·4 | 0 | —0·24 | 0 |
| Jamnagar | .. | .. | N 20° W | 4·4 | .. | 73·9 | 91·7 | —2·1 | 69·0 | —1·8 | 95·7 | 60·8 | .. | .. | 1·8 | 0 | —0·1 | 0 | —0·13 | 0 |
| Dwarka | 29·896 | +·042 | N 13° W | 6·1 | 80·0 | 75·0 | (a) 87·5 | (a) +0·9 | 76·0 | +0·6 | 94·5 | 70·0 | 79 | +1 | 1·7 | 0 | —0·2 | 0·02 | —0·05 | 0·02 |
| Rajkot | 29·478 | +·025 | N 15° W | 3·3 | 78·3 | 71·2 | 94·1 | —1·5 | 68·5 | +0·3 | 96·8 | 60·2 | 69 | +3 | 1·5 | 1 | +0·1 | 0·12 | —0·24 | 0·12 |
| Veraval | 29·896 | +·036 | N 11° E | 5·9 | 79·7 | 71·2 | 89·9 | +1·0 | 74·1 | +1·7 | 97·3 | 68·3 | 64 | —4 | 1·2 | 0 | —0·5 | 0·01 | —0·32 | 0·01 |
| Bhavnagar Para | 29·876 | +·052 | N 46° W | 2·2 | 79·1 | 69·7 | 94·6 | —1·9 | 69·4 | —0·6 | 97·6 | 58·6 | 60 | —1 | 1·6 | 0 | —0·5 | 0·08 | —0·19 | 0·08 |
| Surat | 29·880 | +·038 | N 53° E | 1·4 | 80·4 | 72·5 | 94·0 | +0·3 | 72·9 | +1·7 | 97·5 | 64·0 | 67 | —3 | 2·1 | 0 | —1·9 | 0 | —1·39 | 0 |
| Ahmadabad | 29·775 | +·054 | N 23° E | 2·8 | 79·2 | 69·2 | 94·9 | —2·3 | 72·2 | —0·2 | 97·8 | 65·7 | 58 | +2 | 0·4 | 0 | —0·6 | 0 | —0·37 | 0 |
| Bombay | 29·852 | +·014 | N 74° E | 5·7 | 80·0 | 75·3 | 89·2 | +1·4 | 77·3 | +0·6 | 91·5 | 72·7 | 80 | —2 | 4·0 | 1 | —1·4 | 0·22 | —1·53 | 0·16 |
| Ratnagiri | 29·642 | —·009 | S 88° E | 5·7 | 82·4 | 73·3 | 89·6 | +1·4 | 75·0 | +1·0 | 95·7 | 72·1 | 64 | —14? | 2·3 | 6 | +1·3 | 4·13 | +0·66 | 2·75 |
| Marmagao | 29·799 | +·002 | S 75° E | 4·8 | 77·1 | 74·9 | 84·7 | —1·0 | 74·8 | —0·8 | 87·2 | 70·7 | 90 | 0 | 5·9 | 6 | 0 | 3·05 | —0·74 | 1·25 |
| Karwar | 29·820 | +·001 | S 45° W | 1·1 | 75·7 | 73·7 | 87·2 | +1·8 | 73·0 | —0·6 | 92·5 | 67·2 | 91 | +2 | 3·0 | 5 | —2·0 | 6·08 | +0·47 | 2·35 |
| Malegaon | 28·474 | +·023 | S 58° W | 4·2 | 77·3 | 66·6 | 92·0 | +0·7 | 64·8 | —0·9 | 95·2 | 51·4 | 56 | —4 | 2·0 | 1 | —1·6 | 0·31 | —1·54 | 0·23 |
| Ahmadnagar | 27·768 | +·023 | N 64° E | 3·8 | 77·2 | 65·6 | 88·9 | +0·2 | 65·1 | 0 | 91·8 | 52·5 | 52 | —10 | 1·6 | 1 | —2·0 | 0·64 | —1·25 | 0·45 |
| Poona | 28·062 | +·026 | N 81° E | 3·1 | 74·7 | 66·9 | 89·8 | +0·8 | 65·9 | —0·5 | 93·8 | 52·5 | 66 | —5 | 6·1 | 6 | +1·0 | 2·00 | —1·68 | 0·61 |
| Sholapur | 28·298 | +·022 | N 89° E | 4·9 | 77·4 | 67·1 | 90·3 | —0·1 | 67·8 | —0·6 | 93·4 | 59·2 | 58 | —3 | 4·6 | 5 | +0·7 | 2·04 | —1·13 | 0·82 |
| Bijapur | 27·937 | +·017 | N 80° E | 1·2* | 75·3 | 67·8 | 87·2 | —1·7 | 67·5 | —0·9 | 92·6 | 59·1 | 68 | —2 | 3·3 | 8 | +3·5 | 5·41 | +2·46 | 1·25 |
| Belgaum | 27·353 | +·023 | N 52° E | 3·3 | 72·4 | 66·5 | 83·7 | +0·5 | 65·2 | +0·1 | 87·9 | 60·1 | 74 | —4 | 5·0 | 8 | +0·4 | 4·89 | +0·16 | 1·69 |

(a) Mean of 29 days.

* Mean of 19 days.

# TABLE B.—OCTOBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 28·290 | +·025 | N 43° W | 2·4 | 77·3 | 66·7 | 89·6 | —1·5 | 63·8 | —0·6 | 92·9 | 54·4 | 55 | +4 | 0·2 | 0 | —0·7 | 0 | —0·35 | 0 |
| Indore | 28·097 | +·031 | N 52° W | 1·2 | 76·6 | 67·4 | 89·1 | +0·6 | 62·8 | —0·5 | 92·1 | 53·1 | 61 | —1 | 0·2 | 2 | +0·1 | 0·95 | —0·11 | 0·85 |
| Nowgong | 29·147 | +·041 | S 64° W | 0·8 | 71·2 | 65·0 | 89·6 | —0·4 | 63·4 | —1·7 | 93·5 | 52·0 | 70 | +1 | 1·1 | 0 | —1·5 | 0·03 | —1·03 | 0·03 |
| Sutna | 28·857 | +·048 | S 41° W | 0·7 | 75·8 | 66·9 | 87·3 | —0·7 | 64·9 | —0·8 | 91·3 | 53·8 | 62 | —6 | 0·3 | 0 | —2·1 | 0 | —2·14 | 0 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | .. | .. | N 3° W | 4·2 | 76·9 | 65·3 | 86·8 | +0·9 | 67·6 | —0·4 | 90·0 | 60·4 | 52 | .. | 3·0 | 0 | —2·7 | 0·02 | —2·14 | 0·02 |
| Akola | 28·990 | +·043 | N 83° E | 2·5 | 77·0 | 66·7 | 93·6 | +1·7 | 66·1 | +0·1 | 96·6 | 51·5 | 56 | —6 | 2·0 | 0 | —2·4 | 0 | —1·89 | 0 |
| Amraoti | 28·701 | +·045 | N 59° E | 3·3 | 78·7 | 66·3 | 91·6 | +0·8 | 68·3 | +0·1 | 95·1 | 58·3 | 48 | —10 | 2·7 | 0 | —2·4 | 0·04 | —1·72 | 0·04 |
| Khandwa | 28·866 | +·036 | N 83° E | 2·4 | 75·3 | 66·8 | 93·1 | +1·2 | 64·1 | —1·9 | 96·5 | 52·0 | 62 | +1 | 1·5 | 0 | —1·9 | 0 | —1·04 | 0 |
| Hoshangabad | 28·922 | +·049 | N 80° E | 1·3 | 71·1 | 65·2 | 89·7 | +0·1 | 63·1 | —3·1? | 93·3 | 53·0 | 71 | 0 | 0·9 | 0 | —1·9 | 0 | —1·24 | 0 |
| Saugor | 28·076 | +·004? | S 28° W | 2·8 | 74·1 | 62·6 | 89·9 | +2·0 | 65·5 | —0·6 | 94·2 | 57·4 | 50 | —6 | 0·7 | 1 | —0·7 | 0·11 | —0·82 | 0·11 |
| Jubbulpore | 28·561 | +·026 | S 48° E | 1·1 | 72·0 | 65·2 | 87·5 | 0 | 63·9 | +0·2? | 90·9 | 52·1 | 68 | —7 | 0·6 | 0 | —2·1 | 0 | —1·62 | 0 |
| Seoni | 27·895 | +·051 | N 55° E | 2·5 | 75·1 | 63·9 | 86·7 | 0 | 63·8 | —0·1 | 90·2 | 53·1 | 52 | —11 | 0·7 | 0 | —2·9 | 0·03 | —1·76 | 0·03 |
| Nagpur | 28·899 | +·055 | N 33° E | 2·4 | 77·9 | 66·2 | 92·2 | +1·8 | 67·2 | —0·9 | 95·8 | 56·1 | 52 | —12 | 0·8 | 0 | —2·8 | 0 | —1·84 | 0 |
| Pendra (*d*) | 27·887 | +·073 | S 24° W | (*b*) 1·7 | 74·1 | 65·0 | 84·3 | —0·3 | 62·5 | —2·1 | 88·1 | 54·8 | 59 | —5 | ? | 0 | —3·0 | 0 | —2·43 | 0 |
| Raipur | 28·929 | +·044 | N 75° E | 1·5 | 76·2 | 69·5 | 88·4 | +0·2 | 69·1 | —0·4 | 91·2 | 59·9 | 70 | —3 | 1·9 | 1 | —2·3 | 0·20 | —1·84 | 0·20 |
| Chanda | 29·266 | +·032 | N 8° W | 1·5 | 77·5 | 70·8 | 89·9 | —0·1 | 67·0 | —1·0 | 97·5 | 54·8 | 70 | —3 | 2·8 | 0 | —2·5 | 0·09 | —1·55 | 0·09 |
| Jagdalpur | 28·075 | .. | N 47° E | 1·6 | 72·6 | 68·7 | 84·7 | .. | 65·6 | .. | 88·4 | 59·1 | 81 | .. | 3·0 | 5 | —0·4 | 2·38 | —1·63 | 0·80 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 28·019 | +·029 | N 78° E | 5·4 | 78·0 | 64·9 | 90·3 | +0·2 | 66·0 | —0·1 | 94·8 | 55·0 | 48 | —7 | 3·4 | 1 | —1·4 | 0·29 | —1·32 | 0·22 |
| Nizamabad | 28·653 | ? | N 52° E | 1·5 | 76·3 | 69·7 | 87·6 | —1·2 | 65·8 | —2·3? | 90·9 | 53·1 | 71 | —1 | 2·3 | 5 | +2·6 | 3·83 | +2·18 | 1·67 |
| Gulbarga | 28·378 | +·017 | N 72° E | 7·2 | 76·5 | 67·7 | 91·8 | +1·2 | 67·7 | —1·3 | 95·1 | 61·9 | 63 | —5 | 2·6 | 2 | —1·4 | 1·07 | —1·82 | 0·58 |
| Raichur | 28·565 | +·033 | N 67° E | 5·8 | 76·7 | 70·1 | 89·5 | —0·5 | 71·0 | —1·2 | 94·0 | 65·1 | 71 | +4 | 2·9 | 5 | +1·1 | 2·87 | —0·21 | 1·05 |
| Hyderabad (Deccan) | 28·180 | +·040 | N 72° E | 3·1 | 75·8 | 69·2 | 85·7 | —2·7 | 68·1 | —1·0 | 90·8 | 61·3 | 71 | —2 | 3·9 | 5 | +0·8 | 3·06 | +0·05 | 1·10 |
| Hanamkonda | 29·018 | +·046 | N 8° W | 2·3 | 77·3 | 70·7 | 88·0 | —1·8 | 70·6 | —0·5 | 92·2 | 65·2 | 71 | +2 | 3·4 | 5 | +1·9 | 3·65 | +1·84 | 1·90 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·482 | +·012 | S 71° E | 3·8 | 73·1 | 67·4 | 84·4 | —0·5 | 67·8 | —0·1 | 92·2 | 64·0 | 75 | —1 | 5·3 | 11 | +4·3 | 8·21 | +3·80 | 2·79 |
| Hassan | 26·780 | +·014 | N 86° E | 3·4 | 69·0 | 63·6 | 82·3 | +0·6 | 64·3 | +0·2 | 86·3 | 58·7 | 76 | —6 | 5·9 | 9 | —0·8 | 5·58 | —1·55 | 1·41 |
| Bangalore | 26·897 | +·006 | N 55° E | 4·9 | 70·9 | 66·9 | 82·2 | +0·3 | 64·9 | —0·2 | 87·0 | 59·8 | 81 | —1 | 6·7 | 10 | +0·8 | 5·81 | —0·37 | 1·30 |
| Mysore | 27·366 | —·007 | N 57° E | 3·7 | 73·2 | 68·2 | 83·8 | —0·6 | 67·0 | +0·1 | 88·1 | 63·0 | 77 | —6 | 5·8 | 11 | +1·6 | 6·30 | —0·36 | 1·67 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·791 | —·010 | N 72° E | 3·2 | 80·0 | 75·7 | 87·5 | +1·8 | 74·9 | +0·9 | 92·5 | 72·1 | 81 | —2 | 6·1 | 9 | —1·0 | 3·01 | —4·50 | 0·85 |
| Calicut | 29·842 | +·007 | N 69° E | 3·8 | 78·7 | 76·6 | 85·6 | —0·5 | 75·7 | +1·0 | 90·6 | 73·7 | 90 | +4 | 7·1 | 8 | —3·2 | 7·34 | —2·93 | 2·06 |
| Cochin | 29·859 | 0 | N 60° E | 2·3 | 79·7 | 76·2 | 86·3 | —0·3 | 75·1 | +0·4 | 89·7 | 72·8 | 85 | +1 | 6·3 | 10 | —4·3 | 9·92 | —3·36 | 1·99 |
| Trivandrum | 29·659 | —·006 | N 39° W | 3·2 | 77·2 | 74·7 | 83·3 | +0·5 | 74·5 | —0·5 | 86·1 | 71·5 | 89 | +5 | 7·3 | 13 | +0·8 | 18·38 | +7·64 | 4·67 |
| Pamban | 29·797 | —·010 | N 66° W | 7·9 | 81·0 | 77·9 | 89·3 | +1·5 | 78·7 | +1·5 | 90·5 | 77·6 | 86 | +4 | 5·3 | 13 | +3·2 | 6·79 | —3·15 | 1·60 |
| Madura | 29·389 | +·007 | N 13° W | 2·9 | 78·2 | 75·1 | 88·5 | —2·6 | 74·4 | +0·4 | 93·1 | 71·8 | 86 | +10? | 7·6 | 15 | +4·5 | 10·89 | +2·73 | 2·13 |
| Pudukkottai | 29·522 | 0 | N 21° W | 2·6 | 79·0 | 74·1 | 89·0 | —1·5 | 75·0 | +0·6 | 94·0 | 72·0 | 79 | —2 | 2·7 | 9 | —1·0 | 5·10 | —1·29 | 2·42 |
| Negapatam | 29·816 | +·004 | N 34° W | 5·0 | 80·7 | 75·6 | 87·3 | —1·4 | 76·4 | +0·2 | 91·7 | 72·9 | 78 | —3 | 6·2 | 12 | +1·7 | 14·68 | +3·60 | 3·73 |
| Trichinopoly | (*d*) 29·599 | +·007 | N 28° W | 2·1 | 80·0 | 75·9 | 91·4 | +0·3 | 75·0 | +0·7 | 96·6 | 70·4 | 82 | +2 | 6·2 | 8 | —1·7 | 7·85 | +0·70 | 3·39 |

(*d*) Mean of 30 days.

(*b*) Mean of 29 days.

# TABLE B.—OCTOBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV—Madras—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Coimbatore | 28·523 | +·012 | S 27° W | 2·8 | 76·8 | 71·7 | 88·4 | +0·3 | 70·8 | +0·2 | 92·6 | 66·3 | 78 | —8 | 4·9 | 11 | +1·2 | 5·13 | —1·38 | 1·30 |
| Salem | 28·944 | +·014 | S 45° W | 1·8 | 76·4 | 73·1 | 88·4 | —1·3 | 71·5 | +0·1 | 92·4 | 66·6 | 85 | +4 | 6·9 | 12 | +1·8 | 6·33 | —0·46 | 1·42 |
| Cuddalore | 29·817 | +·014 | N 52° W | 4·3 | 79·0 | 76·0 | 85·9 | —2·6 | 75·0 | +0·5 | 92·5 | 70·8 | 87 | +1 | 7·9 | 16 | +5·0 | 18·55 | +6·78 | 4·69 |
| Vellore | 29·152 | +·014 | W | 1·2 | 76·8 | 74·3 | 88·0 | —1·2 | 72·5 | —0·5 | 93·4 | 65·0 | 88 | +7 | 5·6 | 10 | +2·1 | 2·95 | —3·64 | 0·54 |
| Madras | 29·835 | +·016 | N 63° W | 3·4 | 79·1 | 76·5 | 86·3 | —3·0 | 75·0 | 0 | 92·7 | 72·3 | 89 | +6 | 7·8 | 17 | +6·3 | 21·98 | +10·40 | 3·17 |
| Cuddapah | 29·438 | +·020 | N 47° W | .. | 79·0 | 74·3 | 90·0 | —2·6 | 74·0 | —0·2 | 97·5 | 69·5 | 80 | +7 | 6·1 | 7 | +0·7 | 11·57 | +6·61 | 5·30 |
| Bellary (*b*) | 28·401 | +·023 | N 43° E | 3·2 | 76·5 | 70·9 | 88·8 | —1·5 | 70·0 | —1·2 | 94·3 | 66·4 | 75 | +8 | 4·3 | 10 | +3·8 | 15·90 | +11·90 | 4·20 |
| Kurnool | 28·947 | +·027 | N 45° E | 0·3 | 77·0 | 72·6 | 90·6 | —0·3 | 72·0 | +1· ? | 97·1 | 63·8 | 80 | +6 | 4·9 | 6 | +1·2 | 4·39 | +1·24 | 1·32 |
| Nellore | 29·790 | +·018 | N 43° W | 2·3 | 78·5 | 75·4 | 86·8 | —4·6 | 74·8 | —1·0 | 93·6 | 72·1 | 86 | +6 | 7·5 | 13 | +5·2 | 14·07 | +5·76 | 3·73 |
| Masulipatam | 29·863 | +·030 | N 32° E | 3·6 | 79·6 | 75·7 | 86·7 | —2·4 | 75·0 | —1·0 | 92·3 | 72·0 | 83 | 0 | 6·5 | 11 | +2·7 | 14·28 | +6·33 | 6·25 |
| Cocanada | 29·855 | +·039 | N 14° E | 6·0 | 79·6 | 75·5 | 85·8 | —2·3 | 75·7 | —0·3 | 91·4 | 71·4 | 82 | +3 | 5·8 | 12 | +4·1 | 10·44 | +2·76 | 2·38 |
| Vizagpatam | 29·847 | +·046 | N 1° E | 5·2 | 81·3 | 75·9 | 85·7 | —2·5 | 77·1 | +0·8 | 90·3 | 73·4 | 78 | +6 | 6·3 | 8 | +1·5 | 10·87 | +4·58 | 2·55 |
| Calingapatam | 29·862 | .. | N 11° W | 5·1 | 79·3 | 75·9 | 87·4 | .. | 75·1 | .. | 92·0 | 71·4 | 85 | .. | 4·5 | 6 | +0·7 | 13·63 | +8·18 | 6·12 |
| Gopalpur | 29·838 | +·051 | N 8° E | 5·4 | 77·7 | 74·2 | 86·4 | —1·3 | 74·1 | —0·2 | 93·9 | 69·4 | 84 | +2 | 4·2 | 11 | +4·5 | 10·78 | +2·92 | 3·64 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser | 29·876 | .. | N 34° E | .. | 81·9 | 76·5 | .. | .. | .. | .. | .. | .. | 77 | .. | 4·6 | 3 | —1·2 | 4·66 | +1·07 | 2·20 |
| Port Blair | 29·795 | +·005 | S 87° E | 7·2 | 80·5 | 77·4 | 85·7 | —0·9 | 75·7 | —1·2 | 88·4 | 72·5 | 86 | —3 | 6·1 | 14 | —1·5 | 14·19 | +3·13 | 4·14 |
| Table Island | 29·767 | +·015 | S 82° E | 7·0 | 81·5 | 77·8 | 84·7 | —0·9 | 77·8 | + 0·4 | 86·5 | 73·6 | 84 | —1 | 5·3 | 7 | —3·2 | 5·37 | —1·21 | 1·64 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | 27·574 | .. | S 45° W | 0·9 | 59·3 | 55·6 | (*f*) 87·0 | .. | 54·9 | .. | 91·0 | 47·1 | 79 | .. | 2·1 | 6 | +3·2 | 4·27 | +2·10 | 1·75 |
| Srinagar | 24·961 | +·010 | S 26° W | 2·2 | 49·2 | 45·9 | 65·9 | —4·2 | 40·4 | —0·7 | 79·0 | 32·9 | 79 | —7 | 3·3 | 5 | +2·2 | 4·49 | +3·37 | 1·52 |
| Gulmarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dras | 22·868 | +·022 | S 69° W | 2·5 | 30·0 | (*c*) 36·0 | 49·2 | —8·2 | 25·0 | —1·8 | 64·2 | 13·7 | (*c*) 75 | .. | 3·4 | 5 | +3·4 | 1·92 | +1·43 | 0·62 |
| Leh | 19·762 | +·005 | N 45° E | 1·5 | 36·4 | (*c*) 33·8 | 53·9 | —4·7 | 28·5 | —1·8 | 65·3 | 20·0 | (*c*) 49 | .. | 3·0 | 1 | +0·9 | 0·25 | +0·10 | 0·22 |
| Skardu | 22·934 | +·005 | S 34° E | 4·0 | 44·3 | (*d*) 41·3 | 63·1 | —3·3 | 38·9 | —2·4 | 73·8 | 28·9 | (*d*) 60 | —5 | 2·7 | 1 | +0·6 | 0·16 | +0·04 | 0·15 |
| Gilgit | 25·224 | +·022 | S 45° W | 0·4 | 55·5 | 48·1 | 73·4 | —1·5 | 48·5 | —4·3 | 84·4 | 40·2 | 57 | +10 | 2·3 | 0 | —0·7 | 0·13 | —0·13 | 0·09 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·453 | .. | S 14° W | 2·5 | 57·7 | 47·3 | 82·1 | .. | 53·5 | .. | 92·3 | 44·8 | 45 | .. | 1·5 | 1 | +0·7 | 0·55 | +0·43 | 0·54 |
| Quetta | 24·681 | —·014 | S | 1·2 | 44·7 | (*e*) 40·5 | 76·8 | +1·5 | 40·4 | +1·5 | 90·7 | 30·3 | (*e*) 60 | +16 | 0·7 | 1 | +0·7 | 0·31 | +0·17 | 0·28 |
| Chaman | 25·713 | —·057 | S 73° E | 4·8 | 60·2 | 46·7 | 79·4 | —0·5 | 54·5 | +1·8 | 89·9 | 41·8 | 33 | 0 | 1·1 | 1 | +0·7 | 0·65 | +0·52 | 0·62 |
| Kalat | 23·789 | .. | S 4° W | 4·2 | 45·9 | (*e*) 38·8 | 74·0 | —0·5 | .. | .. | 84·5 | .. | (*e*) 44 | +6 | 0·7 | 0 | —0·4 | 0 | —0·15 | 0 |
| Dalbandin | 27·146 | .. | E | 2·9 | 60·3 | 47·9 | 90·3 | .. | 51·7 | .. | 99·9 | 38·2 | 35 | .. | 0·2 | 0 | —0·2 | 0·02 | —0·06 | 0·02 |
| Pasni | .. | .. | N 46° W | 6·2 | .. | 71·3 | 90·4 | .. | 68·3 | .. | 96·3 | 58·0 | 84 | .. | 3·2 | 0 | 0 | 0 | —0·01 | 0 |
| Panjgur | 26·769 | .. | N 58° E | 4·1 | 63·0 | 51·1 | 87·7 | .. | 58·2 | .. | 97·0 | 43·0 | 40 | .. | 0·7 | 0 | .. | 0 | .. | 0 |
| Seistan (*a*) | 28·176 | .. | N 43° W | 7·1 | 59·3 | 49·1 | 87·1 | .. | 55·2 | .. | 100·4 | 42·0 | 45 | .. | 0·1 | 0 | .. | 0 | .. | 0 |
| **Hill stations excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachinar | 24·471 | —·005 | Calm. | 0·9 | 59·4 | 49·4 | 71·5 | —3·1 | 48·2 | —1·0 | 81·6 | 38·5 | 51 | +12 | 1·9 | 5 | +2·6 | 2·40 | +1·42 | 0·83 |
| Cherat | 25·757 | +·020 | N 2° W | 3·0 | 61·6 | 52·8 | 70·1 | —7·7 | 57·0 | —0·7 | 83·6 | 41·3 | 54 | +12 | 0·6 | 1 | —0·3 | 0·12 | —0·38 | 0·12 |
| Drosh (*a*) | 25·085 | .. | N 66° E | 1·4 | 56·0 | 47·9 | 74·7 | —2·4 | 53·1 | +0·3 | 87·1 | 44·4 | 56 | +2 | 1·4 | 3 | +0·2 | 0·67 | —0·72 | 0·35 |

(*a*) Aneroid.
(*b*) Mean of 30 days.
(*c*) Mean of 13 days.
(*d*) „ 22 „
(*e*) Mean of 27 days.
(*f*) „ 15 „

# TABLE B.—OCTOBER 1921—*concld.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill stations excluding Kashmir and Baluchistan.—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Murree | 23·939 | +·003 | N 27° W | 4·9* | 55·1 | 46·7 | 63·0 | —5·8 | 50·3 | —2·8 | 71·2 | 41·2 | 54 | +11 | 2·2 | 5 | +2·5 | 2·71 | +1·15 | 1·05 |
| Simla | 23·145 | +·013 | .. | .. | 54·5 | 45·3 | 59·6 | —3·2 | 48·9 | —2·2 | 66·9 | 39·5 | 48 | 0 | 1·3 | 3 | +1·5 | 1·34 | +0·42 | 0·65 |
| Chakrata | 23·437 | .. | N 66° E | 6·8 | 55·0 | 48·5 | 65·7 | —1·3 | 47·8 | —3·2 | 71·8 | 34·7 | 60 | 0 | 2·0 | 2 | +0·6 | 1·72 | +0·89 | 1·07 |
| Mukteswar | 22·871 | —·002 | N 82° W | 6·5 | 51·7 | 45·4 | 60·3 | —6·2 | 43·7‡ | —6·4‡ | 67·1 | 37·2 | 64 | +8 | 2·1 | 5 | +3·6 | 3·38 | +2·04 | 1·75 |
| Darjiling | 22·994 | +·005 | N 12° W | 1·8 | 52·3 | 50·3 | 61·4† | —1·5† | 48·0 | —1·9 | 67·6 | 41·1 | 88 | +2 | 4·3 | 4 | —0·5 | 1·29 | —3·16 | 0·52 |
| Kalimpong | 26·063 | .. | .. | .. | 61·2 | 59·2 | 69·7 | .. | 57·9 | .. | 74·8 | 53·1 | 89 | .. | 4·7 | ? | .. | ? | .. | ? |
| Shillong | 25·220 | +·083 | S 39° E | 1·2 | 61·0 | 57·2 | 67·9 | —3·8 | 53·1 | —1·4 | 76·3 | 41·9 | 79 | 0 | 5·1 | 11 | +1·4 | 3·66? | —2·73 | 0·63 |
| Cherrapunji | 25·719 | +·033 | N 23° W | 1·9 | 63·5 | 59·2 | 68·7 | —3·3 | 60·0 | —0·5 | 72·0 | 51·5 | 78 | —3 | 3·4 | 10 | +1·3 | 7·28 | —12·19 | 2·08 |
| Netarhat | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Maymyo | 26·444 | +·038 | S 80° W | 0·9 | 64·0 | 63·2 | 74·1 | —2·7 | 59·9 | —0·2 | 79·2 | 49·8 | 95 | +5 | 6·7 | 18 | +6·0 | 15·93 | +8·22 | 3·60 |
| Pachmarhi | 26·473 | +·027 | N 44° E | 2·0 | 69·0 | 61·2 | 80·6 | +2·0 | 57·6 | —1·6 | 83·0 | 48·1 | 65 | +8 | 0 | 0 | —2·9 | 0·03 | —1·89 | 0·03 |
| Mount Abu | 26·090 | +·030 | N 89° W | 3·2 | 70·7 | 59·0 | 76·7 | —2·5 | 63·5 | —1·0 | 80·8 | 58·4 | 50 | +6 | 0·7 | 0 | —0·8 | 0 | —0·18 | 0 |
| Mercara | 26·169 | +·002 | N 45° E | 3·9 | 66·6 | 63·7 | 76·2 | +0·2 | 62·3 | + 0·2 | 79·0 | 59·4 | 86 | —3 | 7·6 | 12 | —1·2 | 7·91 | —0·83 | 2·25 |
| Ootacamund | 23·006 | +·016 | S 49° E | 2·1 | 58·3 | 53·8 | 65·8 | +1·8 | 50·9 | +0·4 | 68·5 | 44·4 | 75 | —3 | 7·0 | 13 | —1·9 | 8·48 | —0·30 | 2·59 |
| Kodaikanal | 22·763 | —·007 | N 8° E | 6·7 | 56·0 | 53·9 | 63·4 | +0·9 | 51·0 | —0·4 | 65·7 | 44·2 | 88 | +4 | 7·4 | 19 | +3·1 | 12·59 | +1·93 | 1·29 |
| **Extra India.** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee | 29·745 | +·008 | S 55° W | 4·1 | 77·9 | 75·2 | 89·3 | +0·6 | 75·2 | —0·3 | 93·5 | 73·2 | 88 | +2 | 6·6 | 10 | —1·2 | 10·82 | +2·81 | 4·36 |
| Colombo | 29·836 | —·014 | N | 2·8 | 76·5 | 74·7 | 86·4 | +0·4 | 75·2 | —0·1 | 88·7 | 73·4 | 93 | +9 | 8·0 | 13 | —3·2 | 8·38 | —6·36 | 2·65 |
| Hambantota | 29·781 | .. | N 55° W | 6·5 | 76·0 | 74·2 | 86·2 | —0·1 | 74·8 | +0·4 | 92·1 | 72·7 | 92 | .. | 5·5 | 9 | .. | 8·92 | +4·12 | 2·05 |
| Minicoy | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Amini Divi | 29·850 | —·008 | N 3° W | 6·3 | 82·6 | 77·0 | 88·4 | +2·5 | 76·9 | +0·3 | 91·4 | 72·5 | 77 | —3 | 5·7 | 6 | —2·9 | 5·66 | —0·17 | 2·06 |
| Gyantse | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pharijong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gangtok | 24·291 | —·180 | N 45° E | 0·9 | 56·7 | 54·4 | 68·9 | —1·9 | 53·7 | +5·3 | 75·1 | 48·0 | 87 | +3 | 5·5 | 16 | +6·9 | 8·98 | +2·95 | 2·15 |
| Gartok (*a*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgarh (*a*) | 25·591 | —·119 | N 27° W | 0·6 | 49·6 | 44·2 | 72·2 | +1·6 | 42·7 | —0·2 | 83·8 | 32·8 | 65 | +9 | 3·2 | 0 | 0 | 0 | —0·02 | 0 |
| Kabul (*a*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed | .. | .. | N | 1·5 | 46·7 | 42·2 | 73·6 | +3·6 | 40·6 | —1·9 | 89·4 | 30·5 | 67 | +6 | 1·2 | 0 | —1·1 | 0·03 | —0·39 | 0·03 |
| Jask | 29·882 | —·005 | N 69° E | 8·6 | 80·2 | 75·7 | 91·5 | +1·2 | 70·8 | —5·1 | 99·9 | 64·2 | 82 | +13 | 0·5 | 0 | —0·2 | 0 | —0·06 | 0 |
| Muscat | 29·911 | +·024 | N 20° W | 7·5 | 83·3 | 78·4 | 92·8 | +4·6 | 80·5 | —0·1 | 98·7 | 69·9 | 80 | +14 | 0·5 | 0 | —0·1 | 0 | —0·08 | 0 |
| Bushire | 29·900 | —·004 | N 18° W | 5·5 | 76·3 | 68·3 | 86·1 | —1·5 | 70·3 | —1·0 | 92·4 | 61·9 | 65 | 0 | 0·2 | 0 | —0·2 | 0 | —0·09 | 0 |
| Busrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (*a*) (*b*) | 24·293 | —·152 | S 81° W | 1·1 | 52·2 | 48·5 | 77·9 | +0·6 | 47·3 | +1·4 | 85·4 | 37·2 | 78 | +20 | 0·2 | 0 | —0·5 | 0 | —0·15 | 0 |
| Tehran (*a*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Baghdad | 29·824 | —·002 | N 3° E | 2·9 | 66·3 | 52·7 | 91·3 | —1·0 | 63·5 | +0·5 | 102·8 | 51·0 | 34 | —18 | 3·9 | 0 | —0·3 | 0 | —0·08 | 0 |
| Aden | 29·809 | +·005 | N 45° E | 9·1 | 79·0 | 72·8 | 86·8 | —2·8 | 76·4 | —1·4 | 91·8 | 70·1 | 73 | +3 | 3·1 | 0 | —0·2 | 0 | —0·10 | 0 |
| Zanzibar | 29·942 | 0 | S 5° E | 1·8 | 78·5 | 73·9 | 83·4 | 0 | 75·4 | +0·1 | 85·7 | 73·2 | 79 | —8 | 6·5 | 5 | —0·6 | 5·39 | +2·00 | 2·90 |

(*a*) Aneroid. (*b*) Mean of 30 days. * Mean of 19 days. † Mean of 16 days. ‡ Mean of 28 days.

# TABLE B.—NOVEMBER 1921.

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point | 29·771 | .. | N 58° E | 5·9 | 78·0 | 73·2 | 85·4 | .. | 74·0 | .. | 89·1 | 69·4 | 78 | .. | 5·3 | 6 | —5·0 | 2·91 | —3·65 | 0·08 |
| Mergui | 29·872 | +·033 | N 83° E | 4·5 | 75·5 | 71·5 | 86·1 | —1·2 | 70·6 | +0·2 | 90·5 | 65·9 | 82 | 0 | 1·9 | 0 | —6·1 | 0·18 | —3·61 | 0·07 |
| Tavoy | 29·918 | +·015 | N 45° E | 1·5 | 75·6 | 71·3 | 88·0 | +0·2 | 67·8 | —1·8 | 92·0 | 61·1 | 80 | —3 | 4·0 | 2 | —2·0 | 0·41 | —2·04 | 0·30 |
| Moulmein | 29·887 | +·033 | N 68° E | 2·1 | 76·4 | 71·6 | ? | ? | 70·2 | —1·4 | .. | 64·5 | 78 | —6 | 2·9 | 1 | —1·8 | 0·41 | —1·80 | 0·41 |
| Amherst | .. | .. | S 83° E | 4·8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rangoon | 29·944 | +·034 | N 35° E | 3·2 | 75·6 | 71·6 | 87·1 | —0·3 | 72·3 | —0·3 | 91·1 | 68·4 | 81 | —5 | 5·6 | 3 | —0·2 | 3·19 | +0·46 | 2·21 |
| Bassein | 29·938 | +·037 | N 84° E | 2·6 | 76·2 | 71·7 | 86·3 | +0·3 | 68·1 | —3·7 | 89·6 | 64·1 | 80 | —7 | 4·9 | 3 | —1·1 | 4·36 | +1·14 | 3·35 |
| Diamond Island | 29·896 | +·024 | N 54° E | 5·4 | 79·8 | 75·9 | 85·1 | —0·3 | 74·8 | —0·9 | 89·4 | 71·7 | 83 | +5 | 6·8 | 4 | —1·3 | 6·90 | +1·87 | 2·55 |
| Toungoo | 29·806 | +·029 | N 29° E | 1·0 | 72·0 | 69·5 | 87·5 | +0·6 | 67·3 | —2·5 | 92·5 | 62·0 | 87 | —2 | 4·5 | 3 | +0·3 | 1·79 | —0·05 | 0·78 |
| Kyaukpyu | 29·941 | .. | N 72° E | 0·4 | 75·7 | 71·7 | 82·7 | .. | 70·9 | .. | 85·4 | 64·7 | 82 | .. | 2·8 | 3 | —1·7 | 5·27 | —0·06 | 2·47 |
| Akyab | 29·940 | +·026 | N 32° E | 1·9 | 71·9 | 69·0 | 82·1 | —2·7 | 68·3 | —2·8 | 85·2 | 63·3 | 86 | —4 | 4·0 | 3 | —0·5 | 2·45 | —1·63 | 1·18 |
| Minbu | 29·812 | +·013 | N 32° W | 2·0 | 72·1 | 67·7 | 83·6 | —3·7 | 62·8 | —5·7? | 90·5 | 55·9 | 79 | 0 | 2·7 | 2 | —0·5 | 7·53 | +5·71 | 4·32 |
| Yamethin | 29·324 | +·025 | .. | .. | 71·1 | 68·8 | 83·3 | —3·8 | 66·9 | —0·3 | 89·0 | 59·1 | 88 | +3 | 4·2 | 4 | +1·2 | 7·02 | +5·35 | 2·80 |
| Mandalay | 29·751 | +·045 | Calm | 1·5 | 72·1 | 68·5 | 85·6 | —1·6 | 66·4 | —1·3 | 91·5 | 56·7 | 83 | —2 | 4·4 | 3 | 0 | 2·36 | +0·71 | 1·62 |
| Monywa | 29·740 | +·045 | N 13° W | 1·5 | 71·0 | 67·4 | 85·5 | +0·2 | 65·9 | —1·5 | 90·2 | 58·9 | 82 | —6 | 5·5 | 3 | +0·8 | 1·64 | —0·13 | 0·91 |
| Lashio | 27·201 | +·027 | Calm | 1·5 | 59·3 | 58·4 | 74·4 | —3·2 | 55·7 | +0·7 | 80·1 | 48·0 | 94 | +1 | 6·9 | 5 | +0·4 | 7·09 | +4·49 | 3·98 |
| Bhamo | 29·642 | +·038 | N 45° E | 0·4 | 63·9 | 63·1 | 80·5 | —0·4 | 60·7 | +0·8 | 84·2 | 53·6 | 95 | +4 | 5·1 | 1 | —1·7 | 0·60 | —0·90 | 0·56 |
| Myitkyina | 29·532 | +·021 | N 28° E | 1·5 | 64·6 | 62·6 | 79·9 | —0·3 | 60·6 | —0·7 | 83·6 | 54·8 | 89 | +3 | 3·6 | 1 | —1·1 | 0·67 | —0·35 | 0·49 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·673 | +·023 | S 82° E | 0·2 | 64·7 | 63·1 | 79·7 | +0·5 | 60·3 | +0·4 | 84·3 | 54·5 | 91 | +2 | 3·0 | 2 | —0·4 | 0·41 | —0·85 | 0·22 |
| Sibsagar | 29·706 | +·021 | N 11° E | 0·5 | 64·0 | 63·3 | 76·9 | —1·0 | 61·1 | +1·4 | 79·4 | 54·7 | 96 | —1 | 8·6 | 0 | —2·1 | 0·03 | —1·09 | 0·02 |
| Tezpur | 29·783 | +·040 | N 75° E | 0·7 | 64·7 | 62·9 | 81·0 | +0·7 | 63·3 | +2·5 | 83·6 | 58·0 | 90 | +1 | 3·2 | 1 | —0·5 | 0·44 | —0·31 | 0·38 |
| Gauhati | 29·853 | +·040 | N 39° E | 1·1 | 67·0 | 66·3 | 81·6 | —0·2 | 60·3 | —0·2 | 84·6 | 55·9 | 96 | +3 | 2·4 | 1 | 0 | 0·54 | +0·15 | 0·49 |
| Dhubri | 29·921 | +·048 | N 81° E | 4·3 | 67·6 | 64·7 | 78·5 | —1·6 | 64·2 | +0·9 | 81·7 | 60·4 | 85 | —2 | 0·3 | 1 | +0·5 | 0·17 | —0·17 | 0·17 |
| Silchar | 29·925 | +·047 | N 73° E | 0·8 | 71·2 | 67·4 | 85·0 | +0·1 | 62·6 | —0·9 | 89·2 | 57·8 | 82 | —5 | 0·9 | 1 | —0·8 | 0·50 | —0·65 | 0·43 |
| Srimangal | 29·936 | .. | .. | .. | 61·1 | 60·0 | 86·3 | —0·1 | 55·9 | —3·4 | 90·9 | 50·0 | 93 | +5 | 2·2 | 0 | —0·9 | 0 | —0·96 | 0 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·935 | .. | N 53° E | 1·0 | 72·3 | 69·4 | 83·7 | .. | 65·4 | .. | 86·3 | 59·7 | 86 | .. | 1·7 | 0 | —3·4 | 0·02 | —4·73 | 0·01 |
| Chittagong | 29·907 | +·044 | N 44° E | 0·9 | 69·2 | 67·2 | 82·9 | —0·1 | 64·0 | —1·5 | 85·6 | 58·6 | 90 | +2 | 1·3 | 1 | —0·7 | 0·49 | —1·37 | 0·49 |
| Noakhali | 29·962 | +·052 | N 22° E | 0·7 | 70·0 | 67·6 | 83·9 | +1·2 | 63·5 | 0 | 85·8 | 57·2 | 88 | +1 | 1·2 | 0 | —1·6 | 0 | —1·75 | 0 |
| Barisal | 29·973 | +·038 | N 7° E | 1·2 | 72·2 | 68·1 | 82·2 | —0·8 | 63·1 | —1·9 | 85·7 | 57·8 | 30 | —4 | 1·5 | 0 | —1·6 | 0 | —1·55 | 0 |
| Narayanganj | 29·979 | +·042 | N 6° W | 0·2 | 72·1 | 67·6 | 83·0 | —0·4 | 65·5 | —0·4 | 86·3 | 61·2 | 78 | —7 | 1·5 | 0 | —1·1 | 0 | —1·02 | 0 |
| Mymensingh | 29·948 | +·042 | Calm | 0 | 68·8 | 65·8 | 82·7 | +0·4 | 63·8 | —0·3 | 86·0 | 60·1 | 85 | —2 | 2·2 | 0 | —0·9 | 0·03 | —0·78 | 0·03 |
| Bogra | 29·940 | +·041 | N | 0·6 | 68·2 | 66·4 | 81·4 | —1·1 | 61·9 | —0·7 | 85·3 | 57·9 | 91 | +8 | 1·3 | 0 | —0·7 | 0 | —0·74 | 0 |
| Dinajpur | 29·913 | +·055 | N 17° E | 0·9 | 66·6 | 63·5 | 81·8 | —0·7 | 60·4 | —0·1 | 85·6 | 54·8 | 84 | +1 | 0·8 | 0 | —0·5 | 0 | —0·25 | 0 |
| Jalpaiguri | 29·784 | +·030 | N | 0·2 | 64·7 | 62·4 | 81·8 | +0·1 | 60·2 | —0·5 | 85·7 | 58·0 | 87 | +3 | 0 | 1 | +0·5 | 0·50 | +0·28 | 0·50 |
| Saugor Island | 30·005 | +·052 | N 12° E | 4·4 | 71·8 | 67·0 | 81·9 | —0·1 | 66·1 | —0·9 | 85·2 | 62·1 | 77 | —9 | 2·1 | 0 | —1·4 | 0 | —1·45 | 0 |
| Midnapore | 29·868 | +·047 | N 15° W | 1·3 | 68·3 | 60·9 | 83·6 | —1·2 | 60·3 | —2·7 | 86·3 | 55·8 | 63 | —8 | 1·3 | 0 | —1·1 | 0 | —0·82 | 0 |
| Calcutta | 29·995 | +·043 | N 8° W | 2·1 | 68·0 | 63·6 | 82·8 | +0·8 | 63·0 | —1·3 | 86·1 | 57·6 | 77 | —5 | 1·2 | 0 | —1·1 | 0 | —0·66 | 0 |
| Jessore | 29·981 | +·044 | Calm | 1·5 | 68·6 | 64·8 | 82·4 | —0·8 | 62·1 | —1·6 | 86·5 | 56·7 | 81 | —2 | 1·4 | 0 | —1·1 | 0 | —1·08 | 0 |
| Khulna | 29·991 | .. | N 11° E | 1·4 | 69·4 | 65·5 | 83·5 | .. | (w) 64·5 | .. | 87·1 | 60·2 | 80 | .. | 1·2 | 0 | .. | 0 | .. | 0 |
| Satkhira | (f) 30·009 | .. | N 13° W | (e) 0·1 | 71·2 | 65·7 | 85·5 | .. | 57·2 | .. | 89·4 | 51·5 | 73 | .. | 1·7 | 0 | .. | 0 | .. | 0 |

(w) Mean of 18 days. (f) Mean of 28 days. (e) Mean of 29 days.

# TABLE B.—NOVEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **III.—Bengal—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Burdwan | 29·917 | +·037 | N 34° W | 0·6 | 68·6 | 62·7 | 84·6 | +1·0 | 62·2 | —2·0 | 88·2 | 58·0 | 71 | —4 | 1·6 | 0 | —1·0 | 0 | —0·72 | 0 |
| Asansol | 29·598 | .. | .. | .. | 65·9 | 59·6 | 83·4 | .. | 57·3 | .. | 87·0 | 51·3 | 67 | .. | 0·7 | 0 | —0·8 | 0 | —0·59 | 0 |
| Berhampore | 29·970 | +·059 | N 10° W | 0·8 | 69·1 | 64·6 | 81·7 | —0·5 | 62·7 | —1·4 | 85·6 | 57·7 | 77 | —7 | 1·7 | 0 | —0·7 | 0 | —0·62 | 0 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·977 | +·051 | N 12° W | 0·5 | 66·6 | 62·1 | 85·2 | +1·2 | 59·0 | —3·5 | 87·8 | 53·7 | 76 | —4 | 1·0 | 0 | —1·3 | 0 | —1·27 | 0 |
| Hukitala (False Point) | 29·994 | +·056 | N 8° W | 4·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·2 | 0 | —2·3 | 0 | —3·10 | 0 |
| Cuttack | 29·943 | +·052 | N 79° W | 0·3 | 66·8 | 62·5 | 84·2 | —1·0 | 60·5 | —5·4 | 86·8 | 57·2 | 78 | 0 | 1·2 | 0 | —1·7 | 0 | —1·50 | 0 |
| Puri | 30·014 | +·070 | N 15° W | 3·9 | 70·5 | 65·4 | 84·0 | —0·8 | 66·4 | —2·2 | 86·1 | 63·5 | 75 | —3 | 7·7 | 0 | —2·1 | 0 | —3·47 | 0 |
| Angul | 29·562 | +·055 | N 56° W | 3·2 | 67·3 | 60·0 | 83·6 | —0·9 | 57·5 | —2·2 | 85·8 | 53·8 | 67 | —6 | 1·1 | 0 | —1·2 | 0 | —1·12 | 0 |
| Sambalpur | 29·528 | +·025? | N 17° W | 1·2 | 64·1 | 59·7 | 83·3 | —0·4 | 52·9 | —8·5? | 85·2 | 48·5 | 76 | +2? | 0·3 | 0 | —1·0 | 0 | —0·90 | 0 |
| Chaibasa | 29·267 | +·039 | S 15° W | 1·3 | 62·6 | 58·4 | 82·4 | 0 | 56·0 | —2·8 | 85·1 | 50·8 | 77 | —5 | 0·6 | 0 | —1·1 | 0 | —0·77 | 0 |
| Ranchi | 27·857 | +·044 | N 62° W | 2·0 | 63·2 | 54·7 | 76·2 | —1·8 | 54·4 | —3·4 | 79·0 | 51·5 | 56 | —7 | 0·8 | 0 | —0·9 | 0 | —0·45 | 0 |
| Purulia | (e) 29·203 | +·055 | S 79° W | 0·7 | 67·1 | 58·5 | 83·8 | 0 | 59·2 | —1·3 | 89·8 | 55·5 | 56 | —14 | 0·9 | 0 | —1·0 | 0 | —0·61 | 0 |
| Daltonganj | 29·298 | +·039? | S 56° E | 1·8 | 57·1 | 53·8 | 81·7 | —1·5 | 49·1 | —4·4 | 85·6 | 45·2 | 79 | 0 | 0·7 | 0 | —0·7 | 0 | —0·45 | 0 |
| Purnea | 29·903 | +·033 | S 87° W | 0·7 | 64·2 | 61·7 | 81·8 | —0·2 | 57·1 | —1·9 | 87·8 | 50·3 | 86 | —3 | 0·8 | 0 | —0·4 | 0 | —0·24 | 0 |
| Monghyr | 29·872 | .. | S 58° W | 2·0 | 66·1 | 59·9 | 81·3 | .. | 60·5 | .. | 84·6 | 56·9 | 68 | .. | 0·7 | 0 | —1·0 | 0 | —1·51 | 0 |
| Darbhanga | 29·875 | +·054 | Calm | 0·1 | 67·0 | 62·9 | 81·8 | +0·1 | 58·2 | —3·1 | 85·7 | 53·9 | 79 | —4 | 1·0 | 0 | —0·4 | 0 | —0·24 | 0 |
| Pusa | 29·844 | .. | S 67° W | 0·9 | 63·5 | 61·3 | 82·4 | .. | 56·7 | .. | 85·8 | 52·3 | 88 | .. | 0·7 | 0 | —0·6 | 0 | —0·54 | 0 |
| Patna | 29·861 | +·060 | S 81° W | 1·1 | 68·7 | 61·5 | 80·5 | —1·4 | 58·5 | —2·2 | 83·9 | 54·8 | 64 | —7 | 0·5 | 0 | —0·5 | 0 | —0·32 | 0 |
| Buxar | 29·798 | +·051 | S 63° W | 1·6 | 63·1 | 58·3 | 83·3 | —0·9 | 56·9 | —2·8 | 87·5 | 51·9 | 73 | +6 | 0·6 | 0 | —0·5 | 0 | —0·44 | 0 |
| Gaya | 29·680 | +·064 | S 69° W | 0·7 | 68·7 | 59·7 | 81·9 | —1·5 | 57·9 | —1·6 | 85·0 | 53·6 | 56 | —15 | 0·7 | 0 | —0·7 | 0 | —0·51 | 0 |
| Naya Dumka | 29·519 | +·037 | N | 0·8 | 68·3 | 61·0 | 81·8 | —0·3 | 57·4 | —2·5 | 85·2 | 53·5 | 63 | —11 | 0·7 | 0 | —0·7 | 0 | —0·45 | 0 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·781 | +·058 | W | 0·2 | 64·2 | 60·4 | 80·3 | —1·6 | 55·9 | —1·9 | 83·6 | 52·8 | 79 | +3 | 0·1 | 0 | —0·4 | 0 | —0·19 | 0 |
| Benares | 29·780 | +·058 | W | 0·9 | 66·3 | 58·4 | 82·3 | —0·5 | 53·6 | —1·9 | 85·3 | 48·0 | 59 | —16? | 0·5 | 0 | —0·4 | 0 | —0·34 | 0 |
| Allahabad | 29·757 | +·077 | S 87° W | 0·5 | 63·6 | 56·1 | 83·7 | +0·2 | 51·8 | —3·4 | 87·9 | 46·7 | 61 | —8 | 0·4 | 0 | —0·6 | 0 | —0·36 | 0 |
| Cawnpore | 29·628 | +·062 | S 78° W | 1·0 | 62·0 | 56·6 | 81·9 | —1·3 | 54·4 | —1·7 | 86·5 | 49·5 | 70 | —7 | 0 | 0 | —0·4 | 0 | —0·39 | 0 |
| Lucknow | 29·660 | +·045 | W | 1·6 | 60·3 | 55·5 | 84·6 | +0·8 | 53·2 | +0·1 | 89·0 | 49·0 | 73 | +1 | 0·1 | 0 | —0·4 | 0 | —0·21 | 0 |
| Bahraich | 29·614 | +·046 | N 12° E | 1·1 | 63·1 | 58·6 | 82·2 | —1·3 | 55·5 | —1·0 | 85·1 | 52·2 | 75 | —2 | 0·2 | 0 | —0·7 | 0 | —0·33 | 0 |
| Jhansi | 29·215 | +·043 | S 48° W | 1·7 | 66·2 | 56·0 | 86·1 | +0·3 | 54·4 | —5·0? | 90·2 | 48·6 | 49 | —3 | 0·7 | 0 | —0·4 | 0 | —0·14 | 0 |
| Agra | 29·483 | +·052 | S 45° W | 0·7 | 67·0 | 56·9 | 84·9 | +0·2 | 56·9 | +0·3 | 90·3 | 51·4 | 51 | —6 | 1·1 | 0 | —0·3 | 0 | —0·13 | 0 |
| Mainpuri | 29·515 | +·049 | N 75° W | 0·5 | 60·8 | 54·2 | 83·8 | —1·0 | 52·6 | —1·6 | 87·6 | 46·4 | 63 | —4 | 0·6 | 0 | —0·3 | 0 | —0·21 | 0 |
| Bareilly | 29·441 | +·037 | N 63° W | 0 | 60·5 | 57·2 | 78·4 | —3·2 | 53·7 | +0·5? | 81·0 | 48·5 | 31 | +5 | 0·8 | 0 | —0·4 | 0 | —0·26 | 0 |
| Roorkee | 29·114 | +·047 | N 45° W | 0·3 | 54·8 | 52·9 | 77·3 | —3·2 | 50·1 | +0·3 | 80·0 | 44·1 | 88 | +11 | 0·8 | 0 | —0·6 | 0 | —0·28 | 0 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 29·305 | +·046 | N 83° W | 0·9 | 62·7 | 54·4 | 80·3 | —2·6 | .. | .. | 83·8 | .. | 56 | +2 | 0·9 | 0 | —0·4 | 0 | —0·13 | 0 |
| Hissar | 29·313 | +·054 | S 23° W | 3·2 | 59·7 | 52·0 | 84·4 | —0·7 | 51·9 | +1·6 | 89·3 | 45·4 | 56 | —4 | 1·3 | 0 | —0·1 | 0 | —0·03 | 0 |
| Patiala | 29·175 | +·018? | S 45° E | 2·3 | 58·6 | 53·2 | 81·4 | —0·7 | 52·6 | +0·7 | 84·4 | 47·0 | 69 | +4 | 1·0 | 0 | —0·4 | 0 | —0·19 | 0 |
| Ambala | 29·118 | +·042 | N 37° E | 1·7 | 57·3 | 51·9 | 81·4 | —1·1 | 51·0 | +0·7 | 85·6 | 44·5 | 67 | —7 | 1·3 | 0 | —0·5 | 0 | —0·29 | 0 |
| Ludhiana | 29·204 | +·043 | W | 0·7 | 56·8 | 51·6 | 82·5 | +1·6 | 51·7 | +0·1 | 87·3 | 45·8 | 68 | +4 | 0·5 | 0 | —0·3 | 0 | —0·13 | 0 |

(e) Mean of 29 days.

# TABLE B.—NOVEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI.—Punjab—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Lahore | 29·320 | +·042 | S 45° W | 0·4 | 56·2 | 52·3 | 81·8 | —2·1 | 51·4 | +3·2 | 86·6 | 45·0 | 76 | +5 | 2·2 | 0 | —0·2 | 0 | —0·08 | 0 |
| Sialkot | 29·193 | +·045 | N 47° E | 0·9 | 57·5 | 53·9 | 78·9 | —2·5 | 49·2 | —1·1 | 82·3 | 42·5 | 76 | +10 | 1·5 | 0 | —0·3 | 0 | —0·12 | 0 |
| Rawalpindi | 28·356 | +·045 | S 72° W | 1·6 | 53·0 | 48·3 | 76·9 | —1·0 | 47·4 | +3·1 | 91·7 | 33·5 | 70 | +6 | 0·9 | 0 | —0·5 | 0·02 | —0·27 | 0·02 |
| Khushab | 29·446 | +·058 | N 56° E | 1·4 | 58·7 | 52·0 | 82·6 | —1·0 | 47·8 | —3·5 | 87·2 | 42·2 | 60 | +10 | 1·7 | 0 | —0·2 | 0 | —0·10 | 0 |
| Lyallpur | 29·424 | .. | S 35° E | 1·0 | 57·0 | 52·5 | 82·8 | .. | 50·9 | .. | 90·6 | 45·2 | 72 | .. | 3·4 | 0 | —0·2 | 0 | —0·09 | 0 |
| Montgomery | 29·474 | +·038 | S 84° E | 1·4 | 61·5 | 53·8 | 83·6 | —1·2 | 54·4 | +2·4 | 87·9 | 48·0 | 58 | +7 | 1·4 | 0 | —0·2 | 0 | —0·07 | 0 |
| Multan | 29·598 | +·028 | S 72° E | 0·9 | 62·0 | 55·3 | 85·1 | +0·3 | 58·3 | +4·8 | 90·7 | 53·9 | 63 | +3 | 1·3 | 0 | —0·2 | 0 | —0·08 | 0 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·955 | +·054 | Calm | 0 | 53·1 | 49·8 | 76·7 | —0·6 | 47·7 | +1·6 | 83·4 | 42·1 | 78 | +12 | 2·9 | 1 | +0·4 | 0·27 | —0·04 | 0·20 |
| Dera Ismail Khan | 29·481 | +·057 | N 16° E | 0·3 | 59·9 | 53·8 | 80·0 | —2·6 | 52·8 | +4·6 | 84·4 | 47·0 | 64 | —2 | 1·9 | 0 | —0·4 | 0·01 | —0·17 | 0·01 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·857 | +·043 | N 77° E | 1·0 | 67·1 | 57·2 | 83·7 | —4·1 | 55·7 | +3·9 | 91·1 | 50·0 | 50 | —7 | 0·2 | 0 | —0·1 | 0·03 | —0·05 | 0·03 |
| Hyderabad | 29·942 | +·048 | N 45° W | 0·6 | 68·0 | 59·5 | 88·7 | —0·4 | 62·2 | +3·3 | 94·5 | 56·5 | 57 | +5 | 0·6 | 0 | —0·1 | 0 | —0·07 | 0 |
| Karachi | 30·028 | +·039 | N 34° E | 4·9 | 72·4 | 66·2 | 86·2 | +1·9 | 68·1 | +1·4 | 92·2 | 63·9 | 70 | +4 | 2·4 | 0 | —0·1 | 0 | —0·05 | 0 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 29·256 | +·047 | S 27° E | 3·2 | 65·9 | 53·3 | 88·1 | +2·7? | 58·0 | —1·3 | 95·6 | 50·5 | 39 | —10 | 1·0 | 0 | —0·1 | 0 | —0·05 | 0 |
| Jodhpur | 29·254 | +·049 | N 48° E | 1·2 | 67·4 | 52·5 | 89·7 | 0 | 59·3 | +0·8 | 94·7 | 53·9 | 30 | —8 | 1·1 | 0 | —0·2 | 0 | —0·12 | 0 |
| Jaipur | 28·609 | +·051 | N | 1·6 | 65·0 | 54·9 | 86·0 | —0·5 | 54·5 | —1·2 | 91·8 | 48·4 | 48 | —3 | 0·9 | 0 | —0·3 | 0 | —0·15 | 0 |
| Ajmer | 28·408 | +·027 | Calm | 1·2 | 53·7 | 47·2 | 84·2 | — 0·2 | 53·0 | +0·6 | 89·8 | 47·4 | 60 | —3 | 0·3 | 0 | —0·4 | 0 | —0·18 | 0 |
| Kotah | 29·187 | +·032 | Calm | 0·6 | 69·0 | 57·1 | 87·9 | —0·3 | 59·3 | —0·9 | 93·2 | 53·4 | 43 | —4 | 0·7 | 0 | —0·3 | 0 | —0·08 | 0 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29·569 | +·057 | N 67° E | 3·0 | 69·3 | 58·5 | 92·5 | +0·2 | 56·7 | —1·2 | 95·0 | 52·3 | 49 | +8? | 0·8 | 0 | —0·2 | 0 | —0·11 | 0 |
| Bhuj | 29·687 | +·044 | N 22° W | 2·4 | 75·8 | 65·3 | 89·8 | +0·1 | 59·2 | —3·8 | 94·0 | 55·5 | 54 | —4 | 0·7 | 0 | —0·2 | 0 | —0·09 | 0 |
| Jamnagar | .. | .. | N 65° E | 4·4 | 76·4 | 64·0 | 88·9 | —1·1 | 61·0 | —1·8 | 93·3 | 57·6 | 48 | —6 | 0·3 | 0 | —0·1 | 0 | —0·01 | 0 |
| Dwarka | 29·991 | +·037 | N 31° E | 5·5 | 76·1 | 69·3 | 89·2 | +2·7 | 69·6 | +1·5 | 93·2 | 65·5 | 69 | —2 | 1·4 | 0 | 0 | 0 | —0·01 | 0 |
| Rajkot | 29·569 | +·031 | N 71° E | 2·7 | 72·1 | 59·5 | 90·6 | —0·2 | 60·0 | +0·4 | 93·4 | 56·3 | 43 | —7 | 1·2 | 0 | —0·3 | 0 | —0·21 | 0 |
| Veraval | 29·983 | +·043 | N 26° E | 5·5 | 74·7 | 62·9 | 88·5 | —0·3 | 68·2 | +0·7 | 94·1 | 65·4 | 48 | —6 | 0·6 | 0 | —0·1 | 0 | —0·23 | 0 |
| Bhavnagar Para | 29·973 | +·053 | N 85° E | 2·2 | 69·5 | 58·0 | 90·4 | —0·8 | 59·8 | —3·2? | 93·0 | 57·4 | 46 | —8 | 0·9 | 0 | —0·2 | 0 | —0·16 | 0 |
| Surat | 29·972 | +·046 | N 83° E | 1·8 | 72·0 | 60·8 | 92·0 | +0·6 | 64·7 | +1·2 | 93·9 | 62·2 | 49 | —11 | 1·0 | 0 | —0·3 | 0 | —0·22 | 0 |
| Ahmadabad | 29·877 | +·058 | N 81° E | 3·2 | 71·7 | 59·1 | 92·1 | —0·8 | 64·2 | —1·3 | 95·6 | 59·3 | 43 | —3 | 0·3 | 0 | —0·3 | 0 | —0·13 | 0 |
| Bombay | 29·942 | +·034 | S 89° E | 5·4 | 75·2 | 69·6 | 87·6 | +0·4 | 73·1 | —0·4 | 91·2 | 70·5 | 74 | +1 | 1·8 | 0 | —0·7 | 0 | —0·44 | 0 |
| Ratnagiri | 29·739 | +·028 | S 76° E | 5·3 | 79·8 | 67·9 | 90·5 | —0·1 | 70·7 | +0·7 | 96·0 | 67·1 | 52 | —6 | 1·9 | 2 | +1·1 | 0·39 | —0·34 | 0·26 |
| Marmagao | 29·892 | +·040 | S 89° E | 5·0 | 73·3 | 69·3 | 82·7 | —4·0? | 71·4 | —1·6 | 86·2 | 68·3 | 81 | +1 | 3·1 | 2 | +0·2 | 1·34 | +0·35 | 1·13 |
| Karwar | 29·910 | +·042 | N | 0·8 | 70·9 | 68·3 | 88·9 | +1·3 | 68·3 | —1·2 | 93·1 | 61·8 | 87 | +6 | 1·9 | 2 | —0·5 | 1·09 | —0·64 | 0·62 |
| Malegaon | 28·566 | +·033 | S 49° W | 2·9 | 68·1 | 56·5 | 88·2 | +0·7 | 54·9 | —2·0 | 91·7 | 51·0 | 46 | —5 | 1·3 | 0 | —1·0 | 0 | —0·60 | 0 |
| Ahmadnagar | 27·857 | +·041 | S 39° E | 3·8 | 70·5 | 57·2 | 85·0 | —0·5 | 54·9 | —1·9 | 88·8 | 49·5 | 41 | —15 | 0·9 | 0 | —1·2 | 0·01 | —0·61 | 0·01 |
| Poona | 28·157 | +·048 | S 82° E | 2·6 | 66·0 | 57·5 | 86·5 | —0·2 | 56·6 | —2·2 | 89·2 | 51·7 | 58 | —3 | 2·9 | 0 | —1·6 | 0·10 | —0·78 | 0·05 |
| Sholapur | 28·397 | +·041 | S 67° E | 3·7 | 70·6 | 61·0 | 84·4 | —3·2 | 60·1 | —2·0 | 91·4 | 54 4 | 55 | +4? | 3·5 | 3 | +1·7 | 6·25 | +5·38 | 2·90 |
| Bijapur | 28·027 | +·033 | S 68° E | 1·8 | 70·3 | 62·5 | 81·9 | —4·4 | 59·9 | —1·2 | 84·4 | 54·3 | 64 | —1 | 1·7 | 3 | +1·4 | 2·80 | +1·95 | 1·53 |
| Belgaum | 27·435 | +·048 | N 74° E | 2·5 | 68·0 | 61·3 | 80·5 | —1·9 | 59·1 | —2·0 | 83·0 | 53·2 | 68 | +6 | 2·7 | 5 | +2·9 | 5·03 | +3·63 | 3·02 |

# TABLE B.—NOVEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 28·405 | +·042 | Calm | 0·6 | 68·7 | 56·6 | 84·6 | —0·3 | 54·3 | —0·5 | 88·5 | 50·2 | 45 | —3 | 0·4 | 0 | —0·3 | 0 | —0·17 | 0 |
| Indore | 28·191 | +·040 | N 67° E | 1·1 | 67·9 | 58·7 | 84·4 | +0·7 | 52·8 | —1·5 | 86·1 | 50·1 | 56 | +1 | 0·2 | 0 | —0·7 | 0 | —0·42 | 0 |
| Nowgong | 29·280 | +·051 | S 37° W | 0·5 | 60·6 | 53·9 | 82·2 | —0·1 | 50·5 | —2·5 | 86·4 | 45·6 | 62 | —8 | 0·9 | 0 | —0·7 | 0 | —0·37 | 0 |
| Sutna | 28·976 | +·049 | N 59° W | 0·8 | 61·5 | 54·1 | 80·2 | —1·2 | 51·7 | —2·4 | 83·8 | 45·8 | 61 | —3 | 0·3 | 0 | —0·7 | 0 | —0·35 | 0 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | .. | .. | N 72° E | 2·9 | 71·5 | 56·8 | 83·0 | +0·7 | 60·6 | —1·3 | 84·8 | 56·7 | 37 | .. | 1·5 | 0 | —1·0 | 0 | —0·59 | 0 |
| Akola | 29·100 | +·051 | S 78° E | 2·2 | 67·4 | 55·7 | 88·8 | +1·2 | 54·9 | —2·2 | 91·0 | 49·7 | 43 | —13 | 1·4 | 0 | —0·8 | 0 | —0·44 | 0 |
| Amraoti | 28·807 | +·054 | N 54° E | 3·1 | 71·7 | 56·7 | 86·6 | +0·1 | 60·9 | —0·8? | 88·6 | 56·0 | 35 | —14 | 1·1 | 0 | —1·0 | 0 | —0·54 | 0 |
| Khandwa | 28·975 | +·049 | S 73° E | 2·3 | 66·2 | 56·5 | 88·8 | +1·3 | 52·9 | —3·1 | 91·0 | 49·9 | 51 | —4 | 1·3 | 0 | —0·8 | 0 | —0·50 | 0 |
| Hoshangabad | 29·047 | +·067 | E | 1·3 | 61·2 | 54·0 | 85·4 | +1·1 | 54·0 | —2·7 | 88·7 | 50·6 | 60 | —5 | 0·7 | 0 | —0·7 | 0 | —0·57 | 0 |
| Saugor | 28·171 | 0? | S 17° E | 2·3 | 64·3 | 52·3 | 83·3 | +1·1 | 57·3 | —0·5? | 87·4 | 53·0 | 41 | —8 | 0·7 | 0 | —0·7 | 0 | —0·49 | 0 |
| Jubbulpore | 28·676 | + 034 | S 48° E | 0·9 | 58·7 | 51·8 | 80·7 | —1·3 | 50·1 | —2·4 | 84·5 | 45·8 | 60 | —13 | 0·3 | 0 | —0·9 | 0 | —0·53 | 0 |
| Seoni | 27·990 | +·055 | N 33° E | 2·3 | 64·7 | 54·2 | 80·5 | —1·2 | 52·4 | —2·7 | 83·4 | 48·3 | 48 | —12 | 0·4 | 0 | —0·9 | 0 | —0·57 | 0 |
| Nagpur | 29·017 | +·066 | N 42° E | 2·3 | 68·0 | 55·7 | 85·6 | +0·2 | 56·0 | —3·6 | 87·6 | 52·5 | 41 | —18 | 0·8 | 0 | —1·0 | 0 | —0·70 | 0 |
| Pendra | 27·977 | +·048 | N 45° E | 2·0 | 64·4 | 54·0 | 78·7 | —0·8 | 52·5 | —2·7 | 81·7 | 47·4 | 48 | —8 | 2·5 | 0 | —0·9 | 0 | —0·41 | 0 |
| Raipur | 29·054 | +·059 | N 45° E | 0·9 | 66·3 | 57·1 | 82·5 | —0·7 | 57·5 | —2·7 | 84·7 | 53·6 | 53 | —12 | 1·0 | 0 | —0·9 | 0 | —0·39 | 0 |
| Chanda | 29·398 | +·053 | N 23° E | 0·8 | 66·0 | 58·8 | 84·3 | —1·1 | 53·7 | —4·7 | 87·1 | 49·4 | 63 | —8 | 1·4 | 0 | —1·3 | 0 | —0·72 | 0 |
| Jagdalpur | 28·187 | .. | N 57° E | 0·9 | 62·7 | 58·0 | 80·5 | .. | 52·0 | .. | 84·4 | 47·1 | 75 | .. | 0·9 | 0 | —1·0 | 0 | —0·54 | 0 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 28·111 | +·034 | S 85° E | 4·6 | 70·4 | 56·1 | 86·7 | 0 | 58·2 | —0·3 | 90·4 | 53·0 | 37 | —11 | 1·7 | 0 | —0·8 | 0 | —0·63 | 0 |
| Nizamabad | 28·759 | ? | N 64° E | 1·4 | 67·9 | 61·5 | 82·7 | —2·3 | 55·2 | —4·1 | 86·1 | 49·5 | 67 | —2 | 1·6 | 1 | +0·2 | 0·79 | +0·18 | 0·79 |
| Gulbarga | 28·482 | +·040 | N 79° E | 5·6 | 69·8 | 61·0 | 85·6 | —1·8 | 59·6 | —2·9 | 90·7 | 54·2 | 59 | —4 | 1·3 | 2 | +0·7 | 2·80 | +2·08 | 2·15 |
| Raichur | 28·671 | +·057 | S 85° E | 5·0 | 72·1 | 64·9 | 84·7 | —1·8 | 65·7 | —1·5 | 87·8 | 62·1 | 66 | +2 | 2·0 | 1 | —0·6 | 2·75 | +2·00 | 2·75 |
| Hyderabad (Deccan) | 28·283 | +·057 | S 62° E | 2·4 | 69·2 | 62·6 | 80·9 | —3·8 | 59·0 | —3·2 | 84·8 | 50·4 | 68 | —1 | 1·9 | 2 | 0 | 1·54 | +0·72 | 1·00 |
| Hanamkonda | 29·140 | +·066 | N 13° W | 1·8 | 71·1 | 64·3 | 82·7 | —3·0 | 61·1 | —2·9 | 87·5 | 56·9 | 67 | +4 | 1·8 | 3 | +1·9 | 2·73 | +2·06 | 1·50 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·574 | +·048 | S 70° E | 3·2 | 70·3 | 63·3 | 80·9 | —2·0 | 62·9 | —1·2 | 85·1 | 57·9 | 67 | —2 | 2·3 | 6 | +2·8 | 6·41 | +4·64 | 2·75 |
| Hassan | 26·861 | +·050 | N 88° E | 2·7 | 69·9 | 63·8 | 79·9 | —0·4 | 59·2 | —0·8 | 84·0 | 53·5 | 71 | —5 | 3·4 | 2 | —2·3 | 1·41 | —1·22 | 0·70 |
| Bangalore | 26·985 | +·046 | N 67° E | 4·7 | 67·5 | 62·5 | 80·2 | +0·6 | 60·0 | —19 | 84·3 | 53·9 | 75 | —3 | 3·6 | 3 | —1·4 | 4·28 | +1·62 | 2·81 |
| Mysore | 27·451 | +·032 | N 58° E | 3·9 | 70·3 | 64·4 | 81·3 | —1·3 | 62·3 | —1·7 | 86·0 | 56·9 | 72 | —5 | 4·0 | 5 | +1·7 | 1·58 | —0·63 | 0·68 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·872 | +·036 | S 87° E | 4·1 | 78·1 | 71·1 | 89·0 | +0·9 | 72·0 | —0·5 | 92·6 | 67·2 | 70 | —3 | 2·8 | 3 | —1·2 | 1·21 | —1·64 | 0·71 |
| Calicut | 29·915 | +·048 | S 63° E | 2·3 | 77·3 | 73·9 | 86·4 | —0·7 | 73·4 | —0·1 | 88·8 | 68·5 | 85 | +3 | 5·1 | 4 | —1·9 | 4·58 | —0·24 | 2·40 |
| Cochin | 29·934 | +·049 | N 87° E | 2·1 | 79·5 | 74·3 | 88·1 | +0·4 | 74·2 | —0·2 | 92·5 | 71·6 | 78 | —2 | 4·0 | 7 | —1·3 | 3·07 | —3·10 | 0·66 |
| Trivandrum | 29·742 | +·053 | N 44° E | 2·1 | 77·0 | 73·9 | 83·4 | +0·8 | 73·9 | —0·2 | 88·4 | 70·9 | 86 | +1 | 5·8 | 6 | —3·3 | 4·45 | —1·92 | 1·15 |
| Pamban | 29·903 | +·048 | N 4° W | 12·0 | 78·7 | 76·4 | 87·5 | +2·6? | 77·1 | +1·4? | 89·6 | 75·4 | 89 | +4 | 5·4 | 7 | —5·3 | 4·58 | —6·60 | 1·38 |
| Madura | 29·494 | +·054 | N 25° E | 3·3 | 76·2 | 72·1 | 86·9 | —0·5 | 71·9 | —0·5 | 89·7 | 67·8 | 81 | +4 | 5·9 | 6 | —1·4 | 11·57 | +6·77 | 6·66 |
| Pudukkottai | 29·633 | +·041 | N 18° E | 4·2 | 75·6 | 69·8 | 86·0 | —0·5 | 71·1 | —0·8 | 89·8 | 66·2 | 73 | —7 | 1·9 | 1 | —7·5 | 0·42 | —5·17 | 0·26 |
| Negapatam | 29·931 | +·064 | N 9° W | 8·6 | 77·1 | 71·8 | 83·3 | —1·2 | 73·0 | —1·3 | 85·1 | 69·5 | 77 | —5 | 5·1 | 10 | —2·1 | 4·47 | —11·32 | 0·90 |
| Trichinopoly | 29·716 | +·062 | N 24° E | 2·7 | 78·0 | 71·7 | 88·6 | +1·3 | 71·3 | —0·6 | 91·8 | 65·2 | 72 | —7 | 3·6 | 3 | —5·0 | 1·80 | —3·29 | 0·87 |

# TABLE B.—NOVEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV.—Madras—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Coimbatore | 28·624 | +·060 | N 41° E | 2·3 | 74·1 | 68·9 | 85·1 | —0·9 | 67·9 | —0·9 | 88·0 | 62·3 | 76 | —9 | 4·1 | 5 | —1·6 | 4·27 | +0·84 | 2·00 |
| Salem | 29·051 | +·063 | N 45° E | 2·5 | 74·2 | 68·7 | 87·2 | —0·3 | 67·0 | —1·7 | 90·2 | 60·9 | 74 | —4 | 2·8 | 3 | —2·8 | 3·76 | +0·18 | 2·66 |
| Cuddalore | 29·940 | +·067 | N 16° W | 6·1 | 75·8 | 71·3 | 83·8 | —1·2 | 71·1 | —0·9 | 86·0 | 65·2 | 79 | —8 | 5·3 | 5 | —5·7 | 5·03 | —8·26 | 1·75 |
| Vellore | 29·278 | +·064 | N 68° W | 1·3 | 71·9 | 68·9 | 84·9 | +0·4 | 65·5 | —3·2 | 87·8 | 57·0 | 85 | +1 | 2·7 | 4 | —3·9 | 3·88 | —2·27 | 2·43 |
| Madras | 29·956 | +·059 | N 19° W | 4·5 | 76·9 | 72·3 | 85·0 | —0·2 | 69·8 | —2·4 | 86·9 | 63·4 | 79 | —4 | 4·0 | 3 | —8·2 | 4·13 | —9·17 | 2·36 |
| Cuddapah | 29·562 | +·059 | S 45° W | .. | 73·6 | 69·3 | 86·7 | —2·0 | 67·3 | —1·9 | 89·9 | 60·3 | 79 | +4 | 3·0 | 2 | —3·2 | 2·49 | —0·98 | 2·23 |
| Bellary | 28·510 | +·058 | S 66° E | (e) 1·8 | 71·9 | 66·5 | 85·1 | —2·3 | 64·1 | —1·6 | 89·8 | 58·7 | 75 | +10 | 2·2 | 5 | +1·9 | 3·62 | +1·58 | 1·30 |
| Kurnool | 29·058 | +·053 | N 45° E | 0·2 | 70·5 | 66·2 | 86·8 | —1·4 | 64·2 | 0 | 90·0 | 56·8 | 78 | +6 | 2·0 | 2 | —0·2 | 0·62 | —0·49 | 0·34 |
| Nellore | 29·920 | +·057 | N 33° W | 2·4 | 74·6 | 70·6 | 84·5 | —1·6 | 68·8 | —2·7 | 85·9 | 64·3 | 81 | —2 | 3·5 | 3 | —4·9 | 2·83 | —7·07 | 1·52 |
| Masulipatam | 29·999 | +·065 | N 25° E | 3·0 | 74·4 | 68·9 | 84·1 | —1·2 | 67·9 | —3·2 | 85·8 | 63·2 | 75 | —5 | 1·9 | 3 | —1·3 | 3·25 | —1·90 | 2·00 |
| Cocanada | 29·987 | +·067 | N 29° E | 3·7 | 74·6 | 67·9 | 82·3 | —0·6 | 68·1 | —2·6 | 84·2 | 64·7 | 69 | —5 | 2·4 | 2 | —2·2 | 1·65 | —3·32 | 1·50 |
| Vizagapatam | 29·980 | +·069 | N 42° W | 4·6 | 76·4 | 67·5 | 83·9 | —0·5 | 70·3 | —2·0 | 87·3 | 65·3 | 61 | —2 | 2·9 | 0 | —3·5 | 0·05 | —3·24 | 0·05 |
| Calingapatam | 29·999 | .. | N 23° W | 4·1 | 71·1 | 66·7 | 85·2 | .. | 64·6 | .. | 89·0 | 60·8 | 79 | .. | 1·6 | 0 | —1·8 | 0 | —2·54 | 0 |
| Gopalpur | 29·973 | +·065 | N 1° E | 5·3 | 70·9 | 64·0 | 85·0 | +1·5 | 63·4 | —2·9 | 91·3 | 60·2 | 67 | —11? | 1·0 | 0 | —2·9 | 0 | —3·89 | 0 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser (f) | (g) 29·985 | .. | N 3° W | .. | 77·9 | 72·1 | .. | .. | .. | .. | .. | .. | 71 | .. | 2·4 | 0 | —1·7 | 0 | —1·80 | 0 |
| Port Blair | 29·839 | +·015 | N 19° E | 5·8 | 79·9 | 75·7 | 85·0 | —1·6 | 75·8 | —1·2 | 87·4 | 71·5 | 81 | —4 | 4·4 | 8 | —4·0 | 4·65 | —4·79 | 1·30 |
| Table Island | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | 27·589 | .. | S 21° W | 0·6 | 48·5 | 45·9 | .. | .. | 45·6 | .. | .. | 37·7 | 82 | .. | 2·3 | 1 | —1·0 | 0·47 | —0·41 | 0·47 |
| Srinagar | 25·036 | +·034 | S 47° E | 1·7 | 39·2 | 37·5 | 58·7 | —2·6 | 32·6 | +0·5 | 63·5 | 27·8 | 85 | —2 | 3·5 | 1 | —0·4 | 0·21 | —0·27 | 0·12 |
| Gulmarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dras | 20·927 | +·061 | N 31° W | 1·0 | 18·6 | .. | 36·7 | —7·6 | 14·5 | —1·4 | 39·7 | 6·0 | .. | .. | 3·7 | 2 | +0·9 | 0·40 | —0·06 | 0·15 |
| Leh | 19·798 | +·033 | N 45° E | 1·8 | 26·7 | .. | 46·1 | —1·6 | 19·8 | —0·9 | 50·8 | 16·0 | .. | .. | 3·4 | 0 | —0·2 | 0·06 | +0·03 | 0·03 |
| Skardu | 23·022 | +·019 | S 15° E | 2·1 | 31·3 | .. | 53·1 | —1·7 | 27·8 | —2·4 | 58·0 | 25·7 | .. | .. | 3·3 | 0 | —0·2 | 0 | —0·07 | 0 |
| Gilgit | 25·342 | +·055 | Calm. | 0·3 | 45·6 | 38·7 | 63·2 | —0·1 | 40·2 | —2·6 | 67·8 | 36·6 | 51 | +5 | 2·3 | 0 | —0·2 | 0·01 | —0·04 | 0·01 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·538 | .. | S 11° W | 1·7 | 47·7 | 40·2 | 70·9 | .. | 44·0 | ... | 78·1 | 38·8 | 50 | .. | 3·1 | 0 | —0·7 | 0·07 | —0·21 | 0·05 |
| Quetta | 24·741 | +·005 | S 23° W | 1·3 | 37·5 | (m) 37·0 | 64·6 | —1·2 | 34·9 | +1·7 | 73·5 | 30·1 | (m) 78 | +23 | 3·4 | 3 | +2·0 | 0·56 | +0·20 | 0·20 |
| Chaman | 25·798 | +·013 | S 81° E | 4·1 | 50·7 | (e) 42·1 | 68·1 | +0·7 | 46·6 | +3·9 | 77·5 | 35·8 | (e) 47 | +2 | 2·9 | 1 | —0·1 | 0·27 | —0·07 | 0·19 |
| Kalat | 23·822 | .. | S 14° W | 3·4 | 36·4 | (t) 36·2 | 62·6 | —4·6 | .. | .. | 69·5 | .. | (t) 78 | .. | 2·6 | 4 | +2·8 | 0·86 | +0·46 | 0·34 |
| Dalbandin | 27·246 | .. | N 41° E | 2·8 | 49·7 | 43·5 | 76·6 | .. | 47·4* | .. | 86·8 | 40·1 | 61 | .. | 1·8 | 1 | +0·4 | 0·20 | —0·04 | 0·13 |
| Pasni | .. | .. | N 17° W | 4·6 | 71·5 | 63·2 | 86·1 | .. | 63·4 | .. | 98·9 | 53·3 | 61 | .. | 1·5 | 1 | +0·6 | 0·92 | +0·83 | 0·92 |
| Panjgur | 26·858 | .. | N 56° E | 4·3 | 51·2 | 45·0 | 75·8 | .. | (e) 48·0 | .. | 85·0 | 41·6 | 60 | .. | 2·2 | 0 | .. | 0·01 | .. | 0·01 |
| Sibi (c) | 28·320 | .. | N 39° W | 5·2 | 49·7 | (e) 44·3 | 73·7 | .. | 45·5 | .. | 88·0 | 33·8 | (e) 61 | .. | 2·9 | 1 | .. | 0·25 | .. | 0·18 |
| **Hill stations excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachinar | 24·550 | +·033 | Calm | 0·3 | 49·4 | 42·0 | 64·2 | —1·4 | 40·3 | —0·7 | 71·2 | 34·5 | 54 | +10 | 4·2 | 1 | —0·7 | 0·15 | —0·45 | 0·15 |
| Cherat | 25·833 | +·042 | N 2° E | 4·0 | 54·9 | 45·9 | (e) 62·5 | (e) —4·5 | 49·8 | —0·1 | 71·5 | 40·5 | 49 | +6 | 0·4 | 1 | +0·3 | 0·55 | +0·31 | 0·55 |
| Drosh (c) | 25·202 | .. | E | 1·1 | 49·4 | 41·7 | 65·2 | —0·4 | 46·2 | +1·8 | 74·9 | 41·0 | 48 | —1 | 1·9 | 0 | —1·4 | 0 | —0·38 | 0 |

(c) Aneroid.
(e) Mean of 29 days.
(f) Mean of 28 days.
(g) Mean of 27 days.
*Mean of 16 days.
(m) Mean of 21 days
(t) Mean of 14 days.

# TABLE B.—NOVEMBER 1921—*concld.*

## *Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction | Mean velocity, miles per hour. | Mean of 8 hrs dry bulb. | Mean of 8 hrs wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill station excluding Kashmir and Baluchistan—*contd.*** | | | | | | | | | | | | | | | | | | | | |
| Murree | 24·091 | +·028 | N 11° E | (f) 1·5 | 50·4 | 43·1 | 58·5 | —2·3 | (y) 49·7 | (y) +2·5 | 64·4 | 42·7 | 56 | +18 | 2·9 | 1 | —0·2 | 0·27 | —0·57 | 0·22 |
| Simla | 23·187 | +·041 | .. | .. | 49·5 | 38·3 | 54·8 | —1·3 | 44·9 | 0 | 60·9 | 42·5 | 33 | —8 | 1·8 | 0 | —1·1 | 0 | —0·54 | 0 |
| Sarain | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kalabagh | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chakrata | 23·477 | ? | N 65° E | 6·4 | 51·2 | 42·8 | 61·4 | +0·5 | 44·0 | +0·1 | 67·4 | 40·0 | 50 | —1 | 1·4 | 0 | —0·9 | 0 | —0·61 | 0 |
| Mukteswar | 22·902 | +·017 | N 78° W | 4·7 | 48·6 | 42·8 | 58·8 | —1·6 | (h) 41·1 | (h) —2·0 | 65·1 | 32·1 | 63 | +16 | 1·6 | 0 | —0·7 | 0 | —0·45 | 0 |
| Darjiling | 23·032 | +·030 | N 43° E | 0·7 | 46·9 | 43·8 | .. | .. | 42·8 | +0·1 | .. | 40·6 | 79 | +2 | 2·7 | 0 | —1·2 | 0 | —0·90 | 0 |
| Kalimpong | 26·134 | .. | .. | .. | 55·8 | 52·5 | 66·5 | .. | 52·5 | .. | 71·8 | 50·2 | 81 | .. | 1·7 | ? | .. | ? | .. | ? |
| Shillong | 25·262 | +·080 | S 13° E | 1·4 | 55·9 | 51·8 | 65·6 | —1·1 | 46·3 | 0 | 70·1 | 41·5 | 76 | +1 | 1·4 | 2 | —0·6 | 1·22 | —0·23 | 0·96 |
| Cherrapunji | 25·763 | +·032 | N 72° E | 0·9 | 61·2 | 54·6 | 67·2 | —0·5 | 55·7 | +1·7 | 71·3 | 50·3 | 65 | —5 | 0·7 | 0 | —1·5 | 0 | —2·35 | 0 |
| Netarhat | 26·517 | .. | N 30° W | 9·3 | 60·8 | 53·1 | 68·9 | .. | 54·8 | .. | 76·8 | 51·7 | 59 | .. | 0 | 0 | .. | 0 | .. | 0 |
| Maymyo | 26·481 | +·020 | S 23° E | 0·5 | 56·6 | 55·3 | 70·6 | —2·9 | 50·7 | —1·5 | 75·8 | 40·6 | 92 | +3 | 4·8 | 5 | —0·1 | 3·63 | +0·56 | 2·05 |
| Pachmarhi | 26·548 | +·033 | N 84° E | 1·5 | 59·7 | 52·2 | 75·6 | +1·8 | 47·2 | —3·3 | 78·0 | 43·1 | 59 | +4 | 0·4 | 0 | —1·1 | 0 | —0·68 | 0 |
| Mount Abu | 26·156 | +·034 | N 64° E | 1·6 | 66·8 | 53·2 | 73·2 | —0·5 | 57·2 | —1·1 | 76·0 | 53·8 | 39 | —1 | 0·8 | 0 | —0·3 | 0 | —0·21 | 0 |
| Mercara | 26·238 | +·039 | N 61° E | 3·3 | 63·5 | 59·8 | 75·2 | —0·8 | 59·1 | —1·1 | 78·9 | 54·2 | 81 | —2 | 6·9 | 5 | 0 | 1·44 | —1·40 | 0·47 |
| Ootacamund | 23·051 | +·041 | S 43° E | 1·5 | 57·8 | 51·5 | 66·0 | +2·7 | 45·7 | —1·9 | 70·2 | 35·0 | 67 | —8 | 3·9 | 4 | —4·9 | 4·97 | +0·34 | 1·84 |
| Kodaikanal | 22·806 | +·016 | S 86° E | 6·7 | 55·9 | 51·1 | 62·8 | +1·8 | 48·0 | —0·9 | 66·9 | 40·2 | 74 | —6 | 5·0 | 6 | —4·8 | 3·70 | —3·66 | 1·76 |
| **Extra India.** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee | 29·838 | +·059 | N 36° W | 4·6 | 77·3 | 74·2 | 83·7 | —1·7 | 74·4 | —0·2 | 89·0 | 70·8 | 86 | —2 | 7·9 | 17 | +3·3 | 11·46 | —2·91 | 2·22 |
| Colombo | 29·906 | +·040 | N 27° E | 3·5 | 74·6 | 72·6 | 88·1 | +1·5 | 73·1 | —1·0 | 91·4 | 69·7 | 90 | +7 | 4·7 | 6 | —6·9 | 3·51 | —9·23 | 1·81 |
| Hambantota | 29·848 | .. | N 7° E | 6·4 | 74·6 | 72·8 | 85·6 | +0·1 | 73·7 | +0·2 | 88·0 | 70·8 | 91 | .. | 5·5 | 8 | .. | 5·10 | —1·58 | 1·94 |
| Minicoy | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Amini Divi | 29·911 | +·024 | N 40° E | 2·6 | 82·8 | 75·8 | 88·0 | +2·0 | 74·3 | —1·1 | 90·4 | 69·5 | 71 | —4 | 3·4 | 4 | +0·3 | 1·84 | —0·27 | 0·93 |
| Gyantse | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pharijong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gangtok | 24·376 | —·153 | N 72° E | 1·1 | 51·7 | 47·4 | 65·1 | +0·4 | 48·6 | +7·8 | 69·7 | 45·3 | 75 | —2 | 2·7 | 1 | —3·1 | 0·10 | —2·10 | 0·10 |
| Gartok (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgar (c) | 25·677 | —·073 | N 27° E | 0·3 | 37·6 | 34·1* | 54·5 | +1·0 | 27·9 | —1·1 | 65·3 | 22·3 | 56* | .. | 2·9 | 0 | 0 | 0 | —0·01 | 0 |
| Kabul (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed | .. | .. | N 85° E | 1·6 | (e) 39·1 | (h) 97·4 | 60·4 | —1·9 | 34·7 | —0·6 | 79·4 | 21·5 | (h) 79 | +6 | 4·8 | 2 | +0·4 | 0·42 | —0·18 | 0·19 |
| Jask | 30·022 | +·015 | N 21° E | 7·3 | 71·4 | 66·8 | 83·5 | +0·1 | 62·0 | —7·0 | 91·7 | 54·5 | 78 | +11 | 2·3 | 5 | +4·4 | 2·88 | +2·56 | 1·15 |
| Muscat | 30·037 | +·036 | N 45° W | 8·6 | 76·0 | 68·3 | 85·5 | +3·0 | 73·3 | —1·9 | 92·3 | 67·6 | 66 | 0 | 1·4 | 2 | +1·1 | 0·98 | +0·59 | 0·78 |
| Bushire | 30·034 | +·032 | N 11° E | 4·7 | 65·9 | 61·2 | 76·7 | —1·2 | 63·2 | +0·9 | 92·2 | 56·0 | 76 | 0 | 3·9 | 8 | +5·4 | 7·17 | +5·58 | 3·45 |
| Busrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kerman (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (c) | 24·293 | —·022 | N | 1·6 | 40·7 | 39·2 | 61·5 | —1·8 | 38·6 | +2·0 | 74·4 | 34·2 | 87 | +17 | 2·2 | 2 | +0·5 | 1·19 | +0·55 | 0·90 |
| Tehran (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Baghdad | 29·951 | —·005 | N 20° W | 3·0 | 55·6 | 49·3 | 74,1 | —1·0 | 53·3 | +2·8 | 88·0 | 45·7 | 61 | —6 | 5·0 | 2 | +0·5 | 3·36 | +2·60 | 1·80 |
| Aden | 29·883 | +·002 | N 41° E | 10·5 | 75·7 | 70·0 | 83·6 | —1·4 | 73·2 | —1·7 | 91·8 | 70·5 | 74 | +2 | 4·0 | 0 | —0·2 | 0 | —0·09 | 0 |
| Zanzibar | 29·899 | +·007 | S 45° E | 12·5 | 80·7 | 76·4 | 85·2 | +1·0 | 77·8 | +0·6 | 88·3 | 74·9 | 81 | —1 | 6·8 | 7 | —4·2 | 9·41 | +1·37 | 3·94 |

(c) Aneroid.
(e) Mean of 29 days.
(y) Mean of 7 days.
(f) Mean of 28 days.
(h) Mean of 26 days.
* Mean of 9 days.

# TABLE B.—DECEMBER 1921.

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point | 29·757 | .. | N 48° E | 6·1 | 78·5 | 72·4 | 89·1 | .. | 74·2 | .. | 94·1 | 70·6 | 73 | .. | 3·6 | 0 | —4·8 | 0·11 | —2·05 | 0·06 |
| Mergui | 29·868 | +·001 | N 74° E | 4·7 | 74·5 (x) | 68·9 (x) | 87·6 (x) | +0·6 (x) | 68·9 (x) | +1·6 (x) | 91·3 | 62·6 | 74 (x) | —3 | 1·0 | 0 | —1·2 | 0 | —0·41 | 0 |
| Tavoy | 29·924 | —·009 | N 45° E | 1·6 | 72·5 | 67·7 | 87·5 | +0·2 | 62·8 | —3·2? | 91·0 | 57·2 | 77 | .. | 1·2 | 1 | +0·6 | 0·10 | —0·14 | 0·10 |
| Moulmein | 29·908 | +·014 | N 53° E | 2·7 | 72·4 | 67·2 | .. | .. | 65·8 | —1·2 | .. | 62·5 | 75 | —8 | 1·2 | 0 | —0·3 | 0 | —0·21 | 0 |
| Amherst | .. | .. | N 83° E | 5·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rangoon | 29·970 | +·017 | N 32° E | 3·6 | 70·2 | 65·9 | 87·2 | +0·1 | 67·1 | —0·2 | 89·9 | 63·3 | 78 | —5 | 4·1 | 0 | —0·5 | 0 | —0·36 | 0 |
| Bassein | 29·969 | +·022 | N 60° E | 2·5 | 70·2 | 65·7 | 85·4 | +1·1 | 61·4 | —4·0 | 87·6 | 56·4 | 78 | —8 | 3·7 | 0 | —0·6 | 0 | —0·39 | 0 |
| Diamond Island | 29·924 | +·004 | N 42° E | 6·1 | 76·2 | 72·1 | 83·3 | —0·3 | 72·5 | 0 | 84·6 | 70·0 | 81 | +7 | 6·1 | 0 | —0·8 | 0 | —0·84 | 0 |
| Toungoo | 29·839 | +·012 | N 15° E | 1·0 | 63·7 | 61·1 | 85·1 | +1·9 | 57·9 | —3·7 | 87·1 | 51·2 | 85 | —4 | 1·9 | 0 | —0·5 | 0 | —0·42 | 0 |
| Kyaukpyu | 29·973 | .. | N 24° E | 0·1 | 70·6 | 66·8 | 79·6 | .. | 64·6 | .. | 82·7 | 59·0 | 82 | .. | 5·0 | 0 | —0·6 | 0 | —0·29 | 0 |
| Akyab | 29·972 | +·003 | N 28° E | 1·7 | 64·2 | 62·0 | 78·1 | —3·0 | 60·6 | —2·9 | 81·8 | 58·1 | 88 | —2 | 2·2 | 0 | —0·8 | 0 | —0·70 | 0 |
| Minbu | 29·851 | 0 | N 41° W | 2·0 | 65·8 | 61·0 | 81·1 | —1·8 | 55·1 | —5·4 | 83·3 | 49·9 | 75 | —3 | 1·7 | 0 | —0·7 | 0 | —0·50 | 0 |
| Yamethin | 29·355 | +·012 | .. | .. | 62·4 | 60·3 | 81·9 | —1·9 | 57·4 | —0·6 | 91·3 | 53·6 | 88 | +3 | 1·3 | 0 | —0·8 | 0 | —0·49 | 0 |
| Mandalay | 29·786 | +·022 | Calm | 1·3 | 65·0 | 61·5 | 83·0 | —0·2 | 57·5 | —1·9 | 84·9 | 54·5 | 81 | —5 | 2·0 | 0 | —0·8 | 0 | —0·36 | 0 |
| Monywa | 29·770 | +·015 | N 13° W | 1·1 | 63·2 | 60·4 | 82·4 | +2·1 | 58·0 | —1·5 | 84·4 | 51·7 | 84 | —5 | 3·7 | 0 | —0·8 | 0 | —0·42 | 0 |
| Lashio | 27·205 | +·017 | Calm | 1·8 | 51·3 | 50·3 | 72·5 | —1·3 | 46·1 | —2·0 | 75·1 | 42·9 | 93 | —1 | 2·3 | 0 | —1·4 | 0 | —0·93 | 0 |
| Bhamo | 29·672 | +·012 | Calm | 0·2 | 54·0 | 53·8 | 76·2 | +1·0 | 51·4 | +0·2 | 80·0 | 46·8 | 99 | +5 | 8·6 | 0 | —1·1 | 0 | —0·61 | 0 |
| Myitkyina | 29·567 | —·004 | N 24° E | 1·1 | 56·0 | 54·7 | 75·5 | +0·5 | 50·9 | —0·8 | 78·2 | 47·0 | 91 | +2 | 2·8 | 1 | —0·5 | 0·78 | +0·31 | 0·78 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·696 | —·009 | N 74° E | 0·2 | 56·3 | 55·8 | 73·0 | —0·1 | 53·2 | +2·9 | 78·1 | 50·3 | 97 | +2 | 4·5 | 1 | —0·3 | 1·19 | +0·75 | 1·11 |
| Sibsagar | 29·729 | —·010 | S 45° E | 0·3 | 55·3 | 54·9 | 70·2 | —1·1 | 52·8 | +2·3 | 74·9 | 48·5 | 97 | —2 | 10·0 | 3 | +1·4 | 1·75 | +1·22 | 0·96 |
| Tezpur | 29·811 | +·018 | N 59° E | 0·9 | 57·0 | 56·2 | 74·9 | +0·8 | 54·1 | +1·0 | 79·3 | 49·3 | 95 | +2 | 2·7 | 0 | —0·7 | 0·09 | —0·20 | 0·09 |
| Gauhati | 29·882 | +·019 | N 32° E | 1·0 | 58·3 | 57·8 | 75·6 | +0·3 | 53·6 | +2·3 | 82·8 | 49·1 | 97 | 0 | 8·7 | 0 | —0·6 | 0·03 | —0·18 | 0·03 |
| Dhubri | 29·951 | +·021 | N 79° E | 3·6 | 59·9 | 58·5 | 74·5 | +0·1 | 57·5 | +2·9 | 78·3 | 52·5 | 92 | +2 | 0 | 0 | —0·1 | 0·02 | —0·06 | 0·02 |
| Silchar | 29·962 (d) | +·026 | S 82° E | 0·9 | 62·8 | 60·6 | 79·4 | —0·3 | 54·6 | —0·2 | 82·9 | 50·7 | 88 | —2 | 3·4 | 0 | —0·8 | 0 | —0·43 | 0 |
| Srimangal | 29·974 | .. | .. | .. | 51·4 | 50·6 | 81·9 | +0·9 | 47·2 | —2·4 | 85·2 | 43·4 | 94 | +4 | 2·1 | 0 | —0·8 | 0 | —0·31 | 0 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·967 | .. | N 56° E | 0·9 | 64·0 | 62·0 | 80·5 | .. | 57·7 | .. | 83·7 | 53·4 | 89 | .. | 0·9 | 0 | —1·0 | 0 | —1·06 | 0 |
| Chittagong | 29·945 | +·023 | N 44° E | 1·0 | 60·4 | 59·2 | 78·9 | +0·6 | 56·2 | —1·4 | 81·9 | 52·7 | 93 | +4 | 0·6 | 0 | —0·9 | 0 | —0·80 | 0 |
| Noakhali | 29·998 | +·028 | N 7° E | 0·9 | 64·1 | 61·8 | 79·8 | +1·8 | 57·8 | +3·3 | 82·8 | 54·3 | 87 | —1 | 0·7 | 0 | —0·4 | 0 | —0·31 | 0 |
| Barisal | 30·002 | +·004 | N 39° E | 1·2 | 64·8 | 61·6 | 78·3 | +0·5 | 56·2 | +0·1 | 81·2 | 51·7 | 83 | —3 | 0·7 | 0 | —0·7 | 0 | —0·44 | 0 |
| Narayanganj | 30·011 | +·013 | N 23° W | 0·5 | 63·8 | 60·7 | 78·7 | +0·6 | 58·4 | +1·1 | 81·5 | 54·2 | 83 | —4 | 0·7 | 0 | —0·5 | 0 | —0·19 | 0 |
| Mymensingh | 29·974 | +·007 | Calm | 0 | 60·4 | 58·2 | 78·2 | +1·4 | 57·4 | +2·4 | 81·1 | 53·1 | 87 | —3 | 1·7 | 0 | —0·3 | 0 | —0·08 | 0 |
| Bogra | 29·966 | +·002 | N 23° W | 0·2 | 58·9 | 58·2 | 77·1 | +0·5 | 54·5 | +0·7 | 80·0 | 49·3 | 96 | +13 | 3·2 | 0 | —0·2 | 0 | —0·06 | 0 |
| Dinajpur | 29·939 | +·023 | N 20° W | 0·9 | 59·0 | 57·2 | 77·4 | +0·5 | (d) 53·7 | (d) +2·8 | 80·2 | 45·0 | 89 | +2 | 0·5 | 0 | —0·1 | 0 | —0·07 | 0 |
| Jalpaiguri | 29·760 | +·002 | Calm | 0·2 | 59·6 | 58·1 | 76·6 | +0·9 | 55·9 | +3·3 | 80·1 | 52·6 | 91 | +4 | 0 | 1 | +0·6 | 0·20 | +0·07 | 0·20 |
| Saugor Island | 30·031 | +·010 | N 26° E | 3·0 | 65·8 | 63·0 | 78·8 | +2·2 | 59·8 | +0·8 | 80·4 | 54·7 | 85 | —2 | 1·7 | 0 | —0·6 | 0 | —0·30 | 0 |
| Midnapore | 29·887 | —·002 | N 3° W | 1·1 | 62·1 | 56·6 | 81·8 | +1·8 | 56·6 | +1·1 | 84·3 | 50·8 | 69 | +1 | 0·9 | 0 | —0·3 | 0 | —0·29 | 0 |
| Calcutta | 30·021 | +·001 | N 12° W | 1·5 | 60·3 | 58·0 | 79·2 | +2·2 | 57·1 | +1·1 | 81·4 | 52·9 | 86 | +5 | 2·0 | 0 | —0·4 | 0 | —0·22 | 0 |
| Jessore | 30·015 | +·012 | N | 1·1 | 60·4 | 57·5 | 78·6 | +1·1 | 53·8 | —0·9 | 80·9 | 47·9 | 83 | —1 | 0·4 | 0 | —0·5 | 0 | —0·22 | 0 |
| Khulna | 30·020 | .. | N 12° E | 1·2 | 62·8 | 59·4 | 79·6 | .. | 56·1 | .. | 82·5 | 50·2 | 81 | .. | 0·5 | 0 | .. | 0 | .. | 0 |

x = Mean of 12 days. d = Mean of 30 days.

# TABLE B.—DECEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **III.—Bengal—*concld.*** | | | | | | | | | | | | | | | | | | | | |
| Satkhira | 30·035 | .. | N 27° W | 0·1 | (d) 63·1 | 59·0 | (x) 81·7 | .. | 50·0 | .. | 84·4 | 45·0 | (d) 78 | .. | 1·0 | 0 | .. | 0 | .. | 0 |
| Burdwan | 29·944 | —·004 | N 37° W | 0·4 | 61·1 | 56·6 | 81·4 | +2·9 | 56·2 | +0·1 | 83·6 | 50·2 | 76 | +3 | 1·9 | 0 | —0·3 | 0 | —0·17 | 0 |
| Asansol | 29·616 | .. | .. | .. | 61·5 | 56·2 | 80·4 | .. | 53·3 | .. | 83·7 | 47·6 | 70 | .. | 0·9 | 0 | —0·3 | 0 | —0·12 | 0 |
| Berhampore | 29·994 | +·017 | N 29° W | 0·5 | 62·4 | 59·2 | 77·8 | +1·2 | 55·6 | +0·2 | 80·6 | 50·4 | 82 | —2 | 0 | 0 | —0·3 | 0 | —0·14 | 0 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·999 | +·004 | N 7° W | 0·6 | 62·1 | 58·8 | 83·1 | +3·2 | 56·0 | +0·3 | 86·8 | 51·3 | 81 | +3 | 1·5 | 0 | —0·5 | 0 | —0·24 | 0 |
| Hukitala (False Point) | 30·012 | +·008 | N 1° W | 3·8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·2 | 0 | —0·8 | 0 | —0·67 | 0 |
| Cuttack | 29·961 | +·003 | S 72° W | 0·3 | 62·9 | 60·7 | 81·7 | +0·1 | 58·0 | —0·9 | 85·6 | 53·7 | 87 | +10 | 2·1 | 0 | —0·6 | 0 | —0·32 | 0 |
| Puri | 30·031 | +·022 | N 12° E | 4·0 | 67·2 | 64·2 | 80·8 | +0·3 | 64·2 | +2·1 | 86·1 | 60·6 | 84 | +7 | 1·5 | 0 | —0·5 | 0 | —0·35 | 0 |
| Angul | 29·580 | +·013 | N 54° W | 3·0 | 63·3 | 58·6 | 82·3 | +3·2 | 55·3 | +0·7 | 85·8 | 49·4 | 73 | —6 | 1·0 | 0 | —0·8 | 0 | —0·31 | 0 |
| Sambalpur | 29·538 | —·020? | N 4° E | 0·9 | 60·9 | 57·7 | 82·4 | +2·6 | 51·2 | —2·9? | 85·2 | 45·9 | 81 | +7? | 0·2 | 0 | —0·4 | 0 | —0·24 | 0 |
| Chaibasa | 29·276 | —·010 | S 31° W | 1·2 | 57·4 | 54·7 | 81·0 | +3·5 | 52·8 | +1·8 | 85·1 | 47·8 | 84 | —2 | 1·2 | 0 | —0·5 | 0 | —0·21 | 0 |
| Ranchi | 27·855 | +·006 | N 61° W | 2·3 | 59·2 | 52·6 | 75·7 | +2·4 | 52·7 | +1·5 | 79·4 | 47·9 | 62 | —2 | 1·0 | 0 | —0·6 | 0 | —0·21 | 0 |
| Purulia | (d) 29·224 | +·020? | S 63° W | (d) 0·6 | 62·1 | 54·9 | 81·7 | +3·6 | 55·5 | +2·2 | 85·5 | 49·7 | 59 | —10 | 1·1 | 0 | —0·5 | 0 | —0·14 | 0 |
| Daltonganj | (b) 29·321 | +·006 | S 73° E | 1·9 | 52·2 | 49·9 | 80·1 | +3·4 | 46·1 | +0·2 | 84·3 | 40·4 | 85 | +4 | 0·6 | 0 | —0·5 | 0 | —0·23 | 0 |
| Purnea | 29·926 | —·005 | N 66° W | 0·8 | 56·7 | 55·5 | 76·9 | +1·1 | 50·4 | +1·0 | 80·3 | 45·4 | 93 | +2 | 0·1 | 0 | —0·2 | 0 | —0·14 | 0 |
| Monghyr | (d) 29·889 | .. | S 45° W | 1·5 | 60·9 | 57·2 | 76·2 | .. | 54·9 | .. | 79·2 | 49·9 | 79 | .. | 0·3 | 0 | —0·3 | 0 | —0·46 | 0 |
| Darbhanga | 29·889 | +·003 | S | 0·3 | 58·6 | 56·8 | 76·9 | +2·0 | 53·0 | +0·3 | 79·8 | 47·4 | 90 | +3 | 0·5 | 0 | —0·2 | 0 | —0·09 | 0 |
| Pusa | 29·856 | .. | S 5° E | 1·0 | 56·5 | 55·3 | 77·3 | .. | 50·8 | .. | 80·9 | 44·7 | 93 | .. | 0·4 | 0 | —0·3 | 0·01 | —0·12 | 0·01 |
| Patna | 29·877 | +·011 | S 23° W | 1·8 | 61·1 | 57·5 | 75·4 | +1·1 | 53·7 | +1·9 | 78·9 | 46·8 | 79 | +4 | 0·7 | 0 | —0·3 | 0 | —0·10 | 0 |
| Buxar | 29·809 | —·009 | S 33° W | 2·1 | 57·3 | 54·5 | 78·2 | +2·1 | 53·1 | +2·2 | 82·1 | 44·9 | 82 | +11 | 0·9 | 0 | —0·5 | 0 | —0·21 | 0 |
| Gaya | 29·693 | +·015 | S 81° W | 0·8 | 65·0 | 56·8 | 78·2 | +1·9 | 54·1 | +2·8 | 81·9 | 48·6 | 57 | —15 | 0·5 | 0 | —0·2 | 0 | —0·15 | 0 |
| Naya Dumka | 29·539 | —·001 | Calm | 0·7 | 62·6 | 56·6 | 78·4 | +2·3 | 52·4 | +0·9 | 81·6 | 47·0 | 67 | —6 | 0 | 0 | —0·3 | 0 | —0·12 | 0 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·798 | +·015 | S 78° W | 0·2 | 56·9 | 54·3 | 74·5 | +0·3 | 51·3 | +1·3 | 77·9 | 46·8 | 84 | +3 | 0·5 | 0 | —0·4 | 0 | —0·15 | 0 |
| Benares | 29·782 | —·005 | W | 0·9 | 58·6 | 55·2 | 78·4 | +3·3 | 49·8 | +2·0 | 82·8 | 42·7 | 80 | —1 | 0·8 | 0 | —0·5 | 0 | —0·23 | 0 |
| Allahabad | 29·765 | +·019? | N 73° W | 1·0 | 58·0 | 53·9 | 79·9 | +4·1 | 51·2 | +3·4 | 85·3 | 44·3 | 75 | —2 | 1·8 | 0 | —0·5 | 0 | —0·25 | 0 |
| Cawnpore | 29·632 | —·004 | W | 1·3 | 56·3 | 52·8 | 77·1 | +2·6 | 51·5 | +3·0 | 83·3 | 45·7 | 78 | —7 | 0·2 | 1 | +0·4 | 0·13 | —0·06 | 0·13 |
| Lucknow | 29·678 | —·001 | N 45° W | 2·1 | 55·0 | 52·0 | 78·8 | +3·1 | 49·8 | +3·5 | 86·2 | 45·0 | 80 | +1 | 0·4 | 0 | —0·7 | 0·05 | —0·26 | 0·05 |
| Bahraich | 29·599 | —·024 | N 45° E | 1·4 | 54·3 | 52·4 | 76·3 | +1·1 | 50·6 | +2·9 | 88·4 | 45·1 | 88 | +6 | 0·4 | 1 | +0·3 | 0·19 | —0·11 | 0·19 |
| Jhansi | 29·208 | —·022 | S 60° W | 2·0 | 60·7 | 53·3 | 81·9 | +3·6 | 50·9 | —1·5? | 88·8 | 46·0 | 59 | 0 | 1·5 | 0 | —0·7 | 0 | —0·25 | 0 |
| Agra | 29·487 | —·009 | N 39° E | 1·5 | 60·2 | 54·3 | 77·9 | +2·4 | 53·1 | +4·0 | 84·7 | 45·7 | 66 | —1 | 1·6 | 0 | —0·8 | 0·01 | —0·28 | 0·01 |
| Mainpuri | 29·518 | —·007 | N 15° E | 0·6 | 55·4 | 51·4 | 78·5 | +3·6 | 49·7 | +2·6 | 86·2 | 43·8 | 74 | +1 | 1·7 | 0 | —0·9 | 0·07 | —0·31 | 0·07 |
| Bareilly | 29·442 | —·017 | N 67° W | 1·0 | 55·7 | 52·6 | 72·8 | +0·1 | 50·7 | +4·7 | 79·8 | 43·1 | 80 | —1 | 3·4 | 0 | —0·8 | 0 | —0·33 | 0 |
| Roorkee | 29·114 | —·001 | N 45° W | 0·4 | (l) 51·2 | (l) 49·9 | (l) 71·5 | (l) —1·5? | (l) 48·0 | (l) +4·2 | 76·5 | 39·7 | (l) 91 | +7 | 4·1 | 0 | —1·2 | 0·10 | —0·47 | 0·05 |
| **VI.—Punjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 29·304 | —·013 | S 67° W | 1·6 | 55·7 | 51·5 | 73·3 | 0 | (a) 51·8 | (a) +4·2 | 81·8 | 46·2 | 73 | +10 | 3·3 | 0 | —1·0 | 0 | —0·43 | 0 |
| Hissar | 29·308 | —·013 | S 32° E | 4·4 | 53·1 | 49·6 | 76·6 | +2·4 | 48·5 | +5·5 | 84·6 | 40·2 | 77 | +6 | 2·8 | 1 | +0·2 | 0·25 | —0·05 | 0·16 |
| Patiala | 29·178 | —·032 | S 27° E | 2·5 | 54·4 | 51·4 | 72·2 | +1·0 | 51·2 | +7·0 | 79·4 | 43·8 | 81 | +3 | 4·0 | 2 | +0·9 | 0·94 | +0·60 | 0·52 |
| Ambala | 29·119 | —·006 | N 56° E | 2·7 | 54·1 | 51·1 | 73·0 | +0·9 | 49·8 | +6·3 | 83·2 | 43·0 | 81 | —1 | 5·5 | 0 | —1·4 | 0·08 | —0·51 | 0·04 |
| Ludhiana | 29·203 | —·013 | W | 1·1 | 52·4 | 50·1 | 71·5 | +1·1 | 49·0 | +4·6 | 81·1 | 40·8 | 85 | +10 | 3·2 | 3 | +1·7 | 0·61 | —0·08 | 0.30 |

(d) Mean of 30 days.
(x) Mean of 12 days.
(l) Mean of 22 days.
(b) Mean of 25 days.
(a) Mean of 10 days.

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# TABLE B.—DECEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI.—Punjab—*concld.*** | | | | | | | | | | | | | | | | | | | | |
| Lahore | 29·318 | —·021 | S 83° E | 0·9 | 52·0 | 49·8 | 70·7 | —2·1 | 49·5 | +8·6 | 78·5 | 40·3 | 86 | +4 | 5·8 | 2 | +1·0 | 0·44 | +0·06 | 0·12 |
| Sialkot | 29·195 | —·010 | N 88° E | 0·8 | 52·9 | 51·0 | 67·9 | —1·7 | 47·6 | +4·9 | 78·6 | 38·5 | 88 | +13 | 5·0 | 5 | +3·9 | 1·32 | +0·67 | 0·51 |
| Rawalpindi | 28·389 | —·014 | N 88° W | 1·8 | 47·9 | 46·1 | 64·9 | —2·4 | 42·7 | +5·6? | 74·7 | 38·0 | 87 | +13 | 3·4 | 8 | +6·2 | 5·87 | +4·87 | 2·30 |
| Khushab | 29·442 | —·013 | N 53° E | 2·6 | 52·7 | 50·1 | 69·3 | —2·8 | 44·7 | +2·6? | 78·2 | 37·2 | 83 | +23 | 4·5 | 6 | +5·4 | 2·82 | +2·41 | 1·70 |
| Lyallpur | 29·423 | .. | S 71° W | 1·6 | 50·8 | 48·8 | 69·4 | .. | 47·1 | .. | 77·9 | 41·1 | 87 | .. | 5·4 | 2 | +1·6 | 0·43 | +0·24 | 0·25 |
| Montgomery | 29·471 | —·033 | N 49° E | 1·9 | 52·2 | 49·8 | 70·4 | —2·1 | 49·0 | +6·4 | 79·5 | 41·7 | 84 | +20 | 4·2 | 4 | +3·0 | 0·87 | +0·54 | 0·33 |
| Multan | 29·611 | —·037 | N 16° W | 0·9 | 53·8 | 51·4 | 69·7 | —3·8 | 51·8 | +6·8 | 81·9 | 44·5 | 84 | +15 | 4·5 | 2 | +1·4 | 1·36 | +1·14 | 0·80 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·970 | +·012 | Calm | 0 | 48·4 | 46·8 | 62·7 | —4·3 | 44·7 | +5·5 | 72·6 | 38·3 | 88 | +18 | 5·4 | 8 | +6·9 | 3·99 | +3·49 | 1·02 |
| Dera Ismail Khan | 29·494 | —·001 | N 6° W | 0·5 | 52·1 | 49·2 | 66·9 | —5·4 | 47·6 | +7·1 | 76·2 | 41·4 | 80 | +8 | 3·7 | 5 | +4·4 | 3·75 | +3·55 | 1·33 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·888 | —·008 | N 45° E | 1·0 | 55·4 | 51·8 | 67·6 | —9·1 | 50·3 | +6·0 | 80·7 | 43·0 | 78 | +12 | 1·8 | 4 | +3·6 | 2·46 | +2·32 | 1·85 |
| Hyderabad | 29·969 | —·008 | N | 1·2 | 58·8 | 54·7 | 76·8 | —2·2 | 55·2 | +2·9 | 89·7 | 49·1 | 75 | +20 | 0·4 | 2 | +1·8 | 0·78 | +0·72 | 0·60 |
| Karachi | 30·048 | —·012 | N 41° E | 6·5 | 65·3 | 60·5 | 78·0 | —0·2 | 61·5 | +1·9 | 84·1 | 55·6 | 75 | +17 | 2·9 | 2 | +1·6 | 1·30 | +1·17 | 0·74 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 29·253 | —·020 | S 18° E | 3·5 | 56·2 | 50·1 | 77·8 | +2·7 | 51·5 | +1·1? | 87·0 | 43·3 | 63 | +9 | 3·2 | 0 | —0·4 | 0·02 | —0·18 | 0·02 |
| Jodhpur | 29·244 | —·008 | N 43° E | 2·8 | 59·6 | 50·2 | 81·2 | +1·5 | 54·9 | +2·2 | 87·6 | 46·9 | 47 | +3 | 2·6 | 0 | —0·5 | 0 | —0·13 | 0 |
| Jaipur | 28·591 | —·008 | N 45° E | 2·4 | 59·6 | 51·7 | 79·8 | +2·5 | 52·5 | +3·4 | 83·5 | 42·3 | 56 | —2 | 2·5 | 1 | +0·4 | 0·11 | —0·11 | 0·10 |
| Ajmer | 28·386 | —·034 | S 45° E | 1·0 | 51·4 | 46·9 | 77·7 | +1·5 | 49·8 | +3·3 | 82·8 | 41·8 | 70 | —2 | 0·7 | 0 | —0·5 | 0·07 | —0·24 | 0·07 |
| Kotah | 29·170 | —·033 | S 45° W | 0·1 | 62·1 | 53·6 | 82·8 | +3·6 | 55·4 | +2·1 | 88·6 | 50·6 | 54 | —4 | 1·0 | 0 | —0·7 | 0 | —0·28 | 0 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29·562 | +·006 | N 58° E | 4·1 | 62·4 | 55·5 | 86·5 | +0·8 | 54·8 | +2·2 | 89·8 | 46·6 | 62 | +16 | 1·2 | 0 | —0·1 | 0 | —0·05 | 0 |
| Bhuj | 29·692 | —·001 | N 20° W | 2·5 | 65·8 | 58·9 | 82·2 | +0·2 | 53·9 | —2·1? | 89·6 | 47·1 | 64 | + 7 | 1·0 | 0 | —0·1 | 0 | —0·04 | 0 |
| Jamnagar | .. | .. | N 44° E | 4·4 | 68·5 | 59·5 | 82·5 | +0·5 | 57·7 | +2·4 | 87·3 | 51·6 | 56 | +4 | 0·3 | 0 | —0·2 | 0 | —0·05 | 0 |
| Dwarka | 29·999 | 0 | N 28° E | 6·6 | 69·8 | 63·8 | 82·8 | +1·9 | 65·5 | +4·7? | 87·7 | 57·8 | 71 | +4 | 1·3 | 0 | —0·3 | 0 | —0·05 | 0 |
| Rajkot | 29·577 | —·007 | N 19° E | 3·4 | 62·7 | 55·9 | 85·7 | +0·5 | 55·5 | +2·6 | 91·0 | 47·3 | 63 | +14 | 2·5 | 0 | —0·1 | 0 | —0·04 | 0 |
| Veraval | 29·998 | +·014 | N 20° E | 4·9 | 69·4 | 60·8 | 84·8 | +0·6 | 65·1 | +2·9 | 91·1 | 59·6 | 57 | +6 | 0·8 | 0 | —0·2 | 0 | —0·09 | 0 |
| Bhavnagar Para | 29·973 | +·008 | N 52° W | 2·2 | 64·6 | 56·0 | 86·3 | +0·9 | 57·2 | +0·9 | 90·0 | 51·0 | 55 | +1 | 0·7 | 0 | —0·2 | 0 | —0·08 | 0 |
| Surat | 29·975 | +·008 | N 60° E | 1·1 | 67·1 | 59·3 | 88·3 | +0·6 | 60·9 | +2·6 | 91·1 | 56·0 | 60 | —4 | 1·0 | 0 | —0·1 | 0 | —0·04 | 0 |
| Ahmadabad | 29·875 | +·011 | N 65° E | 2·8 | 67·0 | 57·9 | 87·1† | +0·7 | 61·0 | +1·5 | 89·8 | 55·7 | 55 | +8 | 0·1 | 0 | 0 | 0 | —0·03 | 0 |
| Bombay | 29·944 | —·002 | N 81° E | 5·8 | 72·5 | 66·7 | 85·4 | +0·7 | 70·7 | +0·7 | 89·0 | 67·2 | 73 | +1 | 0·9 | 0 | —0·2 | 0 | —0·06 | 0 |
| Ratnagiri | 29·742 | —·007 | S 86° E | 6·1 | 76·7 | 63·9 | 90·4 | +1·1 | 68·5 | +1·2 | 93·3 | 66·5 | 46 | —9 | 1·2 | 0 | —0·3 | 0 | —0·09 | 0 |
| Marmagao | 29·892 | +·005 | N 88° E | 4·8 | 71·2 | 66·6 | 81·8 | —4·0? | 69·3 | —1·2 | 84·3 | 67·6 | 77 | +1 | 3·7 | 0 | —0·4 | 0 | —0·19 | 0 |
| Karwar | 29·927 | +·023 | N 11° E | 1·1 | 68·5 | 64·9 | 88·8 | +1·2 | 65·8 | —0·6 | 91·6 | 61·6 | 81 | +5 | 0·3 | 0 | —0·4 | 0 | —0·24 | 0 |
| Malegaon | 28·554 | —·012 | S 57° W | 2·9 | 63·1 | 52·8 | 87·4 | +2·7 | 52·7 | +0·9 | 91·2 | 48·6 | 47 | —6 | 1·2 | 0 | —0·4 | 0 | —0·21 | 0 |
| Ahmadnagar | 27·847 | +·002 | S 70° E | 3·3 | 66·2 | 54·5 | 84·8 | +1·6 | 52·2 | 0 | 88·8 | 45·5 | 43 | —15 | 0·2 | 0 | —0·6 | 0 | —0·48 | 0 |
| Poona | 28·150 | +·009 | N 56° E | 2·0 | 61·7 | 53·3 | 85·8 | +1·2 | 52·7 | —1·1 | 90·8 | 47·7 | 56 | —2 | 0·6 | 0 | —0·5 | 0 | —0·17 | 0 |
| Sholapur | 28·391 | —·003 | S 45° E | 2·6 | 68·3 | 58·6 | 84·9 | —0·6 | 58·0 | 0 | 87·9 | 49·7 | 54 | +5? | 3·2 | 0 | —0·6 | 0 | —0·50 | 0 |
| Bijapur | 28·025 | —·003 | S 53° E | 2·5 | 67·7 | 59·3 | 82·8 | —1·8 | 56·8 | —0·5 | 85·8 | 49·5 | 59 | —8 | 1·5 | 0 | —0·5 | 0 | —0·26 | 0 |
| Belgaum | 27·429 | +·013 | N 71° E | 3·0 | 66·0 | 57·8 | 81·7 | 0! | 56·5 | —1·8 | 84·6 | 53·3 | 59 | +1 | 2·9 | 0 | —0·6 | 0 | —0·41 | 0 |

* Mean of 25 days.

† Mean of 30 days.

# TABLE B.—DECEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. Mean 8 hrs. pressure reduced to 32° and standard gravity. | Pressure. Departure from normal. | Wind. Resultant direction. | Wind. Mean velocity miles per hour. | Temperature. Mean of 8 hrs. dry bulb. | Temperature. Mean of 8 hrs. wet bulb. | Temperature. Mean maximum. | Temperature. Departure from normal. | Temperature. Mean minimum. | Temperature. Departure from normal. | Temperature. Highest temperature observed during month. | Temperature. Lowest temperature observed during month. | Humidity. Mean humidity at 8 hrs. | Humidity. Departure from normal. | Mean cloud amount at 8 hrs. | Rainfall. Number of rainy days. | Rainfall. Departure from normal. | Rainfall. Rainfall of month. | Rainfall. Departure from normal. | Rainfall. Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 28·379 | —·019 | N 81° E | 1·5 | 63·3 | 54·0 | 81·3 | +2·8 | 51·4 | +2·2 | 85·1 | 43·8 | 52 | —3 | 1·2 | 0 | —0·5 | 0 | —0·19 | 0 |
| Indore | 28·170 | —·012 | N 30° E | 0·7 | 63·4 | 55·2 | 83·4 | +3·7 | 52·0 | +2·4 | 86·1 | 47·1 | 57 | —2 | 0·7 | 0 | —0·6 | 0 | —0·24 | 0 |
| Nowgong | 29·268 | —·019 | S 8° W | 0·7 | 54·4 | 50·1 | 78·7 | +3·5 | 48·6 | +1·9 | 85·2 | 42·5 | 72 | —2 | 1·5 | 0 | —0·7 | 0 | —0·46 | 0 |
| Sutna | 28·968 | —·013 | N 45° W | 0·5 | 57·8 | 52·7 | 78·1 | +2·8 | 50·5 | +3·2 | 82·8 | 43·8 | 71 | +3 | 0·5 | 0 | —0·8 | 0 | —0·38 | 0 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | .. | .. | S 39° E | 3·5 | 68·2 | 56·0 | 82·6 | +3·0 | 59·1 | +1·3 | 85·9 | 57·1 | 44 | .. | 1·4 | 0 | —1·0 | 0 | —0·61 | 0 |
| Akola | 29·091 | +·004 | S 87° E | 2·3 | 64·9 | 54·9 | 88·2 | +4·3 | 54·2 | +2·3 | 92·5 | 48·5 | 49 | —8 | 1·5 | 0 | —1·1 | 0 | —0·68 | 0 |
| Amraoti | 28·794 | 0 | N 54° E | 2·5 | 68·8 | 56·6 | 85·7 | +2·8 | 59·5 | +2·3 | 89·6 | 56·3 | 42 | —10 | 1·0 | 0 | —0·8 | 0 | —0·55 | 0 |
| Khandwa | 29·955 | —·012 | N 80° E | 2·0 | 63·4 | 55·0 | 88·0 | +4·5 | 53·0 | +2·2 | 90·6 | 47·7 | 55 | —2 | 1·4 | 0 | —0·4 | 0 | —0·31 | 0 |
| Hoshangabad | 29·031 | +·005 | N 67° E | 1·0 | 58·8 | 53·0 | 83·3 | +3·9 | 53·3 | +1·6 | 86·1 | 45·6 | 66 | —1 | 0·8 | 0 | —0·7 | 0 | —0·47 | 0 |
| Saugor | 28·156 | —·053 | S 21° E | 2·3 | 60·6 | 50·9 | 82·1 | +5·3 | 55·6 | +3·1 | 86·2 | 50·6 | 48 | —6 | 0·5 | 0 | —0·6 | 0 | —0·48 | 0 |
| Jubbulpore | 28·663 | —·022 | S 51° E | 1·0 | 56·7 | 51·1 | 79·7 | +2·6 | 50·0 | +3·6 | 83·5 | 42·9 | 58 | —17 | 0·8 | 0 | —0·6 | 0 | —0·29 | 0 |
| Seoni | 27·981 | +·011 | S 11° E | 1·6 | 61·8 | 53·4 | 80·3 | +2·4 | 52·5 | +2·4 | 84·2 | 41·9 | 55 | —9 | 0·7 | 0 | —0·9 | 0 | —0·55 | 0 |
| Nagpur | 29·010 | +·015 | N 34° E | 2·0 | 64·9 | 55·1 | 84·5 | +2·9 | 53·8 | —0·6 | 87·5 | 49·9 | 49 | —11 | 1·1 | 0 | —1·0 | 0 | —0·58 | 0 |
| Pendra | 27·971 | +·017 | N 30° W | 2·7 | 62·4 | 53·4 | 78·1 | +2·9 | 51·3 | +1·4 | 82·5 | 44·0 | 53 | —8 | 2·6 | 0 | —0·6 | 0 | —0·35 | 0 |
| Raipur | 29·052 | +·009 | N 56° E | 1·2 | 62·1 | 55·6 | 81·6 | +2·2 | 56·5 | +2·4 | 85·2 | 51·0 | 64 | —1 | 0·8 | 0 | —0·4 | 0 | —0·26 | 0 |
| Chanda | 29·391 | +·002 | N 75° E | 0·5 | 64·0 | 58·3 | 84·2 | +1·6 | 52·4 | +0·3 | 89·1 | 49·0 | 70 | —3 | 0·9 | 0 | —0·7 | 0 | —0·26 | 0 |
| Jagdalpur | 28·185 | .. | N 45° W | 0·6 | 59·0 | 55·2 | 81·3 | .. | 49·7 | .. | 86·0 | 44·1 | 79 | .. | 1·1 | 0 | —0·1 | 0 | —0·15 | 0 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 28·102 | —·010 | N 87° E | 3·5 | 66·8 | 54·3 | 85·5 | +1·7 | 56·2 | +1·7 | 88·7 | 50·0 | 40 | —10 | 1·4 | 0 | —0·6 | 0 | —0·31 | 0 |
| Nizamabad | 28·760 | .. | N 65° E | 1·0 | 65·5 | 59·2 | 83·9 | +0·9 | 53·2 | —0·5 | 87·9 | 46·6 | 67 | 0 | 1·6 | 0 | —0·4 | 0 | —0·12 | 0 |
| Gulbarga | 28·484 | —·001 | N 82° E | 4·8 | 67·0 | 58·8 | 85·9 | +0·6 | 57·2 | —1·3 | 89·0 | 50·8 | 59 | —2 | 0·7 | 0 | —0·3 | 0 | —0·19 | 0 |
| Raichur | 28·679 | +·025 | S 88° E | 5·0 | 69·3 | 63·0 | 84·6 | —0·1 | 63·1 | —0·4 | 87·8 | 60·1 | 69 | +5 | 2·0 | 0 | —0·2 | 0 | —0·17 | 0 |
| Hyderabad (Deccan) | 28·286 | +·018 | S 45° E | 2·1 | 65·4 | 60·0 | 80·9 | —1·9 | 57·3 | —0·7 | 84·2 | 49·3 | 73 | +1 | 2·1 | 0 | —0·3 | 0 | —0·14 | 0 |
| Hanamkonda | 29·143 | +·028 | S 12° W | 1·3 | 69·1 | 63·8 | 83·9 | +0·5 | 60·8 | +0·1 | 86·5 | 57·2 | 74 | +9 | 2·2 | 0 | —0·4 | 0 | —0·22 | 0 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·566 | +·013 | S 68° E | 5·5 | 64·0 | 60·5 | 81·7 | —0·2 | 61·1 | +0·1 | 84·9 | 57·5 | 66 | —1 | 2·9 | 0 | —0·6 | 0 | —0·37 | 0 |
| Hassan | 26·849 | +·013 | S 84° E | 4·0 | 66·1 | 60·4 | 80·7 | +1·0 | 56·1 | +0·2 | 83·2 | 50·3 | 72 | —4 | 4·4 | 0 | —0·9 | 0 | —0·79 | 0 |
| Bangalore | 26·974 | +·005 | N 79° E | 6·1 | 63·6 | 59·5 | 79·9 | +1·4 | 56·9 | —1·6 | 83·5 | 51·8 | 78 | —1 | 4·5 | 0 | —1·3 | 0·02 | —0·44 | 0·01 |
| Mysore | 27·442 | —·003 | N 65° E | 6·2 | 67·6 | 61·2 | 81·5 | —0·4 | 59·5 | —0·7 | 84·0 | 55·3 | 68 | —7 | 3·1 | 0 | —1·0 | 0·05 | —0·84 | 0·05 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·861 | —·014 | S 87° E | 4·8 | 76·8 | 67·4 | 90·3 | +1·3 | 69·9 | —0·3 | 95·1 | 66·1 | 59 | —8 | 2·8 | 0 | —0·8 | 0 | —0·50 | 0 |
| Calicut | 29·897 | +·004 | S 76° E | 2·9 | 74·2 | 69·5 | 86·4 | —0·8 | 70·0 | —0·7 | 89·2 | 64·5 | 78 | 0 | 3·7 | 0 | —1·9 | 0 | —1·15 | 0 |
| Cochin | 29·910 | +·004 | N 68° E | 2·4 | 76·9 | 70·1 | 89·1 | +0·4 | 71·5 | —1·3 | 91·8 | 67·7 | 70 | —4 | 3·4 | 1 | —1·6 | 0·29 | —1·47 | 0·28 |
| Trivandrum | 29·709 | +·008 | N 73° E | 2·6 | 75·2 | 70·6 | 83·5 | +0·4 | 72·1 | —1·0 | 85·8 | 67·9 | 79 | 0 | 4·5 | 2 | —1·7 | 1·08 | —1·32 | 0·84 |
| Pamban | 29·884 | —·010 | N 8° W | 14·3 | 76·8 | 75·4 | 83·5 | +1·3 | 75·9 | +1·4 | 85·1 | 74·5 | 94 | +6 | 5·3 | 7 | —2·5 | 10·60 | +2·96 | 7·51 |
| Madura | 29·482 | +·002 | N 22° E | 5·2 | 74·4 | 69·5 | 86·2 | +0·1 | 70·0 | —0·2 | 89·2 | 65·8 | 77 | + | 5·7 | 3 | —0·5 | 3·35 | +1·54 | 1·72 |
| Pudukkottai | 29·632 | +·005 | N 15° E | 6·3 | 73·4 | 68·0 | 85·6 | —0·2 | 69·0 | +0·1 | 89·9 | 64·8 | 75 | —2 | 2·6 | 4 | —0·2 | 3·55 | +0·63 | 1·53 |
| Negapatam | 29·928 | +·015 | N 8° W | 11·1 | 75·1 | 70·7 | 81·8 | —0·3 | 71·4 | —0·7 | 83·7 | 67·3 | 79 | —3 | 5·8 | 8 | —1·6 | 2·47 | —9·37 | 0·76 |
| Trichinopoly | 29·712 | +·012 | N 13° E | 4·3 | 76·0 | 70·0 | 87·6 | +2·2 | 69·4 | +0·1 | 90·2 | 63·5 | 73 | —4 | 4·9 | 3 | —1·7 | 2·97 | +0·28 | 1·20 |

# TABLE B.—DECEMBER 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV.—Madras—*concld.*** | | | | | | | | | | | | | | | | | | | | |
| Coimbatore | 28·617 | +·015 | N 45° E | 3·2 | 72·3 | 65·9 | 84·4 | —0·6 | 64·9 | —0·9 | 88·3 | 58·3 | 69 | —14 | 3·5 | 1 | —1·7 | 0·20 | —1·02 | 0·12 |
| Salem | 29·048 | +·015 | N 41° E | 3·6 | 71·6 | 66·1 | 85·7 | —0·7 | 64·7 | —0·5 | 88·6 | 56·9 | 74 | —3 | 3·7 | 1 | —1·3 | 0·29 | —0·72 | 0·23 |
| Cuddalore | 29·936 | +·014 | N 2° W | 6·9 | 73·4 | 69·8 | 81·5 | —1·7 | 69·7 | 0 | 83·1 | 65·7 | 83 | —4 | 6·3 | 5 | —1·2 | 2·73 | —4·92 | 1·29 |
| Vellore | 29·276 | +·019 | Calm | 1·9 | 68·1 | 65·6 | 83·1 | +1·4 | 62·8 | —1·7 | 85·8 | 58·0 | 87 | +1 | 3·4 | 3 | —1·0 | 0·81 | —2·34 | 0·33 |
| Madras | 29·963 | +·011 | N 15° W | 5·2 | 74·7 | 70·5 | 84·3 | +1·0 | 69·2 | —0·5 | 86·3 | 63·8 | 80 | —3 | 5·4 | 4 | —1·2 | 1·99 | —3·98 | 0·80 |
| Cuddapah | 29·572 | +·016 | N 54° W | .. | 70·7 | 66·6 | 86·0 | —0·7 | 64·9 | —0·4 | 88·0 | 59·9 | 80 | +3 | 3·7 | 0 | —1·6 | 0·04 | —0·95 | 0·04 |
| Bellary | 28·516 | +·022 | S 62° E | 2·3 | 68·9 | 63·6 | 85·4 | —0·5 | 61·0 | —0·3 | 88·3 | 58·6 | 74 | +8 | 2·6 | 0 | —0·3 | 0 | —0·12 | 0 |
| Kurnool | 29·072 | +·018 | Calm | 0·7 | 67·5 | 64·0 | 86·4 | —0·3 | 61·1 | +1·5? | 90·0 | 56·6 | 81 | +9 | 2·3 | 0 | —0·5 | 0 | —0·27 | 0 |
| Nellore | 29·932 | +·010 | N 35° W | 1·9 | 71·1 | 68·2 | 83·6 | —0·6 | 66·8 | —1·3 | 85·6 | 63·1 | 85 | 0 | 4·5 | 0 | —3·1 | 0·12 | —2·88 | 0·05 |
| Masulipatam | 30·016 | +·019 | N 26° E | 3·9 | 71·7 | 67·1 | 82·8 | —0·3 | 65·7 | —0·8 | 84·7 | 63·2 | 78 | —3 | 2·0 | 0 | —1·1 | 0 | —0·93 | 0 |
| Cocanada | 30·003 | +·019 | N 20° E | 6·3 | 71·8 | 66·4 | 80·6 | 0 | 66·0 | —0·1 | 82·4 | 63·9 | 74 | +1 | 2·9 | 0 | —1·0 | 0 | —0·97 | 0 |
| Vizagapatam | 29·997 | +·024 | N 38° W | 4·0 | 72·9 | 66·2 | 81·3 | +2·7 | 67·7 | —1·4 | 84·1 | 62·6 | 68 | +6 | 3·6 | 0 | —1·1 | 0 | —0·87 | 0 |
| Calingapatam | 30·016 | .. | N 31° W | 3·8 | 68·1 | 64·4 | 82·7 | .. | 62·3 | .. | 87·0 | 60·2 | 81 | .. | 1·9 | 0 | —0·9 | 0 | —1·49 | 0 |
| Gopalpur | 29·995 | +0·21 | N 3° E | 4·7 | 67·8 | 61·9 | 82·3 | +2·4 | 61·1 | +0·4 | 86·9 | 57·0 | 70 | —7 | 0·7 | 0 | —1·0 | 0 | —0·84 | 0 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser | 30·012 | .. | N 16° E | .. | 73·0 | (d) 65·9 | .. | .. | .. | .. | .. | .. | (d) 66 | .. | 3·3 | 0 | —0·5 | 0 | —1·33 | 0 |
| Port Blair | 29·834 | —·018 | N 47° E | 6·1 | 80·2 | 74·4 | 84·7 | —1·1 | 76·9 | —0·4 | 86·0 | 73·3 | 75 | —6 | 4·6 | 3 | —4·3 | 1·63 | —5·24 | 1·04 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | 27·609 | .. | S 27° W | 0·8 | 44·7 | 43·5 | 53·9 | .. | 42·6 | .. | 65·3 | 37·9 | 91 | .. | 6·3 | 13 | +9·0 | 10·12 | +7·83 | 2·30 |
| Srinagar | 24·983 | —·022 | N 31° W | 1·8 | 36·9 | (f) 36·3 | 45·1 | —3·2 | 33·4 | +5·5 | 56·7 | 26·1 | (f) 90 | +2 | 9·4 | 8 | +4·6 | 4·04 | +2·68 | 0·71 |
| Gulmarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dras | 20·818 | +·012 | W | 0·6 | 11·4 | .. | 24·7 | —3·0 | 3·8 | +3·6 | 39·6 | —18·1 | .. | .. | 7·8 | 14 | +8·3 | 10·37 | +8·71 | 3·21 |
| Leh | 19·678 | —·011 | Calm | 0·9 | 20·0 | .. | 36·1 | +0·1 | 16·5 | +3·4 | 46·7 | 10·0 | .. | .. | 7·4 | 0 | —0·5 | 0·11 | —0·06 | 0·04 |
| Skardu | 22·936 | —·042 | S 23° E | 1·5 | 27·2 | (x) 32·6 | 39·1 | —2·4 | 24·7 | +2·1 | 52·5 | 16·1 | (x) 82 | .. | 6·9 | 6 | +4·8 | 1·68 | +1·30 | 0·48 |
| Gilgit | 25·279 | —·017 | S 45° W | 0·5 | 39·0 | (j) 36·8 | 49·9 | +0·5 | 36·1 | +2·2 | 58·2 | 30·4 | (j) 74 | +15 | 7·6 | 2 | +1·7 | 0·63 | +0·52 | 0·34 |
| **Balushistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·483 | .. | S 55° E | 2·5 | 40·0 | (g) 37·5 | 57·0 | .. | 37·1 | .. | 70·7 | 29·9 | (g) 75 | .. | 5·4 | 4 | +2·9 | 2·42 | +2·03 | 0·83 |
| Quetta | 24·665 | —·046 | S | 1·7 | 34·8 | 37·1* | 52·8 | —3·8 | 32·2 | +2·8 | 66·5 | 25·1 | 88* | .. | 4·3 | 8 | +5·8 | 3·17 | +2·25 | 0·61 |
| Chaman | 25·738 | —·063 | S 69° E | 4·2 | 42·4 | (f) 39·3 | 56·0 | +0·5 | 39·1 | +2·2 | 69·9 | 30·6 | (f) 71 | +6 | 4·7 | 7 | +4·2 | 2·43 | +1·35 | 0·75 |
| Kalat | 23·725 | .. | S 15° W | 4·2 | 33·6 | (t) 37·4 | 52·6 | —4·1 | (l) 30·9 | .. | 69·7 | 19·9 | (t) 87 | .. | 4·3 | 5 | +2·7 | 2·20 | +1·16 | 1·10 |
| Dalbandin | 27·206 | .. | N 59° E | 2·8 | 43·1 | (d) 41·7 | 65·2 | .. | (y) 37·2 | .. | 78·1 | 27·9 | (d) 86 | .. | 3·5 | 4 | +2·4 | 0·72 | +0·34 | 0·24 |
| Pasni | 29·942 | .. | N 21° W | 5·9 | 63·1 | 59·6 | 77·5 | .. | 58·8 | .. | 86·2 | 51·3 | 80 | .. | 2·6 | 6 | +4·6 | 3·59 | +2·88 | 1·51 |
| Panjgur | 26·798 | .. | N 65° E | 4·6 | 46·0 | (d) 44·6 | 65·6 | .. | 42·9 | .. | 75·0 | 34·2 | (d) 89 | .. | 2·6 | 6 | .. | 3·83 | .. | 1·49 |
| Seistan (c) | 28·322 | .. | N 45° W | 3·6 | 41·3 | 39·2 | 60·3 | .. | 38·4 | .. | 74·0 | 32·8 | 83 | .. | 2·7 | 3 | .. | 1·24 | .. | 0·65 |
| **Hill stations, excluding Kashmir and Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Parachinar | 24·481 | —·017 | Calm | 0·3 | 38·1 | (k) 36·1 | 51·9 | —2·6 | 33·9 | +1·1 | 63·6 | 24·5 | (k) 73 | +12 | 5·4 | 12 | +8·9 | 4·75 | +3·54 | 0·82 |
| Cherat | 25·798 | +·012 | N 8° E | 7·1 | 45·4 | 40·0 | 45·8 | —9·1 | 42·1 | —0·5 | 57·0 | 35·5 | 63 | +17 | 1·3 | 9 | +7·3 | 9·80 | +8·45 | 3.10 |

(c) Aneroid.
(g) Mean of 27 days.
(x) Mean of 2 days.
(j) Mean of 24 days.
* Mean of 18 days.
(f) Mean of 28 days.
(d) Mean of 30 days.
(t) Mean of 14 days.
(l) Mean of 22 days.
(y) Mean of 7 days.
(k) Mean of 25 days.

# TABLE B.—DECEMBER 1921—*concld.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **Hill stations, excluding Kashmir and Baluchistan—*concld.*** | | | | | | | | | | | | | | | | | | | | |
| Drosh (*c*) | 25·167 | .. | N 66° E | 1·3 | 37·8 | (*g*) 36·1 | 45·3 | —7·8 | 35·4 | —0·3 | 56·5 | 28·0 | (*g*) 78 | +15 | 6·9 | 13 | +10·1 | 6·29 | +5·28 | 1·25 |
| Murree | 24·010 | —·022 | S 27° E | 5·8 | 41·9 | (*f*) 36·9 | 45·8 | —6·3 | 38·2 | —0·4 | 59·2 | 30·3 | (*f*) 61 | +13 | 7·5 | 9 | +6·3 | 5·47 | +3·98 | 1·38 |
| Simla | 23·144 | +·028 | .. | .. | 44·8 | 36·9 | 50·2 | +0·3 | 40·7 | +1·4 | 55·3 | 33·0 | 48 | +7 | 5·9 | 4 | +1·9 | 1·38 | +0·17 | 0·50 |
| Chakrata | 23·450 | .. | N 65° E | 6·7 | 45·6 | 38·5 | 55·3 | —0·1 | 40·9 | +1·6 | 62·7 | 32·6 | 55 | +6 | 5·4 | 2 | —0·2 | 0·48 | —0·83 | 0·18 |
| Mukteswar | 22·870 | +·019 | N 75° W | 6·1 | 44·5 | 38·7 | 55·1 | +0·7 | 38·7 | +0·5 | 60·0 | 34·5 | 61 | +18 | 4·2 | 0 | —1·6 | 0·02 | —0·76 | 0·02 |
| Darjiling | 22·976 | +·006 | N 27° E | 0·5 | 40·9 | 38·9 | 49·4 | +0·2 | 37·9 | +1·2 | 52·7 | 35·4 | 85 | +9 | 3·9 | 0 | —0·7 | 0·04 | —0·24 | 0·04 |
| Kalimpong | 26·104 | .. | .. | .. | 51·7 | 49·5 | 61·6 | .. | 48·8 | .. | 64·2 | 45·2 | 87 | .. | 3·5 | ? | .. | ? | .. | ? |
| Shillong | 25·235 | +·063 | S 23° E | 0·8 | 47·8 | 45·7 | 61·0 | —1·2 | 40·7 | +1·5 | 63·9 | 35·9 | 85 | +15 | 0·6 | 2 | +1·2 | 0·61 | +0·38 | 0·46 |
| Cherrapunji | 25·739 | +·018 | N 56° E | 0·8 | 54·6 | 50·1 | 62·2 | 0 | 47·8 | +0·4 | 66·1 | 43·7 | 73 | +9 | 0·6 | 0 | —1·0 | 0 | —0·42 | 0 |
| Netarhat | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Maymyo | 26·480 | +·019 | Calm | 0·9 | 45·6 | 44·6 | 69·3 | —0·3 | 41·3 | —1·3 | 72·2 | 34·8 | 92 | +2 | 1·5 | 0 | —1·1 | 0 | —0·64 | 0 |
| Pachmarhi | 26·539 | +·007 | S 31° W | 1·4 | 58·3 | 52·2 | 75·2 | +4·6 | 47·6 | +1·8 | 78·0 | 43·1 | 68 | +6 | 0·3 | 0 | —0·8 | 0 | —0·51 | 0 |
| Mount Abu | 26·119 | +·005 | S 85° W | 2·9 | 61·0 | 50·7 | 69·6 | +1·3 | 54·3 | +1·3 | 75·4 | 47·4 | 48 | +6 | 1·2 | 0 | —0·3 | 0·02 | —0·12 | 0·02 |
| Mercara | 26·219 | +·003 | N 67° E | 4·2 | 60·1 | 58·1 | 75·3 | —0·2 | 55·6 | —2·1 | 77·4 | 51·6 | 89 | +6 | 6·8 | 0 | —1·2 | 0 | —0·78 | 0 |
| Ootacamund | 23·030 | +·015 | S 46° E | 2·9 | 57·7 | 46·8 | 68·0 | +3·7 | 43·9 | —0·4 | 74·4 | 34·7 | 46 | —13 | 4·6 | 3 | —1·5 | 1·11 | —1·05 | 0·63 |
| Kodaikanal | 22·781 | —·013 | N 67° E | 9·7 | 57·0 | 46·2 | 66·0 | +3·6 | 47·1 | —0·5 | 72·8 | 40·8 | 48 | —14 | 4·7 | 5 | —2·2 | 5·82 | +0·90 | 2·62 |
| **Extra India.** | | | | | | | | | | | | | | | | | | | | |
| Trincomalee | 29·808 | +·003 | N 32° E | 7·1 | 77·5 | 73·8 | 81·8 | —1·2 | 75·1 | +0·9 | 84·6 | 71·8 | 83 | —4 | 7·8 | 13 | —1·2 | 29·50 | +15·23 | 10·63 |
| Colombo | 29·860 | —·016 | N 16° E | 4·7 | 73·6 | 71·2 | 88·1 | +1·2 | 72·8 | —0·1 | 92·3 | 70·7 | 88 | +7 | 5·1 | 9 | +1·4 | 3·50 | —2·05 | 0·98 |
| Hambantota | 29·802 | .. | N 22° E | 9·1 | 73·8 | 71·7 | 84·9 | +0·5 | 73·1 | +0·5 | 88·1 | 69·0 | 90 | .. | 5·9 | 8 | .. | 3·44 | —2·08 | 1·14 |
| Minicoy | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Amini Divi | 29·898 | —·015 | N 29° E | 3·2 | 82·2 | 74·1 | 89·1 | +3·3 | 73·4 | —0·2 | 92·0 | 68·3 | 67 | —4 | 4·2 | 0 | —2·0 | 0 | —1·13 | 0 |
| Gyantse | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pharijong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gangtok | 24·379 | —·141 | N 59° E | 0·7 | 47·0 | 44·7 | 60·7 | +0·4 | 45·0 | +10·9 | 65·1 | 40·3 | 85 | +10 | 4·2 | 5 | +2·8 | 1·67 | +0·45 | 0·55 |
| Gartok (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kashgar (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kabul (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meshed | 26·003 | .. | N 45° E | 1·4 | 33·8 | 36·3* | 47·7 | —0·3 | 30·3 | —0·2 | 67·9 | 22·5 | 88* | .. | 4·3 | 4 | +2·0 | 0·83 | +0·11 | 0·26 |
| Jask | 30·038 | —·033 | N 9° E | 8·0 | 65·4 | 60·4 | 78·5 | +0·9 | (*d*) 63·4 | —0·6 | 82·3 | 57·9 | 73 | +1 | 1·9 | 2 | 0 | 0·86 | —0·28 | 0·40 |
| Muscat | 30·051 | —·010 | N 57° W | 8·5 | 70·8 | 65·7 | 79·9 | +3·0 | 68·9 | —1·4 | 91·6 | 64·8 | 75 | +7 | 4·0 | 3 | +1·5 | 0·61 | 0 | 0·26 |
| Bushire | 30·080 | —·002 | N 17° W | 6·6 | 57·2 | 54·7 | 65·4 | —3·1 | 54·3 | —0·9 | 76·1 | 46·0 | 84 | +1 | 5·7 | 5 | +0·8 | 3·05 | —0·01 | 2·05 |
| Busrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ispahan (*c*) | 24·163 | —·057 | E | 1·1 | 31·5 | (*k*) 36·6 | 52·1 | +0·3 | 29·5 | +0·8 | 67·4 | 19·2 | (*k*) 77 | —3 | 1·0 | 0 | —1·8 | 0·10 | —0·72 | 0·09 |
| Tehran (*c*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Baghdad | 29·953 | —·048 | N 6° E | 3·3 | 46·7 | 45·4 | 57·9 | —5·2 | 45·0 | +2·4 | 65·5 | 35·8 | 89 | +12 | 7·9 | 6 | +2·9 | 1·81 | +0·63 | 0·47 |
| Aden | 29·818 | —·024 | N 46° E | 9·1 | 75·7 | 69·9 | 80·8 | —0·7 | 73·7 | +0·5 | 83·2 | 70·1 | 74 | 0 | 6·3 | 0 | —0·2 | 0·09 | —0·02 | 0·09 |
| Zanzibar | 29·773 | —·003 | N 59° E | 3·7 | 82·4 | 77·2 | 86·6 | +0·9 | 80·0 | +0·9 | 88·3 | 77·4 | 78 | —4 | 6·5 | 3 | —5·4 | 1·78 | —3·69 | 0·66 |

(*c*) Aneroid.
(*f*) Mean of 28 days.
(*g*) Mean of 27 days.
* Mean of 15 days.
(*k*) Mean of 10 days.
(*d*) Mean of 30 days.

# ANNUAL TABLE B FOR 1921.

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during year. | Lowest temperature observed during year. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of year. | Departure from normal. | Heaviest rainfall during year. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **I.—Burma.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point | 29·706 | .. | .. | 5·3 | 78·7 | 75·2 | 86·1 | .. | 74·7 | .. | 96·8 | 69·3 | 84 | .. | 6·0 | 156 | +4·7 | 180·37 | +10·79 | 5·04 |
| Mergui | 29·795 | —·002 | .. | 4·0 | (b) 76·1 | (b) 73·5 | (b) 86·2 | (b) —0·6 | (b) 72·2 | (b) +0·7 | 94·6 | 60·8 | (b) 87 | (b) 0 | 3·7 | 145 | —9·4 | 156·89 | —6·05 | 5·54 |
| Tavoy | 29·840 | —·014 | .. | 1·5 | (a) 76·9 | (a) 74·6 | (a) 88·1 | (a) +0·3 | (a) 72·2 | (a) —0·2 | 98·0 | 54·2 | (a) 88 | (a) —2 | 5·6 | 146 | +0·4 | 217·19 | +2·38 | 12·00 |
| Moulmein | 29·786 | +·005 | .. | 2·5 | 77·0 | 73·1 | (b) 87·6 | (b) —0·6 | 72·4 | —0·1 | 98·9 | 59·5 | 82 | —5 | 5·2 | 139 | —0·9 | 170·53 | —18·38 | 5·55 |
| Rangoon | 29·835 | +·007 | .. | 3·8 | 76·6 | 73·3 | 88·9 | —0·4 | 73·4 | +0·4 | 101·1 | 61·0 | 84 | —3 | 7·0 | 124 | +1·7 | 102·29 | +4·19 | 3·24 |
| Bassein | 29·824 | +·009 | .. | 3·3 | 77·5 | 73·8 | 88·6 | +0·5 | 70·6 | —1·9 | 100·1 | 56·4 | 83 | —6 | 5·5 | 113 | —12·1 | 105·43 | —3·98 | 5·22 |
| Diamond Island | 29·787 | —·012 | .. | 6·9 | 80·4 | 76·2 | 85·0 | —0·3 | 76·2 | +0·5 | 91·9 | 69·9 | 82 | +2 | 6·9 | 111 | —2·1 | 105·11 | —12·70 | 3·75 |
| Toungoo | (b) 29·666 | (b) +·007 | .. | 2·0 | 74·9 | 71·4 | 89·8 | —0·3 | 70·1 | —0·4 | 103·3 | 51·0 | 84 | —2 | 4·9 | 111 | —3·5 | 76·46 | —6·82 | 2·80 |
| Kyaukpyu | 29·804 | .. | .. | 0·7 | 77·4 | 74·2 | 84·7 | .. | 72·7 | .. | 94·5 | 56·4 | 85 | .. | 5·6 | 126 | —4·0 | 176·48 | +1·06 | 8·71 |
| Akyab | 29·788 | —·019 | .. | 2·6 | 75·2 | 72·3 | 85·0 | —0·9 | 70·4 | —1·7 | 95·9 | 48·0 | 86 | —3 | 5·9 | 126 | +1·7 | 213·55 | +17·18 | 9·83 |
| Minbu | 29·657 | —·009 | .. | 3·2 | 76·2 | 69·5 | 91·8 | +0·2 | 69·1 | —2·3 | 109·5 | 48·9 | 72 | —4 | 4·9 | 45 | —12·8 | 29·42 | —5·60 | 4·32 |
| Yamethin | 29·184 | +·001 | .. | .. | 75·1 | 70·0 | 90·8 | —0·5 | 70·2 | +0·6 | 105·8 | 50·0 | 77 | —2 | 4·2 | 61 | —1·9 | 36·73 | —1·32 | 3·96 |
| Mandalay | 29·584 | +·005 | .. | 3·9 | 78·2 | 70·8 | 93·7 | +1·1 | 71·7 | +0·4 | 110·9 | 51·2 | 69 | —6 | 4·5 | 58 | +6·8 | 37·31 | +3·86 | 2·98 |
| Monywa | 29·562 | +·007 | .. | 1·9 | 76·5 | 70·2 | 92·7 | +1·5 | 71·5 | +0·4 | 111·4 | 51·7 | 73 | —6 | 5·3 | 45 | +0·5 | 29·28 | —2·99 | 3·75 |
| Lashio | 27·057 | +·002 | .. | 2·5 | 65·2 | 63·2 | 81·3 | —0·8 | 60·7 | +0·4 | 96·1 | 41·0 | 85 | —1 | 5·8 | 102 | +1·4 | 75·68 | +13·39 | 4·56 |
| Bhamo | 29·459 | +·004 | .. | 0·5 | 69·3 | 67·7 | 85·7 | —0·2 | 65·9 | +0·8 | 100·6 | 44·5 | 92 | +3 | 7·0 | 99 | —1·4 | 79·77 | +7·05 | 4·73 |
| Myitkyina | 29·352 | —·009 | .. | 2·4 | 69·3 | 66·9 | 83·9 | —0·4 | 65·3 | —0·5 | 98·0 | 44·6 | 87 | +1 | 4·6 | 115 | +8·3 | 93·71 | +14·80 | 3·96 |
| **II.—Assam.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 29·476 | —·014 | .. | 0·3 | 69·2 | 67·6 | 80·4 | —0·4 | 65·6 | +0·7 | 96·5 | 46·7 | 90 | —1 | 6·3 | 165 | +29·1 | 123·52 | +14·46 | 3·17 |
| Sibsagar | 29·503 | —·014 | .. | 0·9 | 69·3 | 68·1 | 79·9 | —1·6 | 66·8 | +1·0 | 95·0 | 42·0 | 94 | 0 | 9·0 | 138 | +8·6 | 98·81 | +2·27 | 3·76 |
| Tezpur | 29·592 | +·014 | .. | 1·3 | 70·1 | 68·1 | 83·1 | 0 | 67·9 | +1·1 | 96·6 | 48·1 | 90 | +1 | 5·8 | 96 | —12·3 | 80·47 | +8·49 | 3·72 |
| Gauhati | 29·645 | +·002 | .. | 1·0 | 71·9 | 69·5 | 84·3 | —0·3 | 66·7 | +0·8 | 96·0 | 44·7 | 88 | —1 | 5·9 | 116 | +22·1 | 80·75 | +14·70 | 3·75 |
| Dhubri | 29·704 | +·001 | .. | 4·9 | 71·5 | 69·1 | 81·1 | —1·8 | 68·7 | +0·8 | 92·6 | 48·0 | 88 | +1 | 4·5 | 114 | +19·9 | 137·76 | +42·35 | 7·75 |
| Silchar | 29·748 | +·010 | .. | 1·3 | 74·3 | 70·9 | 85·8 | —0·3 | 67·4 | —0·1 | 98·3 | 45·8 | 84 | —4 | 4·5 | 135 | —1·8 | 111·74 | —14·55 | 4·15 |
| Srimangal | 29·763 | .. | .. | .. | 69·6 | 67·8 | 87·7 | +0·2 | 63·6 | —1·9 | 97·7 | 35·4 | 91 | +4 | 2·9 | 121 | —4·1 | 99·89 | —2·61 | 3·62 |
| **III.—Bengal.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar | 29·777 | .. | .. | 2·9 | 75·3 | 72·5 | 84·8 | .. | 69·8 | .. | 91·3 | 50·1 | 87 | .. | 3·8 | 100 | —10·7 | 140·50 | +5·21 | 8·05 |
| Chittagong | 29·734 | 0 | .. | 2·3 | 73·4 | 71·1 | 85·1 | +0·3 | 69·1 | —0·3 | 93·4 | 47·4 | 89 | +3 | 4·9 | 101 | +6·4 | 123·73 | +22·19 | 8·72 |
| Noakhali | 29·779 | +·007 | .. | 3·7 | 75·4 | 72·5 | 84·6 | 0 | 70·9 | +2·0 | 92·4 | 50·8 | 87 | 0 | 4·3 | 114 | +0·8 | 122·47 | +1·63 | 5·34 |
| Barisal | 29·780 | —·008 | .. | 2·8 | 76·5 | 73·2 | 85·5 | —0·4 | 70·5 | +0·2 | 93·9 | 47·5 | 85 | 0 | 4·6 | 97 | —5·3 | 73·35 | —8·24 | 3·78 |
| Narayanganj | 29·783 | —·001 | .. | 2·6 | 75·9 | 72·0 | 85·8 | —0·5 | 70·7 | +0·2 | 94·9 | 50·8 | 82 | —4 | 4·9 | 97 | +4·6 | 76·63 | +4·19 | 5·25 |
| Mymensingh | 29·750 | —·003 | .. | 1·0 | 73·2 | 70·0 | 84·8 | +0·1 | 69·4 | +0·8 | 95·2 | 48·0 | 85 | —2 | 5·5 | 100 | —6·1 | 82·59 | —11·24 | 3·77 |
| Bogra | 29·727 | —·007 | .. | 1·0 | 78·6 | 71·1 | 85·9 | —0·4 | 68·5 | +0·4 | 99·6 | 46·8 | 89 | +6 | 5·4 | 87 | +1·7 | 64·07 | —6·16 | 3·51 |
| Dinajpur | 29·672 | —·008 | .. | 2·5 | 72·6 | 69·1 | 85·8 | —0·3 | 67·7 | +1·0 | 103·3 | 43·5 | 88 | 0 | 4·0 | 77 | —2·4 | 69·00 | —0·68 | 7·80 |
| Jalpaiguri | 29·527 | —·004 | .. | 1·3 | 70·7 | 68·5 | 83·8 | —0·2 | 67·2 | +1·1 | 95·8 | 46·0 | 89 | +3 | 2·2 | 111 | +8·3 | 139·39 | +18·28 | 7·15 |
| Saugor Island | 29·775 | —·005 | .. | 7·6 | 77·6 | 73·6 | 84·7 | —0·9 | 73·0 | —0·6 | 98·0 | 52·1 | 82 | —3 | 5·3 | 79 | —0·8 | 72·92 | +3·34 | 5·84 |
| Midnapore | 29·628 | —·015 | .. | 2·6 | 75·9 | 70·2 | 90·0 | 0 | 70·9 | +0·4 | 112·5 | 46·7 | 73 | —3 | 4·9 | 85 | +4·2 | 54·92 | —3·50 | 4·00 |

(a) Mean of 11 months. (b) Mean of 10 months.

# ANNUAL TABLE B FOR 1921—*contd.*

*Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during year. | Lowest temperature observed during year. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of year. | Departure from normal. | Heaviest rainfall during year. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **III.—Bengal**—*concld.* | | | | | | | | | | | | | | | | | | | | |
| Calcutta | 29·762 | —·013 | .. | 3·4 | 75·2 | 72·0 | 87·5 | +0·7 | 71·5 | +1·0 | 102·3 | 48·9 | 85 | +2 | 5·0 | 78 | —7·5 | 56·56 | —5·26 | 3·59 |
| Jessore | 29·765 | —·004 | .. | 1·6 | 75·1 | 71·2 | 86·9 | —0·6 | 69·9 | +0·1 | 100·5 | 44·7 | 82 | —3 | 4·9 | 96 | +7·8 | 56·64 | —9·53 | 2·37 |
| Burdwan | 29·676 | —·022 | .. | 1·3 | 74·6 | 70·5 | 89·4 | +0·5 | 70·2 | —0·3 | 109·6 | 45·8 | 81 | +3 | 5·2 | 76 | —0·6 | 51·78 | —6·06 | 4·02 |
| Berhampore | 29·729 | —·001 | .. | 2·6 | 75·3 | 71·3 | 88·1 | +0·4 | 70·2 | +0·7 | 110·1 | 47·1 | 81 | —2 | 5·3 | 76 | —0·3 | 54·43 | —1·67 | 3·60 |
| **IV.—Bihar and Orissa.** | | | | | | | | | | | | | | | | | | | | |
| Balasore | 29·729 | —·014 | .. | 2·9 | 75·4 | 71·7 | 90·1 | +1·5 | 70·5 | 0 | 114·2 | 48·7 | 83 | +2 | 4·4 | 81 | +3·7 | 49·37 | —12·72 | 3·16 |
| Hukitala (False Point) | 29·762 | —·006 | .. | 8·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·0 | 74 | +2·9 | 66·59 | +3·67 | 5·37 |
| Cuttack | 29·709 | —·005 | .. | 1·7 | 76·2 | 72·5 | 91·0 | —0·2 | 71·5 | —1·0 | 115·4 | 53·7 | 83 | +4 | 4·7 | 64 | —10·1 | 41·66 | —17·64 | 2·95 |
| Puri | 29·778 | +·004 | .. | 9·6 | 78·2 | 74·5 | 85·7 | —0·6 | 75·3 | +0·8 | 92·9 | 58·8 | 83 | 0 | 4·9 | 65 | +4·1 | 43·58 | —10·42 | 2·88 |
| Angul | 29·323 | —·009 | .. | 4·3 | 75·0 | 70·5 | 91·3 | +1·2 | 69·7 | +0·4 | 116·6 | 48·4 | 75 | —2 | 4·9 | 66 | —4·9 | 53·30 | +6·26 | 3·20 |
| Sambalpur | 29·284 | —·027 | .. | 2·5 | 75·1 | 68·7 | 91·8 | +1·0 | 67·0 | —2·9 | 115·2 | 44·5 | 72 | +2 | 2·6 | 61 | —12·9 | 55·88 | —8·84 | 6·80 |
| Chaibasa | 29·026 | —·018 | .. | 0·9 | 73·7 | 68·2 | 91·0 | +1·4 | 68·7 | +1·0 | 114·9 | 45·4 | 76 | —1 | 3·5 | 70 | —4·7 | 50·41 | —1·70 | 3·50 |
| Ranchi | 27·641 | —·009 | .. | 3·2 | 72·0 | 63·4 | 85·3 | +0·9 | 66·1 | +0·6 | 108·7 | 45·1 | 63 | —3 | 3·7 | 84 | +4·3 | 70·02 | +13·82 | 7·23 |
| Purulia | 28·965 | +·002 | .. | 1·5 | 75·4 | 67·2 | 91·9 | +2·5 | 69·7 | +1·3 | 116·5 | 48·1 | 64 | —9 | 3·8 | 61 | —13·2 | 49·28 | —3·23 | 6·87 |
| Daltonganj | 29·039 | —·016 | .. | 3·2 | 71·4 | 64·6 | 91·4 | +2·0 | 65·0 | —0·3 | 116·0 | 38·5 | 70 | —2 | 2·4 | 64 | +2·9 | 52·74 | +10·83 | 3·90 |
| Purnea | 29·666 | —·014 | .. | 2·4 | 72·3 | 68·9 | 86·8 | +0·2 | 66·5 | +0·2 | 105·2 | 37·9 | 83 | —2 | 4·1 | 65 | —5·3 | 56·28 | —5·44 | 3·78 |
| Monghyr | 29·615 | .. | .. | 4·1 | 74·3 | 68·8 | 88·7 | .. | 69·2 | .. | 111·2 | 45·9 | 75 | .. | 3·1 | 54 | —8·4 | 56·17 | +5·18 | 4·60 |
| Darbhanga | 29·622 | —·006 | .. | (a) 2·6 | 73·4 | 69·0 | 87·5 | +1·5 | 67·8 | —0·3 | 107·1 | 40·4 | 80 | —1 | 3·4 | 56 | —3·1 | 57·31 | +6·22 | 7·80 |
| Pusa | 29·590 | .. | .. | 2·6 | 73·1 | 69·0 | 89·1 | .. | 67·0 | .. | 112·1 | 39·9 | 81 | .. | 3·1 | 59 | +0·9 | 41·36 | —7·77 | 3·98 |
| Patna | 29·593 | —·003 | .. | 3·6 | 76·7 | 69·5 | 88·3 | +0·7 | 69·2 | +0·6 | 111·0 | 44·2 | 68 | —4 | 2·8 | 51 | —5·1 | 43·53 | —4·45 | 3·44 |
| Buxar | 29·526 | —·017 | .. | 3·4 | 73·3 | 67·3 | 90·1 | +1·4 | 68·9 | +0·8 | 113·5 | 41·9 | 73 | +5 | 2·9 | 54 | +0·7 | 42·75 | +1·66 | 5·16 |
| Gaya | 29·408 | —·003 | .. | 2·6 | 78·4 | 67·9 | 91·1 | +1·2 | 70·6 | +1·8 | 116·3 | 46·4 | 58 | —13 | 2·2 | 49 | —8·1 | 45·23 | —1·25 | 9·54 |
| Naya Dumka | 29·283 | —·012 | .. | 1·8 | 76·2 | 69·3 | 88·8 | +1·2 | 68·7 | +0·8 | 113·1 | 44·0 | 69 | —4 | 3·1 | 64 | —12·3 | 53·82 | —2·39 | 5·76 |
| **V.—United Provinces of Agra and Oudh.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur | 29·524 | 0 | .. | 1·6 | 73·3 | 67·9 | 88·0 | +0·2 | 67·3 | +0·3 | 112·4 | 40·5 | 75 | 0 | 1·6 | 58 | +0·9 | 46·94 | —3·64 | 5·24 |
| Benares | 29·505 | —·010 | .. | 2·3 | 76·5 | 67·3 | 91·1 | +1·5 | 67·5 | +0·8 | 114·8 | 40·7 | 63 | —9 | 2·5 | 53 | +0·9 | 38·07 | —2·11 | 4·20 |
| Allahabad | 29·478 | +·005 | .. | 2·4 | 75·4 | 66·1 | 92·4 | +2·2 | 68·3 | +1·5 | 115·9 | 42·7 | 62 | —4 | 2·8 | 52 | +2·9 | 30·01 | —8·79 | 1·90 |
| Cawnpore | 29·356 | —·004 | .. | 2·1 | 74·1 | 65 7 | 90·8 | +1·6 | 68·5 | +1·8 | 115·5 | 43·3 | 66 | —5 | 1·7 | 46 | +1·7 | 46·59 | +10·69 | 5·60 |
| Lucknow | 29·393 | —·017 | .. | 1·6 | 73·6 | 65 6 | 91·7 | +2·0 | 67·5 | +1·9 | 115·4 | 43·0 | 67 | —2 | 2·2 | 56 | +8·1 | 60·80 | +22·27 | 3·85 |
| Bahraich | 29·357 | —·010 | .. | 2·0 | 72·3 | 66 2 | 89·5 | +1·2 | 67·0 | +1·3 | 112·9 | 39·1 | 72 | —3 | 2·2 | 46 | —4·7 | 52·21 | +6·89 | 6·40 |
| Jhansi | 28·950 | —·025 | .. | 3·5 | 76·1 | 64·8 | 93·2 | +2·0 | 68·5 | —1·0 | 115·6 | 41·8 | 55 | —3 | 2·6 | 48 | +1·2 | 35·82 | —0·13 | 2·48 |
| Agra | 29·213 | —·015 | .. | (b) 1·8 | 78·9 | 66·6 | 92·8 | +2·4 | 70·0 | +2·2 | 116·3 | 43·8 | 53 | —7 | 2·6 | 34 | —3·4 | 22·48 | —4·21 | 4·44 |
| Mainpuri | 29·248 | —·012 | .. | 1·4 | 73·9 | 65·0 | 91·5 | +1·4 | 66·9 | +1·4 | 117·2 | 39·8 | 63 | —2 | 2·8 | 39 | +0·7 | 37·32 | +10·02 | 5·96 |
| Bareilly | 29·183 | —·019 | .. | 0·7 | 72·7 | 65·9 | (c) 83·5 | (c) —2·4 | (a) 68·4 | (a) +2·3 | 112·9 | 39·5 | 71 | —1 | 3·3 | 55 | +8·0 | 58·72 | +14·31 | 7·52 |
| Roorkee | 28·860 | —·010 | .. | 1·7 | 69·9 | 63·0 | 87·0 | +0·3 | 64·0 | +1·7 | 113·3 | 33·8 | 71 | 0 | 3·2 | 56 | +8·6 | 38·48 | —3·85 | 4·52 |
| **VI.—Panjab.** | | | | | | | | | | | | | | | | | | | | |
| Delhi | 29·039 | —·019 | .. | 2·5 | 73·3 | 63·4 | 89·3 | +0·6 | (x) 71·1 | (x) +2·7 | 113·0 | 44·7 | 58 | —1 | 2·5 | 32 | —4·7 | 27·21 | —0·17 | 6·20 |
| Hissar | 29·047 | 0 | .. | 4·8 | 73·1 | 61·8 | 93·6 | +2·2 | 66·1 | +2·0 | 114·6 | 33·4 | 53 | —7 | 1·9 | 19 | —4·8 | 12·64 | —1·38 | 1·73 |
| Patiala | 28·913 | —·043 | .. | 3·4 | 72·5 | 64·6 | 90·2 | +3·1 | (a) 61·9 | (a) —1·6 | 113·4 | 39·6 | 65 | —2 | 2·3 | 29 | —7·8 | 13·50 | —12·09 | 2·00 |
| Ambala | 28·857 | —·018 | .. | 3·4 | 72·5 | 62·3 | 90·9 | +3·3 | 66·3 | +3·6 | 117·6 | 39·7 | 59 | —13 | 2·9 | 33 | —9·7 | 26·74 | —3·89 | 2·90 |

(a) Mean of 11 months.
(b) Mean of 9 months.
(c) Mean of 8 months.
(x) Mean of 7 months.

# ANNUAL TABLE B FOR 1921—*contd.*

## *Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during year. | Lowest temperature observed during year. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of year. | Departure from normal. | Heaviest rainfall during year. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **VI.—Punjab—*concld.*** | | | | | | | | | | | | | | | | | | | | |
| Ludhiana | 28·934 | —·022 | .. | 1·8 | 71·2 | 61·3 | 91·8 | +2·9 | 65·9 | +2·0 | 116·5 | 32·4 | 58 | —7 | 1·5 | 26 | —10·3 | 14·84 | —13·74 | 2·68 |
| Lahore | 29·040 | —·026 | .. | 1·7 | 71·4 | 62·4 | 91·0 | +0·8 | 65·5 | +3·8 | 115·5 | 35·3 | 63 | —4 | 2·4 | 26 | —2·1 | 19·77 | +0·19 | 4·86 |
| Sialkot | 28·917 | —·024 | .. | 1·7 | 72·3 | 63·3 | 88·9 | +1·4 | 64·0 | +1·2 | 115·1 | 33·5 | 64 | —2 | 2·6 | 33 | —7·4 | 22·54 | —8·15 | 3·13 |
| Rawalpindi | 28·095 | —·022 | .. | 2·4 | 69·0 | 59·5 | 86·6 | +2·5 | (a) 58·6 | (a) +2·7 | 114·1 | 33·2 | 59 | —6 | 2·0 | 44 | —4·1 | 29·74 | —4·32 | 2·90 |
| Khushab | 29·149 | —·020 | .. | 3·7 | 73·0 | 61·5 | 91·7 | +2·0 | 62·6 | —1·3 | 118·2 | 32·2 | 52 | —3 | 2·5 | 27 | +3·4 | 30·74 | +15·89 | 5·25 |
| Lyallpur | 29·135 | .. | .. | 2·2 | 71·1 | 61·4 | (a) 91·8 | .. | 63·7 | .. | 115·3 | 34·0 | 60 | .. | 3·0 | 17 | —3·1 | 9·17 | —3·96 | 1·88 |
| Montgomery | 29·181 | —·032 | .. | (a) 2·9 | 73·0 | 61·9 | 92·0 | +0·4 | 66·1 | +1·9 | 115·4 | 33·3 | 54 | +2 | 1·8 | 14 | —4·5 | 6·84 | —3·63 | 1·61 |
| Multan | 29·314 | —·032 | .. | 1·7 | 73·6 | 63·8 | 93·3 | +1·4 | 69·3 | +3·7 | 120·8 | 39·7 | 58 | —1 | 1·8 | 13 | +0·5 | 8·66 | +1·74 | 1·23 |
| **VII.—North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar | 28·677 | —·021 | .. | 0·6 | 67·8 | 59·3 | 89·5 | +4·2 | 61·8 | +2·5 | 120·4 | 33·9 | 63 | 0 | 2·0 | 20 | —6·0 | 9·10 | —4·32 | 1·15 |
| Dera Ismail Khan | 29·183 | —·022 | .. | 1·4 | 72·9 | 62·3 | 91·0 | +1·0 | 66·1 | +3·7 | 117·8 | 33·9 | 56 | —9 | 1·9 | 16 | —0·3 | 14·75 | +5·43 | 4·60 |
| **VIII.—Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad | 29·570 | —·018 | .. | 2·3 | 76·5 | 64·3 | 93·1 | —2·5 | 67·9 | +2·4 | 120·3 | 34·4 | 51 | —7 | 0·7 | 6 | —1·4 | 3·58 | —0·01 | 1·85 |
| Hyderabad | 29·680 | —·013 | .. | 4·3 | 74·2 | 66·0 | 94·1 | +0·7 | 69·1 | +0·9 | 116·2 | 42·2 | 62 | +4 | 0·6 | 8 | —1·3 | 13·78 | +6·65 | 5·08 |
| Karachi | 29·795 | —·008 | .. | 8·6 | 75·6 | 71·3 | 84·5 | +0·4 | 71·7 | +0·5 | 99·7 | 51·5 | 80 | +7 | 3·6 | 10 | +0·7 | 16·90 | +9·26 | 5·41 |
| **IX.—Rajputana.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner | 29·001 | —·004 | .. | 5·6 | 75·1 | 63·4 | 95·2 | +3·2 | 63·8 | —0·5 | 116·0 | 37·3 | 50 | —3 | 1·4 | 14 | —4·8 | 16·69 | +5·60 | 3·90 |
| Jodhpur | 29·012 | —·006 | .. | 3·6 | 75·1 | 61·5 | 94·2 | +1·6 | 68·8 | +1·0 | 114·5 | 41·2 | 42 | —7 | 2·8 | 13 | —5·1 | 6·34 | —6·29 | 1·05 |
| Jaipur | 28·366 | —·007 | .. | 3·5 | 74·7 | 62·3 | 92·6 | +1·7 | 66·4 | +0·7 | 113·5 | 40·2 | 49 | —6 | 2·5 | 26 | —8·8 | 21·67 | —1·96 | 3·99 |
| Ajmer | 28·174 | —·027 | .. | 3·9 | 68·7 | 59·4 | 89·9 | +1·1 | 66·4 | +1·4 | 109·6 | 38·4 | 58 | —5 | 1·4 | 22 | —7·1 | 11·51 | —8·70 | 1·28 |
| Kotah | 28·938 | —·024 | .. | 1·7 | 78·7 | 64·5 | 93·8 | +1·5 | 71·1 | +1·0 | 114·4 | 46·6 | 46 | —4 | 2·1 | 30 | —4·2 | 19·78 | —6·73 | 2·60 |
| **X.—Bombay.** | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29·352 | +·002 | .. | 6·5 | 74·8 | 65·3 | 96·3 | +2·2 | 67·1 | +0·1 | 117·2 | 43·7 | 58 | +2 | 3·2 | 32 | +4·1 | 33·23 | +9·66 | 10·20 |
| Bhuj | 29·474 | —·007 | .. | 6·1 | 77·2 | 70·4 | 91·9 | +0·7 | 66·8 | —1·8 | 111·2 | 39·1 | 70 | +3 | 3·1 | 18 | +1·7 | 18·46 | +4·10 | 6·93 |
| Jamnagar | .. | .. | .. | 7·4 | 76·2 | 70·6 | 90·6 | +1·0 | 67·9 | —0·4 | 106·1 | 46·4 | (b) 68 | +1 | 2·1 | 22 | +1·2 | 25·20 | +6·67 | 4·70 |
| Dwarka | 29·797 | —·007 | .. | 9·8 | 77·4 | 72·3 | 85·5 | +1·4 | (a) 75·5 | (a) +1·9 | 94·6 | 54·5 | 77 | 0 | 3·2 | 13 | —3·7 | 13·29 | —1·21 | 5·35 |
| Rajkot | 29·380 | —·018 | .. | 7·5 | 74·8 | 67·4 | 93·9 | +0·9 | 67·0 | +1·0 | 112·1 | 44·9 | 66 | 0 | 3·2 | 31 | +0·2 | 27·43 | +1·37 | 4·76 |
| Veraval | 29·812 | —·005 | .. | 9·2 | 76·1 | 69·2 | 85·3 | +0·4 | 72·5 | +1·5 | 100·9 | 52·3 | 69 | —2 | 2·9 | 25 | +0·3 | 12·32 | —5·96 | 1·94 |
| Bhavnagar Para | 29·782 | +·001 | .. | 3·7 | 76·3 | 65·9 | 94·6 | +1·0 | 68·5 | +0·2 | 113·4 | 46·0 | 55 | —8 | 3·1 | 33 | +3·1 | 29·39 | +6·99 | 4·38 |
| Surat | 29·796 | —·004 | .. | 3·2 | 77·1 | 69·6 | 91·9 | +0·3 | 71·0 | +1·3 | 110·4 | 49·6 | 67 | —3 | 3·7 | 62 | +15·8 | 53·58 | +12·60 | 6·87 |
| Ahmadabad | 29·676 | +·007 | .. | 4·0 | 77·1 | 67·2 | 95·8 | +1·4 | 71·2 | +0·5 | 114·4 | 50·1 | 57 | —1 | 2·3 | 45 | +10·9 | 40·75 | +11·60 | 5·35 |
| Bombay | 29·798 | —·014 | .. | 6·4 | 77·9 | 72·9 | 86·9 | +1·9 | 75·4 | +0·5 | 96·2 | 60·7 | 78 | 0 | 3·8 | 78 | +6·1 | 86·02 | +14·87 | 8·51 |
| Ratnagiri | 29·625 | —·013 | .. | 6·7 | 79·5 | 71·9 | 87·5 | +0·2 | 73·7 | +0·6 | 104·3 | 58·1 | 67 | —6 | 4·2 | 100 | +7·9 | 102·15 | +1·83 | 7·28 |
| Marmagao | 29·781 | —·006 | .. | 5·4 | 77·6 | 74·2 | 85·1 | —0·8 | 74·7 | —0·2 | 94·4 | 67·0 | 84 | +1 | 5·7 | 97 | +2·6 | 86·85 | —6·99 | 5·40 |
| Karwar | 29·806 | —·006 | .. | 2·1 | 75·9 | 73·0 | 87·4 | +1·3 | 73·1 | +0·4 | 94·9 | 61·1 | 86 | +3 | 4·1 | 98 | —5·2 | 93·45 | —27·18 | 5·30 |
| Malegaon | 28·386 | —·012 | .. | 5·6 | 75·2 | 62·9 | 93·5 | +1·6 | 64·7 | —0·4 | 111·3 | 40·0 | 49 | —9 | 3·0 | 29 | —6·0 | 17·65 | —4·93 | 2·06 |
| Ahmadnagar | 27·699 | —·002 | .. | 5·5 | 75·5 | 62·4 | 91·4 | +2·0 | 63·9 | +0·1 | 109·3 | 44·2 | 47 | —15 | 1·9 | 27 | —8·3 | 17·39 | —4·94 | 2·95 |
| Poona | 28·006 | +·004 | .. | 5·5 | 71·9 | 63·3 | 90·5 | +1·0 | 63·7 | —0·9 | 109·6 | 42·4 | 61 | —2 | 6·0 | 37 | —9·8 | 19·61 | —7·64 | 3·08 |
| Sholapur | 28·240 | —·006 | .. | 6·4 | 76·1 | 64·2 | 93·3 | +0·4 | 68·3 | +0·2 | 110·2 | 49·7 | 51 | —4 | 3·3 | 34 | —7·3 | 27·73 | —0·79 | 3·50 |
| Bijapur | 27·388 | —·007 | .. | 4·0 | 75·0 | 66·4 | 90·8 | +0·1 | 67·4 | —0·2 | 108·2 | 49·5 | 63 | —4 | 3·3 | 24 | —12·2 | 17·81 | —2·69 | 2·10 |
| Belgaum | 27·316 | +·003 | .. | 4·0 | 70·6 | 64·4 | 85·5 | +1·0 | 64·2 | +0·3 | 101·7 | 52·7 | 71 | +1 | 4·8 | 70 | —11·3 | 50·93 | +0·07 | 4·93 |

(a) Mean of 11 months.
(b) Mean of 10 months.

# ANNUAL TABLE B FOR 1921—*contd.*

## *Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during year. | Lowest temperature observed during year. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of year. | Departure from normal. | Heaviest rainfall during year. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XI.—Central India.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 28·180 | —·015 | .. | 4·6 | 76·4 | 65·7 | 90·1 | +1·2 | 65·3 | +0·8 | 110·7 | 40·0 | 57 | —1 | 2·4 | 33 | —2·3 | 24·47 | —3·56 | 2·38 |
| Indore | 27·992 | —·009 | .. | 3·9 | 74·4 | 64·8 | 90·2 | +2·1 | 64·5 | +0·8 | 110·9 | 42·1 | 60 | —2 | 3·2 | 48 | +3·2 | 36·38 | +4·04 | 3·90 |
| Nowgong | 29·019 | —·014 | .. | 1·9 | 73·5 | 63·5 | 91·2 | +1·8 | 65·7 | 0 | 114·9 | 38·5 | 59 | —6 | 3·0 | 47 | —1·1 | 35·43 | —7·43 | 2·67 |
| Sutna | 28·722 | —·013 | .. | 2·3 | 74·9 | 64·6 | 89·5 | +1·3 | 67·2 | +1·3 | 112·3 | 41·8 | 60 | —1 | 2·3 | 52 | —2·7 | 42·62 | —1·72 | 3·25 |
| **XII.—Central Provinces.** | | | | | | | | | | | | | | | | | | | | |
| Buldana | .. | .. | .. | 5·7 | 75·3 | 62·9 | 89·2 | +1·6 | 68·8 | +0·9 | 108·9 | 50·5 | 50 | .. | 3·6 | 46 | —5·5 | 36·67 | +2·05 | 3·58 |
| Akola | 28·891 | +·001 | .. | 4·9 | 76·3 | 63·7 | 95·3 | +2·3 | 67·7 | +0·5 | 115·6 | 43·5 | 48 | —9 | 3·4 | 43 | —2·5 | 24·21 | —7·78 | 2·85 |
| Amraoti | 28·596 | 0 | .. | 4·7 | 77·8 | 64·2 | 93·5 | +1·4 | 70·3 | +1·3 | 114·6 | 51·1 | 47 | —11 | 3·3 | 40 | —7·5 | 34·19 | +0·72 | 8·67 |
| Khandwa | 28·763 | —·007 | .. | 5·0 | 74·7 | 63·9 | 93·9 | +1·9 | 66·1 | —0·9 | 114·5 | 40·7 | 54 | —3 | 3·3 | 36 | —4·8 | 38·14 | +8·60 | 3·45 |
| Hoshangabad | 28·808 | +·003 | .. | 2·8 | 72·9 | 63·3 | 91·7 | +1·3 | 66·3 | —0·6 | 112·7 | 43·2 | 59 | —5 | 3·1 | 50 | —4·9 | 37·28 | —10·99 | 3·90 |
| Saugor | 27·950 | —·050 | .. | 4·5 | 73·3 | 60·8 | 90·1 | +2·2 | 67·6 | +1·1 | 111·4 | 45·8 | 49 | —7 | 2·5 | 51 | —4·1 | 43·89 | —0·87 | 2·62 |
| Jubbulpore | 28·441 | —·021 | .. | 1·8 | 72·5 | 62·7 | 89·3 | +0·8 | 65·4 | +1·0 | 111·1 | 40·7 | 58 | —9 | 2·7 | 60 | —3·4 | 54·53 | —1·48 | 3·13 |
| Seoni | 27·778 | +·002 | .. | 3·5 | 74·4 | 62·3 | 88·5 | +0·6 | 65·7 | +1·0 | 110·0 | 41·9 | 51 | —11 | 3·0 | 55 | —15·1 | 57·95 | +5·49 | 6·25 |
| Nagpur | 28·787 | +·006 | .. | 4·2 | 77·5 | 64·4 | 93·5 | +1·4 | 69·0 | +0·2 | 114·6 | 46·9 | 48 | —11 | 2·7 | 50 | —12·5 | 30·16 | —19·00 | 3·15 |
| Pendra | 27·760 | +·006 | .. | 4·0 | 74·6 | 62·5 | 87·3 | +1·8 | 66·0 | +1·0 | 109·7 | 43·4 | 52 | —8 | (a) 3·8 | 63 | —9·1 | 46·63 | —2·56 | 3·17 |
| Raipur | 28·814 | —·006 | .. | 2·8 | 76·5 | 65·1 | 91·2 | +0·9 | 69·9 | +0·8 | 114·5 | 49·7 | 56 | —7 | 3·3 | 60 | —3·3 | 52·07 | +2·05 | 5·80 |
| Chanda | 29·167 | —·013 | .. | 3·3 | 77·6 | 68·2 | 93·6 | +0·7 | 68·4 | —0·2 | 115·9 | 44·0 | 63 | —1 | 3·7 | 61 | —1·7 | 48·59 | —4·09 | 3·88 |
| Jagdalpur | 27·994 | .. | .. | 2·4 | 73·4 | 66·3 | 89·0 | .. | 65·3 | .. | 114·6 | 44·1 | 70 | .. | 3·2 | 71 | —7·4 | 46·70 | —14·63 | 4·18 |
| **XIII.—Hyderabad.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 27·939 | —·007 | .. | 8·2 | 75·4 | 61·7 | 92·2 | +1·4 | 67·1 | +1·5 | 110·6 | 47·4 | 46 | —8 | 4·0 | 34 | —9·6 | 18·52 | —9·26 | 1·79 |
| Nizamabad | 28·568 | ? | .. | 2·8 | 77·0 | 66·2 | 93·1 | +1·5 | 68·1 | —0·3 | 113·7 | 46·6 | 57 | —9 | 3·5 | 63 | +8·0 | 46·51 | +5·68 | 2·90 |
| Gulbarga | 28·321 | —·010 | .. | 7·9 | 75·7 | 66·1 | 94·4 | +1·8 | 68·6 | —0·4 | 112·5 | 50·8 | 60 | —4 | 3·1 | 29 | —18·9 | 17·65 | —13·72 | 2·15 |
| Raichur | 28·516 | +·007 | .. | 7·5 | 76·9 | 68·1 | 93·3 | +1·0 | 71·5 | —0·2 | 111·8 | 57·9 | 63 | 0 | 2·9 | 39 | —5·3 | 25·01 | —2·63 | 2·75 |
| Hyderabad (Deccan) | 28·116 | +·008 | .. | 4·2 | 75·9 | 67·6 | 90·8 | +0·3 | 69·4 | —0·1 | 110·8 | 49·3 | 65 | —3 | 4·1 | 49 | 0 | 26·52 | —5·10 | 2·20 |
| Hanamkonda | 28·938 | +·004 | .. | 4·2 | 78·4 | 69·5 | 92·5 | +0·7 | 72·1 | +0·3 | 114·2 | 53·8 | 64 | —2 | 4·2 | 54 | +4·0 | 43·21 | +8·68 | 4·98 |
| **XIV.—Mysore.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 27·458 | +·001 | .. | 5·4 | 72·8 | 66·3 | 87·6 | +0·6 | 67·5 | +0·1 | 101·1 | 56·5 | 70 | 0 | 4·6 | 43 | —4·4 | 24·37 | —0·15 | 2·79 |
| Hassan | 26·768 | +·009 | .. | 5·4 | 70·7 | 65·9 | 83·7 | +0·4 | 62·9 | +0·5 | 99·2 | 50·3 | 78 | +1 | 5·1 | 62 | —4·5 | 33·25 | —2·14 | 2·35 |
| Bangalore | 26·882 | —·003 | .. | 6·4 | 70·1 | 65·1 | 85·3 | +0·8 | 64·2 | 0 | 99·0 | 51·8 | 77 | —1 | 5·7 | 52 | —6·3 | 36·62 | +1·52 | 2·94 |
| Mysore | 27·358 | —·012 | .. | 5·2 | 72·4 | 66·7 | 86·1 | —0·3 | 65·7 | —0·1 | 98·0 | 54·0 | 74 | —3 | 4·7 | 58 | +2·5 | 30·19 | —1·02 | 5·25 |
| **XV.—Madras.** | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 29·786 | —·014 | .. | 4·5 | 79·0 | 74·8 | 88·2 | +0·8 | 74·4 | +0·9 | 98·0 | 66·1 | 77 | 0 | 4·0 | 116 | +0·1 | 137·69 | +11·26 | 6·76 |
| Calicut | 29·832 | —·004 | .. | 4·3 | 77·9 | 75·2 | 85·9 | —0·8 | 74·8 | +0·5 | 92·4 | 64·5 | 88 | +5 | 6·2 | 110 | —3·6 | 100·08 | —17·21 | 4·53 |
| Cochin | 29·853 | —·006 | .. | 3·4 | 79·6 | 75·0 | 87·4 | —0·4 | 75·1 | +0·2 | 94·1 | 67·7 | 80 | —1 | 5·4 | 122 | —6·7 | 107·98 | —6·62 | 5·25 |
| Trivandrum | 29·659 | +·001 | .. | 4·2 | 78·0 | 74·5 | 84·9 | +0·8 | 74·9 | —0·3 | 91·5 | 67·9 | 84 | +2 | 6·1 | 86 | —8·4 | 57·09 | —7·07 | 4·67 |
| Pamban | 29·787 | —·019 | .. | 8·7 | 81·5 | 76·8 | 89·1 | +1·3 | 78·3 | +0·9 | 95·0 | 73·3 | 82 | +2 | 3·9 | 47 | +1·3 | 34·48 | —2·36 | 7·51 |
| Madura | 29·386 | +·006 | .. | 4·0 | 79·9 | 73·7 | 92·7 | —1·1 | 74·5 | +0·6 | 106·1 | 64·0 | 74 | +3 | 6·4 | 69 | +20·4 | 56·79 | +23·16 | 6·68 |
| Pudukkottai | 29·520 | —·007 | .. | 3·7 | 79·7 | 72·9 | 93·0 | —0·4 | 74·4 | +0·4 | 106·7 | 63·9 | 71 | —3 | 3·1 | 62 | +7·8 | 39·66 | +4·31 | 2·58 |
| Negapatam | 29·804 | —·004 | .. | 7·3 | 80·7 | 74·3 | 89·9 | —0·2 | 76·3 | +0·1 | 104·7 | 66·5 | 73 | —2 | 5·1 | 63 | +6·9 | 43·06 | —11·09 | 3·73 |

(a) Mean of 11 months.

# ANNUAL TABLE B FOR 1921—*contd.*

## *Abstract of 8 hrs. observations.*

| STATION. | Pressure. | | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 8 hrs. pressure reduced to 32° and standard gravity. | Departure from normal. | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during year. | Lowest temperature observed during year. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of year. | Departure from normal. | Heaviest rainfall during year. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| **XV.—Madras**—*contd.* | | | | | | | | | | | | | | | | | | | | |
| Trichinopoly | 29·585 | —·007 | .. | 3·9 | 81·0 | 74·1 | 94·3 | 0 | 74·4 | +0·2 | 108·1 | 62·4 | 72 | 0 | 4·5 | 45 | —1·2 | 37·47 | +4·81 | 4·32 |
| Coimbatore | 28·517 | +·007 | .. | 3·9 | 76·9 | 71·1 | 89·5 | —0·5 | 69·9 | +0·2 | 100·3 | 58·3 | 74 | —9 | 3·6 | 46 | +1·7 | 22·58 | +0·38 | 2·00 |
| Salem | 28·929 | —·001 | .. | 3·6 | 76·7 | 71·4 | 92·0 | —1·1 | 70·9 | —0·1 | 109·1 | 56·9 | 76 | —1 | 4·1 | 63 | —0·6 | 48·50 | +9·07 | 3·22 |
| Cuddalore | 29·798 | —·003 | .. | 5·7 | 79·9 | 74·7 | 89·5 | —1·1 | 75·0 | +0·5 | 107·1 | 64·2 | 78 | —3 | 5·4 | 52 | —4·6 | 54·97 | +2·29 | 4·70 |
| Vellore | 29·129 | —·005 | .. | 2·4 | 77·0 | 72·1 | 91·8 | +0·4 | 71·8 | —0·7 | 110·0 | 57·0 | 79 | +4 | 3·7 | 65 | +9·0 | 48·69 | +6·19 | 4·84 |
| Madras | 29·805 | —·010 | .. | 4·0 | 80·6 | 74·9 | 91·1 | +0·1 | 75·1 | +0·3 | 111·2 | 63·3 | 77 | 0 | 4·9 | 62 | +4·8 | 54·38 | +4·53 | 3·17 |
| Cuddapah | 29·403 | —·005 | .. | .. | 80·3 | 72·2 | 95·3 | —0·5 | 74·4 | —0·1 | 110·8 | 59·2 | 67 | 0 | 4·7 | 41 | —4·5 | 37·41 | +6·38 | 5·30 |
| Bellary | 28·363 | 0 | .. | 4·9 | 77·8 | 68·9 | 93·7 | +0·4 | 70·7 | —0·2 | 110·3 | 58·2 | 63 | +2 | 3·8 | 26 | — 8·8 | 26·87 | +6·74 | 4·20 |
| Kurnool | 28·904 | +·001 | .. | 2·9 | 76·6 | 70·4 | 94·6 | +0·7 | 71·9 | +1·1 | 114·2 | 54·6 | 71 | +3 | 4·2 | 38 | —9·0 | 18·32 | —7·76 | 1·75 |
| Nellore | 29·746 | —·014 | .. | 3·1 | 79·9 | 73·8 | 92·8 | —1·2 | 74·9 | —0·2 | 111·9 | 63·1 | 75 | —1 | 5·3 | 46 | +3·3 | 35·93 | —0·33 | 5·12 |
| Masulipatam | 29·808 | —·007 | .. | 5·3 | 79·7 | 74·3 | 90·5 | 0 | 73·8 | —0·7 | 115·2 | 63·0 | 77 | —5 | 5·2 | 61 | +7·5 | 54·88 | +14·67 | 6·25 |
| Cocanada | 29·794 | —·001 | .. | 5·5 | 79·6 | 74·8 | 89·4 | —0·1 | 74·9 | —0·1 | 115·2 | 60·1 | 79 | +2 | 5·7 | 60 | +7·5 | 43·04 | +4·71 | 3·08 |
| Waltair (Vizagapatam) | 29·765 | —·004 | .. | 7·2 | 80·6 | 74·4 | 87·3 | +2·2 | 76·5 | —1·2 | 108·9 | 62·5 | 74 | +1 | 5·7 | 45 | —5·2 | 31·22 | —6·03 | 4·10 |
| Calingapatam | 29·774 | .. | .. | 6·0 | 78·6 | 74·3 | 88·9 | .. | 73·7 | .. | 104·1 | 57·1 | 81 | .. | 3·9 | 52 | +2·3 | 44·81 | +0·51 | 6·12 |
| Gopalpur | 29·737 | —·001 | .. | 7·9 | 77·9 | 74·4 | 86·6 | +0·6 | 73·0 | —0·1 | 99·5 | 57·0 | 84 | +3 | 3·5 | 50 | —6·5 | 42·98 | —2·32 | 3·64 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | |
| P. V. Fraser | 29·766 | .. | .. | .. | 80·4 | 76·2 | .. | .. | .. | .. | .. | .. | 81 | .. | 4·1 | 62 | +7·8 | 55·68 | +16·92 | 11·45 |
| Port Blair | 29·757 | —·025 | .. | 6·6 | 80·6 | 76·6 | 86·3 | —0·9 | 76·6 | —0·4 | 94·4 | 69·5 | 81 | —4 | 5·6 | 130 | —9·2 | 102·06 | —15·01 | 5·00 |
| Table Island (c) | 29·701 | —·034 | .. | 11·4 | 81·1 | 77·6 | 85·1 | —0·9 | 77·8 | +0·7 | 92·5 | 72·3 | 85 | +3 | 5·6 | 77 | —22·2 | 63·28 | —0·65 | 4·40 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Muzaffarabad | (a) 29·451 | .. | .. | 1·8 | 64·0 | 56·2 | (a) 82·5 | .. | 58·2 | .. | 110·8 | 35·5 | 65 | .. | 3.5 | 78 | —0·1 | 55·46 | +3·21 | 4·12 |
| Srinagar | 24·862 | +·007 | .. | 1·8 | 51·8 | (b) 52·5 | 65·0 | —1·1 | 44·6 | +0·5 | 94·7 | 10·0 | (b) 76 | (b) —9 | 5·1 | 49 | —10·2 | 27·58 | +1·11 | 1·85 |
| Gulmarg (g) | 21·775 | —·001 | .. | 2·7 | 59·7 | 54·3 | 66·7 | 0 | 47·2 | +0·3 | 80·2 | 34·3 | 73 | —5 | 4·5 | 34 | +1·3 | 18·34 | +3·18 | 3·28 |
| Dras | 20·793 | +·030 | .. | 3·0 | 31·9 | (f) 46·9 | 47·2 | —3·8 | 24·6 | +3·3 | 83·7 | —30·0 | (f) 79 | (f) +11 | 5·5 | 73 | +17·2 | 37·60 | +16·38 | 3·21 |
| Leh | 19·688 | +·017 | .. | 1·6 | 37·9 | (f) 42·2 | 54·9 | —0·5 | 30·9 | +1·3 | 80·8 | —9·8 | (f) 53 | (f) +4 | 4·3 | 9 | —0·7 | 3·49 | +0·28 | 0·54 |
| Skardu | 22·848 | +·002 | .. | 3·7 | 46·4 | (d) 47·8 | 61·9 | —0·4 | 41·3 | +0·9 | 97·6 | 15·5 | (d) 56 | (d) —3 | 4·5 | 26 | +6·2 | 9·71 | +2·05 | 0·98 |
| Gilgit | 25·140 | +·038 | .. | 0·5 | 57·7 | (a) 52·5 | 72·4 | —0·2 | 50·8 | —1·8 | 104·2 | 28·0 | (a) 60 | (a) +11 | 4·5 | 29 | +13·6 | 9·29 | +4·38 | 0·93 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 25·361 | .. | .. | 3·6 | 59·5 | (b) 52·7 | 82·1 | .. | 54·9 | .. | 108·2 | 22·8 | (b) 46 | .. | 2·7 | 17 | —8·6 | 9·01 | —1·42 | 1·61 |
| Quetta | 24·587 | —·001 | .. | 1·9 | 50·1 | (b) 47·9 | 75·7 | +2·1 | 44·3 | 0 | 99·7 | 17·3 | (b) 59 | (b) +5 | 1·8 | 19 | —5·5 | 6·27 | —3·75 | 0·76 |
| Chaman | 25·611 | —·028 | .. | 5·1 | 61·5 | (a) 49·0 | 79·7 | +2·2 | 55·3 | +1·5 | 110·4 | 25·2 | (a) 33 | (a) —11 | 2·3 | 16 | —3·2 | 5·56 | —1·56 | 0·75 |
| Kalat | 23·679 | .. | .. | 6·5 | 48·1 | (e) 47·5 | 73·3 | —0·4 | .. | .. | 96·9 | .. | (e) 41 | (e) 0 | 1·6 | 16 | —2·6 | 5·70 | —1·26 | 1·10 |
| Dalbandin | 27·043 | .. | .. | 4·4 | 62·3 | 50·8 | 88·4 | .. | (a) 57·3 | .. | 113·7 | 22·5 | 44 | .. | 1·5 | 7 | —2·7 | 1·55 | —2·22 | 0·31 |
| Pasni | (c) 29·768 | .. | .. | (b) 7·2 | 73·1 | 68·1 | 89·1 | .. | 67·5 | .. | 111·7 | 45·3 | 76 | .. | 3·3 | 11 | +1·3 | 6·49 | —0·90 | 1·51 |
| Panjgur | 26·657 | .. | .. | 4·7 | 62·1 | 52·5 | 86·1 | .. | 57·5 | .. | 110·6 | 26·8 | 54 | .. | 1·6 | 8 | .. | 6·56 | .. | 2·08 |
| Seistan (h) | 28·082 | .. | .. | 8·3 | 60·8 | (a) 52·7 | 83·6 | .. | 56·3 | .. | 112·8 | 24·9 | (a) 51 | .. | 1·5 | 5 | .. | 1·73 | .. | 0·65 |

(a) Mean of 11 months.
(b) Mean of 10 months.
(c) Mean of 9 months.
(d) Mean of 8 months.
(e) Mean of 7 months.
(f) Mean of 6 months.
(g) Mean of 4 months.
(h) Aneroid.

# TABLE C.—FEBRUARY 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 56·5 | 54·1 | 77·1 | +2·5 | 40·2 | —8·1 | 87·1 | 31·1 | 85 | —9 | .. | 2 | —1·5 | 0·44 | —1·03 | 0·22 |
| Borjuli | .. | .. | 65·1 | 59·7 | 83·0 | +6·4 | 49·4 | +1·5 | 88·8 | 42·6 | 71 | —18 | .. | 2 | —1·1 | 0·31 | —1·04 | 0·18 |
| Chandkhira | .. | .. | 56·1 | 54·3 | 82·5 | +1·5 | 40·9 | —10·7 | 90·8 | 30·8 | 91 | —2 | .. | 3 | +0·2 | 1·41 | —0·35 | 0·85 |
| Doom Dooma | .. | .. | 54·3 | 53·1 | 74·1 | +9·3 | 50·7 | +1·0 | 83·3 | 43·2 | 92 | —2 | .. | 7 | —0·5 | 1·38 | —1·44 | 0·35 |
| Dikom | .. | .. | 55·9 | 54·3 | 73·7 | +0·9 | 51·1 | +0·8 | 84·4 | 44·6 | 89 | —5 | .. | 5 | —1·6 | 1·88 | —0·54 | 0·66 |
| Golaghat | .. | .. | 56·6 | 55·6 | 75·5 | +1·5 | 48·9 | .. | 83·9 | 42·2 | 93 | 0 | .. | 3 | —1·4 | 1·31 | —0·43 | 0·60 |
| Hailakandi | .. | .. | 59·8 | 57·8 | 81·1 | +1·6 | 54·2 | +2·0 | 87·6 | 43·6 | 88 | —2 | .. | 2 | —1·4 | 0·88 | —0·95 | 0·56 |
| Jorehat | .. | .. | 57·4 | 56·5 | 74·3 | +0·3 | 52·3 | 0 | 83·7 | 43·1 | 95 | +1 | .. | 4 | —0·6 | 1·55 | —0·16 | 0·69 |
| Lumding | .. | .. | 54·2 | .. | 79·0 | .. | 49·1 | .. | 86·9 | 42·0 | .. | .. | .. | 1 | —1·8 | 0·58 | —0·62 | 0·58 |
| Messa | .. | .. | 64·6 | 60·1 | 81·3 | +1·5 | 49·8 | +1·0 | 87·5 | 43·8 | 75 | —7 | .. | 4 | +0·5 | 1·46 | +0·04 | 0·90 |
| Panerihat | .. | .. | 54·3 | 52·4 | 78·1 | +3·0 | 46·3 | —2·0 | 84·9 | 38·1 | 88 | —1 | .. | 2 | —1·0 | 0·78 | —0·65 | 0·46 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 59·5 | 51·7 | 80·2 | —0·3 | 48·0 | —7·6 | 82·2 | 44·9 | 55 | —27 | .. | 1 | —1·4 | 0·18 | —1·20 | 0·18 |
| Goalundo | .. | .. | 61·1 | 58·5 | 83·7 | +3·6 | 53·1 | +1·0 | 91·1 | 42·1 | 85 | +4 | .. | 0 | —2·5 | 0·03 | —1·26 | 0·03 |
| Pabna | .. | .. | 63·8 | 59·7 | 84·4 | +1·8 | 55·6 | +2·7 | 91·8 | 47·9 | 77 | +3 | .. | 0 | —1·8 | 0 | —0·84 | 0 |
| Dam Dim | .. | .. | 55·0 | 52·9 | 81·2 | +0·3 | 48·3 | +2·6 | 87·3 | 40·8 | 86 | —7 | .. | 0 | —2·3 | 0·10 | —0·98 | 0·06 |
| Kalchini | .. | .. | 59·5 | 55·6 | 78·2 | +2·0 | 50·3 | +1·5 | 86·1 | 40·5 | 76 | —1 | .. | 1 | —1·9 | 0·49 | —0·90 | 0·49 |
| Nagrakata | .. | .. | 66·7 | 58·4 | 77·2 | +0·7 | 54·4 | +0·6 | 85·1 | 45·0 | 59 | —16 | .. | 1 | —2·4 | 0·27 | —1·10 | 0·27 |
| Raniganj (Asansol) | .. | .. | 61·7 | 55·0 | 83·3 | .. | 55·2 | .. | 91·6 | 47·5 | 63 | .. | 0·7 | 1 | —0·8 | 0·25 | —0·72 | 0·19 |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | N 22° E | 1·5 | 61·6 | 49·3 | 85·4 | .. | 52·4 | .. | 94·2 | 45·4 | 36 | .. | 1·0 | 0 | —1·7 | 0·04 | —0·71 | 0·04 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 72·1 | 67·9 | 94·1 | .. | 63·3 | .. | 96·6 | 60·5 | 80 | .. | 0·6 | 0 | —0·2 | 0 | —0·02 | 0 |
| Guntur | .. | .. | 73·5 | 69·3 | 91·2 | .. | 67·7 | .. | 96·5 | 65·2 | 80 | .. | 0 | 0 | —0·2 | 0 | —0·17 | 0 |
| Koraput | .. | .. | 59·5 | 55·3 | 84·2 | .. | 53·9 | .. | 96·7 | 45·3 | 77 | .. | .. | 1 | .. | 0·33 | .. | 0·33 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 19° E | .. | 56·3 | 47·7 | 73·3 | .. | 52·2 | .. | 85·1 | 44·7 | 51 | .. | 3·1 | 1 | —3·2 | 0·87 | —2·34 | 0·84 |
| Kargil | S 17° E | .. | 12·9 | .. | 27·8 | .. | —5·7 | .. | 45·7 | —19·3 | .. | .. | 4·7 | 0 | —3·5 | 0·02 | —1·36 | 0·01 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 62·4 | 55·2 | 78·9 | +3·8 | 56·3 | +2·8 | 85·7 | 48·1 | 61 | —3 | .. | 1 | —1·4 | 0·70 | —0·49 | 0·70 |
| Kurseong | .. | .. | 51·9 | 51·2 | 60·0 | +1·6 | 43·7 | —2·0 | 63·0 | 39·9 | 96 | +24 | .. | 1 | —2·3 | 0·13 | —1·44 | 0·13 |
| Poo | S 82° E | .. | .. | .. | 44·5 | +4·0 | 24·1 | +0·7 | 60·8 | 13·0 | .. | .. | 3·5 | 1 | —4·6 | 0·45 | —1·79 | 0·40 |
| Pishin | .. | .. | .. | .. | 61·4 | +6·1 | 20·9 | —6·7 | 80·5 | 9·0 | .. | .. | 1·7 | 0 | —3·8 | 0·08 | —1·79 | 0·04 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chumbi | .. | .. | 27·7 | .. | 48·2 | .. | 23·3 | .. | 54·0 | 19·2 | .. | .. | 2·5 | 1 | —2·7 | 0·21 | —1·17 | 0·18 |
| Abadan | N 25° | .. | 59·2 | 50·9 | 68·5 | .. | 47·4 | .. | 76·0 | 38·5 | 51 | .. | .. | 0 | .. | 0·02 | .. | 0·01 |

## Table C.—Abstract of observations taken at 8 hrs. at 30 fourth class stations, in the year 1921.

# TABLE C.—JANUARY 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 54·1 | 50·8 | 76·1 | +3·3 | 39·3 | —5·6 | 82·1 | 33·1 | 78 | —16 | .. | 5 | +2·8 | 2·11 | +1·15 | 0·74 |
| Borjuli | .. | .. | 61·7 | 57·7 | 80·6 | +5·8 | 48·1 | +0·2 | 84·3 | 40·8 | 78 | —13 | .. | 2 | +0·2 | 0·88 | +0·16 | 0·69 |
| Chandkhira | .. | .. | 54·0 | 52·4 | 79·2 | +1·3 | 41·5 | —7·8 | 99·6 | 31·0 | 91 | —3 | .. | 3 | +1·2 | 0·88 | —0·50 | 0·36 |
| Doom Dooma | .. | .. | 52·3 | 51·7 | 73·0 | +8·9 | 49·3 | +4·2 | 78·8 | 43·2 | 96 | +1 | .. | 8 | +4·5 | 3·50 | +1·88 | 0·81 |
| Dikom | .. | .. | 53·3 | 51·9 | 73·7 | +2·2 | 48·6 | +3·2 | 79·4 | 42·8 | 91 | —5 | .. | 6 | +2·0 | 1·98 | +0·57 | 0·48 |
| Golaghat | .. | .. | 54·7 | 53·8 | 73·3 | +1·2 | 47·1 | .. | 77·9 | 40·4 | 94 | +2 | .. | 2 | —1·1 | 0·52 | —0·48 | 0·25 |
| Hailakandi | .. | .. | 56·7 | 55·8 | 79·0 | +1·7 | 53·3 | +2·6 | 84·4 | 44·4 | 94 | 0 | .. | 2 | +0·3 | 1·12 | —0·42 | 0·55 |
| Jorehat | .. | .. | 55·5 | 54·6 | 73·5 | +1·1 | 49·5 | +0·3 | 78·9 | 43·9 | 94 | —1 | .. | 4 | +1·5 | 1·33 | +0·19 | 0·39 |
| Lumding | .. | .. | 52·5 | 51·8 | 75·7 | .. | 48·1 | .. | 80·9 | 41·5 | 96 | .. | .. | 4 | +3·0 | 1·23 | +0·76 | 0·46 |
| Messa | .. | .. | 63·5 | 59·1 | 78·2 | —1·1 | 47·8 | +3·2 | 83·8 | 40·8 | 76 | —2 | .. | 4 | +2·6 | 1·73 | +1·08 | 0·71 |
| Panerihat | .. | .. | 50·8 | 49·9 | 76·3 | +1·9 | 44·1 | —2·1 | 80·3 | 37·3 | 95 | 0 | .. | 2 | +0·8 | 1·36 | +0·97 | 0·97 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 61·1 | 53·0 | 79·1 | +1·4 | 48·3 | —4·6 | 80·3 | 46·1 | 55 | —32 | .. | 1 | 0 | 0·41 | +0·12 | 0·30 |
| Goalundo | .. | .. | 59·6 | 57·1 | 78·5 | +1·2 | 52·0 | +1·7 | 86·7 | 41·8 | 85 | —1 | .. | 2 | +1·2 | 0·85 | +0·60 | 0·69 |
| Pabna | .. | .. | 60·4 | 58·3 | 79·9 | +0·7 | 54·3 | +3·3 | 89·4 | 45·1 | 88 | +7 | .. | 2 | +1·4 | 1·49 | +1·17 | 0·79 |
| Dam Dim | .. | .. | 51·7 | 50·5 | 79·7 | —1·0 | 45·2 | +1·3 | 84·1 | 39·7 | 91 | —5 | .. | 3 | +1·9 | 1·40 | +0·91 | 0·77 |
| Kaichini | .. | .. | 56·0 | 53·7 | 75·6 | +0·5 | 46·3 | +0·7 | 81·1 | 40·0 | 84 | +4 | .. | 1 | +0·1 | 1·15 | +0·75 | 0·94 |
| Nagrakata | .. | .. | 63·6 | 57·4 | 74·4(a) | +0·1 | 52·1 | +0·3 | 79·1 | 45·0 | 67 | —14 | .. | 2 | +0·8 | 0·78 | +0·16 | 0·62 |
| Raniganj (Asansol) | .. | .. | 58·1 | 53·5 | 78·7 | .. | 53·3 | .. | 88·8 | 44·1 | 71 | .. | 2·5 | 2 | +0·9 | 1·90 | +1·42 | 1·28 |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | N 34° E | 1·1 | 57·3 | 49·6 | 82·1 | .. | 51·5 | .. | 88·7 | 40·2 | 56 | .. | 1·4 | 0 | —0·9 | 0·01 | —0·51 | 0·01 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 69·6 | 65·5 | 89·5 | .. | 63·0 | .. | 94·3 | 55·9 | 80 | .. | 1·8 | 1 | +0·8 | 0·20 | +0·17 | 0·20 |
| Guntur | .. | .. | 71·7 | 68·4 | 88·1 | .. | 67·4 | .. | 92·0 | 62·1 | 83 | .. | 0·1 | 4 | +3·4 | 1·74 | +1·46 | 0·84 |
| Koraput | .. | .. | 58·0 | 52·9 | 80·2 | .. | 51·3 | .. | 85·2 | 40·8 | 71 | .. | .. | 1 | .. | 0·20 | .. | 0·20 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 25° E | .. | 51·7 | 45·6 | 67·6 | .. | 49·2 | .. | 77·7 | 43·3 | 60 | .. | 4·0 | 3 | —2·0 | 1·61 | —1·65 | 1·00 |
| Kargil | S 4° W | .. | 17·7 | .. | 30·0 | .. | —0·3 | .. | 41·0 | —19·5 | .. | .. | 1·5 | 0 | —5·3 | 0·11 | —1·88 | 0·04 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 57·3 | 53·7 | 75·9 | +2·6 | 53·0 | +0·9 | 78·9 | 46·9 | 79 | +10 | .. | 4 | +3·1 | 2·08 | +1·56 | 0·80 |
| Kurseong | .. | .. | 53·4 | 52·8 | 61·9 | +7·6 | 48·5 | +0·7 | 66·8 | 40·8 | 96 | +20 | .. | 4 | +2·6 | 4·15 | +3·64 | 1·44 |
| Póo | N 45° W | .. | .. | .. | 41·7 | +1·6 | 23·6 | +0·8 | 53·8 | 12·2 | .. | .. | 5·7 | 0 | —5·3 | 0·24 | —1·94 | 0·06 |
| Pishin | .. | .. | .. | .. | 53·5 | +2·3 | 18·5 | —5·8 | 65·3 | 8·4 | .. | .. | 3·0 | 3 | —1·0 | 0·75 | —1·13 | 0·27 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chumbi | .. | .. | 23·7 | .. | 44·8 | .. | 19·3 | .. | 49·0 | 14·9 | .. | .. | 1·6 | 2 | +0·6 | 1·35 | +0·98 | 0·65 |
| Abadan | N 5° W | .. | 52·8 | 50·0 | 62·9 | .. | 45·0 | .. | 69·0 | 33·0 | 80 | .. | .. | 6 | .. | 1·61 | .. | 0·31 |

(a) Mean of 30 days.

# TABLE C.—MARCH 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 68·4 | 63·9 | 83·9 | +1·9 | 52·7 | —2·5 | 90·9 | 46·1 | 77 | —15 | .. | 5 | +0·1 | 4·32 | +1·93 | 1·79 |
| Borjuli | .. | .. | 71·2 | 64·9 | 90·0 | +6·7 | 60·8 | +3·8 | 92·2 | 55·6 | 70 | —8 | .. | 5 | +0·4 | 3·53 | +1·56 | 2·04 |
| Chandkhira | .. | .. | 66·9 | 64·9 | 86·2 | —1·6 | 55·0 | —2·4 | 90·4 | 50·4 | 90 | +3 | .. | 7 | +2·1 | 7·37 | +3·40 | 3·32 |
| Doom Dooma | .. | .. | 65·0 | 63·1 | 79·7 | +5·7 | 60·6 | +4·1 | 89·3 | 50·7 | 90 | —4 | .. | 9 | —1·3 | 5·44 | —0·11 | 2·25 |
| Dikom | .. | .. | 65·2 | 62·7 | 79·7 | +1·4 | 60·4 | +3·0 | 88·8 | 51·8 | 87 | —4 | .. | 12 | +2·6 | 7·23 | +2·64 | 2·15 |
| Golaghat | .. | .. | 66·2 | 65·1 | 81·7 | +1·4 | 58·6 | .. | 88·9 | 52·2 | 94 | +7 | .. | 5 | —1·3 | 3·65 | +1·02 | 2·25 |
| Hailakandi | .. | .. | 71·0 | 68·0 | 85·7 | 0 | 65·4 | +5·2 | 91·4 | 56·4 | 85 | —2 | .. | 6 | —0·8 | 7·83 | +2·26 | 3·81 |
| Jorehat | .. | .. | 66·6 | 64·2 | 80·3 | 0 | 59·6 | +0·9 | 87·5 | 53·3 | 87 | +1 | .. | 8 | +1·2 | 5·62 | +2·56 | 1·78 |
| Lumding | .. | .. | 67·7 | 64·4 | 87·2 | .. | 61·6 | .. | 93·9 | 55·5 | 84 | .. | .. | 6 | +0·6 | 4·14 | +1·83 | 1·46 |
| Messa | .. | .. | 72·7 | 67·5 | 87·2 | +0·1 | 60·7 | +5·5 | 91·7 | 53·8 | 75 | —2 | .. | 5 | +0·7 | 2·67 | +0·43 | 0·95 |
| Panerihat | .. | .. | 64·0 | 61·0 | 83·6 | +1·8 | 56·8 | +1·6 | 89·8 | 47·1 | 84 | +3 | .. | 6 | +1·0 | 7·19 | +4·51 | 2·22 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 65·4 | 55·3 | 88·1 | 0 | 52·3 | —11·6 | 97·2 | 49·1 | 49 | —30 | .. | 8 | +3·6 | 9·23 | +5·57 | 3·70 |
| Goalundo | .. | .. | 75·0 | 71·6 | 90·7 | +1·0 | 67·9 | +6·8 | 101·5 | 54·0 | 84 | +8 | .. | 7 | +3·3 | 3·39 | +1·05 | 0·95 |
| Pabna | .. | .. | 74·6 | 71·1 | 91·0 | —0·6 | 67·4 | +5·7 | 102·2 | 54·7 | 84 | +9 | .. | 3 | +0·2 | 2·83 | +1·47 | 1·39 |
| Dam Dim | .. | .. | 66·4 | 63·4 | 86·4 | +0·7 | 60·7 | +7·6 | 91·6 | 49·8 | 84 | —4 | .. | 4 | +0·3 | 3·47 | +1·34 | 1·69 |
| Kalchini | .. | .. | 71·2 | 64·8 | 84·5 | +0·8 | 60·5 | +5·4 | 90·1 | 53·0 | 69 | —5 | .. | 3 | —0·5 | 1·45 | —0·54 | 1·00 |
| Nagrakata | .. | .. | 74·1 | 65·5 | 84·5 | +0·9 | 62·1 | +2·9 | 88·6 | 51·5 | 61 | —11 | .. | 3 | —1·2 | 1·90 | —0·39 | 1·21 |
| Raniganj (Asansol) | .. | .. | 74·9 | 64·5 | 95·7 | .. | 67·3 | .. | 106·1 | 61·0 | 57 | .. | 2·1 | 1 | —1·1 | 0·70 | —0·43 | 0·70 |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | N 18° W | 1·1 | 76·4 | 58·8 | 97·5 | .. | 64·0 | .. | 102·5 | 52·4 | 31 | .. | 0·3 | 0 | —2·3 | 0 | —0·77 | 0 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 79·2 | 72·7 | 101·9 | .. | 69·8 | .. | 105·5 | 60·1 | 73 | .. | 0·5 | 0 | —0·3 | 0 | —0·18 | 0 |
| Guntur | .. | .. | 77·2 | 73·6 | 97·7 | .. | 71·1 | .. | 103·0 | 60·9 | 83 | .. | 0 | 0 | —1·0 | 0 | —1·64 | 0 |
| Koraput | .. | .. | 67·4 | 59·2* | 93·5 | .. | 62·6 | .. | 98·2 | 51·3 | 54 | .. | 0 | 0 | .. | 0 | .. | 0 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 27° E | .. | 70·7 | 55·3 | 86·7 | .. | 65·5 | .. | 92·1 | 52·2 | 33 | .. | 3·3 | 0 | —4·8 | 0·01 | —3·21 | 0·01 |
| Kargil | .. | .. | 32·8 | 34·1(a) | 46·2 | .. | 16·5 | .. | 57·5 | —1·6 | 74(a) | .. | 4·7 | 3 | +1·1 | 0·54 | —0·41 | 0·17 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 69·9 | 62·0 | 87·3 | +4·1 | 63·5 | +2·5 | 89·5 | 49·5 | 63 | +8 | .. | 3 | —0·5 | 2·48 | +0·13 | 1·64 |
| Kurseong | .. | .. | 59·0 | 58·3 | 67·4 | +0·5 | 50·2 | —2·9 | 71·5 | 46·8 | 96 | +35 | .. | 4 | +0·2 | 2·66 | —0·16 | 1·53 |
| Poo | S 73° E | .. | .. | .. | 60·7 | +12·0 | 38·7 | +7·6 | 68·8 | 32·0 | .. | .. | 3·1 | 2 | —4·1 | 0·77 | —2·38 | 0·45 |
| Pishin | .. | .. | .. | .. | 73·4 | +8·3 | 30·4 | —5·8 | 85·0 | 13·0 | .. | .. | 1·3 | 0 | —4·7 | 0·01 | —2·05 | 0·01 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chumbi | .. | .. | 33·9 | 34·6(b) | 52·1 | .. | 29·8 | .. | 55·8 | 22·2 | 92(b) | .. | 2·2 | 1 | —4·0 | 0·54 | —1·71 | 0·40 |
| Abadan | N 6° E | .. | 69·7 | 56·6 | 78·7 | .. | 57·5 | .. | 88·0 | 49·0 | 40 | .. | .. | 2 | .. | 0·36 | .. | 0·20 |

* = Mean of 17 days.
(a) = " 9 "
(b) = " 19 "

# TABLE C.—APRIL 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 72·0 | 69·2 | 83·2 | +0·1 | 56·8 | —5·9 | 91·3 | 49·1 | 87 | —4 | .. | 16 | +2·6 | 13·76 | +6·30 | 2·05 |
| Borjuli | .. | .. | 73·3 | 70·0 | 93·1 | +7·1 | 65·8 | +1·3 | 95·0 | 62·8 | 84 | —2 | .. | 15 | +3·6 | 7·31 | +0·99 | 1·34 |
| Chandkhira | .. | .. | 71·4 | 68·1 | 88·7 | —0·3 | 59·7 | —6·6 | 100·0 | 51·0 | 85 | —1 | .. | 18 | +5·7 | 18·62 | +7·64 | 5·88 |
| Doom Dooma | .. | .. | 69·5 | 67·9 | 81·4 | +2·5 | 65·6 | +3·5 | 91·8 | 62·2 | 92 | 0 | .. | 19 | +4·1 | 11·48 | +0·80 | 1·74 |
| Dikom | .. | .. | 70·2 | 68·2 | 80·7 | +0·5 | 66·0 | +2·0 | 90·8 | 62·0 | 90 | 0 | .. | 20 | +5·7 | 14·77 | +4·00 | 2·57 |
| Golaghat | .. | .. | 70·9 | 69·7 | 81·1 | —1·0 | 64·0 | .. | 89·9 | 60·2 | 94 | +5 | .. | 17 | +3·3 | 10·34 | +3·27 | 1·55 |
| Hailakandi | .. | .. | 74·3 | 70·5 | 88·6 | +1·3 | 68·3 | +0·6 | 93·2 | 63·2 | 82 | —6 | .. | 17 | +2·4 | 12·83 | —1·74 | 3·55 |
| Jorchat | .. | .. | 71·1 | 69·4 | 81·2 | —0·6 | 64·9 | —0·8 | 89·9 | 61·1 | 91 | +4 | .. | 19 | +3·9 | 11·47 | +2·10 | 2·40 |
| Lumding | .. | .. | 72·7 | 69·6 | 87·5 | .. | 67·8 | .. | 95·9 | 63·0 | 86 | .. | .. | 13 | +4·1 | 5·68 | +1·58 | 1·07 |
| Messa | .. | .. | 76·1 | 70·8 | 86·9 | —2·9 | 67·0 | +2·8 | 93·3 | 62·6 | 76 | —3 | .. | 13 | +0·8 | 10·17 | +4·06 | 2·05 |
| Panerihat | .. | .. | 69·1 | 67·6 | 82·8 | —0·7 | 63·1 | —0·5 | 89·1 | 59·3 | 93 | .. | .. | 20 | +7·8 | 14·62 | +6·81 | 2·14 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 72·0 | 61·1 | 97·3 | +5·9 | 56·7 | —13·7 | 98·2 | 54·7 | 50 | —30 | .. | 7 | —1·6 | 10·66 | +3·27 | 6·60 |
| Goalundo | .. | .. | 80·9 | 75·6 | 94·3 | —0·7 | 73·0 | +1·3 | 102·1 | 65·0 | 77 | 0 | .. | 8 | +1·9 | 5·61 | +1·54 | 1·63 |
| Pabna | .. | .. | 79·6 | 76·2 | 94·9 | —2·3 | 72·1 | +1·5 | 104·1 | 67·3 | 85 | +6 | .. | 8 | +3·5 | 4·04 | +1·12 | 0·90 |
| Dam Dim | .. | .. | 71·9 | 69·7 | 87·4 | —1·9 | 67·8 | +3·6 | 94·4 | 62·4 | 89 | +3 | .. | 9 | +1·9 | 6·78 | +1·84 | 1·78 |
| Kalchini | .. | .. | 74·3 | 70·5 | 85·5 | —1·7 | 67·3 | +1·8 | 91·1 | 60·5 | 81 | +3 | .. | 12 | +2·4 | 7·92 | +1·53 | 2·65 |
| Negrakata | .. | .. | 77·3 | 70·9 | 84·7 | —3.0 | 68·3 | +2·0 | 90·2 | 63·0 | 72 | —1 | .. | 9 | —0·1 | 3·90 | —2·35 | 1·05 |
| Raniganj (Asansol) | .. | .. | 82·6 | 73·8 | 103·3 | .. | 73·6 | .. | 110·6 | 67·1 | 65 | .. | 1·3 | 3 | +0·3 | 0·70 | —0·72 | 0·36 |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | N 76° W | 1·3 | 86·2 | 63·9 | 102·8 | .. | 73·5 | .. | 105·6 | 65·8 | 26 | .. | 1·4 | 0 | —1·9 | 0·01 | —0·62 | 0·01 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 83·6 | 77·4 | 101·2 | .. | 77·5 | .. | 107·3 | 72·7 | 75 | .. | 4·6 | 3 | +2·2 | 1·40 | +1·03 | 0·60 |
| Guntur | .. | .. | 83·4 | 77·7 | 98·8 | .. | 77·0 | .. | 105·0 | 66·1 | 77 | .. | 1·0 | 1 | —0·7 | 0·57 | —0·03 | 0·44 |
| Koraput | .. | .. | 73·9 | 66·4 | 95·1 | .. | 68·8 | .. | 99·8 | 64·8 | 68 | .. | .. | 6 | .. | 2·22 | .. | 1·10 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 21° E | .. | 85·5 | 62·7 | 99·2 | .. | 78·5 | .. | 104·4 | 66·2 | 24 | .. | 3·5 | 0 | —3·8 | 0·17 | —1·41 | 0·09 |
| Kargil | S 40° W | .. | 45·7 | 40·0(g) | 62·3 | .. | 29·1 | .. | 71·8 | 19·4 | 58(g) | .. | 5·0 | 7 | +3·3 | 2·16 | +0·22 | 0·75 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 73·6 | 67·4 | 93·1 | +5·5 | 66·8 | 0 | 93·3 | 61·1 | 72 | +11 | .. | 6 | —0·1 | 2·37 | —1·59 | 0·88 |
| Kurseong | .. | .. | 62·5 | 61·7 | 70·3 | —1·1 | 53·5 | —4·3 | 73·4 | 50·7 | 96 | +23 | .. | 10 | +2·7 | 3·40 | —0·89 | 0·65 |
| Poo | .. | .. | .. | .. | 67·2(e) | +8·3 | 44·0(e) | +5·2 | 75·7 | 36·0 | .. | .. | 2·8 | 1 | —3·4 | 0·21 | —1·97 | 0·13 |
| Pishin | .. | .. | .. | .. | 82·9 | +4·1 | 43·0 | —0·4 | 91·2 | 35·0 | .. | .. | 1·7 | 1 | —1·1 | 0·44 | —0·39 | 0·43 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chumbi | .. | .. | 41·9 | 40·7 | 59·3 | .. | 34·6 | .. | 64·2 | 28·8 | 92 | .. | 4·0 | 4 | —6·3 | 1·13 | —2·45 | 0·48 |
| Abadan (f) | N 9° E* | .. | 81·7 | 64·2 | 92·4 | .. | 66·9(g) | .. | 101·0 | 60·0 | 34 | .. | .. | 1 | .. | 0·24 | .. | 0·21 |

(g)=Mean of 27 days.
(e)= " 29 "
(f)= " 28 "

* 1 wind variable.

# TABLE C.—MAY 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean maximum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 78·2 | 74·8 | 87·3 | +0·5 | 63·0 | —4·3 | 96·3 | 56·9 | 85 | —7 | .. | 19 | +4·1 | 21·47 | +11·64 | 2·50 |
| Borjuli | .. | .. | 78·8 | 75·5 | 94·7 | +6·8 | 70·8 | +0·9 | 96·0 | 64·6 | 85 | —2 | .. | 16 | +1·4 | 20·43 | +10·71 | 2·57 |
| Chandkhira | .. | .. | 76·2 | 73·0 | 90·6 | +0·9 | 63·1 | —6·1 | 99·7 | 60·2 | 87 | +3 | .. | 13 | —3·8 | 9·81 | —7·04 | 1·35 |
| Doom Dooma | .. | .. | 75·8 | 73·3 | 85·3 | —1·0 | 71·3 | +3·2 | 94·8 | 64·2 | 89 | —3 | .. | 20 | +7·4 | 13·55 | +4·77 | 1·67 |
| Dikom | .. | .. | 76·1 | 73·8 | 85·4 | —0·8 | 71·9 | +1·9 | 96·2 | 65·0 | 89 | +2 | .. | 20 | +5·5 | 12·72 | +1·86 | 1·70 |
| Golaghat | .. | .. | 76·8 | 75·1 | 85·8 | 0 | 69·0 | .. | 93·9 | 60·4 | 92 | +2 | .. | 12 | —1·8 | 3·51 | —5·49 | 0·64 |
| Hailakandi | .. | .. | 79·1 | 75·6 | 89·8 | —0·3 | 73·6 | +1·7 | 95·0 | 68·6 | 84 | —3 | .. | 11 | —5·2 | 9·01 | —7·68 | 1·33 |
| Jorehat | .. | .. | 77·6 | 76·0 | 86·9 | +0·7 | 71·1 | 0 | 94·9 | 63·8 | 93 | +7 | .. | 15 | +0·3 | 11·96 | +1·02 | 2·27 |
| Lumding | .. | .. | 77·7 | 74·4 | 90·3 | .. | 72·5 | .. | 97·9 | 65·0 | 86 | .. | .. | 12 | +2·1 | 7·35 | +1·80 | 2·40 |
| Messa | .. | .. | 82·5 | 76·5 | 90·4 | —1·2 | 72·1 | +3·4 | 95·8 | 66·0 | 75 | —6 | .. | 13 | —1·6 | 7·75 | —0·74 | 1·48 |
| Panerihat | .. | .. | 73·2 | 72·0 | 85·2 | +0·2 | 67·3 | —1·5 | 93·2 | 63·1 | 94 | +3 | .. | 21 | +6·6 | 42·81 | +31·72 | 4·68 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 72·6 | 62·6 | 97·7 | +6·8 | 58·6 | —15·1 | 98·6 | 55·9 | 54 | —28 | .. | 11 | —2·3 | 14·86 | +0·14 | 2·95 |
| Goalundo | .. | .. | 85·2 | 80·9 | 94·9 | +2·3 | 76·1 | +2·7 | 101·9 | 67·6 | 82 | +3 | .. | 9 | —1·5 | 5·45 | —3·05 | 1·10 |
| Pabna | .. | .. | 84·4 | 80·5 | 96·0 | +0·3 | 76·3 | +3·0 | 100·4 | 69·3 | 84 | +2 | .. | 9 | —0·7 | 5·85 | —1·80 | 1·39 |
| Dam Dim | .. | .. | 75·6 | 74·7 | 89·5 | —1·0 | 72·5 | +2·6 | 94·2 | 66·6 | 96 | +7 | .. | 20 | +4·6 | 22·22 | +6·71 | 4·59 |
| Kalchini | .. | .. | 76·9 | 74·5 | 85·8 | —3·0 | 71·1 | +1·0 | 92·6 | 65·0 | 88 | +6 | .. | 20 | +4·8 | 40·71 | +25·79 | 11·34 |
| Nagrakata | .. | .. | 78·6 | 74·6 | 85·8 | —2·5 | 71·9 | +1·7 | 91·9 | 67·0 | 83 | 0 | .. | 19 | +2·6 | 29·80 | +15·20 | 4·55 |
| Raniganj (Asansol) | .. | .. | 87·9 | 79·3 | 108·4 | .. | 81·0 | .. | 116·0 | 68·0 | 67 | .. | 2·0 | 22 | —3·4 | 1·11 | —2·96 | 0·64 |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | N 43° W | 2·0 | 91·8 | 66·0 | 106·4 | .. | 81·1 | .. | 110·2 | 76·1 | 22 | .. | 1·1 | 0 | —1·3 | 0 | —0·46 | 0 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 84·9 | 83·2 | 106·3 | .. | 79·5 | .. | 109·3 | 75·3 | 93 | .. | 3·6 | 0 | —4·4 | 0·18 | —2·04 | 0·07 |
| Guntur | .. | .. | 92·0 | 82·7 | 111·8 | .. | 85·0 | .. | 116·0 | 77·2 | 67 | .. | 0·1 | 0 | —2·3 | 0·04 | —1·45 | 0·04 |
| Koraput | .. | .. | 82·3 | 68·9 | 102·2 | .. | 76·4 | .. | 114·2 | 69·8 | 51 | .. | .. | 1 | .. | 0·28 | .. | 0·28 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 41° E | .. | 93·8 | 64·7 | 107·3 | .. | 85·9 | .. | 112·2 | 77·2 | 16 | .. | 3·0 | 2 | +0·2 | 0·25 | —0·30 | 0·15 |
| Kargil | S 22° W | .. | 52·3 | 44·1 | 67·7 | .. | 35·1 | .. | 79·4 | 27·5 | 53 | .. | 5·2 | 8 | +5·9 | 2·63 | +1·54 | 0·56 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 76·0 | 73·0 | 92·6 | +4·7 | 69·7 | —0·4 | 93·3 | 63·1 | 86 | +13 | .. | 12 | —1·3 | 16·19 | +4·76 | 3·82 |
| Kurseong | .. | .. | 67·5 | 66·6 | 74·0 | +1·3 | 61·3 | +0·6 | 76·6 | 55·5 | 95 | +16 | .. | 17 | +1·8 | 10·21 | —1·32 | 3·37 |
| Poo | N 77° E | .. | .. | .. | 73·8 | +5·1 | 50·3 | +3·6 | 82·5 | 35·3 | .. | .. | 3·0 | 3 | +0·8 | 2·86 | +1·95 | 2·32 |
| Pishin | .. | .. | .. | .. | 85·2 | —3·2 | 47·3 | —3·6 | 95·6 | 35·8 | .. | .. | 0·1 | 0 | —0·5 | 0 | —0·16 | 0 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chumbi | .. | .. | 53·9 | 52·8 | 60·0 | .. | 49·0 | .. | 66·0 | 42·2 | 94 | .. | 8·5 | 7 | —3·9 | 2·64 | —1·60 | 0·92 |
| Abadan | N | .. | 85·7 | 67·6(d) | 97·3 | .. | 73·2 | .. | 114·5 | 62·0 | 38(d) | .. | .. | 1 | .. | 0·64 | .. | 0·55 |

(d) = Mean of 30 days.

# TABLE C.—JUNE 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 79·0 | 76·3 | 90·1 | +0·8 | 65·5 | —5·8 | 96·9 | 59·1 | 88 | —5 | .. | 20 | +3·8 | 22·15 | +7·76 | 3·54 |
| Borjuli | .. | .. | 79·9 | 76·3 | 96·3 | +6·9 | 73·5 | —1·2 | 98·4 | 68·6 | 85 | —7 | .. | 21 | +4·5 | 22·43 | +8·33 | 4·81 |
| Chandkhira | .. | .. | 76·6 | 71·6 | 91·8 | +2·6 | 65·2 | —8·9 | 100·4 | 60·5 | 79 | —10 | .. | 26 | +3·8 | 30·43 | +5·18 | 6·57 |
| Doom Dooma | .. | .. | 78·4 | 75·8 | 87·4 | —2·1 | 74·3 | +0·4 | 98·5 | 68·2 | 88 | —6 | .. | 20 | +2·7 | 16·15 | —0·53 | 2·79 |
| Dikom | .. | .. | 78·1 | 75·9 | 87·3 | —1·7 | 74·5 | —0·5 | 98·2 | 69·2 | 90 | 0 | .. | 21 | +2·7 | 15·93 | —0·25 | 2·40 |
| Golaghat | .. | .. | 78·7 | 77·4 | 87·5 | —0·4 | 71·7 | .. | 96·9 | 66·8 | 94 | +5 | .. | 19 | +3·9 | 7·87 | —1·78 | 1·56 |
| Hailakandi | .. | .. | 79·1 | 76·7 | 87·3 | —2·2 | 75·1 | +0·2 | 94·8 | 68·6 | 89 | —1 | .. | 25 | +4·1 | 30·92 | +7·33 | 5·70 |
| Jorehat | .. | .. | 79·0 | 77·3 | 88·1 | —1·6 | 72·9 | —2·7 | 96·5 | 67·3 | 93 | +7 | .. | 18 | +1·5 | 8·52 | —1·91 | 1·54 |
| Lumding | .. | .. | 79·9 | 76·2 | 89·2 | .. | 74·7 | .. | 95·9 | 70·0 | 85 | .. | .. | 15 | +3·0 | 9·00 | —0·53 | 1·54 |
| Messa | .. | .. | 82·1 | 77·2 | 90·4 | —1·7 | 74·1 | —0·2 | 96·1 | 69·9 | 79 | —3 | .. | 17 | +0·5 | 16·28 | +3·84 | 3·43 |
| Panerihat | .. | .. | 74·8 | 74·3 | 86·5 | —0·9 | 69·6 | —4·1 | 94·7 | 66·3 | 98 | +5 | .. | 17 | +2·5 | 27·79 | +14·29 | 4·70 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 72·4 | 62·7 | 93·2 | +4·2 | 57·8 | —18·1 | 94·8 | 56·9 | 55 | —32 | .. | 14 | —2·3 | 19·50 | +2·32 | 6·70 |
| Goallundo | .. | .. | 83·3 | 80·3 | 89·5 | —0·4 | 76·9 | +0·3 | 96·3 | 69·4 | 87 | +2 | .. | 12 | —3·5 | 9·53 | —3·99 | 1·63 |
| Pabna | .. | .. | 83·1 | 80·4 | 91·1 | —2·2 | 76·3 | +3·4 | 97·3 | 73·1 | 88 | +3 | .. | 18 | +3·2 | 8·22 | —3·59 | 1·89 |
| Dam Dim | .. | .. | 77·1 | 75·9 | 90·1 | —0·6 | 74·0 | +0·5 | 96·1 | 68·8 | 95 | +1 | .. | 24 | +3·5 | 26·14 | —1·58 | 4·90 |
| Kalchini | .. | .. | 78·3 | 75·7 | 85·8 | —2·6 | 73·4 | —0·4 | 93·1 | 69·0 | 87 | 0 | .. | 24 | +5·1 | 31·95 | +6·68 | 5·72 |
| Nagrakata | .. | .. | 80·3 | 76·4 | 84·9 | —2·9 | 74·2 | +0·1 | 89·9 | 70·0 | 83 | —6 | .. | 22 | +0·5 | 21·09 | —6·29 | 6·44 |
| Raniganj (Asansol) | .. | .. | 84·5 | 79·0 | 98·0 | .. | 79·0 | .. | 114·1 | 75·3 | 78 | .. | 6·3 | 11 | —0·9 | 6·91 | —2·74 | 2·10 |
| **North-West Frontier Province.** | | | | | | | | | | | | | | | | | | |
| Bannu * | .. | .. | 88·9 | 76·5 | 103·7 | .. | 78·6 | .. | 108·0 | 69·8 | 58 | .. | .. | .. | .. | .. | .. | .. |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | N 72° W | 2·8 | 81·3 | 72·0 | 93·7 | .. | 75·6 | .. | 105·2 | 69·9 | 64 | .. | 6·1 | 7 | —2·6 | 3·92 | —2·30 | 0·82 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 81·3 | 74·3 | 97·7 | .. | 76·9 | .. | 105·0 | 70·5 | 71 | .. | 7·3 | 3 | —1·0 | 2·07 | +0·34 | 1·22 |
| Guntur | .. | .. | 87·0 | 79·3 | 103·0 | .. | 80·9 | .. | 114·0 | 71·2 | 71 | .. | 2·7 | 4 | —3·5 | 3·10 | —1·55 | 1·16 |
| Koraput | .. | .. | 74·4 | 69·1 | 86·8 | .. | 71·6 | .. | 104·2 | 62·8 | 79 | .. | .. | 11 | .. | 11·77 | .. | 2·68 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 68° E | .. | 92·5 | 71·1 | 104·2 | .. | 84·4 | .. | 112·5 | 72·1 | 33 | .. | 3·6 | 2 | —2·5 | 0·63 | —2·31 | 0·35 |
| Kargil | S 67° W | .. | 57·5 | 47·0 | 73·0 | .. | 40·2 | .. | 80·7 | 31·4 | 46 | .. | 4·9 | 3 | +2·0 | 1·36 | +1·21 | 0·70 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 76·9 | 74·6 | 89·2 | +2·1 | 70·4 | —2·9 | 92·1 | 65·9 | 89 | +4 | .. | 21 | +0·5 | 16·52 | —9·30 | 3·85 |
| Kurseong | .. | .. | 67·3 | 66·4 | 73·2 | —0·2 | 62·5 | —1·5 | 75·3 | 60·7 | 95 | +5 | .. | 25 | +3·1 | 24·25 | —7·48 | 4·14 |
| Poo | S 27° E | .. | .. | .. | 74·6 | —0·2 | 53·8 | +0·1 | 85·8 | 41·0 | .. | .. | 4·0 | 2 | +1·4 | 0·60 | +0·37 | 0·29 |
| Pishin | .. | .. | .. | .. | 93·1 | —3·2 | 53·3 | —4·4 | 100·6 | 41·7 | .. | .. | 0 | 0 | —0·1 | 0 | —0·04 | 0 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chumbi | .. | .. | 55·8 | 54·7 | 65·5 | .. | 49·6 | .. | 68·0 | 46·0 | 94 | .. | 4·0 | 14 | —0·4 | 6·31 | +0·23 | 2·18 |
| Abadan | N 3° E† | .. | 93·6 | 70·3 | 109·1 | .. | 78·8 | .. | 118·0 | 74·5 | 33 | .. | .. | 0 | .. | 0 | .. | 0 |

† 2 winds variable.
* Mean of 13 days.

# TABLE C.—JULY 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 80·3 | 78·1 | 90·6 | +0·8 | 67·3 | —5·5 | 96·9 | 63·9 | 90 | —5 | .. | 23 | +3·2 | 27·27 | +7·40 | 5·40 |
| Borjuli | .. | .. | 82·0 | 78·4 | 98·2 | +7·9 | 75·7 | +0·1 | 99·4 | 71·6 | 85 | —8 | .. | 18 | —2·4 | 18·07 | —2·44 | 3·30 |
| Chandkhira | .. | .. | 78·4 | 72·9 | 94·6 | +5·3 | 68·5 | —7·0 | 100·0 | 60·9 | 77 | —14 | .. | 22 | —1·0 | 16·70 | —2·24 | 2·74 |
| Doom Dooma | .. | .. | 80·2 | 77·1 | 89·4 | +0·5 | 75·7 | +0·7 | 99·8 | 71·0 | 87 | —7 | .. | 19 | —2·2 | 12·87 | —6·64 | 1·80 |
| Dikom | .. | .. | 80·0 | 77·5 | 89·7 | +0·7 | 76·3 | +0·2 | 99·6 | 74·0 | 89 | —3 | .. | 22 | +0·1 | 14·27 | —6·60 | 1·65 |
| Golaghat | .. | .. | 80·8 | 79·4 | 89·1 | +0·5 | 73·9 | .. | 97·1 | 71·6 | 94 | +3 | .. | 19 | +0·3 | 7·44 | —6·13 | 1·30 |
| Hailakandi | .. | .. | 80·0 | 77·9 | 89·2 | —0·6 | 76·9 | +0·8 | 96·4 | 74·4 | 91 | +1 | .. | 23 | 0 | 13·45 | —8·83 | 2·30 |
| Jorehat | .. | .. | 80·6 | 78·0 | 89·5 | —0·4 | 74·4 | —2·2 | 96·9 | 70·5 | 88 | —1 | .. | 18 | —0·4 | 10·39 | —5·16 | 1·92 |
| Lumding | .. | .. | 81·5 | 77·6 | 91·2 | .. | 76·6 | .. | 97·4 | 74·0 | 84 | .. | .. | 11 | +0·1 | 5·15 | —2·75 | 1·45 |
| Messa | .. | .. | 85·1 | 79·7 | 92·3 | —0·5 | 75·6 | —0·1 | 100·3 | 71·8 | 78 | —7 | .. | 21 | +0·5 | 13·59 | —4·80 | 2·45 |
| Panerihat | .. | .. | 76·5 | 75·5 | 88·3 | —0·4 | 71·5 | —3·7 | 95·2 | 69·3 | 96 | +1 | .. | 19 | +1·5 | 17·52 | —1·89 | 3·13 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 72·3 | 62·7 | 93·4 | +5·1 | 58·6 | —18·4 | 95·6 | 56·3 | 55 | —33 | .. | 17 | —0·7 | 25·20 | +12·88 | 4·90 |
| Goalundo | .. | .. | 83·9 | 80·9 | 88·9 | +0·6 | 78·0 | +0·7 | 92·3 | 74·0 | 87 | 0 | .. | 21 | +5·2 | 13·33 | +2·20 | 2·35 |
| Pabna | .. | .. | 83·3 | 80·0 | 90·8 | —0·9 | 75·9 | +0·2 | 93·5 | 73·5 | 86 | —1 | .. | 14 | —3·0 | 12·44 | —0·51 | 3·70 |
| Dam Dim | .. | .. | 77·1 | 76·3 | 90·0 | —1·3 | 74·5 | —0·4 | 95·8 | 72·0 | 96 | +1 | .. | 25 | +0·5 | 47·39 | +6·67 | 9·84 |
| Kalchini | .. | .. | 78·1 | 76·6 | 87·0 | —2·0 | 74·2 | —0·9 | 96·6 | 71·0 | 93 | +6 | .. | 27 | +4·9 | 58·88 | +23·26 | 9·75 |
| Nagrakata | .. | .. | 79·7 | 76·7 | 83·5(*a*) | —5·0 | 74·2 | —0·8 | 92·9 | 71·0 | 88 | —2 | .. | 25 | —0·2 | 36·33 | —3·26 | 6·65 |
| Raniganj (Asansol) | .. | .. | 82·8 | 78·6 | 91·6 | .. | 77·8 | .. | 99·9 | 74·1 | 83 | .. | .. | 17 | +0·7 | 12·52 | +0·24 | 3·14 |
| **North-West Frontier Province.** | | | | | | | | | | | | | | | | | | |
| Bannu* | .. | .. | 89·0 | 77·3 | 104·2 | .. | 81·6 | .. | 115·0 | 74·2 | 59 | .. | .. | .. | .. | .. | .. | .. |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | S 82° W | 1·2 | 77·6 | 72·7 | 87·1 | .. | 73·3 | .. | 95·9 | 71·0 | 80 | .. | 6·9 | 10 | —4·0 | 7·56 | —2·99 | 2·16 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 78·8 | 74·0 | 93·0 | .. | 75·3 | .. | 99·8 | 72·3 | 79 | .. | 8·7 | 7 | +1·6 | 2·58 | —0·05 | 0·74 |
| Guntur | .. | .. | 81·1 | 77·3 | 92·3 | .. | 77·4 | .. | 101·8 | 73·6 | 84 | .. | 5·8 | 14 | +3·7 | 6·92 | +1·25 | 1·42 |
| Koraput | .. | .. | 71·5 | 69·8 | 79·1 | .. | 69·1 | .. | 84·3 | 65·3 | 92 | .. | .. | 23 | .. | 17·54 | .. | 4·48 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 76° E | .. | 86·5 | 74·9 | 98·6 | .. | 81·6 | .. | 111·5 | 71·6 | 61 | .. | 5·2 | 11 | +0·3 | 9·80 | —2·45 | 1·88 |
| Kargil | S 85° W | .. | 68·5 | 54·0 | 86·3 | .. | 49·0 | .. | 95·8 | 41·4 | 38 | .. | 2·0 | 0 | —0·6 | 0·09 | —0·07 | 0·05 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 77·3 | 75·2 | 86·6 | —1·0 | 70·6 | —3·5 | 94·3 | 65·9 | 91 | +4 | .. | 23 | —1·2 | 40·16 | +6·96 | 5·30 |
| Kurseong | .. | .. | 69·3 | 68·4 | 75·3 | +1·8 | 64·5 | —0·5 | 78·5 | 62·9 | 95 | +2 | .. | 27 | —0·8 | 50·63 | +6·82 | 6·92 |
| Poo | S 42° W | .. | .. | .. | 81·7 | +4·4 | 60·3 | +2·4 | 88·8 | 55·3 | .. | .. | 4·7 | 3 | +0·9 | 0·82 | +0·17 | 0·30 |
| Pishin | .. | .. | .. | .. | 96·6 | —1·6 | 62·2 | —1·1 | 101·6 | 50·9 | .. | .. | 1·9 | 0 | —0·5 | 0 | —0·11 | 0 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chumbi | .. | .. | 57·7 | 56·6 | 67·4 | .. | 51·0 | .. | 69·0 | 49·2 | 94 | .. | 4·3 | 12 | —5·5 | 3·79 | —1·86 | 0·88 |
| Abadan | N 45° W(*b*) | .. | 97·7 | 77·4 | 115·3 | .. | 86·3 | .. | 121·0 | 81·0 | 43 | .. | .. | 0 | .. | 0 | .. | 0 |

(*a*) Mean of 27 days.
(*b*) 3 winds variable.
* Mean of 30 days.

# TABLE C.—AUGUST 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 80·1 | 77·9 | 91·3 | +1·9 | 67·1 | —7·0 | 97·1 | 63·7 | 90 | —4 | .. | 16 | —3·5 | 13·96 | —6·30 | 2·65 |
| Borjuli | .. | .. | 81·3 | 78·4 | 98·6 | +8·4 | 76·1 | +0·7 | 99·6 | 73·8 | 87 | —4 | .. | 22 | +4·4 | 14·51 | —0·61 | 2·66 |
| Chandkhira | .. | .. | 78·4 | 73·5 | 94·3 | +4·7 | 70·3 | —5·1 | 109·7 | 70·2 | 80 | —11 | .. | 24 | +2·8 | 8·56 | —4·55 | 0·96 |
| Doom Dooma | .. | .. | 79·4 | 78·0 | 90·7 | +1·2 | 76·3 | +1·2 | 98·3 | 73·2 | 94 | 0 | .. | 17 | —1·1 | 15·10 | —2·66 | 2·77 |
| Dikon | .. | .. | 79·3 | 77·5 | 89·8 | +1·2 | 76·2 | +0·3 | 97·8 | 73·8 | 92 | —1 | .. | 21 | +0·9 | 21·16 | +1·89 | 3·20 |
| Golaghat | .. | .. | 79·6 | 78·7 | 88·8 | +0·8 | 73·4 | .. | 96·7 | 70·2 | 96 | +5 | .. | 20 | +3·6 | 9·41 | —2·94 | 2·94 |
| Hailakandi | .. | .. | 81·2 | 78·4 | 90·8 | +1·7 | 77·5 | +1·6 | 96·2 | 76·2 | 87 | —4 | .. | 20 | —2·8 | 10·54 | —6·15 | 1·15 |
| Jorchat | .. | .. | 79·6 | 77·8 | 88·5 | —0·7 | 73·9 | —2·4 | 95·5 | 71·3 | 92 | +2 | .. | 19 | +0·5 | 15·11 | —0·47 | 3·50 |
| Lumding | .. | .. | 80·3 | 77·7 | 91·1 | .. | 76·8 | .. | 96·9 | 73·5 | 89 | .. | .. | 13 | +2·4 | 8·01 | +0·69 | 1·95 |
| Messa | .. | .. | 84·6 | 79·6 | 92·5 | —0·5 | 75·6 | +0·1 | 96·9 | 73·6 | 80 | —7 | .. | 22 | +2·9 | 23·76 | +6·18 | 3·52 |
| Panerihat | .. | .. | 76·8 | 75·9 | 89·4 | +1·1 | 71·7 | —3·0 | 95·6 | 69·8 | 96 | +1 | .. | 16 | +1·7 | 10·23 | —1·02 | 1·20 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 72·6 | 63·1 | 93·0 | +4·9 | 58·5 | —18·8 | 95·6 | 56·3 | 56 | —31 | .. | 15 | —2·3 | 11·07 | —1·53 | 2·95 |
| Goalundo | .. | .. | 83·4 | 80·4 | 87·1 | —0·6 | 78·8 | +1·0 | 91·5 | 75·0 | 87 | +1 | .. | 16 | 0 | 10·48 | —0·50 | 2·95 |
| Pabna | .. | .. | 83·1 | 80·1 | 89·3 | —2·7 | 75·9 | 0 | 93·9 | 74·5 | 87 | 0 | .. | 20 | +4·7 | 11·71 | +2·97 | 3·24 |
| Dam Dim | .. | .. | 78·6 | 77·9 | 90·9 | —0·2 | 75·5 | +0·9 | 95·6 | 73·5 | 97 | +2 | .. | 22 | —0·4 | 24·88 | —7·30 | 3·90 |
| Kalchini | .. | .. | 81·5 | 78·6 | 89·6 | +0·9 | 75·7 | +1·0 | 94·1 | 74·0 | 87 | 0 | .. | 22 | +0·4 | 18·91 | —14·93 | 4·38 |
| Nagrakata | .. | .. | 82·7 | 78·7 | 87·1(a) | —1·3 | 75·5 | +0·9 | 90·1 | 74·0 | 83 | —6 | .. | 22 | —0·6 | 17·20 | —15·79 | 2·14 |
| Raniganj (Asansol) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **North-West Frontier Province.** | | | | | | | | | | | | | | | | | | |
| Bannu | .. | .. | 84·4 | 77·2 | 98·0 | .. | 79·0 | .. | 104·2 | 70·4 | 71 | .. | .. | .. | .. | .. | .. | .. |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | N 56° W | 0·4 | 74·1 | 71·0 | 81·7 | .. | 71·1 | .. | 87·2 | 69·1 | 86 | .. | 8·3 | 8 | —4·6 | 7·05 | —3·12 | 2·11 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 79·1 | 72·3 | 93·3 | .. | 74·8 | .. | 97·0 | 72·1 | 71 | .. | 6·3 | 3 | —2·0 | 1·97 | —1·21 | 1·18 |
| Guntur | .. | .. | 81·9 | 76·1 | 94·0 | .. | 77·5 | .. | 100·0 | 73·2 | 76 | .. | 5·2 | 9 | —0·8 | 5·20 | —0·37 | 1·16 |
| Koraput | .. | .. | 70·8 | 69·3 | 77·5 | .. | 68·3 | .. | 84·1 | 66·4 | 93 | .. | .. | 21 | .. | 11·46 | .. | 2·06 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 45° E | .. | 82·5 | 77·7 | 91·5 | .. | 78·5 | .. | 96·1 | 72·6 | 81 | .. | 6·4 | 10 | —1·0 | 7·45 | —3·90 | 2·18 |
| Kargil | .. | .. | 69·9 | 58·5 | 87·3 | .. | 52·4 | .. | 94·8 | 47·5 | 51 | .. | 3·7 | 0 | —0·7 | 0·30 | +0·15 | 0·07 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 78·2 | 76·2 | 90·1 | +2·9 | 71·6 | —2·2 | 92·3 | 68·7 | 91 | +3 | .. | 25 | +1·9 | 21·04 | —10·17 | 3·80 |
| Kurseong | .. | .. | 67·5 | 66·7 | 71·1 | —1·9 | 62·2 | —2·5 | 78·0 | 59·6 | 95 | +2 | .. | 29 | +2·8 | 38·15 | +1·57 | 4·71 |
| Poo | S 1° W | .. | .. | .. | 81·7 | +4·1 | 61·6 | +3·6 | 85·2 | 54·2 | .. | .. | 5·5 | 2 | +0·5 | 0·54 | —0·07 | 0·29 |
| Pishin | .. | .. | .. | .. | 91·3 | —5·1 | 55·9 | —3·8 | 97·2 | 42·9 | .. | .. | 1·8 | 1 | +0·8 | 0·76 | +0·63 | 0·67 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chumbi | .. | .. | 58·6 | 57·8 | 66·4 | .. | 48·9 | .. | 68·4 | 45·1 | 96 | .. | 4·4 | 17 | —1·3 | 4·57 | —1·32 | 0·48 |
| Abadan | N(b) | .. | 96·6 | 73·3 | 113·2 | .. | 82·2 | .. | 119·0 | 76·0 | 35 | .. | .. | 0 | .. | 0 | .. | 0 |

(a) Mean of 24 days.
(b) 1 wind variable.

# TABLE C.—SEPTEMBER 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 79·3 | 77·5 | 90·6 | +0·9 | 65·7 | —7·6 | 98·1 | 60·9 | 92 | —3 | .. | 12 | —3·3 | 9·38 | —1·46 | 3·00 |
| Borjuli | .. | .. | 81·3 | 78·3 | 97·6 | +7·4 | 74·5 | —0·6 | 99·4 | 71·6 | 87 | —4 | .. | 16 | +2·5 | 12·38 | +1·93 | 3·43 |
| Chandkhira | .. | .. | 76·1 | 72·5 | 94·6 | +4·3 | 68·3 | —6·7 | 100·0 | 60·7 | 85 | —5 | .. | 15 | —1·3 | 14·15 | +4·48 | 2·82 |
| Doom Dooma | .. | .. | 78·2 | 77·1 | 89·4 | —0·2 | 74·4 | +0·1 | 99·5 | 70·4 | 95 | +3 | .. | 17 | +1·8 | 13·32 | +2·55 | 2·66 |
| Dikom | .. | .. | 77·5 | 75·7 | 88·2 | —0·8 | 74·3 | —0·9 | 97·6 | 69·0 | 92 | +1 | .. | 17 | +1·8 | 14·45 | +3·04 | 3·40 |
| Golaghat | .. | .. | 79·6 | 78·4(a) | 87·6 | +0·1 | 72·2 | .. | 95·1 | 68·2 | 94(a) | +3 | .. | 15 | +2·5 | 7·50 | +0·01 | 1·48 |
| Hailakandi | .. | .. | 79·6 | 77·5 | 92·5 | +2·4 | 75·9 | +0·1 | 97·2 | 72·2 | 91 | 0 | .. | 19 | +3·9 | 20·06 | +8·19 | 4·78 |
| Jorehat | .. | .. | 79·4 | 77·0 | 88·0 | —1·5 | 77·3 | +1·3 | 95·9 | 71·7 | 89 | —1 | .. | 14 | +0·5 | 13·53 | +3·65 | 3·40 |
| Lumding | .. | .. | 79·2 | 77·0 | 89·6 | .. | 74·7 | .. | 96·9 | 71·0 | 91 | .. | .. | 13 | +3·2 | 7·81 | +1·44 | 1·46 |
| Messa | .. | .. | 84·6 | 79·5 | 94·1 | +0·7 | 74·2 | —0·5 | 98·5 | 70·7 | 79 | —7 | .. | 12 | —1·5 | 11·31 | +2·27 | 3·07 |
| Pancrihat | .. | .. | 74·9 | 74·2 | 89·4 | +0·6 | 69·4 | —4·3 | 95·4 | 65·5 | 97 | +2 | .. | 11 | —0·9 | 13·12 | +4·12 | 2·70 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 71·9 | 62·2 | 92·5 | +3·1 | 57·5 | —20·2 | 93·6 | 56·1 | 55 | —31 | .. | 15 | +2·3 | 13·00 | +3·62 | 4·04 |
| Goalundo | .. | .. | 83·6 | 80·1 | 88·9 | —0·4 | 78·3 | +0·7 | 93·5 | 74·2 | 85 | +1 | .. | 11 | —0·3 | 4·80 | —3·28 | 0·81 |
| Pabna | .. | .. | 83·4 | 79·3 | 90·3 | —3·5 | 75·1 | —1·2 | 92·6 | 73·1 | 83 | —1 | .. | 10 | —0·8 | 3·72 | —4·09 | 0·77 |
| Dam Dim | .. | .. | 76·2 | 75·3 | 89·4 | —2·4 | 72·9 | —0·9 | 95·1 | 68·1 | 96 | +2 | .. | 20 | +2·0 | 21·40 | —0·63 | 5·10 |
| Kalchini | .. | .. | 78·8 | 76·2 | 89·5 | 0 | 73·0 | —0·8 | 97·1 | 68·5 | 88 | +2 | .. | 19 | +3·5 | 20·59 | +1·07 | 5·56 |
| Nagrakata | .. | .. | 80·9 | 76·8 | 86·1(b) | —4·0 | 73·0 | —0·8 | 93·1 | 69·5 | 83 | —3 | .. | 17 | —0·9 | 15·88 | —6·28 | 2·82 |
| Raniganj (Asansol) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **North-West Frontier Province.** | | | | | | | | | | | | | | | | | | |
| Bannu | .. | .. | 81·2 | 73·7 | 97·5 | .. | 75·9 | .. | 102·7 | 65·8 | 68 | .. | .. | .. | .. | .. | .. | .. |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | N 27° W | 0·5 | 74·6 | 70·5 | 82·5 | .. | 69·8 | .. | 87·6 | 64·8 | 81 | .. | 5·8 | 11 | +1·7 | 10·33 | +3·07 | 3·70 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 77·5 | 71·3 | 92·0 | .. | 73·9 | .. | 97·3 | 71·1 | 73 | .. | 7·2 | 4 | —4·8 | 3·10 | —5·19 | 1·33 |
| Guntur | .. | .. | 80·7 | 75·6 | 90·6 | .. | 76·1 | .. | 97·0 | 72·8 | 79 | .. | 5·0 | 12 | +1·5 | 8·16 | +2·26 | 2·65 |
| Koraput | .. | .. | 71·0 | 69·1 | 78·4 | .. | 67·2 | .. | 83·4 | 59·1 | 91 | .. | .. | 16 | .. | 13·37 | .. | 2·40 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 28° E | .. | 80·6 | 73·6 | 91·4 | .. | 75·2 | .. | 95·7 | 65·3 | 71 | .. | 3·8 | 3 | —0·2 | 2·62 | +0·19 | 1·22 |
| Kargil | N 67° W | .. | 64·4 | 50·3 | 79·5 | .. | 45·5 | .. | 89·3 | 38·0 | 36 | .. | 2·8 | 0 | —0·6 | 0·05 | —0·10 | 0·03 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 75·9 | 73·7 | 93·0 | +5·1 | 69·3 | —3·6 | 95·1 | 66·1 | 90 | +7 | .. | 20 | +1·7 | 20·98 | —0·53 | 3·80 |
| Kurseong | .. | .. | 66·4 | 65·5 | 72·5 | —1·2 | 63·2 | —2·0 | 78·3 | 58·9 | 95 | +6 | .. | 23 | +3·7 | 19·66 | —0·97 | 3·17 |
| Poo | S 7° E | .. | .. | .. | 77·1 | +3·4 | 54·6 | +2·7 | 84·5 | 43·5 | .. | .. | 4·2 | 2 | +0·4 | 0·39 | —0·17 | 0·17 |
| Pishin | .. | .. | .. | .. | 88·7 | 0 | 47·1 | —0·3 | 93·4 | 38·1 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chumbi | .. | .. | 49·4 | 48·6 | 57·9 | .. | 41·1 | .. | 63·0 | 39·2 | 95 | .. | 3·6 | 4 | —6·0 | 1·33 | —1·61 | ·34 |
| Abadan | N 5° W | .. | 88·7 | 69·0 | 110·4 | .. | 76·2 | .. | 118·5 | 68·0 | 33 | .. | .. | 0 | .. | 0 | .. | 0 |

(a) Mean of 29 days.
(b) Mean of 27 days.

# TABLE C.—OCTOBER 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. Resultant direction. | Wind. Mean velocity, miles per hour. | Temperature. Mean of 8 hrs. dry bulb. | Temperature. Mean of 8 hrs. wet bulb. | Temperature. Mean maximum. | Temperature. Departure from normal. | Temperature. Mean minimum. | Temperature. Departure from normal. | Temperature. Highest temperature observed during month. | Temperature. Lowest temperature observed during month. | Humidity. Mean humidity at 8 hrs. | Humidity. Departure from normal. | Mean cloud amount at 8 hrs. | Rainfall. Number of rainy days. | Rainfall. Departure from normal. | Rainfall. Rainfall of month. | Rainfall. Departure from normal. | Rainfall. Heaviest rainfall during month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 72·3 | 70·5 | 85·3 | —2·0 | 56·7 | —8·9 | 92·1 | 48·9 | 91 | 0 | .. | 7 | —0·8 | 6·27 | +0·64 | 1·39 |
| Borjuli | .. | .. | 75·5 | 72·2 | 92·7 | +4·3 | 66·5 | —2·6 | 96·0 | 57·6 | 84 | —1 | .. | 8 | +0·5 | 5·09 | +0·44 | 2·15 |
| Chandkhira | .. | .. | 69·7 | 68·7 | 86·5 | —0·7 | 59·3 | —10·6 | 99·7 | 50·7 | 96 | +4 | .. | 11 | +2·8 | 7·16 | +0·43 | 2·83 |
| Doom Dooma | .. | .. | 70·5 | 68·5 | 83·1 | —0·4 | 66·2 | —1·3 | 93·3 | 61·2 | 90 | —3 | .. | 13 | +5·7 | 8·58 | +3·94 | 2·42 |
| Dikom | .. | .. | 70·3 | 68·7 | 82·6 | —3·4 | 66·5 | —1·1 | 91·0 | 59·6 | 92 | +4 | .. | 14 | +5·8 | 8·17 | +2·59 | 1·85 |
| Golaghat | .. | .. | 72·7 | 71·8 | 81·1 | —2·8 | 64·8 | .. | 86·1 | 57·2 | 95 | +5 | .. | 9 | +2·3 | 4·40 | +1·00 | 1·15 |
| Hailakandi | .. | .. | 73·9 | 72·2 | 84·9 | —3·1 | 70·6 | —0·7 | 90·8 | 63·2 | 91 | —2 | .. | 11 | +2·8 | 4·98 | —3·17 | 1·45 |
| Jorehat | .. | .. | 71·3 | 70·3 | 81·8 | —4·9 | 68·4 | —1·6 | 90·9 | 57·9 | 95 | +5 | .. | 12 | +5·3 | 5·68 | +1·08 | 1·12 |
| Lumding | .. | .. | 73·2 | 71·2 | 83·4 | .. | 67·9 | .. | 88·4 | 60·0 | 90 | .. | .. | 5 | —1·1 | 2·00 | —2·75 | 0·56 |
| Messa | .. | .. | 78·2 | 72·8 | 87·4 | —3·6 | 66·3 | —1·1 | 92·8 | 58·0 | 76 | —5 | .. | 10 | +2·8 | 4·32 | —0·72 | 1·05 |
| Pancrihat | .. | .. | 66·7 | 65·9 | 84·4 | —2·2 | 60·6 | —5·9 | 90·4 | 53·2 | 96 | +3 | .. | 9 | +2·7 | 4·01 | —0·07 | 1·18 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 71·5 | 61·6 | 91·9 | +4·0 | 57·5 | —16·0 | 93·6 | 56·1 | 54 | —31 | .. | 6 | —1·2 | 8·54 | +1·85 | 3·44 |
| Goalundo | .. | .. | 79·9 | 75·8 | 87·4 | —1·4 | 72·7 | +0·2 | 91·5 | 64·0 | 82 | +2 | .. | 4 | —2·1 | 3·04 | —1·80 | 2·08 |
| Pabna | .. | .. | 79·2 | 74·9 | 88·9 | —3·4 | 70·8 | —0·6 | 93·0 | 63·2 | 81 | +2 | .. | 3 | —1·8 | 2·46 | —1·96 | 1·46 |
| Dam Dim | .. | .. | 69·1 | 68·1 | 86·2 | —4·5 | 63·7 | —1·8 | 91·2 | 53·3 | 95 | +5 | .. | 9 | +3·0 | 8·78 | +3·65 | 2·43 |
| Kalchini | .. | .. | 73·8 | 70·2 | 85·7 | —2·6 | 65·5 | —0·8 | 90·1 | 56·5 | 82 | +1 | .. | 10 | +3·3 | 7·59 | +1·44 | 2·85 |
| Nagrakata | .. | .. | 76·9 | 70·8 | 82·4(a) | —6·1 | 65·5 | —1·9 | 87·6 | 59·0 | 73 | —7 | .. | 14 | +6·1 | 7·04 | —0·48 | 1·85 |
| Raniganj (Asansol) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **North-West Frontier Province.** | | | | | | | | | | | | | | | | | | |
| Bannu | .. | .. | 69·7 | 61·8 | 87·9 | .. | 61·0 | .. | 96·5 | 51·6 | 62 | .. | .. | .. | .. | .. | .. | .. |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | N 45° E | 0·7 | 73·5(b) | 63·8(b) | 89·0(c) | .. | 59·9(b) | .. | 90·9 | 47·0 | 57(b) | .. | 0·9 | 0 | —2·4 | 0 | —1·44 | 0 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 76·8 | 71·6 | 89·4 | .. | 71·3 | .. | 96·5 | 64·1 | 77 | .. | 4·8 | 9 | +4·0 | 13·65 | +10·70 | 5·30 |
| Guntur | .. | .. | 78·9 | 75·5 | 89·4 | .. | 74·1 | .. | 94·0 | 69·5 | 85 | .. | 1·9 | 6 | —1·0 | 4·28 | —0·67 | 1·16 |
| Koraput | .. | .. | 69·3 | 65·6 | 80·2 | .. | 62·5 | .. | 84·2 | 56·8 | 82 | .. | .. | 6 | .. | 2·11 | .. | 0·60 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 23° E | .. | 70·9 | 61·5 | 85·3 | .. | 65·5 | .. | 92·3 | 57·3 | 57 | .. | 1·9 | 1 | —1·0 | 2·22 | +1·53 | 2·21 |
| Kargil | N 83° W | .. | 43·1 | 36·2 | 60·5 | .. | 26·0 | .. | 75·7 | 15·2 | 55 | .. | 2·3 | 2 | +1·9 | 0·62 | +0·55 | 0·32 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 69·7 | 66·8 | 90·0 | +3·6 | 63·2 | —4·2 | 91·1 | 59·3 | 86 | +18 | .. | 8 | +1·2 | 4·41 | —2·79 | 1·75 |
| Kurseong | .. | .. | 61·7 | 60·8 | 67·1 | —3·7 | 56·5 | —3·0 | 69·9 | 54·1 | 95 | +16 | .. | 6 | —0·8 | 1·70 | —5·26 | 0·64 |
| Poo | S 63° E | .. | .. | .. | 64·2(b) | —1·4 | 39·5 | —2·1 | 76·3 | 32·0 | .. | .. | 1·4 | 1 | +0·3 | 0·25 | —0·09 | 0·25 |
| Pishin | .. | .. | .. | .. | 76·9 | —0·1 | 36·7 | —0·5 | 87·4 | 25·0 | .. | .. | 0·7 | 1 | +0·5 | 0·22 | +0·01 | 0·21 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chumbi | .. | .. | 41·8 | 40·8 | 56·4 | .. | 35·4 | .. | 59·0 | 31·0 | 93 | .. | 3·2 | 0 | —3·5 | 0 | —1·65 | 0 |
| Abadan | N 27° W | .. | 76·7 | 64·0 | 95·2 | .. | 66·2 | .. | 104·0 | 57·0 | 52 | .. | .. | 0 | .. | 0 | .. | 0 |

(a) Mean of 30 days.
(b) Mean of 29 days.
(c) Mean of 19 days.

# TABLE C.—NOVEMBER 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 64·8 | 62·5 | 80·8 | —0·8 | 46·7 | —7·6 | 85·9 | 40·9 | 88 | —1 | .. | 2 | +0·5 | 0·35 | —0·20 | 0·25 |
| Borjuli | .. | .. | 70·5 | 66·3 | 90·6 | +6·7 | 56·9 | —1·4 | 96·2 | 52·6 | 79 | —2 | .. | 1 | —0·8 | 0·22 | —0·62 | 0·15 |
| Chandkhira | .. | .. | 62·0 | 61·7 | 83·1 | —1·1 | 52·5 | —7·3 | 90·1 | 50·1 | 98 | +3 | .. | 0 | —1·1 | 0 | —1·06 | 0 |
| Doom Dooma | .. | .. | 63·1 | 61·4 | 81·3 | +3·2 | 58·0 | +1·7 | 86·7 | 51·7 | 91 | —2 | .. | 1 | —0·3 | 0·26 | —0·39 | 0·26 |
| Dikom | .. | .. | 62·9 | 60·8 | 81·0 | —0·1 | 57·0 | +1·2 | 85·4 | 51·2 | 88 | —1 | .. | 2 | +0·6 | 0·57 | —0·08 | 0·29 |
| Golaghat | .. | .. | 65·7 | 64·7 | 78·1 | +0·2 | 55·2 | .. | 80·9 | 48·4 | 95 | +4 | .. | 0 | —1·3 | 0 | —0·61 | 0 |
| Hailakandi | .. | .. | 66·1 | 64·9 | 85·1 | +0·1 | 63·0 | +1·3 | 89·6 | 57·5 | 94 | +1 | .. | 1 | —0·5 | 0·10 | —0·94 | 0·10 |
| Jorehat | .. | .. | 63·9 | 62·8 | 80·6 | —0·9 | 61·5(a) | +1·8 | 86·9 | 53·3 | 94 | 0 | .. | 0 | —1·5 | 0·12 | —0·52 | 0·09 |
| Lumding | .. | .. | 64·3 | 63·1 | 80·7 | .. | 57·7 | .. | 82·9 | 52·0 | 94 | .. | .. | 1 | —0·5 | 0·43 | —0·81 | 0·43 |
| Messa | .. | .. | 73·3 | 66·6 | 84·6 | —2·8 | 57·0 | +1·0 | 87·9 | 52·6 | 69 | —11 | .. | 1 | 0 | 0·80 | +0·45 | 0·73 |
| Pancrihat | .. | .. | 58·9 | 57·8 | 81·9 | +0·1 | 51·6 | —5·0 | 85·2 | 47·2 | 93 | 0 | .. | 1 | —0·2 | 0·42 | —0·05 | 0·42 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 71·5 | 61·4 | 91·7 | +6·5 | 57·3 | —6·2 | 93·6 | 56·1 | 53 | —27 | .. | 0 | —1·0 | 0 | —0·74 | 0 |
| Goalundo | .. | .. | 71·4 | 67·7 | 83·4 | —1·4 | 60·5 | —1·3 | 86·7 | 55·0 | 82 | +3 | .. | 0 | —0·5 | 0 | —0·71 | 0 |
| Pabna | .. | .. | 69·8 | 65·5 | 85·5 | —2·6 | 61·4 | —0·4 | 88·9 | 56·1 | 79 | +1 | .. | 0 | —0·8 | 0 | —0·61 | 0 |
| Dam Dim | .. | .. | 60·3 | 59·1 | 83·6 | —3·5 | 54·1 | +0·6 | 89·1 | 49·8 | 93 | 0 | .. | 1 | —0·2 | 0·21 | —0·73 | 0·21 |
| Kalchini | .. | .. | 67·7 | 63·5 | 83·4 | —0·6 | 55·7 | —0·6 | 88·6 | 53·0 | 78 | +3 | .. | 1 | —0·8 | 0·15 | —0·65 | 0·15 |
| Nagrakata | .. | .. | 73·7 | 65·5 | 79·4 | —5·0 | 58·9 | —0·4 | 84·1 | 56·0 | 63 | —10 | .. | 0 | —1·9 | 0·08 | —0·99 | 0·08 |
| Raniganj (Asansol) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. |
| **North-West Frontier Province.** | | | | | | | | | | | | | | | | | | |
| Bannu | .. | .. | 62·1 | 54·2 | 81·0 | .. | 50·7 | .. | 85·9 | 44·8 | 57 | .. | .. | .. | .. | .. | .. | .. |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | Calm | 0·8 | 61·4 | 53·1 | .. | .. | 48·4 | .. | .. | 45·3 | 55 | .. | 1·0 | 0 | —1·9 | 0 | —1·32 | 0 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 71·8 | 66·9 | 85·1 | .. | 64·2 | .. | 89·3 | 58·6 | 77 | .. | 1·7 | 4 | +0·2 | 3·00 | +0·81 | 1·30 |
| Guntur | .. | .. | 72·0 | 67·9 | 86·8 | .. | 65·9 | .. | 89·0 | 60·5 | 80 | .. | 0·9 | 5 | +1·5 | 1·74 | —0·54 | 0·68 |
| Koraput | | .. | 59·2 | 56·2 | 76·2 | .. | 49·7 | .. | 80·8 | 44·8 | 83 | .. | .. | 2 | .. | 4·02 | .. | 2·45 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 28° E | .. | 60·4 | 52·3 | 78·7 | .. | 56·7 | .. | 82·3 | 52·4 | 56 | .. | 1·6 | 0 | —1·2 | 0 | —0·45 | 0 |
| Kargil | N 72° W | .. | 33·1 | ? | 49·9 | .. | 14·9 | .. | 55·1 | 9·5 | ? | .. | 3·0 | 0 | —0·4 | 0 | —0·11 | 0 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 65·9 | 59·9 | 88·4 | +6·1 | 59·2 | —1·5 | 89·7 | 52·7 | 69 | +8 | .. | 2 | +0·5 | 0·48 | —0·23 | 0·30 |
| Kurseong | .. | .. | 62·3 | 61·4 | 68·6 | +2·7 | 57·2 | +3·9 | 72·1 | 51·6 | 95 | +17 | .. | 0 | —1·3 | 0 | —0·93 | 0 |
| Poo | N 14° E | .. | .. | .. | 59·9 | +1·8 | 34·1 | —0·4 | 64·6 | 31·5 | .. | .. | 2·0 | 0 | —0·8 | 0 | —0·28 | 0 |
| Pishin | .. | .. | .. | .. | 67·2 | —1·7 | 29·7 | —1·9 | 74·3 | 21·5 | .. | .. | 1·8 | 1 | +0·1 | 0·32 | +0·08 | 0·18 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chumbi | .. | .. | 33·2 | 34·3(b) | 50·1 | .. | 28·6 | .. | 52·0 | 25·2 | 90(b) | .. | 2·9 | 0 | —0·5 | 0 | —0·15 | 0 |
| Abadan | N 37° W | .. | 64·8 | 57·7 | 77·2 | .. | 57·3 | .. | 93·0 | 50·0 | 67 | .. | .. | 4 | .. | 5·23 | .. | 2·71 |

(a) Mean of 29 days.
(b) Mean of 15 days.

# TABLE C.—DECEMBER 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Resultant direction. | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during month. | Lowest temperature observed during month. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Assam.** | | | | | | | | | | | | | | | | | | |
| Bishnath | .. | .. | 57·8 | 56·4 | 75·3 | +2·5 | 39·1 | —5·8 | 80·9 | 34·3 | 89 | —3 | .. | 0 | —1·5 | 0·06 | —0·41 | 0·06 |
| Borjuli | .. | .. | 61·9 | 58·2 | 83·9 | +5·9 | 48·4 | +3·4 | 91·0 | 41·6 | 75 | —11 | .. | 1 | +0·3 | 0·31 | +0·08 | 0·31 |
| Chandkhira | .. | .. | 53·7 | 53·3 | 79·3 | —1·0 | 43·5 | —6·8 | 80·2 | 40·4 | 98 | +2 | .. | 0 | —1·0 | 0 | —0·46 | 0 |
| Doom Dooma | .. | .. | 54·7 | 54·2 | 75·0 | +6·2 | 51·6 | +4·1 | 81·3 | 47·2 | 97 | +2 | .. | 4 | +2·3 | 1·60 | +1·07 | 0·90 |
| Dikom | .. | .. | 55·4 | 53·9 | 74·7 | —0·2 | 49·2 | +3·3 | 80·2 | 45·0 | 90 | —3 | .. | 2 | +0·5 | 0·65 | +0·28 | 0·65 |
| Golaghat | .. | .. | 58·0 | 57·3 | 71·1 | 0 | 46·7 | .. | 76·9 | 43·2 | 96 | +5 | .. | 3 | +1·8 | 1·33 | +0·79 | 0·90 |
| Hailakandi | .. | .. | 57·3 | 56·9 | 79·1 | —0·5 | 55·2 | +2·6 | 82·4 | 52·4 | 98 | +6 | .. | 0 | —1·4 | 0 | —0·52 | 0 |
| Jorehat | .. | .. | 56·1 | 55·6 | 73·6 | —1·1 | 52·4 | +2·6 | 77·9 | 45·3 | 97 | +2 | .. | 4 | +2·4 | 1·49 | +0·83 | 0·63 |
| Lumding | .. | .. | 55·8 | 54·9 | 76·0 | .. | 50·4 | .. | 79·4 | 46·0 | 95 | .. | .. | 0 | —0·8 | 0 | —0·30 | 0 |
| Mesa | .. | .. | 64·3 | 59·0 | 79·1 | —2·4 | 49·0 | +3·5 | 83·5 | 43·3 | 71 | —7 | .. | 1 | —0·5 | 0·41 | —0·13 | 0·41 |
| Panerihat | .. | .. | 54·2 | 53·1 | 73·6 | —2·6 | 47·2 | —0·9 | 81·3 | 40·5 | 93 | +1 | .. | 3 | +1·5 | 0·97 | +0·54 | 0·40 |
| **Bengal.** | | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | .. | 68·0 | 57·3 | 88·9 | +8·9 | 53·1 | —1·0 | 90·6 | 50·9 | 48 | —36 | .. | 0 | —1·0 | 0 | —0·44 | 0 |
| Goalundo | .. | .. | 62·3 | 59·7 | 78·8 | +1·2 | 51·7 | +0·2 | 82·1 | 46·0 | 85 | +2 | .. | 0 | —0·5 | 0 | —0·33 | 0 |
| Pabna | .. | .. | 61·9 | 58·5 | 81·3 | +0·4 | 55·2(a) | +2·1 | 84·2 | 48·1 | 81 | +1 | .. | 0 | —0·6 | 0 | —0·27 | 0 |
| Dam Dim | .. | .. | 55·8 | 55·1 | 79·8 | —4·8 | 49·3 | +5·9 | 82·8 | 43·8 | 95 | 0 | .. | 1 | +0·4 | 0·41 | +0·20 | 0·41 |
| Kalgachi | .. | .. | 59·7 | 57·6 | 77·7 | —0·2 | 50·8 | +3·6 | 81·1 | 45·5 | 86 | +13 | .. | 2 | +1·2 | 3·40 | +3·02 | 2·81 |
| Nagrakata | .. | .. | 68·7 | 62·1 | 74·2(b) | —3·9 | 55·0 | +2·8 | 77·4 | 51·0 | 68 | —5 | .. | 2 | +1·0 | 0·63 | +0·26 | 0·31 |
| Raniganj (Asansol) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **North-West Frontier Province.** | | | | | | | | | | | | | | | | | | |
| Bannu | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **Central Provinces.** | | | | | | | | | | | | | | | | | | |
| Chhindwara | Calm | 0·4 | 57·4 | 52·2 | 81·8 | .. | 50·1 | .. | 85·3 | 43·7 | 69 | .. | 1·3 | 0 | —1·4 | 0 | —0·62 | 0 |
| **Madras.** | | | | | | | | | | | | | | | | | | |
| Anantapur | .. | .. | 69·6 | 64·4 | 84·5 | .. | 61·5 | .. | 87·5 | 54·2 | 75 | .. | 3·3 | 0 | —0·2 | 0 | —0·27 | 0 |
| Guntur | .. | .. | 70·6 | 66·6 | 87·0 | .. | 63·7 | .. | 88·5 | 60·2 | 81 | .. | 0 | 0 | 0 | 0 | 0 | 0 |
| Koraput | .. | .. | 55·8 | 52·9 | 78·1 | .. | 47·2 | .. | 82·2 | 44·3 | 82 | .. | .. | 0 | .. | 0 | .. | 0 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | |
| Jammu | N 27° E | .. | 55·6 | 50·8 | 68·1 | .. | 52·6 | .. | 78·1 | 46·3 | 72 | .. | 6·5 | 4 | +1·7 | 1·89 | +1·22 | 1·30 |
| Kargil | Calm | .. | 22·8 | .. | 34·7 | .. | 7·6 | .. | 47·5 | —10·0 | .. | .. | 7·0 | 5 | +3·0 | 2·24 | +1·45 | 0·95 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | | |
| Panighatta | .. | .. | 61·2 | 56·1 | 75·3 | —1·3 | 55·9 | +1·7 | 78·5 | 52·1 | 71 | +12 | .. | 1 | —0·1 | 0·25 | —0·22 | 0·25 |
| Kurseong | .. | .. | 58·5 | 52·6 | 60·1 | —0·4 | 47·7 | +0·1 | 62·8 | 44·6 | 94 | +21 | .. | 2 | +0·7 | 0·21 | —0·35 | 0·11 |
| Poo | N 21° W | .. | .. | .. | 45·4 | —1·0 | 28·4 | +1·7 | 62·1 | 22·1 | .. | .. | 6·4 | 9 | +6·6 | 1·97 | +1·20 | 0·43 |
| Pishin | .. | .. | .. | .. | 54·7 | —2·3 | 26·4 | —0·7 | 68·3 | 18·8 | .. | .. | 4·5 | 8 | +5·1 | 3·54 | +2·29 | 0·88 |
| **Extra India.** | | | | | | | | | | | | | | | | | | |
| Chaubi | .. | .. | 28·8 | .. | 42·6 | .. | 18·5 | .. | 47·9 | 16·3 | .. | .. | 2·8 | 0 | —0·6 | 0 | —0·11 | 0 |
| Abada | N 3° W | .. | 54·6 | 51·1 | 61·7 | .. | 50·0 | .. | 71·0 | 38·0 | 79 | .. | .. | 2 | .. | 0·42 | .. | 0·22 |

(a) Mean of 11 days.
(b) Mean of 18 days.

# ANNUAL TABLE C. FOR 1921.

*Abstract of 8 hrs. observations.*

| Station. | Wind. | Temperature. | | | | | | | | Humidity. | | Mean cloud amount at 8 hrs. | Rainfall. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean velocity, miles per hour. | Mean of 8 hrs. dry bulb. | Mean of 8 hrs. wet bulb. | Mean maximum. | Departure from normal. | Mean minimum. | Departure from normal. | Highest temperature observed during year. | Lowest temperature observed during year. | Mean humidity at 8 hrs. | Departure from normal. | | Number of rainy days. | Departure from normal. | Rainfall of year. | Departure from normal. | Heaviest rainfall during year. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| **Assam.** | | | | | | | | | | | | | | | | | |
| Bishnath | .. | 70·2 | 67·7 | 84·3 | +0·9 | 55·0 | —6·2 | 98·1 | 31·1 | 87 | —6 | .. | 127 | +6·5 | 121·54 | +27·42 | 5·40 |
| Borjuli | .. | 73·5 | 69·7 | 91·6 | +6·7 | 63·9 | +0·5 | 99·6 | 40·8 | 81 | —6 | .. | 127 | +13·5 | 105·47 | +19·49 | 4·81 |
| Chandkhira | .. | 68·3 | 65·6 | 87·6 | +1·3 | 57·3 | —7·2 | 109·7 | 30·8 | 88 | —3 | .. | 142 | +10·4 | 115·09 | +4·93 | 6·57 |
| Doom Dooma | .. | 68·5 | 66·7 | 82·5 | +2·8 | 64·5 | +1·9 | 99·8 | 43·2 | 92 | —1 | .. | 154 | +23·1 | 103·23 | +3·24 | 2·79 |
| Dikom | .. | 68·7 | 66·7 | 82·2 | 0 | 64·3 | +1·1 | 99·6 | 42·8 | 90 | —1 | .. | 162 | +26·6 | 113·98 | +9·40 | 3·40 |
| Golaghat | .. | 70·0 | 68·9 | 81·7 | +0·1 | 62·1 | .. | 97·1 | 40·4 | 94 | +4 | .. | 124 | +10·8 | 57·28 | —11·77 | 2·94 |
| Hailakandi | .. | 71·5 | 69·3 | 86·1 | +0·2 | 67·4 | +1·5 | 97·2 | 43·6 | 89 | —2 | .. | 137 | +1·4 | 111·72 | —12·62 | 5·70 |
| Jorehat | .. | 69·9 | 68·3 | 82·2 | —0·8 | 64·9 | —0·2 | 96·9 | 43·1 | 92 | +2 | .. | 135 | +14·6 | 86·77 | +3·21 | 3·50 |
| Lumding | .. | 69·9 | 68·9(a) | 85·1 | .. | 64·8 | .. | 97·9 | 41·5 | 89(a) | .. | .. | 94 | +14·3 | 51·38 | +0·34 | 2·40 |
| Messa | .. | 76·0 | 70·7 | 87·0 | —1·2 | 64·1 | +1·6 | 100·3 | 40·8 | 76 | —5 | .. | 123 | +7·7 | 94·25 | +11·98 | 3·52 |
| Panerihat | .. | 66·2 | 65·0 | 83·3 | +0·2 | 59·9 | —2·6 | 95·6 | 37·3 | 94 | +3 | .. | 127 | +23·6 | 140·82 | +59·28 | 4·70 |
| **Bengal.** | | | | | | | | | | | | | | | | | |
| Brahmanbaria | .. | 69·2 | 59·6 | 90·6 | +4·2 | 55·3 | —12·7 | 98·6 | 44·9 | 53 | —31 | .. | 95 | —7·9 | 112·65 | +25·86 | 6·70 |
| Goalundo | .. | 75·8 | 72·4 | 87·2 | +0·4 | 68·3 | +1·3 | 102·1 | 41·8 | 84 | +2 | .. | 90 | +0·7 | 56·51 | —9·53 | 2·95 |
| Pabna | .. | 75·5 | 72·0 | 88·6 | —1·3 | 68·0 | +1·6 | 104·1 | 45·1 | 84 | +3 | .. | 87 | +3·5 | 52·76 | —6·94 | 3·70 |
| Dam Dim | .. | 67·9 | 66·6 | 86·2 | —1·7 | 63·2 | +1·9 | 96·1 | 39·7 | 93 | +1 | .. | 138 | +15·2 | 163·18 | +10·10 | 9·84 |
| Kalchini | .. | 71·3 | 68·1 | 84·0 | —0·7 | 63·7 | +1·0 | 97·1 | 40·0 | 83 | +2 | .. | 142 | +22·5 | 193·19 | +46·52 | 11·34 |
| Nagrakata | .. | 75·3 | 69·5 | 82·0 | —2·7 | 65·5 | +0·7 | 93·1 | 45·0 | 74 | —6 | .. | 136 | +3·7 | 135·50 | —21·31 | 6·65 |
| Raniganj (Asansol) | .. | 74·9 | 69·0 | 90·8 | .. | 68·2 | .. | 116·0 | 44·1 | 73 | .. | .. | 65 | —8·2 | 47·25 | —5·12 | 3·30 |
| **North-West Frontier Province.** | | | | | | | | | | | | | | | | | |
| Bannu (f) | .. | 79·2 | 70·1 | 95·4 | .. | 71·1 | .. | 115·0 | 44·8 | 63 | .. | .. | .. | .. | .. | .. | .. |
| **Central Provinces.** | | | | | | | | | | | | | | | | | |
| Chhindwara | 1·1 | 72·8 | 61·9 | 90·0(a) | .. | 64·2 | .. | 110·2 | 40·2 | 55 | .. | 3·0 | 36 | —23·3 | 28·92 | —11·79 | 3·70 |
| **Madras.** | | | | | | | | | | | | | | | | | |
| Anantapur | .. | 77·0 | 71·8 | 94·0 | .. | 70·9 | .. | 109·3 | 54·2 | 77 | .. | 4·2 | 34 | —4·1 | 28·15 | +4·09 | 5·30 |
| Guntur | .. | 79·2 | 74·2 | 94·2 | .. | 73·7 | .. | 116·0 | 60·2 | 79 | .. | 1·9 | 55 | +0·6 | 31·75 | —1·45 | 2·65 |
| Koraput | .. | 67·8 | 62·9 | 84·3 | .. | 62·4 | .. | 114·2 | 40·8 | 77 | .. | .. | 88 | .. | 63·30 | .. | 4·48 |
| **Kashmir.** | | | | | | | | | | | | | | | | | |
| Jammu | .. | 73·9 | 61·5 | 87·7 | .. | 68·8 | .. | 112·5 | 43·3 | 51 | .. | 3·8 | 37 | —17·5 | 27·52 | —15·08 | 2·21 |
| Kargil | .. | 43·4 | 47·2(g) | 58·8 | .. | 25·9 | .. | 95·8 | —19·5 | 48 | .. | 3·9 | 28 | +6·1 | 10·12 | +1·19 | 0·95 |
| **Hill stations, exclusive of Kashmir.** | | | | | | | | | | | | | | | | | |
| Panighatta | .. | 70·4 | 66·1 | 86·7 | +3·2 | 64·1 | —0·9 | 95·1 | 46·9 | 79 | +8 | .. | 126 | +4·3 | 127·66 | —11·91 | 5·30 |
| Kurseong | .. | 61·9 | 61·0 | 68·5 | +0·5 | 55·4 | —1·3 | 78·5 | 39·9 | 95 | +15 | .. | 148 | +12·4 | 155·15 | —6·77 | 6·92 |
| Poo | .. | .. | .. | 64·3 | +3·5 | 42·7 | +2·1 | 88·8 | 12·2 | .. | .. | 3·9 | 26 | —7·3 | 9·10 | —5·00 | 2·32 |
| Pishin | .. | .. | .. | 77·1 | +0·6 | 39·3 | —2·9 | 101·6 | 8·4 | .. | .. | 1·5 | 15 | —5·2 | 6·12 | —2·71 | 0·88 |
| **Extra India.** | | | | | | | | | | | | | | | | | |
| Chumbi | .. | 41·8 | 46·8(h) | 55·9 | .. | 35·8 | .. | 69·0 | 14·9 | 93(h) | .. | 3·3 | 62 | —34·1 | 21·87 | —12·42 | 2·18 |
| Abadan | .. | 76·9 | 62·7 | 90·2 | .. | 65·6 | .. | 121·0 | 33·0 | 49 | .. | .. | 16 | .. | 8·52 | .. | 2·71 |

(a) Mean of 11 months.
(f) Mean of 6 months.
(g) Mean of 7 months.
(h) Mean of 9 months.

## Table D.—Abstract of observations taken at 8 hrs. at 31 fifth class stations, in the year 1921.

# TABLE

*Abstract of 8 hrs. observations*

| Station. | January. | | | | | February. | | | | | March. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| **Bengal—** | | | | | | | | | | | | | | | |
| Commilla | 2 | +1·1 | 0·61 | +0·29 | 0·33 | 1 | —1·0 | 0·16 | —0·97 | 0·16 | 5 | +1·3 | 19·24 | +16·30 | 10 50 |
| Faridpur | 2 | +1·0 | 0·53 | +0·04 | 0·27 | 1 | —1·2 | 0·12 | —1·16 | 0·12 | 6 | +3·0 | 4·70 | +2·63 | 1·60 |
| Sirajganj | 2 | +1·3 | 0·78 | +0·43 | 0·60 | 0 | —1·7 | 0 | —0·82 | 0 | 5 | +2·9 | 2·24 | +0·94 | 1·06 |
| Rampur Boalia | 2 | +1·1 | 1·79 | +1·44 | 1·06 | 0 | —1·6 | 0 | —0·61 | 0 | 2 | 0 | 1·56 | +0·35 | 1·16 |
| Malda | 1 | 0 | 1·56 | +0·97 | 1·50 | 0 | —1·8 | 0 | —0·92 | 0 | 1 | —0·4 | 0·17 | —0·59 | 0·15 |
| Rangpur | 3 | +2·1 | 1·63 | +1·25 | 1·15 | 0 | —1·3 | 0 | —0·64 | 0 | 4 | +2·0 | 3·87 | +2·61 | 1·27 |
| Cooch Behar | 2 | +1·5 | 1·37 | +1·16 | 0·70 | 1 | —0·9 | 0·26 | —0·67 | 0·26 | 6 | +3·0 | 3·60 | +1·34 | 1·30 |
| Krishnagar | 2 | +1·0 | 1·09 | +0·60 | 0·70 | 2 | +0·3 | 0·91 | —0·37 | 0·74 | 2 | —0·4 | 0·39 | —1·27 | 0·22 |
| Bankura | 2 | +0·9 | 1·71 | +1·28 | 1·24 | 1 | —1·0 | 0·33 | —0·79 | 0·19 | 0 | —2·3 | 0 | —1·21 | 0 |
| **Bihar and Orissa—** | | | | | | | | | | | | | | | |
| Hazaribagh | 1 | —0·5 | 1·55 | +0·86 | 1·52 | 2 | —0·3 | 0·56 | —0·62 | 0·36 | 0 | —2·1 | 0 | —1·05 | 0 |
| Bhagalpur | 1 | —0·1 | 1·86 | +1·34 | 1·83 | 0 | —1·7 | 0·02 | —0·74 | 0·02 | 1 | —0·4 | 0·71 | +0·13 | 0·71 |
| Muzaffarpur | 1 | —0·2 | 0·85 | +0·28 | 0·85 | 0 | —1·6 | 0 | —0·54 | 0 | 1 | —0·2 | 0·12 | —0·39 | 0·12 |
| Motihari | 1 | —0·2 | 1·75 | +1·23 | 1·75 | 0 | —1·3 | 0 | —0·57 | 0 | 1 | 0 | 1·12 | +0·56 | 1·06 |
| Chapra | 1 | —0·3 | 0·72 | +0·12 | 0·72 | 0 | —1·6 | 0 | —0·61 | 0 | 1 | —0·1 | 0·68 | +0·30 | 0·68 |
| Arrah | 1 | —0·2 | 0·65 | 0 | 0·65 | 0 | —1·5 | 0 | —0·76 | 0 | 0 | —1·2 | 0 | —0·51 | 0 |
| Dehri | 1 | —0·3 | 0·79 | +0·21 | 0·79 | 0 | —1·8 | 0·07 | —0·75 | 0·06 | 0 | —1·2 | 0 | —0·51 | 0 |
| **United Provinces—** | | | | | | | | | | | | | | | |
| Meerut | 2 | —0·4 | 2·17 | +0·91 | 1·30 | 0 | —1·8 | 0 | —0·93 | 0 | 0 | —1·6 | 0 | —0·64 | 0 |
| Dehra Dun | 5 | +1·2 | 4·69 | +2·34 | 2·22 | 2 | —1·7 | 0·42 | —2·07 | 0·26 | 1 | —1·6 | 0·23 | —1·03 | 0·23 |
| **Rajputana—** | | | | | | | | | | | | | | | |
| Udaipur | 1 | +0·7 | 0·35 | +0·22 | 0·35 | 0 | —0·5 | 0 | —0·16 | 0 | 0 | —0·4 | 0 | —0·12 | 0 |
| **Hyderabad—** | | | | | | | | | | | | | | | |
| Parbhani | 1 | +0·7 | 0·26 | +0·17 | 0·26 | 0 | —0·4 | 0 | —0·12 | 0 | 0 | —0·4 | 0 | —0·29 | 0 |
| **Madras—** | | | | | | | | | | | | | | | |
| Tinnevelly | 5 | +3·0 | 2·44 | +1·31 | 0·80 | 0 | —1·5 | 0 | —0·92 | 0 | 0 | —1·8 | 0·08 | —0·82 | 0·08 |
| **Bay Islands—** | | | | | | | | | | | | | | | |
| Car Nicobar | 11 | +6·4 | 3·45 | —0·98 | 1·31 | 0 | —2·2 | 0·07 | —1·21 | 0·07 | 3 | +0·7 | 1·75 | +0·43 | 0·86 |
| **Kashmir—** | | | | | | | | | | | | | | | |
| Sonamarg | 12 | +0·1 | 10·94 | —0·59 | 4·82 | 9 | —1·1 | 4·33 | —5·26 | 0·82 | 12 | —2·4 | 12·13 | —1·87 | 2·87 |
| **Baluchistan—** | | | | | | | | | | | | | | | |
| Harnai | 0 | —2·5 | 0·09 | —1·06 | 0·09 | 0 | —3·2 | 0·01 | —1·55 | 0·01 | 1 | —1·8 | 0·12 | —1·38 | 0·12 |
| **Hill Stations exclusive of Kashmir—** | | | | | | | | | | | | | | | |
| Gnatong | 4 | +1·6 | 1·15 | —0·57 | 0·45 | 8 | —0·8 | 1·25 | —2·88 | 0·25 | 8 | —3·7 | 3·38 | —3·77 | 1·20 |
| Lachung | 3 | +1·3 | 1·36 | +0·91 | 0·98 | 8 | +2·0 | 1·62 | —1·41 | 0·30 | 10 | 0 | 2·19 | —3·74 | 0·39 |
| Dharampur | 6 | .. | 5·14 | .. | 2·82 | 2 | .. | 0·79 | .. | 0·40 | 0 | .. | 0·04 | .. | 0·04 |
| Mussooree | 4 | —0·2 | 9·59 | +6·78 | 5·93 | 1 | —3·7 | 0·45 | —2·80 | 0·40 | 1 | —3·4 | 0·37 | —1·92 | 0·37 |
| Dalhousie | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kailang | 6 | +0·4 | 2·03 | —0·92 | 0·80 | 3 | —3·0 | 0·92 | —1·87 | 0·51 | 5 | —2·3 | 2·48 | —1·49 | 0·95 |
| **Extra India—** | | | | | | | | | | | | | | | |
| Pemba | 4 | —0·9 | 2·63 | —0·11 | 0·90 | 0 | —3·4 | 0·07 | —1·86 | 0·05 | 12 | +3·7 | 9·94 | +4·04 | 2·76 |

**D.—1921.**

*at 31 fifth class stations.*

| April. | | | | | May. | | | | | June. | | | | | July. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| 5 | —2·3 | 2·82 | —3·67 | 0·90 | 11 | —1·2 | 12·78 | +0·22 | 2·20 | 17 | —0·6 | 36·47 | +18·66 | 5·40 | 18 | —0·6 | 25·75 | +10·48 | 5·48 |
| 6 | 0 | 3·75 | —0·83 | 1·23 | 12 | +0·8 | 6·75 | —2·38 | 1·58 | 13 | —2·1 | 9·60 | —3·83 | 2·70 | 14 | —3·5 | 8·46 | —4·41 | 3·21 |
| 8 | +3·0 | 7·73 | +4·33 | 3·69 | 7 | —3·7 | 3·79 | —4·62 | 1·35 | 12 | —2·6 | 10·38 | —2·18 | 2·41 | 14 | —1·6 | 16·90 | +5·28 | 9·37 |
| 5 | +2·2 | 4·73 | +2·88 | 1·73 | 7 | —0·7 | 2·60 | —3·13 | 0·71 | 12 | —0·8 | 10·61 | —0·17 | 2·39 | 13 | —2·1 | 12·81 | +1·92 | 5·19 |
| 2 | —0·1 | 3·41 | +2·38 | 2·35 | 3 | —2·9 | 5·12 | +0·59 | 1·08 | 17 | +5·7 | 15·32 | +5·49 | 2·86 | 17 | +2·5 | 18·82 | +8·24 | 3·61 |
| 3 | —1·5 | 2·47 | —0·65 | 1·22 | 11 | —1·3 | 9·35 | —2·12 | 1·31 | 11 | —4·5 | 14·81 | —2·26 | 2·95 | 19 | +4·2 | 27·68 | +13·12 | 5·43 |
| 13 | +5·7 | 21·55 | +16·38 | 4·00 | 24 | +9·3 | 57·31 | +41·09 | 6·07 | 20 | +2·1 | 47·88 | +16·73 | 5·60 | 26 | +7·1 | 73·41 | +44·25 | 7·74 |
| 4 | +0·1 | 1·37 | —0·93 | 0·80 | 6 | —2·3 | 2·97 | —4·17 | 1·26 | 15 | +2·2 | 12·78 | +2·19 | 3·20 | 15 | —1·3 | 12·85 | +1·58 | 2·30 |
| 4 | +1·1 | 2·21 | +0·88 | 1·42 | 2 | —4·0 | 0·87 | —3·59 | 0·58 | 9 | —2·6 | 7·79 | —2·88 | 1·92 | 11 | —4·6 | 7·76 | —5·14 | 1·24 |
| 2 | +0·5 | 0·46 | —0·05 | 0·35 | 0 | —3·9 | 0 | —2·21 | 0 | 11 | +0·2 | 5·90 | —2·99 | 1·15 | 13 | —4·6 | 12·61 | —0·17 | 3·64 |
| 1 | —0·6 | 0·32 | —0·44 | 0·30 | 3 | —1·2 | 1·24 | —2·00 | 0·60 | 7 | —3·1 | 6·00 | —2·36 | 1·82 | 14 | —0·9 | 9·00 | —3·23 | 1·65 |
| 1 | —0·1 | 0·96 | +0·47 | 0·96 | 2 | —1·6 | 2·13 | —0·37 | 1·80 | 5 | —3·1 | 2·73 | —5·51 | 0·98 | 10 | —4·3 | 7·29 | —5·10 | 1·80 |
| 4 | +2·8 | 1·81 | +0·99 | 0·63 | 2 | —2·2 | 1·01 | —1·86 | 0·62 | 7 | —2·6 | 7·40 | —1·69 | 1·90 | 15 | +0·9 | 11·19 | —3·55 | 3·39 |
| 0 | —0·7 | 0 | —0·34 | 0 | 0 | —1·9 | 0 | —1·53 | 0 | 7 | —0·3 | 6·44 | +0·16 | 2·31 | 14 | +0·2 | 10·88 | —0·60 | 2·55 |
| 0 | —0·6 | 0 | —0·29 | 0 | 0 | —2·1 | 0 | —1·48 | 0 | 6 | —1·5 | 4·76 | —1·74 | 0·96 | 13 | —1·0 | 21·37 | +9·15 | 4·70 |
| 0 | —0·6 | 0 | —0·24 | 0 | 0 | —1·3 | 0 | —0·77 | 0 | 5 | —2·2 | 3·47 | —2·54 | 1·64 | 8 | —5·6 | 4·64 | —5·78 | 1·24 |
| 0 | —0·8 | 0·06 | —0·26 | 0·03 | 0 | —1·5 | 0 | —0·59 | 0 | 3 | —0·8 | 1·40 | —1·73 | 0·80 | 7 | —2·9 | 7·80 | —1·36 | 5·04 |
| 1 | —0·7 | 0·14 | —0·57 | 0·14 | 0 | —3·4 | 0·10 | —1·32 | 0·05 | 9 | —0·4 | 3·19 | —5·45 | 0·73 | 14 | —6·1 | 13·52 | —12·00 | 4·70 |
| 0 | —0·3 | 0 | —0·18 | 0 | 0 | —1·6 | 0 | —0·73 | 0 | 3 | —1·2 | 0·90 | —2·12 | 0·62 | 13 | +3·1 | 14·09 | +6·36 | 3·07 |
| 2 | +1·2 | 0·25 | —0·10 | 0·15 | 0 | —1·1 | 0 | —0·50 | 0 | 9 | +0·9 | 8·52 | +2·47 | 2·61 | 9 | —2·0 | 3·96 | —3·36 | 0·92 |
| 5 | +1·1 | 4·32 | +1·79 | 3·06 | 0 | —2·6 | 0 | —1·42 | 0 | 0 | —1·4 | 0 | —0·62 | 0 | 1 | +0·4 | 0·32 | —0·09 | 0·17 |
| 5 | —0·3 | 2·07 | —1·28 | 0·91 | 14 | —0·9 | 9·56 | —3·52 | 2·29 | 16 | +1·0 | 10·65 | —2·31 | 3·78 | 21 | +8·4 | 27·44 | +18·39 | 4·21 |
| 16 | +2·9 | 7·23 | —2·91 | 0·97 | 9 | +0·2 | 3·07 | —1·99 | 0·65 | 12 | +4·0 | 5·48 | +2·72 | 1·07 | 7 | —2·5 | 2·33 | —1·48 | 0·76 |
| 0 | —1·5 | 0 | —0·51 | 0 | 0 | —0·5 | 0 | —0·19 | 0 | 1 | —0·7 | 0·64 | —0·39 | 0·64 | 2 | —2·3 | 2·77 | +0·41 | 2·11 |
| 20 | +0·7 | 13·30 | +1·65 | 2·30 | 26 | +1·8 | 24·05 | +5·07 | 3·15 | 29 | +3·8 | 29·05 | +3·71 | 3·20 | 20 | —0·7 | 30·65 | —10·27 | 2·50 |
| 15 | +1·0 | 4·53 | —2·83 | 0·57 | 19 | +6·0 | 7·63 | +1·79 | 1·50 | 26 | +5·2 | 10·12 | +1·09 | 1·61 | 31 | +7·7 | 12·08 | +1·75 | 1·11 |
| 1 | .. | 0·47 | .. | 0·47 | 1 | .. | 0·25 | .. | 0·25 | 3 | .. | 0·88 | .. | 0·34 | 13 | .. | 14·82 | .. | 2·59 |
| 3 | +0·7 | 1·27 | +0·12 | 0·57 | 0 | —4·2 | 0·03 | —2·28 | 0·03 | 10 | —0·3 | 5·89 | —3·40 | 2·79 | 21 | —0·9 | 23·12 | —6·13 | 2·84 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 8 | +1·7 | 2·10 | —1·15 | 0·43 | 6 | +0·4 | 2·97 | +0·54 | 1·39 | 2 | —0·6 | 1·16 | +0·08 | 0·59 | .. | .. | .. | .. | .. |
| .. | .. | 34·42 | +11·49 | .. | .. | .. | 10·90 | —6·36 | .. | 7 | —1·0 | 1·93 | —2·95 | 0·39 | .. | .. | 2·36 | —1·24 | .. |

# TABLE

*Abstract of 8 hrs. observations*

| Station. | August. | | | | | September. | | | | | October. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. |
| 1 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 |
| **Bengal—** | | | | | | | | | | | | | | | |
| Commilla | 15 | —2·9 | 16·65 | +0·53 | 3·22 | 15 | +1·9 | 14·16 | +3·67 | 1·93 | 10 | +3·7 | 8·36 | +2·00 | 1·93 |
| Faridpur | 19 | +1·8 | 6·25 | —5·72 | 1·44 | 10 | —1·9 | 5·00 | —3·83 | 0·98 | 6 | +0·8 | 3·04 | —1·50 | 1·04 |
| Sirajganj | 20 | +4·9 | 13·43 | +2·32 | 4·83 | 12 | +0·7 | 5·98 | —3·47 | 1·20 | 6 | +1·4 | 3·33 | —1·26 | 1·86 |
| Rampur Boalia | 20 | +5·5 | 13·03 | +3·05 | 3·22 | 12 | 0 | 11·58 | +1·72 | 2·73 | 1 | —3·0 | 0·60 | —2·50 | 0·51 |
| Malda | 17 | +2·4 | 11·51 | +0·60 | 1·51 | 14 | +3·1 | 10·48 | +0·93 | 3·06 | 2 | —1·6 | 0·85 | —2·84 | 0·50 |
| Rangpur | 10 | —4·2 | 4·53 | —9·13 | 1·49 | 15 | +1·9 | 16·05 | +2·08 | 2·66 | 5 | +1·0 | 8·43 | +4·09 | 5·76 |
| Cooch Behar | 17 | —1·6 | 20·03 | —5·15 | 5·50 | 18 | +2·7 | 22·81 | —3·03 | 4·80 | 10 | +5·1 | 8·95 | +1·98 | 3·71 |
| Krishnagar | 19 | +4·5 | 13·90 | +3·92 | 2·38 | 10 | —0·7 | 5·17 | —2·92 | 1·44 | 5 | +0·4 | 2·23 | —1·80 | 0·91 |
| Bankura | 17 | +1·3 | 14·94 | +3·92 | 2·84 | 12 | +0·4 | 5·41 | —3·30 | 1·07 | 4 | +0·1 | 1·07 | —1·46 | 0·35 |
| **Bihar and Orissa—** | | | | | | | | | | | | | | | |
| Hazaribagh | 20 | +2·2 | 12·41 | —0·43 | 1·97 | 10 | —1·8 | 4·76 | —4·34 | 0·88 | 4 | +0·1 | 1·10 | —1·59 | 0·62 |
| Bhagalpur | 20 | +7·2 | 12·74 | +1·43 | 2·06 | 10 | +0·8 | 9·63 | +0·60 | 2·93 | 3 | +0·6 | 4·11 | +2·07 | 2·81 |
| Muzaffarpur | 16 | +2·1 | 14·69 | +0·59 | 3·42 | 13 | +4·3 | 20·26 | +13·04 | 12·35 | 3 | +0·5 | 1·89 | —0·76 | 0·76 |
| Motihari | 18 | +4·0 | 17·72 | +3·49 | 4·62 | 12 | +3·1 | 14·28 | +5·65 | 4·01 | 4 | +1·4 | 1·96 | —0·59 | 0·85 |
| Chapra | 17 | +3·6 | 22·22 | +10·66 | 4·80 | 12 | +3·5 | 21·18 | +14·33 | 12·09 | 3 | +0·5 | 1·61 | —0·63 | 0·64 |
| Arrah | 19 | +5·2 | 29·77 | +17·86 | 4·90 | 10 | +1·0 | 21·28 | +13·62 | 5·10 | 2 | —1·0 | 1·73 | —0·75 | 1·40 |
| Dehri | 18 | +3·6 | 12·73 | —0·40 | 1·72 | 9 | +0·2 | 13·70 | +6·96 | 3·87 | 1 | —1·6 | 0·38 | —1·63 | 0·35 |
| **United Provinces—** | | | | | | | | | | | | | | | |
| Meerut | 14 | +4·3 | 15·26 | +6·57 | 5·00 | 10 | +5·0 | 6·88 | + 0·74 | 1·76 | 2 | +1·5 | 1·87 | +1·37 | 1·31 |
| Dehra Dun | 26 | +4·4 | 42·86 | +13·17 | 7·90 | 17 | +6·6 | 26·54 | +17·09 | 4·70 | 3 | +1·7 | 2·54 | +1·64 | 1·68 |
| **Rajputana—** | | | | | | | | | | | | | | | |
| Udaipur | 4 | —4·3 | 2·65 | —3·53 | 1·35 | 10 | +4·8 | 7·87 | +3·99 | 3·25 | 0 | —0·7 | 0 | —0·51 | 0 |
| **Hyderabad—** | | | | | | | | | | | | | | | |
| Parbhani | 5 | —5·0 | 2·25 | —4·60 | 1·49 | 7 | —2·4 | 5·33 | —2·62 | 2·39 | 3 | —0·2 | 0·73 | —1·49 | 0·35 |
| **Madras—** | | | | | | | | | | | | | | | |
| Tinnevelly | 3 | +2·1 | 1·02 | +0·51 | 0·45 | 4 | +2·3 | 1·37 | +0·13 | 0·66 | 14 | +4·6 | 12·55 | +5·12 | 2·63 |
| **Bay Islands—** | | | | | | | | | | | | | | | |
| Car Nicobar | 15 | +1·3 | 8·35 | —2·17 | 1·50 | 17 | +1·9 | 17·36 | +4·41 | 1·90 | 20 | +5·6 | 9·30 | —1·76 | 1·88 |
| **Kashmir—** | | | | | | | | | | | | | | | |
| Sonamarg | 11 | +2·0 | 3·52 | +0·05 | 0·52 | 9 | +1·9 | 2·48 | —1·21 | 0·52 | 7 | +2·1 | 5·16 | +3·12 | 1·48 |
| **Baluchistan—** | | | | | | | | | | | | | | | |
| Harnai | 5 | +1·5 | 2·94 | +0·70 | 0·80 | 2 | +1·0 | 2·65 | +2·14 | 2·25 | 2 | +1·6 | 3·08 | +2·06 | 2·65 |
| **Hill Stations exclusive of Kashmir—** | | | | | | | | | | | | | | | |
| Gnatong | 30 | +2·3 | 29·90 | —1·55 | 3·40 | 23 | 0 | 12·50 | —2·04 | 2·10 | 16 | +4·5 | 6·50 | +0·69 | 1·20 |
| Lachung | 30 | +4·0 | 11·92 | +0·71 | 0·71 | 27 | +10·4 | 9·15 | +3·53 | 1·00 | 7 | —2·6 | 1·96 | —2·01 | 0·36 |
| Dharampur | 21 | .. | 20·72 | .. | 3·80 | 10 | .. | 6·03 | .. | 1·40 | 2 | .. | 0·73 | .. | 0·56 |
| Mussooree | 29 | +6·7 | 48·30 | +17·01 | 9·41 | 18 | +7·6 | 25·04 | +14·89 | 3·46 | 4 | +2·6 | 4·72 | +3·82 | 1·60 |
| Dalhousie | 28 | .. | 33·31 | .. | 3·12 | 14 | .. | 6·40 | .. | 1·16 | 5 | .. | 3·52 | .. | 2·18 |
| Kailang | 7 | +3·2 | 1·62 | +0·16 | 0·50 | 4 | +1·1 | 1·01 | —1·01 | 0·46 | 4 | +2·7 | 2·17 | +1·62 | 1·27 |
| **Extra India—** | | | | | | | | | | | | | | | |
| Pemba | 2 | —2·4 | 16·61 | —0·9 | 0·29 | 3 | —0·1 | 0·75 | —0·52 | 0·20 | 8 | —1·3 | 1·49 | —0·77 | 0·80 |

# D.—1921—*concld.*

*at 31 fifth class stations*—concld.

| November. | | | | | December. | | | | | Annual. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. | Number of rainy days. | Departure from normal. | Rainfall of month. | Departure from normal. | Heaviest rainfall during month. | Number of rainy days. | Departure from normal. | Rainfall of year. | Departure from normal. | Heaviest rainfall during year. |
| 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 |
| 0 | —1·5 | 0 | —1·12 | 0 | 0 | —0·4 | 0 | —0·26 | 0 | 99 | —2·5 | 137·00 | +46·13 | 5·48 |
| 0 | —1·3 | 0 | —1·20 | 0 | 0 | —0·3 | 0 | —0·14 | 0 | 89 | —2·9 | 48·20 | —22·33 | 3·21 |
| 0 | —0·7 | 0 | —0·54 | 0 | 0 | —0·4 | 0 | —0·12 | 0 | 86 | +3·5 | 64·56 | +0·29 | 9·37 |
| 0 | —0·7 | 0 | —0·49 | 0 | 0 | —0·2 | 0 | —0·07 | 0 | 74 | —0·3 | 59·31 | +4·39 | 5·19 |
| 0 | —0·7 | 0 | —0·38 | 0 | 0 | —0·1 | 0 | —0·06 | 0 | 74 | +6·1 | 67·24 | +14·41 | 3·61 |
| 0 | —0·3 | 0·01 | —0·22 | 0·01 | 0 | —0·2 | 0 | —0·05 | 0 | 81 | —2·1 | 84·25 | +3·50 | 5·76 |
| 0 | —0·5 | 0·08 | —0·21 | 0·08 | 0 | —0·4 | 0 | —0·13 | 0 | 137 | +33·1 | 257·25 | +113·74 | 7·74 |
| 0 | —1·2 | 0 | —1·02 | 0 | 0 | —0·2 | 0 | —0·11 | 0 | 80 | +2·4 | 53·66 | —4·30 | 3·20 |
| 0 | —1·1 | 0 | —0·64 | 0 | 0 | —0·2 | 0 | —0·09 | 0 | 62 | —12·0 | 42·09 | —13·02 | 2·84 |
| 0 | —0·9 | 0 | —0·42 | 0 | 0 | —0·4 | 0 | —0·23 | 0 | 63 | —11·5 | 39·35 | —13·24 | 3·64 |
| 0 | —0·4 | 0 | —0·31 | 0 | 0 | —0·1 | 0 | —0·10 | 0 | 60 | +0·1 | 45·63 | —3·61 | 2·93 |
| 0 | —0·4 | 0 | —0·27 | 0 | 0 | —0·2 | 0 | —0·07 | 0 | 52 | —4·8 | 50·92 | +1·37 | 12·35 |
| 0 | —0·3 | 0 | —0·23 | 0 | 0 | —0·4 | 0 | —0·16 | 0 | 64 | +5·2 | 58·24 | +2·67 | 4·62 |
| 0 | —0·5 | 0 | —0·30 | 0 | 0 | —0·3 | 0 | —0·13 | 0 | 55 | +2·1 | 63·73 | +21·43 | 12·09 |
| 0 | —0·5 | 0 | —0·32 | 0 | 0 | —0·4 | 0 | —0·17 | 0 | 51 | —3·8 | 79·56 | +34·61 | 5·10 |
| 0 | —0·7 | 0 | —0·53 | 0 | 0 | —0·4 | 0 | —0·25 | 0 | 42 | —11·9 | 35·78 | —6·23 | 3·87 |
| 0 | —0·4 | 0 | —0·16 | 0 | 0 | —1·1 | 0·08 | —0·36 | 0·08 | 38 | —0·5 | 35·52 | +3·56 | 5·04 |
| 0 | —0·7 | 0 | —0·42 | 0 | 2 | +0·5 | 0·29 | —0·52 | 0·11 | 80 | —0·2 | 94·52 | +10·86 | 7·90 |
| 0 | —0·1 | 0 | —0·04 | 0 | 0 | —0·3 | 0 | —0·10 | 0 | 31 | —0·8 | 25·86 | +3·08 | 3·25 |
| 0 | —1·0 | 0·06 | —0·47 | 0·06 | 0 | —0·7 | 0 | —0·20 | 0 | 36 | —10·4 | 21·36 | —11·21 | 2·61 |
| 5 | —4·7 | 1·73 | —5·46 | 0·79 | 6 | +0·4 | 5·68 | +1·42 | 2·53 | 43 | +1·9 | 29·51 | +0·95 | 3·06 |
| 10 | —2·2 | 7·82 | —3·26 | 1·70 | 6 | —2·2 | 4·69 | —2·87 | 2·15 | 138 | +17·5 | 102·51 | +3·87 | 4·21 |
| 2 | —0·6 | 0·55 | —1·08 | 0·29 | 16 | +8·7 | 16·43 | +10·60 | 2·97 | 122 | +15·3 | 73·65 | +0·10 | 4·82 |
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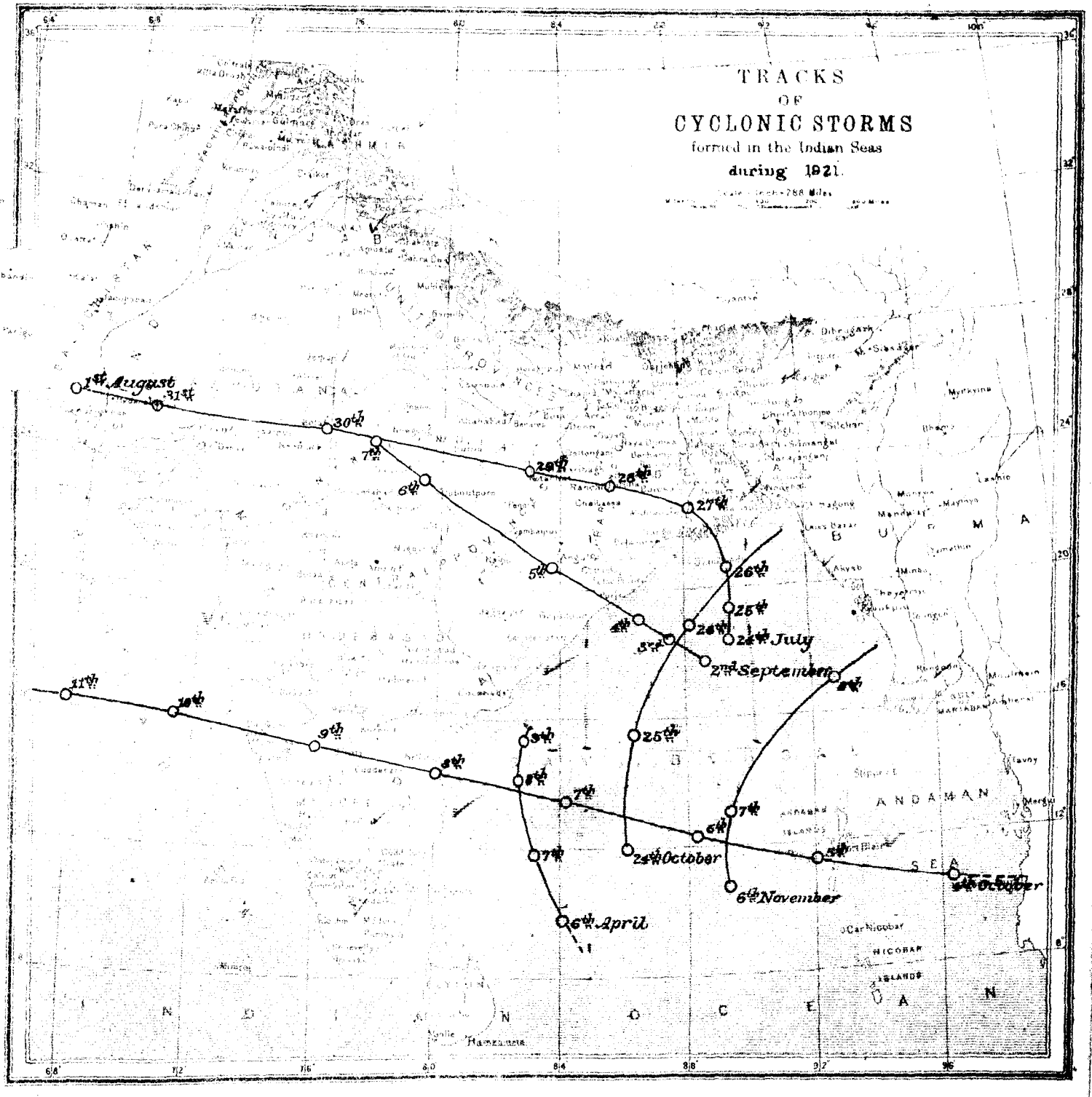


*Track of the storm in the Arabian Sea which lies outside the boundaries of the map is defined by the following positions :-*

*Storm of October 4th to 13th*

| | Lat. N. | Long. E. |
|---|---|---|
| 12th | 17° | 63½° |
| 13th | 17½° | 59½° |

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| Statement of actual rainfall June to September and comparison of the forecast with the actual rainfall. Annas 2. | Ditto. |
| Statement of the rainfall and snowfall of India, January and February and comparison of the seasonal forecast with the actual precipitation . . . . . Annas 2. | Ditto. |
| Daily rainfall of India for the years 1891—1921 (31 Vols.) . Rs. 9 a volume† | Ditto. |
| Monthly rainfall of India, 1901—1921 (21 Vols.) . . Rs. 2 a volume† | Ditto. |
| India Weather Review—Annual Summaries for the years 1891—1920 (30 parts) . . each Rs. 2‡ | Ditto. |
| Monthly Weather Reviews for each month January 1891 to December, 1920 . . . . each annas 12.§ | Ditto. |
| Monthly Weather Report . . . each annas 4‖ | Ditto. |
| Indian Daily Weather Report, published in Simla. Monthly subscription Rs. 3.¶ | Ditto. |
| Calcutta Daily Weather Report, published from 1st January to 14th November in Calcutta. Monthly subscription Rs. 3.¶ | Ditto. |
| Bombay Daily Weather Report, published from 1st May to 31st October in Bombay. Monthly subscription Rs. 3-8.¶ | Ditto. |
| Madras Daily Weather Report, published from 1st April to 31st December in Madras. Monthly subscription Rs. 3.¶ | Ditto. |

* Out of print.
† Volumes for 1913 to 1917, 1920 and 1921 are out of print.
‡ Copies for 1891 to 1905, 1908, 1910 and 1911 are out of print.
§ Discontinued from January 1921. Copies for 1891—97, January, March and May 1898, and January, 1899 to June, September, and October 1902, 1903 and January to March, May, June and November 1904, September 1907, February, May to July 1908, January to April and August 1909, January 1912, April to July 1916 are out of print.
‖ Started from January 1923. Published early in the succeeding month.
¶ These prices include postage in India.

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