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ANNUAL SUMMARY, 1923

General Remarks.

There were two revivals of northeast monsoon conditions in the south of the Bay in January and abundant rain fell in the southeast of the Peninsula; as has often been noticed under similar conditions the winter rainfall associated with western disturbances in the north was poor and was confined to the Punjab and the surrounding mountains, with the result that weather was unusually dry over the rest of the country. The conditions in February were in striking contrast to those of January: the western disturbances of this month followed a more southerly track than usual and produced abnormally heavy rain over the whole of northern India and in the northeast of the Peninsula; while over most of Burma and in the south and west of the Peninsula weather was much drier than usual.

As many as eight western disturbances affected the weather in India during March; but they were less active than usual over the whole of northern India excluding Kashmir and the North-West Frontier Province, although in the central parts of the country they caused abundant rain for the time of year. Widespread and unusually heavy rain for the season also occurred in south Madras about the middle of the month in connection with unsettled conditions passing westwards from the south of the Bay. In the month of April the western disturbances were on the whole less active than usual in northwest India, but while passing over northeast India they stimulated the inflow of humid winds from the Bay and caused widespread and locally heavy rain in Assam and parts of Bengal; in the last week of the month a temporary advance of the monsoon gave rise to a storm in the neighbourhood of Table Island, which caused heavy rain in south Burma and died out at sea off the Arakan coast. In the beginning of May a storm formed in the middle of the Bay, developed into a severe cyclone and crossed the coast between Cox's Bazar and Akyab; the S. S. *Okara* foundered in this cyclone and extensive damage was done in the coastal districts. The rainfall associated with it occurred in Burma and northeast India, and was heavy on the Arakan coast. Another temporary advance of the monsoon gave rain in Burma in the third week of the month. In northwest India abundant rainfall occurred in connection with western disturbances, and there was also fairly good rain in Assam and parts of Bengal; but over the rest of the country weather was much drier than usual.

Both branches of the monsoon arrived later than usual and were abnormally weak throughout the month of June, the activity of the Bay current was shown mainly in Burma Assam and Bengal, while the Arabian Sea current failed to extend into the interior of the country and was practically confined to Malabar and the south Konkan. Weather was consequently much drier and hotter than usual. Both the currents strengthened and extended into the interior of the country in the beginning of July, and during the month gave well distributed rainfall over the greater part of the country. The monsoon continued vigorous in August also; but while the Bay current was active over the whole of its field, the Arabian Sea current was strongly directed to northwest India at the expense of the Peninsula, excluding Malabar. In September on the other hand the Arabian Sea current displayed its activity mainly in the north of the Peninsula and the central parts of the country and seldom extended into northwest India, while the Bay current was fairly active in Burma and northeast India, and in the last ten days gave very heavy rain in the United Provinces. The heavy rainfall in the United Provinces continued for a few days in October, but by the 14th the southwest monsoon had retreated from northeast India; the usual northeast monsoon set in on the Coromandel coast on the 16th and gave fairly good rain in Madras. In the Punjab and the hills around it rainfall occurred in connection with four disturbances of the winter type. The rainfall of November was controlled by a storm which formed to the southwest of the Andamans on the 10th and, curving to the north off Madras, travelled along the north Madras coast and finally disappeared off Chittagong; it gave very heavy rain on the north Madras coast and in Orissa, causing much damage over a long stretch of railway line, and light to moderate rain round the head of the Bay. Over the rest of the country weather was much drier than usual. In the month of December the activity of the monsoon was chiefly displayed in the extreme southeast of the Peninsula; heavy rain, followed by disastrous floods occurred in the Tinnevelly district about the middle of the month. The striking feature in northern India at this time was the occurrence of unusually early and heavy winter rains in the Punjab and the United Provinces.

Pressure.

Atmospheric pressure in the plains was, on an average, in excess by only ·009″ in January, and in defect by ·041″ in February. The principal feature of the local distribution consisted in high values of pressure in northwest India and the United Provinces in January, followed by a large fall and very low values over those regions in February. Thus the north-south pressure gradients over India were accentuated in the former month and were rather weak in the latter.

From February to March the rise in pressure over the country amounted to as much as ·086″, but this was followed by almost an equal fall from March to April. Thus, while in March pressure in the plains was in excess by ·045″, in April it was in defect by ·040″. Relatively to the general

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condition, the pressure was high from the North-West Frontier Province to northeast India in March, and low in April, while in the Peninsula the departures from normal were not so well marked. In May pressure was, on an average, lower than usual by only ·014″, but in northeast India, the United Provinces and the northeast of the Peninsula the defects from the normal were comparatively larger.

In June, July and August pressure in the plains was almost uniformly lower than usual, the defects from the normal amounting to ·030″ in June, ·029″ in July and ·039″ in August. In June a belt of relatively low pressure lay against the hills from the east Punjab to Assam, and pressure was also low over practically the whole of northeast India. In July the most marked feature of the distribution was the existence of a well-defined negative departure over the central parts of the country, indicating a southward displacement of the usual monsoon trough. In August this area of large negative departure had shifted to Bengal and become more marked, so that a distinct low with a wind circulation round it was shown over southwest Bengal. There was an unusual rise of pressure over northeast India from August to September, and an area of relatively high pressure, lay over Bengal and Bihar and Orissa; and the mean of the month averaged over the plains was brought up to the normal value. The characteristic feature of the distribution of this month was the occurrence of a low pressure area over the east of the Central Provinces, and the consequent determination of the monsoon current to the north of the Peninsula.

In October pressure rose to ·026″ above the normal for the month, the departures from the normal for any single division lying all within ·013″ of this mean. In November pressure was on an average ·015″ lower than usual and relatively to this general condition over India, it was low in Burma, Assam, Orissa and on the north Madras coast, and high in parts of Bombay. In December however a fall occurred in Bombay and this region embraced an area of low pressure, while in Bihar and the east United Provinces it was relatively high; the mean value for the Indian plains differed by only ·004″ from the normal for this month. On the whole however during the season October to December local features of pressure distribution were not very pronounced.

The mean monthly pressures in the Indian plains were within ·010″ of the normal in January, September and December. They were in excess by ·045″ and ·026″ in March and October, and were from ·014″ to ·041″ in defect during the remaining seven months. During the year the opposite influences did not wholly counterbalance each other for the annual mean departure remained ·010″ below the normal value.

TABLE 1.—*Departure of the mean monthly and annual pressure from the normal in the 15 chief political divisions of India in 1923.*

Division.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
	″	″	″	″	″	″	″	″	″	″	″	″	″
Burma	—·009	—·027	+·031	—·031	—·013	—·054	—·010	—·040	+·009	+·016	—·026	+·007	—·012
Assam	+·003	—·033	+·059	—·035	—·023	—·051	—·025	—·065	+·009	+·019	—·035	+·009	—·014
Bengal	+·006	—·031	+·062	—·037	—·024	—·056	—·020	—·073	+·027	+·032	—·020	+·014	—·010
Bihar and Orissa	+·009	—·042	+·061	—·052	—·034	—·060	—·037	—·062	+·023	+·033	—·020	+·017	—·014
United Provinces	+·020	—·046	+·064	—·048	—·023	—·054	—·027	—·040	+·009	+·028	—·015	+·017	—·010
Punjab	+·028	—·054	+·054	—·055	—·010	—·046	—·016	—·033	+·002	+·027	—·016	+·013	—·009
North-West Frontier Province	+·045	—·063	+·059	—·043	—·005	—·031	—·003	—·027	+·014	+·039	—·011	+·011	—·001
Sind	+·037	—·054	+·042	—·033	—·008	—·006	—·032	—·051	—·001	+·030	0	+·017	—·005
Rajputana	+·025	—·056	+·047	—·034	—·009	—·023	—·048	—·046	—·005	+·019	—·019	—·001	—·013
Bombay	0	—·030	+·029	—·026	—·003	+·021	—·030	—·034	—·010	+·031	+·003	—·013	—·005
Central India	+·019	—·050	+·046	—·041	—·011	—·025	—·059	—·053	—·003	+·022	—·021	—·004	—·015
Central Provinces	+·012	—·052	+·042	—·041	—·011	—·017	—·057	—·039	—·006	+·035	—·014	+·003	—·012
Hyderabad	+·011	—·037	+·047	—·039	—·012	—·005	—·042	—·021	—·015	+·030	—·009	+·001	—·008
Mysore	—·015	—·033	+·025	—·035	—·010	+·005	—·021	—·008	·015	+·017	0	—·009	—·008
Madras	—·010	—·030	+·039	—·048	—·015	—·016	—·019	—·006	—·011	+·021	—·009	—·009	—·009
MEAN OF INDIA	+·009	—·041	+·045	—·040	—·014	—·030	—·029	—·039	+·002	+·026	—·015	+·004	—·010

Depressions and cyclonic storms.

Five storms occurred in the Bay of Bengal and one in the Arabian Sea during the year. The dates on which they occurred and their intensities are summarised below in Table 2. Detailed descriptions of these storms as well as of ten depressions and one period of disturbed weather follow this table. A list of western disturbances of the year and of the most important local storms, together with a list of localities in which winds of force 9 or more were experienced by ships in the Indian seas is also given.

TABLE 2.

Serial No.	Bay of Bengal or Arabian Sea.	Month.	Date.	Greatest observed barometric depth.	Intensity.
3	Bay of Bengal	April	27-29	0·5″	Slight.
4	Do.	May	3-7	1·8″	Severe.
14	Do.	October	27-30	>0·2″	Slight.
15	Do.	November	10-20	0·81″	Severe.
16	Arabian Sea	December	18-22	>0·75″	Severe.
17	Bay of Bengal	December	22-24	not known	Slight.

1. *Depression of 6th to 13th January.*—A shallow depression was indicated near 6° N, 92° E on the 6th by the weather experienced by the S. S. *Kamakura Maru* and the S. S. *Kashgar*, both bound from Singapore to Bombay; the former while passing near the above mentioned position reported a shift of wind from SE at noon through variable winds at 16 hrs. to NE at 20 hrs., and the latter reported continuous rain at 16 hrs. near 6° N, 89½° E and heavy rain next morning near 84½° E. The depression moved westwards and the S. S. *Andes Maru* which was following it reported on the 8th-9th a moderate SE breeze, moderate sea and occasional rain between 90° E and 84° E.

With the advance of the depression rainfall set in on its northern side in Ceylon and on the south Coromandel coast on the morning of the 9th. During the day more than an inch of rain fell over the northern two-thirds of Ceylon, several falls exceeding 10″; both Hendon and St. Martin's reported 13″. On the morning of the 10th the depression lay to the southeast of Ceylon, whence, changing its direction of motion to northwest, it reached the southwest of the island in the next twenty-four hours; rainfall decreased that day in Ceylon and increased in the southeast of the Peninsula. Continuing on its northwest track, the depression lay on the morning of the 12th over the Gulf of Manaar where it slowly filled up in the next two days. The rainfall on its northern side was very heavy on the 11th and 12th several stations recording 13″ to 17″ in this period; Negapatam received 16·50″, Kumbakonam (Tanjore) 16·69″ and Karambakudi (Pudukkottai) 16·88″. The total of the two days averaged 10·93″ in the Tanjore district and 8·56″ in the Pudukkottai State.

Rainfall decreased and shrank southwards in the Peninsula on the 13th, but increased in Ceylon on the 14th; this phenomenon was associated with a southeastward retreat of the residual low pressure into Ceylon, as described by Mr. Bamford in the interesting account of this depression, as it affected Ceylon, appended to the Report on the Colombo Observatory for 1923, pp. 11-12.

2. *Disturbance of 9th to 16th March.*—Unsettled conditions from the east appeared in the Andaman Sea on the 9th and caused thunderstorms throughout Tenasserim with widespread rain in the Tavoy and Mergui districts. Passing westwards these unsettled conditions gave moderately heavy rain in the Andamans and Nicobars in the next two days. On the 12th when the disturbed weather had approached the Indian land area, rainfall commenced in the north of Ceylon and the neighbouring districts of Madras: the S. S. *Gairsoppa* steaming south reported heavy rain at noon that day near 10½° N, 83½° E, while that night and next morning she had passing rain squalls. On the 13th rainfall was general on the coast as far north as Nellore, and was heaviest in the South Arcot and Tanjore districts, which had 1·71″ and 1·70″ respectively their normals for the whole month being only 0·22″ and 0·36″; the heaviest fall at a single station was 5″ at Negapatam. On the 14th the area of rain passed to the southwest of the Peninsula whence it extended on the 15th to the Laccadive and Minicoy Islands; the heaviest fall on the west coast occurred on the 15th at Angadipuram which received 4″. The disturbed conditions then probably passed away westwards into the Arabian Sea and rainfall decreased considerably in the Peninsula; it was confined to the extreme south on the 16th and disappeared on the next day.

3. *Slight storm of 27th to 29th April.*—A temporary advance of the monsoon occurred in the south of the Bay in the last week of April, and an area of low pressure was shown in the Andaman Sea on the morning of the 26th. The Commander of the R. I. M. S. *Clive* proceeding from Kyaukpyu to Diamond Island noticed that evening not far from Kyaukpyu that the sky had a threatening aspect with low heavy coppery-looking clouds and a very red setting sun, and later a halo round the moon. A storm developed in the low pressure area probably during the day of the 26th, and by 8 hrs. of the 27th it was near Table Island with centre slightly to the west of the island, where, with pressure about ¼″ below normal, the wind was blowing a gale and 8″ of rain had fallen in the previous 24 hrs. The S. S. *Lancashire* passed through the storm to the north of Table Island and had very heavy rain, but the barometric movement was small.

Thence the storm moved in a northwesterly direction; and the R. I. M. S. *Clive* which was stationary near Diamond Island from 10 to 15 hrs. that day had a heavy sea and swell, high wind with squalls and moderate rain. By 8 hrs. on the morning of the 28th the storm was centred near 15½° N, 92° E, and was slowly changing its course to NNW. The S. S. *Garada* bound from Rangoon to Bombay passed at a distance of 150 miles to the southeast of the centre and had a moderate southwesterly breeze with occasional rain squalls. The S. S. *Egra*, about 14½° N, 92½° E at noon, had a southwesterly gale and a heavy confused swell in the previous three hours. The S. S. *Elephanta* bound from Rangoon to

Gopalpur passed to the south of the storm during the day, being nearest to the centre at 22 hrs.; she experienced a rough high sea, strong to high wind and violent squalls; the barometer on board fell by ·27″ from 16 hrs. to 22 hrs. (actual reading 29·20″) and rose by the same amount in the next six hours.

On the morning of the 29th the storm was near 17½° N, 91½° E and beginning to curve towards the Arakan coast; the S. S. *Kwaisang* about 50 miles northeast of the centre had a strong ESE gale and heavy squalls. The S. S. *Selma City* in 16° 44′ N, 92° 08′ E at 8 hrs. had a high SW wind, rough seas and heavy squalls, while at noon she had in 17° 13′ N, 91° 45′ E a SW gale with frequent heavy rain squalls. For the succeeding hours information is not available from any steamers in the immediate neighbourhood; but the coast observations, recorded every three hours, showed no indication of the continued existence of the storm, which therefore is believed to have filled up at sea sometime in the afternoon of the 29th.

4. *Cyclone of 3rd to 7th May.*—Even after the disappearance of the slight storm described above off the Arakan coast on the 29th April, the monsoon continued strong in the south of the Bay, and by the morning of the 1st May an area of low pressure had appeared between the Madras coast and longitude 88° E, with squally showery weather to the east up to the south Burma coast. In this low pressure area a depression formed during the day and on the morning of the 2nd was situated with centre near 13½° N, 85½° E.

Moving in a northnortheasterly direction the depression seems to have developed by 8 hrs. of the 3rd into a storm with centre near 16° N, 86½° E. No estimate can be formed of its intensity during the day as there were no steamers near the central area, but it was possibly a moderately severe storm even then, for the S. S. *Huntsman* at a distance of more than 250 miles to the south of the centre had strong SW winds with a rough following sea. The S. S. *Laisang* bound from Penang to Calcutta had at 20 hrs. near 16° N, 92° E, strong SSW winds with heavy rain squalls and a rough sea, the storm centre then being near 17° N, 87° E.

By 8 hrs. next morning the storm, which had become severe, had advanced to a position with centre near 18½° N, 88° E; its path was slowly curving more to the east and was roughly northeast during the day. The S. S. *Laisang* in the eastern quadrant had at 8 hrs. a high wind and heavy rain squalls with rough confused sea; as she got nearer to the centre the wind rose to a gale at 10 hrs. and was of force 9 to 10 from 11 hrs. to 14 hrs., when she was roughly at a distance of 175 miles eastsoutheast of the centre. But after 14 hrs. she seems to have steamed away from the storm for the winds decreased to force 6 or 7 at 15 hrs. At 20 hrs. that night the storm centre was near 19° N, 88½° E, and at 8 hrs. next morning in 20° N, 90° E. The S. S. *Laisang* which was in the southeastern quadrant of the storm probably changed her course again; for she experienced S winds of gale force at 21 hrs. of the 4th and SSW winds of force 10-11, with high confused sea and swell, from 3 hrs. to 13 hrs. of the 5th; the vessel is estimated to have been about 80 miles from the centre all this time. Then she steamed away to the south and winds decreased to force 6 at 18 hrs.

At Sandheads to the northwest of the storm the wind and sea were as follows:—

Date.	Hour.	Wind Direction.	Wind Velocity m.p.h.	Sea.
4th	14	NE	25	
	17	NE	35	Rough.
	20	NE	45	Very Rough.
	23	NNE	65	Very Rough.
5th	5	N	65	Very Rough.
	8	N		Rough.
	11	NNW	45	

The wind remained NNW, about 35 miles per hour, during the rest of the day of the 5th. From 23 hrs. of the 4th to 8 hrs. of the 5th the storm centre was about 100 miles from Sandheads and moving in a northeasterly direction.

Meanwhile the B. I. Steamer "Okara," a singlescrew vessel of 5,300 tons, was in difficulties in the storm area. She had left the Sandheads for Rangoon at 3-45 A.M. of the 3rd, her speed being 7 knots. She must have been gripped in the northeast quadrant (the most dangerous quadrant for cyclones moving northwards in the Bay) by the early morning of the 4th. At 11 A.M. that day she wirelessed to Calcutta: "Arrival Rangoon indefinitely delayed by cyclone; hove to 19° N, 90° E; all well." At 11 hrs. on the 5th she estimated her position to be 19·10 N, 90·55 E and reported a S wind of force 9 with squalls of hurricane force and wind veering to westward. At 18 hrs. she was "making very bad weather; hatches going. Am trying to run her out of it now as last resource. Wind on starboard bow SW. Making water quickly in number 4 hold". At 20½ hrs. the ship was making better weather and the commander thought he was gaining with his pumps on the water in the hold. At 21-36 she sent out S. O. S. signals and there can be little doubt that she sank soon afterwards.

At 20 hrs. on the 5th the storm centre was in 21° N, 91° E and at 8 hrs. next morning close to the Cox's Bazar coast. The S. S. *Chinkoa* which had throughout the 4th been manœuvering off the south Arakan coast in an attempt to avoid the inner storm area, headed north after midnight and at 4 hrs. of the 5th was experiencing strong gales and continual squalls with heavy following sea and swell; the weather getting worse, she turned towards the southwest, but found no improvement; at 9 hrs. the gale was increasing in force and tremendous seas were running. She was judged at this time to be about 80 miles westsouthwest of Kyaukpyu and Captain F. Johnson who wished to avoid being caught near the Terribles then decided to head his ship northwest, hoping to cross into shallow water in the less dangerous half of the storm. But as the storm was now moving eastnortheast towards the Cox's Bazar coast the steamer was drawn right into the centre. At 20 hrs. the squalls were of hurricane force, the sea tremendous and the vessel was rolling dangerously. While she was in this plight and trying to lessen the waves with 12 bags of oil she received at 21 hrs.

the S. O. S. from the ill-fated "Okara"; only 10 minutes later she had all the superstructure to bridge and deck outside the Captain's cabin, together with the mast head lights, blown away. The wind and sea increased further and were so terrific that at midnight it was dangerous to try and stand on the bridge; the crew while on deck had to lie down and hang on to the rails. The weather was even worse from 1 hr. to 3 hrs. 20 m. of the 6th and they were unable to see anything in front of the bridge. After a terrific parting squall the vessel entered the calm centre at 3 h. 30 m. In the words of the Captain, "Suddenly the wind ceased and there was a death-like hush and you could hear the wind in the distance. The sky suddenly opened up in a large circle with white clouds and lightning playing incessantly and numerous birds falling on deck. My attention was at once drawn to the colour of the sea which resembled yellow mud; on taking soundings I got 32 fathoms and at once took another cast and got 26 fathoms. I then noticed that all my tarpaulins and hatches were gone. As soon as the centre was on us the sea fell considerably and there was a very confused swell. I then headed the ship west; at 4 h. 5 m. the wind (from a northerly direction) struck the ship with terrific force and put her on her beam ends for about 15 seconds; at 4 h. 10 m. with wind from NW., we paid off to WSW; at 4 h. 15 m. wind from W, we paid off to SW; the wind from 4 h. 8 m. to 5 A.M. was terrific; at 5 A.M. there was tremendous confused sea and the wind was of hurricane force, barometer 28·53″, soundings 60 fathoms. At 8 A.M. weather moderating, barometer 29·31″; and at noon weather improving, squally at times."

The calm centre lasted for 35 minutes and as the storm was travelling at 7½ miles an hour, a rate of motion which it maintained throughout, the diameter of the calm centre was probably about 7 miles (ship's motion being allowed for). The lowest pressure recorded was 28·02″ or nearly 1·8″ below normal. The readings recorded on board the S. S. *Chinkoa* on the 5th and 6th are plotted in Plate 2; this indicates that the inner cone of steep fall and rise of pressure had a diameter of 100 miles.

At 3½ hrs. on the morning of the 6th May the centre of the storm was between 30 and 40 miles off the Cox's Bazar coast. This conclusion towards which the remainder of a considerable mass of evidence indubitably points is not in agreement with the statement of the Captain of the S. S. *Chinkoa* who certainly passed through the central area at that time, but estimates his position then to have been 21° 29′ N, 89° 36′ E, *i. e.*, 160 miles from the point at which the storm crossed the coast some six hours later. The S. S. *Chinkoa* had presumably to depend on 'dead reckoning' for estimates of position on the 4th, 5th and 6th May; and the current and hurricane winds appear to have driven her 100 miles E of her dead reckoning. A similar want of position is indicated by the Captain of the S. S. *Angora* who stated that he himself was 25 miles ESE of his reckoned position. It may be recalled that in the Arabian Sea cyclone, 3rd-8th November 1919, the S. S. *Zayani* was carried between noon on November 5th and the afternoon of November 7th about 200 miles NW of her dead reckoning.

The storm centre crossed the coast about 25 miles south of Cox's Bazar at 9 hrs. of the 6th. At Cox's Bazar the wind steadily backed that morning from SSE to NE and increased in force until it reached its climax at 9 hrs.; from that hour to noon there was a hard gale from NW, which did considerable damage to houses including the court building. The wind backed to W and weakened in the afternoon and the storm ceased at midnight. The lowest pressure recorded at Cox's Bazar was 28·68″ or 1·1″ below normal. In the area to the north of the track of the centre, comprising the 'Police Stations' of Cox's Bazar, Ramu and Okhia, the damage to kutcha houses was considerable, but was not so serious as in the region to the south of the track.

The country which lies immediately to the south on the Bengal side of the Naaf estuary is a narrow peninsula mostly forest; but there is a considerable area under cultivation to the south and east of the forest. In this area (the Teknaf Police Station) kutcha houses were mostly blown down or unroofed and an abnormal rise of tide swept away large numbers of cattle and damaged embankments of fields. Three persons were reported to have lost their lives and the cattle lost were estimated at 3,000. The District Engineer considered Rs. 47,000 to be necessary for relief work in this area. In the whole of the Chittagong District it was estimated that about 25,000 people had been rendered homeless. On the Chittagong coast one sailing vessel stranded and a Port Commissioners' light ship suffered slight damage.

On the Burma side of the Naaf estuary lie the townships of Buthidaung and Maungdaw. In Maungdaw town the storm was most severe from 10 to 14 hrs., all the damage being done by the W wind; the total duration of the storm was eight hours and practically the whole town is reported to have been destroyed, only six private houses escaping damage. Government and public buildings were partly destroyed; telegraph posts were blown down; sixteen miles of a light railway belonging to a local company were completely washed away. The villages in the township also suffered considerable damage and three lives were lost. In Buthidaung township which lies further inland but more to the north, the storm continued till the night of the 6th and did considerable damage to houses and trees; in the town of Buthidaung the hospital and the court house and a great many of the private houses suffered damage. The majority of the people at head-quarters and in the interior were rendered homeless, and both railway and telegraphic communications were cut off.

In Akyab harbour the wind blew from ESE with almost hurricane force, but apart from damage to native craft amounting to Rs. 1,000, the port escaped all hurt.

Area of the storm.

Judging from the winds experienced by the Pilot brig at Sandheads and the S. S. *Laisang*, the diameter of the storm area where winds of gale force or more were experienced was more than 200 miles on the 4th and 5th. Even on the morning of the 6th there was not much decrease in the storm area as winds of force 10-11 were experienced as far south as Akyab; but to the north strong winds do not appear (as is usual) to have extended very far. The region of storm winds which caused the damage on land had a diameter of about 80 miles.

The storm borke up on the Arakan Hills during the day of the 6th.

5. *Depression of 4th to 8th July.*—This formed over Chota Nagpur on the 4th and stimulated the activity of the monsoon in deltaic Bengal. It moved in a westnorthwesterly direction and caused locally heavy rain in Central India East and the adjacent parts of the Central Provinces on the 6th. On the morning of the 7th when it lay in the neighbourhood of Saugor, its barometric depth was a fifth of an inch, or twice its original depth. Thence it advanced into north Rajputana and after giving some heavy rain in the southeast Punjab disappeared on the 8th.

6. *Depression of 19th to 21st July.*—The trough of low pressure projected into the north of the Bay on the 18th, and in this a depression developed during the day. It crossed the south Orissa and Ganjam coast on the 20th and strengthened the Arabian Sea monsoon in the north of the Peninsula; some heavy falls were recorded in north Hyderabad, Parbhani reporting 7″. The depression lay over the Central Provinces on the morning of the 21st and disappeared during the day without producing any fruther concentration of heavy rain.

7. *Depression of 28th July to 1st August.*—Following a strong monsoon and continuous heavy rain on the Arakan and Chittagong coasts between the 24th and 27th a depression developed over deltaic Bengal on the 28th. Thence it advanced westwards over Chota Nagpur and Central India East, giving heavy rain immediately to the south of its track. On the 1st August, by which time it had weakened, it reached Rajputana and filled up. The heaviness of the rain on the Arakan and Chittagong coasts towards the end of July is illustrated by the totals of 29″ at Cox's Bazar, 23″ at Chittagong and 31″ at Kyaukpyu for the week ending on the 30th; while at Akyab the amount recorded in the last eleven days totalled 62″ or 7″ above the normal fall for the whole month. Of the falls along the track of the depression the following are worth mentioning: 11½″ at Mungaoli in Gwalior on the 29th, 15½″ at Pachmarhi on the 29th and 30th, and 11½″ at Chipabarod in Kotah on the latter date.

8. *Depression of 3rd to 8th August.*—This formed over deltaic Bengal on the 3rd August and intensified without appreciable motion till the 5th, when it was 0·2″ deep. After giving moderately heavy rain along the sea board it rapidly moved to Central India on the 6th and disappeared in the neighbourhood of Jhansi on the 8th. Locally heavy rain fell along its track, the largest amount in 24 hours being 9·50″ at Joura in Gwalior on the 6th.

9. *Depression of 10th to 13th August.*—This formed off the Chittagong coast on the 10th and moving westwards lay in the neighbourhood of Saugor Island next morning, when it was 0·2″ deep. It crossed the Orissa coast during the day and disappeared over the north of the Central Provinces on the 13th, without producing any concentration of heavy rain.

10. *Depression of 15th to 19th August.*—Weather was slightly unsettled at the head of the Bay and a strong monsoon was blowing to the south of it on the 13th and 14th; the S. S. *Marienfels* bound from Rangoon to Calcutta experienced winds of force 7 to 8 off the Arakan coast as far north as latitude 18° N on the 12th and 13th, while on the 14th the S. S. *Cocanada* reported stormy winds near 16½° N, 91½° E. By the morning of the 15th the unsettled conditions developed into a depression to the southeast of Saugor Island. The depression crossed the coast during the day, moved to the neighbourhood of Burdwan on the 16th and lay over Chota Nagpur next morning. Remaining almost stationary in this position for two days it disappeared on the 19th. Heavy rain fell locally in southwest Bengal, Chota Nagpur, Orissa and the northeast of the Central Provinces. The continuous rainfall in Chota Nagpur caused unprecedented floods in the Sone river on the 19th; these coupled with the abnormal floods in the Ganges and the Gogra submerged more than 100 square miles of low-lying country in the neighbourhood of the junction of the rivers and resulted in great loss of crops, cattle and houses.

11. *Depression of 20th to 26th August.*—Hardly had the previous depression disappreared over Chota Nagpur on the 19th, when another began to form at the head of the Bay. This attained a barometric depth of about ¼″ by the morning of the 22nd, but the winds associated with it were weak for no steamer in the north of the Bay recorded winds of more than force 6. The depression moved in a westnorthwesterly direction and gave heavy rain in Chota Nagpur, several stations recording 5″ to 6″ in the 24 hours ending 8 hrs. of the 23rd. From Chota Nagpur it passed to the north of the Central Provinces, giving locally heavy rain to the south of its track, and lay on the morning of the 26th in the neighbourhood of Saugor, where it filled up during the day. The rainfall was heaviest in the Mandla district, where Marpha recorded 9·70″ and Mandla 8·07″ on the morning of the 25th; 9·20″ was recorded at Sultanpur (Bhopal Agency) the same day.

12. *Depression of 14th to 25th September.*—A depression formed near the centre of the Bay on the 14th and lay off the north Madras coast on the morning of the 16th. Thence it advanced in a westnorthwesterly direction over the south of the Central Provinces, causing widespread rain in the north of the Peninsula, and lay over the north Bombay Deccan and Central India West on the 20th. The indraught of monsoon winds in the southwestern quadrant striking against the western ghats produced exceptionally heavy rain in the Thana and Kolaba districts of the Konkan that day; the average fall over the Thana district was 7·6″ and over Kolaba 5·7″; in the Bombay Island the average of the four raingauges was 13·3″, the largest amount recorded being 17·2″ at the J. J. Hospital. The depression then changed its course to a northerly direction and caused heavy rain over nearly the whole of the United Provinces between the 20th and 22nd. In the 48 hours ending with 8 hrs. of the 23rd the districts, Pilibhit, Kheri and Shahjahanpur had an average of about 11 inches; falls exceeding 10″ in 24 hours were Pawayan (Shahjahanpur) 10·56″, Puranpur (Pilibhit) 11·49″ and Salon (Rae Bareli) 10·10 on the 21st; Khutar (Shahjahanpur) 11·00″ and Muhamdi (Kheri) 11·31″ on the 22nd. On the 23rd the depression coalesced with a western depression over Rajputana and then passing eastwards disappeared over the east of the United Provinces on the 25th.

13. *Depression of 25th September to 1st October.*—Weather became unsettled off the north Madras coast, where a

feeble depression formed on the 25th. Next day conditions became unsettled also in the Andaman Sea and off the Arakan coast, and these coalesced with the depression, which became well-marked with centre near 17° N, 86° E by the morning of the 28th. It advanced then in a northwesterly direction and crossing the Ganjam coast lay in the neighbourhood of Jubbulpore on the morning of the 30th. Shifting slightly eastwards in the next twenty-four hours it disappeared over the northeast of the Central Provinces on the 1st October. The associated rainfall was widespread in the northern half of the Peninsula, the central parts of the country and the United Provinces. In the last mentioned division heavy rain fell in some of the districts and, combined with the heavy rain of the previous depression, gave rise to high floods in the Gumti, which inundated Lucknow and the surrounding villages, causing considerable damage to houses and property and some loss of life. The largest amount in 24 hours was 13·15″ recorded at 8 hrs. of the 30th September at Maudaha (Hamirpur).

14. *Slight storm of 27th to 30th October.*—Unsettled conditions appeared in the southwest of the Bay and developed into a depression, which was centred about 130 miles east of Trincomalee on the morning of the 27th. The depression advanced parallel to the coast line and intensified into a storm in the course of the day; the S. S. *Tysla* proceeding from Colombo to Madras, noon position 10° 28′ N, 81° 01′ E, reported a gale from ENE and rough sea with long low swell from 16 hrs. to idnight. The centre of the storm was about 150 miles east of Negapatam at 20 hrs. that day, and lay about 120 miles southeast of Madras next morning. As the departure of pressure at Madras was then 0·2″, it is probable that the pressure at the centre was at least 0·3″ in defect. The S. S. *Tysla* nearing Madras reported at 8 hrs. variable winds of gale force, continuous rain and rough sea with long low swell, although at 4 hrs., when she was nearer the centre, she had experienced only a moderate breeze, as had also the S. S. *City of London*, which was only about 80 miles southwest of the centre. The S. S. *Homayun* bound from Calcutta to Bombay over 150 miles away on the eastern quadrant experienced S winds of force 6 to 7 with occasional squalls. The strong winds were therefore confined to the eastern and northern quadrants where gradients were steep and there was no inner core of stormy winds round the centre.

Travelling northwards the storm was centred about 150 miles due east of Nellore on the morning of the 29th, but it seems to have weakened, for the S. S. *City of London* about 120 miles east of the centre reported only a moderate SE wind with rough sea and passing rain squalls. It weakened further during the day and was only a depression off Cocanada next morning, and after a further slight northward movement disappeared on the 31st.

The rainfall associated with the depression began on the south Coromandel coast on the 26th, and advanced northwards with the storm, reaching Orissa, Chota Nagpur and the Central Provinces on the 29th-30th. The falls were very heavy along the coast line, the chief amounts being Avanigadda (Kistna) 9·30″ and Mummidivaram (Godavari) 9·47″ on the 28th; Salur (Vizagapatam) 9·63″ and Gopalpur (Ganjam) 11·09″ on the 29th.

An idea of the widespread character of the heavy rain may be gathered from the average rainfall in the coastal districts: these were, Tanjore 2·70″, south Arcot 4·35″, Chingleput 4·56″ and Nellore 2·84″ on the 27th; Nellore 3·59″, Guntur 4·63″, Kistna 3·87″, Godavari 5·88″ on the 28th; and Vizagapatam 5·35″ and Ganjam 4·62″ on the 29th.

15. *Cyclone of the 10th to 20th November.*—Unsettled conditions which appeared to the south of the Andaman Sea on the 6th passed westwards and formed on the morning of the 8th into a depression to the southsouthwest of the islands. A strong monsoon was blowing to the east of the depression and moderately heavy rain fell in the Andaman and Nicobar Islands in the next two days, Car Nicobar recording 3″ on the 8th. By the morning of the 10th the depression had probably developed into a storm with centre near 10° N, 90° E; but no observations are available near the centre to give definite information on this point. Moving thence in a west-north westerly direction the storm lay near 10½° N, 88° E at 8 hrs. of the 11th. There were four steamers at distances of 200 to 250 miles to the northwest of the centre and their experiences were as follows:—

S. S. *Matheran*—bound north to Calcutta: noon position 13° 12′ N, 85° 12′ E, strong northerly breeze from 8 hrs., moderate sea in the forenoon and rough sea in the afternoon.

S. S. *Ethiopia*—bound from Rangoon to Madras: noon position 14° 00′ N, 85° 26′ E, moderate to strong breeze from N E or N from 8 to 20 hrs; moderate to rough sea and heavy swell.

S. S. *Warialda*—bound from Chittagong to Colombo: noon position 13° 27′ N, 86° 7′ E, (D. R); strong N by E breeze, considerable to rough sea and overcast till noon. Wind backed to NNW in the afternoon, with heavy sea from NNE and rain.

S. S. *Beme*—fresh NE by N breeze, moderate to rough sea.

The strong monsoon to the southeast of the storm is indicated by the experiences of the S. S. *Caledonia* (noon position 6° N, 91° E), and the S. S. *Malacca Maru* (noon position 6° N, 92½° E) bound from Singapore to Bombay. They reported strong SW winds rising to a gale, rough to high seas and heavy rain squalls.

On the morning of the 12th the centre of the storm was near 10½° N, 86½° E, and its direction of motion was becoming northwesterly. The following are extracts from logs of steamers in the neighbourhood.

S. S. *Warialda*—noon position 10° 31′ N, 84° 14′ E: strong gale from 4 hrs. to 16 hrs. backing from NW by N to NW by W, heavy confused sea and continuous rain with frequent rain squalls; then moderate gale, heavy confused sea with occasional squalls.

S. S. *Riverway*—bound north to Calcutta; strong to high northerly wind, rough confused sea, light rain in the forenoon and continuous rain in the afternoon.

S. S. *Kasenga*—bound from Calcutta to Colombo.

Date.	Time.	Position.	Barometer.	Wind. Direction.	Wind. Force.	Remarks.
		° ′	″			
12th .	8	..	29·46	NNW	6	Heavy squalls of wind and rain. Overcast and misty. Heavy sea; vessel rolling and straining and shipping water fore and aft.
,, .	11	..	29·49	NW	7	Heavy sea.
,, .	Noon	12 07 N 84 18 E	29·43	NW	7	Ship's head S21° W; frequent heavy wind and rain squalls. Heavily overcast and misty; heavy sea; vessel rolling heavily, labouring and straining, and shipping heavy water fore and aft.
,, .	14	..	29·39	NW	..	Wind increasing; continuous heavy rain.
,, .	16	..	29·33	NW	10	Fierce squalls and continuous heavy rain; misty heavy confused sea; vessel labouring and straining heavily and shipping heavy water fore and aft.
,, .	17	..	..	..	..	Altered course to south.
,, .	18	..	29·34	WNW	10	Heavy confused sea.
,, .	20	..	29·40	W by N	9-10	Fierce wind and rain squalls; heavy sea; vessel rolling heavily labouring and straining; decks continually flooded fore and aft with heavy water; overcast and misty.
,, .	22	..	29·42	W by N	9	Heavy sea.
,, .	mid-night.	Approx. 10 20 N 84 10 E	29·41	W by N	9	Ship's head south; fierce wind and rain squalls; heavy sea; vessel rolling heavily, labouring and straining, and shipping heavy water continually fore and aft.
13th .	2	..	29·38	W by N	..	Wind moderating slightly; altered course to S35° W.
,, .	4	..	29·40	W by N	7-8	Heavy squalls at intervals; heavy sea; vessel rolling, labouring and straining, and shipping heavy water fore and aft; overcast.
,, .	7	..	29·47	W	7	
,, .	8	..	2[illegible]·50	W	7	Wind and rain squalls at intervals; heavy sea; overcast.

S. S. *Matheran* (noon position 16° 25′ N, 86° 36′ E) on her way to Calcutta continued to have strong NNE winds with rough seas, while the S. S. *Graciana* bound from Calcutta to Bombay (noon position 16° 21′ N, 86° 14′ E) experienced strong NNE winds with rough head sea rising to high wind and heavy sea at midnight. The S. S. *Caledonia* and the S. S. *Malacca Maru* proceeding to Colombo continued to experience high westerly winds, rough seas and rain squalls. Rainfall had also extended over the whole of the south Burma coast.

On the morning of the 13th the storm was centred near 11½° N, 84½° E. The S. S. *Graciana* passed close to the centre between 18-30 and 20 hrs., and her log is given below for the period noon 13th to noon 14th. Her position is given at 20 hrs. as 11° 16′ N, 83° 57′ E, but some doubt is thrown on the accuracy of this figure by the position of the steamer on the previous and subsequent noons. Judging from her speed on the two previous days it seems unlikely that she covered more than about 1° of latitude between noon and 20 hrs. of 13th; hence the position was probably 12° 16′ N, 83° 57′ E.

S. S. *Graciana*—bound south.

Date.	Time.	Position.	Barometer.	Wind. Direction.	Wind. Force.	Remarks.
		° ′	″			
13th .	noon	13 15 N 84 28 E	29·42	E by N	8	Heavy squalls, sky heavily overcast; large quantities of fractostrata low lying and travelling at a great speed; sea becoming more confused, swell NE. Wind and sea rapidly increasing to gale force.
,, .	16	..	29·30	NE by E	9	Sky densely overcast, frequent heavy squalls with torrential rain, visibility small. Sea high and dangerous, becoming more confused swell decreased from NE.
	18·30	..	29·30	N	8	Sea heavily confused and dangerous; sky broke with patches of clear blue, fractostrata low lying and scurrying; increasing swell from NE, diminished seas running in all directions.
,, .	20	11 16 N 83 57 E	29·39	..	upto 11	Vessel evidently passed over centre of storm. Wind backed through N to WSW in heavy squalls; sky totally overcast; squalls attaining hurricane force. Continuous torrential rain; visibility *nil*. Sea dangerously confused; vivid lightning.
,, .	Mid-night	..	29·38	WSW	10	Wind and sea slightly decreased, sea more regular from SW, high and dangerous; terrific heavy wind, and rain squalls becoming less frequent. Continuous lightning over the WSW horizon.
14th .	4	..	29·43	SW by W	7	Steady wind from SW by W; sky began to break in places and forming nimbus clouds with high stratus clouds; fractostrata gradually clearing up. Sea regular from WSW, force 8, swell from SSW.
,, .	8	..	29·58	SW	7	Sky heavily overcast with occasional breaks; sea WSW force 7.
,, .	noon	11 29 N 83 31 E	29·60	SW	7	Sky heavily overcast with intervals of heavy rain; low lying strato cumulus visibility good. Resumed full speed and course.

No damage was done to the ship.

The experiences of other ships in the neighbourhood were :—

S. S. *Riverway*—noon position 14° 36′ N, 84° 36′ E. Fresh to strong NE or ENE winds with rough confused sea.

S. S. *Andijk*—noon position 13° 33′ N, 82° 35′ E; bound from Madras to Rangoon: high N to NE winds.

S. S. *City of Simla*—noon position 11° 00′ N, 84° 10′ E; strong winds backing from W to S; high beam sea in the forenoon, moderating in the afternoon.

Moderately heavy rain fell on the south Coromandel coast this day, and next morning (14th) the storm was centred near 13° N, 83° E. The steamers in the neighbourhood were :—

S. S. *Graciana*—noon position 11° 29′ N, 83° 31′ E; continued to have strong SSW wind and high head sea in the afternoon.

S. S. *Gurna*—noon position 15° 29′ N, 82° 23′ E; strong NE wind veering to SE at midnight, rough sea, overcast with occasional showers.

S. S. *Andijk*—noon position 15° 09′ N, 84° 32′ E; strong E winds in the forenoon and SSE winds afterwards.

S. S. *City of Simla*—noon position 15° 31′ N, 86° 10′ E, bound north to Calcutta; moderate SE wind and moderate sea.

S. S. *Sardinia*—noon position 15° 26′ N, 85° 44′ E; bound from Calcutta to Colombo: fresh breeze veering from E by N to S; high southerly sea and swell and occasional rain squalls.

S. S. *Defender*—near 13½° N. 85° E; reported a strong S breeze at 3½ hrs. 14th.

Curving to the north the storm lay in the neighbourhood of 15° N, 82° E at 8 hrs. of the 15th. The S. S. *Gurna*, the only steamer near the centre (noon position, 14° 57′ N, 83° 08′ E) experienced strong wind, SE in the forenoon veering to SW in the afternoon, and high confused sea, with continuous rain squalls in the early hours of the morning. The S. S. *Sardinia*, noon position 11° 51′ N, 84° 20′ E, had till 16 hrs. fresh to strong S to SSW winds, confused SW sea and swell. On the coast rainfall had extended northwards as far as Gopalpur and was heavy in the Kistna district, 7½″ being recorded at Penukonda.

On the morning of the 16th the storm centre was about 60 miles southeast of Cocanada where in the previous 24 hrs., 11″ of rain had fallen. The S. S. *Cocanada* proceeding from Calingapatam to Cocanada experienced on the 15th strong winds, rough sea and frequent heavy rain squalls; the weather got steadily worse as the day advanced till at 4 hrs. 16th she reported hurricane winds, rough sea, heavy swell and intermittent fierce rain squalls. Throughout the 16th she experienced similar weather with torrential rain and it was only in the early hours of the 17th that the weather moderated, but she continued to experience strong winds almost throughout the whole of that day.

On the morning of the 17th, the centre of the storm was about 50 miles south of Waltair; and moving in a northnorth-easterly direction, passed close to the station between 20 and 24 hrs. that night. It crossed the coast to the north of Waltair and did extensive damage to property in the neighbourhood of its track. It then travelled parallel to the coast weakening at the same time and was on the morning of the 19th entering Orissa. Thence it passed into the northwest angle of the Bay as a residual depression which travelled northeastwards and disappeared after giving some rain on the Chittagong coast next day.

The following account of the damage done by the storm on the north Madras coast is extracted from the reports given by the Collectors and Port Officers.

Cocanada.—The port experienced severe weather, but no damage was done to shipping or buildings. The standing crops in the delta were in most places submerged, but no damage resulted as the crops were ripe for harvest.

Vizagapatam.—The storm passed close to the station in the evening of the 17th. The wind began to rise at 10 hrs. was very strong at 14 hrs. and rose to a hurricane at 20 hrs., when the barometer which had been falling steadily since the early hours of the morning read 29·13″ or ·81″ below normal. The wind continued unabated till 3 hrs. of the 18th, the direction being from NE till midnight and then backing to NW. Branches of trees, tiles from houses and even iron sheets from roofs were flying in the air. The sea was very rough and the surf was rising "in mountains." Owing to the heavy rain the waters in the backwaters began to rise and soon the low lying parts of the town were flooded. In Vizagapatam most of the poorer houses, and in Waltair almost all, collapsed resulting in some loss of life.

Calingapatam.—Pressure fell to 29·38″ at 5 hrs. of the 18th after which it could not be read; the storm passed away at 14 hrs. after blowing down several houses. The water was hip deep owing to floods in the Vamsadhara.

Gopalpur.—Heavy rain commenced on the evening of the 17th and a total of 20″ was recorded in the next 24 hrs. The severity of the storm was experienced between 17 hrs. and 20 hrs. of the 18th, when the sea became boisterous. A few houses in the town collapsed, but no serious damage occurred to structures or shipping.

Puri.—The wind began to rise after 16 hrs. on the 18th and at 18 hrs. the sea was tremendous with foam and the velocity of the wind was about 60 miles an hour. The wind moderated after this, but from 23 hrs. to till after midnight, the wind from the SSE blew as hard as on the previous evening. Some damage was caused to thatched houses and many trees were uprooted. The S. S. *Warora* which put out to sea from Puri at 18 hrs reported strong winds with torrential rain, the heaviest rain occurring between 22 hrs. and midnight.

Very heavy rain fell all along the north Madras coast, the intensity of the rain decreasing inland. The figures for a few stations are given below to illustrate the heavy falls recorded :—

Total 15th to 17th (three days).				Total 17th and 18th (two days).	
Godavari.		**Vizagapatam.**		**Ganjam.**	
Razole	16″	Polavarama	29″	Gopalpur	20″
Amalapur	15″	Waltair	19″	Berhampur	23″
Mummidivaram	15″	Bimlipatam	21″	Ichhapuram	26″
Cocanada	16″	Konada	24″		
		Anakapalli	18″		
		Vizianagram	17″		

Such heavy rainfall resulted in very extensive damage to the railway lines and roads; and telegraph communication was also interrupted for a short time.

The available evidence points to the fact that the storm was a concentrated one of smallish diameter. The S. S.

Kasenga which passed through the storm on the 12th-13th, experienced winds of gale force and above between 14 hrs. 12th and 4 hrs. 13th; judging from the speed of the vessel the diameter of the storm was not more than 150 miles on that day. The S. S. *Graciana*, which passed through the centre on the evening of the 13th indicates a diameter of 120 miles. On the morning of the 14th the winds reported at a distance of about 100 miles to the southeast of the centre did not rise above force 7, and on the 16th the S. S. *Gurna* although about 80 miles from the centre experienced only a high wind. On the 17th only a strong wind was reported at Cocanada with the centre at a distance of about 70 miles, while similar conditions occurred at Vizagapatam with the centre probably about 50 miles away. At this station the winds were very strong from 14 hrs. 17th to 3 hrs. 18th, and judging from the rate of motion of the storm its diameter was about 60 miles while passing over the station. Thus although the diameter was probably about 150 miles at the beginning, it appears to have decreased to less than 100 miles by the 14th and was only 60 miles while passing over Waltair.

The rate of motion of the storm was 100 miles a day on the 10th and 11th, but increased and was about 150 miles a day in the next three days. The storm slowed down on approaching the coast and moved only at 100 miles a day between the 15th and 19th. With its weakening on the 19th the rate of motion increased till it disappeared off Chittagong.

16. *Severe storm of 18th to 22nd December in the Arabian Sea.*—A low pressure area formed in the south of the Bay on the 12th December, and with its advance westwards rainfall increased in Ceylon and southeast Madras. It appears to have passed over Ceylon on the 15th as a small depression, which lay over the Gulf of Manaar on the morning of the 16th; and very heavy rain fell in the extreme southeast of Madras on the 15th, Tanjore district receiving 4·83″ and Tinnevelly district 4·10″. Heavy rainfall continued in the Tinnevelly district on the 16th and 5·04″ were recorded; the normal fall of the month in this district is only 4·11″. All the tanks in an area about 40 miles in breadth were breached and the river Tambraparni rose in high flood, causing serious breaches on the railway line and interrupting all communications. The flood reached its maximum at 9 hrs. of the 17th, being then 31 feet at Tinnevelly bridge or 4 feet above the previous record of nearly fifty years ago. All the villages on the banks of the river were inundated and in Tinnevelly town the water was running ten feet deep in some of the streets. There was extensive damage to house property and moveables in all the taluks affected, but comparatively little loss of life. From the Gulf of Manaar the depression travelled westwards into the Arabian Sea where it developed into a small but moderately severe storm.

On the 17th it passed to the south of Minicoy and on the morning of the 18th the centre was near 7½° N, 70° E. The S. S. *Lauterfels* passed at a distance of about 100 miles to the north of the centre that morning and experienced only a moderate breeze, which, however, developed into a strong to high wind in the afternoon, indicating that the depression developed into a storm during the day. At 8 hrs. of the 19th the centre was near 8½° N, 68° E, and extracts from the logs of the S. S. *City of Dunkirk* which passed close to and to the south of the centre in the early hours of the morning and of the S. S. *Clan Stuart* which encountered the storm on the night of the 19th are given below.

S. S. *City of Dunkirk.*

Date.	Hour.	Position.	Barometer.	Wind. Direction.	Wind. Force.	Remarks.
		° ′	″			
18th .	Noon	9 22 N 66 19 E	30·00	N	6	Moderate NE swell; overcast; thunder.
,, .	16	..	29·90	Var.	2-6	Moderate sea overcast. Fierce squalls of wind and rain.
,, .	20	..	29·91	NE	7	Rough sea; continuous rain. Passing squalls of gale force.
19th .	Mid-night.	..	29·66	N	7	Rough sea. Heavy squalls.
,, .	2	..	29·41	N	8	
,, .	4	..	29·48	SW	9	Heavy sea; continuous rain.
,, .	6	..	29·56	..	..	
,, .	8	..	29·68	WNW	10	High mountainous sea. Continuous heavy rain.
,, .	Noon	8 27 N 68 40 E	29·86	SW	6	High sea. Frequent rain squalls.

S. S. *Clan Stuart.*

Date.	Hour.	Position.	Barometer.	Wind. Direction.	Wind. Force.	Remarks.
		° ′	″			
19th .	Noon	9 35 N 64 37 E	29·69	N	4-5	Moderate sea; dull; cloudy.
,, .	16	..	29·60	NW by W	8-10	Heavy sea and confused swell. Heavy squalls; overcast.
,, .	20	..	29·50	NNW	7-8	Heavy sea and swell; dull. Frequent rain squalls.
20th .	Mid-night.	..	29·24	N by W	10-12	Hurricane squalls; continuous rain. High rough and confused sea; dull and overcast.
,, .	2	..	29·08			
,, .	4	..	29·33	WNW	10	Heavy violent squalls; high sea and swell.
,, .	8	..	29·62	S	6	High confused sea; dull; overcast; rain.
,, .	Noon	8 37 N 66 38 E	29·66	S	4	Moderate sea; frequent heavy rain squalls; dull and overcast to cloudy.

The S. S. *City of Dunkirk* did about 180 miles between noon 18th and noon 19th, and the diameter of the storm judging from the area in which winds of gale force or over were experienced was probably 60 miles. The S. S. *Clan Stuart* covered about 224 miles from noon 19th to noon 20th but on a more varying course and her experiences would indicate a diameter of about 80 miles.

On the morning of the 20th the storm was centred near 10° N, 65° E, and in the early hours of the morning it was encountered by the S. S. *Polyphemus*, which at 3 hrs. reported hurricane winds, very rough sea and conspicuous confused swell. Next morning the centre of the storm was near 10° N, 63° E, and during the day the S. S. *Mathura*

passed to the north of it and reported winds of gale force in the morning while in the evening when in the eastern quadrant she reported winds of storm force, very rough sea and conspicuous southerly swell. On the morning of the 22nd the storm was probably near 10° N, 61° E, and weakening; it probably disappeared during the day, for no further information is available of its existence.

It appears from the above that the depression passed from the Bay over Ceylon into the Arabian Sea, but did not develop into a storm until it was well out in the Arabian Sea on the 18th, and that it continued to be a storm till the 22nd. Its rate of motion appears to have been about 200 miles or over after it passed out of the Gulf of Manaar, but progressively decreased as it advanced westwards; thus between the 18th and 20th it was about 170 miles a day, but had gone down to 140 miles in the next two days. None of the steamers passed through the calm centre, but in both of the S. S. *Clan Stuart* and the S. S. *City of Dunkirk* there was a fall in pressure of about half an inch from the region in which high winds were experienced to the point of their nearest approach to the centre. The actual lowest pressures recorded by these steamers, when corrected to the Calcutta standard, are about ·75″ below the normal value of pressure in that region.

17. *Slight storm of 22nd-23rd December.*—With the passage westwards of the previous depression from the Gulf of Manaar on the 16th, rainfall almost disappeared from the island of Ceylon, but by the morning of the 19th there were distinct indications of the formation of another depression. The S. S. *Argun Maru* proceeding from Singapore to Colombo experienced a rough sea and squally weather on the afternoon of the 18th, (noon position 6° 14′ N, 87° 17′ E,) and high wind and sea with rainy weather that night; next day, noon position 5° 59′ N, 83° 07′ E, she reported a high wind and sea in the afternoon, the wind rising to a NW gale at 20 hrs., when the steamer was to the eastsoutheast of Hambantota. Rainfall commenced on the east coast of Ceylon that day, Trincomalee recording 2″ by the morning of the 20th. The depression was then still to the east of the island and at 13 hrs. the S. S. *Agamemnon* in 5° 10′ N, 79° 49′ E, reported a high NNW wind and high sea; rainfall increased and extended over the island, the amount recorded in the 24 hrs. ending 8 hrs. of the 21st mostly exceeding 1″ and being over 4″ at several stations. The depression centre was indicated near 7° N, 87° E, on the morning of the 21st, and heavy rain continued in northeast Ceylon where Batticalao received 7½″ and Trincomalee 3″ by the morning of the 22nd. The depression may have developed into a slight storm with centre near 8° N, 87° E, on the morning of the 22nd; for the S. S. *Lima Maru* bound from Singapore to Bombay, noon position 6° N, 87¾° E, experienced during the day strong to high winds veering from SW to WNW, rough sea and squally weather; the S. S. *City of Dunkirk* bound from Suez to Calcutta began to experience after rounding the south coast of Ceylon a strong NW breeze, rough sea and heavy N swell; and the S. S. *Leicestershire* reported at 20 hrs. that night near 9½° N, 86½° E strong wind, moderate sea with heavy confused swell and squally weather.

On the morning of the 23rd the storm was centred near 9½° N, 87° E: the S. S. *City of Dunkirk* continued to report a strong NW breeze with rough sea and passing rain squalls in the forenoon; the S. S. *Leicestershire* near 8½° N, 84½° E reported at 7 hrs. a moderate breeze, moderate sea with heavy confused swell and squally weather, while at 19 hrs. near 7½° N, 82½° E she had a strong wind, heavy swell and squally weather. The S. S. *Alpine Range*, noon position 12° 17′ N, 84° 33′ E experienced a high wind and sea from the early hours of the morning to noon when she had heavy continuous rain. The S. S. *Gogra* experienced from 20 hrs. 23rd (noon position 12° 50′ N, 86° 02′ E) to 8 hrs. 24th (noon position 13° 30′ N, 84° 33′ E) high wind, high sea and continuous heavy rain or heavy rain squalls.

By the morning of the 24th the storm had weakened again into a depression with centre near 11° N, 87° E; the S. S. *Badarpur* passing at a distance of about 120 miles from the centre in the southeastern quadrant reported only a moderate breeze and moderate confused sea. On the 25th the S. S. *Jalaveera* bound from Rangoon to Colombo (noon position 13° 28′ N, 91° 28′ E) experienced from 16 hrs. to midnight a fresh SSE breeze with rough sea and squally weather. The depression had then become a V-shaped disturbance, the nose of which extended towards the Arakan coast, and introduced unsettled weather into central Burma for three days.

Western Disturbances.

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

	January.	
1	5—6 . . .	A few light falls in Baluchistan and the North-West Frontier Province.
2	8—12. . .	Widespread rain from the northwest frontier to the west of the United Provinces, with a few falls in Rajputana and the central parts of the country.
3	14—15 . .	Light precipitation in parts of Kashmir and Baluchistan.
	January.	
4	17—21 . .	Widespread rain and snow in Baluchistan and the extreme north, with local rain in Sind and the northwest of the United Provinces.
5	23—26 . .	Rain or snow in north Baluchistan and Kashmir.
6	27—29 . .	Rain or snow in north Baluchistan and Kashmir, with a few falls in the North-West Frontier Province.
7	January 31st—February 3rd	Rain in Baluchistan, the north Punjab and the surrounding hills, and north Assam.

	February.	
8	6—11 . .	Widespread rain and snow in the Punjab and the surrounding mountains between the 6th and 8th, and nearly general rain from the east United Provinces to Assam on the 10th.
9	11—13 . .	Local rain and snow in the north Punjab and the surrounding hills, and widespreadand locally heavy rain in Orissa, deltaic Bengal and Assam.
10	13—17 . .	Rain from Baluchistan to Assam: heavy falls in the submontane districts of the Punjab and of the United Provinces, and in lower Bengal.
11	19—25 . .	Widespread rain from the northwest frontier to Assam: heavy falls locally in Bihar and Orissa.
12	27—28 . .	A few falls on the northwest frontier and in the north Punjab.
	March.	
13	1—2 . . .	A few falls along the northwest frontier.
14	4—7 . . .	Widespread rain from Baluchistan to Kashmir, with local falls in the northwest of the Peninsula and the central parts of the country.
15	13—17 . .	Widespread rain from northeast Baluchistan to Kashmir, including the submontane Punjab, with a few falls in Assam and north Burma.
16	19—22 . .	A few falls along the northwest frontier and in the Central Provinces.
17	27 . . .	A few falls in the North-West Frontier Province.
18	29—31 . .	A few falls in the extreme north.
	April.	
19	3—7 . . .	Widespread rain in north Baluchistan, the North-West Frontier Province, Kashmir and the Punjab, with a few falls in Gujarat. On the 7th Rawalpindi had 2″, while at Lahore 1½″ of rain fell in about half an hour causing some damage to property.
20	9—12 . .	Widespread rain in the Punjab and the surrounding hills, with a few falls in north Baluchistan; while passing eastwards it caused nearly general rain in Assam and parts of Bengal.
21	15—20 . .	A few falls along the northwest frontier and in Kashmir.
22	20—24 . .	A few falls in the extreme north.
23	26—28 . .	A few falls in the extreme north.
	May.	
24	1—2 . . .	A few falls in the extreme north.
25	12—15 . .	Widespread rain from the northwest frontier to the western districts of the United Provinces.
26	18—24 . .	Rain over nearly the whole of northwest India.
	May.	
27	27 . .	A few falls in Baluchistan and the extreme north.
28	30—31 . .	A few falls in the extreme north.
	June.	
29	2 . . .	A few falls in Kashmir.
30	10—12 . .	A few falls in Kashmir and the North-West Frontier Province.
31	14—16 . .	A few falls in Kashmir.
32	24—30 . .	Isolated falls in the extreme north.
	July.	Nil.
	August.	Some ill defined disturbances passed across the extreme north of India, but none were recognisable as definite depressions.
	September.	
33	6 . . .	An ill defined disturbance; induced the monsoon into the North-West Frontier Province and gave a few falls there.
34	17—18 . .	A few falls in the extreme north.
35	21—23 . .	
36	25—26 . .	
37	28 . . .	
	October.	
38	4 . . .	A few light falls in Kashmir.
39	6—8 . . .	Local rain in the extreme north.
40	15—17 . .	A few falls in the extreme north.
41	20—21 . .	Local rain in Kashmir and the Punjab hills.
42	25—28 . .	Local rain in Baluchistan and nearly general rain in the extreme north including parts of the Punjab.
	November.	
43	3—4 . . .	Gave rain in Persia from 31st October to 4th November but produced only cloud in the extreme north of India.
44	20 . . .	A few very light falls in Kashmir and some cloud along the frontier.
45	26—29 . .	Local precipitation in Kashmir, the Simla-Kumaon hills, and the submontane plains chiefly on the 28th and 29th.
	December.	
46	2—3 . . .	Widespread rain in Rajputana, the east Punjab and the west of the United Provinces, with heavy snow in the Simla-Kumaon hills.
47	8—13 . .	Precipitation in the extreme north and the east Punjab.

	December.	
48	16—17 . .	Widespread and locally heavy rain in west Persia on the 12th and 13th, but no precipitation in India.
49	18—19 . .	Local precipitation in Kashmir, the North-West Frontier Province and Baluchistan.
	December.	
50	22—24 . .	Local rain in the east Punjab, the west of the United Provinces and the north-west of the Central Provinces.
51	29—30 . .	Produced only cloud in Baluchistan and Kashmir.

Local Storms.

Of the local storms reported in newspapers the following are noteworthy :—

1. *March 31st.*—There was a hailstorm at Nasik at about 4 P.M. preceded by a high wind and a duststorm, the hail falling for more than an hour; the hailstones were of fairly big size and it was unsafe to stand outside, and as late as 11 A.M. next morning there were unmelted patches of hailstones in sheltered nooks and crannies. The hail storm was followed by a drop in temperature of nearly twenty degrees in half an hour.

2. *April 2nd.*—A severe hailstorm swept over Bangalore at night, the squalls being nearly general in the south of the city and station.

3. *May 27th.*—A severe storm burst over Poona city late in the afternoon ; in some parts of the district it was preceded by heavy sandstorm, while over a large area a severe thunderstorm was experienced. The wind was very strong and is reported to have been blowing at 90 miles an hour. The large meat stores shed at the Wanowrie Military Hospital was overturned and the frame work of three new stands under construction at the race-course were completely destroyed. Huge teak beams twelve inches by six inches in thickness were split as though they were sheets of paper. In the city several houses were demolished and large numbers of trees blown down. The heavy fall of rain and hail flooded many houses and did much damage to roads and gardens.

4. *July 28th.*—Heavy squally weather prevailed at Moulmein from the 25th to 28th July, the rainfall recorded at 8 hrs., of the 28th being 8·50″. At about 3 P.M. on this date a tornado of rather intense violence crossed the Moulmein river from Bilugyun island and struck Mupun, a thickly populated part in the south of Moulmein town.

In Bilugyun island it travelled for the great part through open country and consequently no damage was visible, except for the destruction of a few huts, but where it cut across jungle the damage was continuous. Its track was ENE up to Choungzon village but later NNE.

In its passage across the river the tornado struck the B. I. S. N. Company's steamer *Cranfield* which was moored to a buoy and resulted in the mooring buoy breaking adrift. No structural damage was done to the vessel, but the wireless aerial, all canvas screens and hatch tents were carried away and all deck furniture damaged.

It then struck the foreshore at Mupun, completely wrecking a saw mill which was at the time working, and here a large number of casualties occurred. The damage done to the mill is estimated at 1½ lakhs. It then crossed over the populous part of Mupun uprooting huge trees, telegraph and telephone poles, unroofing all the houses in its track and in some places levelling them flat over a small area ; tiles, shingles, corrugated sheets and branches of trees were flying about in all directions. The upper portions of two pagodas were also carried away. The roar of the wind was so terrific that it drowned the crashes of the falling trees, while the rain was falling in sheets. The verandah from one house was carried off bodily and found five miles away near Peinegon. The tornado lasted only two or three minutes, but after its passage the whole quarter of Mupun presented a somewhat devastated appearance and all roads were blocked with fallen trees and vehicular traffic was at a standstill for a couple of days. The number of houses affected in Mupun quarter was about 140. The actual loss of life was 4 killed and 13 injured, and the damage to property was estimated at Rs. 10,000.

After crossing the Moulmein railway where it upset a couple of railway trucks, it is said (according to local reports) to have divided into two, one half passing over Zegyo and making towards Traingwaing and Tilligyaung, the other half passing over Inwaing and Sangyi. The divided tornadoes do not seem to have been as violent as the parent one. Only a few houses were damaged in Zegyo, but trees were uprooted all along its path, three gardens suffering in Taungwaing. At Inwaing about twenty valuable gardens were damaged, seven of them being almost completely destroyed. Several houses were affected but no one was hurt. Both parts of the tornado would seem to have struck the Toungwaing hills, which rise close to Moulmein to a height about 800 feet, and to have disappeared in them.

The tornado is described by those who saw it as a huge funnel hanging from a black cloud, the apex being downwards and estimated to be about 30 yards in diameter, whirling round at an immense speed, catching up everything in its vortex. The velocity of the wind was estimated to be 100 miles an hour, and the speed at which the tornado was travelling was estimated to be 15 to 20 miles an hour. The breadth of country affected by it was about a quarter of a mile; in the Mupun quarter it extended from Miller street in the north to Messrs. Steel Brothers Mill in the south. The damage

was continuous along its track. The duration at each place was estimated at 3 minutes. In addition to the damage above described the tornado is also reported to have lifted a galvanized cistern 4 feet square that had been completely embedded in the ground for years.

5. *August 21st-22nd.*—A tornado struck Taungzun, Thaton district, at 9-15 P.M. on this date and wrecked about 39 houses. Several of these were struck by falling trees, and others were destroyed by the force of the wind. No loss of life was reported. A tornado also visited Kawkada on the 22nd and destroyed 22 houses, but there was no loss of life.

Excluding dates of storms and depressions a description of which has been given above, winds of force nine or more were recorded on ships in the Indian seas during the year 1923 on the following occasions :—

TABLE.

Month and date.	Name of ship.	Approximate position.		Remarks.
		Latitude.	Longitude.	
1923.		°	°	
9th February .	Brockfield . .	14N	43E	
24th March .	City of Canterbury	13	42	
9th June . .	Matheran . .	9N	83E	
12th ,, . .	Clan Macfadyen .	11	55	Force 10.
26th ,, . .	Moricka Maru .	6	83	
5th July . .	Jaltarang . .	14	88	
9th—10th July .	Homestead . .	15-16	57-61	
10th July . .	Strumfels . .	12-14	54-57	Force 10.
24th July . .	Egremont . .	18	59	
24th—25th July	Marienfels . .	13-11	55-60	Force 10.
29th—31st July	Liebenfels . .	15-17	58-64	
5th—6th August	Mandasor . .	13-11	55-60	Force 10.
6th August .	China . . .	19	63-62	
12th August .	Marienfels . .	16	93	
7th September .	China . . .	18	60	

Temperature.

On an average in the plains of India both the maximum and minimum temperatures were normal in January. In February the minimum was within half a degree of the normal, but the maximum was lower than usual by 1·6°, the defects from the normal in the case of the latter amounting to 3° to 6° in parts of the Punjab, the North-West Frontier Province and upper Sind. Except for a slight warm wave which affected northwest India from the 4th to the 7th February, the spells of high and low temperatures which usually follow each other in succession were not very strongly marked till the 21st when a cold wave entered the frontier and occasioned unusually low temperatures over the greater part of India during the rest of that month.

On the mean of the month over the plains of India both the maximum and minimum temperatures did not differ from the normal by more than 0·6° in March, April and May. In March the maximum temperature was considerably above normal in Assam and below it in the central parts of the Peninsula, while the minimum did not differ much from the average. In April the local distribution of temperature was not very strongly marked and both in the case of the maximum and the minimum the departures from normal for any one subdivision remained within 3°. A noteworthy feature in May was the occurrence of very low maximum temperatures in the greater part of the Punjab, the North-West Frontier Province and upper Sind. The maximum temperature on the 13th was below normal by 31° at Sialkot and 33° at Khushab. At Jacobabad which usually records a highest maximum temperature reading of about 121° in May, the maximum in this month did not rise above 115°.

The zone of abnormally greatest heat in June lay over the central parts of the country. The maximum temperature was on an average more than 4° above normal in Orissa, Chota Nagpur, the United Provinces, Central India, the Central Provinces, the Bombay Deccan, Hyderabad, the Madras Deccan and the Madras Coast North, and the minimum was also higher than usual by more than 4° in the United Provinces West, Central India East and the Central Provinces. Cocanada, Vizagapatam, Calingapatam and Ambala recorded maximum temperatures higher than any known in previous years, and at several other stations the previous absolute maximum for June was exceeded. On the mean of the month in the plains of India the maximum was higher than usual by 3·2° and the minimum by 1·6°. In July, August and September these departures did not exceed 0·3° except in the case of the maximum temperature of August which was 1·3° below normal. In July the temperature distribution was as usual controlled by that of rainfall and the departures

from the normal of the maximum and minimum temperatures remained in most of the subdivisions well within 3° ; in Kashmir however the maximum was below normal by 4·5°. The principal feature of the local distribution of temperature in August was the occurrence of considerably low maximum temperatures in parts of the Punjab, Rajputana and upper Sind, where the departures from normal averaged 4°. The September temperatures did not differ much from the normal in any subdivision.

Mean temperature was on an average 0·9° below normal in the plains of India in October and the maximum 4° to 5° below normal in Kashmir and the North-West Frontier Province. In November temperature was on an average roughly normal except in Mysore, where the departure of the maximum from the average exceeded 4°. On the mean of India the minimum temperature in December was 1·3° above the average ; and though the departures from the normal were not unusually large the region of high minima covered a large area comprising the greater part of the Bombay Deccan, Hyderabad, the Central Provinces, Central India and the United Provinces. In the case of the maximum, local features were not so well marked as in the case of the minimum and on an average it was higher than usual by only 0·5° in the plains of India.

On an average over the plains of India, maximum temperature was above normal by 3·2° in June, but below it by 1·6° and 1·3° in February and August respectively ; the minimum was higher than usual by 1·6° in June and by 1·3° in December, and lower by 1·0° in October. June was thus unusually hot, its mean temperature being 2·4° above the average, but in the remaining months the mean temperatures were within 1° of the normal. On the mean of the year the maximum was normal and the minimum was above it by only 0·1°.

Monthly and annual temperature data for the 15 chief political divisions and the 33 subdivisions are given in tables 4 and 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 . . .	82·6	+0·4	61·1	+0·9	85·8	—1·2	63·2	+0·4	92·2	+0·2	68·4	—0·3	92·8	—1·9	73·6	—0·6	90·6	—1·7	75·5	—0·5	87·6	—0·2	75·7	0
		634				654				742				769				784				874		
Assam . . .	75·3	+1·8	51·6	+0·[illegible]	74·5	—1·6	56·4	+1·7	87·1	+4·5	61·4	+0·1	84·5	+0·3	69·3	+1·9	84·7	—1·9	7[illegible]·2	+0·1	86·9	—1·3	75·8	—0·1
		642				674				794				836				846				[illegible]		
Bengal . . .	77·9	+0·9	54·0	—0·2	79·0	—1·9	59·9	+2·1	89·8	+0·8	65·1	—1·3	9[illegible]·6	—0·4	74·7	+1·4	9[illegible]·8	+0·7	76·5	+0·6	9[illegible]·7	+1·3	78·6	+0·8
		645				679				779				874				902				879		
Bihar and Orissa .	77·4	+0·4	51·6	—1·1	80·0	—1·5	58·1	+1·2	90·9	—0·6	64·5	—0·8	99·9	+0·7	75·0	+1·3	101·6	+1·7	78·8	+1·1	99·0	+4·8	80·8	+2·1
United Provinces .	7[illegible]·9	0	47·2	—0·3	75·7	—1·6	52·0	+0·9	89·7	+0·2	60·1	—0·3	102·0	+1·6	71·5	+0·7	106·1	+1·5	78·6	+0·2	107·8	+6·6	85·5	+3·8
Punjab . .	66·1	—2·0	43·4	+0·4	67·9	—3·8	48·2	+2·0	8[illegible]·3	+0·6	56·6	+0·8	96·8	+2·2	67·1	+1·1	100·6	—3·3	74·0	—1·5	107·9	+2·1	82·9	+1·2
North-West Frontier Province.	63·2	—2·7	40·1	+0·2	64·9	—3·9	46·7	+3·1	78·0	—0·3	54·8	+1·5	91·7	+2·6	64·8	+2·1	97·0	—4·2	72·0	—0·3	108·7	+1·5	80·6	+1·2
Sind . . .	7[illegible]·0	—2·2	50·4	—0·5	76·0	—2·9	54·2	—0·4	88·6	+0·4	64·2	+0·5	95·6	+0·1	71·4	—0·5	98·9	—3·8	77·6	—0·9	101·2	—1·8	81·9	—1·1
Rajputana . .	75·2	+0·4	48·2	—0·7	78·0	—0·8	52·0	—0·5	92·2	+2·3	63·1	+0·6	101·4	+1·5	72·9	—0·1	104·4	—1·9	79·3	—1·8	106·8	+2·7	83·9	+0·7
Bombay . .	85·2	+0·9	59·0	+0·[illegible]	84·5	—2·2	59·8	—1·0	92·6	+0·2	68·3	+1·1	96·4	—0·2	72·1	—1·1	96·8	—0·7	75·8	—1·0	95·2	+3·4	77·7	+0·9
Central India . .	76·9	+0·4	47·4	—1·1	79·5	—1·1	51·5	—0·3	92·5	+1·3	6[illegible]·0	+1·1	101·7	+1·3	70·8	0	104·5	—0·2	77·9	—0·2	105·4	+6·5	83·0	+3·5
Central Provinces .	81·8	+0·5	5[illegible]·3	—0·5	84·9	—0·8	56·7	—0·4	93·5	—1·2	66·2	+1·1	103·2	+0·8	73·9	+0·2	106·1	+0·5	79·6	+0·1	104·9	+7·9	82·5	+4·7
Hyderabad . .	85·2	—0·4	59·4	—0·5	89·6	—1·1	63·7	—0·2	94·2	—3·5	71·1	+1·0	103·3	+0·8	76·0	—0·3	105·6	+1·3	79·4	+0·1	02·8	+7·1	79·2	+3·4
Mysore .	81·8	—1·3	60·0	+0·1	86·9	—1·2	61·7	—1·5	90·4	—2·7	67·4	—0·1	94·4	—0·7	70·3	—0·4	94·0	+1·4	6[illegible]·8	—1·3	88·[illegible]	+2·9	68·7	+0·4
Madras . .	8[illegible]·9	—1·4	67·4	+0·2	87·9	—0·8	69·9	+0·1	90·9	—1·9	73·6	—0·1	95·8	+0·3	78·5	+0·6	97·7	+0·9	79·9	—0·5	96·4	+2·8	79·5	+1·4

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.
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
86·3	—0·4	75·2	—0·3	85·0	—1·3	74·9	—0·4	87·2	0	75·2	+0·1	87·4	—0·2	73·2	—0·5	86·5	+1·2	70·7	+1·9	83·4	+1·6	63·9	+1·5	87·4	—0·3	70·9	+0·2
88·1	—0·4	77·5	+0·2	90·3	+1·9	77·6	+0·2	86·8	—1·1	76·1	—0·1	85·2	—0·5	70·0	—1·2	82·3	+1·6	62·4	+0·8	76·4	+1·7	53·8	+1·0	85·5	+0·4	67·0	+0·4
88·0	—0·2	78·4	0	87·4	—0·3	78·0	—0·2	88·9	+0·7	78·0	+0·3	87·4	—0·1	72·5	—1·3	83·3	+0·5	65·2	+0·8	78·4	+1·1	56·8	+1·2	86·4	+0·3	69·8	+0·3
89·1	—0·2	77·9	—0·1	87·7	—0·5	77·2	—0·5	89·6	+0·8	77·1	+0·1	87·9	—0·2	69·8	—1·7	82·1	—0·4	60·4	—0·6	78·2	+1·3	53·4	+0·9	88·6	+0·5	68·8	+0·2
93·2	+0·4	79·6	0	90·0	—0·4	78·3	—0·1	91·2	—0·4	76·4	+0·2	88·4	—2·7	66·3	—0·5	82·6	—0·5	55·1	+0·1	73·9	—1·0	50·0	+2·5	89·5	+0·3	66·7	+0·6
99·3	—0·5	80·3	—0·9	92·9	—3·9	78·7	—0·9	96·1	—0·4	73·6	—1·2	90·4	—2·8	62·0	—0·7	81·6	—0·6	49·4	—1·0	70·4	—1·0	43·5	+0·9	87·8	—1·1	63·4	+0·1
103·6	+0·1	81·0	—0·1	97·0	—3·1	80·0	+0·3	97·0	—0·7	73·3	+0·3	87·0	—4·0	60·0	+0·3	79·3	—0·2	46·6	—0·5	69·6	+0·5	41·1	+1·3	86·4	—1·2	61·8	+0·8
98·5	—0·3	82·3	0	93·5	—1·8	79·9	+0·1	95·5	0	75·7	—0·7	92·4	—2·4	68·8	—0·3	85·5	—1·5	57·6	—1·6	76·3	—1·4	49·3	—2·5	89·6	—1·5	67·7	—0·7
93·3	+0·3	79·7	—0·4	88·0	—4·1	76·3	—1·6	94·5	+0·5	74·1	—1·7	94·4	—0·3	66·1	—1·8	85·4	—0·8	54·8	—2·2	76·3	—1·1	50·1	+0·1	91·1	—0·1	68·3	+0·8
86·2	—0·3	75·0	—0·2	85·1	—0·7	74·2	+0·2	87·4	+0·5	73·3	+0·3	91·3	+1·0	70·2	—0·4	88·5	+0·2	63·0	—1·4	86·1	+1·2	60·6	+1·3	89·6	+0·3	69·1	—0·1
88·9	+0·8	76·4	+0·5	82·9	—2·5	74·0	—0·[illegible]	87·2	—0·6	73·4	+0·7	87·9	—1·6	6[illegible]·4	—1·4	83·1	+0·1	54·0	—0·3	78·1	+1·0	50·7	+2·6	89·1	+0·5	65·4	+0·4
86·6	—0·3	74·2	—0·1	82·7	—2·4	73·0	—0·4	87·1	—0·3	73·2	+0·6	87·5	—1·5	64·2	—2·5	84·3	+0·2	58·3	+0·2	81·7	+1·6	54·1	+2·1	90·3	+0·4	67·4	+0·4
87·3	—1·4	72·6	—0·6	87·9	+0·7	72·5	+0·2	86·9	—0·9	72·1	0	89·2	—0·7	67·4	—2·2	87·7	+1·4	62·7	—0·7	84·9	+1·0	60·4	+1·9	92·1	+0·4	69·7	+0·2
79·3	—3·0	66·8	—0·4	81·0	—1·5	66·5	—0.4	83·3	—0·2	66·4	—0.2	86·2	+2·4	67·0	+0·4	86·1	+4·4	63·9	+0·2	85·9	+3·0	62·2	+2·2	86·8	+0·3	65·8	—0·1
90·9	—0·1	77·0	+0·2	91·7	+1·4	76·8	+0·6	90·1	+0·1	75·9		88·9	+0·2	74·6	+0·1	87·2	+1·4	71·9	+0·5	84·2	—0·1	69·1	+1·3	90·4	+0·2	74·5	+0·4

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 .	8[illegible]·8	—2·3	75·9	+0·3	84·2	—[illegible]·4	72·2	—2·8	87·8	—2·5	75·9	—0·4	90·0	—2·2	77·7	—1·0	87·3	—1·4	77·9	—0·5	85·1	—0·7	77·1	—0·7
2. Lower Burma .	85·5	+0·1	66·2	+1·2	86·6	—1·6	66·3	—0·8	90·9	—0·6	71·3	—0·4	92·1	—1·3	75·1	—0·9	88·5	—1·6	76·3	—0·4	85·6	—0·3	75·8	0
3. Upper Burma .	80·8	+0·8	53·6	+0·4	84·5	—0·7	58·8	+2·1	94·0	+1·3	64·2	—0·1	94·0	—2·7	71·2	—0·3	93·3	—2·0	74·2	—0·7	91·6	+1·0	75·6	—0·1
4. Assam . .	75·[illegible]	+1·8	51·6	+0·2	74·5	—1·6	56·4	+1·7	87·1	+4·5	61·4	+0·1	84·5	+0·3	69·3	+1·9	84·7	—1·9	72·2	+0·1	86·9	—1·3	75·8	—0·1
5. Bengal . .	77·9	+0·9	54·0	—0·2	79·0	—1·9	59·9	+2·1	89·8	+0·8	65·1	—1·3	92·6	—0·4	74·7	+1·4	92·8	+0·7	76·5	+0·6	90·7	+1·3	78·6	+0·8
6. Orissa . .	8[illegible]·6	—0·4	53·8	—3·3	84·8	—1·9	62·2	0	92·6	—2·3	67·2	—2·4	100·6	+0·2	76·2	0	103·	+2·1	80·5	+0·8	100·9	+5·9	81·7	+2·0
7. Chota Nagpur .	77·0	+0·5	51·6	—0·1	78·4	—2·3	57·4	+1·3	89·9	—0·5	64·5	+0·1	100·3	+1·3	74·2	+1·3	102·8	+2·1	78·1	+1·4	100·6	+8·1	80·0	+3·5
8. Bihar . .	75·2	+0·9	50·4	—0·1	77·8	—1·0	55·9	+1·8	90·5	+0·5	63·0	—0·2	99·4	+0·8	74·6	+2·1	100·1	+1·4	78·1	+1·2	97·3	+2·9	80·4	+1·5
9. United Provinces, East.	74·1	+0·5	47·8	+0·1	76·7	—1·6	52·8	+1·4	90·7	+0·5	60·3	—0·4	102·5	+1·6	72·3	+1·2	106·4	+2·3	79·1	+1·0	107·2	+7·0	85·0	+3·7
10. United Provinces, West.	7[illegible]·6	—0·5	46·4	—0·8	74·5	—2·1	51·2	+0·4	88·5	0	59·8	—0·2	101·4	+1·6	70·7	+0·1	105·7	+0·5	78·2	—0·6	108·6	+6·1	86·3	+4·1
11. Punjab, East and North.	65·5	—2·1	43·6	+0·7	67·6	—3·8	48·2	+1·8	82·7	+0·1	56·3	+0·5	96·6	+1·9	67·0	+1·1	100·5	—2·8	73·9	—1·1	107·3	+2·5	82·6	+1·8
12. Punjab, South-West.	67·1	—1·8	42·9	+1·2	68·6	—3·7	48·0	+2·3	84·2	+1·3	57·1	+1·2	97·0	+2·6	67·2	+1·0	100·8	—4·1	74·2	—2·3	109·0	+1·4	83·6	+0·3
13. Kashmi .	31·4	—2·4	12·7	—1·7	37·0	—0·7	19·4	+2·8	46·9	—1·7	26·6	—1·0	62·6	+3·0	39·6	+1·6	70·2	—0·9	46·3	—0·1	77·8	—0·4	52·4	+0·2
14. North-West Frontier Province.	63·2	—2·7	40·1	+0·2	64·9	—3·9	46·7	+3·1	78·0	—0·3	54·3	+1·5	91·7	+2·6	64·8	+2·1	97·0	—4·2	72·0	—0·3	108·7	+1·5	80·6	+1·2
15. Baluchistan .	57·0	—3·3	35·4	+0·1	59·5	—2·7	38·9	+1·5	74·2	+3·0	48·4	+3·0	81·9	+1·0	54·8	+1·3	89·7	—2·3	62·0	0	95·5	—2·5	69·1	+0·9
16. Sind . .	7[illegible]·0	—2·2	50·4	—0·5	76·0	—2·9	54·2	—0·4	88·6	+0·4	64·2	+0·5	95·6	+0·1	71·4	—0·5	98·9	—3·8	77·6	—0·9	101·2	—1·8	81·9	—1·1
17. Rajputana, West	75·4	+0·9	49·0	—0·3	77·9	—0·6	51·6	—1·1	93·1	+3·3	64·0	+1·1	101·8	+1·7	73·0	—0·3	104·6	—2·1	79·2	—1·9	107·1	+1·6	82·9	—0·8
18. Rajputana, East	75·1	+0·1	47·8	—0·9	78·1	—1·0	52·2	—0·1	91·7	+1·7	62·5	+0·3	101·1	+1·3	72·9	0	104·3	—1·6	79·3	—1·8	106·5	+3·4	84·7	+1·8
19. Gujarat . .	83·8	+1·2	55·9	0	82·5	—2·3	57·7	—0·6	94·3	+2·4	66·7	+1·1	97·0	—0·1	71·7	—0·9	97·5	—1·4	76·8	—1·2	98·1	+2·5	80·3	0
20. Central India, West.	79·4	+0·9	49·8	+0·3	80·5	—1·4	51·3	—0·7	92·9	+1·4	62·1	+1·3	100·2	+0·5	69·9	—0·5	102·2	—1·1	75·9	—0·8	102·0	+5·1	78·9	+2·3
21. Central India, East.	74·4	—0·1	45·3	—2·3	78·4	—0·9	51·7	+0·1	92·2	+1·3	61·7	+0·8	103·2	+2·1	71·8	+0·5	106·8	+0·7	80·0	+0·3	109·0	+8·0	87·0	+4·7
22. Berar . .	87·0	+1·7	56·8	+0·4	89·3	—0·7	59·4	—0·3	96·2	—2·0	69·6	+2·1	106·0	+0·9	75·2	—0·3	107·7	0	80·0	—0·7	105·6	+7·3	82·0	+4·2
23. Central Provinces, West.	80·7	+0·5	51·6	—0·5	83·7	—0·8	54·9	—0·7	93·3	—0·8	65·0	+1·1	102·7	+0·4	73·5	+0·5	105·8	—0·2	79·1	—0·3	105·4	+7·5	82·8	+4·6
24. Central Provinces, East.	81·0	0	52·6	—0·9	84·7	—0·8	58·0	0	92·5	—1·5	66·1	+0·5	102·5	+1·4	74·0	+0·1	106·1	+2·0	79·9	+0·9	103·7	+8·7	82·1	+5·0
25. Konkan . .	87·[illegible]	+1·9	68·6	+1·0	83·6	—1·3	67·9	—0·5	88·3	+1·5	74·4	+1·4	89·3	+0·1	77·3	—0·3	89·7	—0·7	79·4	—0·9	88·5	+1·9	79·2	+1·5
26. Bombay Deccan	85·6	+0·1	56·3	+0·2	87·4	—2·8	56·9	—1·8	93·3	—3·3	66·9	+0·8	100·[illegible]	—0·4	69·2	—1·9	100·8	+0·1	72·1	—0·9	96·4	+5·5	73·7	+1·5
27. Hyderabad, North	85·2	—0·1	56·8	+0·5	88·5	—1·3	59·8	—0·4	94·0	—3·1	68·8	+1·7	102·6	—0·1	74·2	—0·5	105·4	+0·5	78·8	+0·7	103·1	+7·5	78·9	+4·0
28. Hyderabad, South	85·3	—0·5	60·7	—1·0	90·2	—0·9	65·7	—0·1	94·1	—3·8	70·9	—0·7	103·5	+1·2	76·9	—0·3	105·6	+1·7	79·7	—0·2	102·5	+6·8	79·3	+3·1
29. Mysore . .	81·8	—1·3	60·0	+0·1	86·9	—1·2	61·7	—1·5	90·4	—2·7	67·4	—0·1	94·4	—0·7	70·3	—0·4	94·0	+1·4	68·8	—1·3	88·2	+2·9	68·7	+0·4
30. Malabar . .	87·2	—0·3	71·8	+0·7	87·2	—0·9	72·0	—1·2	89·5	—0·1	76·1	—0·1	91·3	+0·8	79·2	+0·9	89·8	+0·4	77·8	—0·3	84·6	+0·1	75·3	+0·3
31. Madras, South-east.	82·8	—2·5	69·2	+0·8	88·1	—0·8	70·2	+0·5	91·3	—1·9	73·9	+0·9	95·8	—0·2	77·8	+0·5	98·6	+0·9	78·0	—0·7	98·0	+2·1	79·0	+1·1
32. Madras Deccan.	87·7	—0·6	62·6	+0·1	93·5	—0·7	66·9	0	97·0	—3·7	72·3	—0·6	105·0	+0·7	79·4	+0·5	105·0	+0·7	79·8	—0·7	102·0	+4·7	79·8	+1·9
33. Madras Coast, North.	81·0	—1·2	64·2	—1·1	85·5	—0·6	69·5	+0·5	88·4	—2·1	72·0	—1·2	93·9	+0·4	78·5	+0·7	97·9	+1·2	80·8	—0·1	99·7	+4·0	82·9	+2·2

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.
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
83·0	—2·4	75·8	—1·7	84·5	—0·7	77·9	+0·7	83·6	—1·3	75·4	—1·2	85·4	—1·0	73·8	—0·1	85·5	—1·1	77·0	—0·1	85·5	—0·1	78·9	+2·4	85·5	—1·6	76·6	—0·4
83·2	—1·4	74·5	—0·7	82·5	—1·9	74·7	—0·5	85·3	+0·4	75·4	+0·1	87·0	—0·1	75·0	—0·1	87·4	+1·0	74·0	+1·9	86·0	+1·4	68·7	+1·6	86·8	—0·5	72·8	+0·1
90·8	+1·1	76·1	+0·3	88·4	—0·6	75·2	—0·3	89·2	—0·5	74·8	+0·1	88·2	—0·2	70·8	—1·0	85·3	+1·6	65·8	+1·7	79·5	+0·3	56·9	+1·3	88·2	—0·1	68·1	+0·3
88·1	—0·4	77·5	+0·2	90·3	+1·9	77·6	+0·2	86·8	—1·1	76·1	—0·1	85·2	—0·5	70·0	—1·2	82·3	+1·6	62·4	+0·8	76·4	+1·7	53·8	+1·0	83·5	+0·4	67·0	+0·4
88·9	—0·2	78·4	0	87·4	—0·3	78·0	—0·2	88·9	+0·7	78·0	+0·3	87·4	—0·1	72·5	—1·3	83·3	+0·5	65·2	+0·8	78·4	+1·1	56·8	+1·2	86·4	+0·3	69·8	+0·3
89·8	+0·3	77·6	—0·5	86·8	—1·4	76·8	—1·1	89·9	+0·6	77·4	—0·2	88·5	—0·6	72·4	—0·8	82·3	—2·0	64·2	+0·5	80·4	+0·2	56·8	+0·9	90·1	+0·1	70·6	—0·3
86·5	—1·0	75·2	—0·3	84·0	—2·1	74·1	—0·9	87·0	+0·3	74·0	+0·1	85·2	—1·0	66·9	—1·6	78·6	—1·9	58·9	—0·1	76·6	+1·1	51·9	+1·1	87·3	+0·4	67·2	+0·5
90·0	—0·2	79·3	+0·3	89·7	+	78·7	+0·1	90·6	+1·2	78·2	+0·4	88·6	+0·4	69·4	—2·3	83·3	+1·1	58·6	—1·5	77·5	+2·1	52·0	+0·8	88·3	+0·9	68·[illegible]	+0·3
91·7	—0·7	79·4	—0·1	90·5	+0·4	78·5	0	91·1	—0·2	77·2	+0·4	88·6	—2·1	67·4	—0·2	82·9	—0·2	56·1	+0·6	75·3	+0·2	50·8	+3·1	89·8	+0·6	67·2	+0·9
95·1	+1·7	79·8	+0·2	89·3	—1·4	77·9	—0·3	91·2	—0·7	75·5	—0·1	88·1	—3·5	65·0	—0·9	82·2	—0·9	53·9	—0·5	72·2	—2·3	49·1	+1·6	89·1	—0·1	66·2	+0·3
97·1	—0·7	79·1	—0·9	90·9	—4·0	77·6	—1·0	94·6	—0·4	72·7	—1·4	89·4	—2·9	61·5	—0·8	80·5	—1·0	49·3	—0·8	69·6	—1·5	44·1	+1·3	86·9	—1·2	63·0	+0·1
103·1	—0·2	82·4	—0·8	96·4	—3·7	80·6	—0·7	98·7	—0·4	75·2	—0·8	92·1	—2·6	62·9	—0·5	83·3	0	49·6	—1·3	71·6	—0·2	42·6	+0·4	89·4	—0·9	63·9	0
77·8	—4·5	55·7	—2·1	80·9	—0·8	59·4	+1·7	73·4	—1·3	47·5	—1·9	60·6	—4·9	36·9	—1·7	52·1	—1·1	26·2	—1·1	37·7	—2·0	18·3	—0·6	59·0	—1·5	36·8	—0·3
103·6	+0·1	81·0	—0·1	97·0	—3·1	80·0	+0·3	97·0	—0·7	73·3	+0·3	87·0	—4·0	60·0	+0·3	79·3	—0·2	46·6	—0·5	69·6	+0·5	41·1	+1·3	86·4	—1·2	61·8	+0·8
98·0	—0·9	71·5	+0·1	96·9	+0·8	72·1	+3·8	88·7	—2·4	59·2	—0·4	80·1	—2·6	51·7	+2·4	69·3	—2·9	38·6	—2·1	61·1	—1·0	32·5	—2·3	79·3	—1·3	52·9	+0·7
98·5	—0·3	82·3	0	93·5	—1·8	79·9	+0·1	95·5	0	75·7	—0·7	92·4	—2·4	68·8	—0·3	85·5	—1·5	57·6	—1·6	76·3	—1·4	49·3	—2·5	89·6	—1·5	67·7	—0·7
99·9	+0·4	81·3	—0·3	91·7	—3·8	77·8	—1·4	97·9	+1·3	75·0	—2·1	96·6	+0·3	67·7	—1·8	86·4	—0·7	55·6	—2·9	76·6	—0·8	50·0	—0·9	92·4	+0·1	67·2	—1·1
98·9	+0·2	72·7	—0·4	85·7	—4·2	75·3	—1·7	92·2	—0·1	73·6	—1·4	93·1	—0·6	65·1	—1·8	84·7	—0·9	54·2	—1·8	76·0	—1·3	50·1	+0·8	90·2	—0·3	66·3	—0·6
91·4	+1·9	78·7	+0·3	87·8	—0·8	76·6	—0·1	91·8	+2·1	76·1	+0·8	94·8	+1·1	71·0	—0·2	89·8	—0·6	62·3	—1·5	85·2	+0·7	57·8	+0·5	91·1	+0·6	69·4	—0·1
87·2	+0·5	74·1	+0·4	81·3	—2·5	72·0	—0·1	86·2	—0·5	70·6	+0·1	89·6	—0·3	62·7	—1·4	84·8	+0·5	53·8	—1·1	80·9	+1·7	51·9	+2·4	88·9	+0·4	64·4	+0·2
90·7	+1·1	78·6	+0·5	84·4	—2·5	76·2	—0·4	88·2	—0·7	75·9	+1·1	86·2	—2·9	64·3	—1·3	81·3	—0·4	54·3	+0·6	75·4	+0·3	49·5	+2·7	89·2	+0·5	66·3	+0·6
87·9	—0·8	74·2	—0·1	85·5	—1·2	73·5	+0·4	88·7	—0·2	73·6	+1·1	91·4	—0·3	65·1	—2·5	89·2	+1·7	59·9	—0·3	86·5	+2·8	58·8	+3·9	93·5	+0·8	69·0	+0·7
86·7	—0·2	74·3	—0·3	8[illegible]·6	—3·1	72·8	—0·7	86·8	—0·5	72·9	+0·5	87·9	—1·3	63·4	—2·6	84·5	+0·6	56·9	+0·2	81·4	+2·0	53·9	+2·8	90·0	+0·3	66·8	+0·4
86·0	—0·1	74·2	+0·2	82·6	—2·1	73·2	—0·3	86·7	0	73·5	+0·5	85·3	—1·9	65·2	—2·3	81·4	—1·2	59·5	+0·5	80·2	+1·1	53·0	+1·1	89·4	+0·5	67·6	+0·4
82·0	—1·9	75·2	—1·1	83·0	—0·5	76·1	+0·3	83·3	—0·5	75·7	+0·5	87·6	+0·9	75·5	+0·4	86·4	—1·5	70·2	—1·7	87·9	+1·3	70·0	+1·4	86·4	+0·1	74·2	+0·2
83·0	—1·8	70·8	0	83·6	—0·6	70·1	+0·5	85·2	—0·5	68·4	—0·4	89·8	+1·0	65·7	—1·1	88·4	+2·3	59·1	—1·2	85·8	+1·7	57·6	+2·1	90·0	+0·1	66·5	—0·2
86·0	—1·7	72·2	—0·1	85·4	—0·3	71·4	+0·3	86·2	—0·9	71·1	+0·3	88·8	—1·1	65·0	—2·5	87·6	+1·3	59·7	—0·5	85·1	+1·4	58·8	+4·1	91·5	+0·2	67·9	+0·6
88·6	—1·2	72·7	—0·9	89·1	+1·2	73·1	+0·2	87·2	—0·9	72·6	—0·2	89·5	—0·4	68·6	—2·0	87·7	+1·4	64·0	—0·9	84·9	+0·8	61·1	+0·8	92·4	+0·5	70·4	—0·2
79·3	—[illegible]·0	66·6	—0·4	81·0	—1·5	66·5	—0·4	83·3	—0·2	66·4	—0·2	86·2	+2·4	67·0	+0·4	86·1	+4·4	63·9	+0·2	83·9	+3·0	6[illegible]·2	+2·2	86·3	+0·3	65·8	—0·1
81·6	—1·5	79·8	—0·5	82·3	—0·8	74·0	—0·4	84·2	+0·1	74·3	—0·2	85·8	+0·5	75·1	+0·4	87·0	+0·9	74·2	+0·3	87·8	+0·9	73·5	+1·7	86·5	0	74·7	+0·1
94·0	+0·1	77·2	+0·5	94·5	+1·4	76·7	+0·8	93·0	+0·8	75·8	+0·4	89·4	+0·1	74·8	+0·5	88·4	+2·5	73·2	+0·9	83·5	—0·6	71·2	+1·5	91·5	+0·2	74·7	+0·6
92·2	—0·8	76·2	+0·2	94·1	+2·1	76·6	+1·6	91·9	+0·5	74·7	+0·4	92·1	+0·9	72·0	—0·3	90·1	+2·1	67·3	+0·2	87·1	+0·7	64·2	+1·9	94·8	+0·5	72·6	+0·4
92·1	+0·9	79·2	+0·3	93·1	+2·6	79·1	+0·6	89·4	—1·0	77·5	—0·6	88·7	—0·1	75·4	—0·4	84·1	—0·2	70·8	+0·1	81·1	—0·4	65·8	+0·5	89·6	+0·4	74·6	+0·11

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.

TABLE 6.—*Departures from normal of the mean monthly and annual temperatures of the air and of the ground in 1923.*

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

Winds.

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

TABLE 7.—*Monthly means of direction and velocity of upper winds, January 1923.*

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.	31	2·5	1·3	279	28	2·8	0·6	106	31	0·2	0·1	343	23	4·2	4·0	63	..	..	..	..	29	0·7	0·6	325	22	1·9	1·2	159
0·5	31	8·8	4·9	342	..	..	..	..	31	5·2	2·0	335	..	..	..	..	31	3·7	2·0	19	28	6·1	5·6	353	..	..	..	..
1·0	31	7·9	4·7	317	..	..	..	..	31	5·5	1·6	299	24	5·7	5·5	81	31	3·2	0·8	1	29	5·9	5·4	339	..	..	..	..
1·5	31	6·5	4·5	293	..	..	..	..	29	4·3	2·0	300	24	8·3	7·8	81	31	3·2	1·1	340	27	6·4	5·6	316	..	..	..	..
2·0	31	7·6	5·5	283	..	..	..	..	29	5·3	2·9	260	24	6·7	6·4	80	31	3·0	1·5	308	23	5·9	5·1	302	21	3·4	1·5	197
2·5	31	8·6	6·8	276	28	4·5	1·4	155	29	6·0	3·5	247	22	5·8	5·4	79	31	3·6	2·6	296	21	6·4	5·7	296	20	4·9	2·2	241
3·0	31	9·4	7·8	268	28	4·6	1·9	157	26	7·0	4·6	248	22	5·5	5·1	80	31	4·5	3·3	290	19	6·8	5·9	280	18	8·5	5·4	259
3·5	30	10·7	9·1	268	28	5·3	1·8	201	25	8·6	6·4	247	22	5·7	5·3	84	31	5·3	4·5	283	18	8·6	8·1	279	18	11·5	8·0	257
4·0	28	12·8	11·4	273	27	6·4	2·9	237	23	10·6	8·4	256	21	5·7	4·9	91	31	6·5	5·6	277	18	10·6	10·0	273	13	14·3	11·1	267
4·5	28	15·2	14·2	269	24	8·3	4·8	269	23	12·2	10·4	257	21	5·9	4·9	92	31	8·2	6·9	278	16	11·4	10·0	270	10	18·4	14·2	263
5·0	26	16·9	15·9	268	23	10·8	7·8	269	21	13·5	11·4	263	20	6·0	4·1	98	29	9·5	8·2	274	15	12·7	11·9	272	8	22·7	17·1	255
5·5	25	19·1	18·1	264	22	14·4	12·1	270	16	17·2	14·7	266	18	6·4	4·3	104	30	10·4	8·9	271	14	14·4	13·6	268	6	23·7	19·3	240
6·0	24	21·5	20·5	265	22	17·2	14·9	269	16	19·5	17·4	265	16	5·4	2·4	109	30	11·1	9·9	268	9	15·1	14·3	272	3	22·7	20·0	202
6·5	24	24·2	23·4	266	22	20·8	18·2	269	15	21·9	19·9	266	16	5·8	1·9	130	28	12·0	10·9	263	6	16·0	15·7	259	2	26·0	22·7	193
7·0	24	27·5	26·6	265	18	24·1	21·9	266	14	24·1	22·3	271	15	5·1	0·7	241	26	13·5	12·1	256	3	15·3	15·3	257		..	..	..
7·5	23	29·4	28·6	264	15	28·0	26·0	268	10	28·9	26·9	278	15	5·7	2·1	267	26	15·3	14·1	255	1	15·5	15·5	245	..	..	..	..
8·0	22	32·3	31·3	263	15	31·1	29·1	266	8	30·6	29·0	283	14	6·1	4·5	243	23	16·9	15·7	252	1	16·5	16·5	245	..	..	..	..
8·5	19	34·3	33·1	265	12	32·1	30·1	266	6	30·4	27·6	284	12	8·7	7·1	236	23	18·5	17·5	251	..	..	..	..	..	..	..	..
9·0	16	36·1	34·7	268	8	34·5	31·2	271	4	28·4	27·0	283	11	11·2	9·7	237	21	19·0	18·2	255	..	..	..	..	..	..	..	..
9·5	12	39·7	38·6	274	4	35·9	32·5	265	3	31·0	29·5	283	8	13·0	12·3	235	20	19·8	18·9	255	..	..	..	..	..	..	..	..
10·0	8	43·6	42·3	277	3	43·3	39·3	276	1	37·0	37·0	300	7	12·7	12·2	229	16	20·5	19·8	257	..	..	..	..	..	..	..	..
10·5	7	45·6	44·3	273	..	..	..	..	1	40·5	40·5	305	7	13·8	13·1	227	13	21·9	20·9	254	..	..	..	..	..	..	..	..
11·0	1	45·5	45·5	285	..	..	..	..	..	..	..	..	7	16·7	15·7	232	7	21·6	20·3	246	..	..	..	..	..	..	..	..
11·5	..	..	..	..	..	..	..	..	..	..	..	..	6	17·6	16·8	220	5	19·1	17·8	243	..	..	..	..	..	..	..	..
12·0	..	..	..	..	..	..	..	..	..	..	..	..	5	18·4	18·1	226	3	15·5	15·3	234	..	..	..	..	..	..	..	..
12·5	..	..	..	..	..	..	..	..	..	..	..	..	4	21·1	21·1	232	2	15·3	15·2	223	..	..	..	..	..	..	..	..
13·0	..	..	..	..	..	..	..	..	..	..	..	..	2	24·7	24·7	230	1	20·0	20·0	235	..	..	..	..	..	..	..	..
13·5	..	..	..	..	..	..	..	..	..	..	..	..	2	26·7	26·7	227	..	..	..	..	..	..	..	..	..	..	..	..

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 36°, East wind = 90°.

TABLE 7.—*Monthly means of direction and velocity of upper winds, February 1923—contd.*

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.	25	2·6	0·1	180	24	3·1	0·8	112	28	0·7	0·4	143	25	2·9	1·2	146	..	..	..	..	19	1·3	0·2	341	26	1·4	0·5	107
0·5	28	7·5	0·7	21	..	..	..	..	28	5·3	0·4	355	..	..	..	..	27	4·4	3·5	349	19	6·1	2·3	272	..	..	..	..
1·0	28	7·8	1·7	313	..	..	..	..	26	5·2	0·9	274	25	3·9	2·1	156	27	4·8	2·9	316	17	5·4	3·4	267	..	..	..	..
1·5	28	7·5	3·2	282	..	..	..	..	25	5·6	1·2	249	24	6·0	2·7	134	27	5·7	3·8	295	13	7·2	5·8	275	..	..	..	..
2·0	28	8·3	5·0	275	..	..	..	..	22	5·0	1·4	288	24	5·2	2·6	104	27	6·2	5·0	287	12	9·9	8·4	282	26	3·8	1·4	225
2·5	27	10·3	6·9	274	24	5·2	0·8	323	19	5·9	2·9	276	25	5·6	1·1	101	27	7·7	6·1	282	11	11·9	10·7	285	25	5·7	3·2	262
3·0	26	12·2	9·7	269	24	5·6	0·4	216	17	7·5	4·7	283	23	6·7	0·8	350	27	9·7	8·2	280	8	14·6	13·7	290	25	9·4	7·3	278
3·5	24	13·6	11·1	271	24	8·3	1·3	253	17	9·6	6·5	284	22	7·9	3·3	288	25	10·9	9·1	277	6	15·8	14·3	295	24	11·7	9·1	282
4·0	24	15·6	13·0	272	20	9·9	5·8	301	15	11·4	8·3	283	23	8·3	4·1	279	23	13·0	11·3	279	3	16·7	15·9	305	21	14·0	11·6	286
4·5	21	18·0	15·5	269	18	11·1	8·8	297	9	10·9	9·6	289	22	8·4	4·1	268	22	13·7	12·6	277	3	16·5	15·5	299	20	16·8	13·9	281
5·0	19	18·7	17·1	278	16	11·9	10·1	281	8	12·5	11·2	284	22	9·4	5·2	271	21	16·1	14·9	277	2	14·3	13·2	304	19	18·4	15·9	274
5·5	18	20·3	19·1	274	14	14·3	12·1	280	6	14·4	13·9	293	19	9·4	5·8	284	18	17·1	15·5	268	1	16·5	16·5	305	14	18·1	16·5	282
6·0	16	22·8	21·7	271	14	16·3	14·2	276	6	16·2	15·3	292	18	9·7	6·0	284	17	18·9	17·1	262	1	19·0	19·0	275	12	21·3	18·6	287
6·5	15	25·5	24·7	276	12	18·5	16·2	277	6	17·9	17·4	290	15	8·8	5·7	299	15	19·2	17·4	267	..	..	..	..	11	21·7	19·9	288
7·0	14	28·7	27·7	275	10	18·6	16·9	274	6	21·4	21·1	288	14	9·4	6·1	301	14	20·9	19·3	273	..	..	..	..	10	21·5	19·4	274
7·5	13	33·8	32·8	273	9	23·3	22·0	281	5	24·4	24·3	285	10	9·9	7·1	310	11	21·4	20·8	264	..	..	..	..	9	22·0	21·2	278
8·0	11	34·8	33·7	277	8	26·9	25·3	279	4	23·5	23·2	285	9	9·7	7·7	288	8	21·9	21·0	265	..	..	..	..	7	20·6	19·9	273
8·5	8	36·6	35·7	284	8	30·5	28·7	279	2	16·3	15·7	285	9	10·2	8·8	285	8	23·1	22·0	263	..	..	..	..	5	22·5	21·3	275
9·0	6	37·7	37·2	281	5	30·4	29·0	284	2	18·0	17·1	288	7	11·3	10·2	291	5	19·1	17·3	281	..	..	..	..	5	25·9	24·8	276
9·5	5	37·2	36·0	280	4	29·7	29·0	292	2	20·5	19·8	280	4	11·3	10·9	288	4	18·5	16·8	280	..	..	..	..	5	32·6	31·2	279
10·0	4	42·6	42·3	285	3	22·8	22·8	275	2	23·3	22·7	282	4	12·6	11·5	283	3	19·3	17·9	291	..	..	..	..	5	35·9	34·4	280
10·5	4	48·5	48·5	284	3	26·0	26·0	272	2	26·5	26·1	279	4	14·3	12·8	285	3	21·7	20·6	289	..	..	..	..	2	25·0	24·2	276
11·0	2	33·7	33·5	287	2	31·5	31·5	278	1	31·5	31·5	290	3	13·8	11·4	273	2	26·7	25·0	279	..	..	..	..	1	3·0	3·0	245
11·5	2	37·5	36·9	289	2	35·0	35·0	275	1	31·5	31·5	290	2	15·5	10·1	283	1	22·0	22·0	330	..	..	..	..	1	6·0	6.0	245
12·0	1	44·0	44·0	285	1	37·5	37·5	280	..	..	..	..	2	16·5	10·1	286	1	21·0	21·0	335	..	..	..	..	1	9·0	9·0	265
12·5	..	..	..	..	1	41·0	41·0	285	..	..	..	..	..	..	..	..	1	21·5	21·5	330	..	..	..	..	1	11·0	11·0	255
13·0	..	..	..	..	1	42·0	42·0	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	16·0	16·0	265
13·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	20·5	20·5	280
14·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	21·0	21·0	285
14·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	23·0	23·0	290
15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	21·0	21·0	290

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—*Monthly means of direction and velocity of upper winds, March 1923—contd.*

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.	31	2·1	1·1	234	27	2·0	0·3	44	31	0·4	0·1	342	29	2·6	1·5	112	..	..	..	..	30	0.9	0 6	233	27	1·2	0 8	154
0·5	31	6·0	1·9	342	..	..	..	..	31	5·3	3·4	348	..	..	..	..	31	5·0	4·4	355	30	5·9	3·4	253	..	..	..	
1·0	31	5·8	2·8	308	..	..	..	..	31	5·0	2·6	333	29	3·7	2·2	133	30	5·5	4·8	349	29	5·1	2·8	265	..	..	..	
1·5	31	6·3	4·7	287	..	..	..	..	30	4·4	3·3	315	29	4·8	3·5	113	30	5·1	3·6	338	28	5·0	3·0	300	..	..	..	
2·0	30	8·1	6·9	287	..	..	..	..	29	5·5	3·9	99	28	5·6	5·1	82	30	5·2	3·3	302	26	5·7	3·9	305	27	3·2	1·	214
2·5	30	9·4	8·2	288	28	4·1	1·5	323	29	5·6	4·1	293	27	5·7	5·3	67	30	5·5	3·8	277	26	6·8	5·5	308	27	5·4	3·5	253
3·0	31	10·1	8·7	292	28	4·6	2·2	317	28	6·0	4·8	294	26	6·5	5·4	58	30	5·9	3·1	266	26	7·0	5·8	302	27	8·3	3·7	275
3·5	31	10·2	8·9	293	28	5·4	3·2	304	25	6·9	5·5	288	25	6·6	4·3	61	28	6·1	3·5	246	22	7·3	6·1	299	25	11·0	9·4	281
4·0	31	10·5	9·3	291	28	5·8	3·9	296	23	7·8	6·4	286	24	6·2	2·3	78	26	6·7	5·1	250	21	8·1	6 8	291	22	12·	11·1	286
4·5	31	11·3	9·8	288	27	7·4	5·4	290	22	9·5	8·1	284	23	5·4	0·6	173	24	7·6	6·5	262	20	8·7	7·1	285	20	14·0	12·3	284
5·0	31	12·1	10·5	287	27	8·9	6·9	288	22	10·7	8·8	282	22	5·9	2·9	260	24	8·9	8·1	261	20	9·5	8·2	282	1	16·7	15·1	282
5·5	31	13·1	11·4	287	26	10·9	8·3	281	21	11·5	9·4	276	22	6·5	4·2	260	24	11·0	10·1	264	17	9·6	8·4	277	14	16·3	15·5	283
6·0	29	13·7	11·7	286	24	12·6	10·6	281	20	13·8	11·2	276	22	7·7	5·5	256	23	12·5	11·7	262	17	11·1	10·0	279	13	16·5	15·7	278
6·5	29	14·6	12·7	283	22	13·5	11·6	279	18	15·5	13·5	280	21	8·2	5·6	253	21	15·2	14·3	262	11	10·9	9·4	273	11	18·4	17·8	275
7·0	28	15·5	13·4	287	22	15·0	13·1	281	16	17·8	16·2	279	20	9·2	5·7	257	19	17·1	16·2	261		11·4	8·9	281	10	20.3	19 6	280
7·5	26	17·3	14·5	290	20	17·7	15·7	285	15	17·9	16·1	280	20	9·7	5·8	261	18	19·7	18·3	258	4	12·7	9·7	283	9	20 6	19·5	281
8·0	25	18·3	15·0	291	20	20·0	18·0	287	15	19·0	17·0	282	17	10·9	7·1	245	14	21·7	20·7	259	3	14·0	11·3	276	6	23 6	23·0	280
8·5	23	19·8	16·3	288	16	19·9	17·7	291	12	17·4	16·6	274	16	12·2	8·3	237	1	24·1	23·1	259	3	15·7	13·0	273	3	24·8	24·6	274
9·0	22	21·8	18·2	284	14	20·2	18·5	294	12	19·2	18·1	272	15	12·8	8·3	23	11	27·3	26·3	259	2	4·5	4·5	200	3	27 2	26 8	276
9·5	21	22·9	18·9	285	13	22·9	21·3	299	6	19·7	18·5	269	11	13·7	1·4	233	6	30·8	29 9	260	2	6·5	6·3	254	2	29 3	29·3	277
10·0	18	23·0	18·4	283	8	20·3	18·5	300	4	22·3	21·1	271	7	9·3	7·1	212	4	30 0	29·5	262	2	8·5	8·5	256	1	22·0	22·0	280
10·5	16	26 3	23·5	278	7	21·9	20·0	306	4	23·9	22·3	26		7·5	6·2	209	3	28 7	28·3	257	1	18·5	18·5	250	..	..	..	..
11·0	14	26·5	23·9	279	6	25·5	23·5	313	2	21·7	20·7	278	1	8·0	8·0	250	1	27·0	27·0	245	1	21·0	21·0	240	..	..	..	..
11·5	13	27·2	24·4	273	5	26·0	23·5	320	2	22·7	22·4	275	1	10·0	10·0	250	..	..	..	..	..	..	..	..	..	..	..	..
12·0	9	28·9	25·7	276	3	26 0	23 1	299	1	25·0	25·0	290	1	10·0	10·0	240	..	..	..	..	..	..	..	..	..	..	..	..
12·5	6	31·3	26·0	282	3	27 0	25 2	297	1	29·5	29 5	295	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13·0	5	30·3	26·5	293	2	30 0	28 6	314	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13·5	2	30 0	29·7	316	2	37·5	35·8	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14·0	1	39 0	39 0	315	1	38 5	38·5	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..
14·5	..	..	..	..	1	45 0	45·0	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°.

TABLE 7.—*Monthly means of direction and velocity of upper winds, April 1923*—contd.

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.				Bombay. 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	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	30	2·5	2·2	276	30	2·1	1·3	4	30	0·6	0·5	3	28	2·7	2·0	251	..	..	..	..	25	2·5	2·3	192	26	0·6	0·4	139	6	2·7	2·3	303
0·5	30	8·0	6·5	329	..	..	..	..	29	7·1	4·7	341	..	..	..	..	28	3·9	1·0	217	25	9·2	8·3	220	..	..	..	..	5	6·2	5·6	328
1·0	30	7·9	7·0	327	..	..	..	..	30	6·7	3·9	317	26	3·5	2·5	260	28	4·1	1·8	226	21	7·3	5·7	237	..	..	..	..	6	6·4	6·3	341
1·5	30	7·8	7·3	314	..		..	..	30	6·5	4·2	297	27	4·7	2·7	303	27	4·9	1·9	275	21	6·3	4·3	267	..	..	..	..	6	7·6	7·5	332
2·0	30	8·0	7·3	298	..	..	..	..	29	6·8	5·1	298	25	4·3	2·1	30	26	6·6	3·3	301	19	6·2	4·5	281	24	4·6	1·4	263	6	6·8	6·2	305
2·5	30	9·0	7·9	292	30	5·8	3·4	345	29	7·7	5·7	296	25	5·4	4·2	57	26	6·9	4·4	303	18	7·9	6·0	289	26	6·6	3·1	290	5	5·8	4·9	270
3·0	30	9·6	8·2	288	30	5·3	2·0	314	28	8·5	5·5	289	23	6·3	4·9	54	24	6·6	4·5	308	17	8·7	7·2	297	24	7·7	5·5	295	5	3·9	3·4	203
3·5	30	10·7	9·0	284	30	5·3	2·4	296	27	8·5	5·5	293	22	7·4	5·7	46	20	6·2	3·9	319	18	9·8	8·6	300	24	10·0	8·0	290	4	4·9	4·6	170
4·0	30	11·1	9·2	281	30	6·7	3·2	288	26	8·5	6·1	290	22	7·3	5·3	39	21	6·8	4·7	321	14	10·3	9·4	307	21	10·9	8·1	278	4	5·3	3·1	114
4·5	30	12·0	10·1	280	28	7·9	5·3	285	26	9·7	6·9	277	22	8·0	4·0	49	19	7·6	5·9	324	13	10·3	9·6	312	20	11·4	7·9	268	4	6·1	5·6	71
5·0	30	12·3	10·6	282	27	9·7	7·2	279	23	11·5	9·6	276	19	9·4	2·7	82	18	7·5	6·1	311	12	9·6	8·3	303	18	11·8	9·2	256	4	7·1	6·5	65
5·5	30	13·7	11·4	283	27	11·8	9·2	274	21	13·6	11·8	278	18	10·4	1·9	115	16	7·6	6·2	302	11	9·3	8·0	300	15	11·7	10·8	240	4	7·3	6·1	79
6·0	29	14·8	12·9	282	27	14·1	11·5	271	20	14·8	12·8	273	16	12·3	1·8	154	15	9·6	8·1	301	9	8·8	7·8	293	15	15·0	14·3	240	4	6·4	5·7	70
6·5	29	15·6	13·8	279	27	16·8	13·9	270	19	16·3	14·4	274	14	13·0	1·1	166	13	11·2	9·4	306	7	7·9	6·5	307	13	19·3	18·7	242	4	7·6	7·2	89
7·0	28	16·7	15·0	278	25	18·4	15·7	275	18	18·6	16·8	272	13	13·1	0·7	76	12	13·7	12·2	303	5	7·8	6·0	304	11	21·5	21·1	248	4	9·1	8·6	96
7·5	26	18·9	17·1	284	25	20·9	18·2	276	16	21·1	19·4	273	11	15·0	2·5	248	12	15·1	13·8	304	3	7·7	5·2	329	10	24·1	23·3	254	4	10·1	9·4	101
8·0	23	19·8	18·3	281	21	20·6	18·4	275	14	24·3	23·1	270	10	15·5	5·4	242	10	16·6	15·0	299	3	6·5	4·9	323	9	26·8	25·3	253	4	10·0	9·0	106
8·5	20	19·6	18·3	279	18	19·3	16·9	276	12	26·9	25·8	269	9	18·3	5·6	244	8	16·7	15·9	301	3	6·8	5·2	300	7	28·0	25·8	250	4	9·4	8·5	97
9·0	19	20·7	19·2	276	14	17·7	16·0	279	8	24·8	23·5	270	7	20·3	9·9	237	7	16·1	15·1	305	3	9·0	7·6	299	4	24·7	21·0	237	4	8·0	7·1	82
9·5	16	23·9	21·6	274	12	17·7	15·7	268	7	30·7	29·5	268	4	17·5	9·3	204	6	15·8	14·5	302	3	11·5	9·3	288	3	19·7	14·8	234	4	8·0	6·4	84
10·0	11	24·9	23·7	263	11	21·7	18·9	262	6	32·3	30·9	274	3	17·8	16·6	227	4	14·7	13·4	301	2	6·5	5·9	350	1	19·5	19·5	275	4	7·5	4·7	91
10·5	10	23·1	21·6	254	11	24·9	22·2	255	5	28·6	26·9	271	1	16·0	16·0	270	2	11·7	11·3	315	2	8·0	8·0	350	1	12·5	12·5	260	4	7·7	4·6	74
11·0	10	25·4	23·8	254	7	25·9	25·4	242	3	32·7	31·0	269	..	..	..	..	1	3·5	3·5	335	1	7·5	7·5	355	1	15·0	15·0	250	3	9·7	4·5	66
11·5	7	25·6	23·9	259	6	28·4	27·7	246	1	24·0	24·0	225	..	..	..	..	1	3·0	3·0	305	1	5·0	5·0	335	1	23·0	23·0	240	3	8·7	3·9	79
12·0	5	27·5	26·3	252	4	27·4	26·9	245	..	..	..	..	..	..	..	..	..	..	..	..	1	6·0	6·0	300	1	26·5	26·5	245	3	7·7	3·4	119
12·5	4	23·3	22·6	256	2	32·0	30·9	232	..	..	..	..	..	..	..	..	..	..	..	..	1	6·0	6·0	300	1	27·5	27·5	235	2	10·3	6·8	68
13·0	3	23·5	22·5	263	2	36·7	36·4	233	..	..	..	..	..	..	..	..	..	..	..	..	1	7·0	7·0	320	..	..	..	..	1	3·0	3·0	195
13·5	3	20·8	19·5	266	1	42·5	42·5	240	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	5·5	5·5	185
14·0	1	25·5	25·5	280	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	7·5	7·5	185
14·5	1	29·0	29·0	280	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	9·0	9·0	190
15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	9·0	9·0	185
15·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	9·0	9·0	180

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.—*Monthly means of direction and velocity of upper winds, May 1923*—contd.

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.				Bombay. Height above sea 0·01 Km.			
	n	V	A	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.	30	2·5	1·3	266	31	2·2	0·5	19	31	0·2	0·1	360	29	3·8	3·5	268	..	..	..	..	29	2·5	2·1	165	31	1·1	0·9	136	28	3·3	2·5	277
0·5	30	8·1	5·4	311	..	..	..	..	31	5·6	1·8	341	..	..	..	..	29	3·9	2·3	175	29	9·5	7·5	200	..	..	..	..	28	5·7	4·1	366
1·0	30	7·5	5·7	314	..	..	..	..	31	5·7	1·3	275	28	5·1	4·5	279	27	4·8	3·1	188	25	8·7	5·7	215	..	..	..	..	26	6·0	5·2	326
1·5	30	6·2	5·3	300	..	..	..	..	31	6·3	2·2	259	29	6·4	4·0	299	27	4·8	2·7	197	23	7·1	3·7	246	..	..	..	..	21	7·1	6·3	366
2·0	30	7·0	5·8	29	..	..	..	..	31	7·1	3·0	257	28	6·1	2·4	14	21	4·3	1·1	286	17	6·1	2·3	255	31	4·0	1·9	255	19	7·8	5·9	325
2·5	29	8·0	6·6	287	31	6·1	3·3	324	30	7·6	3·3	264	27	6·7	2·3	45	19	4·6	1·9	326	15	5·8	2·4	309	30	6·3	3·9	295	19	7·1	4·3	304
3·0	28	9·1	7·1	282	31	6·6	2·9	307	28	8·1	4·7	285	27	7·4	3·7	64	19	5·4	3·1	335	13	6·1	3·9	318	29	8·5	7·2	296	17	6·5	2·6	244
3·5	27	9·6	7·5	281	30	5·4	3·1	304	26	8·5	5·2	295	26	8·2	5·4	61	17	6·6	4·3	343	13	7·3	5·2	314	26	10·1	9·5	296	15	5·0	2·7	186
4·0	26	8·9	7·3	281	29	6·3	3·9	306	25	9·0	6·6	295	23	7·8	5·4	67	17	7·2	4·4	346	12	8·7	6·0	396	22	12·1	11·4	299	14	5·5	3·7	181
4·5	25	8·6	6·9	281	29	7·1	3·9	291	23	9·7	7·5	296	20	6·9	4·8	62	16	6·5	4·7	342	9	9·8	6·6	299	20	12·4	11·6	297	14	5·1	3·3	193
5·0	25	9·5	7·5	281	28	8·2	4·7	284	21	9·9	7·9	298	18	6·5	3·5	71	15	5·6	4·0	321	9	9·0	5·9	289	19	13·9	12·7	297	13	4·4	2·5	201
5·5	24	10·3	8·7	276	28	9·5	6·4	276	19	11·1	9·2	289	16	5·0	2·0	71	14	5·4	3·4	308	8	6·8	4·7	294	14	11·8	9·9	293	13	4·5	0·9	184
6·0	23	11·8	10·4	271	27	10·1	7·6	271	19	1..6	9·7	289	15	4·6	1·6	69	13	5·6	3·1	3·7	8	7·6	6·1	292	12	10·1	7·1	284	13	4·9	0·3	13
6·5	23	13·3	11·9	269	27	11·0	8·9	268	18	12·6	11·7	287	13	5·3	1·5	33	11	5·7	3·7	285	7	7·1	4·8	299	12	11·5	8·8	292	12	5·5	0·9	250
7·0	20	14·4	12·9	269	27	12·8	10·7	274	16	13·9	12·7	294	13	5·9	1·4	321	9	6·5	5·6	274	7	8·1	5·6	300	10	11·9	8·3	279	12	5·2	1·5	268
7·5	20	16·1	14·2	274	25	13·5	11·6	278	15	14·6	13·5	289	12	7·0	1·6	306	8	7·7	6·1	258	7	9·3	6·5	302	10	13·8	10·1	274	12	6·2	2·3	243
8·0	17	15·8	14·2	270	25	15·1	13·5	276	15	16·3	15·0	288	12	7·6	2·3	302	6	7·9	7·6	222	7	9·6	6·3	289	9	16·1	11·5	264	11	6·1	1·6	270
8·5	16	16·4	14·3	265	24	16·6	15·1	270	14	17·9	16·3	284	11	8·0	2·2	275	5	7·9	7·6	216	6	10·6	7·3	274	8	17·1	12·6	255	10	6·5	3·1	265
9·0	12	18·5	16·0	264	21	19·5	18·0	264	11	19·7	18·2	280	10	8·7	4·1	68	5	7·5	6·9	217	5	9·9	8·8	257	6	13·1	9·3	275	10	7·8	4·5	269
9·5	10	20·3	19·1	259	19	22·7	21·3	267	9	24·1	22·4	276	9	10·4	5·2	265	3	7·7	7·3	237	3	5·3	4·2	245	6	16·0	12·4	278	9	9·2	5·3	260
10·0	6	16·1	14·8	262	17	25·5	23·5	265	4	30·7	30·5	266	8	12·1	6·0	270	3	7·3	7·0	240	2	2·7	2·3	184	6	18·3	14·9	277	6	10·9	9·2	250
10·5	5	19·7	18·8	356	11	25·1	23·5	207	3	32·2	31·6	272	7	11·8	5·8	264	3	5·5	5·3	231	1	4·0	4·0	235	3	22·0	19·2	255	5	7·5	6·1	262
11·0	5	22·8	22·0	259	6	23·2	22·2	264	2	37·5	37·5	270	7	10·5	4·1	256	3	3·0	2·8	234	1	4·0	4·0	240	2	21·0	18·5	246	5	8·5	6·6	269
11·5	5	19·9	19·5	258	5	23·2	21·2	258	1	38·0	38·0	270	5	6·7	2·2	221	3	2·8	2·6	217	1	5·0	5·0	220	2	27·3	26·5	239	3	6·2	6·1	271
12·0	2	19·0	19·0	242	4	19·3	18·2	251	..	..	..	..	5	7·2	2·8	171	3	3·8	3·2	226	..	..	..	..	1	2..·5	22·5	250	3	7·0	6·8	273
12·5	1	20·5	20·5	225	2	25·7	25·5	240	..	..	..	..	4	9·4	6·1	175	3	4·2	3·5	235	..	..	..	..	1	24·5	24·5	260	..	..	..	..
13·0	..	..	..	..	2	31·5	31·4	236	..	..	..	..	2	11·7	10·6	138	3	7·7	6·9	242	..	..	..	..	..	..	..	..	..	..	..	..
13·5	..	..	..	..	1	27·0	27·0	235	..	..	..	..	1	9·0	9·0	185	2	7·5	7·2	241	..	..	..	..	..	..	..	..	..	..	..	..
14·0	..	..	..	..	1	31·5	31·5	245	..	..	..	..	1	10·0	10·0	180	2	6·3	6·1	244	..	..	..	..	..	..	..	..	..	..	..	..
14·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	2	5·7	5·7	247	..	..	..	..	..	..	..	..	..	..	..	..

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.—*Monthly means of direction and velocity of upper winds, June 1923*—contd.

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.				Bombay. 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	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	30	3·6	2·8	262	30	1·6	1·2	356	31	0·9	0·1	191	22	6·3	5·8	262	..	..	..	..	32	1·9	1·6	181	30	0·6	0·5	131	30	3·5	2·5	232
0·5	30	9·3	6·7	283	..	..	..	..	30	7·2	1·3	278	..	..	..	..	25	6·7	5·1	191	31	7·4	6·1	215	..	..	..	..	29	7·2	6·6	258
1·0	30	9·0	7·8	295	..	..	..	..	29	5·0	2·3	297	22	6·9	6·6	272	18	5·6	4·7	209	26	6·6	4·7	239	..	..	..	..	20	6·7	5·7	275
1·5	29	9·2	8·1	300	..	..	..	..	28	4·3	3·0	293	22	8·9	8·0	279	16	5·3	4·0	223	25	6·1	4·5	271	..	..	..	..	11	5·8	4·3	290
2·0	26	8·1	7·4	310	..	..	..	..	27	4·8	3·7	303	18	7·6	5·6	301	13	5·6	3·0	260	21	7·6	6·4	278	29	3·1	1·2	219	8	6·1	4·5	303
2·5	25	7·8	7·1	304	30	5·7	4·8	319	24	5·1	3·7	314	13	6·0	2·4	331	9	6·8	4·6	303	16	8·5	6·4	289	30	4·5	3·1	299	6	5·2	4·3	308
3·0	21	6·9	6·1	297	30	6·5	6·1	316	20	5·3	3·5	321	11	5·5	2·4	350	9	7·7	5·8	311	13	9·2	7·6	310	30	5·9	4·9	308	5	5·3	3·7	300
3·5	20	7·1	5·4	293	28	6·5	6·1	311	19	5·9	3·8	320	8	6·2	3·2	341	7	6·8	4·8	322	9	11·2	9·7	322	29	7·1	6·2	296	4	4·7	3·9	296
4·0	19	6·9	4·8	292	23	6·1	5·6	307	18	7·0	4·5	318	7	7·2	2·4	343	4	4·9	2·9	318	5	9·4	7·7	312	26	7·2	6·3	282	4	5·0	3·2	269
4·5	17	6·7	4·5	268	22	6·1	5·1	307	18	7·7	5·3	315	7	7·1	1·8	315	4	3·4	1·4	278	4	10·3	9·5	326	25	7·5	5·8	272	4	4·6	3·1	271
5·0	17	8·6	6·6	268	21	5·5	4·5	299	16	7·0	6·2	309	6	5·7	1·6	263	3	2·3	1·7	300	3	12·5	11·5	326	22	8·5	5·1	258	3	6·7	3.9	271
5·5	14	8·6	7·2	266	21	5·6	4·6	277	12	6·7	5·4	294	4	6·4	0·8	246	3	2·5	0·8	115	1	9·0	9·0	305	19	8·6	4·7	250	3	5·2	3·6	258
6·0	12	7·9	7·3	267	19	6·8	6·3	265	10	8·6	7·9	280	4	5·7	2·1	113	3	3·5	0·6	28	..	..	..	..	19	8·8	5·0	274	3	5·8	3·2	227
6·5	11	10·3	9·5	258	19	8·1	7·6	261	9	10·8	10·7	275	4	5·0	1·7	41	2	3·0	1·1	216	..	..	..	..	18	9·3	6·7	281	3	5·0	2·5	225
7·0	10	11·3	10·7	255	19	9·8	9·0	257	9	13·0	12·8	269	4	4·3	1·3	94	1	3·0	3·0	305	..	..	..	..	16	11·3	8·7	280	2	3·3	3·0	185
7·5	9	12·3	12·2	256	17	11·3	10·3	260	9	15·2	14·7	267	4	4·5	2·3	105	1	2·5	2·5	315	..	..	..	..	15	12·5	9·4	277	2	4·3	3·4	166
8·0	9	13·6	13·4	257	16	12·7	12·0	259	9	16·9	16·5	264	4	4·1	2·3	103	1	1·0	1·0	360	..	..	..	..	11	13·6	10·0	274	2	4·7	3·3	190
8·5	9	15·4	15·0	252	14	14·1	13·1	260	9	18·8	18·4	268	4	3·4	1·3	112	1	3·0	3·0	350	..	..	..	..	9	12·1	9·3	286	1	5·5	5·5	165
9·0	8	16·4	16·1	246	14	15·7	14·7	263	7	18·1	17·5	273	4	4·1	2·3	128	1	3·0	3·0	345	..	..	..	..	9	13·2	10·5	278	1	6·5	6·5	170
9·5	6	14·9	14·5	248	12	16·9	16·0	265	6	18·8	18·0	267	3	5·3	4·0	94	1	3·0	3·0	335	..	..	..	..	4	18·5	15·9	272	1	5·5	5·5	190
10·0	5	12·2	11·9	254	6	12·7	12·2	258	6	20·3	19·1	266	3	4·7	3·5	94	1	4·0	4·0	350	..	..	..	..	2	26·5	26·5	257	1	5·5	5·5	190
10·5	5	11·6	11·0	259	5	14·8	14·4	253	1	17·0	17·0	250	3	4·5	2·7	96	1	3·5	3·5	330	..	..	..	..	1	18·0	18·0	255	1	6·0	6·0	185
11·0	5	9·9	8·9	258	4	13·7	13·3	252	..	..	..	..	2	5·3	3·0	111	1	4·5	4·5	310	..	..	..	..	..	..	..	..	..	..	..	..
11·5	3	6·3	5·4	283	2	14·7	14·5	247	..	..	..	..	1	5·0	5·5	55	1	3·0	3·0	310	..	..	..	..	..	..	..	..	..	..	..	..
12·0	2	6·7	5·0	261	..	..	..	..	..	..	..	..	1	6·0	6·0	75	1	3·5	3·5	315	..	..	..	..	..	..	..	..	..	..	..	..
12·5	1	13·0	13·0	285	..	..	..	..	..	..	..	..	1	9·5	9·5	85	1	4·0	4·0	320	..	..	..	..	..	..	..	..	..	..	..	..
13·0	1	11·0	11·0	290	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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.—*Monthly means of direction and velocity of upper winds, July 1923*—contd.

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.				Diamond Harbour (Calcutta). Height above sea 0·01 Km.				Quetta. Height above sea 1·68 Kms.				Bombay. 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	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	32	3·9	1·2	98	26	0·9	0·4	360	29	0·4	0·2	56	7	9·5	9·4	267	..	..	..	..	28	1·4	0·9	158	32	1·0	0·9	153	26	4·5	3·5	235
0·5	32	6·0	1·4	133	..	..	..	..	29	4·5	2·5	122	..	..	..	..	19	7·5	6·2	184	31	7·5	5·3	215	..	..	..	..	24	10·6	10·1	257
1·0	30	6·1	1·0	69	..	..	..	..	29	4·0	1·7	123	7	11·0	10·9	269	12	8·0	7·7	225	25	7·5	5·9	226	..	..	..	..	4	9·4	9·2	269
1·5	30	6·3	2·2	39	..	..	..	..	28	3·8	0·7	105	7	14·8	14·7	264	6	8·5	7·7	231	20	6·6	5·2	216	..	..	..	..	2	9·5	9·3	270
2·0	31	6·6	2·7	25	..	..	..	..	25	4·3	0·3	92	5	17·4	17·3	267	5	7·1	6·7	227	13	4·3	3·6	209	32	2·6	1·8	178	..	..	..	..
2·5	27	6·9	3·5	81	26	4·0	1·5	312	24	4·9	1·0	2	2	14·7	14·5	277	3	5·3	4·9	221	10	4·7	4·1	200	32	3·3	2·0	69	..	..	..	..
3·0	27	7·3	3·9	83	26	4·5	1·4	314	20	5·4	2·1	337	..	..	..	..	2	4·7	4·4	203	7	5·0	4·0	190	30	5·7	4·5	297	..	..	..	..
3·5	23	6·3	2·8	25	22	5·3	1·1	314	17	5·2	3·6	346	..	..	..	..	2	3·3	2·2	191	5	5·9	5·7	188	29	6·1	5·3	300	..	..	..	..
4·0	21	6·0	2·1	48	17	6·3	1·7	295	17	5·6	3·8	351	..	..	..	..	1	2·0	2·0	115	4	5·0	4·9	183	27	5·5	4·3	302	..	..	..	..
4·5	21	6·0	2·0	71	16	6·0	2·3	305	16	5·8	3·8	335	..	..	..	..	1	4·0	4·0	100	3	5·2	4·9	160	26	5·2	1·6	311	..	..	..	..
5·0	18	5·9	2·0	111	12	7·0	2·8	283	16	6·4	4·1	328	..	..	..	..	1	6·0	6·0	105	2	4·7	4·6	175	24	5·6	0·7	96	..	..	..	..
5·5	18	5·8	2·2	113	10	6·1	2·5	274	14	6·4	3·8	319	..	..	..	..	1	7·0	7·0	115	2	5·0	4·9	157	24	5·6	1·4	125	..	..	..	..
6·0	17	6·5	2·2	120	9	6·2	4·1	231	12	6·8	4·0	292	..	..	..	..	1	8·0	8·0	125	2	6·0	5·5	131	23	6·4	0·7	45	..	..	..	..
6·5	16	6·5	1·8	141	8	8·9	7·1	247	12	8·0	5·5	267	..	..	..	..	1	8·0	8·0	120	1	9·5	9·5	145	23	7·5	2·3	335	..	..	..	..
7·0	14	6·8	2·6	132	8	10·6	9·4	241	11	10·2	8·7	251	..	..	..	..	1	8·5	8·5	115	..	..	..	..	21	8·2	4·9	336	..	..	..	..
7·5	13	6·8	2·5	143	7	11·6	10·9	240	10	12·0	10·8	257	..	..	..	..	1	8·0	8·0	120	1	3·5	3·5	150	20	8·7	5·1	341	..	..	..	..
8·0	12	6·9	3·1	170	7	11·9	11·4	244	10	11·5	10·7	261	..	..	..	..	..	..	..	..	1	4·0	4·0	135	19	9·1	5·1	338	..	..	..	..
8·5	10	5·6	2·1	164	7	12·9	12·2	245	8	12·1	11·2	260	..	..	..	..	..	..	..	..	..	..	..	..	17	10·1	5·5	338	..	..	..	..
9·0	10	7·0	3·8	171	6	14·4	13·9	245	5	10·6	9·8	266	..	..	..	..	..	..	..	..	..	..	..	..	16	9·8	5·1	329	..	..	..	..
9·5	10	8·3	4·2	168	5	15·8	15·1	246	5	10·6	9·6	270	..	..	..	..	..	..	..	..	..	..	..	..	14	8·8	4·7	373	..	..	..	..
10·0	9	10·4	4·6	167	4	18·4	18·0	247	5	11·2	10·2	268	..	..	..	..	..	..	..	..	..	..	..	..	13	9·1	4·6	327	..	..	..	..
10·5	9	10·3	4·9	158	2	19·5	19·3	258	5	11·8	10·7	273	..	..	..	..	..	..	..	..	..	..	..	..	9	7·8	3·7	356	..	..	..	..
11·0	9	10·0	4·7	158	2	19·3	19·3	250	4	8·7	7·4	276	..	..	..	..	..	..	..	..	..	..	..	..	8	7·4	2·9	322	..	..	..	..
11·5	8	9·7	6·4	131	1	23·5	23·5	255	3	7·0	6·8	250	..	..	..	..	..	..	..	..	..	..	..	..	6	6·8	4·2	298	..	..	..	..
12·0	7	9·3	6·5	142	..	..	..	..	2	8·3	8·3	261	..	..	..	..	..	..	..	..	..	..	..	..	6	7·4	4·6	303	..	..	..	..
12·5	5	8·8	5·4	140	..	..	..	..	1	6·5	6·5	265	..	..	..	..	..	..	..	..	..	..	..	..	5	6·8	6·2	277	..	..	..	..
13·0	4	6·0	0·6	214	..	..	..	..	1	5·0	5·0	295	..	..	..	..	..	..	..	..	..	..	..	..	4	7·5	7·2	292	..	..	..	..
13·5	3	6·7	1·9	245	..	..	..	..	1	6·0	6·0	290	..	..	..	..	..	..	..	..	..	..	..	..	4	8·1	7·6	258	..	..	..	..
14·0	3	6·7	1·3	189	..	..	..	..	1	6·0	6·0	295	..	..	..	..	..	..	..	..	..	..	..	..	2	7·0	7·0	274	..	..	..	..
14·5	2	8·7	0·8	76	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3·0	3·0	305	..	..	..	..
15·0	2	12·3	2·5	71	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15·5	2	12·5	2·7	101	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16·0	2	16·7	2·4	251	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16·5	1	14·0	14·0	55	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17·0	1	15·0	15·0	60	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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.—*Monthly means of direction and velocity of upper winds, August 1923*—contd.

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.				Diamond Harbour (Calcutta.) Height above sea 0·01 Km.				Quetta. Height above sea 1·68 Kms.				Bombay. 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	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	31	3·2	0·1	31	20	1·1	0·5	3	31	0·2	0·2	121	14	7·3	6·9	260	..	..	..	..	27	2·0	0·9	195	31	1·3	1·1	138	30	4·9	4·3	226
0·5	31	5·9	1·1	313	..	..	..	..	30	4·5	2·0	172	..	..	..	..	8	9·3	8·4	217	25	7·4	3·7	24[illegible]	..	..	..	..	26	10·2	9·9	246
1·0	31	5·9	1·2	28	..	..	..	..	29	4·3	1·6	204	14	8·5	8·2	261	5	8·4	8·0	239	19	6·2	2·9	246	..	..	..	..	9	10·3	10·1	249
1·5	28	5·9	2·4	92	..	..	..	..	27	3·9	1·2	252	13	9·7	9·6	269	1	0·5	0·5	245	16	5·7	3·3	245	..	..	..	..	..	..	..	..
2·0	26	6·0	3·4	93	..	..	..	..	25	4·0	0·3	265	13	9·6	9·4	278	1	1·0	1·0	305	10	5·4	3·8	229	31	3·0	2·6	171	..	..	..	..
2·5	23	6·4	3·7	89	20	3·4	0·8	21	22	4·3	0·1	263	8	9·9	9·8	278	1	1·0	1·0	350	7	5·7	4·0	207	30	4·0	3·0	259	..	..	..	..
3·0	22	6·7	3·8	83	20	3·7	0·8	137	18	5·1	1·1	291	7	9·5	8·8	280	1	1·0	1·0	25	6	4·7	2·5	210	30	5·9	5·3	297	..	..	..	..
3·5	19	6·9	3·8	79	18	3·1	0·6	133	14	4·1	1·2	337	5	7·2	6·0	274	1	1·5	1·5	20	6	4·8	1·6	185	30	7·3	6·5	300	..	..	..	...
4·0	18	7·2	4·7	81	15	3·0	2·1	120	12	4·4	0·7	76	4	5·0	4·3	265	1	[illegible]·0	3·0	5	6	4·4	[illegible]·0	153	31	6·1	4·1	305	..	..	..	..
4·5	17	6·4	4·0	87	13	3·4	2·1	123	10	3·9	1·3	44	2	2·5	2·2	183	1	4·0	4·0	60	5	3·8	3·1	147	29	6·3	0·8	356	..	..	..	..
5·0	15	6·5	5·7	92	10	3·5	1·8	136	9	4·1	1·1	14	1	1·5	1·5	310	1	5·0	5·0	110	5	5·3	4·8	145	16	6·6	0·6	103	..	..	..	..
5·5	14	7·5	6·5	95	10	3·8	0·8	138	9	5·1	0·4	187	1	2·0	2·0	255	1	6·5	6·5	130	4	7·5	7·2	143	19	5·8	1·4	125	..	..	..	..
6·0	13	8·0	7·2	94	9	5·4	2·1	148	8	4·7	1·7	212	1	4·5	4·5	195	..	..	..	..	3	6·3	5·7	138	18	5·0	1·9	127	..	..	..	..
6·5	11	8·1	7·4	95	9	7·6	3·3	137	7	4·8	2·9	207	1	6·0	6·0	165	..	..	..	..	2	6·3	5·9	127	18	4·8	1·5	229	..	..	..	..
7·0	11	7·6	6·9	95	9	6·5	2·1	155	7	5·1	2·2	219	..	..	..	..	..	..	..	..	2	6·5	6·1	130	17	4·8	2·7	250	..	..	..	..
7·5	11	7·0	6·2	90	9	5·4	2·7	215	6	4·3	1·6	287	..	..	..	..	..	..	..	..	2	8·5	8·1	133	15	5·6	2·9	249	..	..	..	..
8·0	11	6·6	6·0	86	8	5·7	1·3	213	6	5·8	1·7	330	..	..	..	..	..	..	..	..	1	13·0	13·0	145	5	5·9	3·6	202	..	..	..	..
8·5	9	6·5	5·3	81	6	6·7	3·5	237	6	7·1	1·9	314	..	..	..	..	..	..	..	..	1	12·0	12·0	140	14	6·1	3·9	259	..	..	..	..
9·0	7	5·4	4·0	66	6	7·2	4·8	238	6	8·6	2·1	328	..	..	..	..	..	..	..	..	1	12·0	12·0	135	14	6·7	4·2	251	..	..	..	..
9·5	5	4·6	3·6	79	5	9·0	6·9	246	6	9·0	1·6	335	..	..	..	..	..	..	..	..	..	..	..	..	14	6·4	3·7	249	..	..	..	..
10·0	5	5·0	4·2	64	4	7·4	4·6	246	6	9·8	1·4	289	..	..	..	..	..	..	..	..	..	..	..	..	13	7·5	4·6	249	..	..	..	..
10·5	5	5·0	4·4	77	3	6·0	2·3	194	5	9·8	1·1	335	..	..	..	..	..	..	..	..	..	..	..	..	12	8·0	5·6	231	..	..	..	..
11·0	5	4·7	4·1	56	2	7·3	4·1	107	5	9·1	0·6	287	..	..	..	..	..	..	..	..	..	..	..	..	11	9·0	6·1	2[illegible]6	..	..	..	..
11·5	3	3·2	2·3	22	2	7·5	5·4	109	4	11·1	1·4	22	..	..	..	..	..	..	..	..	..	..	..	..	10	10·5	8·0	216	..	..	..	..
12·0	3	3·8	3·5	45	1	10·0	10·0	85	3	14·5	3·2	45	..	..	..	..	..	..	..	..	..	..	..	..	9	10·9	7·9	207	..	..	..	..
12·5	1	2·5	2·5	320	1	11·0	11·0	85	3	14·7	1·7	31	..	..	..	..	..	..	..	..	..		..	..	6	11·4	8·1	207	..	..	..	..
13·0	1	4·0	4·0	50	1	13·5	13·5	75	3	16·2	0·9	355	..	..	..	..	..	..	..	..	..	..	..	..	4	10·5	9·9	241	..	..	..	..
13·5	1	6·0	6·0	60	1	16·0	16·0	80	2	20·5	8·2	254	..	..	..	..	..	..	..	..	..	..	..	..	4	10·5	10·1	246	..	..	..	..
14·0	1	5·5	5·5	80	1	17·0	17·0	85	1	31·0	31·0	270	..	..	..	..	..	..	..	..	..		..	..	2	14·0	13·3	153	..	..	..	..
14·5	1	5·5	5·5	80	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	12·7	11·7	256	..	..	..	..
15·0	1	6·0	6·0	65	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	13·3	11·4	253	..	..	..	..
15·5	1	10·0	10·0	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	14·0	11·8	252	..	..	..	..
16·0	1	13·0	13·0	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	20·0	20·0	260	..	..	..	..
16·5	1	18·5	18·5	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17·0	1	20·5	20·5	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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.—*Monthly means of direction and velocity of upper winds, September 1923*—contd.

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.			
	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	27	2·4	0·7	268	27	1·5	1·2	6	30	0·3	0·1	160
0·5	27	7·5	4·9	291	..	..	..	..	30	5·4	2·3	264
1·0	26	5·2	3·0	313	..	..	..	..	29	3·7	1·9	282
1·5	26	3·7	2·2	348	..	..	..	..	29	3·1	1·3	290
2·0	26	4·2	3·1	9	..	..	..	..	29	3·5	1·5	284
2·5	25	4·0	3·2	6	27	3·7	2·6	340	29	3·7	1·9	307
3·0	26	4·0	2·2	353	27	3·2	1·2	6	29	4·3	2·6	3.5
3·5	26	3·8	1·7	279	26	4·0	1·1	113	29	5·3	3·4	321
4·0	25	4·0	2·0	251	23	4·5	2·2	151	29	5·5	3·3	32.
4·5	24	4·5	2·4	234	21	4·4	2·6	179	28	5·5	2·6	305
5·0	25	4·4	2·9	223	18	5·1	3·8	205	25	6·6	2·9	203
5·5	25	5·2	3·3	215	18	7·1	6·1	222	24	7·7	5·1	253
6·0	25	5·8	3·4	221	18	9·0	7·7	231	24	9·2	7·2	252
6·5	24	6·4	3·6	225	17	11·5	10·2	234	24	12·1	10·1	257
7·0	24	7·1	4·1	221	16	13·8	12·2	238	22	13·8	12·0	257
7·5	24	7·4	3·8	226	16	16·5	14·8	243	20	15·9	14·3	253
8·0	24	7·8	4·3	235	16	19·6	17·5	245	17	18·8	17·4	255
8·5	24	7·9	4·7	235	12	20·7	18·4	242	15	23·5	22·0	250
9·0	24	8·3	4·6	240	8	23·3	21·3	245	14	25·7	24·9	249
9·5	24	8·7	5·1	245	4	23·3	22·5	252	11	25·9	25·3	252
10·0	23	8·3	5·3	249	1	19·0	19·0	255	9	27·2	26·7	254
10·5	22	8·9	5·1	253	1	21·5	21·5	250	6	28·1	27·9	257
11·0	21	9·2	6·3	248	..	..	..	..	2	19·7	19·5	257
11·5	19	8·1	4·4	239	..	..	..	..	2	19·7	19·5	261
12·0	17	8·7	4·4	239	..	..	..	..	2	20·7	20·5	268
12·5	14	8·7	4·7	216	..	..	..	..	..	..	..	..
13·0	13	8·6	4·6	215	..	..	..	..	..	..	..	..
13·5	13	9·3	4·7	210	..	..	..	..	..	..	..	..
14·0	13	9·7	4·9	205	..	..	..	..	..	..	..	..
14·5	12	10·5	4·9	200	..	..	..	..	..	..	..	..
15·0	10	10·3	4·6	161	..	..	..	..	..	..	..	..
15·5	8	11·3	3·4	144	..	..	..	..		..	..	..
16·0	6	11·6	3·6	109	..	..	..	..	..	..	..	..
16·5	6	13·8	5·3	122	..	..	..	..	..	..	..	..
17·0	5	14·5	11·9	91	..	..	..	..	..	..	..	..
17·5	4	13·9	12·5	74	..	..	..	..	..	..	..	..
18·0	3	15·3	14·7	92	..	..	..	..	..	..	..	..
18·5	2	15·3	14·7	99	..	..	..	..	..	..	..	..
19·0	1	19·0	19·0	115	..	..	..	..	..	..	..	..
19·5	1	18·0	18·0	115	..	..	..	..	..	..	..	..

Height above sea Kms.	Bangalore. Height above sea 0·92 Km.				Akyab. Height above sea 0·01 Km.				Diamond Harbour (Calcutta). Height above sea 0·01 Km.			
	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	9	4·8	4·2	266	..	..	..	..	29	1·2	0·5	142
0·5	..	..	..	..	28	4·7	3·4	139	28	5·6	3·2	68
1·0	19	5·2	4·8	271	27	4·9	3·4	152	27	5·6	3·5	151
1·5	18	7·3	6·7	276	25	5·5	3·8	153	27	5·3	3·3	145
2·0	15	7·3	6·7	28	22	5·7	3·9	155	25	5·1	3·6	135
2·5	13	7·0	5·6	290	19	5·7	4·1	145	25	5·3	3·9	134
3·0	12	7·5	5·9	293	17	5·3	4·9	142	22	6·0	4·0	130
3·5	11	7·7	5·4	294	12	4·1	3·8	133	20	6·1	3·6	132
4·0	7	6·8	5·5	288	12	4·0	3·7	114	19	6·2	4·1	138
4·5	6	7·0	5·6	284	11	4·7	4·3	109	18	5·7	4·6	125
5·0	5	7·7	5·1	273	10	5·1	4·8	107	16	5·4	4·8	128
5·5	5	7·1	3·3	281	9	5·9	5·6	110	14	5·4	4·5	125
6·0	3	6·3	0·5	360	9	6·6	6·1	109	13	5·8	4·8	118
6·5	..	..	..	..	6	8·2	7·9	114	13	6·1	5·2	120
7·0	..	..	..	..	6	9·3	8·9	115	9	5·9	5·4	113
7·5	..	..	..	..	5	9·3	9·1	105	8	5·6	4·9	120
8·0	..	..	..	..	4	16·4	10·2	98	7	7·1	5·8	116
8·5	..	..	..	..	3	11·2	11·1	107	4	6·3	5·6	88
9·0	..	..	..	..	2	9·7	9·7	109	4	7·0	5·6	91
9·5	..	..	..	..	2	12·5	12·1	100	3	7·8	7·5	119
10·0	..	..	..	..	2	14·5	13·9	97	3	8·7	8·5	14
10·5	..	..	..	..	1	15·0	15·0	80	1	5·0	5·0	125
11·0	..	..	..	..	1	15·5	15·5	85	1	5·0	5·0	110
11·5	..	..	..	..	..	..	..	..	1	6·5	6·5	110
12·0	..	..	..	..	..	..	..	..	1	6·5	6·5	105
12·5	..	..	..	..	..	..	..	..	1	6·0	6·0	95
13·0	..	..	..	..	..	..	..	..	1	5·5	5·5	80
13·5	..	..	..	..	..	..	..	..	1	5·5	5·5	70
14·0	..	..	..	..	..	..	..	..	1	5·5	5·5	65
14·5	..	..	..	..	..	..	..	..	..	..	..	..
15·0	..	..	..	..	..	..	..	..	..	..	..	..
15·5	..	..	..	..	..	..	..	..	..	..	..	..
16·0	..	..	..	..	..	..	..	..	..	..	..	..
16·5		..	..	..	..	..	..	..	..	..	..	..
17·0	..	..	..	..	..	..	..	..	..	..	..	..
17·5	..	..	..	..	..	..	..	..	..	..	..	..
18·0	..	..	..	..	..	..	..	..	..	..	..	..
18·5	..	..	..	..	..	..	..	..	..	..	..	..
19·0	..	..	..	..	..	..	..	..	..	..	..	..
19·5	..	..	..	..	..	..	..	..	..	..	..	..

Height above sea Kms.	Quetta. Height above sea 1·68 Kms.				Bombay. Height above sea 0·01 Km.			
	n	V	v	L	n	V	v	L
Ground level.	30	0·5	0·3	116	27	2·0	0·7	260
0·5	..	..	..	..	26	4·0	3·1	286
1·0	..	..	..	..	17	4·9	3·5	280
1·5	..	..	..	..	9	3·4	1·4	278
2·0	30	1·9	0·8	298	5	2·7	0·8	237
2·5	30	4·1	3·2	302	4	4·4	1·7	155
3·0	29	7·1	5·7	297	3	4·2	1·7	169
3·5	29	8·2	6·2	294	1	3·0	3·0	290
4·0	27	9·2	6·8	291	1	3·5	3·5	360
4·5	26	10·3	7·4	296	..	..	..	..
5·0	25	9·9	8·3	297	..	..	..	..
5·5	23	7·2	5·8	286	..	..	..	..
6·0	22	7·5	5·9	273	..	..	..	..
6·5	22	9·4	8·0	269	..	..	..	..
7·0	22	11·4	9·8	270	..	..	..	..
7·5	21	11·3	9·4	267	..	..	..	..
8·0	20	13·3	12·5	268	..	..	..	..
8·5	20	15·1	14·3	269	..	..	..	..
9·0	17	16·1	15·1	270	..	..	..	..
9·5	15	17·1	16·3	267	..	..	..	..
10·0	12	18·6	17·8	26	..	..	..	..
10·5	9	18·7	17·3	257	..	..	..	..
11·0	7	17·8	16·4	261	..	..	..	..
11·5	5	18·3	17·1	260	..	..	..	..
12·0	4	18·6	17·1	260	..	..	..	..
12·5	3	12·5	12·1	234	..	..	..	..
13·0	3	14·7	14·3	242	..	..	..	..
13·5	2	14·3	13·8	250	..	..	..	..
14·0	..	..	..	..	..	..	..	..
14·5	..	..	..	..	..	..	..	..
15·0	..	..	..	..	..	..	..	..
15·5	..	..	..	..	..	..	..	..
16·0	..	..	..	..	..	..	..	..
16·5	..	..	..	..	..	..	..	..
17·0	..	..	..	..	..	..	..	..
17·5	..	..	..	..	..	..	..	..
18·0	..	..	..	..	..	..	..	..
18·5	..	..	..	..	..	..	..	..
19·0	..	..	..	..	..	..	..	..
19·5	..	..	..	..	..	..	..	..

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.—*Monthly means of direction and velocity of upper winds, October 1923*—contd.

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.				Diamond Harbour (Calcutta). Height above sea 0·01 Km.				Quetta. Height above sea 1·68 Kms.				Bombay. 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	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	31	2·1	1·2	296	30	1·6	1·0	359	29	0·4	0·2	46	23	3·2	1·3	22	..	..	..	..	31	0·7	0·6	20	31	0·8	0·4	157	31	3·7	2·9	307
0·5	31	5·8	3·5	304	..	..	..	..	29	5·2	0·5	292	..	..	..	..	28	4·1	1·4	90	31	3·8	1·4	19	..	..	..	..	31	4·1	2·7	4
1·0	31	5·8	4·4	306	..	..	..	..	28	4·0	1·3	308	23	3·8	1·4	30	25	3·1	0·7	157	29	4·2	2·6	17	..	..	..	..	31	3·9	3·2	54
1·5	31	5·5	4·7	309	..	..	..	..	28	4·2	2·2	293	23	5·2	3·0	57	25	3·8	1·2	169	28	5·3	2·9	358	..	..	..	..	31	4·4	3·8	66
2·0	31	6·4	5·6	313	..	..	..	..	28	5·3	3·3	289	21	4·9	3·3	30	25	3·7	1·1	167	27	5·8	2·6	320	31	2·7	1·2	243	28	4·3	3·4	66
2·5	31	6·8	6·0	317	30	4·6	2·5	329	28	6·2	4·0	293	20	4·9	3·5	344	23	3·7	0·8	200	25	5·9	3·5	274	31	5·1	3·4	286	27	4·2	2·1	77
3·0	31	7·0	6·0	319	30	5·7	2·6	317	27	6·3	4·3	306	20	5·1	2·9	311	23	3·6	1·6	229	24	6·9	5·4	251	30	7·4	5·7	295	27	4·5	0·8	95
3·5	31	5·9	4·9	318	28	6·0	2·2	322	27	6·7	4·7	304	17	6·4	3·4	286	22	3·7	2·5	232	22	9·0	7·8	244	30	8·7	6·6	293	26	4·3	0·9	18
4·0	31	6·0	4·3	301	28	6·5	2·8	309	26	6·3	4·5	300	15	6·6	3·6	297	21	4·8	3·9	229	21	9·6	8·3	243	29	9·5	8·1	299	26	4·4	1·7	337
4·5	31	6·3	4·4	284	28	6·1	3·4	294	25	6·5	4·8	299	15	5·7	3·1	309	19	6·1	5·1	238	20	9·1	8·5	249	27	11·0	9·1	296	26	4·3	2·0	308
5·0	31	7·7	6·4	273	27	6·5	4·3	291	25	8·0	6·2	90	13	4·5	1·1	344	19	6·4	5·0	245	19	9·4	8·8	253	25	9·8	8·6	305	25	4·1	2·8	291
5·5	31	9·7	8·7	266	27	7·6	5·7	282	24	9·1	7·4	295	12	4·8	2·1	35	18	6·4	4·8	245	19	10·4	9·8	256	24	7·8	6·7	308	25	5·0	4·1	284
6·0	31	11·8	10·6	259	27	8·7	7·2	277	23	9·4	7·9	295	9	4·6	4·3	66	16	5·7	3·8	241	17	11·1	10·5	254	23	8·1	7·3	306	25	6·2	4·8	287
6·5	31	13·4	12·2	258	26	10·2	8·8	272	23	10·3	8·5	290	9	4·3	4·2	69	15	5·8	4·0	253	15	11·7	10·6	254	23	8·8	7·6	299	25	6·7	5·0	285
7·0	31	15·4	14·2	257	26	12·4	10·9	272	22	12·2	10·2	288	8	4·6	4·5	86	14	6·8	4·6	255	11	11·9	10·5	257	24	10·1	8·7	298	23	8·5	6·5	287
7·5	31	17·7	16·7	259	26	14·3	13·1	267	22	14·4	12·5	282	8	5·4	5·1	88	13	7·5	4·6	253	8	14·8	13·7	253	24	12·7	11·6	295	18	8·0	6·1	273
8·0	31	20·6	19·7	258	26	16·4	15·5	262	22	15·7	14·2	278	7	6·3	5·7	84	12	8·2	6·0	258	4	12·5	10·8	253	20	14·3	13·4	288	16	9·4	7·3	266
8·5	29	20·7	19·9	259	25	19·3	18·2	260	21	17·9	16·9	274	6	7·0	6·7	83	12	8·4	6·4	260	3	10·0	8·4	249	20	16·2	15·1	284	13	10·6	8·6	260
9·0	28	23·1	22·3	260	22	20·3	19·0	260	19	20·5	19·2	270	5	6·9	6·8	85	12	9·2	7·6	258	1	7·0	7·0	260	18	16·1	15·5	283	10	11·3	10·2	262
9·5	24	23·7	22·6	262	18	22·4	21·3	256	17	22·9	21·4	269	3	6·7	5·6	83	12	9·9	8·3	262	..	..	..	..	14	15·5	14·4	282	6	9·1	7·6	253
10·0	21	25·3	24·3	259	12	22·5	20·6	256	13	22·3	20·7	264	2	5·5	5·5	100	10	10·6	8·9	262	..	..	..	..	13	17·2	16·0	276	3	9·5	9·0	239
10·5	16	24·8	23·2	259	10	24·3	22·4	254	9	23·7	21·1	263	2	7·5	7·5	114	6	8·4	6·4	267	..	..	..	..	12	18·2	17·0	269	..	..	..	..
11·0	11	29·9	27·9	257	6	21·2	20·1	266	7	28·2	25·0	254	1	16·5	16·5	120	5	9·1	7·0	267	..	..	..	..	11	20·7	19·1	266	..	..	..	..
11·5	6	24·3	23·9	256	5	24·0	22·6	266	3	23·7	17·6	267	..	..	..	..	4	10·9	10·5	260	..	..	..	..	7	23·2	21·2	267	..	..	..	
12·0	6	28·0	27·4	251	4	28·9	27·0	266	3	27·3	20·2	271	..	..	..	..	4	12·3	12·0	257	..	..	..	..	6	26·4	24·6	261	..	..	..	..
12·5	6	31·2	30·3	249	..	34·5	33·3	278	1	30·0	30·0	240	..	..	..	..	4	14·0	13·2	255	..	..	..	..	4	27·1	26·6	249	..	..	..	..
13·0	4	30·7	29·8	250	..	..	..	..	1	31·5	31·5	285	..	..	..	..	3	14·8	14·0	254	..	..	..	..	2	24·0	22·8	254	..	..	..	..
13·5	3	30·0	29·8	250	..	..	..	..	..	..	..	..	..	..	..	..	1	15·5	15·5	240	..	..	..	..	2	29·0	25·9	261	..	..	..	..
14·0	3	29·8	29·6	251	..	..	..	..	..	..	..	..	..	..	..	..	1	16·0	16·0	235	..	..	..	..	..	..	..	..	..	..	..	..
14·5	3	29·5	29·2	258	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15·0	2	17·3	17·1	256	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15·5	2	17·7	17·6	272	..	..	..			..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	..
16·0	2	17·5	17·3	274	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16·5	2	18·3	17·7	271	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	..
17·0	1	13·0	13·0	290	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17·5	1	11·0	11·0	295	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18·0	1	9·0	9·0	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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.—*Monthly means of direction and velocity of upper winds, November 1923*—contd.

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.				Diamond Harbour (Calcutta). Height above sea 0·01 Km.				Quetta. Height above sea 1·68 Kms.				Bombay. 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	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	30	1·7	0·7	279	30	2·3	0·2	66	29	0·0	0·0	..	34	3·6	1·6	33	..	..	..	..	30	1·7	1·6	11	30	0·5	0·3	113	30	2·2	2·0	59
0·5	30	5·4	2·6	342	..	..	..	..	29	4·3	2·6	330	..	..	..	..	25	3·6	2·1	79	29	6·2	5·0	25	..	..	..	..	30	4·7	4·1	56
1·0	30	5·4	3·5	322	..	..	..	..	30	4·0	3·4	316	33	4·8	2·4	44	24	3·3	1·9	147	29	5·5	4·1	9	..	..	..	..	30	3·6	2·5	73
1·5	30	5·7	4·3	303	..	..	..	..	30	4·1	3·4	319	33	5·8	3·4	37	25	4·0	2·7	188	28	5·6	3·4	1	..	..	..	..	30	3·6	1·8	130
2·0	30	6·7	5·7	308	..	..	..	..	30	4·8	3·5	320	33	4·8	3·1	25	23	4·3	3·1	213	24	4·9	2·8	323	30	2·0	1·1	337	30	4·3	1·9	169
2·5	29	7·2	6·3	299	30	4·0	0·7	185	30	4·8	3·1	313	33	4·9	2·8	33	23	5·1	3·9	232	23	4·9	3·0	294	30	3·5	2·5	314	30	4·3	1·1	174
3·0	29	8·1	6·8	286	30	4·2	0·7	156	29	5·1	3·4	296	31	5·5	2·9	66	20	5·3	3·9	249	22	6·0	4·8	283	30	5·2	3·8	310	30	4·7	0·9	235
3·5	30	9·9	8·7	279	30	4·7	1·1	216	29	6·3	4·5	278	27	5·5	3·2	77	20	5·4	4·1	262	21	7·6	6·8	283	30	6·1	4·5	297	28	5·4	1·9	296
4·0	30	10·9	9·9	273	28	5·3	2·3	249	28	7·1	5·4	275	23	5·9	3·9	93	20	6·0	4·7	267	21	9·1	8·4	282	30	7·5	5·5	287	28	5·8	2·2	299
4·5	30	12·3	11·4	273	27	6·6	4·1	257	27	8·9	7·3	272	22	6·7	4·7	89	20	7·1	5·3	273	20	10·3	9·5	279	30	9·2	7·5	274	28	6·4	2·5	289
5·0	30	14·4	13·5	272	27	9·0	6·9	263	27	10·9	9·2	271	22	7·3	5·9	90	20	7·7	6·1	283	20	11·8	10·8	279	29	10·7	9·1	267	26	6·3	1·9	278
5·5	30	17·2	16·3	272	26	11·7	10·1	265	27	12·6	11·1	274	22	8·1	6·5	83	18	8·3	6·9	279	19	13·1	11·9	282	27	12·8	11·7	265	26	6·6	2·4	267
6·0	30	19·5	18·5	270	26	14·6	13·4	267	27	15·0	13·5	275	21	8·3	6·4	83	18	8·4	7·4	271	19	14·4	13·0	280	26	14·9	14·0	265	25	6·9	3·2	261
6·5	30	22·6	21·5	270	26	17·8	16·8	267	26	17·7	16·2	275	20	8·1	6·0	88	17	9·5	8·3	270	18	16·6	14·9	278	26	17·7	16·8	263	25	7·3	3·6	248
7·0	30	26·1	24·9	268	26	20·8	19·5	265	26	20·0	18·7	271	19	8·1	5·5	93	17	10·3	9·0	267	14	17·8	16·0	277	28	20·7	19·9	266	23	7·2	3·6	259
7·5	29	28·4	26·9	267	25	24·4	23·0	265	25	22·9	21·9	270	18	7·9	5·0	87	15	9·8	8·0	260	10	16·1	13·7	282	28	24·5	23·4	264	20	8·4	6·0	249
8·0	29	30·6	29·1	265	24	28·2	26·3	266	21	26·9	25·7	268	16	6·5	3·1	102	13	11·2	9·3	264	5	13·1	12·5	310	20	27·7	26·8	264	17	7·1	4·9	243
8·5	27	33·0	31·4	266	19	29·6	28·2	267	19	30·4	28·6	270	12	5·3	1·4	91	11	11·2	9·4	270	2	10·0	9·7	292	14	28·4	27·8	262	13	5·1	3·6	235
9·0	24	34·9	34·2	268	12	34·1	32·1	266	19	34·6	32·8	269	10	4·9	1·2	140	10	10·7	9·2	271	2	10·5	10·5	290	8	28·4	27·3	261	13	5·7	4·7	251
9·5	19	35·7	34·8	265	7	37·3	35·1	262	15	37·5	35·3	267	8	5·2	2·6	172	7	11·7	11·4	269	1	13·5	13·5	280	5	27·0	26·9	268	12	6·8	5·5	240
10·0	17	37·7	36·8	267	1	37·0	37·0	240	11	42·2	40·7	263	8	5·5	3·3	177	5	14·7	13·5	267	1	16·5	16·5	285	3	26·2	26·0	273	9	8·2	7·4	221
10·5	14	38·2	37·4	269	..	..	..	..	5	45·2	42·6	264	7	5·8	4·5	197	5	16·8	15·5	265	1	16·0	16·0	280	3	27·8	27·8	277	8	9·6	8·5	230
11·0	8	35·7	35·1	271	..	..	..	..	3	44·0	41·9	276	5	6·2	5·8	205	3	12·8	11·5	263	..	..	..	..	2	24·3	24·3	277	7	11·9	11·0	227
11·5	5	30·5	30·3	265	..	..	..	..	2	41·3	38·3	282	2	11·0	10·7	269	3	14·2	12·8	261	..	..	..	..	1	30·5	30·5	270	5	13·7	13·4	223
12·0	4	42·7	42·6	263	..	..	..	..	1	33·5	33·5	250	1	13·5	13·5	190	3	15·3	14·6	264	..	..	..	..	1	28·0	28·0	265	5	16·4	15·6	216
12·5	3	47·7	47·2	259	..	..	..	..	1	32·5	32·5	255	..	..	..	..	3	16·2	15·4	262	..	..	..	..	1	35·0	35·0	265	4	19·9	18·9	218
13·0	2	54·7	54·7	267	..	..	..	..	1	32·0	32·0	245	..	..	..	..	2	1 5	12·9	248	..	..	..	..	..	..	..	..	4	22·5	21·3	215
13·5	..	..	..	..	..	..	..	..	1	40·0	40·0	240	..	..	..	..	1	15·0	15·0	220	..	..	..	..	..	..	..	..	4	22·1	20·8	217

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.—*Monthly means of direction and velocity of upper winds, December 1923*—concld.

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.				Diamond Harbour (Calcutta). Height above sea. 0·01 Km.				Quetta. Height above sea 1·68 Kms.				Bombay Height above sea 0·01 Km				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	n	V	v	L
Ground level.	30	2·1	0·5	289	30	3·3	1·4	151	23	0·3	0·3	29	28	4·8	4·6	75	..	..	..	..	31	1·1	1·1	8	31	0·7	0·3	157	31	2·9	2·5	52	24	0·9	0·8	193
0·5	30	5·5	2·2	4	..	..	..	..	26	4·7	2·9	341	..	..	..	..	27	3·7	0·9	65	31	5·8	5·1	16	..	..	..	..	31	5·6	4·3	93	24	2·0	0·6	121
1·0	30	5·3	2·4	301	..	..	..	..	31	4·1	1·6	338	28	6·0	5·8	89	27	3·4	1·4	201	31	5·9	5·3	349	..	..	..	..	31	3·9	2·5	125	24	2·0	1·1	313
1·5	30	6·0	3·2	283	..	..	..	..	31	3·5	0·9	298	28	6·7	6·5	94	26	4·0	1·4	236	31	6·3	5·7	336	..	..	..	..	31	3·6	2·7	158	24	4·2	3·7	332
2·0	30	6·9	4·5	273	..	..	..	..	30	4·0	0·8	239	27	6·6	5·8	91	26	4·6	2·7	256	31	7·1	6·2	328	29	2·4	0·7	291	31	4·4	3·0	165	24	3·8	2·3	346
2·5	29	7·6	5·9	276	30	4·9	2·2	124	29	5·3	1·6	217	24	5·9	4·4	102	26	4·7	3·2	276	31	8·0	6·8	312	30	4·0	2·2	310	31	4·9	2·0	186	24	4·7	1·1	6
3·0	29	9·0	7·7	270	30	4·8	2·8	145	26	6·3	2·8	240	23	6·5	3·7	110	26	5·2	4·6	276	31	8·6	7·4	296	31	6·3	4·4	309	31	5·8	1·6	245	23	5·1	0·2	356
3·5	29	10·1	9·1	271	29	5·8	3·1	163	22	7·0	3·7	247	23	6·7	4·3	106	26	6·2	5·8	274	30	9·4	7·8	281	29	8·9	6·7	300	30	6·1	3·0	261	23	5·8	1·0	258
4·0	29	12·5	11·3	271	29	6·8	2·9	192	22	8·2	4·6	258	22	6·9	4·8	98	26	7·5	7·0	275	29	10·8	10·0	275	26	11·3	9·1	289	30	6·6	4·6	268	23	7·1	2·5	257
4·5	29	14·5	13·4	269	27	7·4	4·6	237	22	9·5	6·1	263	20	7·8	5·1	88	25	8·3	7·7	274	27	13·4	12·6	268	24	18·4	10·7	289	30	7·5	5·6	271	21	7·9	3·9	261
5·0	29	16·2	15·1	268	26	9·8	7·3	254	22	11·6	8·9	267	18	7·5	4·6	86	25	9·7	8·9	272	25	15·3	14·4	267	23	15·3	12·1	281	28	9·2	7·0	267	19	8·7	6·1	279
5·5	29	18·2	17·1	269	25	11·7	9·0	257	20	13·1	11·5	275	18	6·4	3·4	84	24	10·9	9·9	270	24	16·3	15·3	265	23	18·2	14·7	274	27	10·1	8·0	269	17	9·9	8·0	287
6·0	29	21·5	20·4	272	24	13·5	11·4	264	18	14·8	13·0	272	17	5·6	2·4	99	24	12·1	10·9	269	23	17·7	16·8	264	17	18·3	15·6	286	27	11·7	10·0	271	15	10·8	9·1	284
6·5	29	24·8	23·7	269	24	16·3	14·0	265	15	16·5	14·7	273	17	5·3	1·3	93	23	13·6	12·3	265	19	18·0	17·2	266	13	19·8	16·5	284	23	12·9	11·4	269	15	12·1	10·0	281
7·0	29	27·8	26·5	269	21	17·3	15·7	262	13	17·1	15·1	269	17	5·2	0·9	124	22	15·2	14·2	261	17	19·5	18·2	264	11	22·6	18·4	286	19	12·0	10·7	263	14	14·0	11·3	276
7·5	29	31·5	30·1	267	21	20·7	18·9	264	11	18·8	16·5	275	15	5·5	1·3	177	22	17·0	16·3	259	13	21·0	19·9	265	6	24·7	23·1	279	17	13·1	11·7	264	14	15·6	12·6	278
8·0	27	34·4	33·2	270	19	24·3	22·5	263	7	17·5	14·4	286	15	6·4	2·0	213	20	19·4	18·6	260	8	22·6	21·3	259	4	28·6	26·5	210	13	13·0	12·3	263	12	13·5	11·6	280
8·5	23	36·6	35·2	271	18	28·7	27·5	268	6	20·5	17·6	272	12	6·1	4·1	237	20	21·0	20·0	259	2	19·0	18·1	293	4	33·0	31·0	291	11	14·8	14·2	262	8	12·7	9·7	274
9·0	18	39·9	38·6	272	13	29·9	28·6	264	2	27·3	26·9	272	11	7·6	6·3	221	16	21·0	20·0	261	1	23·5	23·5	295	1	15·0	15·0	300	10	17·4	16·5	263	8	14·7	11·2	272
9·5	13	41·6	40·5	275	7	24·4	23·0	276	1	27·0	27·0	260	8	9·3	8·1	236	11	21·1	20·3	265	..	..	..	..	1	16·0	16·0	305	9	19·9	19·0	256	7	17·3	15·6	261
10·0	10	48·5	47·1	275	4	17·1	15·7	274	1	27·0	27·0	255	6	10·4	9·1	234	7	23·9	22·8	265	..	..	..	..	1	20·0	20·0	305	6	20·9	20·2	255	6	21·7	20·2	264
10·5	5	48·8	48·5	269	4	21·5	20·5	273	..	..	..	..	4	11·1	10·0	230	2	22·0	20·7	266	..	..	..	..	..	..	..	..	2	22·5	21·2	253	5	26·3	22·9	267
11·0	1	39·0	39·0	265	3	23·7	23·3	290	..	..	..	..	4	12·4	11·3	230	..	..	..	..	..	..	..	..	..	..	..	..	1	25·0	25·0	275	4	29·5	27·7	260
11·5	..	..	..	..	2	28·5	28·3	292	..	..	..	..	2	12·3	11·7	231	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	34·1	32·3	257
12·0	..	..	..	..	2	32·7	32·7	282	..	..	..	..	1	9·0	9·0	265	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	35·7	34·9	250
12·5	..	..	..	..	1	31·5	31·5	295	..	..	..	..	1	9·5	9·5	250	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	34·0	33·7	230
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	20·0	20·0	24[illegible]

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.

Both absolute and relative humidities were below normal in parts of the country extending from Sind and Gujarat to Bengal in January, but were above normal in northwest India, the United Provinces and northeast India in February.

In March they were in considerable excess in the Deccan plateau and moderately so in parts of the Central Provinces and the Punjab, while in April the principal feature was a considerable defect in moisture in the central parts of the country. This defect continued in May and the area of dryness extended southwards to Hyderabad and north-eastwards to Bihar. In northeast India on the other hand moisture in the air increased from April to May.

In June the air was drier than usual over the whole country excluding the southwest of the Peninsula, northeast India and Burma, where it was roughly normal; the defect from the normal was unusually great in the Central Provinces and the adjacent parts. From July to September conditions were roughly normal with the exception that in the month of August the air was damper in and about the Punjab and was drier than usual on the Coromandel Coast.

In October the air was distinctly drier than usual in the Deccan plateau and in Gujarat, Berar, Central India West and Bihar, while humidity was more or less in excess in lower Sind, Baluchistan, the Punjab and the United Provinces. The dry weather conditions were accentuated in November when humidity was generally in defect except in the northeast of the Peninsula (including the east of the Central Provinces, Orissa and Chota Nagpur), in parts of Burma and the extreme north. Conditions changed considerably in December and in this month humidity was in excess in Rajputana, the United Provinces and the adjacent parts of the Punjab, and in the tract of country extending from south Hyderabad to Orissa; it was in defect along the northwest frontier and in Sind, Gujarat and the northwest of the Peninsula.

Over India as a whole the absolute amount of vapour present in the air was distinctly less than usual in the months of May, June and October, while relative humidity was considerably less than usual in June.

TABLE 8.—*Departure of the mean monthly and annual aqueous vapour pressure from the normal in the 15 Chief Political Divisions of India in 1923.*

DIVISION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
	"	"	"	"	"	"	"	"	"	"	"	"	"
Burma	+·010	—·001	—·012	+·002	+·001	—·001	—·020	—·011	—·003	—·014	+·040	+·018	+·00[illegible]
Assam	—·008	+·016	—·019	+·031	—·004	—·011	—·005	—·005	—·007	—·032	+·006	+·011	—·002
Bengal	+·022	+·030	—·037	+·028	—·001	+·011	—·017	—·019	+·004	—·038	—·005	+·020	—·003
Bihar and Orissa	—·023	+·051	+·005	+·031	—·019	—·029	+·010	—·007	+·020	—·040	—·006	+·038	+·003
United Provinces	—·001	+·037	+·043	—·012	—·063	—·092	+·021	+·013	+·006	+·016	—·011	+·054	+·004
Punjab	+·018	+·042	+·039	—·020	—·007	—·079	—·011	+·058	—·045	—·012	—·019	+·018	—·001
North-West Frontier Province	—·019	+·033	—·013	—·035	—·017	—·044	—·081	+·043	—·039	—·024	—·057	—·029	—·023
Sind	—·020	+·016	+·001	—·028	—·018	—·102	—·052	+·004	—·055	—·027	—·044	—·063	—·028
Rajputana	—·028	+·008	—·027	—·072	—·034	—·106	—·015	+·001	—·041	—·043	—·035	+·039	—·029
Bombay	—·042	—·001	+·025	—·059	—·060	—·039	—·009	—·015	—·021	—·058	—·059	—·019	—·029
Central India	—·000	+·002	+·036	—·021	—·100	—·153	—·006	—·015	+·014	—·040	—·021	+·038	—·023
Central Provinces	—·021	—·016	+·054	—·064	—·053	—·101	—·001	—·023	+·014	—·063	—·009	+·024	—·021
Hyderabad	—·015	—·028	+·044	—·082	—·097	—·068	+·001	—·021	—·010	—·057	—·050	+·023	—·020
Mysore	—·022	—·020	+·032	—·010	—·047	—·015	—·014	—·012	—·028	—·023	—·046	—·016	—·016
Madras	—·001	—·004	—·007	—·003	—·040	—·014	—·017	—·024	—·004	—·010	—·009	+·016	—·010
Mean of India	—·009	+·010	+·011	—·022	—·036	—·063	—·011	—·004	—·010	—·030	—·014	+·017	—·012

TABLE 9.—*Departure of the mean monthly and annual relative humidity from the normal in the 15 Chief Political Divisions of India in 1923.*

DIVISION.	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.	YEAR.
	%	%	%	%	%	%	%	%	%	%	%	%	%
Burma	—1	0	—2	+3	+2	0	—1	+1	0	0	+1	—1	0
Assam	—1	0	—7	+1	+2	—1	0	—3	+1	—2	—1	—1	—1
Bengal	—4	+3	—4	+1	—1	—1	0	0	0	—1	—2	—1	—1
Bihar and Orissa	—5	+6	—1	+1	—3	—7	+1	+1	0	—2	—2	+2	—1
United Provinces	+1	+7	+4	—3	—6	—14	+1	+2	+1	+5	—1	+7	0
Punjab	+5	+10	+5	—3	+4	—8	+1	+10	—2	+4	0	+4	+3
North-West Frontier Province	—5	+5	—3	—5	+3	—5	—5	+6	—1	+1	—10	—12	—3
Sind	—4	+6	—2	—3	+3	—5	—3	+1	—5	+6	—4	—9	—2
Rajputana	—4	+4	—4	—6	0	—8	0	+7	—1	—2	—2	+10	—1
Bombay	—7	+4	+2	—3	—3	—6	+1	—1	—2	—5	—5	—4	—2
Central India	—8	+1	+1	—2	—7	—19	0	+2	+1	—1	—3	+4	—3
Central Provinces	—6	—3	+6	—6	—5	—18	+2	0	+2	—2	—1	+1	—3
Hyderabad	—1	—1	+9	—7	—8	—13	+3	—2	+2	—3	—5	+2	—2
Mysore	—3	+1	+7	+1	—3	—3	+2	0	—1	—3	—8	0	—1
Madras	+1	0	+1	—1	—3	—4	—2	—4	0	0	—3	+1	—1
Mean of India	—2	+3	+1	—1	—2	—7	0	+1	0	0	—2	+1	—1

Cloud.

In January cloud proportion was in slight excess in Madras and in defect generally in the area bounded by Upper Burma, the United Provinces, Rajputana East, Gujarat and Hyderabad; in February it was in excess from Burma to the North-West Frontier Province, in Gujarat, the Madras Coast North and the Madras Deccan.

During the period March to May the area over which cloud amount was in defect of the normal was markedly differentiated from that over which it was in excess, and embraced large and contiguous tracts of country. Thus there was appreciably less cloud than usual over northwest India, the United Provinces, northeast India and north Burma in March, over northwest India and the belt of country from the Konkan to west Bihar in April and over practically the whole of the area to the west of the line running from Darjiling to Cocanada and Negapatam in May. In all the three months there was appreciably more cloud than usual over the rest of the country.

In June skies were abnormally free from cloud over the greater part of the country extending from Mysore northwards to the east Punjab on one side and to west Bihar on the other; but in July with the establishment of the monsoon in the interior of the country the departures from the normal conditions were not very great over any large areas. Skies were in general more clouded than usual in northwest India in August; while over the rest of the country cloud proportion was roughly normal. In September cloud proportion was markedly in defect over northwest India and in marked excess over the northern half of the Peninsula, the Central Provinces, the United Provinces West, north Assam and north Burma.

During the next month the percentage of cloud amount was above the average over south Bengal, Chota Nagpur, Orissa, the Madras Coast North, the Bombay Deccan and to the north of the line joining lower Sind and the southeast Punjab; while in Gujarat, east Rajputana and the greater part of Hyderabad, of Central India and of the Central Provinces, skies were less clouded than usual. The proportion of cloud in November was above normal over Bengal, Bihar and Orissa, the Central Provinces, the Madras Coast North and the Bombay Deccan, and below it in west Hyderabad, southeast Madras, and in the northwest of the country. In December cloud proportion was mostly in excess over the Peninsula, the central parts of the country, the United Provinces West, Orissa, Chota Nagpur, Bengal, northeast Assam and Burma excluding Tenasserim; it was in defect in Baluchistan, Sind, and the adjecent parts of Rajputana and of Gujarat.

On an average over the plains of India there was distinctly more cloud than usual in February, August and December, and a marked defect in cloud proportion in the month of June.

TABLE 10.—*Departure of the mean monthly and annual cloud amount from the normal in the 15 Chief Political Divisions of India in 1923.*

DIVISION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
Burma	—0·1	+0·8	0	+0·9	+0·3	+0·4	+0·4	+0·8	0	0	+0·4	+0·6	+0·4
Assam	0	+0·8	—1·8	+1·3	+1·5	+0·1	+0·7	—0·1	+1·1	—0·6	—0·1	+0·7	+0·3
Bengal	—0·8	+2·0	—1·2	+0·3	+0·2	+0·3	0	+0·1	—0.7	—0·3	+1·0	+0·3	+0·1
Bihar and Orissa	—0·8	+1·5	—0·7	—0·6	—0·9	—1·4	—0·6	—0·5	—0·7	+0·3	+0·8	+0·2	—0·3
United Provinces	—1·0	+0·8	—1·0	—1·2	—0·8	—0·9	+0·1	—0·1	+0·3	+0·1	—0·1	+0·2	—0·3
Punjab	+0·1	+1·7	—0·6	—1·0	+0·3	+0·3	+0·4	+1·2	—0·7	+0·6	—0·6	+0·2	+0·2
North-West Frontier Province	+0·3	+2·5	+0·3	—0·3	+0·9	+1·2	—0·1	+1·6	—0·5	+0·8	—1·0	+0·2	+0·5
Sind	0	—0·4	—1·0	—1·0	+0·1	—0·5	—0·6	+1·1	—0·2	+0·8	—0·3	—0·9	—0·2
Rajputana	—0·7	+0·3	—1·2	—1·0	—0·4	—1·1	—0·5	+0·9	—1·0	—0·1	—0·3	—0·4	—0·5
Bombay	—0·4	+0·5	—0·3	—0·5	—0·3	—0·9	+0·6	+0·6	+0·2	—0·5	0	+0·1	—0·1
Central India	—1·5	—0·1	—0·7	—1·1	—1·0	—2·3	—0·2	+0·5	—0·1	—0·4	+0·1	+0·2	—0·5
Central Provinces	—0·6	+0·1	+0·6	—0·2	—0·7	—1·6	+0·7	+0·9	+1·1	—0·3	+0·9	+0·9	+0·1
Hyderabad	—0·4	+0·1	+1.0	—0·2	—0·5	—1·5	0	—0·1	+0·6	—1·0	+0·1	+0·3	—0·1
Mysore	+0·3	+0·5	+1·1	0	—1·6	—1·0	+0·3	—0·6	—0·4	—0·2	—1·8	+1·2	—0·2
Madras	+1·0	+0·6	+0·9	+0·3	0	—0·1	+0·7	+0·1	+0·6	+0·5	+0·1	+1·5	+0·5
Mean of India	—0·3	+0·8	—0·3	—0·2	—0·2	—0·6	+0·2	+0·5	0	0	+0·1	+0·4	0

Rainfall.

I.—*The cold weather period, January and February.*—There were two revivals of the monsoon in the south of the Bay during the month of January: the first which occurred in the second week, was associated with a depression which moved from the east of Ceylon to the extreme south of the Peninsula and caused widespread rain in south Madras, with locally heavy rain along the south Coromandel Coast; the second resulted in fairly widespread rain in southeast Madras between the 25th and 27th.

The western disturbances of January gave rain chiefly in the region extending from Baluchistan to the west of the United Provinces; over the rest of the country, excluding the south of the Peninsula, weather was unusually dry during this month. In February the disturbances followed a more southerly track than usual and caused abnormally heavy rain over the whole of northern India and the northeast of the Peninsula; the heaviest precipitation occurred on the hills and the submontane plains of the Punjab and of the United Provinces, and on and near the coast of the Circars, Orissa and southwest Bengal. Over most of Burma and the south and west of the Peninsula on the other hand weather was much drier than usual.

The total rainfall of the period was largely above normal in Bengal, Orissa, Chota Nagpur, the Punjab, Kashmir, the North-West Frontier Province, Gujarat, Hyderabad South and Madras (excluding Malabar); it was in slight to moderate excess in the Bay Islands, Bihar, the United Provinces, Baluchistan, Sind and Hyderabad North, and normal in Assam, Rajputana West and Malabar. Elsewhere rainfall was generally in moderate to large defect.

II.—*The hot weather period, March to May.*—As many as eight disturbances came from the west during the month of March, but they gave much less rain than usual over the whole of northern India, excluding Kashmir and the North-West Frontier Province, although in the central parts of the country the associated rainfall was abundant for the time of year. The western disturbances that entered India during the month of April gave rain chiefly in the Punjab and the surrounding hills in northwest India, and on passing eastwards they stimulated the inflow of humid winds from the Bay into northeast India and caused widespread and locally heavy rain in Assam and parts of Bengal. Two of the four disturbances that appeared in northwest India during the month of May induced a strong indraught of humid winds both from the Bay and the Arabian Sea and caused abundant rain over most of the division.

In the Peninsula widespread rainfall occurred in south Madras about the middle of March in connection with unsettled conditions passing westwards from the south of the Bay. During April thunderstorms were fairly frequent in the first ten days in the Peninsula and the Central Provinces but during the rest of the month rain fell only in local showers in Mysore and south Madras; and this comparatively dry weather continued throughout the month of May in the Peninsula and the central parts of the country.

A temporary advance of the monsoon occurred in the Bay in the last week of April and gave rise to two storms. The first formed in the neighbourhood of Table Island on the 27th and died out at sea off the Arakan coast on the 29th; and the strong monsoon to the south of it caused very heavy

rain on the south Burma coast in the last four days of the month. The second storm, which formed in the middle of the Bay on the 2nd May and developed into a severe cyclone as it advanced northeastwards, crossed the coast near Cox's Bazar on the morning of the 6th, and caused extensive damage in the coastal districts ; the rainfall associated with it was very heavy on the Arakan coast on the 5th and 6th, and extended later into Upper Burma and northeast India also. Another feeble temporary advance of the monsoon in the south east of the Bay gave rain over the greater part of Burma between the 17th and 24th. During most of May the indraught of humid winds from the Bay into northeast India was fairly strong, but it was mainly directed to Assam so that weather was drier than usual in Bihar and Orissa and the Gangetic plain.

The total rainfall of the period was in moderate to large excess in the southwest Punjab, Berar, the Bombay Deccan and Hyderabad North. It was normal in the Bay Islands, Burma, Assam, the Punjab East and North, Kashmir, the North-West Frontier Province, the Central Provinces West, Mysore and the Madras Deccan, and in slight defect in Bengal, Baluchistan, Hyderabad South and Madras Southeast. Elsewhere it was in moderate to large defect.

III.—*The Monsoon Period, June to September.*—Both branches of the monsoon were late ; the Bay current was very spasmodic on the Burma coast until the beginning of June, while the Arabian Sea current set in on the west coast on the 11th, a week behind time. The Bay monsoon was established in Assam and Bengal at the beginning of the second week, and during the rest of the month it was vigorous in Burma and Assam, and fairly so in Bengal ; but it gave much less rain than usual in Bihar and Orissa, and was abnormally weak in the United Provinces. The Arabian Sea monsoon was also very weak and failed to extend into the interior of the country ; and even on the west coast it gave rain chiefly in Malabar and the south Konkan.

The beginning of July coincided with a strengthening of both currents and an extension of monsoon rainfall into the interior of the country ; aided by a depression which advanced from Chota Nagpur to Rajputana the monsoon had extended into northwest India by the close of the first week. It then weakened in the Gangetic plain, but continued vigorous on the west coast and the heavy rain which fell in Coorg and the Ghats bordering Mysore between the 8th and 11th caused floods in the Tunga and Cauvery, and in the rivers of the South Canara district ; in the Udipi taluk of this district several villages are reported to have been washed away and 10,000 people rendered homeless. In the next ten days monsoon activity alternated between the Peninsula and northern India ; and the heavy rains on the Western Ghats (13″ to 18″ fell on the 18th at stations at high elevations in the Kolaba district) are reported to have caused floods in the Kolaba district, Kolhapur and the Portuguese territory of Goa ; in the last-mentioned area several towns and villages were inundated with great damage to property and distress among the inhabitants. In the last week the monsoon weakened in the Peninsula, but continued active in northern India and under the influence of a depression gave locally heavy rain from south Bengal to east Rajputana ; there was also very heavy rain at this time on the Arakan coast, where rainfall continued to be heavy in the beginning of August resulting in the flooding of an area of 233,000 acres in the Bassein district. An idea of the heavy falls on the Ghats bordering Mysore in this month may be gathered from the rainfall recorded in the Malnad taluks in the Shimoga and Kadur districts : the monthly totals of certain stations are given below with their corresponding normals in brackets: Sagar 80·5″ (29·4″), Nagar 81·3″ (41·1″), Thirthahalli 99·9″ (48·4″), Koppa 97·7″ (46·0″), Mudgere 68·0″ (32·4″), Narasimharajapura 65·1″ (23·1″) and Sringeri 102·3″ (58·6″). In Coorg the total fall was 58″ against a normal of 36″, while for Malabar district the corresponding figures were 47″ and 34″.

During the month of August the distribution of rainfall over northeast and central India was largely influenced by four depressions, three of which travelled upto the northwest of the Central Provinces, while one filled up over Chota Nagpur. These produced a concentration of heavy rain along their tracks ; and the Bay monsoon gave fairly good rain over the rest of its usual field of activity. On the other hand the Arabian Sea monsoon was strongly directed to northwest India at the expense of the Peninsula ; over the whole of northern India excluding Gujarat the monsoon was unusually active and extended frequently into Kashmir, the North-West Frontier Province and northeast Baluchistan. This unusual activity was partly due to the passage of ill-defined depressions from Persia across the extreme north of India. A noteworthy feature of the rainfall of the month in northwest India was the heavy falls that occurred at several stations : the month's total was 3·62″ at Jacobabad and 14·95″ at Lyallpur, their annual normals being 3·68″ and 14·4″ respectively. In the Peninsula the weakness that had set in at the close of July presisted throughout August and the month's fall was in large defect except in Malabar, where however abnormally heavy rainfall continued causing floods in the rivers of Malabar and South Canara.

September was a striking contrast to August in that the Arabian Sea monsoon displayed its activity mainly in the Peninsula and the central parts of the country, and extended but seldom into northwest India. Hence there was a large excess of rainfall in the north of the Peninsula and a large defect over the whole of northwest India, weather being dry or almost so in the soutwest Punjab, Baluchistan, Sind and west Rajputana. The Bay current was fairly active in Burma and northeast India, and, although very weak in the Gangetic plain in the first fortnight, gave very heavy rain in the United Provinces in the last ten days, resulting in high floods in the Gumti.

The total rainfall of the period was in excess in the Bay Islands, Lower Burma, Chota Nagpur, the Punjab Southwest, Rajputana East, Central India, the Central Provinces West, Mysore and Malabar ; in the last-mentioned subdivision the excess amounted to 30·1″. and in Lower Burma to 22·4″. It was in slight to moderate defect in Orissa, Bihar, Sind, Gujarat and Madras (excluding Malabar). Roughly normal amounts were received elsewhere. Averaged over the plains of India as a whole rainfall was above normal by 1·7″ or 5 per cent.

IV.—*The retreating southwest monsoon period, October to December.*—After giving a final burst of widespread and

locally heavy rain in the United Provinces and the central parts of the country the monsoon retreated from the Gangetic plain on the 4th October and from northeast India and Upper Burma by the 14th. On the 16th the usual "northeast" monsoon set in in southeast Madras and in the next week gave rain chiefly to the south of a line joining Cuddalore and Calicut; towards the close of the month rainfall extended northwards to the Central Provinces, Orissa and Chota Nagpur under the influence of a depression in the Bay. In northwest India four disturbances appeared from the west and caused rain chiefly in the submontane Punjab and the hills around it.

In the first week of November the monsoon was fairly active in the south of the Peninsula and the unsettled conditions surviving from the depression which filled up on the north Madras coast at the close of October slowly advanced eastwards giving widespread rain in Orissa, Chota Nagpur, deltaic Bengal and north Burma and disappeared on the 4th. Then the monsoon withdrew from the Peninsula and during the rest of the month the rainfall was controlled by a storm which formed to the southwest of Port Blair and advancing in a westnorthwesterly direction recurved off Madras and travelled along the north Madras coast; it gave very heavy rain on the north Madras coast resulting in extensive damage. Outside the area traversed by it the monsoon was very weak and weather was much drier than usual over the greater part of the country. During the month of December the activity of the monsoon was chiefly displayed in the extreme southeast of the Peninsula; a depression which advanced from the south of the Bay and lay over the Gulf of Manaar on the morning of the 16th caused very heavy rain in the extreme southeast, especially in the Tinnevelly district, resulting in disastrous floods in the river Tambaraparni and breaches in several tanks. Another depression which formed in the south of the Bay on the 20th produced an extension of rainfall round the head of the Bay as it advanced northwards and on passing into Upper Burma in an ill defined condition caused widespread rain there on the 28th and 29th. Several western disturbances appeared in northwest India and the winter rains were unusually early and heavy in the Punjab and the United Provinces.

The total rainfall of the season was largely above normal in the United Provinces, the Punjab East and North and the Madras Coast North, and in slight excess in Orissa. It was normal in Burma, Bihar, Kashmir and southeast Madras, and in slight defect in Assam, Rajputana East, and Malabar. Elsewhere rainfall was in moderate to large defect, weather being dry in Sind and Gujarat.

The year—I.—A revival of the monsoon in January caused widespread rain in south Madras; the winter rainfall associated with western disturbances was confined to the Punjab and the surrounding hills in January, while in February it was abundant over the whole of northern India and the northeast of the Peninsula.

II.—During the hot weather months the weather was generally much drier than usual in the Gangetic plain and the central parts of the country.

III.—The monsoon was late in arriving, but gave fairly well distributed rain over most of the country, excluding Sind, Gujarat and parts of Madras, where the amount was decidedly in defect. On the other hand Lower Burma and Malabar had very heavy rain indeed.

IV.—The monsoon retreated from northern India at about the normal date, but was then less vigorous than usual in the Peninsula, its activity being limited to the extreme south of Madras.

V.—The winter rains were unusually early and heavy in northwest India at the close of the year.

VI.—Taking the year as a whole rainfall was fairly well distributed except in Bihar, Sind, Gujarat and the Madras Deccan, where it was in decided defect.

TABLE 11.—*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 . . .	0·02	—0·09	—82	0·12	—0·10	—45	0·31	—0·17	—36	2·64	+1·30	+97	7·55	—1·07	—12	18·73	+3·16	+20
Assam .	0·02	—0·65	—97	2·37	+0·84	+55	0·59	—3·42	—85	10·41	+1·42	+16	15·17	+3·08	+25	22·77	+4·52	+25
Bengal . . .	0	—0·34	—100	2·44	+1·47	+152	0·26	—1·44	—85	2·80	—0·53	—16	6·54	—1·21	—16	11·61	—3·13	—21
Bihar and Orissa	0·03	—0·48	—94	2·38	+1·46	+159	0·16	—0·56	—78	0·48	—0·33	—41	1·22	—1·27	—51	5·95	—2·55	—30
United Provinces .	0·29	—0·52	—64	1·68	+0·96	+133	0·01	—0·46	—98	0·01	—0·24	—96	0·29	—0·38	—57	0·94	—3·45	—79
Punjab . . .	1·06	+0·03	+3	2·17	+1·28	+144	0·41	—0·43	—51	0·33	—0·22	—40	1·38	+0·81	+142	0·59	—1·12	—65
North-West Frontier Province.	1·03	—0·25	—20	3·58	+2·34	+189	1·92	—0·03	—2	1·26	—0·36	—22	1·37	+0·54	+65	0·27	—0·59	—69
Sind . . .	0·04	—0·19	—83	0·56	+0·27	+93	0	—0·23	—100	0·05	—0·06	—55	0·07	—0·08	—53	0	—0·48	—100
Rajputana . .	0·10	—0·22	—69	0·35	+0·06	+21	0·05	—0·17	—77	0·01	—0·16	—94	0·38	—0·12	—24	0·45	—1·78	—80
Bombay . . .	0·02	—0·10	—83	0·14	+0·06	+75	0·82	+0·71	+645	0·29	—0·10	—26	0·49	—0·57	—54	2·43	—6·37	—72
Central India .	0·07	—0·38	—84	0·20	—0·19	—49	0·13	—0·08	—38	0·06	—0·11	—65	0·11	—0·35	—76	0·51	—4·27	—89
Central Provinces .	0·13	—0·38	—75	0·44	—0·36	—45	1·06	+0·53	+100	0·14	—0·33	—70	0·13	—0·53	—80	1·55	—6·32	—80
Hyderabad .	0·05	—0·12	—71	0·49	+0·26	+112	1·00	+0·61	+156	0·64	—0·03	—4	0·34	—0·54	—61	0·99	—3·85	—80
Mysore . .	0·17	+0·05	+42	0·06	—0·07	—54	1·07	+0·76	+245	1·26	—0·20	—14	2·87	—0·71	—20	3·06	—1·74	—36
Madras . . .	3·22	+2·47	+329	0·59	+0·15	+34	1·69	+0·98	+138	0·90	—0·84	—48	1·46	—2·04	—58	7·05	—0·68	—9
Mean of India .	0·48	+0·01	+2	0·99	+0·44	+80	0·59	—0·12	—17	1·23	+0·01	+1	2·63	—0·50	—16	6·04	—1·84	—23

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.
"	"		"	"		"	"		"	"		"	"		"	"		"	"	
19·49	+2·65	+16	23·86	+7·30	+44	8·99	—3·07	—25	6·25	—0·28	—4	1·70	—0·50	—23	0·53	+0·03	+6	90·19	+9·16	+11
14·78	—4·01	—21	12·44	—4·45	—26	14·54	+1·98	+16	4·41	—1·28	—22	0·75	—0·17	—18	0·21	—0·14	—40	98·46	—2·28	—2
14·96	—0·29	—2	14·35	—0·01	0	8·84	—2·26	—20	3·01	—2·09	—41	0·75	—0·05	—6	0·07	—0·10	—59	65·63	—9·98	—13
11·53	—1·02	—8	13·17	+0·22	+2	6·41	—2·22	—26	3·03	—0·06	—2	1·08	+0·46	+74	0·04	—0·10	—71	45·53	—6·45	—12
10·09	—1·42	—12	14·46	+3·23	+29	9·33	+2·95	+46	2·65	+1·31	+98	0·06	—0·11	—65	1·21	+0·91	+303	41·02	+2·78	+7
5·82	+0·55	+10	9·13	+3·71	+68	0·59	—2·18	—79	0·32	+0·01	+3	0·02	—0·09	—82	1·06	+0·67	+172	22·88	+3·02	+15
2·23	—0·35	—14	5·64	+2·18	+69	0·55	—0·63	—53	0·67	+0·34	+103	0	—0·28	—100	0·07	—0·47	—87	18·29	+2·44	+15
0·65	—1·84	—74	2·86	+0·95	+50	0	—0·62	—100	0	—0·05	—100	0	—0·06	—100	0	—0·09	—100	4·23	—2·48	—37
10·78	+3·94	+58	8·59	+1·67	+24	1·85	—1·54	—45	0·08	—0·43	—93	0·02	—0·11	—85	0·56	+0·38	+211	23·17	+1·52	+7
20·16	+5·18	+35	7·95	—1·66	—17	6·19	—0·36	—5	0·23	—2·35	—91	0·01	—0·74	—99	0·06	—0·12	—67	38·79	—6·42	—14
19·41	+8·39	+76	14·90	+3·26	+28	7·64	+1·43	+25	0·21	—0·74	—78	0·06	—0·36	—86	0·44	+0·25	+132	43·14	+6·85	+19
16·93	+3·77	+29	15·52	+3·19	+26	9·11	+2·01	+28	1·01	—0·94	—48	0·08	—0·42	—84	0·07	—0·25	—78	46·17	—0·03	0
9·88	+2·87	+41	2·79	—3·92	—58	10·03	+2·51	+33	0·46	—2·25	—83	0	—0·92	—100	0·01	—0·28	—97	26·68	—5·66	—18
14·84	+7·69	+108	7·03	+1·61	+30	3·74	—1·44	—28	1·64	—3·74	—70	0·28	—2·17	—89	0·13	—0·33	—72	36·15	—0·29	—1
9·63	+1·70	+21	8·07	+1·58	+24	7·07	+1·08	+18	8·56	+0·88	+11	3·59	—2·54	—41	2·89	+0·77	+36	54·72	+3·46	+7
13·21	+2·02	+18	12·90	+1·96	+19	6·63	—0·39	—6	2·71	—0·58	—18	0·77	—0·54	—41	0·63	+0·16	+34	48·16	+0·57	+1

TABLE 12.—*Average over the 33 sub-divisions of the monthly and annual*

Sub-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	1·04	+0·17	+20	1·3	+0·4	0·71	+0·16	+29	0·7	—0·1	0·46	—0·10	—18
2. Lower Burma	0·1	—0·2	0·04	—0·08	—67	0·1	—0·2	0·01	—0·22	—96	0·8	+0·1	0·43	—0·12	—22
3. Upper Burma	0	—0·3	0	—0·10	—100	0·5	—0·1	0·19	—0·02	—10	0·6	—0·4	0·22	—0·21	—49
4. Assam	0·1	—1·5	0·02	—0·65	—97	5·6	+2·2	2·37	+0·84	+55	1·4	—5·0	0·59	—3·42	—85
5. Bengal	0	—0·8	0	—0·34	—100	4·3	+2·7	2·44	+1·47	+152	0·5	—2·0	0·26	—1·44	—85
6. Orissa	0	—0·8	0	—0·44	—100	5·2	+3·4	4·04	+2·86	+242	0·9	—1·0	0·36	—0·72	—67
7. Chota Nagpur	0·1	—1·3	0·03	—0·71	—96	4·9	+2·8	2·82	+1·67	+145	0·5	—1·3	0·19	—0·72	—79
8. Bihar	0·2	—0·7	0·04	—0·38	—90	2·8	+1·3	1·43	+0·74	—107	0·1	—0·9	0·06	—0·41	—87
9. United Provinces, East	0·2	—1·2	0·04	—0·59	—94	2·7	+1·4	1·32	+0·77	+140	0	—0·8	0	—0·32	—100
10. Do. do., West	1·1	—0·8	0·51	—0·45	—47	3·4	+1·8	1·99	+1·12	+129	0·1	—1·2	0·02	—0·58	—97
11. Punjab, East and North	2·5	+0·3	1·29	+0·09	+7	4·1	+2·1	2·46	+1·45	+144	1·1	—0·8	0·46	—0·45	—49
12. Do., South-west	1·3	+0·1	0·37	—0·13	—26	2·7	+1·4	1·32	+0·79	+149	0·7	—0·9	0·26	—0·38	—59
13. Kashmir	6·9	+1·8	5·75	+2·04	+55	9·1	+4·1	6·01	+2·47	+70	3·6	—2·8	3·24	—1·36	—30
14. North-West Frontier Province	2·1	—0·3	1·03	—0·25	—20	6·0	+3·3	3·58	+2·34	+189	3·1	—0·7	1·92	—0·03	—2
15. Baluchistan	3·5	+0·9	1·70	+0·51	+43	3·0	+0·5	1·38	+0·17	+14	2·1	—0·8	0·78	—0·49	—39
16. Sind	0·1	—0·5	0·04	—0·19	—83	1·6	+0·8	0·56	+0·27	+93	0	—0·5	0	—0·23	—100
17. Rajputana, West	0·6	+0·1	0·16	—0·03	—16	0·9	+0·4	0·[illegible]5	+0·02	+9	0·1	—0·4	0·03	—0·15	—83
18. Do., East	0·3	—0·6	0·07	—0·30	—81	1·4	+0·7	0·40	+0·09	+29	0·1	—0·5	0·06	—0·18	—75
19. Gujarat	0	—0·2	0	—0·09	—100	1·0	+0·8	0·28	+0·18	—180	0·1	—0·1	0·03	—0·04	—57
20. Central India, West	0·1	—0·7	0·06	—0·32	—84	0·6	—0·1	0·16	—0·13	—45	0·4	0	0·15	—0·01	—6
21. Do. do., East	0·4	—1·0	0·08	—0·60	—88	1·1	—0·4	0·34	—0·36	—51	0·1	—0·9	0·03	—0·37	—96
22. Berar	0·2	—0·5	0·05	—0·34	—87	0·3	—0·4	0·09	—0·26	—74	3·0	+2·3	1·35	+1·02	+309
23. Central Provinces, West	0·5	—0·7	0·16	—0·49	—75	0·7	—0·7	0·24	—0·47	—66	2·9	+1·7	1·08	+0·49	+83
24. Do. do., East	0·4	—0·5	0·14	—0·32	—70	1·3	0	0·79	—0·32	—29	2·3	+1·0	0·90	+0·30	+50
25. Konkan	0	—0·2	0	—0·10	—100	0·1	0	0·04	—0·01	—29	1·0	+0·9	0·50	+0·44	+733
26. Bombay Deccan	0·1	—0·2	0·05	—0·10	—67	0·3	+0·1	0·08	0	0	3·4	+3·1	1·45	+1·30	+867
27. Hyderabad, North	0·1	—0·2	0·08	—0·09	—53	0·7	+0·2	0·46	+0·24	+109	3·3	+2·6	1·57	+1·21	+336
28. Do., South	0·1	—0·2	0·03	—0·15	—83	1·0	+0·5	0·72	+0·48	—200	1·8	+1·1	0·42	0	0
29. Mysore	0·7	+0·5	0·17	+0·05	+42	0·1	—0·1	0·06	—0·07	—54	2·3	+1·7	1·07	+0·76	+245
30. Malabar	2·1	+0·8	1·27	+0·35	+38	0·1	—0·8	0·06	—0·51	—89	5·0	+2·5	3·00	+1·50	+100
31. Madras, South-east	5·2	+2·9	6·85	+5·87	+599	0·2	—0·5	0·11	—0·36	—77	2·9	+2·1	1·84	+1·33	+261
32. Do., Deccan	0·3	0	0·08	—0·12	—60	1·0	+0·8	0·70	+0·56	+400	1·2	+0·9	0·78	+0·57	+271
33. Do. Coast, North	0·1	—0·4	0·06	—0·32	—84	3·1	+2·5	1·92	+1·53	+392	0·8	0	0·49	—0·01	—2

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.
		"	"				"	"				"	"				"	"	
3·3	+1·2	4·40	+3·10	+238	5·7	—4·5	6·47	—2·47	—28	14·0	—1·9	16·21	+2·09	+15	21·0	+6·1	17·83	+6·32	+55
3·7	+1·7	3·00	+1·58	+111	12·5	—0·2	9·54	—2·75	—22	23·1	+0·7	30·60	+4·73	+18	25·5	+1·2	39·00	+9·09	+30
4·8	+2·2	2·38	+1·09	+84	8·8	+0·8	6·10	+0·14	+2	12·2	+1·2	10·16	+2·03	+25	8·3	—2·1	5·32	—2·03	—28
12·9	+0·9	10·41	+1·42	+16	17·9	+3·9	15·17	+3·08	+25	18·0	+0·2	22·77	+4·52	+25	19·4	+0·4	14·78	—4·01	—21
3·6	—1·0	2·80	—0·53	—16	8·4	—0·5	6·54	—1·[illegible]1	—16	11·7	—2·8	11·61	—3·13	—21	16·5	—0·2	14·96	—0·29	—2
1·9	—0·5	0·80	—0·58	—42	2·5	—2·4	1·35	—1·94	—59	6·8	—4·7	4·22	—5·58	—57	15·0	—3·1	10·74	—2·12	—16
0·6	—0·9	0·25	—0·45	—64	2·0	—1·9	0·82	—1·36	—62	8·7	—1·9	7·46	—1·38	—16	17·5	+2·2	16·17	+3·23	+25
0·8	—0·4	0·45	—0·15	—25	2·3	—0·9	1·35	—0·92	—41	7·8	—0·8	6·09	—1·66	—21	12·8	—0·7	9·77	—2·45	—20
0	—0·5	0	—0·19	—100	0·4	—0·9	0·16	—0·51	—76	2·5	—3·0	1·39	—3·39	—71	14·2	+1·6	11·26	—0·29	—3
0·1	—0·7	0·02	—0·28	—93	1·0	—0·5	0·40	—0·28	—41	1·1	—3·7	0·55	—3·51	—86	10·9	—0·6	9·07	—2·40	—21
0·9	—0·4	0·28	—0·28	—50	2·4	+1·0	1·38	+0·76	+123	1·5	—1·4	0·70	—1·31	—65	7·7	+1·0	7·08	+0·88	+14
1·5	+0·2	0·47	—0·05	—10	2·4	+1·4	1·40	+0·98	+233	0·7	—0·7	0·23	—0·58	—72	3·9	+0·8	2·04	—0·43	—17
4·0	—1·6	1·96	—1·49	—43	4·5	+0·7	3·96	+2·03	+105	2·0	—2·3	1·00	—1·53	—60	7·6	—0·2	6·60	—0·66	—9
2·6	—0·8	1·26	—0·36	—22	3·7	+1·9	1·37	+0·54	+65	0·8	—0·8	0·27	—0·59	—69	3·3	—0·3	2·23	—0·35	—14
1·3	—0·4	0·49	—0·20	—29	1·3	+0·7	0·54	+0·26	+93	0·2	—0·4	0·08	—0·22	—73	1·2	—0·4	0·62	—0·34	—35
0·3	0	0·05	—0·06	—55	0·4	+0·1	0·07	—0·08	—53	0	—0·7	0	—0·48	—100	0·9	—1·6	0·65	—1·84	—74
0·1	—0·3	0·02	—0·14	—87	0·9	0	0·37	—0·07	—16	0·6	—1·4	0·36	—0·95	—73	6·2	+1·7	5·25	+1·82	+53
0	—0·5	0·01	—0·16	—94	0·9	—0·3	0·39	—0·13	—25	1·0	—2·3	0·50	—2·12	—81	11·3	+1·7	13·16	+4·85	+58
0·3	+0·2	0·11	+0·08	+267	0·2	—0·4	0·07	—0·26	—79	0·3	—5·2	0·12	—5·03	—98	10·8	—1·7	9·77	—2·87	—23
0·3	0	0·08	—0·07	—47	0·3	—0·8	0·12	—0·35	—74	1·1	—4·8	0·44	—4·28	—91	17·1	+5·3	21·01	+10·61	+102
0·1	—0·4	0·02	—0·22	—92	0·2	—0·9	0·06	—0·40	—87	1·7	—4·0	0·74	—4·28	—85	15·3	+1·4	14·33	+1·35	+10
0·6	—0·1	0·16	—0·08	—33	0·6	—0·5	0·19	—0·35	—65	2·0	—6·0	1·04	—5·01	—83	18·9	+6·7	13·42	+4·30	+47
0·5	—0·2	0·12	—0·19	—61	0·3	—1·1	0·10	—0·49	—83	2·2	—6·4	0·98	—6·36	—87	20·4	+5·5	19·94	+6·49	+48
0·4	—1·2	0·14	—0·59	—81	0·3	—1·4	0·12	—0·67	—85	4·0	—5·9	2·27	—7·04	—76	19·5	+3·4	16·62	+1·45	+10
0·3	—0·3	0·15	—0·21	—58	0·9	—1·0	0·52	—1·03	—66	10·0	—8·3	9·90	—15·41	—61	29·6	+3·6	64·97	+25·88	+6
1·2	—0·1	0·46	—0·17	—27	1·4	—1·0	0·74	—0·61	—45	2·4	—5·5	1·22	—4·00	—77	14·7	+3·4	10·74	+2·89	+37
2·1	+0·8	6·61	+0·08	+15	0·3	—1·3	0·05	—0·70	—93	1·4	—6·5	0·74	—4·68	—86	13·6	+2·0	10·98	+3·32	+43
1·2	—0·5	0·66	—0·15	—19	1·9	—0·3	0·62	—0·40	—39	1·9	—5·0	1·21	—3·12	—72	12·5	+1·7	8·64	+2·36	+38
2·9	+0·2	1·[illegible]6	—0·20	—14	4·8	—0·8	2·87	—0·71	—20	4·9	—2·3	3·06	—1·74	—36	13·2	+3·5	14·84	+7·69	+103
3·3	—2·4	1·60	—2·24	—58	4·0	—4·9	2·80	—4·59	—62	20·5	+0·1	25·30	+1·48	+6	25·4	+5·8	31·94	+10·44	+49
1·4	—0·6	0·78	—0·51	—40	1·7	—2·0	0·94	—1·59	—63	2·1	—0·8	1·01	—0·54	—35	2·8	—1·0	0·96	—1·26	—58
1·5	+0·3	0·56	—0·06	—10	2·8	—0·2	1·25	—0·42	—25	3·4	—1·0	1·65	—0·71	—30	6·5	+0·2	2·81	—0·40	—12
1·3	—0·3	0·57	—0·36	—39	2·2	—1·0	1·14	—0·97	—46	3·4	—3·3	1·82	—3·05	—63	8·9	—1·0	5·60	—0·92	—14

TABLE 12.—*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	18·0	+2·8	10·07	—1·17	—10	15·5	+1·4	11·68	+0·24	+2	8·3	—1·9	3·13	—3·89	—55
2. Lower Burma	27·1	+3·1	41·67	+13·90	+50	17·3	—1·4	12·50	—5·30	—30	9·8	—0·7	7·25	—0·67	—8
3. Upper Burma	15·3	+3·6	11·18	+2·60	+30	9·1	—1·6	6·48	—1·50	—19	6·9	—0·6	5·54	+0·01	0
4. Assam	15·0	—2·8	12·44	—4·45	—26	16·0	+2·2	14·54	+1·98	+16	5·5	—1·2	4·41	—1·28	—22
5. Bengal	16·8	+0·1	14·35	—0·01	0	10·1	—2·2	8·84	—2·56	—20	3·8	—1·6	3·01	—2·09	—41
6. Orissa	17·4	+1·8	12·13	—0·88	—7	14·7	+2·8	9·19	+0·20	+2	5·4	—0·1	4·68	—0·14	—3
7. Chota Nagpur	20·9	+4·4	22·66	+8·84	+64	7·4	—2·7	4·93	—3·02	—38	2·7	—1·2	1·45	—1·48	—51
8. Bihar	12·3	—1·1	9·28	—3·23	—26	7·1	—1·9	5·64	—3·09	—35	2·2	—0·5	2·95	+0·61	+26
9. United Provinces, East	14·7	+1·9	14·19	+2·86	+25	7·4	0	9·87	+3·06	+44	2·8	+1·1	3·40	+1·53	+82
10. Do. do., West	13·2	+1·7	14·76	+3·56	+32	6·5	+0·5	8·85	+2·89	+48	1·7	+0·8	1·99	+1·11	+126
11. Punjab, East and North	16·5	+3·7	10·32	+3·92	+61	1·2	—2·1	0·71	—2·62	—79	0·8	+0·2	0·40	+0·0[illegible]	+5
12. Do., South-west	7·0	+[illegible]·9	5·63	+3·07	+120	0·5	—0·9	0·23	—0·88	—79	0·3	+0·1	0·10	0	0
13. Kashmir	11·2	+2·6	9·85	+1·[illegible]8	+25	2·4	—1·6	1·18	—2·42	—67	3·6	+1·9	2·10	+1·05	+100
14. North-West Frontier Province	6·4	+2·4	5·34	+2·18	+69	1·2	—0·7	0·55	—0·63	—53	1·4	+0·7	0·67	+0·34	+103
15. Baluchistan	2·5	+0·9	1·68	+0·72	+75	0·1	—0·3	0·0[illegible]	—0·23	—92	0·6	+0·3	0·19	+0·04	+27
16. Sind	2·6	+0·3	2·86	+0·95	+5[illegible]	0	—0·8	0	—0·62	—100	0	0	0	—0·05	—100
17. Rajputana, West	6·6	+1·6	5·03	+0·96	+24	0·3	—2·1	0·14	—1·96	—93	0·1	—0·3	0·02	—0·30	—94
18. Do., East	12·2	+2·6	10·12	+1·98	+24	2·7	—2·1	2·59	—1·37	—35	0·1	—0·6	0·04	—0·48	—92
19. Gujarat	16·1	—0·6	5·34	—2·77	—34	3·3	—2·4	2·62	—2·03	—44	0·2	—1·0	0·04	—0·87	—96
20. Central India, West	13·7	+1·7	12·74	+1·59	+14	7·7	+1·3	7·31	+2·02	+38	0·1	—1·0	0·02	—0·79	—98
21. Do. do., East	20·0	+5·8	22·2[illegible]	+8·93	+67	8·3	+0·6	6·11	—0·56	—9	1·2	—0·5	0·86	—0·57	—40
22. Berar	10·8	+0·5	4·71	—2·20	—3[illegible]	1[illegible]·4	+2·6	8·07	+2·27	+39	0·1	—2·[illegible]	0·[illegible]3	—1·54	—98
23. Central Provinces, West	18·7	+4·1	19·99	+7·08	+55	11·9	+2·6	8·72	+1·14	+15	1·0	—1·4	0·87	—0·95	—52
24. Do. do., East	19·7	+3·9	18·[illegible]8	+3·2	+22	13·7	+3·9	1[illegible]·3	+[illegible]·47	+33	2·4	—0·5	1·64	—[illegible]·61	—27
25. Konkan	26·5	+2·1	22·46	—1·53	—6	12·0	—3·2	13·37	+0·84	+7	0·7	—4·9	0·33	—3·97	—92
26. Bombay Deccan	8·9	—[illegible]·5	4·43	—1·01	—19	8·3	+0·1	5·89	+0·28	+5	0·6	—4·0	0·31	—2·71	—90
27. Hyderabad, North	7·6	—3·[illegible]	3·11	—4·01	—56	12·3	+2·2	11·12	+2·89	+35	0·3	—3·1	0·21	—2·16	—91
28. Do., South	7·0	—3·2	2·47	—3·84	—61	12·4	+2·8	8·94	+2·12	+31	0·7	—3·6	0·68	—2·34	—77
29. Mysore	9·5	+0·5	7·03	—1·61	+30	6·3	—1·8	3·74	—1·44	—28	4·0	—3·9	1·64	—3·74	—70
30. Malabar	23·0	+7·4	26·76	+16·60	+137	14·6	+3·3	9·43	+1·58	+20	10·5	—2·9	9·22	—2·11	—19
Madras, South-east	[illegible]·6	—2·8	0·95	—2·66	—74	5·8	—0·3	4·18	—0·30	—7	11·0	+2·2	9·3[illegible]	+2·21	+31
32. Do. Deccan	2·4	—4·[illegible]	0·86	—3·05	—78	8·4	+0·4	6·38	+0·63	+11	2·6	—3·2	1·32	—2·86	—68
33. Do. Coast, North	7·4	—2·8	3·12	—3·90	—56	13·1	+3·7	10·10	+3·17	+46	6·5	—0·6	9·53	+2·78	+41

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

NOVEMBER.					DECEMBER.					YEAR.				
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.
		"	"				"	"				"	"	
6·3	—·8	4·49	—1·31	—23	5·0	+1·0	1·57	—2·30	—59	99·8	+3·8	78·06	+0·84	+1
3·7	+0·2	2·45	—·29	—11	0·6	—·2	0·33	—0·2[illegible]	—4[illegible]	124·3	+4·1	146·82	+19·65	+15
1·9	—1·0	1·16	—0·66	—36	1·6	+0·7	0·68	+0·23	+51	70·0	+2·4	49·41	+1·58	+3
1·4	—0·1	0·75	—0·17	—18	0·6	—0·2	0·21	—0·14	—4[illegible]	113·8	—1·0	98·46	—2·28	—2
1·2	+0·2	0·75	—0·05	—6	0·2	—0·1	0·07	—0·10	—59	77·1	—8·[illegible]	65·63	—9·98	—13
3·7	+2·33	3·41	+1·93	+130	0·4	0	0·11	—0·11	—50	73·9	+0·7	51·03	—7·52	—13
1·5	+0·8	0·78	+0·38	+95	0·1	—0·2	0·03	—0·11	—79	66·9	—1·2	57·59	+4·89	+9
0·1	—0·3	0·04	—0·25	—86	0·1	—0·1	0·01	—0·08	—89	48·6	—7·0	37·11	—11·27	—23
0·2	—0·2	0·04	—0·15	—79	1·1	+0·7	0·56	+0·34	+155	46·2	+0·1	42·23	+3·06	+8
0·2	—0·1	0·07	—0·08	—53	2·4	+1·6	1·77	+1·41	+392	41·7	—1·2	39·94	+2·51	+7
0·1	—0·2	0·02	—0·11	—85	1·9	+1·0	1·36	+0·92	+209	34·7	+4·4	26·46	+3·27	+14
0	—0·2	0	—0·08	—100	0·5	0	0·16	—0·[illegible]5	—24	21·5	+5·2	12·21	+2·26	+23
0·7	—0·3	0·24	—0·24	—50	2·7	—0·4	1·48	—0·49	—25	58·3	+1·9	43·37	+1·38	+3
0	—0·5	0	—0·28	—100	0·2	—0·9	0·07	—0·47	—87	30·8	+3·3	18·29	+2·44	+15
0	—0·7	0	—0·27	—100	0·2	—1·3	0·09	—0·54	—86	16·0	—1·0	7·57	—0·59	—7
0	—0·1	0	—0·06	—100	0	—0·3	0	—0·09	—100	5·9	—3·3	4·23	—2·48	—37
0	—0·1	0	—0·08	—100	0·4	+0·2	0·21	+0·11	+110	16·8	—0·6	11·84	—0·71	—6
0·1	—0·2	0·02	—0·14	—87	1·4	+0·9	0·71	+0·49	+223	31·5	—1·7	28·07	+2·53	+10
0	—0·3	0	—0·20	—100	0	—0·1	0	—0·04	—100	26·3	—11·0	18·38	—13·94	—43
0·3	—0·4	0.07	—0·38	—84	1·0	+0·6	0·43	+0·26	+153	42·7	+1·1	42·59	+8·15	+24
0	—0·6	0·02	—0·32	—94	1·6	+1·0	0·50	+0·24	+92	50·0	+0·1	45·31	+2·87	+7
0	—1·0	0·01	—0·56	—98	0·1	—0·6	0·05	—0·34	—87	47·0	+0·8	29·17	—3·09	—10
0	—0·8	0	—0·56	—100	0·6	0	0·17	—0·13	—43	59·7	+2·6	52·37	+5·56	+12
0·5	—0·2	0·17	—0·23	—57	0·1	—0·5	0·01	—0·28	—97	65·1	+2·0	50·91	—2·64	—5
0·1	—1·4	0·04	—0·97	—96	0·1	—0·1	0·02	—0·12	—86	81·3	—12·8	112·30	+3·81	+6
0	—1·6	0	—1·01	—100	0·3	—0·2	0·12	—0·16	—57	41·6	—6·4	25·49	—5·30	—17
0	—1·3	0	—0·78	—10[illegible]	0·1	—0·5	0·01	—0·35	—97	41·8	—8·1	28·94	—5·03	—15
0	—1·9	0	—1·06	—100	0	—0·4	0	—0·22	—100	4[illegible]·5	—9·0	24·39	—6·32	—21
0·6	—3·2	0·28	—2·17	—89	0·4	—0·4	0·13	—0·33	—72	49·7	—6·1	36·15	—0·39	—1
6·1	—3·3	3·99	—3·37	—46	2·7	0	2·60	+0·74	+40	117·3	+[illegible]5·6	119·97	+19·87	+20
2·7	—5·7	1·67	—5·81	—78	6·1	+1·9	5·31	+1·93	+57	44·5	—3·6	33·90	—1·65	—5
0·4	—2·9	0·22	—1·96	—90	0·2	—0·5	0·10	—0·31	—76	3[illegible]·7	—9·4	16·71	—8·13	—33
4·2	+0·3	8·41	+4·48	+114	0·2	—0·7	0·07	—078	—92	51·2	—3·6	42·83	+1·65	+4

TABLE 13.—*Average over the 15 chief political divisions of the actual and normal rainfall for the four seasons of the year and for the whole year.*

Division.	January and February.			March to May.			June to September.			October to December.			Whole 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.
	"	"		"	"		"	"		"	"		"	"	
Burma	0·14	—0·19	—58	10·50	+0·06	+1	71·07	+10·04	+16	8·48	—0·75	—8	90·19	+9·16	+11
Assam	2·39	+0·19	+9	26·17	+1·08	+4	64·53	—1·96	—3	5·37	—1·59	—23	98·46	—2·28	—2
Bengal	2·44	+1·13	+86	9·60	—3·18	—25	49·76	—5·69	—10	3·83	—2·24	—37	65·63	—9·98	—13
Bihar and Orissa	2·41	+0·98	+69	1·86	—2·16	—54	37·06	—5·57	—13	4·20	+0·30	+8	45·53	—6·45	—12
United Provinces	1·97	+0·44	+29	0·31	—1·08	—78	34·82	+1·31	+4	3·92	+2·11	+117	41·02	+2·78	+7
Punjab	3·23	+1·31	+68	2·12	+0·16	+8	16·13	+0·96	+6	1·40	+0·59	+73	22·88	+3·02	+15
North-West Frontier Province	4·61	+2·09	+83	4·55	+0·15	+3	8·39	+0·61	+8	0·74	—0·41	—36	18·29	+2·44	+15
Sind	0·60	+0·08	+15	0·12	—0·37	—76	3·51	—1·99	—36	0	—0·20	—100	4·23	—2·48	—37
Rajputana	0·45	—0·16	—26	0·44	—0·45	—51	21·67	+2·29	+12	0·61	—0·16	—21	23·17	+1·52	+7
Bombay	0·16	—0·04	—20	1·60	+0·04	+3	36·73	—3·21	—8	0·30	—3·21	—91	38·79	—6·42	—14
Central India	0·27	—0·57	—68	0·30	—0·54	—64	41·86	+8·81	+27	0·71	—0·85	—54	43·14	+6·85	+19
Central Provinces	0·57	—0·74	—56	1·33	—0·33	—20	43·11	+2·65	+7	1·16	—1·61	—58	46·17	—0·03	0
Hyderabad	0·54	+0·14	+35	1·98	+0·04	+2	23·69	—2·39	—9	0·47	—3·45	—88	26·68	—5·66	—18
Mysore	0·23	—0·02	—8	5·20	—0·15	—3	28·67	+6·12	+27	2·05	—6·24	—75	36·15	—0·29	—1
Madras	3·81	+2·62	+220	4·05	—1·90	—32	31·82	+3·68	+13	15·04	—0·94	—6	54·72	+3·46	+7
Mean of India	1·47	+0·45	+44	4·45	—0·61	—12	38·13	+1·69	+5	4·11	—0·96	—19	48·16	+0·57	+1

TABLE 14.—*Average over the 33 sub-divisions of the actual and normal rainfall for the four seasons of the year, and for the whole year.*

Sub-division.	January and February			March to May.			June to September.			October to December.			Whole 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.
	"	"		"	"		"	"		"	"		"	"	
1. Bay Islands	1·75	+0·33	+23	11·33	+0·53	+5	55·79	+7·48	+15	9·19	—7·50	—45	78·06	+0·84	+1
2. Lower Burma	0·05	—0·30	—86	12·97	—1·29	—9	123·77	+22·42	+22	10·03	—1·18	—11	146·82	+19·65	+15
3. Upper Burma	0·19	—0·12	—39	8·70	+1·02	+13	33·14	+1·10	+3	7·38	—0·42	—5	49·41	+1·58	+3
4. Assam	2·39	+0·19	+9	26·17	+1·08	+4	64·53	—1·96	—3	5·37	—1·59	—23	98·46	—2·28	—2
5. Bengal	2·44	+1·13	+86	9·60	—3·18	—25	49·76	—5·69	—10	3·83	—2·24	—37	65·63	—9·98	—13
6. Orissa	4·04	+2·42	+149	2·51	—3·24	—56	36·28	—8·38	—19	8·20	+1·68	+26	51·03	—7·52	—13
7. Chota Nagpur	2·85	+0·96	+51	1·26	—2·53	—67	51·22	+7·67	+18	2·26	—1·21	—35	57·59	+4·89	+9
8. Bihar	1·47	+0·36	+32	1·86	—1·48	—44	30·78	—10·43	—25	3·00	+0·28	+10	37·11	—11·27	—23
9. United Provinces, East	1·36	+0·18	+15	0·16	—1·02	—86	36·71	+2·18	+6	4·00	+1·72	+75	42·23	+3·06	+8
10. Do. do., West	2·50	+0·67	+37	0·44	—1·14	—72	38·17	+0·54	+2	3·83	+2·44	+176	39·94	+2·51	+7
11. Punjab, East and North	3·75	+1·54	+70	2·12	+0·03	+1	18·81	+0·87	+5	1·78	+0·83	+87	26·46	+3·27	+14
12. Do., Southwest	1·69	+0·66	+64	2·13	+0·55	+35	8·13	+1·18	+17	0·26	—0·13	—33	12·21	+2·26	+23
13. Kashmir	11·76	+4·51	+62	9·16	—0·82	—8	18·68	—2·63	—12	3·82	+0·3	+9	43·37	+1·38	+3
14. North-West Frontier Province	4·61	+2·09	+83	4·55	+0·15	+3	8·39	+0·61	+8	0·74	—0·41	—36	18·29	+2·44	+15
15. Baluchistan	3·08	+0·68	+28	1·81	—0·43	—19	2·40	—0·07	—3	0·28	—0·77	—73	7·57	—0·59	—7
16. Sind	0·60	+0·08	+15	0·12	—0·37	—76	3·51	—1·99	—36	0	—0·20	—100	4·23	—2·48	—37
17. Rajputana, West	0·41	—0·01	—2	0·42	—0·36	—46	10·78	—0·07	—1	0·23	—0·27	—54	11·84	—0·71	—6
18. Do., East	0·47	—0·21	—31	0·46	—0·47	—51	26·37	+3·34	+15	0·77	—0·13	—14	28·07	+2·53	+10
19. Gujarat	0·28	+0·09	+47	0·21	—0·22	—51	17·85	—12·70	—42	0·04	—1·11	—97	18·38	—13·94	—43
20. Central India, West	0·22	—0·45	—67	0·35	—0·43	—55	41·50	+9·94	+31	0·52	—0·91	—64	42·59	+8·15	+24
21. Do. do., East	0·42	—0·96	—70	0·11	—0·99	—90	43·40	+5·47	+14	1·38	—0·65	—32	45·31	+2·87	+7
22. Berar	0·14	—0·60	—81	1·70	+0·59	+53	27·24	—0·64	—2	0·09	—2·44	—96	29·17	—3·09	—10
23. Central Provinces, West	0·40	—0·96	—71	1·30	—0·19	—13	49·63	+8·35	+20	1·04	—1·64	—61	52·37	+5·56	+12
24. Do. do., East	0·93	—0·64	—41	1·16	—0·96	—45	47·00	+0·08	0	1·82	—1·12	—38	50·91	—2·64	—5
25. Konkan	0·04	—0·11	—73	1·17	—0·80	—41	110·70	+9·78	+10	0·39	—5·06	—93	112·30	+3·81	+4
26. Bombay Deccan	0·13	—0·10	—43	2·65	+0·52	+24	22·[illegible]8	—1·84	—8	0·43	—3·88	—90	25·49	—5·30	—17
27. Hyderabad, North	0·54	+0·15	+38	2·23	+0·59	+36	25·95	—2·48	—9	0·22	—3·[illegible]9	—94	28·94	—5·03	—15
28. Do., South	0·75	+0·33	+79	1·70	—0·55	—24	21·26	—2·48	—10	0·68	—3·6[illegible]	—84	24·39	—6·32	—21
29. Mysore	0·23	—0·12	—34	5·20	—0·15	—3	28·67	+6·12	+27	2·05	—6·24	—75	36·15	—0·39	—1
30. Malabar	1·38	—0·16	—11	7·40	—5·38	—42	95·43	+30·10	+46	15·81	—4·74	—23	119·97	+19·87	+20
31. Madras, Southeast	6·96	+5·51	+380	3·56	—0·77	—18	7·10	—4·72	—40	16·28	—1·67	—9	33·90	—1·65	—5
32. Do., Deccan	0·78	+0·44	+129	2·59	+0·09	+4	11·70	—3·53	—23	1·64	—5·13	—76	16·71	—8·13	—33
33. Do. Coast, North	1·98	+1·21	+157	2·20	—1·34	—38	20·64	—4·70	—19	18·01	+6·48	+56	42·83	+1·65	+4

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

Sub-division.	January and February.		March to May.		June to September.		October to December.		Whole year.	
	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.
1. Bay Islands	2·0	0	9·7	—3·4	68·5	+8·4	19·6	—1·7	99·8	+3·3
2. Lower Burma	0·2	—0·4	17·0	+1·6	93·0	+3·6	14·1	—0·7	124·3	+4·1
3. Upper Burma	0·5	—0·4	14·2	+2·6	44·9	+1·1	10·4	—0·9	70·0	+2·4
4. Assam	5·7	+0·7	32·2	—0·2	68·4	0	7·5	—1·5	113·8	—1·0
5. Bengal	4·3	+1·9	12·5	—3·5	55·1	—5·1	5·2	—1·5	77·1	—8·2
6. Orissa	5·2	+2·6	5·3	—3·9	53·9	—0·2	9·5	+2·2	73·9	+0·7
7. Chota Nagpur	5·0	+1·5	3·1	—4·1	54·5	+2·0	4·3	—0·6	66·9	—1·2
8. Bihar	3·0	+0·6	3·2	—2·2	40·0	—4·5	2·4	—0·8	48·6	—7·0
9. United Provinces, East	2·9	+0·2	0·4	—2·[illegible]	38·8	+0·5	4·1	+1·6	46·2	+0·1
10. Do. do., West	4·5	+1·0	1·2	—2·4	31·7	—2·1	4·3	+2·3	41·7	—1·2
11. Punjab, East and North	6·6	+2·4	4·4	—0·2	20·9	+1·2	2·8	+1·0	34·7	+4·4
12. Do., Southwest	4·0	+1·5	4·6	+0·7	12·1	+3·1	0·8	—0·1	21·5	+5·2
13. Kashmir	16·0	+5·9	12·1	—3·7	23·2	—1·5	7·0	+1·2	58·3	+1·9
14. North-West Frontier Province	8·1	+3·0	9·4	+0·4	11·7	+0·6	1·6	—0·7	30·8	+3·3
15. Baluchistan	6·5	+1·4	4·7	—0·5	4·0	—0·2	0·8	—1·7	16·0	—1·0
16. Sind	1·7	+0·3	0·7	—0·4	3·5	—2·8	0	—0·4	5·9	—3·3
17. Rajputana, West	1·5	+0·5	1·1	—0·7	13·7	—0·2	0·5	—0·2	16·8	—0·6
18. Do., East	1·7	+0·1	1·0	—1·3	27·2	—0·6	1·6	+0·1	31·5	—1·7
19. Gujarat	1·0	+0·6	0·6	—0·3	24·5	—9·9	0·2	—1·4	26·3	—11·0
20. Central India, West	0·7	—0·8	1·0	—0·8	39·6	+3·5	1·4	—0·8	42·7	+1·1
21. Do. do., East	1·5	—1·4	0·4	—2·2	45·3	+3·8	2·8	—0·1	50·0	+0·1
22. Berar	0·5	—0·9	4·2	+1·7	42·1	+3·8	0·2	—3·8	47·0	+0·8
23. Central Provinces, West	1·2	—1·4	3·7	+0·4	53·2	+5·8	1·6	—2·2	59·7	+2·6
24. Do. do., East	2·2	—0·5	3·0	—1·6	56·9	+5·3	3·0	—1·2	65·1	+2·0
25. Konkan	0·1	—0·2	2·2	—0·4	78·1	—5·8	0·9	—6·4	81·3	—12·8
26. Bombay Deccan	0·4	—0·1	6·0	+2·0	34·3	—2·5	0·9	—5·8	41·6	—6·4
27. Hyderabad, North	0·8	0	5·7	+2·1	34·9	—5·3	0·4	—4·9	41·8	—8·1
28. Do., South	1·1	+0·3	4·9	+0·3	33·8	—3·7	0·7	—5·9	40·5	—9·0
29. Mysore	0·8	+0·4	10·0	+1·1	33·9	—0·1	5·0	—7·5	49·7	—6·1
30. Malabar	2·2	0	12·3	—4·8	88·5	+16·6	19·3	—6·2	117·3	+5·6
31. Madras, Southeast	5·4	+3·4	6·0	—0·5	13·3	—4·9	19·8	—1·6	44·5	—3·6
32. Do., Deccan	1·3	+0·8	5·5	+1·0	20·7	—4·6	3·2	—6·6	30·7	—9·4
33. Do. Coast, North	3·2	+2·1	4·3	—1·3	32·8	—3·4	10·9	—1·6	51·2	—3·6

Snowfall.

The cold weather period, January and February.

I.—Central Asia.

Kashgar.—Snow fell on the 26th January to a depth of ¼ inch. The snowfall during the period 15th November 1922 to 10th June 1923 is reported to have been below the average.

II.—Persia.

Meshed.—Snow fell on 6 days in January and on the same number of days in February to a total depth of 8¾ inches in the former month and of 12 inches in the latter.

III.—North-West Frontier Province.

Tochi.—On the hills in north Waziristan moderate snow fell on the 24th January and heavy snowfall occurred on the night of the 27th-28th January. No report was received for February.

Kohat.—On Fort Lockhart snow fell on three days in January, to a depth of 6 inches on the 7th, 12 inches on the 20th and 1 inch on the 24th; and in February snow fell on the Samana range on 6 days, the total amount recorded being 2 feet 11 inches.

Hazara.—The snowfall during the period was reported to have been above the average of recent years, and in the inner hills the snow line was observed to have descended down to an elevation of 3,000 feet.

The following table shows the character of the snowfall in the two months with the accumulations at the end of each month :—

Locality.	No. of days of snowfall.	Total amount.		Accumulation at end of month.	
January.					
		Feet.	Inches.	Feet.	Inches.
Narang	13	16	8	10	10
Paluderan	13	15	5	9	10
Kagan	11	9	6	3	0
Jared	8	4	3	1	3
Malakandi	8	4	0	1	0
Sundigali	10	10	6	8	1
Jachha	10	9	7½	7	0
Thandiani	12	13	2	7	0
Dungagali	6	7	9	6	2
February.					
		Feet.	Inches.	Feet.	Inches.
Narang	18	11	0	7	2
Paluderan	18	8	4	5	2
Kagan	14	2	7	0	5
Jared	13	2	8	0	2
Malakandi	13	2	2	0	2
Sundigali	14	10	8	8	0
Jachha	14	9	2	6	8
Thandiani	12	17	3	7	0
Dungagali	14	7	7	8	0

IV.—Kashmir.

Srinagar.—There were occasional snowfalls during the last three weeks of January, the heaviest fall (measured as rain) being 1·65 inches recorded on the 12th. Snowfalls were also frequent in the main valley during February. The total precipitation in the respective months (measured as rain) amounted to 3·45 inches and 2·79 inches, and was nearly normal.

Skardu.—Snow fell on 8 days in January and on 10 days in February; the fall on the 29th January is reported to have been heavy. The accumulation at the station was 1 foot at the end of each of the months, while on the Chanda hill it was more than 2 feet at the end of January and above 3 feet at the end of February. The total fall during the season was considered to be less than that of last year.

Dras.—Snow fell on 22 days in January and 15 days in February; the total in the two months (when melted into water) measured 3·82 inches and 2·80 inches respectively.

Kargil.—Snow fell all over the Tahsil, and the number of days on which snowfall occurred was 12 in January and 5 in February; the total amount (measured as rain) was 1·30 inches and 0·64 inch in the respective months. The accumulation was said to be 1 foot at the station at the end of each of the months and more on the higher passes. The fall of the season was reported to be below the average.

Leh.—The winter snowfall was reported to be abnormally severe during January and February.

V.—Punjab.

Kulu (Kangra District).—During the month of January rain fell on 10 days at Kulu, on 8 days at Banjar and on 12 days at Naggar, the total falls at the respective places amounting to 5·20 inches, 4·20 inches and 5·29 inches. Similarly in February Kulu had a total fall of 6·27 inches, Banjar of

4·78 inches and Naggar of 5·47 inches, the number of days on which rain fell being 10, 9 and 9 at the three places respectively. The accumulations of snow on the various mountains were as follows :—

Locality.	At the end of January.	At the end of February.
	Feet.	Feet.
KULU TAHSIL.		
Rohtang	21	24
Hamta	23	27
Barsai	7½	10
Chandarkhani	10	12
Bojadhar	9	12
Lohri Achhri	8	11
Sari	13½	20
Bhubu	8	13
Bastori	11	10
Majhang	4	5½
SARAJ TAHSIL		
Sirikhand	18	24
Chul	7	11
Maghin	5	7½
Dundku	4½	7
Tikar	4	6½
Ramgarh	4½	7
Nuhnon	4½	6
Raghopur	6½	10
Jalori	6½	10
Lambri	5	8
Sakiran	8	10
Gargorasan	6	12
Supakun	5	9
Bashleo	8	12
Palcha	7	10
Tirath	8	13

Snow fell down to a level of 3,000 feet but soon melted away. The elevation of the snow-line at the end of January was 6,500 feet. The amount of snowfall during the two months was reported to be about normal.

Kyelang.—The winter was not so cold as last year and little snow fell in the month of February. In January heavy snowfalls occurred twice, on the 11th-12th and from the 18th to 21st. All the three passes, the Baralatic, the Shingkun and the Rohtang, were closed from the middle of December 1922.

Bashahar State (Simla District).—In January snow fell on 8 days at Kilba and in February on 4 days; the total depth was 21½ inches and 28 inches in the respective months. The total accumulation at Kilba at the end of February was about 2 feet. At other localities the depth of accumulation was estimated to be :—

Locality.	End of January.	End of February.
	Feet.	Feet.
Brua pass	12	13
Shatul	12	..
Rupin	12	13
Harang pass	8	8
Chhitkul	14	..
Charang pass	..	15

VI.—UNITED PROVINCES.

Garhwal.—No report was received for January, but in February falls of snow were reported to have occurred on 10 days during the month in various patties in the north of the district, the average total fall being estimated to be about 2½ feet.

Almora.—The snowfall of the season was reported to be above the average of recent years. In January the snow descended down to a distance of 3 or 4 miles in patti Malla Danpur, 7 miles in Byans and 3 miles in Chaudas, while in February it descended down to a distance of 7 miles in Byans, 10 miles in Malla Darma and 3 or 4 miles in Malla Danpur. Fresh deposits of snow during the period were reported to be as follows :—

Locality.	January.		February.	
	Feet.	Inches.	Feet.	Inches.
Malla Danpur	5	0	9	0
„ Darma	6	0	12	0
Byans	8	10	9	6
Chaudas	5	9	..	

The approximate accumulations at the end of the two months were :—

Locality.	At the end of January.	At the end of February.
	Feet.	Feet.
Lumpiya pass	19	16
Lipulekh pass	16	14
Binkru pass	12	..
Nuve pass	29	18
Pindari pass	5	9

VII.—Eastern Himalayas.

Balipara Frontier Tract.—Heavy snow fell in February but on the average less snow fell than usual during the period 16th May 1922 to 15th May 1923. The Mila Katong La was closed during the whole of the cold weather.

Sadiya Frontier Tract.—Snowfall was not prominent in January. On the 11th-12th February there was very heavy snow remaining for many days on Maya pass (8,000 feet). The snowfall of the winter began late and would on the whole appear to be normal or slightly above normal.

Kamrup.—There was not much snow in January. Snow fell and lay lower than usual in February. On the whole, *i.e.*, from October 1922 to February 1923, snowfall was reported to have been rather above the average. The depth of snowfall at the end of January was reported to have been 7 inches, 8 inches, and 3 inches at Khapra, Dewangiri and Charangberi Pahar respectively.

The hot weather period, March to May.

I.—Central Asia.

Kashgar.—In spring heavy snowfall was reported on the Hindu Kush range and on the Mintka and Kilik passes. The passes between Sarikul and Kashgar were covered with snow. Heavy snow also fell in spring on Terakdewar between Kashgar and Osh, and the passes were entirely closed for general traffic.

II.—Persia.

Meshed.—Snow fell on 2 days in March to a total depth of 3 inches. No reports were received for April and May. At the end of March the high ranges of hills were covered with snow down to an elevation of 6,000 feet, but there is no information in regard to depth.

III.—Afghanistan.

Kabul.—The snowfall during the past winter was reported to have been unusually heavy. In the middle of May snow lay on the upper slopes of the Paghman range at a height of about 9,000 feet, but was considered not to be in excess of the usual amount. The rainfall in spring was reported to be very unusual; both the Kabul and Logar rivers overflowed their banks.

IV.—Baluchistan.

Quetta.—There was no snowfall in the Quetta district during May; no reports were received for March and April.

V.—North-West Frontier Province.

(*a*) *Parachinar.*—Weather during May was reported to be wet and snow fell on the White Mountain on the 3rd, 4th, 12th and 13th. No reports were received for the other two months.

(*b*) *Kohat.*—No snow fell in March and April, while for May the report was not received.

(*c*) *Chitral.*—No reports were received for March and April. In May no snow fell below 11,000 feet, but thunderstorms were frequent and rain fell on 12 days during the month. At the end of the month snow lay at 11,000 feet on the eastern slopes of hills, but disappeared below 12,500 feet on the sunny slopes.

(*d*) *Drosh.*—No reports were received for March and April: no snowfall was said to have occurred in May and the total rainfall during the month was reported to have been 1·46 inches.

(*e*) *Malakand.*—No reports were received for March and April. In May about 1½ to 2 feet of snow fell on the Lowarai hills and about 2 feet on higher peaks in Swat Kohistan. There was plenty of rain in the former region and in the latter rainfall amounted to about 6 inches.

(*f*) *Hazara.*—The snowfall in March was reported to have been above the average of recent years, and in the inner hills the snow-line was observed to have descended to an elevation of 3,200 feet. The following table shows the character of the snowfall during and the accumulation at the end of March :—

Locality.	No. of days of snowfall.	Total amount.		Accumulations.	
		Feet.	Inches.	Feet.	Inches.
Narang	1	2	4	5	0
Paluderan	1	1	4	3	6
Sundigali	7	3	9	..	
Jachha	7	2	9	..	
Thandiani	4	2	10	4	6
Dungagali	3	0	8	1	6

No reports were received from this region for April and May.

(*g*) *Kurram.*—Heavy rain was reported to have fallen during the week ending 7th April 1923. No other reports were received from this region.

(*h*) *Dera Ismail Khan.*—No reports were received for March and April. There was no snowfall in May, but the amount of rain that fell is reported to have been unusual.

(*i*) *Abbottabad.*—Snow fell in May between 2 and 12 inches in Kagan valley, but only at altitudes of 10,000 to 18,000 feet. Rainfall recorded during the month was reported to be 3·55 inches at Abbottabad, 2·63 inches at Mansahra, 2·22 inches at Haripur, 4·20 inches at Oghi and 7·34 inches at Dungagali. No reports were received for March and April.

(*j*) *Khyber Agency.*—No snow was reported to have fallen in May, but rainfall during the month was in excess of the average and exceptionally heavy in Ali Masjid area. No reports were received for March and April.

(*k*) *Tochi.*—No reports were received for March and April. There was no snowfall in May and the rainfall recorded at Idak amounted to 0·83 inch.

VI.—Kashmir.

(*a*) *Srinagar.*—There was fresh snowfall in the main valley once on the 8th March associated with heavy rain. The total precipitation during the month was 4 inches and was above normal. In April no snow fell in Srinagar but it was occasionally observed to have fallen on higher peaks. The total rainfall during the month was 1·63 inches, considerably lower than the average. There was no snowfall in or near Srinagar in May; falls of rain were frequent and heavy, and amounted to 6·38 inches during the month, being of course above the average amount.

(*b*) *Skardu.*—Very light snow was reported to have fallen on the 6th, 8th and 16th March; but in April, and May no snow fell in this district and only slight falls occurred on high peaks on the 1st, 2nd and 28th April, and on the 12th, 13th, 17th and 19th May. The total fall of the season was reported to have been below the average. On the surrounding mountains to the east the snow accumulation appeared to be more than 2 feet.

(*c*) *Dras.*—Snow fell on 10 days in March, 7 days in April and only 1 day in May, the total amounts (measured as rain) being 3·32 inches, 1·87 inches and 0·32 inch in the respective months.

(*d*) *Sonamarg.*—No reports were received in March and April, but in May there was frequent rain and snow on the high peaks, the total (measured as rain) amounting to 8·60 inches.

(*e*) *Kargil.*—Snow fell on 3 days in March, the total amount (obtained by melting) being 1·28 inches. The snowfall was reported to have been below the average of previous years and the snow accumulation on the surrounding mountains was 6 inches at the end of the month. In April and May no snow fell, rainfall in these months amounting to 11 cents and ½ inch respectively. At the end of May snow accumulation was reported to have been about 3 inches on a few higher passes only. The total fall of the season was said to have been below the average.

(*f*) *Gulmarg.*—There were no reports for March and April, but at the end of May the Affarwat range, the south-western mountain, was fully covered with snow the depth of which was stated to be more than 2½ feet.

(*g*) *Leh.*—Precipitation in April and May (when melted into water) amounted to 0·13 inch only. At the end of May snow-line on the hills to the south had receded considerably though frequent snowstorms were seen in these regions during the past two months with cold and boisterous winds. Passes to the north were open, Khartung pass being only accessible to men and not to animals.

VII.—Punjab.

(*a*) *Chamba.*—There were no strictly accurate statistics regarding weather and snowfall, but April was reported to be dry and warm, and the melting of the snow was fully 10 days in advance of the normal on 1st May. A heavy fall took place on the 12th and 13th May when the snow-line was seen to have come down to 9,000 feet and in some places nearly to 8,000 feet. At the end of May the weather was reported to have been dry and hot with snow melting rapidly. The last heavy fall however had made it the latest season known for many years for opening the high passes.

(*b*) *Kulu.*—Snow fell from 9,000 feet upwards in March and April, and from 10,000 feet upwards in May. The falls were on the whole said to have been above the average of recent years during the three months. Rain fell on 22 days at Kulu, 22 days at Banjar and 21 days at Naggar, the total falls amountaing to 7·84 inches, 6·66 inches and 10·48 inches at the respective places during the period of three months. The total fall of the season up to the end of May was said to have been above the average of previous years. The accumulations of snow on the various mountains were as follows:—

Name of pass or peak.	Accumulations on the 25th of		
	March.	April.	May.
Kulu Tahsil.	Feet.	Feet.	Feet.
Rotang	18	8	4
Hamta	22	11	7
Barsai	6	4	3
Chandarkhani	9	5½	3¼
Bojadhar	7	4	2
Lohri Achhri	10	3	..
Sari	4	3	2
Bhubu	1	½	..
Bastori	6	..	..
Majhang	1	..	..
Saraj Tahsil.			
Sirikhand	22	12	5
Chul	8	2	..
Maghin	6	2	..
Dundku	6	2	..
Tikar	6	2	..
Ramgarh	6	2	..
Nuhnon	5	1	..
Raghopur	8	3	..
Jalori	8	3	..
Lambri	6	2	..
Sakiran	7	2	..
Gargorasan	10	5	..
Supakun	8	3	..
Bashleo	10	3	..
Palcha	8	3	..
Tirath	11	5	1

(c) *Simla.*—Light falls of snow occurred on the 7th, 13th, and 16th March descending down to 8,000 feet, 9,000 feet and 11,000 feet respectively on the slopes opposite Kilba; the deposition of snow at these elevations was from 1 to 2 inches only and disappeared in a couple of days. A heavy shower of rain occurred on the night of the 10th-11th and was followed by a light fall of snow descending down to about 9,000 feet. Early next day the snow rapidly disappeared, the snow-line ascending to 11,000 feet, which is its usual height during the month. At the end of the month the passes were closed to traffic. In May after a continuous downpour of rain, snow deposited on high peaks and descended to elevations of 10,000 feet, 9,500 feet and 11,000 feet on the 12th, 13th and 19th respectively. The deposition was only light at the lowest levels.

The accumulations on the well known passes were :—

Name of pass.	On the 31st March.		On the 30th April.		On the 26th May.	
	Feet.	Inches.	Feet.	Inches.	Feet.	inches.
Shatul . . .	10	0	9	0	9	0
Brua . . .	11	0	9	6	9	9
Rupan . . .	12	0	10	6	10	6

VIII.—United Provinces.

(a) *Garhwal.*—No definite reports were received.

(b) *Almora.*—The snowfall was reported to have been above the average of previous years during the period. Fresh deposits of snow were reported to be as under :—

Locality.	March.		April.		May.	
	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.
Byans	5	3	Not reported.		1	6
Malla Danpur . . .	6	0	1	6	2	6
„ Darma . . .	Not reported.		2	0	1	0
„ Johar	3	6	Not reported.		Not reported.	
Chaudas	Not reported.		1	0	1	5

In March snow descended down to a distance of 7 miles in Byans and 3 or 4 miles in Malla Danpur; in April it descended down to a distance of 2½ miles in Chaudas, 3 or 4 miles in Malla Danpur and 5 miles in Malla Darma, while in May it descended down to a distance of 3 or 4 miles in Malla Danpur, 2 miles in Chaudas and 3 miles in Byans.

The approximate accumulations at the end of the three months were :—

Locality.	March.	April.	May.
	Feet.	Feet.	Feet.
Lumpiya pass . . .	12	6	5
Lipulekh pass . . .	9	4	4
Pindari pass . . .	6	1½	2½
Nuve pass . . .	16	14	15
Milan pass . . .	2	2	Not reported.
Binkru pass . . .	Not reported.	6	4
Bagodgur	Not reported.	1	Not reported.

IX.—Eastern Himalayas.

Sadiya Frontier Tract.—On the 19th April snow was probably not below 10,000 feet and passes up to elevations of 8,000 feet or 9,000 feet were said to have been probably free from snow. There was no traffic trans-Himalaya or trans-Dapha in the beginning of April.

The south-west monsoon period, June to September.

JUNE AND JULY.

I.—Afghanistan.

Kabul.—It appeared that the condition of the snows in the neighbourhood of Kabul was very similar to what it was last year. On the 8th July it was known from local people that there was more snow in the hills this year than usual. On the 13th July small thin drifts of snow were lying in nullahs shaded from the south at altitudes above 11,500 feet. The general snow level was estimated at about 15,000 feet.

II.—North-West Frontier Province.

(a) *Abbottabad.*—Snow fell in Kashgar valley from 1 to 4 inches in June and from 1 to 2 inches in July at altitudes from 13,000 to 18,000 feet. There was not much accumulation however at the end of July.

(b) *Khyber Agency.*—There was no snowfall in this Agency in June and July.

(c) *Kurram.*—No snow fell in June or July in the Agency and adjacent hills. There was as usual little accumulation of snow existing at the end of July on the ranges and passes of the White Mountain.

(d) *Drosh.*—There was no snowfall in June and July. Very little fresh snow fell on hills during the months, but owing to cool and cloudy weather snow did not melt and at the end of July lay lower than usual.

(e) *Wana (Waziristan).*—No snow was left on the hills on the 16th July.

III.—Kashmir.

(*a*) *Srinagar.*—There was no snow in June in or near Srinagar and the rain, which amounted to 0·25 inch, was considerably below the average. There was no fresh snow either in the city proper or surrounding higher ranges during the month of July. Rain was occasional and was higher than the average. On the whole the snow accumulation in this district and the adjacent regions was less than usual.

(*b*) *Skardu.*—There was slight snow on higher peaks on 2nd and 12th June. Slight snowfall was also observed on the peaks of mountains over the Karakoram range on the 4th, 10th and 11th July. Snow accumulations existed on the peaks of mountains and the depth was probably not greater than 1 foot at the end of June and not greater than usual at the end of July.

(*c*) *Dras.*—There was no snowfall in the months of June and July, but rain fell on 1 day in June and 8 days in July amounting to only 0·01 inch for the former month and 1·20 inches for the latter. Slight snowfall was however observed in July on surrounding higher peaks.

(*d*) *Kargil.*—No snowfall was reported in July, but rain fell on 2 days amounting to 0·93 inch. There was neither rain nor snow in June. At the end of July no snow accumulation existed either on mountains or passes. On the south-western range (Affarwat) however there were several snowfalls observed in June; while the main valley received either rain or hail or both. The heavy fall observed on the 3rd covered the whole of the range to its lower skirts and the thickness was reported to be nearly 4 inches. The total precipitation was 5 feet 4 inches being above normal.

(*e*) *Gulmarg.*—Snowfalls were reported to have been observed frequently during July on the surrounding high mountain ranges. Rain showers and hailstorms were also frequent, the total precipitation during the month amounting to 3·86 inches. The high peaks were reported to have been covered with snow at the end of July.

(*f*) *Sonamarg.*—There was no snowfall either in June or July though slight accumulation existed at the end of July on higher peaks.

(*g*) *Leh.*—One fairly heavy and three or four slighter snowfalls occurred simultaneously with sleet and rain in Leh itself. Snow level at the end of July was about normal though the accumulation was thicker than usual.

IV.—Punjab.

(*a*) *Kulu.*—Snow fell on 3 days in June and 5 days in July at altitudes varying from 13,000 feet on the 3rd June to 17,000 feet on the 16th July. During these months the thickness of the snow covering was not abnormal nor was its extension to lower levels unusual.

(*b*) *Simla.*—There was no snowfall in June. A report for 1st to 25th July stated that the snow-line descended on the 6th and the 23rd to 17,000 feet, but the depth of snow accumulation at the point was not great. The snow line again ascended to about 18,000 feet on the following days. This cold on high levels caused a marked decrease in flood levels in the Sutlej river. The snow accumulation was as given below :—

Name of pass.	Depth of snow At end of June.		Accumulation On 25th July.	
	Feet.	Inches.	Feet.	Inches.
Shatul	5	6	5	0
Brua	6	0	5	6
Rupan	6	6	6	0

The passes were said to be open for sheep and goat traffic since the 15th June.

V.—United Provinces.

(*a*) *Garhwal.*—No fall of snow was reported to have occurred in June and July. The accumulations at the end of July were said to have been 3 or 4 feet on the mountain ranges and 7 to 8 feet on passes, but the information was supposed to be vague and uncertain.

(*b*) *Almora.*—Fresh deposits of snow during the months were reported to be :—

Locality.	Amount.	
	Feet.	Inches.
Malla Danpur	1	6
Byans	1	4
Chaudas	2	1
Malla Johar	3	6

The snow descended down to a distance of 3 or 4 miles in Malla Danpur, ¾ mile in Byans and 1 mile in Chaudas. It was reported to have been above the average of previous years in pattis Malla Danpur, Byans and Malla Johar, and below it in patti Chaudas. The approximate accumulations of snow on the well known peaks and passes were reported as under :—

Locality.	Accumulation at the end of July.	
	Feet.	Inches.
Lumpiya pass	4	0
Lipulekh pass	3	0
Binkru pass	2 or 3	0
Pindari pass	1	6
Kafini pass	1	6
Nandakot pass	1	6
Milan pass	1	0

VI.—SIKKIM.

Gangtok.—There was no snowfall in June and July.

AUGUST AND SEPTEMBER.

I.—NORTH-WEST FRONTIER PROVINCE.

Drosh.—Snow fell on 5th and 10th September on tops at heights of 15,000 feet and upwards. Snow also fell on the 18th, 22nd, 23rd, 26th and 29th of the month, on tops at elevations of 10,000 foot to 15,000 feet and higher, varying in depth from ½ feet to 4 feet. No snow was reported to have fallen in the Agency.

II.—KASHMIR.

(*a*) *Srinagar.*—There were no fresh snowfalls either on the surrounding mountains or in Srinagar valley during the period. Rainfall however was considerably above the normal in August and was below it in September.

(*b*) *Skardu.*—Light snow was reported to have fallen on the 27th August and 13th September, and on the 15th September, a snow storm was reported to have occurred on the surrounding hills when the depth seemed to be not less than 3 inches. Snow accumulations appeared to exist on mountains towards the northwest.

(*c*) *Dras.*—There was no snowfall in the district, but rain fell on 13 days in August and on 1 day in September, the total amounts in the respective months being 1·87 inches and 0·01 inch.

(*d*) *Kargil.*—No snow was reported to have fallen either at the station or on the surrounding peaks.

(*e*) *Gulmarg.*—Light snow was observed to have fallen frequently on the Affarwat, the south-western range, throughout August. On the 5th and 14th of the month the fall was about ½ inch in thickness. The total precipitation during the month (measured as rain) amounted to 8·12 inches being roughly twice the normal. Several light snowfalls were observed during September and on the 15th snow covered even the lower borders of the Affarwat range. The total rainfall during the month was 0·44 inch.

III.—PUNJAB.

(*a*) *Kangra.*—At the end of September there was exceptionally severe cold and early snow in Lahul on the Baralachia (16,000 feet) and other ranges.

(*b*) *Simla.*—No report was received for August. In September the snowfall descended to 11,000 feet and at the end of the month the depth of snow accumulation at the lowest point was 6 inches and nearly all the passes were closed for goat and sheep traffic. The depth of snow accumulation on the passes was as follows :—

Name of pass.	Depth of snow accumulation.	
	Feet.	Inches.
Shatul	6	0
Brua	6	6
Rupan	7	0

The fall of the season was above normal.

(*c*) *Upper Bashahr Division.*—There was no snowfall during the period.

IV.—UNITED PROVINCES.

Almora.—Fresh deposits of snow during the two months were reported to be as follows :—

Locality.	August.		September.	
	Feet.	Inches.	Feet.	Inches.
Malla Darma	0	6	2	0
,, Danpur	1	3	0	7½
Byans	1	8	7	0

In August snow descended down to a distance of ¾ mile in Byans and 3 or 4 miles in Malla Danpur, while in September it descended down to a distance of 5 miles in the former locality and 3 or 4 miles in the latter.

Approximate accumulations of snow on the well known peaks and passes were as under :—

Locality.	Snow accumulation at the end of			
	August.		September.	
	Feet.	Inches.	Feet.	Inches.
Lumpiya pass	4	6	11	0
Lipulekh pass	3	6	9	0
Pindari pass	1	3	0	7½
Nuvo pass	12	3	14	0
Kafini pass	1	3	0	7½
Nandakot pass	1	3	Not received.	

The retreating monsoon period, October to December.

I.—AFGHANISTAN.

Kabul.—A report dated the 15th December stated that the first snowfall on the hills in the neighbourhood of Kabul occurred on the 23rd September; in the previous year the first fall was on October 3rd. No snow fell in the Kabul valley till the date of the report, while last year a fall occurred on the 10th December.

II.—BALUCHISTAN.

Quetta.—There was no snow at Quetta during the season till the 12th December. There was a slight snowfall on the distant hills at the end of October and on the surrounding hills in the middle of November.

III.—North-West Frontier Province.

(*a*) *Wana.*—A report dated the 24th December stated that the snow which fell on Razmak plateau and on the hill of Shawal was in amount not more than 1 and 3 inches respectively. The period during which this amount fell is not stated.

(*b*) *Kurram.*—Snow fell on highest peaks of Safedkoh (White Mountain) on 1 day in November and 2 days in December. There was no snowfall at Parachinar till the 26th December.

(*c*) *Drosh.*—During the second half of October snowfalls occurred on 7 days on tops of ranges in Chitral at elevations of 8,500 feet and above varying from ½ foot to 6 feet. In November there was a light snowfall on the 28th at elevations of 10,000 feet and upwards. At the end of November slight snow was left at places on tops about 10,000 feet high. On the top of Hindu Raj range south of Drosh there was snow all over the range from 4 to 6 feet in depth. It was reported that at the end of November snow accumulation was 4 to 6 feet at the Laori pass and appeared to amount to about 10 to 12 feet at heights of 15,000 feet or more. During the 1st half of December, snow fell twice, on the 2nd and 11th-12th, down to an elevation of 4,000 feet, the snow reaching station level on the latter date; the depth of snow varied from ¼ inch to 4 inches at the lower elevations and was more on higher peaks. Snowfall was said to be above that of last year and accumulated to a depth of about 16 to 20 feet on tops 15,000 feet and above.

(*d*) *Hazara*:—Snow fell in December and the following table shows the character of the snowfall during, and the accumulations at the end of, the month.

Locality.	No. of days of snowfall.	Total amount.		Accumulation.	
		Feet.	Inches.	Feet.	Inches.
Inner hills—					
Narang	5	3	10	0	11
Paluderan . . .	4	3	3	0	6
Kagan	4	2	5	0	2
Jared	2	0	9	..	..
Malakandi . . .	2	0	6	..	..
Sundigaii	2	0	6	..	..
Jachha	2	0	4	..	..
Outer hills—					
Thandiani . . .	2	1	4	2	0
Dungagali . . .	2	0	7	1	3
Birangali	2	0	6	2	6

Snowfall was reported to have been below the average. It descended to about 4,000 feet in the inner hills; in the outer hills it kept to higher altitudes.

IV.—Kashmir.

(*a*) *Srinagar.*—There were observed falls of fresh snow on the mountain ranges surrounding the valley on the 8th, 22nd, 28th, and 29th October, and at the end of November; but the first snowfall in Srinagar proper was observed on the 12th December. The total precipitation was below normal. When melted into water it amounted to 1·69 inches in October and 1·29 inches in December. In November rainfall was reported to have been very light.

(*b*) *Skardu.*—Snow fell on 9 days in October, 1 day in November and 4 days in December. In the first two months the falls were reported to have occurred on the surrounding hills while in December the depth at the station was said to be from ½ to 1½ inches. The total fall for the season was below the average. The accumulations of snow on mountains did not appear to be less than 1 foot at the end of October. For November and December the depth of accumulation was not reported but it was said to be heavier on the northwestern mountains.

(*c*) *Dras.*—Snow fell on 8 days in October, 2 days in November and 9 days in December, the total amounts during the three months (measured as rain) being 0·73 inch, 0·55 inch and 2·52 inches respectively.

(*d*) *Sonamarg.*—The total snowfall (when melted) amounted to 3·72 inches in October and 1·13 inches in November. There was no report for the whole of December but the fall up to the 25th was probably 3·82 inches.

(*e*) *Kargil.*—Snow fell on 2 days in November and 6 days in December, the total amounts during the two months (measured as rain) being 0·18 inch and 3·48 inches respectively. In October there was no snowfall at Kargil. On the surrounding peaks of mountains snow fell on the 28th and the 29th. On the Zojilla peak the snow accumulation was reported to have been 3 or 4 feet at the end of October, 5 or 6 feet at the end of November and 3 feet at the end of December. Snowfall was reported to have commenced earlier and said to have been above the average in November and below in December.

(*f*) *Leh.*—A report dated the 25th December stated that there was one fairly heavy fall of snow in October and a few slight falls after that time. Passes to the north of Leh were closed. Fine weather prevailed at Ladakh during the three months.

(*g*) *Gurez.*—There was a total snowfall amounting (when melted) to 1·62 inches in October and 0·85 inch in November. There was no report for December.

V.—Punjab.

(*a*) *Kangra.*—A report for the period 1st to 18th December stated that during the period it rained on 4 days at Kulu, on 3 days at Banjar and on 4 days at Naggar, the total amounts for the respective places being 5·76 inches, 2·30 inches and 3·91 inches. There were several snowfalls above 12,000 feet in Lahul in early October. Snow fell on Jalori pass (Saraj), at an elevation of 10,000 feet in the latter half of October. At the end of November snow fell as low as 5,000 feet in upper Kulu as it also did on December 3rd and 4th; but below 7,000 feet this soon melted. At Naggar (6,000 feet) the snow was 4 or 5 inches deep. Till 18th December

snow fell generally above 6,000 feet on 3 or 4 days. Snowfall was reported to have been earlier and heavier than usual.

The following table gives the depth of snowfall on various mountains :—

Locality.	Depth. Feet.
KULU TAHSIL.	
Rohtang	7
Hamta	8
Barsai	5
Chandarkhani	3
Bojadhar	5½
Lohri Achhri	6
Sari	8
Bhubu	4½
Bastari	3
Majhang	5
SARAJ TAHSIL.	
Sirikhand	8
Chul	3
Maghin	2
Dundku	1
Tikar	1
Ramgarh	1
Nuhnon	1
Raghopur	3
Jalori	3
Lambri	3
Sakiran	3
Gargorasan	4
Bashleo	4
Palcha	5
Tirath	4
Supakun	3

(*b*) *Simla.*—In October snowfall descended to 10,000 feet on the 1st, 8,500 feet on the 21st and to 8,000 feet on the 28th, the depth of snow accumulation at each of the points on the respective dates being 4 inches, 1 inch and above 1 inch. In November it descended to 8,000 feet on the 20th, the accumulation at the lowest level being 2 inches ; after 2 days' bright sun it ascended to 11,000 feet. On the 29th a bit heavier storm occurred, snowfall descending to about 7,000 feet. Towards Runang the snow seemed to have been well set and the snow-line did not go higher than 8,000 feet. In December the snowfall descended to 7,000 feet, 5,750 feet and 7,200 feet on the 2nd, 3rd and 19th, the depth of accumulation being 1 inch, 2 inches and 1 inch respectively. On the 23rd the snowfall descended to 5,750 feet the depth of snow accumulation at the lowest level being about 1 inch. The snow-line gradually ascended to 8,000 feet on the 31st. The accumulations on the well known passes were as follows at the end of the three months :—

Locality.	October.		November.		December.	
	Feet.	Inches.	Feet.	Inches.	Feet.	Inches
Shatul	7	0	7	6	8	6
Brua	8	0	8	6	9	6
Rupan	8	6	9	0	10	0

All the passes were blocked up for traffic. Snowfall is reported to have been earlier and heavier in October and November, and below the average of previous years in December.

VI.—UNITED PROVINCES.

Almora.—In October and November the snow descended down to a distance of 3 or 4 miles in Malla Danpur and 10 miles in Malla Darma. In December it descended down to a distance of 3 or 4 miles in Malla Danpur, 10½ miles in Malla Darma and 4 or 5 miles in Chaudas. The snowfall was reported generally to have been above the average of recent years.

Fresh deposits reported during the months were :—

Locality.	October.	November.	December.
	Feet.	Feet.	Feet.
Malla Darma	9½	4¼	5
„ Danpur	3	2	5
Johar	3½	10	5½
Chaudas	No information.		

The accumulations reported at the end of the months were :—

Locality.	October.		November.		December.	
	Feet	Inches.	Feet.	Inches.	Feet.	Inches.
Unta Dhura pass	14	6	17	0	18	0
Nuve pass	13	0	12	0	13	0
Pindari pass.	No information.		2	0	5	0
Binkru pass	„		No information.		7	0
Ralam Dhura	„		„		18	0

VII.—EASTERN HIMALAYAS.

(*a*) *Kamrup District.*—There was no snowfall in the month of October. In the succeeding two months the snowfall occurred as usual in the notrhern boundary of the district. The depth of snowfall was said to have been as follows on well known peaks :—

Locality.	November.	December.
	Inches.	Inches.
Khapra	2	5
Dewangiri	2	3
Cherangberi pahar	1	2

(*b*) *Balipara Frontier Tract.*—Very little snow was reported to have fallen in November and December.

(*c*) *Sadiya Frontier Tract.*—Information available was vague ; snowfall in hills generally accompanied heavy rains in the plains. Dapha range (12,000 feet to 14,000 feet) showed snow in October. The snowfall up to the end of December was below normal.

(*d*) *Sikkim.*—Winter conditions at Yatung and Gangtok till about the middle of December were mild.

Summary.

The cold weather period, January and February.—Snowfall was reported to be unusually heavy in Afghanistan while it was roughly normal in Baluchistan. In the North-West Frontier Province it was heavier than usual in Hazara and was nearly normal elsewhere. In Kashmir the fall is reported to be nearly normal in Srinagar, but abnormally severe in Leh ; in Skardu and Kargil it is said to be below the average. In the Punjab hills snowfall did not differ much from the normal, but was irregularly distributed, while in the Almora hills it was reported to be above the average of recent years. In the Eastern Himalayas snowfall was not prominent in January, but was somewhat heavy in February.

The hot weather period, March to May.—In spring heavy snow is reported to have fallen on the Hindukush range and near Kashgar in Central Asia ; in Afghanistan also the precipitation during the season has been reported to be very unusual. More than the usual amount of snow is said to have fallen in Hazara in March. At other places in the North-West Frontier Province there was very little snow in May, though heavy rain is reported during the month from several districts. In Kashmir snow fell in Dras fairly frequently in March and April and in Srinagar, Skardu and Kargil only occasionally in March. The fall of the season was below the average and passes to the north of Leh were open by the end of May. In the Punjab snowfall during the three months was apparently on the whole above the average of recent years and the passes were closed for traffic till late in the season. In the Almora hills the snowfall was reported to be above the average of previous years, fresh deposits being reported in all the three months.

The accumulations at the end of May were nearly normal in the Afghan mountains and were slightly below the average in Baluchistan and the Kumaon hills. In Kashmir conditions were roughly normal but in the hills of the North-West Frontier Province and of the Punjab there was a slight or moderate excess.

The monsoon period, June to September—June and July.—Light snow fell in Kashgar valley at higher altitudes and snowfall was also observed over the Karakoram and the Affarwat ranges, and at higher elevations in the Punjab hills. In the mountain region in the north-west of India snowfall of the season was thus roughly normal but in the Almora hills fresh deposits of snow were on the whole above the average of previous years. The accumulations at the end of July were normal except on the Kilba hills, near Leh and on the Paghman range, where there was a slight excess.

August and September.—Light snow fell at higher elevations near Drosh, Skardu and Gulmarg. In the Punjab snowfall descended to 11,000 feet in September in the hills near Simla and the fall of the season was above normal. There was also early snow in Lahul and other ranges. In the Almora hills fresh deposits of snow were reported in both the months but the amounts were below normal.

The retreating monsoon period, October to December.—In the North-West Frontier Province snow fell as usual on the Safed Koh and other high elevations in October and November and descended to the level of Drosh in December. In Kashmir also snow in October and November fell mostly in the hills surrounding the reporting stations, and the total fall of the season was on the whole below normal. Snowfall in the Punjab was earlier and heavier than usual in October and November and was below the average of previous years in December. Fresh deposits of snow occurred in all the three months in the Almora hills and the total fall is reported generally to be above the average of recent years. In the Eastern Himalayas snowfall if anything was less than usual during the season.

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 southern hemispheres. The mean daily numbers of spots are also given :—

TABLE 16.

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
New groups.	4	4	3	2	3	4	3	..	4	3	3	2	35
North .	3	2	3	1	2	2	2	..	2	1	1	2	21
South .	1	2	..	1	1	2	1	..	2	2	2	..	14
Daily numbers	0·6	0·2	0·3	0·5	0·4	0·7	0·3	..	1·0	1·0	0·9	0·3	0·5

The above figures indicate a decrease of about 50 per cent. in the number of new groups as compared with the year 1922.

The approximate mean latitude of the spots was 10·4° in the northern hemisphere and 13·2° in the southern.

The appearance of a few high latitude spots since September indicates that the minimum period has passed and the new cycle has commenced.

The number of bright reversals of the Hα line in the neighbourhood of spots was 55, whilst the number of displacements observed on the disc was 18, of which 15 were towards the red. D_3 was observed as dark line on 17 occasions.

Prominences.—The mean daily areas in square minutes of arc derived from the Kodaikanal photographic records are shown below :—

—	North.	South.	Total.
1923 January to June .	2·48	2·10	4·58
„ July to December .	2·22	1·96	4·18

The mean daily numbers were 15·8 and 15·1 respectively in the two half-years.

Compared with the previous year, these figures show an increase of 35 per cent. in the case of areas and 44 per cent. in numbers.

The distribution in latitude was similar in the two halves of the year and shows very little change from that of the year 1922.

Only eight metallic prominences were observed during the year, of which 6 were in the northern hemisphere.

A northern preponderance is also shown in the case of displacements of the hydrogen lines at the limb, of which 357 were recorded, as against 315 during the year 1922. 181 of these displacements were towards the red.

Prominences projected on the disc as absorption markings show a 13 per cent. increase on the activity in the second half of 1922, but a decrease of 37 per cent. on the whole year of 1922. During 1923 the mean daily area observed (corrected for foreshortening) amounted to 2,089 millionths of the Sun's visible hemisphere.

There was an excess of prominences in the western hemisphere throughout the year, while the Hα absorption markings showed a western excess during the first half-year and an eastern excess during the second.

Magnetic Observations.—The survey of India, on whose behalf the magnetic observations at Kodaikanal have been undertaken, intimated that the observations were not required from 1st October 1923 and they were in consequence completely discontinued from that date. During the period January to September 57 "Moderate" magnetic storms were registered by the self-recording instruments.

T. Royds,

Director, Kodaikanal and Madras Observatories.

Report from the Bombay Observatory.

Alibag Magnetic Record.

The following table gives the monthly mean values of the several magnetic elements derived from absolute observations.

Table 17.

1923.	Absolute values of			
Months.	Horizontal force.	Vertical force.	Inclination.	Easterly declination.
	C. G. S.	C. G. S.	° ′	° ′ ″
January . . .	0·36995	0·17339	25 6·3	0 9 51
February . .	·37007	·17378	25 7·5	0 10 31
March . . .	·37009	·17355	25 7·1	0 8 33
April . . .	·37013	·17357	25 7·2	0 8 30
May . . .	·37010	·17361	25 7·6	0 7 38
June . . .	·37016	·17370	25 7·8	0 7 0
July . . .	·37040	·17372	25 7·7	0 7 15
August . . .	·37037	·17382	25 8·5	0 7 13
September . .	·37024	·17381	25 8·9	0 6 2
October . . .	·37002	·17392	25 10·2	0 7 0
November . .	·37022	·17414	25 11·2	0 7 48
December . .	·37027	·17411	25 10·9	0 7 55

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

Mean easterly declination . .	0° 7′ 56″
„ horizontal force . . .	0·37017 C. G. S.
„ vertical force . . .	0·17376 C. G. S.
„ inclination	25° 8·4′.

During the year there were 293 calm days, 69 days of small and 3 days of moderate disturbance.

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.

1923.	Month.											
Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1 . .	0	0	0	0	0	0	0	0	0	0	1	0
2 . .	0	0	0	0	0	0	0	0	0	0	1	0
3 . .	0	0	0	0	1	0	0	1	1	0	0	0
4 . .	0	0	0	0	0	1	0	0	0	0	0	1
5 . .	0	0	0	0	0	1	0	0	0	0	0	0
6 . .	0	0	0	0	0	1	1	1	0	0	0	0
7 . .	0	0	0	0	0	0	0	0	0	0	0	0
8 . .	0	0	0	0	0	0	0	0	0	0	0	0
9 . .	0	0	0	0	0	0	0	0	0	0	0	1
10 . .	0	0	0	1	0	0	1	0	1	1	0	0
11 . .	0	0	0	1	0	0	1	0	0	0	0	0
12 . .	0	0	0	1	0	0	0	0	0	0	1	0
13 . .	0	0	0	0	0	1	0	1	0	0	0	0
14 . .	0	0	0	0	0	1	0	0	1	0	0	1
15 . .	0	0	0	0	0	0	0	0	0	2	0	0
16 . .	0	1	0	0	0	0	0	0	0	2	0	0
17 . .	0	0	0	0	1	0	0	0	0	1	0	0
18 . .	0	1	0	0	1	0	1	0	0	1	0	0
19 . .	0	0	0	0	1	0	0	0	0	1	0	0
20 . .	1	0	0	1	0	0	0	0	0	0	0	0
21 . .	0	0	0	1	0	1	0	0	0	0	1	0
22 . .	0	0	0	1	0	0	0	0	0	0	1	0
23 . .	0	0	0	1	0	0	1	0	0	0	0	1
24 . .	0	0	2	0	0	0	0	1	0	0	0	1
25 . .	0	1	1	0	0	0	0	1	0	0	0	1
26 . .	0	1	1	0	0	0	0	0	1	0	0	1
27 . .	0	1	1	0	0	0	0	0	1	1	1	1
28 . .	0	0	0	0	0	0	0	0	1	0	0	0
29 . .	1	..	0	0	1	0	0	0	1	0	1	0
30 . .	0	..	0	0	1	1	0	0	1	0	0	0
31 . .	0	..	0	..	0	..	0	0	..	1	..	0
Sum . .	2	5	5	7	6	7	5	5	8	10	7	8

In the above table 0 represents calm day, 1 rep resents small disturbance and 2 represents large disturbance.

Days are reckoned from 4 h. 51 m. of local civil mean time corresponding to 0 h. 0 m. of Greenwich civil mean time.

The following is a list of days during the year 1923 selected as "Quiet" from the Alibag records as suitable locally for determination of the magnetic diurnal inequalities :—

TABLE 19.

Months.	Selected quiet days.				
1923.					
January	3	7	15	25	28
February	5	9	15	19	23
March	3	8	13	22	30
April	2	6	15	25	28
May	5	10	13	22	28
June	2	8	17	22	26
July	4	8	16	20	30
August	5	9	17	21	26
September	4	8	16	21	24
October	3	9	13	23	29
November	5	9	15	20	25
December	2	7	17	22	29

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Director,

Bombay and Alibag Observatories.

SEISMIC RECORDS.

STATION—KODAIKANAL.

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

Apparatus—Milne's Horizontal Pendulum Seismograph.

TABLE 20.

	V	To	ε	$\frac{V}{To^2}$	Months.
AE	9·76	17·5	1	2·7	January.
	9·76	18·0	1	2·5	February, May.
	9·76	17·9	1	2·6	March, April, October.
	9·76	18·0	1	2·6	June.
	9·76	17·6	1	2·2	July.
	9·76	18·1	1	2·4	August.
	9·76	17·9	1	2·8	September.
	9·76	17·7	1	2·9	November.
	9·76	17·8	1	2·9	December.

Date.	Phase.	Time G.M.T.	Period (Sec.)	Amplitude. (μ) / AE.	Remarks.
1923.		h. m. s.			
Jan. 22nd	e P	2 00 00	..	..	
	F	2 10 18	..	..	Widening of line.
Feb. 1st	e P	19 48 48	..	..	
	e L	20 25 36	..	..	
	M	20 29 12	..	50	
	F	20 48 12	..	..	
„ 2nd	e P	1 37 06	..	..	
	e L	1 55 36	..	..	
	M	2 01 36?	..	110 ?	The paper did not move from about 2h. 23m. to 16h. 10m.
	F	?	..	..	
„ 3rd	e P	—	..	..	No P. Ts. The boom struck the stops.
	i L	16 13 36	..	..	
	M	16 54 36	..	1430	
	F	23 19 36	..	..	
„ 5th	e P	23 08 48	..	..	
	F	23 22 12	..	..	Widening of line.
„ 5th	e P	23 48 48	..	..	
	F	23 57 00	..	..	Widening of line.
„ 8th	e P	8 33 30	..	..	
	F	8 54 00	..	..	Widening of line.
„ 11th	e P	—	..	..	No P. Ts.
	e L	23 30 00	..	..	
	M	23 36 12	..	50	
	F	23 57 42	..	..	

Date.	Phase.	Time. G. M. T.	Period (Sec.)	Amplitude. (μ) / AE.	Remarks.
1923.		h. m. s.			
Feb. 12th	e P	2 42 24	..	..	
	e L	2 55 54	..	..	
	M	2 58 48	..	40	
	F	3 17 36	..	..	
„ 15th	e P	10 13 06	..	..	
	F	10 22 18	..	..	Widening of line.
„ 16th	e P	7 22 18	..	..	
	F	7 28 30	..	..	Widening of line.
„ 16th	e P	9 37 12	..	..	
	F	9 40 18	..	..	Widening of line.
„ 19th	e P	0 33 06	..	..	
	F	0 46 06	..	..	Widening of line.
„ 19th	e P	6 59 30	..	..	
	F	7 00 48	..	..	Widening of line.
„ 21st	e P	4 36 12	..	..	
	F	4 40 18	..	..	Widening of line.
„ 23rd	e P	6 07 12	..	..	
	e L	6 24 48	..	..	
	M	6 27 30	..	90	
	F	6 59 00	..	..	
„ 24th	e P	7 46 36	..	..	
	e L	8 15 30	..	..	
	M	8 26 54	..	870	
	F	10 50 42	..	..	

Date.	Phase.	Time G.M.T.	Period (Sec.)	Amplitude. (μ) / AE.	Remarks.
1923.		h. m. s.			
Mar. 2nd	e P	16 56 48	..	..	
	i L	16 59 06	..	..	
	M	17 23 00	..	450	
	F	18 38 12	..	..	
„ 3rd	e P	22 03 18	..	..	
	e L	22 06 42	..	..	
	M	22 08 30	..	150	
	F	22 33 36	..	..	
„ 4th	e P	1 03 54	..	..	
	F	1 16 12	..	..	Widening of line.
„ 10th	e P	20 22 18	..	..	
	F	20 24 24	..	..	Widening of line.
„ 13th	e P	20 30 00	..	..	
	F	20 45 18	..	..	Widening of line.
„ 14th	i P	21 00 00	..	..	
	e L	21 12 36	..	..	
	M	21 15 36	..	100	
	F	21 44 24	..	..	
„ 16th	e P	22 12 12	..	..	
	i L	22 17 54	..	..	
	M	22 37 42	..	360	
	F	23 32 06	..	..	
„ 24th	e P	12 46 54	..	..	
	i L	12 51 00	..	..	
	M	13 04 54	..	720	
	F	15 35 06	..	..	

TABLE 20—*contd.*

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude. (μ) / Ae.	Remarks.
1923.		h. m. s.			
Mar. 26th	e P	8 03 30	..	..	
	F	8 06 36	..	..	Widening of line.
„ 28th	e P	4 57 42	..	..	
	F	5 11 00	..	..	Widening of line.
Apl. 13th	e P	16 03 00	..	..	
	e L	16 13 18	..	..	
	M	16 20 00	..	450	
	F	17 28 42	..	..	
„ 13th	e P	18 25 24	..	..	
	F	18 27 24	..	..	Widening of line.
„ 19th	e P	3 18 54	..	..	
	e L	3 31 18	..	..	
	M	3 36 24	..	280	
	F	?	..	..	Instrument examined at 4h. 43m.
„ 23rd	e P	3 34 06	..	..	
	e L	3 47 00	..	..	
	M	3 50 00	..	60	
	F	4 14 06	..	..	
„ 24th	e P	22 13 06	..	..	
	F	22 20 18	..	..	Widening of line.
„ 27th	e P	10 55 18	..	..	
	F	11 03 06	..	..	Widening of line.
„ 29th	e P	10 03 06	..	..	
	F	10 18 36	..	..	Widening of line.
May 1st	e P	11 33 06	..	..	
	F	11 40 18	..	..	Widening of line.
„ 4th	e P	16 51 00	..	..	
	i L	17 21 00	..	..	
	M_1	17 27 54	..	620	
	M_2	18 01 00	..	550	
	F	19 41 24	..	..	
„ 5-6th	e P	23 44 30	..	..	
	F	24 01 00	..	..	Widening of line.
„ 12th	e P	1 30 00	..	..	
	i L	1 36 36	..	..	
	M	1 41 24	..	250	Hour mark at 1h. 30m.
	F	2 15 06	..	..	
„ 15th	e P	2 32 06	..	..	
	F	2 41 18	..	..	Widening of line.
„ 16th	e P	19 09 00	..	..	
	F	19 16 12	..	..	Widening of line.
„ 22rd-24th	e P	23 10 30	..	..	
	e L	23 25 54	..	..	
	M	23 36 06	..	220	
	F	0 25 54	..	..	
„ 25th	e P	—	..	..	No P. Ts.
	e L	22 35 54	..	..	
	M	22 42 36	..	70	
	F	22 48 12	..	..	

Date.	Phase.	Time G.M.T.	Period (Sec.)	Amplitude. (μ) / Ae.	Remarks.
1923.		h. m. s.			
May 30th	e P	9 12 00	..	..	
	F	9 27 24	..	..	Widening of line.
„ 30th	e P	19 36 36	..	..	
	F	19 59 12	..	..	Widening of line.
June 1st	e P	17 36 06	..	..	
	i L	18 06 24	..	..	
	M	18 07 30	..	150	
	F	19 16 12	..	..	
„ 1st	e P	20 26 06	..	..	
	e L	20 55 36	..	..	
	M	20 58 42	..	160	
	F	22 05 54	..	..	
„ 2nd	e P	1 56 06	..	..	
	F	2 00 48	..	..	Widening of line.
„ 11th	e P	22 26 54	..	..	
	F	22 29 30	..	..	Widening of line.
„ 18th	e P	8 37 12	..	..	
	e L	8 45 24	..	..	
	M	8 46 24	..	50	
	F	9 46 24	..	..	
„ 19th	e P	23 36 12	..	..	
	F	23 47 36	..	..	Widening of line.
„ 21st	e P	12 38 42	..	..	
	F	12 42 48	..	..	Widening of line.
„ 22nd	i P	6 49 12	..	..	
	i L	6 54 06	..	..	
	M	7 01 12	..	750	
	F	8 50 30	..	..	
„ 22nd	e P	16 50 30	..	..	
	F	16 54 36	..	..	Widening of line.
„ 28th	e P	3 41 42	..	..	
	F	3 54 36	..	..	Widening of line.
July 1st	e P	8 04 42	..	..	
	F	8 17 00	..	..	Widening of line.
„ 2nd	e P	2 50 00	..	..	
	e L	2 58 12	..	..	
	M	3 03 36	..	60	
	F	3 18 24	..	..	
„ 7th	e P	6 17 12	..	..	
	F	6 56 42	..	..	Widening of line.
„ 7th	e P	19 55 36	..	..	
	F	20 00 48	..	..	Widening of line.
„ 10th	e P	1 46 24	..	..	
	F	2 04 54	..	..	Widening of line.
„ 12th	e P	4 22 18	..	..	
	F	4 35 06	..	..	Widening of line..

Date.	Phase.	Time G.M.T.	Period (Sec.)	Amplitude. (μ) / Ae.	Remarks.
1923.		h. m. s.			
July 13th	e P	11 22 18	..	..	
	e L	11 40 18	..	..	
	M	11 52 00	..	190	
	F	12 58 42	..	..	
„ 14th	e P	0 27 24	..	..	
	F	0 37 12	..	..	Widening of line.
„ 16th	e P	14 40 18	..	..	
	e L	15 02 48	..	..	
	M	15 08 30	..	50	
	F	15 23 18	..	..	
„ 20th	e P	—	..	..	No P. Ts.
	e L	15 51 30	..	..	
	M	15 57 42	..	50	
	F	16 11 00	..	..	
„ 22nd	e P	14 41 18	..	..	
	e L	15 05 54	..	..	
	M	15 19 12	..	80	
	F	15 38 12	..	..	
Aug. 1st	e P	8 33 06	..	..	
	F	8 35 12	..	..	Widening of line.
„ 1st	e P	8 49 36	..	..	
	F	8 53 00	..	..	Widening of line.
„ 4th	e P	17 16 06	..	..	
	F	17 23 18	..	..	Widening of line.
„ 4th	e P	18 00 48	..	..	
	F	18 02 48	..	..	Widening of line.
„ 10th	e P	2 33 36	..	..	
	F	2 39 12	..	..	Widening of line.
„ 10th	e P	12 39 12	..	..	
	F	12 43 18	..	..	Widening of line.
„ 10th	e P	16 06 54	..	..	
	F	16 26 24	..	..	Widening of line.
„ 11th	e P	1 02 18	..	..	
	e L	1 18 42	..	..	
	M	1 24 30	..	110	
	F	1 59 42	..	..	
„ 12th	e P	10 22 48	..	..	
	e L	10 37 12	..	..	
	M	10 46 24	..	40	
	F	11 06 54	..	..	
„ 16th	e P	21 09 00	..	..	
	F	21 20 18	..	..	Widening of line.
„ 17th	e P	2 27 12	..	..	
	F	2 29 30	..	..	Widening of line.
„ 20th	e P	18 37 12	..	..	
	e L	18 41 30	..	..	
	M	18 42 48	..	40	
	F	18 56 36	..	..	
„ 20th	e P	19 42 18	..	..	
	F	19 53 36	..	..	Widening of line.

TABLE 20—*concld.*

Date.	Phase.	Time G.M.T.	Period (Sec.)	Amplitude (μ) AE.	Remarks.
1923.		h. m. s.			
Aug. 27th	e P	11 43 06	..	..	
	F	11 48 12	..	..	Widening of line.
,, 29th	e P	0 33 06	..	..	
	F	1 05 54	..	..	Widening of line.
Sep. 1st	i P	3 09 30	..	..	
	i L	3 11 18	..	..	
	M	3 44 42	..	950	
	F	?	..	..	Overlapping. Instrument examined at 4h. 52m.
,, 1st	e P	?	..	..	
	e L	5 30 30	..	..	
	M	5 38 42	..	340	
	F	6 08 54	..	..	
,, 1st	e P	8 04 54	..	..	
	e L	8 09 12	..	..	
	M	8 19 30	..	90	
	F	8 46 24	..	..	
,, 2nd	e P	3 02 12	..	..	
	i L	3 05 18	..	..	
	M_1	3 26 42	..	850	Instrument examined at 4h. 18m.
	M_2	3 29 24	..	800	
	F	6 00 54	..	..	
,, 2nd	e P	9 46 54	..	..	
	e L	10 03 00	..	..	
	M	10 07 24	..	60	
	F	10 51 30	..	..	
,, 2nd-3rd	e P	23 07 24	..	..	
	F	0 23 18	..	..	Widening of line.
,, 9th	e P	22 08 12	..	..	
	e L	22 12 18	..	..	
	M	22 17 12	..	450	
	F	23 46 24	..	..	
,, 14th	e P	8 25 18	..	..	
	F	8 31 36	..	..	Widening of line.
,, 14th	e P	13 18 42	..	..	
	F	13 28 00	..	..	Widening of line.
,, 14th	e P	14 12 00	..	..	
	F	14 18 36	..	..	Widening of line.
,, 15th	e P	19 15 06	..	..	
	F	19 18 12	..	..	Widening of line.
,, 16th	e P	16 20 12	..	..	
	e L	17 14 36	..	..	
	M	17 19 30	..	50	
	F	17 42 18	..	..	
,, 17th	i P	7 24 30	..	..	
	i L	7 27 24	..	..	
	M	7 30 30	..	250	
	F	8 17 12	..	..	

Date.	Phase.	Time. G. M. T.	Period (Sec.)	Amplitude. (μ) AE.	Remarks.
1923.		h. m. s.			
Sep. 21st	e P	20 24 24	..	..	
	F	20 30 30	..	..	Widening of line.
,, 22nd	e P	20 54 06	..	..	
	i L	20 58 42	..	..	
	M	21 07 24	..	410	
	F	22 25 06	..	..	
,, 26th	e P	8 49 36	..	..	
	e L	8 55 48	..	..	
	M	9 03 36	..	80	
	F	9 52 42	..	..	
,, 27th	e P	7 30 00	..	..	
	F	7 44 24	..	..	Widening of line. P merged in hour mark.
,, 30th	e P	1 40 42	..	..	
	e L	2 13 36	..	..	
	M	2 21 48	..	40	
	F	?	..	..	Overlapping. Instrument examined at 3h.-13½m.
,, 30th	e P	?	..	..	
	e L	3 40 42	..	..	
	M	3 47 24	..	40	
	F	4 46 54	..	..	
Oct. 1st	e P	..	..	..	No P. Ts.
	e L	8 25 12	..	..	
	M	8 28 42	..	190	
	F	8 51 30	..	..	
,, 1st	e P	23 26 24	..	..	
	F	23 44 24	..	..	Widening of line. Amplitude 0·5.
,, 7th	e P	3 39 00	..	..	
	i L	3 46 36	..	..	
	M	4 04 18	..	300	
	F	5 47 24	..	..	
,, 10th	e P	7 38 12	..	..	
	e L	7 49 30	..	..	
	M	7 59 42	..	50	
	F	8 28 30	..	..	
,, 15th	e P	7 55 36	..	..	
	e L	8 25 24	..	..	
	M	8 29 12	..	110	
	F	9 02 42	..	..	
,, 20th	e P	3 42 18	..	..	
	F	3 47 24	..	..	Widening of line.
Nov. 2nd-3rd	e P	21 20 18	..	..	
	i L	21 30 48	..	..	
	M	21 31 00	..	130	
	F	0 38 12	..	..	

Date.	Phase.	Time G.M.T.	Period (Sec.)	Amplitude (μ) AE.	Remarks.
1923.		h. m. s.			
Nov. 3rd	e P	3 42 00	..	..	
	F	3 44 36	..	..	Widening of line.
,, 3rd	e P	16 32 06	..	..	
	e L	16 50 30	..	..	
	M	16 59 30	..	100	
	F	17 57 42	..	..	
,, 4th	e P	0 16 12	..	..	
	i L	1 26 06	..	..	
	M	1 27 06	..	60	
	F	1 59 42	..	..	
,, 5th	e P	21 37 12	..	..	
	e L	21 59 30	..	..	
	M	22 03 36	..	150	
	F	23 09 00	..	..	
,, 6th	e P	0 20 18	..	..	
	F	0 29 30	..	..	Widening of line.
,, 6th	e P	18 33 06	..	..	
	F	18 48 30	..	..	Widening of line.
,, 6th	e P	19 51 30	..	..	
	F	20 01 48	..	..	Widening of line.
,, 18th	e P	21 42 24	..	..	
	F	22 19 42	..	..	Widening of line.
,, 26th	e P	12 33 36	..	..	
	e L	12 38 42	..	..	
	M	12 42 48	..	50	
	F	12 49 00	..	..	
,, 29th	e P	3 48 30	..	..	
	F	3 53 36	..	..	Widening of line.
Dec. 5th	e P	21 34 06	..	..	
	F	21 41 18	..	..	Widening of line.
,, 5th	e P	22 46 30	..	..	
	e L	23 01 06	..	..	
	M	23 07 06	..	150	
	F	23 39 48	..	..	
,, 11th	e P	0 09 00	..	..	
	F	0 12 12	..	..	Widening of line.
,, 14th	e P	12 01 00	..	..	
	F	12 13 30	..	..	Widening of line.
,, 28th	e P	22 40 36	..	..	
	e L	22 44 42	..	..	
	M	22 45 48	..	60	The times on Dec. 28, are approximate as there was no hour mark on sheet.
	F	23 02 12	..	..	

T. ROYDS,

Director, Kodaikanal and Madras Observatories.

STATION—COLABA, BOMBAY.

ϕ=18° 53′ 36″ N ; λ=72° 48′ 56″ E ; h=11 metres. *Subsoil*—Trap.

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

TABLE 21.

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

Date.	Phase.	Time G. M. T.	Period (Sec.)	Amplitude. (μ) / AE.	Remarks.
1923.		h. m. s.			
January	No seismic disturbance was recorded during the month.				
Feb. 2nd	Pe	1 1 43	..	..	Maximum cannot be determined as the movements are very small.
„ 2nd	P	5 19 14	..	..	
	S	5 28 44	..	..	
	L	5 42 33	..	..	
	M	5 51 35	..	1135	
„ 3rd	P	16 13 25	..	..	
	S	16 23 50	..	..	
	L	16 40 47	..	..	
	M	16 43 44	..	4900	
*„ 12th	Pe	2 14 55	..	..	Maximum cannot be determined as the movements are very small.
„ 23rd	P	6 1 37	..	..	Do. do.
„ 24th	P	7 46 22	..	..	
	S	7 56 29	..	..	
	L	8 16 12	..	..	
	M	8 16 53	..	345	
Mar. 2nd	P	16 58 7	..	..	
	S	17 5 29	..	..	
	M	17 26 55	..	145	
„ 5th	P	13 27 43	..	..	Slight local shock probably due to blasting operation in the neighbourhood.
„ 7th	P	10 53 20	..	..	Do. do.

Date.	Phase.	Time G.M.T.	Period. (Sec.)	Amplitude (μ) / AE.	Remarks.
1923.		h. m. s.			
Mar. 16th	Pe	22 11 13	..	..	Maximum cannot be determined as the movements are very small.
„ 24th	P	12 46 3	..	..	
	S	12 50 56	..	..	
	L	12 54 52	..	..	
	M	12 56 42	..	825	
* „ 28th	e	4 17 42	..	..	
Apr. 13th	P	15 51 41	..	185	
	M	16 12 33	..	..	
„ 19th	Pe	3 19 32	..	..	
	S	3 24 25	..	..	
	Me	3 39	..	30	
„ 23rd	Pe	3 31 6	..	..	Maximum cannot be determined as the movements are very small.
	M	..	..	..	
„ 24th	P	22 6 21	..	..	Do. do.
	M	..	..	..	
May 4th	P	16 43 39	..	..	
	S	16 53 47	..	..	
	L	17 16 0	..	..	
	M	17 24 56	..	360	
„ 12th	P	1 27 52	..	..	
	S	1 34 5	..	..	
	L	1 41 56	..	..	
	Me	1 44 0	..	30	

Date.	Phase.	Time G.M.T.	Period (Sec.)	Amplitude (μ) / AE.	Remarks.
1923.		h. m. s.			
May 23rd	Pe	22 49 25	..	..	
	S	22 58 20	..	..	
	L	23 19 13	..	..	
	M	23 15 19	..	40	
„ 24th	Fe	0 29 22	..	..	
„ 25th	P	22 26 34	..	..	
	S	22 30 27	..	..	
	L	22 34 16	..	..	
	Fe	23 4 4	..	..	
	Me	22 35	..	25	
„ 28th	P	1 31 37	..	..	
	S	1 36 14	..	..	
	L	1 38 57	..	..	
	M	1 40 12	..	135	
	Fe	2 36 32	..	..	
June 1st	P	17 35 9	..	..	
	S	17 43 45	..	..	
	L	17 56 7	..	..	
	M	18 3 58	..	65	
„ 1st	P	20 26 7	..	..	
	S	20 34 32	..	..	
	Me	20 35	..	20	
„ 22nd	P	6 49 55	..	..	
	S	6 54 28	..	..	
	L	6 58 44	..	..	
	M	7 0 13	..	1045	

* From Colaba No. 1 (E-W) Seismograph.

TABLE 21—*contd.*

Apparatus.—Milne-Shaw Seismograph (N—S).

Damping Ratio 20·6 : 1.

	V	To	ε	$\frac{r}{To^2}$
AN	250	11·9	2·7	·016

Date.	Phase.	Time G.M.T	Period (Sec.).	Amplitude. (μ) / AN	Remarks.
1923.		h. m. s.			
July 1st .	P	8 5 42	..	..	
	S	8 9 8	..	..	
	L	8 10 55	..	..	
	M	8 11 28	..	..	
,, 2nd .	P	2 47 16	..	..	
	S	2 50 16	..	..	
	L	2 52 2	..	..	
	M	3 1 29	..	..	
,, 18th .	P	11 22 59	..	..	
	S	11 30 50	..	..	
	Le	11 42 39	..	..	
	M	11 46 39	9	24	
,, 22nd .	P	14 30 20	..	..	
	S	14 40 36	..	..	
	L	15 0 43	..	..	
	M	15 3 52	..	39	
Aug. 10th	P	2 25 21	..	..	
	S	2 27 25	..	..	
	Le	2 28 40	..	..	
	M	2 29 4	..	..	
	Fe	2 34 55	..	..	
,, 10th	P	16 2 44	..	..	
	S	16 6 24	..	..	
	L	16 8 39	..	..	
	M	16 10	..	..	
	Fe	16 25 9	..	..	
,, 11th	P	1 10 6	..	..	
	M	..	..	..	Maximum cannot be determined as the movements are very small.
	Fe	1 35 7	..	..	
,, 12th	P	10 22 37	..	..	
	M	..	..	..	Maximum cannot be determined as the movements are very small.
	F	10 46 41	..	..	
Sep. 1st .	P	3 8 44	..	..	
	S	3 16 57	..	..	
	L	3 29 52	..	..	

Date.	Phase.	Time G.M.T.	Period (Sec.).	Amplitude. (μ) / AN.	Remarks.
1923.		h. m. s.			
Sep. 2nd .	P	2 56 56	..	..	
	S	3 5 11	..	..	
	L	3 18 35	..	..	
,, 2nd .	P	9 37 14	..	..	
	S	9 45 29	..	..	
	L	9 58 29	..	..	
,, 9th & 10th.	P	22 7 56	..	..	
	S	22 11 3	..	..	
	Le	22 12 33	..	..	
	M	..	..	..	Maximum cannot be determined as the curve is very faint.
,, 10th	Fe	0 20 53	..	..	
,, 14th	P	8 14 26	..	..	
	M	..	..	..	Maximum cannot be determined as the movements are very small.
	F	8 49 21	..	..	
,, 14th	P	13 9 32	..	..	Tremors.
	F	14 45 40	..	..	
,, 16th	P	16 45 50	..	..	
	S	16 54 35	..	..	
	M	17 4 46	..	..	
	Fe	18 8 35	..	..	
,, 17th	P	3 57 49	..	..	
	M	..	..	..	Maximum cannot be determined as the movements are very small.
	F	4 27 34	..	..	
,, 17th	P	7 14 12	..	..	These times are as shown by Omori instrument. Milne Shaw record is lost while changing photographic papers.
	S	7 18 57	..	..	
	L	7 22 29	..	..	
	M	7 23 31	..	410	

Date.	Phase.	Time G.M.T.	Period (Sec.).	Amplitude. (μ) / AN.	Remarks.
1923.		h. m. s.			
Sep. 21st	Pe	20 13 51	..	..	Tremors.
	F	20 41 36	..	..	
,, 22nd	P	20 51 58	..	..	
	Se	20 55 58	..	..	
	L	20 59 10	..	..	
	M	21 2 30	..	..	
,, 23rd	P	3 23 29	.	..	
	S	3 26 55	..	..	
	L	3 28 31	..	..	
	M	3 32 46	..	..	
	Fe	3 47 31	..	..	
,, 26th	P	8 33 58	..	..	
	S	8 42 28	..	..	
	L	8 55 58	..	..	
	M	9 2 23	..	..	
	F	10 10 43	..	..	
,, 27th	Pe	7 10 24	..	..	
	S	7 17 54	..	..	
	L	7 27 54	..	..	
	Me	7 39 9	..	..	
,, 29th	Pe	7 7 58	..	..	
	M	..	..	..	Maximum cannot be determined as the movements are very small.
,, 30th	P	1 33 16	..	..	
	S	1 43 41	..	..	
	M	2 15	..	..	
	Fe	4 22 41	..	..	
,, 30th	P	23 14 37	..	..	Tremors.
	Fe	23 31 37	..	..	
Oct. 1st .	P	8 19 9	..	..	
	S	8 21 35	..	..	
	L	8 22 35	..	..	
	M	8 24 1	..	..	
	F	9 27 35	..	..	
,, 2nd.	Pe	11 22 54	..	..	
	S	11 26 46	..	..	
	L	11 29 39	..	..	
	M	11 30	..	..	
	F	11 54 31	..	..	

TABLE 21—*concld.*

Date.	Phase.	Time G.M.T.	Period (Sec.).	Amplitude. (μ) AN.	Remarks.
1923.		h. m. s.			
Oct. 3rd .	P	16 12 20	..	..	
	Se	16 19 27	..	..	
	L	16 29 57	..	..	
	Me	16 31 44	..	..	
	F	16 55 2	..	..	
,, 7th .	P	3 39 43	..	..	
	S	3 47 53	..	..	
	L	4 2 44	..	..	
	M	4 4 13	..	..	
,, 10th .	P	7 22 36	..	..	
	S	7 31 43	..	..	
	L	7 48 13	..	..	
	M	7 57 40	..	..	
,, 15th .	P	7 49 11	10	..	
	S	8 0 52	..	..	
	M	8 28 7	..	30	
	F	9 43 37	..	..	
,, 20th .	P	3 24 44	..	..	
	S	3 29 46	..	..	
	L	3 33 51	..	..	
	M	3 26 56	10	14	
,, 22nd .	P	7 4 18	..	..	
	S	7 8 18	..	..	
	Le	7 11 16	..	..	
	M	7 9 18	..	..	
,, 28th .	P	9 33 24	..	..	
	M	..	..	..	Maximum cannot be determined as the movements are very small.
Nov 2nd.	P	21 20 22	..	..	
	S	21 30 35	..	..	
	L	21 46 22	..	..	
	M	21 32 7	10	26	
,, 3rd .	F	1 20 35	..	..	
,, 3rd .	P	16 28 36	..	..	
	S	16 36 27	..	..	
	M	16 49 52	10	67	
	F	18 19 0	..	..	
,, 4th .	P	0 16 51	..	..	
	S	0 27 9	..	..	
	M	0 27 13	10	23	
,, 4th	P	20 16 7	..	..	
	S	20 25 52	..	..	
	M	20 25 56	..	..	
	F	21 30 0	..	..	
,, 5th	P	21 37 12	..	..	
	S	21 45 4	..	..	

Date.	Phase.	Time G.M.T.	Period (Sec.).	Amplitude. (μ) AN.	Remarks.
1923.		h. m. s.			
Nov. 5th .	L	21 56 59	..	..	
	M	22 4 10	10	77	
,, 6th .	F	1 29 0	..	..	
,, 6th .	From	18 19	..	..	
	To	19 19	..	..	Tremors.
,, 6th .	From	19 36	..	..	
	To	20 39	..	..	Tremors.
,, 12th	From	12 24	..	..	
	To	13 9	..	..	Tremors.
,, 17th	P	3 16 50	..	..	
	S	3 22 42	..	..	
	M	3 46 39	..	..	
	F	4 22 0	..	..	
,, 18th	P	21 37 57	..	..	
	S	21 44 42	..	..	
	L	21 52 47	..	..	
	M	21 56 50	9	31	
	F	23 7 0	..	..	
,, 19th	P	2 34 14	..	..	
	S	2 37 20	..	..	
	M	2 46 16	..	..	
	F	3 3 37	..	..	
,, 21st .	Pe	13 34 22	..	..	
	M	13 41 58	..	..	
	F	14 9 0	..	..	
,, 22nd .	From	7 30 0	..	..	
	To	7 33 0	..	..	Tremors.
,, 22nd .	Pe	7 36 10	..	..	
	M	7 48 17	..	..	
,, 25th .	P	17 12 9	..	..	
	S	17 13 54	..	..	
	M	17 31 13	..	..	
	F	18 14 0	..	..	
,, 26th .	P	12 27 52	..	..	
	S	12 35 16	..	..	
	L	12 45 37	..	..	
	M	12 35 26	10	11	
	F	14 9 0	..	..	
,, 28th .	P	16 12 36	..	..	
	S	16 16 6	..	..	
	M	16 16 9	..	..	
	L	16 18 6	..	..	
	F	16 29 0	..	..	
,, 29th .	P	3 39 18	..	..	
	S	3 43 11	..	..	
	L	3 45 48	..	..	
	M	3 49 18	..	..	
	F	4 21 0	..	..	

Date.	Phase.	Time G.M.T.	Period (Sec.).	Amplitude. (μ) AN.	Remarks.
1923.		h. m. s.			
Dec. 4th .	Pe	9 47 38	..	..	
	S	9 48 57	..	..	
	M	9 48 14	..	..	
	F	10 1 0	..	..	
,, 5th .	P	21 5 22	..	..	
	S	21 12 17	..	..	
	L	21 21 19	..	..	
	M	21 28 1	..	..	
,, 5th .	P	22 44 23	..	..	
	S	22 51 42	..	..	
	L	23 4 12	..	..	
	M	23 6 5	..	..	
,, 6th .	F	0 14 0	..	..	
,, 7th .	From	16 32	..	..	
	To	16 54	..	..	Tremors.
,, 7th .	From	23 53	..	..	
,, 8th .	To	0 24	..	..	Tremors.
,, 8th .	P	17 25	..	..	
	M	17 47	..	..	Tremors.
,, 8th .	From	19 34	..	..	
	To	19 55	..	..	Tremors.
,, 10th .	..	21	..	..	Tremors.
,, 11th .	P	5 11 10	..	..	
	F	5 58	..	..	Tremors.
,, 14th .	From	11 44	..	..	
	To	12 54	..	..	Tremors.
,, 15th .	P	22 10 25	..	..	
	S	22 11 49	..	..	
	M	22 12 6	..	..	
	F	22 28 0	..	..	
,, 16th .	P	11 54 55	..	..	
	S	11 56 25	..	..	
	L	11 57 51	..	..	
	M	11 58 0	..	..	
	F	12 29 0	..	..	
,, 20th .	P	15 18 10	..	..	
	S	15 22 6	..	..	
	L	15 24 17	..	..	
	M	15 26 17	..	..	
	F	15 54 0	..	..	
,, 22nd .	..	11	..	..	Tremors.
,, 27th .	..	14	..	..	Do.
,, 28th .	P	22 29 35	..	..	
	S	22 33 24	..	..	
	L	22 35 50	..	..	
	M	22 29 35	..	17	
	F	23 21 0	..	..	

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STATION—CALCUTTA (ALIPORE).

ϕ =22° 32′ N ; λ =88° 20′ E ; h=6·4 m. *Subsoil*—Alluvial.

Apparatus—Two Omori Ewing Horizontal Pendulum Seismographs.

TABLE 22.

	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.
1923.		h. m. s.				
Feb. 2nd	AE P	9 18 0	3	..	..	Severe shock.
	S	9 26 16	7	..	..	
	L	9 34 38	10	..	..	
	M	9 42 0	..	..	1414	
	F	11 7 24	..	..	..	
,, 2nd	AN P	9 18 4	2	..	..	
	S	9 26 21	5	..	..	
	M	9 47 9	..	1345	..	
	F	10 30 45	..	..	..	
,, 3rd	AE P	16 12 14	7	..	..	
	S	16 21 52	17	..	..	
,, 3rd	AN P	16 12 9	8	..	..	
	S	16 21 21	12	..	..	
	L	16 36 45	14	..	..	
,, 23rd	AE P	5 59 38	6	..	..	
	S	6 9 31	10	..	..	
	F	7 4 2	..	..	..	
,, 23rd	AN P	5 59 40	5	..	..	
	S	6 9 47	10	..	..	
	F	6 30 47	..	..	..	
,, 24th	AE P	7 45 11	6	..	..	Distant shock
	L	8 9 34	14	..	..	
	M	8 13 35	..	..	1517	
	F	9 54 4	..	..	..	
,, 24th	AN P	7 45 2	5	..	..	
	L	8 9 43	10	..	..	
	F	9 1 55	..	..	..	

Date.	Phase.	Time G.M.T.	Period (Sec.).	Amplitude (μ) AN.	Amplitude (μ) AE.	Remarks.
1923.		h. m. s.				
Mar. 2nd	AE P	16 56 27	5	..	..	Moderate shock.
	S	17 2 27	10	..	..	
	L	17 9 39	14	..	..	
	M	17 16 9	..	..	552	
	F	18 25 26	..	..	..	
,, 2nd	AN P	16 56 28	5	..	..	
	S	17 2 16	10	..	..	
	L	17 9 28	12	..	..	
	M	17 16 6	..	1138	..	
	F	17 50 28	..	..	..	
,, 14th	AE P	20 51 48	..	..	..	AN instrument under adjustment.
	F	21 50 0	..	..	..	
,, 16th	P	22 9 26	..	..	..	
	F	23 15 9	..	..	..	
,, 24th	P	12 42 30	5	..	..	Severe shock.
	L	12 46 12	12	..	..	
	F	14 47 42	..	..	..	
Apl. 19th	AE P	3 16 6	2	..	..	
,, 19th	AN P	3 16 4	2	..	..	
	M	3 33 57	..	327	..	
	F	3 57 28	..	..	..	
,, 23rd	AE P	3 32 12	..	..	..	
,, 24th	P	22 4 57	1	..	..	Local shock.
	L	22 6 35	..	..	..	
	M	22 6 59	..	..	310	
	F	22 32 49	..	..	..	
May 4th	P	16 49 50	..	..	..	
	M	17 19 33	..	..	448	
,, 4th	AN P	16 40 28	..	..	..	
	M	17 20 52	..	362	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude (μ) AN.	Amplitude (μ) AE.	Remarks.
1923.		h. m. s.				
May 12th	AE P	1 25 59	5	..	..	
	S	1 32 59	7	..	..	
	L	1 40 59	14	..	..	
,, 23rd	P	22 47 59	..	..	..	Distant shock.
,, 24th	F	0 53 50	..	..	..	
,, 25th	P	22 27 11	2	..	..	
	S	22 32 40	5	..	..	
	L	22 37 47	7	..	..	
,, 28th	P	1 29 34	2	..	..	
	S	1 34 3	5	..	..	
	L	1 38 10	17	..	..	
	M	1 40 46	..	..	766	
	F	3 3 46	..	..	..	
,, 28th	AN P	1 29 19	2	..	..	
	S	1 33 55	3	..	..	
	L	1 38 43	17	..	..	
	F	2 22 19	..	..	..	
June 1st	AE P	17 33 31	2	..	..	Distant moderate shock.
	S	17 40 48	7	..	..	
	L	17 48 38	20	..	..	
	M	17 52 18	..	..	655	
	F	19 1 48	..	..	..	
,, 1st	AN P	17 33 14	3	..	..	
	M	17 53 20	..	552	..	
	F	18 31 50	..	..	..	
,, 1st	AE P	20 23 55	2	..	..	
	S	20 31 12	5	..	..	
	L	20 38 10	14	..	..	
	F	21 27 46	..	..	..	
,, 1st	AN P	20 24 2	3	..	..	
	F	21 1 38	..	..	..	

TABLE 22—*contd.*

Date.	Phase.	Time G.M.T.	Period (Sec.).	Amplitude (μ) An.	Amplitude (μ) Ae.	Remarks.
1923.		h. m. s.				
June 18th	AE P	8 33 7	..	..	..	
„ 18th	AN P	8 33 23	2	..	..	
„ 21st	AE P	12 33 21	1	..	..	Local shock.
	L	12 35 40	3	..	.	
	F	12 58 11	..	..	..	
„ 21st	AN P	12 33 16	1	..	..	
	L	12 35 40	3	..	..	
„ 22nd	AE P	6 46 33	2	..	..	Severe local shock.
	L	6 48 50	5	..	..	
„ 22nd	AN P	6 46 38	2	..	..	
	L	6 48 36	7	..	..	
„ 22nd	AE P	9 56 0	1	..	..	Local shock.
	L	9 58 14	6	..	..	
	F	10 15 14	..	..	..	
„ 22nd	AN P	9 56 24	2	..	..	
„ 22nd	AE P	12 8 28	2	..	..	
	L	12 10 40	6	..	..	
	F	12 22 16	..	..	..	
„ 22nd	AN P	12 8 36	2	..	..	
July 1st	AE P	7 59 52	2	..	..	
	F	8 29 9	..	..	..	
„ 1st	AN P	7 59 50	3	..	..	
	F	8 27 19	..	..	..	
„ 2nd	AE P	2 43 54	2	..	..	
„ 2nd	AN P	2 44 16	..	..	..	
	F	3 23 57	..	..	..	
„ 13th	AN P	11 21 10	3	..	..	Moderate shock.
	S	11 28 14	6	..	..	
	L	11 35 24	24	..	..	
	M	11 37 29	..	1448	..	
	F	12 3 0	..	..	..	
„ 16th	P	13 32 38	2	..	..	
	F	13 55 33	..	..	..	
Aug. 10th	AE P	2 25 42	2	..	..	
„ 10th	AN P	2 25 48	2	..	..	
	F	2 46 43	..	..	..	
„ 10th	AE P	15 59 24	1	..	..	A felt local shock.
	L	16 0 14	3	..	..	
	M	16 1 38	..	..	379	
	F	16 35 26	..	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude (μ) An.	Amplitude (μ) Ae.	Remarks.
1923.		h. m. s.				
Aug. 10th	AN P	15 59 35	1	..	..	
	L	16 0 23	3	..	..	
	M	16 1 49	..	207	..	
	F	16 47 35	..	..	..	
„ 11th	AE P	1 2 38	..	..	..	Distant shock.
	L	1 21 14	19	..	..	
„ 11th	AN P	1 2 35	2	..	..	
	L	1 20 54	17	..	..	
„ 12th	AE P	10 13 38	2	..	..	
„ 26th	P	11 33 29	1	..	..	
	F	11 52 29	..	..	..	
„ 26th	AN P	11 33 22	1	..	..	
	F	11 52 34	..	..	..	
„ 31st	AE P	2 20 35	2	..	..	
	L	2 29 52	10	..	..	
	F	2 42 59	..	..	..	
„ 31st	AN P	2 20 48	2	..	..	
	L	2 30 14	7	..	..	
	F	2 56 38	..	..	..	
Sep. 1st	AE P	3 6 49	3	..	..	Very severe distant shock.
	S	3 13 49	..	..	..	
	L	3 21 9	..	..	..	
	F	6 42 5	..	..	..	
„ 1st	AN P	3 6 52	2	..	..	
	S	3 13 33	..	..	..	
	F	5 59 5	..	..	..	
„ 1st	P	7 53 4	3	..	..	Distant shock.
	L	8 4 16	14	..	..	
	F	8 39 28	..	..	..	
„ 2nd	AE P	2 54 19	7	..	..	Very severe distant shock.
	S	3 1 9	12	..	..	
	L	3 9 7	24	..	..	
	M	3 13 7	..	..	2931	
„ 2nd	AN P	2 54 26	5	..	..	
	S	3 1 14	8	..	..	
	L	3 9 14	..	..	..	
	F	4 48 26	..	..	..	
„ 2nd	AE P	9 34 38	3	..	..	Distant shock.
„ 2nd	AN P	9 34 37	3	..	..	
	F	10 22 23	..	..	..	

Date.	Phase.	Time G.M.T.	Period (Sec.).	Amplitude (μ) An.	Amplitude (μ) Ae.	Remarks.
1923.		h. m. s.				
Sep. 5th	AE P	15 30 40	2	..	..	
	F	15 52 50	..	..	..	
„ 5th	AN P	15 30 21	2	..	..	
	F	15 51 2	..	..	..	
„ 9th	AE P	22 3 57	..	..	..	Severe felt shock.
„ 10th	P	8 45 2	..	..	..	
	F	8 51 2	..	..	..	
„ 10th	AN P	8 44 59	..	..	..	
	F	8 56 16	..	..	..	
„ 10th	AE P	9 14 38	..	..	..	
	F	9 23 2	..	..	..	
„ 10th	AN P	9 14 38	..	..	..	
	F	9 27 16	..	..	..	
„ 14th	AN P	8 21 6	2	..	..	
	F	8 39 6	..	..	..	
„ 14th	AE P	13 3 9	2	..	..	
	F	13 29 9	..	..	..	
„ 14th	AN P	13 3 6	2	..	..	
	F	13 25 6	..	..	..	
„ 17th	AE P	1 49 33	1	..	..	
	F	1 58 23	..	..	..	
„ 17th	AN P	1 49 37	1	..	..	
	F	2 1 27	..	..	..	
„ 17th	AE P	7 15 47	..	..	..	Distant moderate shock.
	S	7 20 37	5	..	..	
	L	7 25 57	10	..	..	
	F	8 8 57	..	..	..	
„ 17th	AN P	7 16 1	1	..	..	
	L	7 26 20	6	..	..	
	F	7 53 1	..	..	..	
„ 22nd	AE P	20 53 44	3	..	..	Distant moderate shock.
	S	20 58 54	7	..	..	
	L	21 4 4	12	..	..	
	M	21 6 59	..	..	517	
	F	21 58 49	..	..	..	
„ 22nd	AN P	20 53 42	2	..	..	
	S	20 59 32	6	..	..	
	L	21 4 13	12	..	..	
	M	21 6 53	..	848	..	
	F	21 31 13	..	..	..	

TABLE 22—*concld.*

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude. (μ) An.	Amplitude. (μ) Ae.	Remarks.
1923		h. m. s.				
Sep. 30th	AE P	1 36 2	..	..	..	
	F	3 31 2	..	..	..	
„ 20 h	AN P	1 36 14	..	..	..	
„ 20.h	AC P	23 17 12	1	..	..	
	L	23 19 0	2	..	..	
	F	23 34 2	..	..	..	
„ 30th	AN P	23 17 0	1	..	..	
	L	23 18 58	2	..	..	
	F	23 37 12	..	..	..	
Oct. 1st	AE P	4 16 58	1	..	..	Local shock.
	F	4 21 13	..	..	..	
„ 1st	AN P	4 17 0	1	..	..	
	F	4 25 50	..	..	..	
„ 1st	AE P	8 21 24	1	..	..	Moderate local shock.
	S	8 23 46	2	..	..	
	L	8 26 3	5	..	..	
	F	9 4 13	..	..	..	
„ 1st	AN P	8 21 26	1	..	..	
	S	8 23 47	2	..	..	
	L	8 25 50	4	..	..	
	M	8 26 33	..	827	..	
	F	8 58 33	..	..	..	
„ 2nd	AE P	11 29 41	..	..	..	
	L	11 31 26	2	..	..	
	F	11 48 7	..	..	..	
1923		h. m. s.				
Oct. 2nd	AN P	11 29 45	..	..	..	
	L	11 31 33	3	..	..	
„ 7th	AN P	3 38 23	2	..	..	Ae instrument not in use as the driving clock has been sent for repair.
	S	3 45 16	5	..	..	
	L	3 52 11	10	..	..	
	M	3 55 23	..	379	..	
	F	4 20 23	..	..	..	
„ 17th	P	16 39 26	..	..	..	
	F	16 56 36	..	..	..	
„ 20th	P	3 21 50	1	..	..	
	L	3 28 12	5	..	..	
	F	3 50 55	..	..	..	
Nov. 3rd	P	16 26 54	3	..	..	
	S	16 32 23	6	..	..	
	L	16 37 47	..	..	..	
	F	17 6 6	..	..	..	
„ 4th	AN P	0 15 54	3	..	..	
	F	0 55 23	..	..	..	
„ 5th	P	21 35 16	3	..	..	Distant shock.
	S	21 43 28	5	..	..	
	L	21 50 6	10	..	..	
	M	21 52 42	..	1724	..	
	F	22 22 28	..	..	..	
„ 28th	P	16 12 48	2	..	..	
	F	16 32 14	..	..	..	
1923		h. m. s.				
Dec. 5th	AE P	22 42 50	3	..	..	Distant shock.
	S	22 48 55	5	..	..	
	L	22 54 43	6	..	..	
	F	23 25 38	..	..	..	
„ 5th	AN P		3		..	
	S	22 48 53	5	..		
	F	23 14 15	..	..	..	
„ 14th	AE P	7 29 31	1		..	
	F	7 40 53		..	..	
„ 14th	AN P	7 29 12	1	..	..	
	F	7 40 24	..	..	..	
„ 16th	P	11 55 9	2	..	..	
	F	12 9 47	..	..	..	
„ 20th	AE P	15 22 22	2	..	..	
	F	15 37 53	..	..	..	
„ 20th	AN P	15 22 26	2	..	..	
	F	15 36 26	..	..	..	
„ 28th	AE P	22 29 54	3	..	..	Moderate shock.
	S	22 34 18	6	..	..	
	L	22 39 44	8	..	..	
	F	23 5 44	..	..	..	
„ 28th	AN P	22 29 49	2	..	..	
	S	22 34 13	5	..	..	
	L	22 38 44	7	..	..	
	F	23 3 13	..	..	..	

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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 23.

	V	To	ϵ	$\frac{r}{To^2}$	
AN	14	39	1		From 1-1-23 to 14-5-23.
	20	39	1		„ 15-5-23 to 31-12-23.
AE	14	42	1		From 1-1-23 to 29-8-23.
	16	42	1		„ 30-8-23 to 31-12-23.

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude. (μ) AN.	Amplitude. (μ) AE.	Remarks.
1923.		h. m. s.				
Jan. 13th	AE e	13 38 42	..	..	..	
	eF	13 41 12	..	..	..	Slight local shock.
„ 13th	AN e	13 38 36	..	..	..	
	eF	13 39 48	..	..	..	Do.
„ 22nd	AN e (?)	6 59 30	..	..	..	
	F (?)	9 1 12	..	..	..	Tremors.
Feb. 2nd	AE	..	..	..	72	Time marking not working.
„ 2nd	AN eP	1 02 54	..	..	..	
	L	1 22 12	..	..	..	
	M	1 24 42	..	72	..	
	F	Uncertain	..	..	..	
„ 2nd	AE	..	24	..	550	Time marking not working.
„ 2nd	AN P	4 53 54	..	..	..	
	S	5 02 24	..	..	..	Pendulum hitting against one stop.
	L	5 14 48	..	..	..	
	M	5 23 48	..	>1850	..	Pendulum hitting against both stops.
	F	?	..	..	..	
„ 3rd	AN P	15 47 42	..	..	..	
	S	15 56 54	..	1800	..	
	eL	18 12 24	..	>1860	..	
	F	20 34 24	..	..	..	
„ 8th	AE e	8 02 00	..	..	..	
	F	8 36 42	..	..	..	Tremors.
„ 8th	AN e	8 02 24	..	..	..	
	F	8 24 36	..	..	..	Do.
„ 11th	AN e	22 56 06	..	..	..	
	F	23 08 42	..	..	..	Do.

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude. (μ) AN.	Amplitude. (μ) AE.	Remarks.
1923.		h. m. s.				
Feb. 12th	AN e	2 08 30	..	..	..	
	F	2 34 24	..	..	..	Tremors
„ 19th	AN e	0 15 42	..	..	..	
	F	0 34 24	..	..	..	Do.
„ 21st	AE e	1 30 48	..	..	..	
	F	1 46 48	..	..	..	Do.
„ 21st	AN e	1 34 48	..	..	..	
	F	1 46 6	..	..	..	Do.
„ 23rd	AE P	6 1 36	..	..	..	
	S	6 9 0	..	..	..	
	L	6 23 18	24	..	36	
	F	6 49 54	..	..	..	Slight distant.
„ 23rd	AN P	6 1 30	..	..	..	
	S	6 8 54	..	..	..	
	L	6 23 12	..	..	..	
	F	6 47 12	..	..	..	Do.
„ 24th	AE P	7 45 24	..	..	..	
	S	7 53 48	..	..	..	
	L	8 10 6	24	..	..	
	M	8 13 0	..	..	643	
	F	9 58 6	..	..	..	About 7000 miles distant.
„ 24th	AN P	7 45 18	..	..	..	
	S	7 53 42	..	..	..	
	L	8 10 6	18	..	..	
	M	8 15 18	..	570	..	
	F	9 57 30	..	..	..	Do.
Mar. 2nd	AE P	16 58 18	..	..	..	
	S	17 5 24	..	..	..	
	Le	17 22 6	18	..	..	
	eM	17 25 24	..	..	143	
	F	18 28 12	..	..	..	About 3500 miles away.

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude. (μ) AN.	Amplitude. (μ) AE.	Remarks.
1923.		h. m. s.				
Mar. 2nd	AN P	16 58 18	..	..	..	
	S	17 5 30	..	..	..	
	Le	17 26 6	18	..	..	
	eM	17 29 12	..	129	..	
	F	18 28 0	..	..	..	About 3,500 miles away.
„ 6th	AE e	21 22 6	..	..	..	
	F	21 35 54	..	..	..	Tremors.
„ 6th	AN e	21 21 24	..	..	..	
	F	21 35 0	..	..	..	Do.
„ 13th	AN e	20 26 12	..	..	..	AE Time marker not working.
	F	20 39 6	..	..	..	Tremors.
„ 14th	AE eP	20 53 36	..	..	..	
	eS	21 1 36	..	..	..	
	L	21 17 12	20	..	36	
	eF	21 42 54	..	..	..	Distant, slight.
„ 14th	AN eP	21 1 18	..	..	..	
	eS	21 5 54	..	..	..	
	L	21 17 36	22	..	..	
	eF	21 44 30	..	..	..	Do.
„ 16th	AE P	22 11 54	..	..	..	
		22 19 30	..	..	..	
	L	22 35 6	20	..	..	
	eM	22 36 12	..	..	143	
	F	23 31 54	..	..	..	Moderate, about 3,500 miles distant.
„ 16th	AN P	22 12 0	..	..	..	
	S	22 19 24	..	..	..	
	L	22 35 42	..	..	..	
	eM	?	..	..	..	
	F	23 33 6	..	..	..	Do.

TABLE 23—*contd.*

Date.	Phase.	Time G.M.T.	Period (Sec.).	Amplitude. (μ) AN.	Amplitude. (μ) AE.	Remarks.
1923.		h. m. s.				
Mar. 17th	AE e	20 14 48	..	..	..	
	F	20 15 30	..	..	35	Slight local.
„ 18th	AN e	10 40 6	..	..	..	
	F	11 50 24	..	..	..	AE Machine did not record any tremors. Succession of tremors probably a distant shock.
„ 22nd	AN e	3 33 12	..	..	..	
	F	3 34 0	..	..	..	Slight local.
„ 24th	AE P	12 45 12	..	..	..	
	S	12 48 54	..	..	..	
	L	12 52 0	30?	..	..	
	Me	12 56 30	..	..	1400	Pendulum hitting against one stop.
	Fe	14 49 12	..	..	..	Severe shock about 1,300 miles distant.
„ 24th	AN P	12 45 12	..	..	..	
	S	12 49 0	..	..	..	
	L	12 51 48	..	..	..	
	Me	12 54 0	..	>1800	..	Pendulum hitting against both the stops.
	Fe	13 21 0	..	..	..	Severe shock, about 1,300 miles distant.
„ 26th	AN e	14 15 0	..	..	..	
	F	14 32 0	..	..	..	Tremors perhaps L. waves of distant shock.
Apl. 4th	AE e	10 49 48	..	..	..	
	eL	10 50 48	..	..	43	
	F	10 52 54	..	..	..	Slight.
„ 4th	AN e	10 49 30	..	..	..	
	eL	10 50 48	..	107	..	
	F	10 53 36	..	..	..	Do.
„ 9th	AN e	11 8 48	..	..	..	
	F	11 9 42	..	..	..	
„ 19th	AE P	3 17 48	..	..	..	
	S	3 24 48	..	..	..	
	L	3 36 36	28	..	..	
	M	3 38 18	..	..	250	
	F	Uncertain	..	..	..	About 3,500 miles distant.

Date.	Phase.	Time G.M.T.	Period (Sec.).	Amplitude. μ AN.	Amplitude. μ AE.	Remarks.
1923.		h. m. s.				
Apl. 19th	AN P	3 17 54	..	..	..	
	S	3 24 54	..	..	..	
	L	3 34 12	26	..	..	
	M	3 38 30	..	230	..	
	F	Uncertain	..	..	..	About 8,000 miles distant.
„ 23rd	AE eP	3 31 36	..	..	..	
	eL	3 41 18	..	..	..	
	eF	4 24 48	..	..	..	Slight distant.
„ 23rd	AN eP	Uncertain	..	..	..	
	eL	3 39 48	..	..	..	
	eF	Uncertain	..	..	..	Do.
„ 24th	AE P	22 5 6	..	..	..	
	Le	22 6 24	..	..	about 70	
	F	22 13 36	..	..	..	Slight.
„ 24th	AN P	22 5 18	..	..	..	
	Le	22 7 30	..	about 180	..	
	F	22 18 42	..	..	..	Slight.
„ 29th	AE e	9 48 0	..	..	..	
	F	10 9 30	..	..	..	Tremors.
May 4th	AE P	16 49 30	..	..	..	
	S	16 59 12	..	..	..	
	L	17 10 54	30	..	..	
	M	17 14 48	..	..	680	
	F	18 19 18	..	..	..	Distant, moderately severe.
„ 4th	AN P	16 39 12?	..	..	..	
	S	16 49 30?	..	..	..	
	L	17 17 0	..	..	..	
	M	17 22 6	..	about 700	..	Pendulum hitting against one stop.
	F	Uncertain	..	..	..	Distant, moderately severe.
„ 12th	AN P	1 28 42	..	..	..	
	S	1 35 18	..	..	..	
	L	1 43 42	26	..	..	
	M	1 47 24	..	180	..	
	F	2 11 36	..	..	..	
„ 22nd	AE e	22 27 48	..	..	..	
	F	22 28 54	..	..	30	Slight local.
„ 22nd	AN e	22 28 18	..	..	..	
	F	22 28 36	..	..	..	Do.
„ 22rd	AN P	22 56 30	..	..	..	
	L	23 17 6	18	..	..	
	M	23 19 0	..	100	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude. (μ) AN.	Amplitude. (μ) AE.	Remarks.
1923		h. m. s.				
May 24th	F	0 26 18	..	..	..	
„ 25th	AE P	22 25 42	..	..	..	
	Se	?	..	..	..	
	L	22 31 36	..	..	..	
	Me	22 32 12	..	..	90	
	F	23 4 42	..	..	..	About 1,500 miles away.
„ 25th	AN P	22 26 0	..	..	..	
	Se	22 28 54	..	..	..	
	L	22 31 6	..	..	..	
	Me	?	..	..	..	
	P	22 48 24	..	..	..	Do.
„ 28th	AE es	1 38 36	..	..	..	
	M	1 51 48	14	..	100	
	eP	2 55 30	..	..	..	
„ 28th	AN eP	1 33 18	..	..	..	
	S	1 38 54	..	..	..	
	L	1 45 24	22	..	..	
	M	1 51 0	..	125	..	
	F	2 24 30	..	..	..	
„ 31st	AN e	11 0 12	..	..	..	
	F	11 22 30	..	..	..	Tremors.
June 1st	AE P	20 25 12	..	..	..	
	S	20 32 42	..	..	..	
	L	20 50 24	16	..	..	
	M	20 50 54	..	..	90	
	F	21 39 48	..	..	..	Distance about 3,500 miles.
„ 1st	AN—Lines congested. Instants of phases cannot be deciphered. Maximum amplitude 270 microns.					
„ 17th	AN & AE.—Timing cannot be determined on account of congestion of trace lines. Tremors at about 11 hrs. 45 minutes.					
„ 17th	AE e	17 6 54	..	..	..	
	F	17 8 0	..	..	..	Slight local shock, also recorded by AN.
„ 21st	AE P	12 27 24	..	..	..	
	S	12 28 30	..	..	..	
	eL	12 29 42	..	..	..	
	M	12 29 54	..	..	About 100	Pendulum hitting against one stop.
	F	12 31 30	..	..	..	About 300 miles away.
„ 21st	AN P	12 27 42	..	..	..	
	S	12 28 48	..	..	..	
	eL	12 29 30	..	..	..	
	M	12 30 18	..	About 450	..	Pendulum hitting against one stop.
	F	12 34 6	..	..	..	About 300 miles away.

TABLE 23—*contd.*

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude. (μ) An.	Amplitude. (μ) Ae.	Remarks.
1923		h. m. s.				
June 22nd	AE P	6 49 24	..	..	..	
	S	6 53 18	..	..	..	
	eL	6 57 18	..	..	..	
	M	6 59 6	..	..	About 420	
	eF	Uncertain	..	..	..	Quake in Burma.
,, 22nd	AN P	6 49 42	..	..	..	
	S	6 53 24	..	..	..	
	eL	6 56 30	..	..	..	
	M	6 57 36	..	700	..	
	eF	8 20 18	..	..	..	Do.
July 1st	AE eP or S?	8 4 18	..	..	..	
	L	8 9 18	..	..	..	
	eF	Uncertain	..	..	..	
,, 1st	AN eP or S?	8 4 36	..	..	..	
	L	8 8 0	..	..	..	
	eF	8 28 36	..	..	..	
,, 2nd	AN P	2 41 20	..	..	..	
	S	?	..	..	..	
	L	2 57 18	..	..	..	
	F	Uncertain	..	..	..	
,, 2nd	AN P	2 46 0	..	..	..	
	S	?	..	..	..	
	L	2 54 48	..	..	..	
	F	3 27 36	..	..	..	
,, 9th	AE e	8 46 6	..	..	..	
	F	8 50 54	..	..	..	Tremors
,, 9th	AN e	8 46 12	..	..	..	
	F	8 48 18	..	..	..	Do.
,, 13th	AE P	11 22 0	..	..	..	
	S	11 32 42	..	..	..	
	L	11 40 6	30	..	..	
	M	11 42 36	..	..	150	
	F	12 59 36	..	..	..	Distant, moderate.
,, 13th	AN P	11 20 48	..	..	..	
	S	11 32 12	..	..	..	
	L	11 38 6	32	..	..	
	M	11 39 12	..	850	..	
	F	12 57 24	..	..	..	Distant, moderate.
,, 14th	AE.—Tremors at about 8 hrs. 20 mins. Time marking faulty. Lines congested.					
,, 16th	AE P	13 26 36	..	..	..	
	eL	13 30 24	..	..	..	
	eF	13 41 0	..	..	..	Slight shock.

Date.	Phase.	Time G.M.T.	Period (Sec.).	Amplitude. (μ) An.	Amplitude. (μ) Ae.	Remarks.
1923.		h. m. s.				
July 16th	AN P	13 28 12	..	..	..	
	eL	13 30 24	..	..	..	
	eF	13 44 0	..	..	..	Slight shock.
,, 21st	AE P	1 8 0	..	..	..	
	eL	1 9 48	..	..	..	
	F	1 17 18	..	..	..	Do.
,, 21st	AN P	1 8 24	..	..	..	
	eL	1 9 36	..	..	..	
	F	1 18 42	..	..	..	Do.
,, 22nd	AE eP	14 38 18	..	..	..	
	L	14 55 36	20	..	..	
	M'	14 58 24	..	..	70	AN.—No record.
	Fe	15 52 36	..	..	..	About 4,000 miles away.
,, 27th	AN.—Tremors between 19 hrs. 29 mins. and 19 hrs. 50 mins. AE.—No record.					
Aug. 10th	AN P	2 20 36?	..	..	..	
	eL	2 21 54?	..	..	..	AE machine not working.
	F	2 30 54?	..	..	..	Slight shock, about 200 miles away.
,, 10th	AN P	16 2 12	..	..	..	
	S	16 5 6	..	..	..	
	eL	16 8 12	..	..	..	AE machine not working.
	Fe	16 30 24	..	..	..	Distant, shock.
,, 11th	AN e	1 4 6	..	..	..	
	F	2 9 0	..	..	..	Tremors, AE machine not working.
,, 12th	AN.—Tremors between 6 hrs. 22 mins. and 6 hrs. 40 mins.					AE machine not working.
,, 12th	AN P	10 20 30	..	..	..	
	L	10 31 48	18	About 25	..	AE machine not working.
	Fe	10 58 12	..	..	..	No distinct maximum. Distance about 2,500 miles.
,, 31st	AE P	Uncertain	..	..	..	
	eL	2 20 54	..	..	..	
	F	2 34 42	..	..	..	
,, 31st	AN P	2 17 36	..	..	..	
	eL	2 20 30	..	..	..	
	F	2 34 6	..	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude. (μ) An.	Amplitude. (μ) Ae.	Remarks.
1923		h. m. s.				
Sep. 1st	AE P	3 7 36	..	..	..	
	S	3 15 6	..	..	..	
	L	3 23 48	..	..	..	
	M	?	..	..	>2000	Pendulum hitting against both stops 3 mins. after beginning of L.
	F	Uncertain	..	..	..	Violent Japanese earthquake. Big tremors at 8 hrs.
,, 1st	AN P	3 7 36	..	..	..	
	S	3 14 48	..	..	..	
	L	3 23 18	..	..	..	
	M	?	..	>1700	..	Pendulum hitting against both stops, 3 mins. after beginning of L.
	F	Uncertain	..	..	..	Violent Japanese earthquake. Big tremors at 8 hrs.
,, 2nd	AE P	2 55 54	..	..	..	
	S	3 3 24	..	..	..	
	L	3 13 18	26	..	..	
	M	3 15 12	..	..	1000	
	F	Uncertain	..	..	..	Violent Japanese earthquake.
,, 2nd	AN P	2 55 36	..	..	..	
	S	3 3 0	..	..	..	
	L	3 13 24	..	..	..	
	M	Uncertain	..	>1700	..	Pendulum hitting against both stops.
	F	Do.	..	..	..	Violent Japanese earthquake.
,, 2nd	AE P	9 36 6	..	..	..	
	eS	9 43 54	..	..	..	
	L	9 59 18	..	..	..	
	F	Uncertain	..	..	..	
,, 2nd	AN P	9 35 42	..	..	..	
	eS	9 43 18	..	..	..	
	L	9 59 12	..	..	..	
	F	10 33 24	..	..	..	
,, 9th	AE P	22 6 54	..	..	..	
	S	22 9 24	..	..	..	
	L	22 11 18	..	..	..	
	M	22 11 42	..	..	941	
	eF	23 15 42	..	..	..	

TABLE 23—*contd.*

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude. (μ) An.	Amplitude. (μ) Ae.	Remarks.
1923		h. m. s.				
Sep. 9th	AN P	22 6 54	..	..	..	
	S	22 9 18	..	..	..	
	L	22 11 12	..	..	..	
	M	22 11 42	..	924	..	
	eF	23 22 12	..	..	..	
„ 14th	AE P	8 17 18	..	..	..	
	S	..	..	..	..	
	eL	8 21 6	..	..	..	
	F	8 34 42	..	..	..	
„ 14th	AN P	8 17 24	..	..	..	
	S	8 19 0	..	..	..	
	L	8 21 6	13	..	..	
	F	8 36 6	..	..	..	
„ 14th	AE e	13 6 12	..	..	..	Tremors.
	F	13 18 6	..	..	..	
„ 14th	AN e	13 6 0	..	..	..	Do.
	F	13 17 36	..	..	..	
„ 17th	AE Instrument.—Lines congested.					
„ 17th	AN Pe	7 13 18	..	..	..	
	S	7 16 36	..	..	..	
	L	7 19 24	14?	..	..	
	M	7 19 48	..	..	..	
	F	Uncertain				
„ 21st	AE e	20 9 54	..	..	..	Tremors.
	F	20 21 6	..	..	..	
„ 21st	AN e	20 10 18	..	..	..	Do.
	F	20 20 30	..	..	..	
„ 22nd	AE P	20 51 42	..	..	..	
	S	20 55 6	..	..	..	
	L	20 58 6	24	..	..	Pen touching stop.
	M	20 59 0	..	About .. 1403		
	F	Uncertain				
„ 22nd	AN P	20 51 48	..	..	..	
	S	20 55 0	..	..	..	
	L	20 57 12	..	..	..	Do.
	M	..	..	Probably >1700..		
	F	21 55 42	..	..	..	
„ 24th	AE e	8 14 0	..	..	..	Very slight shock.
	F	8 20 6	..	..	..	
„ 24th	AN e	8 14 0	..	..	..	Do.
	F	8 18 18	..	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude. (μ) An.	Amplitude. (μ) Ae.	Remarks.
1923		h. m. s.				
Sep. 26th	AE P	8 40 0	..	..	..	
	eS	8 44 18	..	..	..	
	L	8 51 54	26	..	..	
	M	8 53 6	..	..	42	
	F	9 37 48	..	..	..	
„ 26th	AN P	8 40 0	..	..	..	
	eS	8 44 18	..	..	..	
	L	8 51 0	21	..	..	
	M	8 52 36	..	59	..	
	F	9 41 18	..	..	..	
„ 30th	AE P	1 41 30	..	..	..	Shock about 4,000 miles away.
	S	..	..	..	..	
	L	2 0 0	30	..	..	
	M	2 2 36	..	..	103	
	eF	2 56 6	..	..	..	
„ 30th	AN P	1 40 54	..	..	..	
	S	1 46 30	..	..	..	Do.
	L	1 59 30	26	..	..	
	M	2 6 12	...	97	..	
	eF	3 10 48	..	..	..	
„ 30th	AE e	23 11 18	..	..	..	Slight shock.
	F	23 21 54	..	..	..	
„ 30th	AN e	23 12 18	..	..	..	Do.
	F	23 24 48	..	..	..	
Oct. 1st	AE e	4 10 30	..	..	..	Pen bearing against stop. Slight shock.
	F	4 13 6	..	..	..	
„ 1st	AN e	4 11 6	..	..	..	Slight shock.
	F	4 16 27	..	..	..	
„ 1st	AE P	8 18 6	..	..	..	
	S	8 19 18	..	..	..	
	eL	8 20 12	10	..	..	
	M	8 20 24	..	..	312	
	F	9 0 42	..	..	..	
„ 1st	AN P	8 18 18	..	..	..	
	S	8 19 18	..	..	..	
	L	8 20 12	11	..	..	
	M	8 20 24	..	670	..	
	F	8 57 42	..	..	..	
„ 2nd	AE P	11 25 24	..	..		Pen bearing against stop. Slight shock.
„ 2nd	AN P	11 25 6	..	..	..	
	F	11 37 48	..	..	..	Slight shock.

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude. (μ) An. Ae.	Remarks.
1923		h. m. s.			
Oct. 7th	AE P	3 39 36	..	..	
	S	3 47 54	..	..	
	M	4 6 54	..	.. 450	
„ 7th	AN P	3 39 42	..	..	
	S	3 47 36	..	..	
	M	4 6 6	..	330 ..	
„ 10th	AE	Instrument.—Lines congested.			
„ 10th	AN P	7 21 30	..	..	Slight distant shock.
	eS	7 29 42	..	..	
	eL	7 42 36	24	..	
	M	7 47 24	..	83 ..	
	F	8 15 48	..	..	
„ 15th	AE	Instrument.—Lines congested.			
„ 15th	AN e	7 47 18	..	..	Tremors.
	F	9 0 24	..	..	
„ 20th	AE P	3 23 24	..	..	
	S	3 27 0	..	..	
	L	3 30 18	10	..	
	M	3 31 18	..	.. 30	
	Fe	3 59 42	..	..	
„ 20th	AN P	3 23 30	..	..	
	S	3 27 12	..	..	
	L	3 29 48	..	..	
	M	3 30 18	..	..	
	Fe	3 54 30	..	..	
„ 21st	AE P	?	..	..	Feeble local shock, about 100 miles distant.
	L	23 28 30	..	..	
	Fe	?	..	..	
„ 21st	AN P	23 27 54	..	..	Do.
	L	23 28 30	..	..	
	Fe	23 39 0	..	..	
„ 27th	AE P	18 4 48	..	..	Magnified enormously beause weight was touching stop.
	L	18 5 12	..	..	
	F	18 7 24	..	..	Shock about 100 miles away.
„ 27th	AN P	18 4 30	..	..	Do.
	L	18 5 30	..	..	
	F	18 8 18	..	..	
„ 28th	AE e	9 32 24	..	..	Tremors.
	F	9 38 48	..	..	
„ 28th	AN e	9 32 42	..	..	Do.
	F	9 39 24	..	..	

TABLE 23—*contd.*

Date.	Phase.	Time. G. M. T.	Period (Sec.)	Amplitude. (μ) AN. AE.	Remarks.
		h. m. s.			
Nov. 2nd	AE P	21 20 30	..	.. ..	
	S	21 30 36	..	.. ..	
	L	21 49 42	31	.. ..	
	M	21 51 42	..	.. 103	
,, 3rd	eF	0 1 24	..	.. ..	
,, 2nd	AN P	21 20 24	..	.. ..	
	S	21 29 30	..	.. ..	
	L	?		.. ..	
	M	?	..	.. ..	
	eF	?	..	.. ..	
,, 3rd	AE	Instrument.—Not recorded, weight probably against stop.			
,, 3rd	AN P	16 33 48	..	.. ..	
	S	16 38 12	..	.. ..	
	L	16 43 42	27	.. ..	
	M	16 44 36	..	258 ..	
	Fe	17 14 30	..	. ..	
,, 4th	AE P	0 16 54	..	.. ..	
	eS	0 26 54	..	.. ..	
	eF	1 27 36	..	.. ..	
,, 4th	AN P	0 16 54	..	.. ..	
	eS	0 27 0	..	.. ..	
	eF	1 27 18	..	.. ..	
,, 5th	AE P	21 36 42	..	.. ..	
	S	21 46 48	..	.. ..	Period and amplitude unreliable as weight was hitting one stop.
	L	21 55 12	20	.. ..	
	M	21 58 54	..	.. 697	
	eF	22 54 30	..	.. ..	
,, 5th	AN P	21 36 30	..	.. ..	
	S	21 46 24	..	.. ..	
	L	21 52 24	30	.. ..	
	M	21 53 36	..	575 ..	
	eF	22 17 0	..	.. ..	
,, 6th	AE	Instrument.—Pen bearing against stop. Therefore spurious magnification.			
,, 6th	AN e	19 42 48	..	.. ..	Tremors.
	F	20 1 36	..	.. ..	
,, 15th	AN eP	15 14 24	..	.. ..	
	eS	15 14 54	..	.. ..	Very slight local shock.
,, 17th	AE e	3 26 0	..	.. ..	Very slight Tremors.
	f	3 48 18	..	.. ..	
,, 17th	AN e	3 30 48	..	.. ..	Do.
	f	3 47 48	..	.. ..	

Date.	Phase.	Time. G. M. T.	Period (Sec.)	Amplitude. (μ) AN. AE.	Remarks.
		h. m. s.			
Nov. 18th	AE	Instrument.—Not recorded.			
,, 18th	AN e	21 43 12	..	.. ..	Tremors.
	M	21 51 48	23	27 ..	
	eF	22 6 0	..	.. ..	
,, 21st	AE P	13 37 12	..	.. ..	Shock of slight intensity, about 200 miles away.
	e	13 37 36	..	.. ..	
,, 21st	AN P	13 37 0	..	.. ..	Do.
	f	13 51 42	..	.. ..	
,, 25th	AE	Instrument.—Not recorded.			
,, 25th	AN e	17 17 18	..	.. ..	Tremors.
	M	17 26 0	26	52 ..	
	eF	17 34 54	..	.. ..	
,, 26th	AE	Instrument.—Not recorded.			
,, 26th	AN e	12 49 48	..	.. ..	Tremors.
	M	12 53 24	18	29 ..	
	F	13 10 24	..	.. ..	
,, 28th	AE P	16 10 54	..	.. ..	
	eS	16 11 48	..	.. ..	
	F	16 16 24	..	.. ..	
,, 28th	AN P	16 10 36	..	.. ..	Pen touching one stop.
	eS	16 11 48	..	.. ..	
	F	16 20 54	..	.. ..	
,, 29th	AE P	3 39 54	..	.. ..	
	F	3 46 6	..	.. ..	
,, 29th	AN	Instrument.—Faulty record; pen touching stop.			
Dec. 1st.	AE	Instrument.—Not recorded.			
,, 1st	AN e	11 55 36	..	.. ..	Tremors.
	F	12 7 42	..	.. ..	
,, 3rd	AE e	21 17 36	..	.. ..	Pen touching stop.
,, 3rd	AN	Instrument.—Not recorded.			
,, 4th	AN e	22 41 48	..	.. ..	Very slight shock.
	F	22 46 12	..	.. ..	
,, 5th	AE Pe	22 45 0	..	.. ..	Slight distant shock.
	Se	22 52 18	25	.. ..	
	M	Uncertain.		.. 39	
	eF	23 35 0	..	.. ..	
,, 5th	AN	Instrument.—Not recorded.			
,, 14th	AE	Do.			

Date.	Phase.	Time. G. M. T.	Period (Sec.)	Amplitude. (μ) AN. AE.	Remarks.
		h. m. s.			
Dec. 14th	AN P	7 22 24	..	.. ..	Very slight shock.
	S	7 23 42	..	.. ..	
	L	7 24 12	..	.. ..	
	F	7 33 54	..	.. ..	
,, 15th	AE eP	14 44 48	..	.. ..	Pen touching stop.
	Se	14 46 18	..	.. ..	
	F?	14 49 30	..	.. ..	
,, 15th	AN eP	14 43 48	..	.. ..	Do.
	Se	14 44 42	..	.. ..	
	F?	14 49 30	..	.. ..	
,, 16th	AE P	11 50 12	..	.. ..	Slight shock.
	S	11 51 42	..	.. ..	
	L	11 53 12	12	.. ..	
	M	11 53 30	..	.. 31	
	F	12 3 0	..	.. ..	
,, 16th	AN P	11 49 54	..	.. ..	Do.
	S	11 51 6	..	.. ..	
	L	11 52 42	11	.. ..	
	M	11 53 54	..	22 ..	
	F	12 1 18	..	.. ..	
,, 20th	AE	Instrument.—Not recorded.			
,, 20th	AN e	15 17 36	..	.. ..	Faulty record; pen touching stop. Slight shock.
	F	15 21 0	..	.. ..	
,, 23rd	AE e	5 51 54	..	.. ..	Slight shock.
	f	5 59 54	..	.. ..	
,, 23rd	AN e	5 51 12	..	.. ..	Do.
	f	6 0 24	..	.. ..	
,, 28th	AE	Instrument.—Not recorded.			
,, 28th	AN e	15 50 48	..	.. ..	Faulty record, pen touching stop.
	f	15 52 36	..	.. ..	
,, 28th	AE e	22 29 24	..	.. ..	Do.
	f	22 32 42	..	.. ..	
,, 28th	AN e	22 28 12	..	.. ..	
	f	22 33 24	..	.. ..	
,, 29th	AE	Instrument.—Not recorded.			
,, 29th	AN e	3 23 54	..	.. ..	
	f	3 26 12	..	.. ..	
,, 29th	AE	Instrument.—Not recorded.			
,, 29th	AN e	4 24 24	..	.. ..	Faulty record; pen touching stops.
	f	4 25 6	..	.. ..	

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The following table contains a list of earthquakes that were reported by voluntary observers from various stations :—

TABLE 24.

Place at which felt.	Date.	G. M. T. of earthquake.		Duration.	Rossi-Forel Intensity scale.	No. of shocks.	REMARKS.
	1923	h.	m.	Sec.			
Nagar Parkar (Sind)	Jan. 4	7	30	2	..	1	
Do.	Feb. 6	19	30	3	4	1	
Srinagar (Kashmir)	,, 15	13	3	2	6	1	
Deesa	,, 26	5	32	2	3	1	
Gurez (Kashmir)	,, 26	22	30	55	6	5	
Drosh	,, 27	22	50	30	5	2	
Gurez (Kashmir)	,, 28	8	30	15	4	1	
Nagar Parkar (Sind)	Mar. 12	22	30	4	5	1	
Yatung (Tibet)	,, 23	19	37	6	4	2	
Srinagar (Kashmir)	,, 25	7	42	2	6	1	
Chittagong	,, 25	15	52	2	4	3	
Shillong	,, 26	2	32	¾	4	1	
Drosh	April 4	10	50	20	5	1	
Do.	,, 11	10	35	3	4	1	
Do.	,, 11	23	20	5	4	1	
Salonah (District Nowgong, Assam).	May 10	7	49	90	4	1	
Meshed (Persia)	,, 25	22	17	4 First shock.	9	20	500 houses collapsed and 40 people were killed in Turbat-i-Haidari. About 2,000 deaths have been reported from the 31st neighbouring villages.
Gulmarg (Kashmir)	,, 29	21	0	3	6	2	
Do.	June 2	18	0	2	6	1	
Do.	,, 9	7	5	4	6	3	
Drosh	,, 12	17	22	2	4	1	
Gurez (Kashmir)	,, 13	18	23	7	4	1	
Gulmarg (Kashmir)	,, 18	20	5	4	6	3	
Gurez (Kashmir)	,, 21	2	58	9	4	2	
Maymyo	,, 22	7	48	20	3	3	
Do.	,, 22	10	56	3	4	1	
Mandalay	,, 22	7	50	40	5	12	
Gauhati	,, 22	22	40	10	6	3	
Gulmarg (Kashmir)	,, 26	22	1	3	6	2	
Srinagar (Kashmir)	July 2	2	42	2	6	1	
Gurez (Kashmir)	,, 4	9	32	4	5	1	
Gulmarg (Kashmir)	,, 9	21	3	2	6	2	
Do.	,, 10	1	26	2	6	2	
Srinagar (Kashmir)	,, 13	11	15	2	5	1	
Gulmarg (Kashmir)	,, 14	14	10	2	6	1	
Borjuli (District Darrang, Assam).	,, 21	11	8	4	7	2	
Srinagar (Kashmir)	,, 22	14	40	1	5	1	
Akyab	,, 27	8	12	5	5	1	
Shillong	,, 27	1	19	¼	5	1	

Place at which felt.	Date.	G. M. T. of earthquake.		Duration.	Rossi-Forel Intensity scale.	No. of shocks.	REMARKS.
	1923	h.	m.	Sec.			
Cherrapunji	Aug. 1	7	30	3	4	1	
Yatung (Tibet)	,, 8	11	52	2	3	1	
Chittagong	,, 10	15	55	5	5	3	
Srinagar (Kashmir)	,, 10	15	57	2	5	1	
Akyab	,, 10	16	58	10	6	1	
Shillong	,, 10	16	2	1½	5	1	
Gulmarg (Kashmir)	,, 11	21	40	3	6	2	
Srinagar (Kashmir)	,, 12	10	18	3	5	1	
Shillong	,, 19	13	32	1	7	1	
Do.	,, 26	11	33	¾	3	1	
Gulmarg (Kashmir)	,, 30	22	1	2	6	2	
Srinagar (Kashmir)	Sept. 1	3	25	3	5	1	
Do.	,, 2	9	45	2	5	1	
Mymensingh	,, 9	22	15	30	8	2	Some damage has been done to the old buildings, one man killed and four have been injured.
Cherrapunji	,, 9	22	0	20	6	1	Damage was done in many places, but not so heavy.
Barisal	,, 9	22	3	10	6	3	
Gauhati	,, 9	22	7	45	8	2	
Chittagong	,, 9	22	10	30	6	3	
Nagrakata (Jalpaiguri Dist.).	,, 9	22	30	4 to 5	5	3	
Midnapore	,, 9	22	30	2	..	1	
Srimangal	,, 9	22	38	2 to 3	5	1	
Sibsagar	,, 9	21	56	60	6	2	
Yatung (Chumbi, Tibet)	,, 9	22	0	3	4	1	
Salonah (District Nowgong, Assam).	,, 9	21	48	90	5	15	
Borjuli (Assam)	,, 9	22	3	120	6	3	
Narayanganj	,, 9	..		60	7	1	
Shillong	,, 10	23	17	2	5	1	
Do.	,, 13	11	19	2	3	1	
Gulmarg (Kashmir)	,, 13	7	45	2	6	2	
Shillong	,, 13	21	1	3	4	1	
Do.	,, 14	22	52	1½	2	1	
Sibsagar	,, 22	9	31	10	3	1	
Kerman (Persia)	,, 22	21	11	120 First shock	9	7	Very many buildings cracked and some verandas fallen; shocks felt also in the neighbouring villages.
Shillong	,, 24	15	50	¾	2	1	
Do.	,, 24	21	32	1	2	1	
Do.	,, 24	20	12	3	4	1	
Gauhati	,, 24	20	14	18	6	1	
Gulmarg (Kashmir)	,, 25	20	0	2	6	2	
Do.	,, 25	23	31	2	6	2	
Gurez (Kashmir)	,, 28	21	15	9	5	3	

TABLE 24—*concld.*

Place at which felt.	Date.	G.M.T. of earthquake.	Duration.	Intensity Rossi-Forel scale.	No. of shocks.	REMARKS.
	1923	h. m.	Sec.			
Gulmarg (Kashmir)	Sept. 30	1 45	2	6	1	
Srinagar (Kashmir)	,, 30	1 35	2	5	1	
Drosh	Oct. 2	6 10	2	3	2	
Gopalpur	,, 5	15 15	2 to 3	4	1	
Salorah (District Nowgong, Assam).	,, 17	16 53	55	7	3*	*Mor than 3 were felt.
Shillong	,, 17	16 37	2½	4	1	
Srinagar (Kashmir)	,, 20	3 28	2	5	1	
Do.	,, 27	19 0	2	5	1	
Drosh	,, 28	9 35	25	8	2	
Srinagar (Kashmir)	,, 28	10 0	3	5	2	
Salonah (District Nowgong Assam).	,, 29	11 21	2 or 3	4	1†	†Followed by small vibrations.
Sibsagar	Nov. 4	17 33	80	6	1	
Shillong	,, 7	16 25	3	4	1	
Do.	,, 8	18 42	2	4	1	
Cherat	,, 28	16 20	40	6	2	
Srinagar (Kashmir)	,, 28	16 12	3	6	1	
Drosh	Nov. 28	16 20	20	8	2	
Gurez (Kashmir)	,, 28	20 40	119	7	2	
Drosh	,, 29	15 15	2	5	1	
Gurez (Kashmir)	Dec. 1	9 30	60	6	1	
Drosh	,, 7	19 44	14	4	1	
Srinagar (Kashmir)	,, 11	14 16	3	5	1	
Drosh	,, 26	0 16	3	5	1	
Nagar Parkar (Sind)	,, 26	20 30	3	5	1	
Dras (Kashmir)	,, 28	16 20	6	3	3	
Srinagar (Kashmir)	,, 28	15 52	2	6	1	
Do.	,, 29	3 27	2	5	1	
Drosh	,, 29	20 12	20	5	1	
	1922					
Skardu (Kashmir)	Dec. 17	1 5	15	2	2	
Kashgar	,, 17	1 11	3	5	1	

V. V. SOHONI,
Meteorologist.

Table A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 11 stations in India, etc., in 1923.

TABLE

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

Station.	Month.	Height of bar-cistern above sea-level in feet.	Pressure. (Reduced to 32° F and Standard gravity.) Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Temperature of Air. Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature wet bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.	Nocturnal radiation temperature. 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	30·042	29·903	·139	29·962	—·001	78·2	54·9	84·8	47·6	69·9	77·4	65·6	+0·4	53·4	59·5	61·8	58·3	46·6	8·1	+0·6
	February	..	29·941	·820	·121	·872	—·030	80·3	63·1	88·0	55·3	72·8	78·7	70·8	+0·5	61·3	65·5	66·2	64·4	57·3	5·1	—1·8
	March	..	·932	·792	·140	·856	+·055	90·7	67·9	97·0	57·5	82·3	89·1	78·4	—0·9	65·3	71·0	70·8	69·0	61·0	6·8	+0·8
	April	..	·709	·580	·129	·643	—·053	95·1	77·1	101·4	68·	88·1	92·6	85·4	+0·4	73·4	78·1	78·4	76·6	72·7	4·3	—0·2
	May	..	·637	·516	·121	·578	—·028	97·2	79·1	106·1	71·7	90·8	94·0	87·9	+2·2	74·7	80·5	80·1	78·4	75·2	3·8	+0·6
	June	..	·472	·371	·101	·428	—·066	95·0	80·5	107·8	74·6	88·6	91·3	87·4	+2·9	77·2	81·2	81·1	79·8	77·7	2·8	+0·6
	July	..	·484	·394	·090	·445	—·040	88·8	78·9	93·9	75·8	84·4	85·0	83·5	+0·5	77·5	80·1	80·3	79·3	76·4	2·4	+0·5
	August	..	·482	·388	·094	·437	—·099	87·2	78·6	95·7	76·6	83·6	84·1	82·6	+0·2	77·5	79·8	80·0	79·1	76·6	1·8	—0·2
	September	..	·716	·600	·116	·659	+·022	89·9	76·6	91·8	76·6	85·7	86·4	84·0	+1·4	77·4	80·8	80·2	79·4	75·4	3·3	+0·7
	October	..	·877	·769	·108	·819	+·034	87·4	73·7	90·9	67·7	83·4	84·3	80·1	+0·1	72·4	75·6	75·3	74·4	69·2	4·4	0
	November	..	·938	·820	·118	·875	—·034	83·0	65·4	88·6	53·5	77·4	80·	73·6	+1·2	63·2	68·4	68·3	66·6	59·5	5·8	—0·6
	December	..	30·043	·920	·123	·976	+·003	78·3	57·4	82·6	49·2	71·6	77·0	66·8	+1·5	56·1	62·8	63·2	60·7	50·5	6·7	—1·1
	Year	..	29·773	29·656	·117	29·713	—·020	87·6	71·1	107·8	47·6	81·5	85·1	78·8	+0·8	69·1	73·6	73·8	72·2	66·5	4·6	0
Lahore (Punjab).	January	702	29·379	29·281	·098	29·321	+·03	64·9	44·1	71·7	35·4	54·1	64·0	52·6	—0·4	42·4	49·6	55·0	49·0	34·6	8·6	—1·0
	February	..	·232	·154	·078	·184	—·062	66·9	49·0	75·8	42·3	58·	65·6	56·9	—0·4	46·4	52·9	56·2	51·8	41·4	6·7	—2·7
	March	..	·238	·149	·089	·188	+·056	83·0	57·0	100·5	49·4	72·5	82·1	69·3	+0·3	53·6	61·7	64·4	59·9	48·2	8·6	—0·4
	April	..	28·997	28·905	·092	28·945	—·055	96·2	66·3	108·6	56·3	86·0	95·0	80·9	0	58·8	67·2	68·7	64·9	56·1	10·1	+0·8
	May	..	·898	·817	·081	·852	—·018	100·0	73·0	110·8	66·5	91·4	99·4	86·2	—2·7	65·1	71·2	73·0	69·8	64·2	8·7	—0·4
	June	..	·726	·638	·088	·674	—·064	108·3	83·5	115·6	77·2	99·1	107·3	95·5	+2·5	71·2	76·9	78·1	75·4	76·1	7·4	+1·0
	July	..	·756	·658	·098	·703	—·030	96·8	80·7	110·0	75·3	90·0	95·3	87·8	—1·3	75·4	79·6	80·9	78·6	76·3	4·2	+0·1
	August	..	·811	·708	·103	·751	—·048	92·6	79·6	101·6	75·3	86·6	90·1	85·2	—1·9	77·0	80·5	81·6	79·7	76·5	3·1	—1·1
	September	..	·981	·882	·099	·924	—·013	98·3	73·5	101·7	66·3	88·8	97·7	84·9	+0·1	68·6	75·1	76·7	73·5	65·7	7·8	+1·2
	October	..	29·187	29·094	·093	29·130	+·016	90·4	61·2	99·6	51·5	79·1	89·5	74·4	—1·3	56·7	65·4	68·2	63·5	50·6	10·5	+0·6
	November	..	·282	·188	·094	·227	—·024	80·7	48·1	89·0	42·7	67·2	79·7	62·4	—0·8	45·6	56·2	61·1	54·3	36·7	11·2	+0·4
	December	..	·369	·285	·084	·317	—·003	69·8	43·4	74·1	35·6	57·5	68·6	54·4	—0·2	41·5	50·8	56·3	49·5	32·8	9·9	—0·2
	Year	..	29·071	28·980	·091	29·018	—·018	87·3	63·3	115·6	35·4	77·6	86·2	74·2	—0·5	58·5	65·6	68·3	64·2	54·9	8·1	—0·1

A.

at 11 stations in India, etc., in 1923.

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.	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
·392	·375	·344	·387	—·044	91	51	37	62	—8	0·9	2·0	1·4	—0·1	1	16	5	2	0	0	0	7	31	N 29° W	N 30° W	51	+6
·524	·537	·479	·539	+·054	90	67	51	72	+6	5·7	4·9	5·3	+3·1	1	3	5	10	6	6	8	10	7	S 31° W	N 73° W	71	+13
·597	·619	·515	·617	—·026	86	53	37	65	—2	1·7	1·7	1·7	—0·5	2	3	2	1	0	13	20	9	12	S 64° W	S 60° W	74	—12
·762	·829	·784	·82[illegible]	+·026	83	6[illegible]	53	71	+1	4·0	2·3	3·1	+0·5	2	0	0	2	2	20	3[illegible]	1	0	S 25° W	S 30° W	123	
·803	·901	·840	·857	—·026	81	63	53	60	—6	6·2	4·3	5·2	+0·9	0	1	1	3	12	17	25	1	2	S [illegible] W	S 9° W	130	+7
·889	·966	·925	·938	—·023	86	73	65	77	—6	8·1	7·5	7·8	+0·3	3	1	0	2	13	21	29	1	0	S 5[illegible] W	S 3[illegible] W	98	—6
·921	·968	·968	·952	—·019	93	83	81	87	0	8·9	9·3	9·1	+0·5	1	0	0	8	20	10	20	3	0	S 8° E	S 1° W	85	—3
·92[illegible]	·963	·966	·951	—·013	95	84	83	88	0	9·0	9·5	9·2	+0·5	7	1	5	7	16	9	14	1	2	S 21° E	S 2° E	75	—7
·921	·964	·947	·950	—·002	94	79	76	84	—2	7·4	7·7	7·5	—0·4	5	1	1	13	18	9	10	1	2	S 34° E	S 9° W	55	—16
·781	·785	·758	·795	—·021	93	69	65	79	—3	4·8	6·1	5·5	+0·9	9	2	11	8	6	7	3	2	14	N 44° E	N 18° W	42	—7
·560	·578	·528	·570	—·008	88	61	50	69	—5	4·5	4·7	4·6	+2·1	2	12	8	6	1	0	1	3	27	N 16° W	N 12° W	47	+3
·435	·454	·396	·441	+·003	92	59	43	67	—4	1·9	2·0	1·9	+0·1	3	16	6	4	1	0	1	1	30	N 19° W	N 13° W	50	+6
·709	·745	·704	·735	—·009	89	67	58	74	—3	5·3	5·2	5·2	+0·6	36	53	44	66	95	111	155	40	127	..	..	75	—1
·251	·298	·315	·292	+·023	86	71	54	73	+3	4·0	4·8	4·4	+0·7	19	3	3	1	7	1	0	0	28	N 31° W	N 30° W	30	0
·283	·327	·328	·320	+·033	82	67	53	75	+8	6·3	5·9	6·1	+2·2	14	2	8	1	10	1	3	0	17	N 3° W	N 30° W	51	+12
·372	·415	·375	·398	+·038	80	53	35	58	+4	3·2	3·4	3·3	—0·2	11	1	10	2	3	1	0	2	32	N 26° W	N 12° W	44	—7
·398	·416	·351	·405	+·010	63	36	24	43	+2	1·9	1·4	1·7	—1·2	6	6	5	1	3	4	4	2	29	N 42° W	N 15° W	51	—5
·516	·492	·455	·499	+·045	65	37	27	44	+8	1·6	1·7	1·6	—0·6	17	1	10	1	6	5	2	3	17	N 24° W	N 12° E	39	—17
·603	·624	·576	·619	—·008	53	34	25	38	—6	1·2	0·5	0·9	—2·0	14	1	12	1	6	3	5	2	16	N 17° W	N 18° E	48	—15
·807	·872	·858	·864	+·001	78	64	55	67	+2	4·8	3·8	4·3	0	26	3	8	4	16	1	2	1	1	S 76° E	S 78° E	36	—24
·895	·960	·965	·964	+·080	88	76	70	79	+8	6·7	6·8	6·7	+2·7	29	0	5	3	13	2	0	1	9	S 80° E	S 78° E	25	—24
·642	·687	·639	·667	—·051	77	51	36	57	—4	0·4	0·5	0·4	—1·5	18	1	4	0	7	1	8	6	15	N 79° W	N 46° E	25	—12
·405	·447	·406	·426	—·019	75	46	31	54	+2	1·3	1·5	1·4	+0·6	29	0	4	0	2	0	11	1	15	N 74° W	N 9° W	24	—4
·276	·309	·293	·289	—·027	81	47	29	56	—1	0·5	0·3	0·4	—1·1	43	0	1	0	0	0	0	2	14	N 44° W	N 42° W	12	—11
·240	·286	·291	·270	—·001	85	60	42	61	+1	2·0	2·0	2·0	—0·8	35	4	6	0	1	0	0	3	13	N 24° W	N 36° W	16	—7
·474	·511	·488	·501	+·010	76	58	40	59	+3	2·8	2·7	2·8	—0·1	261	22	76	14	74	19	35	23	2[illegible]6	..	..	3	—9

TABLE

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

Station.	Month.	Height of bar-cistern above sea-level in feet.	Pressure. (Reduced to 32° F. and standard gravity.) Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Temperature of Air. Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature wet bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.	Nocturnal radiation temperature. 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
Srinagar (Kashmir).	January	5,204	25·032	24·950	·082	24·932	+·023	40·7	28·5	52·2	17·9	34·1	38·8	32·7	+2·0	28·1	32·6	35·8	32·2	25·0	3·2	−4·3
	February	..	24·861	·798	·063	·825	−·080	45·1	33·9	52·3	29·5	39·1	43·6	37·7	+4·7	33·1	36·9	39·9	36·6	30·1	3·8	−4·0
	March	..	·982	·902	·080	·937	+·065	57·8	39·3	73·5	30·9	49·2	56·3	47·4	+2·3	38·1	45·2	50·2	44·5	33·1	6·1	−2·7
	April	..	·854	·768	·086	·806	−·046	71·2	46·0	82·9	38·9	62·1	69·3	57·5	+1·8	44·3	54·4	58·9	52·5	38·8	7·1	−2·2
	May	..	·791	·725	·066	·760	−·022	74·4	50·8	84·9	44·6	66·0	72·1	62·0	−1·9	49·0	57·6	63·6	56·7	43·9	6·8	−3·4
	June	..	·673	·593	·080	·635	−·029	84·2	59·1	90·3	50·2	75·6	81·3	70·6	+0·7	56·6	64·6	73·8	65·0	51·0	8·0	−2·1
	July	..	·630	·539	·091	·581	−·017	83·6	62·7	92·6	54·0	75·6	81·6	71·4	−1·6	60·4	67·2	70·6	66·1	56·7	6·2	−3·7
	August	..	·635	·542	·093	·586	−·050	84·0	66·1	90·7	59·6	77·2	82·3	72·5	+1·7	64·2	70·4	73·5	69·3	60·4	5·7	−3·7
	September	..	·808	·710	·098	·758	−·013	80·3	51·1	87·5	40·8	71·0	77·9	63·5	−0·5	49·6	61·5	66·0	59·0	43·7	7·4	−3·6
	October	..	·979	·902	·077	·939	+·036	65·2	40·7	79·7	32·8	55·7	61·6	51·4	−1·8	39·4	50·0	52·9	47·4	33·6	7·0	−3·7
	November	..	·998	·902	·096	·945	−·019	57·5	29·8	66·7	22·8	47·8	55·6	41·7	−2·3	29·0	42·5	47·0	39·5	22·9	6·8	−3·8
	December	..	25·054	·961	·093	·999	+·010	47·3	29·8	53·7	22·3	38·8	45·8	36·7	+0·4	29·1	36·2	40·2	35·2	25·2	4·2	−5·4
	Year	..	24·858	24·774	·084	24·813	−·012	65·9	44·8	92·6	17·9	57·7	63·9	53·8	+0·5	43·4	51·6	56·0	50·3	38·7	6·0	−3·5
Bombay (Bombay).	January	37	29·932	29·813	·119	29·877	−·017	84·5	69·0	89·2	65·3	75·6	80·0	76·0	+1·5	61·9	67·1	70·9	66·6	54·7	14·2	+4·7
	February	..	·902	·788	·114	·851	−·021	82·5	68·6	90·2	62·9	75·1	77·9	74·6	−0·2	62·2	65·7	68·7	65·5	61·8	6·7	−2·2
	March	..	·888	·758	·130	·831	+·015	88·2	75·0	96·1	71·1	81·5	84·4	80·0	+2·0	69·9	73·8	75·4	73·0	69·5	5·5	−2·5
	April	..	·767	·651	·116	·720	−·031	90·0	77·7	93·1	76·4	83·9	85·8	82·8	+0·7	72·4	75·7	76·3	74·8	73·1	4·6	−1·9
	May	..	·759	·663	·096	·722	+·009	90·9	80·6	93·2	78·6	85·8	87·4	84·6	0	74·5	77·7	78·3	76·9	77·7	2·9	−1·5
	June	..	·670	·594	·076	·645	+·033	90·4	81·7	94·3	76·4	86·0	87·1	84·8	+2·4	76·2	79·6	79·8	78·5	78·3	3·4	+0·3
	July	..	·595	·526	·069	·571	−·040	83·8	77·5	88·4	74·1	80·6	80·9	79·1	−0·4	74·2	77·9	77·9	76·7	74·1	3·3	+0·7
	August	..	·665	·592	·073	·638	−·030	84·3	77·5	86·6	75·6	80·8	81·1	79·8	+0·4	73·6	77·1	76·9	75·9	73·2	4·3	+1·3
	September	..	·753	·659	·094	·716	−·014	85·0	76·8	87·2	73·3	80·4	81·9	79·8	+0·4	72·7	76·6	76·7	75·3	72·3	4·5	+1·0
	October	..	·857	·752	·105	·813	+·027	89·3	77·1	93·3	74·4	82·4	84·4	81·9	+1·2	71·6	76·1	77·1	74·9	70·5	6·6	+0·3
	November	..	·888	·813	·075	·858	+·010	86·4	72·4	91·9	67·3	78·6	81·5	79·4	+0·1	66·3	71·2	73·2	70·2	64·0	8·4	−0·7
	December	..	·911	·797	·114	·861	−·031	86·0	71·2	89·6	65·1	77·6	81·2	77·8	+1·4	64·3	68·7	72·4	68·5	63·6	·5	−2·3
	Year	..	29·709	29·701	·008	29·759	−·007	86·8	75·4	96·1	62·9	80·7	82·8	80·1	+0·8	70·0	73·9	75·3	73·1	69·4	6·0	−0·2

A—*contd.*

at 11 stations in India, etc., in 1923.

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.	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
·153	·170	·178	·167	+·009	97	87	76	87	+3	8·1	7·5	7·8	+0·6	29	2	2	0	4	9	1	3	12	S 86° W	S 21° E	36	—18
·180	·194	·205	·189	+·015	92	81	72	82	—1	7·7	8·5	8·1	+1·5	17	7	2	1	4	2	4	3	16	N 44° W	S 9° W	42	—19
·220	·264	·302	·249	—·006	90	74	66	77	—4	5·3	6·8	6·1	+0·4	24	5	5	0	2	3	1	5	17	N 40° W	N 24° W	40	—44
·276	·339	·387	·313	—·017	88	62	55	68	—10	3·3	4·9	4·1	—0·9	25	4	5	0	1	4	5	3	13	N 53° W	N 18° W	40	—44
·331	·376	·495	·372	—·070	88	61	64	71	—7	3·4	6·5	4·9	+0·9	20	7	1	0	9	2	3	4	16	N 50° W	N 30° W	43	—32
·432	·481	·753	·597	—·028	87	54	70	70	—9	2·2	5·7	3·9	+0·3	28	8	3	0	4	2	3	7	5	N 50° W	N 9° E	43	—23
·502	·571	·619	·510	—·129	88	65	58	70	—11	4·6	4·8	4·7	+0·7	25	3	2	0	9	1	4	5	13	N 78° W	N 48° W	45	—24
·581	·662	·729	·669	—·004	91	71	66	76	—4	4·9	5·2	5·1	+1·3	29	3	3	1	14	3	1	3	5	N 49° E	N 48° W	46	—17
·346	·444	·503	·401	—·097	90	57	52	66	—14	1·0	2·4	1·7	—1·6	9	3	1	0	3	1	1	2	10	N 45° W	N 33° W	36	—22
·229	·299	·308	·233	—·069	89	69	57	71	—8	4·5	4·0	4·3	+1·6	30	5	3	1	4	1	1	5	12	N37° W	N 23° W	45	—8
·153	·215	·220	·180	—·053	91	64	48	68	—11	1·7	2·0	1·9	—1·1	28	4	2	1	5	1	0	5	14	N49° W	N 1° E	38	—7
·154	·183	·187	·168	—·008	92	78	61	77	—4	5·9	5·5	5·7	+0·6	29	3	5	1	3	4	7	3	7	N86° W	S 36° E	35	—10
·296	·350	·407	·325	—·038	90	69	62	74	—7	4·4	5·3	4·9	+0·4	323	54	34	5	62	33	31	48	140			41	—22
·461	·550	·630	·565	—·026	65	61	62	67	—5	1·5	1·1	1·3	+0·2	0	9	9	18	1	0	0	7	18	N 1° W	N 6° E	136	—38
·477	·507	·5·0	·544	—·075	68	59	60	66	—5	1·5	1·4	1·4	+0·2	0	9	3	11	3	1	1	6	22	N 17° W	N 1° W	158	—25
·662	·730	·760	·744	+·007	76	68	64	73	—2	0·9	1·3	1·1	—0·2	0	2	2	9	6	3	1	13	26	N 52° W	N 36° W	135	—56
·724	·776	·778	·784	—·057	77	67	68	72	—5	1·7	1·1	1·4	—0·2	0	1	2	4	2	3	2	11	35	N 55° W	N 60° W	159	—26
·772	·842	·847	·833	—·056	74	66	66	72	—4	3·0	2·3	2·7	+0·1	0	0	0	1	0	3	5	21	22	N 80° W	N 83° W	156	—21
·830	·920	·915	·904	—·034	77	74	71	76	—7	5·9	6·2	6·1	—1·0	6	0	0	0	1	7	10	40	2	S 74° W	S 63° W	199	—67
·798	·921	·917	·894	—·027	85	88	87	88	+1	9·7	9·6	9·6	+0·9	0	0	0	2	1	5	9	45	0	S 76° W	S 75° W	250	—90
·776	·880	·867	·849	—·036	82	84	82	84	—3	9·1	8·5	8·8	+0·4	0	0	0	0	0	0	20	42	0	S 76° W	S 81° W	236	—35
·749	·863	·849	·827	—·045	81	84	78	82	—4	7·9	6·4	7·9	+0·1	0	2	0	4	3	4	6	26	15	N 87° W	N 84° W	136	—53
·699	·814	·824	·792	—·060	75	74	69	74	—7	3·5	1·9	2·7	—0·4	0	4	7	15	6	1	0	8	21	N 4° E	N 9° E	120	—39
·564	·665	·704	·644	—·072	71	66	66	68	—5	1·9	1·6	1·7	0	0	5	6	18	2	0	0	3	26	N 5° E	N 18° E	124	—44
·514	·586	·680	·618	—·021	67	62	64	67	—5	1·8	1·5	1·6	—0·3	0	5	8	20	2	0	0	6	21	N 14° E	N 15° E	140	—30
·669	·755	·779	·750	—·042	75	71	69	74	—4	4·0	3·6	3·8	0	0	37	37	102	27	27	54	238	208			162	—44

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	28·645	28·531	·114	28·579	+·041	74·8	46·8	81·3	39·5	65·7	73·3	59·4	—0·5	42·9	51·4	54·8	49·7
	February	..	·508	·401	·107	·448	—·049	77·4	51·7	86·7	42·4	67·5	76·3	63·5	—0·7	46·7	54·1	56·2	52·4
	March	..	·535	·416	·119	·468	+·061	92·1	62·0	105·3	48·2	83·0	91·0	76·7	+1·8	52·1	60·3	62·3	58·2
	April	..	·343	·232	·111	·281	—·020	101·5	69·8	109·5	59·2	92·8	100·0	85·6	—0·7	55·5	64·0	64·8	61·4
	May	..	·260	·161	·099	·206	+·008	104·7	75·5	112·8	67·8	95·3	101·4	89·3	—2·3	62·5	69·3	69·5	67·1
	June	..	·121	·023	·098	·071	—·016	106·9	83·3	113·7	78·9	98·2	104·5	93·9	+3·3	69·7	73·7	73·6	72·3
	July	..	·082	27·984	·098	·032	—·037	94·3	78·2	108·7	72·1	87·5	90·1	85·0	+0·3	74·6	77·0	77·1	76·2
	August	..	·150	28·059	·091	·104	—·029	87·8	75·2	91·9	72·6	82·1	84·8	79·9	—2·4	74·1	76·3	77·3	75·9
	September	..	·318	·215	·103	·263	+·005	94·5	72·1	98·6	66·2	86·5	92·0	81·8	—0·6	68·8	73·3	73·4	71·8
	October	..	·495	·399	·096	·441	+·028	93·6	63·9	96·7	58·2	85·5	91·5	77·4	—0·5	56·5	64·5	64·7	61·9
	November	..	·565	·469	·096	·508	—·008	84·5	53·0	91·5	46·8	77·5	82·6	67·1	—1·8	46·8	57·9	59·2	54·6
	December	..	·631	·531	·100	·570	+·006	74·7	49·9	82·5	41·7	67·1	72·8	60·4	—1·1	47·0	55·3	57·7	53·3
	Year	..	28·388	28·285	·103	28·341	0	90·6	65·1	113·7	39·5	82·4	88·4	77·7	+0·6	58·1	64·8	65·9	62·9
Bangalore (Mysore).	January	3,021	26·971	26·863	·108	26·915	—·003	80·3	57·8	84·5	52·4	72·2	77·9	68·1	+0·6	56·1	60·8	61·9	59·6
	February	..	·937	·809	·128	·870	—·031	86·1	60·4	89·5	51·8	75·5	84·1	72·6	+0·6	56·8	62·8	62·8	60·8
	March	..	·965	·825	·140	·895	+·031	88·9	65·3	95·6	61·5	79·0	86·7	76·1	—0·6	61·6	66·1	65·0	64·2
	April	..	·843	·714	·129	·779	—·031	92·9	69·0	96·6	61·9	82·5	90·7	79·7	—0·2	64·3	70·1	69·0	67·8
	May	..	·831	·716	·115	·780	+·005	92·9	68·4	98·3	63·2	82·6	87·8	78·9	+0·4	64·1	69·2	67·9	67·1
	June	..	·796	·697	·099	·754	—·001	87·1	67·3	91·5	64·9	78·4	84·6	75·4	+1·4	65·5	70·0	70·3	68·6
	July	..	·777	·704	·073	·749	—·011	79·2	65·6	84·6	62·8	73·4	75·7	70·5	—1·5	64·6	67·8	68·8	67·1
	August	..	·821	·731	·090	·785	+·009	81·3	65·5	88·7	63·5	75·1	78·8	71·8	0	64·4	67·9	68·7	67·0
	September	..	·845	·730	·115	·796	—·010	81·8	65·4	90·5	61·9	74·3	79·3	71·8	0	64·3	68·4	69·5	67·4
	October	..	·918	·806	·112	·863	+·024	83·9	65·2	88·9	62·1	77·1	80·6	73·1	+1·3	63·4	68·6	68·9	[illegible]·7
	November	..	·932	·823	·109	·876	—·003	85·0	62·6	88·3	55·9	77·5	81·8	72·8	+3·2	59·7	64·7	64·4	62·9
	December	..	·964	·853	·111	·910	—·004	82·4	66·7	87·5	55·4	74·0	78·6	70·6	+3·1	58·5	63·0	6[illegible]·9	61·8
	Year	..	26·883	26·773	·111	·814	—·002	85·2	64·4	98·3	51·8	76·8	82·2	73·5	+0·7	61·9	66·6	66·7	65·1

A—*contd.*

at 11 stations in India, etc., in 1923.

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.	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
·235	·207	·201	·220	—·048	72	33	24	47	—9	2·5	3·3	2·9	—0·4	4	3	14	7	1	1	5	7	20	N 18° W	N	73	+15
·262	·257	·210	·250	—·012	68	39	23	47	0	3·8	4·3	4·0	+0·9	4	3	6	6	7	3	7	11	9	N 84° W	N 20° W	82	+16
·274	·248	·210	·248	—·057	50	22	14	32	—7	1·2	2·6	1·9	—1·2	1	2	7	7	5	3	9	14	14	N 75° W	N 46° W	77	—2
·268	·243	·176	·242	—·091	36	16	9	22	—8	1·0	1·7	1·3	—1·2	3	2	0	0	0	0	21	23	11	S 83° W	N 57° W	73	—15
·407	·396	·329	·384	—·064	47	24	18	31	—4	0·7	3·0	1·9	—0·4	2	0	0	0	0	6	26	23	5	S 65° W	N 72° W	98	—12
·563	·550	·443	·526	—·180	49	33	21	36	—16	1·9	4·0	2·9	—1·5	1	1	0	0	0	2	34	18	4	S 63° W	N 76° W	133	+14
·813	·799	·765	·801	—·033	85	63	58	71	—5	6·2	7·8	7·0	—0·4	9	4	8	2	3	2	13	16	5	W	N 78° W	77	—18
·832	·867	·845	·851	+·035	95	76	72	83	+5	8·9	8·5	8·7	+1·1	8	3	6	2	0	2	22	14	5	S 76° W	N 69° W	66	—16
·666	·658	·591	·686	—·006	84	53	40	64	—5	3·9	4·9	4·4	—0·1	5	4	13	4	0	1	12	13	8	N 55° W	N 42° W	58	—16
·370	·346	·280	·337	—·065	62	28	19	40	—6	1·2	3·2	2·2	+0·5	9	3	5	2	0	3	9	20	11	N 80° W	N 27° W	50	—4
·248	·239	·217	·236	—·061	61	25	19	48	—7	1·1	0·9	1·0	—0·5	15	5	4	3	0	3	6	10	14	N 60° W	N 24° W	36	—11
·291	·294	·296	·293	+·026	81	45	37	59	+6	1·7	1·9	1·8	—0·7	16	4	19	6	3	2	5	3	4	N 44° E	N 27° W	64	+13
·436	·423	·389	·423	—·042	66	38	30	48	—5	2·8	3·8	3·3	—0·4	77	34	82	39	19	28	169	172	110	..	..	74	—3
·432	·403	·373	·407	—·001	90	52	40	63	+1	3·7	3·4	3·6	..	0	0	11	48	3	0	0	0	0	N 84° E	N 88° E	122	+29
·424	·424	·326	·396	—·011	81	48	28	54	0	2·4	2·6	2·5	..	4	1	4	9	9	10	13	6	0	S 8° E	S 69° E	95	+
·507	·490	·367	·464	+·017	81	50	30	56	+6	2·6	3·8	3·2	..	4	3	2	28	11	4	7	3	0	S 67° E	S 36° E	109	+23
·543	·578	·439	·540	—·015	77	52	31	55	0	3·4	5·9	4·6	..	1	2	8	6	3	5	6	28	1	S 81° W	S 27° W	118	+34
·545	·546	·437	·523	—·082	79	50	36	57	—6	3·2	6·0	4·6	..	1	4	0	2	1	2	9	34	9	N 87° W	S 81° W	81	—29
·602	·625	·562	·604	—·019	90	65	48	70	—4	7·5	6·8	7·0	..	0	0	0	0	0	1	17	36	6	S 80° W	S 72° W	86	—77
·595	·605	·616	·605	—·002	94	74	71	81	+4	9·7	9·5	9·3	..	0	0	0	0	0	0	12	50	0	S 82° W	S 72° W	103	—65
·591	·592	·573	·590	—·023	95	69	60	76	—3	8·9	8·4	8·4	..	0	0	0	0	0	0	21	41	0	S 75° W	S 81° W	101	—44
·588	·619	·598	·614	—·009	94	74	61	79	—1	8·3	8·1	8·0	..	2	1	0	0	0	0	14	37	6	S 84° W	S 84° W	67	—56
·561	5·92	·527	·574	—·034	90	64	52	72	—6	6·6	6·5	5·8	..	2	5	12	19	3	1	2	8	10	N 39° E	N	49	—33
·480	·453	·389	·454	—·085	83	48	36	59	—16	3·7	4·9	3·1	..	4	8	13	13	8	1	0	7	6	N 49° E	N 60° E	47	—41
·463	·441	·413	·453	—·013	87	53	43	63	—7	5·8	6·2	5·0	..	0	0	18	32	11	0	0	1	0	N 85° E	N 72° E	66	—30
·528	·531	·468	·510	—·023	87	58	45	65	—3	5·5	6·0	5·4	..	18	24	68	157	40	24	101	251	38	..	..	87	—23

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.			
			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 minimum.	Mean of 10 hrs.	Mean of 16 hrs.	Mean of daily means.	Departure from normal.	Mean minimum.	Mean of 10 hrs.	Mean of 16 hrs.	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	29·703	29·591	·112	29·650	—·013	83·3	73·1	86·1	69·4	79·6	82·3	77·4	+0·3	69·9	73·3	75·1	72·8
	February	..	·712	·591	·121	·653	+·004	84·9	72·4	86·2	68·0	80·9	83·8	77·8	—0·8	69·3	72·6	74·9	72·3
	March	..	·720	·598	·122	·663	+·036	87·3	75·9	89·4	71·1	83·3	86·1	80·0	—0·3	73·0	75·5	77·4	75·3
	April	..	·605	·496	·109	·555	—·025	89·4	79·0	91·1	75·1	86·[illegible]	87·1	83·2	+1·3	75·1	77·7	78·6	77·1
	May	..	·617	·521	·096	·574	+·003	87·3	77·2	89·5	73·9	84·6	85·2	81·2	—0·1	74·3	76·9	77·8	76·3
	June	..	·624	·546	·078	·590	+·012	82·2	74·8	88·1	71·5	80·1	79·9	77·3	—1·1	73·3	76·8	76·9	75·6
	July	..	·638	·561	·077	·606	+·015	80·9	73·7	83·1	70·5	78·7	79·5	75·8	—1·4	72·1	75·6	75·9	74·5
	August	..	·674	·583	·091	·636	+·037	81·1	73·1	85·1	70·4	78·3	79·4	76·0	—1·6	71·7	75·0	75·3	74·0
	September	..	·659	·559	·100	·615	—·001	82·8	74·0	84·4	70·9	79·7	80·9	77·0	—1·0	72·7	75·6	76·3	74·9
	October	..	·674	·569	·105	·626	+·005	83·2	74·6	86·7	70·6	80·6	81·1	77·6	—0·1	73·0	75·9	76·2	75·0
	November	..	·692	·589	·103	·646	+·006	83·5	74·0	86·3	71·5	80·7	81·7	77·9	+0·2	71·7	75·1	75·9	74·2
	December	..	·675	·575	·100	·629	—·024	83·2	73·6	85·9	68·1	79·9	81·7	77·6	+0·2	70·5	74·3	75·8	73·5
	Year	..	29·666	29·565	·101	29·620	+·004	84·1	74·6	91·1	68·0	81·1	82·4	78·2	—0·4	72·2	75·4	76·3	74·6
Madras (Madras).	January	22	29·971	29·864	·107	29·915	—·011	81·7	68·8	83·6	63·7	78·7	79·5	74·5	—0·8	67·9	72·3	72·0	70·7
	February	..	·921	·794	·127	·856	—·040	85·4	69·7	87·6	63·0	82·0	82·6	76·6	0	69·2	73·5	73·5	72·0
	March	..	·933	·724	·199	·874	+·039	88·7	73·1	94·4	68·8	85·3	85·1	79·4	—0·1	72·2	75·9	75·8	74·7
	April	..	·755	·627	·128	·698	—·057	94·2	77·9	105·1	72·3	90·4	88·3	85·1	+1·0	76·3	79·0	78·9	78·1
	May	..	·699	·582	·117	·649	—·014	99·6	80·0	109·8	76·0	93·9	90·6	88·7	0	75·5	78·1	79·2	77·6
	June	..	·644	·525	·119	·594	—·035	102·7	82·2	110·3	76·8	94·5	93·5	91·3	+2·9	74·8	77·4	78·5	76·9
	July	..	·669	·544	·125	·618	—·030	98·9	79·8	104·2	74·2	90·1	92·5	87·8	+2·1	73·0	75·7	76·5	75·2
	August	..	·712	·578	·134	·654	—·022	98·4	78·7	101·3	74·5	89·2	89·5	87·5	+3·0	72·8	75·4	76·7	75·0
	September	..	·734	·616	·118	·684	—·023	94·2	76·9	100·6	71·4	87·1	87·4	84·5	+0·6	73·1	76·1	77·6	75·6
	October	..	·844	·735	·109	·795	+·020	89·5	75·0	98·3	71·4	84·6	83·2	80·9	+0·1	73·2	77·5	76·9	75·8
	November	..	·885	·778	·107	·834	—·022	86·0	72·5	92·0	66·2	82·1	82·1	78·4	+0·5	70·6	74·7	74·1	73·1
	December	..	·951	·854	·097	·902	—·008	83·3	71·3	86·7	67·0	79·9	79·5	76·5	+0·8	69·2	73·6	72·9	71·9
	Year	..	29·810	29·686	·124	29·756	—·017	91·9	75·5	110·3	63·0	86·5	86·1	82·6	+0·8	72·3	75·8	76·1	74·7

A—*contd.*

at 11 stations in India, etc., in 1923.

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 of 10 hrs.	Mean of 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean of 10 hrs.	Mean of 16 hrs.	Mean of daily means.	Departure from normal.	Mean of 10 hrs.	Mean of 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 direction.	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
·691	·735	·773	·733	+·067	85	72	70	80	+6	5·2	5·6	5·4	+2·4	21	1	3	2	0	2	22	8	3	S 60° W	S 84° W	46	—24
·677	·692	·745	·705	+·020	85	66	64	75	+2	3·1	4·6	3·9	+1·3	6	2	1	2	2	3	14	18	8	S 79° W	S 81° W	79	—2
·773	·777	·824	·791	+·016	86	69	66	78	+2	5·4	6·3	5·8	+2·8	9	2	3	1	3	4	22	15	3	S 61° W	N 87° W	73	—23
·818	·831	·856	·835	+·007	82	66	67	75	—4	6·0	7·2	6·6	+1·8	1	19	0	1	0	0	2	29	17	N 64° W	N 69° W	103	0
·807	·814	·849	·823	—·020	85	69	70	78	—5	5·5	5·5	5·5	—0·6	1	4	0	0	0	0	7	37	13	N 81° W	N 63° W	123	—1
·798	·875	·885	·853	+·043	92	86	87	91	+5	9·1	9·2	9·1	+1·2	2	7	0	0	0	1	2	29	19	N 68° W	N 60° W	117	—6
·767	·841	·844	·817	+·022	92	86	84	90	+3	8·8	9·1	8·9	+0·7	0	2	0	0	0	0	3	35	22	S 41° W	N 60° W	128	—30
·758	·824	·821	·801	+·016	93	86	82	90	+4	8·3	8·6	8·5	+1·6	0	2	1	0	0	0	2	34	23	N 71° W	N 60° W	134	—25
·786	·848	·844	·826	+·045	94	84	80	89	+5	8·6	8·3	8·5	+2·0	0	7	0	0	1	0	5	24	23	N 66° W	N 63° W	118	—24
·785	·828	·836	·817	+·031	92	80	79	87	+2	8·1	8·2	8·2	+1·3	4	4	0	2	4	3	9	21	15	N 86° W	N 69° W	107	+19
·745	·790	·814	·783	+·002	89	76	76	83	—1	6·2	7·6	6·9	+1·2	1	8	1	3	0	1	17	15	14	N 80° W	N 81° W	95	+34
·705	·773	·810	·763	+·055	86	76	75	83	+5	7·8	8·4	8·1	+3·8	6	7	3	3	2	7	18	13	3	S 65° W	N 81° W	69	+4
·759	·802	·825	·796	+·026	89	76	75	83	+2	6·8	7·4	7·1	+1·6	51	56	12	14	12	21	123	278	163	..	..	99	—7
·673	·706	·688	·707	+·022	95	72	68	81	+2	5·7	5·4	5·5	+1·4	0	47	15	0	0	0	0	0	0	N 11° E	N 51° E	106	+6
·709	·708	·702	·729	+·014	98	65	63	78	0	4·1	1·0	2·6	—0·6	0	3	7	4	9	20	0	1	0	S 37° E*	S 84° E	60*	—28
·779	·767	·765	·795	—·007	95	63	64	79	0	4·0	1·7	2·8	+0·6	2	0	6	26	25	3	0	0	0	S 66° E	S 44° E	66	—43
·886	·838	·861	·884	—·016	93	59	65	75	—3	3·2	2·6	2·9	—0·6	0	0	0	0	7	49	4	0	0	S 2° E	S 36° E	123	—10
·824	·747	·842	·818	—·078	81	47	59	64	—6	3·2	2·6	2·9	—0·8	0	1	1	2	4	36	13	4	1	S 10° W	S 9° E	141	—18
·763	·708	·772	·765	—·068	70	44	50	57	—9	3·9	5·7	4·8	—1·4	0	1	1	1	4	11	11	20	11	S 69° W	S 37° W	155	+1
·720	·691	·696	·717	—·095	71	49	47	57	—11	7·7	9·3	8·5	+1·2	0	0	0	0	0	3	21	34	4	S 74° W	S 51° W	131	—8
·726	·695	·743	·732	—·104	74	51	55	61	—12	5·8	8·2	7·0	+0·1	0	0	0	3	3	8	13	26	9	S 70° W	S 36° W	127	+6
·768	·753	·811	·787	—·061	83	59	63	70	—7	5·9	7·7	6·8	+0·5	0	3	0	4	9	4	7	21	12	S 81° W	S 36° W	103	+3
·794	·839	·840	·839	—·017	92	71	75	81	—2	5·8	7·9	6·9	+0·9	0	10	10	10	8	8	7	8	1	S 85° E	N 54° E	85	+1
·720	·763	·737	·763	—·033	94	69	67	79	—5	5·4	5·4	5·4	—0·5	1	20	14	8	4	3	2	4	4	N 26° E	N 27° E	93	—21
·688	·744	·721	·736	+·007	90	73	72	80	—2	7·4	6·8	7·1	+1·6	0	25	36	1	0	0	0	0	0	N 23° E	N 24° E	143	+15
·755	·747	·765	·779	—·086	86	60	62	72	—4	5·2	5·4	5·3	+0·3	3	110	90	59	73	145	78	118	42	..	..	111	—3

* Mean of 22 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
Kodaikanal (Madras).	January	7,688	22·788	22·721	·067	22·755	..	63·7	47·7	70·2	40·9	60·1	59·1	54·4	..	42·0	52·0	53·4	48·6
	February	..	·781	·718	·063	·749	..	67·2	45·3	72·3	42·2	62·7	60·2	54·6	..	38·3	50·5	52·9	46·8
	March	..	·817	·752	·065	·785	..	67·2	48·4	73·2	44·4	63·7	59·5	56·1	..	44·5	54·8	55·1	51·2
	April	..	·761	·701	·060	·731	..	71·3	52·5	76·2	48·1	67·7	63·0	60·0	..	48·1	56·5	58·0	54·0
	May	..	·757	·702	·055	·729	..	71·2	54·2	76·2	50·6	67·5	65·0	61·3	..	47·7	55·4	57·1	53·5
	June	..	·721	·664	·057	·692	..	67·9	52·9	74·2	51·4	64·0	61·4	59·4	..	49·8	56·8	57·2	54·4
	July	..	·698	·645	·053	·671	..	63·5	51·8	67·1	49·5	59·3	58·1	56·1	..	49·5	55·5	54·9	53·2
	August	..	·730	·672	·058	·701	..	64·5	51·9	69·4	49·3	61·2	59·3	56·8	..	48·4	56·3	56·1	53·6
	September	..	·740	·672	·068	·706	..	65·6	52·1	69·4	48·7	62·4	59·9	57·4	..	49·1	56·5	56·7	53·8
	October	..	·786	·717	·069	·751	..	62·4	51·1	68·2	48·0	59·2	57·7	55·7	..	49·8	56·2	55·9	53·8
	November	..	·789	·725	·064	·757	..	63·9	49·1	69·7	45·7	60·3	58·1	55·2	..	44·9	52·8	54·1	50·4
	December	..	·788	·726	·062	·757	..	60·0	49·2	67·2	44·9	56·7	55·4	53·6	..	46·3	52·3	52·7	50·5
	Year	..	22·763	22·701	·062	22·732	..	65·7	50·6	76·3	40·9	62·1	59·7	56·7	..	46·5	54·6	55·3	52·0

A—*contd.*

at 11 stations in India, etc., in 1923.

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 of 10 hrs.	Mean of 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean of 10 hrs.	Mean of 16 hrs.	Mean of daily means.	Departure from normal.	Mean of 10 hrs.	Mean of 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 direction.	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
·220	·305	·349	·284	..	65	62	71	67	..	4·5	5·0	4·7	..	0	10	24	12	10	3	0	0	3	N 56° E	..	212	..
·163	·243	·328	·243	..	53	43	65	56	..	1·2	6·0	3·6	..	0	7	9	3	14	12	1	4	5	S 60° E	..	170	..
·255	·338	·390	·329	..	75	58	77	72	..	3·6	7·8	5·7	..	2	17	20	7	11	3	0	0	2	N 52° E	..	163	..
·298	·341	·431	·354	..	75	51	75	69	..	3·1	7·6	5·4	..	0	19	21	9	5	3	0	1	2	N 41° E	..	165	..
·270	·316	·387	·330	..	64	48	65	61	..	3·5	6·2	4·9	..	0	13	9	11	17	3	1	1	7	N 69° E	..	160	..
·315	·387	·426	·372	..	76	66	79	74	..	6·5	9·0	7·8	..	2	5	4	5	5	1	1	22	15	N 58° W	..	219	..
·330	·400	·399	·375	..	86	80	83	83	..	8·8	9·7	9·2	..	0	1	1	0	0	0	0	39	21	N 73° W	..	266	..
·335	·406	·417	·378	..	87	76	83	82	..	6·7	9·3	8·0	..	0	3	1	1	2	3	1	34	17	N 76° W	..	225	..
·320	·393	·428	·376	..	81	71	83	80	..	6·3	9·3	7·8	..	1	6	0	1	6	5	1	17	23	N 67° W	..	174	..
·348	·429	·428	·394	..	93	84	90	89	..	8·2	9·5	8·9	..	4	12	15	5	11	3	0	5	7	N 39° E	..	147	..
·262	·324	·379	·317	..	75	63	79	73	..	5·9	8·0	6·9	..	0	14	5	6	4	7	1	8	15	N 19° W	..	166	..
·289	·351	·373	·337	..	81	77	85	82	..	8·1	8·9	8·5	..	0	2	7	20	24	1	0	2	6	S 80° E	..	233	..
·284	·353	·395	·341	..	76	65	78	74	..	5·5	8·0	6·8	..	9	109	116	80	109	45	6	133	123	..	..	192	..

TABLE

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

Station.	Month.	Height of bar-cistern above sea-level in feet.	Pressure. (Reduced to 32° F and standard gravity.) Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressure.	Departure from normal.	Temperature of Air. Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature Wet Bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.	Vapour Tension in inches of. From minimum.	Mean 10 hrs.	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
Katmandu (Nepal).	January	4,388	25·710	25·612	·098	25·655	+·013	67·6	36·8	72·2	31·8	50·0	63·3	51·5	+1·9	34·8	45·6	51·9	43·8	·182	·258	·257
	February	..	·617	·544	·073	·577	—·026	65·1	41·6	71·6	33·8	53·4	62·3	53·2	+0·7	39·4	48·5	52·7	46·9	·218	·286	·290
	March	..	·658	·569	·089	·611	+·045	77·5	47·0	86·5	38·1	66·8	72·6	62·6	+1·8	(b) 44·4	56·8	59·0	53·4	(b) ·265	·354	·348
	April	..	·539	·477	·062	·505	+·001	83·6	56·3	89·2	49·6	75·5	78·4	70·6	+3·5	(c) 53·0	62·9	63·4	59·8	(c) ·364	·425	·410
	May	..	·508	·456	·052	·478	+·030	87·3	61·6	91·4	54·8	77·9	82·0	74·6	+3·8	58·8	65·8	(c) 66·7	63·8	·469	·494	(c) ·481
	June	..	·401	·340	·061	·366	+·008	85·1	67·9	91·6	64·1	77·8	80·6	75·7	+1·8	(j) 65·8	70·3	71·8	69·3	(j) ·609	·654	·675
	July	..	·393	·337	·056	·363	+·018	83·9	68·9	89·6	66·9	78·1	79·6	76·0	+0·9	?	71·7	72·9	?	?	·702	·730
	August	..	·406	·356	·050	·379	—·013	85·1	68·1	88·0	66·1	79·8	78·5	76·1	+1·6	(g) 66·0	72·3	72·2	70·2	(g) ·615	·705	·718
	September	..	·519	·455	·064	·484	+·006	82·5	65·4	88·0	60·6	75·8	77·3	73·5	+0·3	63·2	69·7	70·3	67·7	·555	·655	·661
	October	..	·658	·581	·077	·617	+·025	7[illegible]·0	55·4	83·6	47·7	67·6	74·5	67·2	+0·3	(d) 53·5	61·3	63·9	59·6	(d) ·392	·470	·471
	November	..	·698	·604	·094	·648	—·005	73·5	45·8	77·4	37·4	39·0	68·1	59·2	+1·4	48·7	54·3	57·4	51·8	·262	·367	·349
	December	..	·751	·646	·105	·695	+·030	67·1	37·2	73·2	30·2	49·0	63·0	51·3	—1·3	35·4	45·8	51·3	44·2	·187	·274	·245
	Year	..	25·571	25·498	·073	25·531	+·011	78·1	54·3	91·6	30·2	67·6	73·3	66·0	+1·4	50·7*	60·4	62·8	57·3	·374†	·470	·470
Seychelles (Indian Ocean).	January	15	29·891	29·801	·090	29·857	+·009	81·5	76·3	84·4	75·0	80·0	80·1	77·7	—0·8	68·9	76·0	75·8	73·6	·611	·844	·834
	February	..	·864	·779	·085	·830	—·022	82·9	78·2	85·3	75·9	81·4	82·0	79·4	+0·3	70·2	76·3	76·8	74·4	·630	·840	·856
	March	..	·896	·802	·094	·854	+·026	84·6	77·7	87·1	74·4	82·6	83·5	80·1	+1·2	69·9	76·9	77·1	74·6	·628	·848	·847
	April	..	·850	·754	·096	·805	—·024	85·7	79·4	88·0	77·2	84·0	84·5	81·2	+1·8	70·8	77·7	78·2	75·6	·640	·868	·878
	May	..	·853	·772	·081	·813	—·051	85·0	78·7	87·2	76·6	83·4	84·0	80·5	+1·0	70·5	77·6	77·8	75·[illegible]	·638	·870	·869
	June	..	·942	·863	·079	·904	+·034	81·6	77·3	84·3	73·3	80·1	81·1	78·4	+0·8	67·6	74·4	74·9	72·3	·548	·773	·783
	July	..	·937	·862	·075	·901	—·015	80·2	76·7	82·0	74·9	79·1	80·0	77·2	+0·8	66·8	73·5	74·0	71·4	·526	·754	·759
	August	..	·959	·871	·088	·918	+·022	80·1	77·0	81·3	74·6	79·6	79·8	77·0	+0·4	67·4	73·8	74·1	71·8	·541	·764	·768
	September	..	·934	·840	·094	·895	—·008	80·3	76·7	82·4	72·9	79·3	79·9	77·2	—0·5	67·7	74·4	74·5	72·2	·556	·789	·784
	October	..	·913	·820	·093	·877	—·001	81·8	77·3	84·7	74·6	80·5	80·8	78·1	+0·4	68·6	75·8	75·9	73·4	·586	·834	·829
	November	..	·914	·823	·091	·881	+·016	82·6	76·4	84·9	72·9	80·8	81·5	78·1	+0·5	68·5	75·4	75·5	73·1	·592	·809	·803
	December	..	·881	·793	·088	·847	—·012	82·9	78·1	85·7	75·4	81·4	82·1	79·4	+1·5	69·8	76·6	76·6	74·3	·621	·853	·869
	Year	..	29·903	29·815	·088	29·865	—·002	82·4	77·5	88·0	72·9	81·0	81·6	78·7	+0·5	68·9	75·7	75·9	73·5	·593	·821	·821

(b) Mean of 20 days. (c) Mean of 29 days. (d) Mean of 28 days. (g) Mean of 25 days. (j) Mean of 22 days. (t) Mean of 12 days. (u) Mean of 11 days.
* Mean of 11 months. † Mean of 10 months.

A—*concld.*

at 11 stations in India, etc., in 1923.

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 mean wind direction.	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
·240	—·023	83	71	44	70	—7	1·9	1·9	1·9	—1·5	27	6	0	10	0	1	1	13	4	N 41° W	N 78° W	18	+3	0·12	—0·87	0
·275	+·015	82	70	53	71	+2	4·9	4·7	4·8	+1·3	24	3	0	9	0	0	0	20	0	N 74° W	N 87° W	19	—2	1·79	+0·93	4
·320	+·019	(b) 84	53	44	60	—1	3·1	4·6	3·8	+0·5	24	0	0	14	0	1	0	23	0	S 84° W	N 82° W	(b) 21	—2	0·46	—0·63	3
·333	+·032	(c) 80	50	43	58	0	3·2	6·0	4·6	+0·6	21	1	0	9	0	1	0	28	0	W	N 87° W	(c) 23	—3	1·53	—0·41	6
·475	—·015	85	53	(c) 46	61	—7	4·4	6·6	5·2	0	5	0	0	30	0	0	0	27	0	E	S 89° W	24	—7	1·68	—2·33	7
·645	+·005	(f) 90	69	66	75	—1	6·7	7·7	7·2	+1·0	0	1	1	28	2	0	0	26	2	N 56° E	N 87° W	18	—5	11·06	+1·84	19
·720	+·027	?	73	73	73	—8	7·0	7·6	7·3	+0·5	0	0	1	30	0	0	0	29	2	N 9° E	S 63° W	13	—2	10·77	—4·14	19
·679	—·003	(g) 89	69	74	78	—4	5·9	7·6	6·8	—0·3	0	0	3	28	0	0	0	24	7	N 10° E	N 66° W	12	—1	9·70	—4·96	19
·626	—·007	88	74	71	80	—1	6·5	6·6	6·5	+0·2	1	0	2	25	1	0	0	27	4	N 38° W	N 87° W	9	—3	7·27	—0·08	11
·442	—·034	(d) 84	69	55	71	—4	4·9	5·2	5·1	+1·1	0	1	1	26	6	0	0	28	0	S 47° E	S 86° W	(n) 12	0	0·78	—1·51	1
·326	—·010	85	73	50	73	—2	3·7	3·6	3·7	+1·1	0	1	12	18	1	0	1	26	1	N 1° W	N 81° W	(t) 18	+8	0	—0·15	0
·240	—·028	84	79	43	72	—3	2·6	2·5	2·6	0	0	0	5	22	0	0	1	29	5	N 50° W	N 72° W	16	0	0·03	—0·28	0
·448	—·001	85*	67	55	70*	—3	4·6	5·3	5·0	+0·5	102	13	25	249	10	3	3	100	25	..	..	17*	—1	45·19	—12·59	89
·751	—·052	67	82	81	80	—4	6·9	8·2	7·5	+0·5	17	6	3	0	0	0	0	3	33	N 38° W	N 39° W	114	+7	19·60	+2·51	26
·798	—·044	65	78	78	77	—6	6·6	8·0	7·3	+0·8	8	17	4	0	0	0	0	2	25	N 24° W	N 21° W	122	+15	13·34	+0·74	14
·801	—·060	66	76	74	76	—7	4·4	5·9	5·1	—1·6	23	1	10	5	12	0	1	1	9	N 68° E	N 17° W	67	—19	12·15	+3·24	12
·820	—·043	63	74	74	73	—7	4·5	5·0	4·7	—0·4	11	3	3	3	10	3	2	1	24	N 34° W	N 8° E	99	+17	9·07	+1·72	13
·805	—·041	65	76	75	74	—6	5·8	6·9	6·4	+1·3	24	1	3	1	19	6	2	0	6	S 39° E	S 43° E	71	—49	8·15	+2·08	9
·717	—·064	59	75	74	71	—8	4·9	5·2	5·1	—2·0	4	0	0	0	46	9	1	0	0	S 37° E	S 27° E	191	+3	4·47	—0·33	7
·695	—·056	57	76	74	70	—8	4·8	6·0	5·4	—0·2	0	0	0	1	58	3	0	0	0	S 44° E	S 33° E	221	+10	0·48	—1·93	2
·699	—·048	58	77	75	71	—7	6·5	6·6	6·6	+0·2	2	0	0	0	50	8	2	0	0	S 37° E	S 35° E	284	+53	4·27	+1·71	11
·717	—·050	61	78	77	74	—6	5·7	5·8	5·8	+0·2	3	0	0	0	54	2	0	1	0	S 45° E	S 40° E	231	+21	6·84	+1·98	8
·763	—·031	62	80	79	76	—5	7·2	7·7	7·4	+1·2	11	0	0	2	40	6	1	0	2	S 40° E	S 39° E	149	+10	15·13	+10·35	16
·760	—·076	65	77	75	75	—8	5·6	5·7	5·7	—1·2	24	3	0	1	11	8	2	2	9	S 7° W	S 56° E	97	+4	9·07	—1·34	16
·796	—·036	65	80	77	76	—7	6·8	6·6	6·7	—0·1	8	4	1	2	0	0	0	3	44	N 41° W	N 44° W	116	+7	9·30	—5·14	13
·763	—·049	63	77	76	74	—7	5·8	6·5	6·1	—0·1	135	35	24	15	300	45	11	13	152	..	..	147	+7	112·87	+15·59	147

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Table B.—Abstract of observations taken at 8 hrs. at 213 stations in the year 1923.

ANNUAL TABLE B, FOR 1923.

Abstract of 8 hrs. observations.

Station and height of bar. Cistern above sea-level in feet.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Bay Islands.																				
Port Blair (53)	29·759	—·023	..	6·6	80·1	76·5	85·5	—1·6	92·4	76·5	—0·5	68·9	84	0	5·3	121·02	+4·60	143	+4·4	5·67
Lower Burma.																				
Victoria Point (147)	29·706	—·008	..	5·8	78·9	75·9	85·5	—0·4	96·1	75·0	+0·2	71·0	87	+4	6·2	181·09	+22 22	167	+15·5	4·11
Mergui (66)	29·790	—·007	..	3·7	76·8	74·2	86·0	—1·4	96·0	72·5	+0·6	62·0	88	+1	2·6	182·51	+21·27	153	—0·8	5·86
Tavoy (19)	29·833	—·017	..	1·7	76·5	74·0	87·1	—0·8	97·2	72·8	+1·1	56·9	89	+1	5·9	238·65	+23·91	150	+5·6	7·25
Moulmein (77)	29·779	—·005	..	2·9	77·5	74·0	87·6	—0·5	97·5	73·1	+0·6	60·1	84	—3	5·4	229·35	+39·73	152	+12·3	8·65
Rangoon (18)	29·825	—·005	..	8·6	77·0	73·9	89·0	—0·3	100·5	73·9	+0·9	62·6	86	—1	5·3	12 29	+21 26	139	+16·7	4·59
Bassein (27)	29·813	—·003	..	3·2	76·5	74·1	88·7	+0·5	99·9	72·3	—0·3	57·5	89	+1	5·4	134·20	+25·07	130	+5·2	6·94
Diamond Island (41)	29·775	—·022	..	7·7	80·3	76·4	84·7	—0·6	89·7	75·2	—0·5	68·6	83	+3	6·4	172·85	+54·95	120	+6·2	7·37
Toungoo (159)	29·676	—·009	..	1·8	75 2	71·7	89·3	—0·6	100·5	70·3	—0·1	53·5	84	—2	4·8	73·99	—8·97	112	—2·7	2·65
Kyaukpyu (18)	29·792	—·015	..	1·5	78·0	75·1	84·5	—0·1	95·9	73·1	+0·5	58·2	87	+2	5·5	206·98	+27·18	119	—11·2	8·45
Akyab (20)	29·785	—·022	..	2·9	75·3	72·3	84·9	—0·9	94·9	71·1	—0·6	54·3	86	—3	5·9	261·82	+53·45	126	+0·5	9·48
Upper Burma.																				
Minbu (*165*)	29·639	—·025	..	2·7	76·6	71·0	91·8	+0·4	107·5	70·3	—1·1	51·9	75	0	2·9	23·30	—12·08	48	—9·2	3·50
Yamethin (644)	29·174	—·009	..	..	74·8	70·5	89·9	—1·2	102·3	70·1	+0·3	53·4	80	+1	4·3	42·54	+ 4·52	72	+8·7	3·03
Mandalay (250)	29·572	—·010	..	3·5	79·1	72·3	92·9	+0·1	105·9	71·7	+0·4	55·5	72	—2	5·1	41·49	+8·33	60	+9·2	3·98
Monywa (*280*)	29·549	—·013	..	1·8	76·2	70·6	92·3	+1·7	106·5	71·7	+0·5	53·3	75	—2	5·5	29·66	—1·39	46	+1·9	2·43
Lashio (*2,820*)	27·044	—·010	..	1·5	65·5	62·9	81·1	—0·5	91·3	60·9	+0·4	41·2	87	+1	6·4	70·71	+8·84	109	+8·3	3·79
Bhamo (*361*	29·448	—·010	..	0·4	70·1	68·3	85·9	(?)	101·1	66·4	+1·5	42·8	91	+2	6·4	91·59	+19·58	108	+7·5	3·50
Myitkyina (463)	29·339	—·020	..	1·9	69·2	66·9	84·4	+0·3	98·8	65·6	+0·1	44·4	89	+2	6·1	87·98	+8·99	117	+11·5	4·14
Assam.																				
Dibrugarh (353)	29·470	—·015	..	0·5	69·6	67·6	81·9	+1·1	96·3	65·7	+0·5	44·1	90	—2	5·7	115 23	+6·81	123	—6·5	6·10
Sibsagar (338)	29·499	—·017	..	1·3	69·2	67·8	81·2	—0·1	94·9	66·2	+0·5	44·5	93	—1	8·3	107·51	+11·52	129	+0·5	4·02
Tezpur (258)	29·570	—·012	..	1·8	70·5	68·2	84·1	+0·9	97·7	67·9	+0·9	49·0	88	—1	5·4	57·18	—17·06	100	—5·1	2·21
Gauhati (196)	29·622	—·023	..	1·3	71·6	68·7	85·1	+0·6	100·8	66·6	+0·3	46·6	86	—2	6·2	58·07	—7·22	86	—6·8	5·15
Dhubri (115)	29·690	—·015	..	4·0	72·6	69·5	82·4	—0·4	98·4	68·7	+0·7	48·3	84	—3	5·5	85 29	—11·21	103	+8·7	3·42
Silchar (104)	29·736	—·003	..	1·6	72·1	69·7	86·5	+0·4	98·4	(a) 66·0	—0·6	46·9	88	+1	4·6	138·90	+14·22	138	+1·9	3·92
Bengal.																				
Cox's Bazar (36)	29·767	—·012	..	3·0	75·9	72·8	85·2	+0·2	96·7	70·0	+0·6	53·3	86	—1	4·1	147·36	+1·59	106	—4·5	6·25
Chittagong (87)	29·721	—·014	..	3·4	74·0	71·3	85·2	+0·3	94·1	69·3	0	50·7	87	+1	4·2	136·62	+34·19	102	+7·0	7·16
Narayangunj (26)	29·772	—·013	..	1·3	75·3	71·6	86·1	—0·1	96·8	70·6	+0·1	49·2	82	—3	5·1	62·44	—11·38	94	+0·7	3·68
Barisal (12)	29·780	—·009	..	2·4	75·5	72·6	85·9	+0·1	96·6	70·6	+0·3	46·5	86	+1	4·5	80·85	—1·46	96	—7·2	6·65
Jessore (30)	29·769	—·003	..	1·8	75·4	71·9	86·7	—0·6	102·9	69·9	+0·2	44·6	84	0	4·7	51·36	—15·67	75	—13·0	3·40
Calcutta (21)	29·761	—·014	..	3·2	75·1	71·5	87·6	+0·7	107·9	71·1	+0·4	47·5	83	0	5·4	56·50	—6·04	71	—14·2	3·42
Sagor Island (10)	29·771	—·010	..	10·3	77·6	73·4	84·5	—0·9	94·2	72·9	—0·5	46·6	81	—4	5·6	70·29	+0·88	71	—8·6	8·10
Burdwan (99)	29·679	—·017	..	1·6	74·8	70·7	88·8	0	110·2	70·4	0	45·4	80	+1	5·2	68·72	+10·09	73	—3·9	3·68
Berhampore (67)	29·725	—·006	..	2·1	75·8	71·1	88·7	+1·1	111·0	70·2	+0·6	44·2	78	—5	5·1	33·39	—23·72	60	—17·2	2·90

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

(*a*) Mean of 11 months.

ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of bar. Cistern above sea-level in feet.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Bengal—*contd.*																				
Mymensingh (63)	29·744	—·011	..	1·1	73·4	69·5	85·8	+1·0	98·1	69·4	+0·5	50·1	81	—6	5·7	68·69	—24·26	91	—14·4	5·86
Bogra (75)	29·739	+·006	..	1·3	73·8	70·9	87·4	+1·2	106·9	68·4	+0·3	47·3	86	+3	4·4	47·36	—23·61	61	—24·3	3·70
Dinajpur (123)	29·667	—·012	..	2·1	72·9	69·2	86·1	+0·1	103·8	67·8	+0·9	44·3	82	—1	3·9	49·48	—21·62	61	—18·5	4·70
Jalpaiguri (283)	29·537	+·005	..	1·2	70·9	68·8	84·7	+0·4	97·5	67·1	+0·9	47·4	90	+2	2·8	158·80	+36·48	107	+3·8	6·80
Orissa.																				
Balasore (50)	29·727	—·017	..	2·4	76·4	72·1	89·3	+0·7	112·6	70·5	0	45·5	80	—1	4·6	48·90	—13·83	76	—2·0	3·52
Hukitala (False Point) (29)	29·765	—·004	..	9·0	..	..	..	..	..	..	..	..	..	..	3·9	80·11	+16·58	101	+29·3	4·10
Cuttack (80)	29·706	—·011	..	1·8	76·5	72·7	90·6	—0·3	114·3	71·1	—1·4	46·2	83	+4	4·9	58·79	—0·48	73	—1·9	4·27
Sambalpur (486)	29·267	—·044	..	2·3	74·7	69·2	90·3	—0·2	114·8	70·1	+0·3	42·7	76	+5	2·2	55·79	—9·94	58	—15·9	5·16
Chota-Nagpur.																				
Chaibasa (*733*)	29·018	—·025	..	2·3	73·6	68·4	90·1	+0·5	114·0	68·8	+0·8	41·8	77	0	3·9	56·98	+5·19	78	+3·6	6·24
Ranchi (2,133)	27·654	+·002	..	3·0	71·1	63·7	84·4	+0·2	107·9	65·7	+0·2	42·1	67	+1	3·7	82·93	+25·72	84	+3·8	5·35
Bihar.																				
Purnea (124)	29·663	—·017	..	2·1	71·9	68·4	87·2	+0·7	105·3	65·7	—0·6	39·6	83	—2	3·1	44·09	—18·19	58	—12·8	3·65
Darbhanga (165)	29·625	—·004	..	2·5	73·4	68·7	86·8	+0·8	104·4	66·8	—1·0	41·9	78	—2	3·5	39·83	—10·44	45	—14·0	3·95
Patna (183)	29·596	—·002	..	3·6	76·3	69·3	88·1	+0·8	109·7	69·7	+1·1	43·0	70	—2	3·0	32·09	—16·44	44	—12·0	2·14
Gaya (372)	29·413	0	..	1·6	78·9	68·7	90·5	+0·8	114·7	70·3	+1·4	43·4	59	—11	2·8	44·99	—2·49	57	—1·0	4·70
Naya Dumka (489)	29·273	—·025	..	1·5	76·1	69·5	88·9	+1·2	110·0	68·5	+0·7	42·4	71	—2	3·2	44·63	—12·46	70	—7·9	3·60
United Provinces, East.																				
Gorakhpur (257)	29·531	+·006	..	1·6	73·4	68·1	87·9	+0·2	113·3	67·2	+0·5	41·0	76	+1	1·4	46·34	—3·85	55	—1·6	4·60
Benares (267)	29·514	—·003	..	1·9	76·0	68·3	90·5	+1·0	114·0	67·3	+0·7	41·0	68	—3	3·0	42·35	+1·80	48	—4·7	6·53
Allahabad (309)	29·482	+·006	..	2·7	75·5	66·9	91·5	+1·4	115·8	67·6	+0·8	39·1	65	0	3·2	35·88	—3·18	46	—3·0	5·32
Cawnpore (416)	29·363	—·001	..	1·8	73·4	65·3	89·4	—0·5	114·5	67·7	+1·3	42·1	66	0	2·1	49·89	+13·97	50	+5·5	5·40
Lucknow (368)	29·403	—·010	..	1·0	74·1	66·3	91·1	+1·4	117·2	66·9	+1·2	39·8	67	—1	2·4	48·85	+10·28	47	—1·3	4·85
Bahraich (407)	29·365	—·002	..	2·1	73·4	67·6	88·3	+0·2	113·0	(a) 66·2	+0·5	39·2	75	+2	(a) 1·0	54·22	+8·92	51	+1·3	6·62
United Provinces, West.																				
Jhansi (824)	28·960	+·007	..	3·7	75·1	64·5	92·1	+0·9	117·4	67·6	—1·4	39·4	57	—1	2·9	31·65	—4·52	38	—8·6	4·86
Agra (556)	29·198	—·033	..	2·7	75·7	65·5	90·7	—0·4	115·7	68·3	+4·5	41·2	59	0	2·5	26·29	—0·61	34	—4·0	3·15
Mainpuri (516)	29·247	—·013	..	1·1	73·7	65·3	91·0	+0·9	116·6	66·1	+0·5	39·1	65	0	2·9	36·33	+9·26	34	—4·6	4·69
Bareilly (568)	29·177	—·026	..	2·2	71·6	65·1	85·8	—1·7	111·2	66·0	+1·3	40·0	72	—1	3·0	30·60	—13·07	37	—9·3	3·48
Roorkee (899)	28·859	—·016	..	1·5	68·6	62·5	85·7	—0·7	114·9	62·8	+0·6	37·1	74	+3	3·2	49·44	+7·46	51	+3·3	4·10
Punjab, East and North.																				
Delhi (718)	29·043	—·017	..	2·1	71·8	63·0	87·0	—1·6	111·8	67·6	+0·1	42·3	62	+3	2·9	31·20	+4·36	35	—1·0	5·54
Hissar (725)	29·037	—·015	..	4·3	70·1	61·1	90·2	—1·1	114·2	63·3	—0·8	34·4	62	+2	2·2	24·40	+9·93	32	+8·2	4·10

N. B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.

(a) Mean of 11 months.

ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of bar. Cistern above sea-level in feet.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Punjab, East and North —*contd.*																				
Ambala (892)	28·859	—·017	..	3·2	70·6	62·1	88·3	+0·4	118·3	64·0	+1·3	36·5	64	—6	2·8	31·84	+1·35	51	+8·6	1·85
Ludhiana (812)	28·944	—·015	..	1·9	69·0	61·4	88·3	+0·5	116·3	63·7	—0·3	37·2	67	+2	2·1	41·11	+12·40	43	+6·7	4·92
Lahore (702)	29·055	—·012	..	1·5	68·7	61·8	87·3	—2·5	115·6	63·0	+1·0	35·4	70	+3	2·9	19·14	—0·48	32	+3·9	2·94
Sialkot (830)	28·933	—·009	..	1·4	69·3	63·1	84·2	—2·9	111·7	61·0	—1·4	33·9	74	+6	2·7	41·09	+10·07	47	+6·5	6·82
Rawalpindi (1,674)	28·115	—·002	..	1·4	65·4	58·5	82·8	—1·3	113·9	58·4	+0·7	31·7	69	+4	1·7	37·51	+2·74	51	+2·8	2·60
Punjab, South-West.																				
Khushab (612)	29·176	+·005	..	4·1	71·6	62·1	88·8	—0·7	117·2	63·2	—0·5	32·2	59	+4	3·1	22·50	+7·61	27	+3·1	5·43
Lyallpur (605)	29·147	—·017	..	1·9	68·9	61·1	88·1	—0·6	116·4	61·8	+0·1	34·4	66	+1	4·5	23·35	+8·94	29	+5·9	6·13
Montgomery (558)	29·207	—·006	..	2·4	71·1	61·9	89·5	—1·6	115·8	63·7	—0·5	35·2	60	+7	2·6	10·86	+0·30	22	+3·9	1·78
Multan (426)	29·341	—·005	..	1·9	71·1	62·8	90·9	—0·8	116·1	66·9	+1·0	39·3	63	+3	2·5	5·90	—1·30	12	—0·8	1·39
Kashmir.																				
Srinagar (5,204)	24·851	—·004	..	2·1	52·2	(a) 50·3	65·8	—0·3	92·5	44·7	+0·5	17·9	(a) 77	—6	4·9	30·33	+4·46	52	—6·6	2·63
Gulmarg (b) (*8,569*)	21·773	0	..	2·9	59·1	54·4	67·0	—0·5	74·5	47·5	+0·3	34·3	76	+1	4·1	17·88	+0·76	36	+0·8	2·79
Dras (*10,059*)	20·771	0	..	4·0	30·8	..	46·9	—2·5	81·3	22·7	+1·7	—31·2	(d) 63	(d) +1	3·8	20·13	—1·39	69	+13·9	1·15
Leh (*11,503*)	19·674	+·001	..	1·3	35·6	..	51·9	—3·5	80·1	28·9	—0·7	—10·3	(e) 51	(e) +2	5·3	4·71	+1·53	12	+2·4	0·80
Skardu (*7,505*)	22·848	+·003	..	2·7	46·6	..	61·9	—0·7	98·5	38·6	—1·9	—9·7	(e) 53	(e) 0	4·3	6·69	—0·27	18	—0·4	0·60
Gilgit (4,890)	25·124	+·016	..	4·2	57·7	50·9	72·2	—0·8	105·0	51·0	—1·3	24·4	63	+11	5·1	7·23	+2·42	20	+4·8	1·54
North-West Frontier Province.																				
Peshawar (1,113)	28·683	—·011	..	0·7	65·5	59·1	84·8	—0·7	115·4	59·6	+0·3	29·8	70	+6	3·4	14·97	+1·46	35	+9·1	3·55
Dera Ismail Khan (590)	29·210	+·008	..	1·3	71·0	60·7	88·0	—1·7	116·0	63·9	+1·3	32·3	53	—12	2·5	13·18	+4·09	21	+4·7	3·10
Baluchistan.																				
Fort Sandeman (4,614)	25·351	+·014	..	1·3	58·1	(a) 51·1	78·7	—2·0	111·1	53·0	+0·2	22·6	(a) 53	—1	2·7	13·50	+2·21	25	—1·3	4·70
Quetta (5,502)	24·579	—·008	..	1·9	49·4	(c) 48·1	72·8	—0·9	99·3	43·6	—0·5	12·7	(c) 65	—5	2·2	7·71	—2·04	22	—2·2	1·60
Chaman (4,311)	25·611	—·021	..	5·0	59·1	(a) 48·1	76·6	—1·4	104·7	54·1	+0·3	22·2	(a) 38	—10	2·1	7·23	+0·03	20	+0·6	0·85
Kalat (6,630)	23,670	—·024	..	5·1	46·1	..	71·0	—1·9	96·4	39·0	+1·8	8·2	(f) 54	—1	1·7	5·00	—1·64	19	+0·9	0·45
Dalbandin (2,772)	27·049	+·005	..	4·3	61·2	(a) 51·7	86·3	—1·1	112·6	54·0	—0·2	19·3	(a) 43	—3	2·5	1·83	—2·00	6	—3·9	0·52
Pasni (10)	29·798	—·019	..	7·2	70·9	(c) 66·1	85·6	—1·1	105·3	(c) 71·8	(c) +3·9	39·8	77	—3	0·8	2·80	—4·22	6	—2·4	1·19
Panjgur (3,177)	26·672	+·010	..	5·0	59·7	(a) 55·9	84·2	—0·7	108·0	56·1	—0·6	26·1	(a) 68	+8	1·5	1·58	—3·76	5	—6·2	0·33
Sind.																				
Jacobabad (186)	29·596	+·008	..	2·6	74·4	62·7	91·9	—3·8	121·1	65·7	0	32·8	50	—8	1·2	4·73	+1·05	7	0·5	2·47
Hyderabad (96)	29·688	—·004	..	5·9	73·0	64·4	93·3	0	115·2	67·6	—0·6	40·8	60	0	1·5	5·24	—1·88	6	3·6	2·10
Karachi (13)	29·798	—·007	..	8·4	74·0	69·0	83·5	—0·7	96·8	70·1	—1·3	51·3	75	+2	3·8	5·57	—1·99	8	1·3	2·64
Rajputana, West.																				
Bikaner (*771*)	29·003	—·004	..	4·8	73·5	63·1	92·5	+0·4	116·0	66·8	—2·1	37·9	55	+2	2·0	11·56	—0·29	25	+5·5	1·12
Jodhpur (780)	29·013	—·005	..	3·7	73·7	61·9	92·3	—0·1	113·4	67·7	—0·1	43·5	49	+1	3·1	16·38	+2·76	19	+0·1	2·60

N. B.—Elevations in italics indicate barometrical determinations. (a) Mean of 11 months. (b) Mean of 4 months. (c) Mean of 10 months. (d) Mean of 5 months. (e) Mean of 7 months. (f) Mean of 9 months.

NOTE.—The barometric readings are not reduced to sea-level in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.

ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of bar. (istern above sea-level in feet.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Rajputana, East.																				
Jaipur (1,431)	28·371	—·001	..	3·1	73·9	61·7	90·6	—0·1	113·7	65·1	—0·6	39·5	49	—5	2·7	20·96	—3·25	35	—0·7	2·17
Ajmer (1,611)	28·168	—·032	..	2·8	66·7	58·7	88·1	—0·4	109·4	64·7	—0·5	39·2	62	0	1·4	13·30	—7·35	24	—6·0	1·95
Kotah (832)	28·942	—·020	..	1·1	76·9	64·2	91·9	—0·2	116·8	69·3	—0·7	41·6	50	0	2·0	45·50	+17·27	37	+1·2	5·41
Gujarat.																				
Deesa (466)	29·349	—·003	..	6·4	74·8	64·1	96·3	+2·1	115·5	67·1	+0·2	42·8	53	—4	3·0	7·00	—17·70	15	—13·7	0·81
Bhuj (334)	29·471	—·011	..	6·1	76·4	67·9	91·0	—0·1	112·0	64·7	—3·7	43·1	62	—5	2·4	6·88	—7·51	10	—6·3	1·70
Dwarka (37)	29·799	—·003	..	8·8	76·0	70·5	84·4	0	96·0	73·0	+0·1	55·6	75	—2	3·3	4·86	—8·66	8	—8·6	2·46
Rajkot (434)	29·374	—·017	..	8·0	74·5	66·5	94·0	+1·1	112·0	66·6	+0·5	44·5	63	—2	3·7	11·41	—14·88	21	—10·2	2·90
Veraval (*18*)	29·814	0	..	7·8	75·7	68·9	84·5	—0·3	101·6	71·9	+0·6	50·6	69	—2	3·2	7·92	—10·88	12	—13·3	1·78
Surat (39)	29·795	—·005	..	3·3	77·5	68·9	91·4	—0·1	107·7	70·9	+1·0	51·6	62	—8	4·0	27·37	—13·60	35	—11·7	3·20
Ahmedabad (163)	29·669	0	..	3·7	76·3	65·9	95·8	+1·2	114·2	70·9	+0·3	49·5	55	—4	2·6	14·14	—14·69	30	—5·0	1·78
Central India, West.																				
Neemuch (1,626)	28·169	—·025	..	4·2	73·9	63·1	88·7	—0·1	110·1	64·5	0	40·8	55	—3	2·8	29·53	+0·34	37	+0·8	2·26
Indore (1,823)	27·985	—·015	..	4·8	73·3	(*a*) 63·6	89·2	+1·0	111·1	64·3	+0·4	41·6	(*a*) 61	—1	3·1	33·57	+0·45	42	—3·8	3·80
Central India, East.																				
Nowgong (754)	29·025	—·007	..	1·9	73·3	64·1	90·2	+0·9	116·7	65·7	+0·1	35·1	61	—4	2·8	46·99	+4·16	48	0	7·40
Sutna (1,041)	28·724	—·012	..	1·4	73·2	63·8	88·2	+0·2	113·3	66·8	+0·9	37·3	62	0	2·9	48·94	+4·17	51	—3·9	6·80
Berar.																				
Akola (925)	28·886	—·005	..	4·5	76·1	64·4	94·3	+1·1	117·2	68·1	+0·7	43·0	52	—4	3·8	23·46	—7·89	36	—9·4	2·40
Amraoti (1,215)	28·583	—·013	..	4·4	76·7	64·6	92·5	+0·4	115·6	69·8	+0·3	50·5	51	—6	4·0	21·53	—11·52	44	—3·6	1·93
Central Provinces, West.																				
Khandwa (1,044)	28·756	—·015	..	5·1	74·7	64·6	92·6	+1·5	115·2	66·5	—0·6	41·4	57	—1	3·4	20·84	—8·79	35	—6·4	2·05
Hoshangabad (1,006)	28·804	—·003	..	1·7	73·3	63·5	90·7	+0·4	116·1	66·8	0	39·4	59	—5	3·5	55·10	+6·27	51	—4·3	5·65
Saugor (1,808)	27·972	—·016	..	4·5	72·1	61·6	88·9	+1·0	112·8	67·0	+0·5	44·8	53	—2	3·3	64·98	+20·03	55	—0·9	9·03
Jubbulpore (1,327)	28·435	—·026	..	1·8	72·2	62·9	88·5	+0·2	112·3	65·6	+1·0	37·7	62	—4	3·1	75·14	+20·03	64	+0·3	12·62
Seoni (2,033)	27·769	—·010	..	3·5	73·7	63·1	86·8	—0·8	110·8	65·5	+0·9	43·3	57	—4	3·6	49·72	—3·50	79	+8·8	3·08
Nagpur (1,017)	28·782	—·002	..	4·1	77·1	65·3	91·8	—0·2	116·0	69·1	+0·3	44·9	53	—6	3·4	45·77	—3·20	61	—1·8	2·81
Central Provinces, East.																				
Pendra (2,040)	(*a*) 27·746	—·016	..	3·3	74·4	64·9	86·1	+0·6	110·3	65·6	+0·5	41·6	62	+1	2·6	76·26	+26·20	82	+8·5	5·43
Raipur (970)	28·811	—·009	..	2·2	76·2	66·3	90·0	+0·2	114·5	70·1	+1·0	45·6	61	—3	3·4	54·43	+3·60	67	+3·7	5·04
Chanda (*634*)	29·157	—·019	..	2·5	77·5	68·2	92·6	—0·2	116·5	68·9	+0·3	42·2	63	—2	4·5	45·05	—6·85	58	—4·5	3·29
Jagdalpur (1,813)	27·993	—·007	..	2·4	73·3	68·1	88·3	+1·0	109·0	65·7	0	40·3	76	0	5·1	34·71	—15·86	73	—10·1	1·60

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

(*a*) Mean of 11 months.

ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of bar. Cistern above sea-level in feet.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Konkan.																				
Bombay (37)	29·798	—·012	..	6·7	77·8	72·9	86·8	+0·7	96·1	75·4	+0·3	62·9	78	0	4·4	77·56	+6·93	64	—8·5	12·00
Ratnagiri (207)	29·626	—·013	..	6·8	79·5	71·7	87·0	—0·2	98·9	(a) 73·7	+0·5	62·7	68	—4	3·7	92·83	—7·15	68	—24·7	6·65
Marmagao (*69*)	29·793	+·009	..	5·5	77·0	73·2	84·5	—1·3	92·9	74·4	—0·4	64·6	84	0	5·3	104·36	+9·41	85	—11·3	10·30
Karwar (44)	29·816	+·002	..	2·8	75·5	72·3	87·3	+1·2	94·9	72·7	0	59·8	86	+2	2·3	128·17	+8·05	85	—19·2	10·72
Bombay-Deccan.																				
Malegaon (1,430)	28·383	—·015	..	5·6	75·3	63·9	92·8	+0·6	109·5	65·3	0	42·0	52	—5	3·6	16·28	—5·95	22	—12·5	3·60
Ahmadnagar (2,154)	27·690	—·009	..	5·0	74·4	63·2	89·5	—0·1	110·0	64·1	+0·1	43·0	54	—6	3·6	19·39	—2·94	27	—9·1	2·63
Poon (1,846)	28·000	—·001	..	4·3	71·1	63·7	89·2	—0·3	105·7	63·7	—0·9	44·4	65	0	3·8	19·36	—7·75	35	—12·4	2·49
Sholapur (1,590)	28·240	—·004	..	(b) 7·9	76·2	65·2	93·4	+0·6	113·7	68·3	0	51·5	55	0	1·7	22·09	—6·36	35	—6·3	2·52
Bijapur (*1,948*)	27·890	—·005	..	5·8	74·7	65·8	90·3	—0·3	107·8	67·7	—0·1	48·3	62	—3	4·1	12·17	—8·73	22	—14·1	2·20
Belgaum (2,562)	27·313	—·001	..	4·1	70·0	64·2	84·8	+0·2	101·0	62·9	—0·2	51·4	73	+2	5·7	57·73	+7·60	84	+3·1	3·07
Hyderabad, North.																				
Aurangabad (1,905)	27·931	—·020	..	7·9	74·4	62·5	90·4	—0·2	110·8	66·7	+0·6	45·4	51	—4	4·3	22·45	—5·08	35	—8·6	3·14
Nizamabad (1,248)	28·557	—·011	..	2·5	76·9	66·3	92·5	+0·5	116·7	69·2	+0·6	44·3	58	—6	2·7	31·15	—8·92	52	—3·7	2·40
Hyderabad, South.																				
Gulbarga (1,503)	28·323	—·007	..	7·2	74·6	64·8	93·4	+0·6	112·6	68·0	—1·1	47·0	58	—5	3·2	28·86	—2·72	37	—11·3	2·45
Raichur (*1,311*)	28·519	+·004	..	(a) 6·6	77·5	69·1	93·4	+1·0	110·3	72·0	+0·2	57·2	65	+1	3·0	15·21	—12·79	27	—17·7	1·94
Hyderabad (1,719)	28·107	—·002	..	(a) 4·8	75·3	67·9	90·6	+0·2	109·8	69·4	—0·2	48·5	69	0	4·9	22·23	—10·04	37	—13·1	2·50
Hanamkonda (877)	28·928	—·010	..	3·5	78·3	70·0	91·8	0	113·0	72·4	+0·4	51·2	66	0	3·6	33·97	—0·45	56	+5·5	2·92
Mysore.																				
Chitaldrug (2,405)	27·457	—·002	..	4·9	72·5	66·2	87·3	+0·3	101·2	67·3	—0·2	55·8	71	+1	5·0	16·82	—8·08	38	—9·1	1·97
Bangalore (3,021)	26·877	—·009	..	6·9	70·2	65·2	85·2	+0·6	98·3	64·4	+0·1	51·8	76	—2	5·9	26·73	—8·64	53	—5·9	2·19
Mysore (2,518)	27·356	—·014	..	4·2	72·1	66·4	86·3	0	98·0	65·8	—0·1	54·4	74	—2	4·2	23·39	—8·01	48	—6·8	1·87
Malabar.																				
Mangalore (72)	29·787	—·009	..	4·8	80·2	74·3	88·5	+1·0	97·0	74·5	+0·4	66·6	75	—3	5·2	139·41	+13·73	103	—13·5	5·60
Calicut (27)	29·827	—·008	..	4·1	78·1	74·9	86·4	0	93·2	74·8	+0·3	65·9	85	+1	6·8	133·53	+16·37	106	—7·9	8·64
Cochin (9)	29·860	+·002	..	4·7	79·8	75·5	87·2	—0·1	94·1	75·2	+0·2	68·1	81	+1	5·3	131·86	+17·29	138	+8·5	4·67
Trivandrum (198)	29·665	+·005	..	4·0	77·7	74·4	84·0	—0·3	91·0	74·5	—0·6	68·0	86	+4	6·3	79·70	+15·19	106	+11·2	2·97
Madras, South East.																				
Pamban (37)	29·787	—·016	..	(a) 9·7	81·2	77·1	88·7	+1·0	96·2	77·7	+0·2	70·5	82	+2	4·3	36·71	—0·29	47	+0·5	3·35
Madura (463)	29·367	—·030	..	4·8	79·7	74·1	92·8	—0·9	104·3	75·0	+0·8	64·8	76	+5	6·7	21·38	—12·20	40	—9·1	2·05
Nagapatam (31)	29·807	—	—	7·7	81·2	74·4	89·9	—0·3	103·8	76·9	+0·7	66·6	72	—4	5·5	75·18	+20·20	58	+2·2	9·65

N B.—Elevations in italics indicate barometrical determinations. (*a*) Mean of 11 months. (*b*) Mean of 7 months.

NOTE.—The barometric readings are not reduced to sea-level in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.

ANNUAL TABLE B, FOR 1923—*concld.*

Abstract of 8 hrs. observations.

Station and height of bar, cistern above sea-level in feet.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Madras South East—*contd.*																				
Trichinopoly (255)	29·587	—·006	..	5·0	81·9	74·1	94·9	+0·6	106·7	75·1	+0·8	63·1	68	—4	4·7	26·86	—6·32	40	—6·9	2·38
Coimbatore (1,341)	28·500	—·012	..	4·1	76·8	71·8	89·4	—0·5	99·5	69·9	+0·2	59·3	78	—3	3·9	19·08	—3·21	51	+6·6	1·36
Salem (913)	29·008	—·009	..	6·1	76·8	71·4	92·9	—0·1	105·2	71·9	+0·7	58·8	76	—1	4·8	28·11	—11·19	49	—14·4	3·64
Cuddalore (37)	29·794	—·007	..	6·0	80·7	74·7	90·8	+0·3	106·8	75·9	+1·1	65·5	75	—5	5·3	61·43	+8·49	55	—1·4	8.06
Madras (22)	29·804	—·010	..	4·7	81·5	74·9	91·9	+0·8	110·4	75·5	+0·5	63·0	73	—4	5·0	37·33	—13·41	45	—12·3	4·68
Madras Deccan.																				
Cuddapah (428)	29·404	—·003	..	..	(a) 80·2	(a) 71·9	(a) 95·5	—0·1	111·8	(a) 74·4	—0·1	58·4	(a) 67	0	4·5	15·21	—16·02	30	—16·1	2·12
Bellary (1,475)	28·366	+·004	..	5·2	79·0	69·5	94·0	+0·7	108·3	70·9	0	55·1	62	+1	4·4	10·05	—10·46	24	—11·3	1·46
Kurnool (923)	28·901	—·005	..	4·8	76·7	68·5	94·2	+0·4	110·7	71·9	+0·7	53·3	65	—3	4·1	24·22	—1·79	42	—4·7	1·95
Madras Coast, North.																				
Nellore (66)	29·759	0	..	2·8	80·7	73·9	93·5	—0·2	109·8	75·5	+0·3	62·3	73	—3	5·2	37·12	—0·86	36	—8·0	5·73
Masulipatam (15)	29·800	—·014	..	..	80·3	74·2	90·9	+0·4	114·6	74·6	+0·1	60·2	75	—6	4·8	37·02	—4·57	51	—3·5	4·91
Coconada (26)	29·783	—·014	..	6·4	79·6	74·3	89·7	+0·4	116·7	75·2	+0·2	58·9	77	—1	6·1	52·44	+13·35	57	+3·1	10·88
Vizagapatam (38)	29·756	—·014	..	7·1	80·5	74·4	87·7	+0·7	112·0	76·0	+0·6	61·6	74	+1	6·4	49·56	+12·47	42	—8·9	10·65
Calingapatam (19)	29·771	—·017	..	6·7	78·6	74·0	89·4	+0·7	116·4	73·6	—0·2	54·6	79	—2	4·3	41·15	—3·06	41	—12·1	11·04
Gopalpur (56)	29·731	—·031	..	7·2	77·6	74·1	86·4	+0·3	98·3	73·1	—0·2	51·9	83	+2	3·8	60·86	+15·90	51	—5·2	11·09
Hill Stations, excluding Kashmir and Baluchistan.																				
Maymyo (3,546)	26·346	—·025	..	1·1	63·3	61·2	75·8	—0·8	85·8	57·8	+1·4	38·6	91	+5	3·1	74·87	+16·25	102	+11·2	5·41
Shillong (4,920)	25·075	+·003	..	2·3	61·2	56·4	70·4	+0·5	82·5	53·5	+0·1	32·9	74	0	4·8	61·14	—22·78	96	—27·6	3·87
Cherrapunji (4,309)	25·621	—·010	..	4·3	63·2	58·9	69·4	+0·7	87·7	59·0	+1·9	42·4	77	—4	4·5	379·88	—44·19	165	+5·8	23·30
Darjiling (7,432)	22·901	—·005	..	2·6	52·5	50·2	59·9	+0·6	72·6	48·7	+1·0	31·0	85	0	6·5	101·10	—21·57	109	—14·2	5·52
Mukteswar (7,592)	22·781	—·011	..	6·9	53·9	46·7	63·1	—0·5	82·6	50·1	+2·2	27·0	58	—3	4·0	48·39	—3·89	75	—6·3	3·24
Chakrata (6,922)	23·345	+·009	..	7·3	56·5	49·3	66·3	+2·0	89·7	50·5	+1·0	24·1	60	—4	4·1	56·76	—14·92	73	—15·5	3·67
Simla (7,232)	23·056	+·005	..	4·6	54·4	46·7	60·8	+0·1	81·5	50·2	+0·5	26·0	55	—2	4·3	62·63	—0·94	91	+ 3·8	3·01
Murree (6,181)	23·909	—·014	..	(a) 5·2	55·5	48·2	62·7	—2·0	87·4	(a) 52·6	+2·2	25·9	59	+3	4·3	72·55	+12·70	80	+2·9	5·46
Cherat (*4,256*)	25·641	—·006	..	7·4	60·2	52·4	70·8	—1·8	99·5	56·7	+0·2	30·2	60	+8	2·7	40·21	+12·70	49	+7·0	2·78
Parachinar (6,000)	24·394	+·003	..	1·0	55·0	(a) 49·9	68·8	—1·5	92·0	47·1	—0·8	20·5	(a) 61	+5	3·4	37·80	+8·28	63	—1·8	2·78
Drosh (4,500)	25·018	—·038	..	2·2	55·0	48·7	69·1	—3·6	100·9	51·3	—0·6	28·2	65	+7	3·8	20·05	+3·30	49	+9·0	2·13
Mount Abu (3,945)	25·972	—·006	..	5·2	68·0	56·4	76·1	+0·3	95·0	61·9	—0·1	43·9	50	—4	3·2	33·07	—28·69	39	—14·7	5·50
Pachmarhi (3,528)	26·365	—·014	..	3·5	67·8	59·8	81·0	+1·1	103·5	61·3	+0·3	35·1	67	+5	2·7	107·74	+31·22	79	+1·5	9·17
Mercara (3,781)	26·161	—·001	..	3·9	65·4	62·6	76·0	—0·3	89·5	60·6	—0·5	50·0	85	0	8·0	163·40	+37·94	122	—10·4	7·05
Ootacamund (b) (*7,327*)	23·014	—·006	..	3·3	59·4	50·5	70·0	+1·0	76·8	46·7	—1·0	35·2	55	—1	3·6	12·22	—0·40	29	+5·0	2·11
Kodaikanal (7,688)	22·750	—·017	..	8·0	56·8	51·5	65·7	+0·6	81·8	50·6	—0·4	40·9	72	+2	5·1	61·78	—0·40	101	—5·6	3·22
Ceylon.																				
Colombo (24)	29·826	—·013	..	3·5	75·9	73·7	86·6	—0·5	92·5	74·5	—0·7	65·6	90	+5	6·6	95·94	+11·78	151	+40·0	3·46

NOTE.—The barometric readings are not reduced to sea-level in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.
N.B. Elevations in italics indicate barometrical determinations.

(a) Mean of 11 months.
(b) Mean of 5 months.

MONTHLY AND ANNUAL TABLE B, FOR 1923.

Abstract of 8 hrs. observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Srimangal (Assam) (66).	January	(b) 29·967	—·065	..	..	(e) 52·5	(e) 51·5	81·9	+1·3	86·4	(f) 45·7	—2·1	36·3	(e) 93	+1	2·4	0	—0·49	0	—1·0	0
	February	29·889	—·009	..	..	(f) 58·6	(f) 57·3	81·4	—1·8	89·9	(f) 50·9	—0·8	40·6	(f) 92	+4	2·9	0·98	—0·57	3	+0·2	0·46
	March	29·890	+·055	..	..	( ) 67·7	62·7	93·8	+4·7	102·7	(d) 59·6	—1·3	41·1	(b) 76	—8	3·3	0·46	—3·79	1	—4·5	0·46
	April	29·726	—·022	..	..	75·1	71·9	92·3	+1·6	99·1	69·5	+1·0	63·7	85	0	4·6	12·83	+2·11	13	+1·4	3·06
	May	29·660	+·006	..	..	78·7	75·5	92·2	+1·0	95·9	72·8	+0·8	68·8	86	+1	5·3	10·12	—4·84	18	+3·9	1·67
	June	29·508	—·028	..	..	80·3	77·4	89·3	—0·9	96·1	74·7	—0·6	69·9	87	0	6·4	34·84	+17·79	19	—1·1	8·79
	July	29·526	—·011	..	..	80·6	77·5	90·9	+0·6	95·2	76·6	+0·4	75·5	87	—1	5·5	7·31	—9·16	17	—4·7	1·17
	August	29·520	—·057	..	..	79·7	77·8	91·3	+1·0	95·9	75·9	—0·1	74·8	92	+3	5·8	28·20	+14·96	25	+4·4	4·35
	September	29·711	+·047	..	..	79·9	77·5	90·5	—0·3	95·9	75·5	+0·5	72·7	89	+1	5·3	8·66	—3·18	12	—4·2	2·57
	October	29·841	+·058	..	..	74·5	72·1	88·2	—1·4	92·9	68·3	—1·8	61·4	88	0	6·3	3·79	—3·03	5	—3·4	2·39
	November	29·873	—·001	..	..	69·0	66·7	86·4	—0·2	90·9	61·0	+1·6	49·8	88	—2	4·8	0·64	—0·27	3	+1·9	0·39
	December	29·897	—·042	..	..	56·5	54·8	81·6	+0·7	85·7	49·6	+0·9	43·8	89	—3	0·4	0·01	—0·22	0	—0·6	0·01
	Year	29·751	—·001	..	..	71·1	68·6	88·3	+0·5	102·7	65·0	—0·1	36·3	88	0	4·4	107·84	+9·31	116	—7·7	8·79
Noakhali (Bengal) (43).	January	29·983	—·045	N 2 E	1	60·7	57·8	79·5	+1·6	84·8	55·4	+1·9	50·8	84	—4	1·5	0	—0·27	0	—0·6	0
	February	29·904	—·023	N 45 E	2·0	67·4	64·6	79·8	—1·0	84·8	62·2	+4·3	52·8	85	0	4·5	0·61	—0·52	2	+0·2	0·42
	March	29·909	+·060	N 88 E	2·1	73·3	68·2	89·2	+2·8	94·8	66·7	—1·0	53·8	76	—8	2·5	0·04	—2·61	0	—3·4	0·04
	April	29·734	—·036	S 43 E	5·0	81·0	76·7	89·5	+1·0	93·8	76·4	+2·7	66·8	82	+1	4·1	2·46	—3·94	2	—4·3	1·50
	May	29·655	—·026	S 31 E	5·7	82·9	78·9	89·3	+0·2	91·8	77·7	+1·8	69·2	83	+1	5·3	7·82	—3·58	9	—1·0	2·46
	June	29·508	—·056	S 40 E	5·6	82·4	79·9	88·2	+1·3	94·8	78·9	+1·6	73·8	90	+2	6·6	14·18	—7·31	15	—3·6	5·34
	July	29·526	—·020	S 42 E	6·9	80·0	78·3	85·7	—0·1	91·3	77·7	0	75·4	93	+3	7·4	28·72	+4·37	26	+3·4	5·92
	August	29·519	—·075	S 45 E	5·9	79·6	77·9	85·0	—0·6	89·4	77·5	+0·1	74·8	92	+2	7·2	31·51	+5·30	22	—1·4	5·42
	September	29·716	+·023	S 51 E	2·7	81·5	79·2	87·3	+0·7	91·8	78·9	+1·4	76·0	90	0	5·5	12·37	—4·26	17	+1·1	2·14
	October	29·852	+·035	N 61 E	1·2	76·9	74·2	85·7	—0·6	90·0	73·1	—0·8	67·4	88	0	3·7	4·12	—4·24	6	—1·6	1·54
	November	29·892	—·018	N 13 E	0·7	71·4	69·0	83·9	+0·9	89·4	67·2	+2·9	59·3	88	+1	3·1	1·68	—0·06	5	+3·2	0·76
	December	29·990	+·019	N 2 E	(b) 0·9	63·8	61·5	79·6	+1·6	82·8	58·6	+3·7	54·4	87	0	1·5	0·04	—0·24	0	—0·4	0·04
	Year	29·766	—·009	...	3·4	75·1	72·2	85·2	+0·6	94·8	70·9	+1·6	50·8	87	0	4·4	103·55	—17·36	104	—9·0	5·92

(b) Mean of 30 days. (d) Mean of 28 days. (e) Mean of 27 days. (f) Mean of 26 days.

MONTHLY AND ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of barometer cistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Midnapore (Bengal) (149).	January	29·890	—·041	N 6 W	1·5	62·5	54·0	80·8	0	86·4	54·8	—1·2	44·6	54	—17	1·5	0	—0·46	0	—0·9	0
	February	29·776	—·040	N 6 W	2·1	67·1	61·7	82·1	—3·4	92·4	62·8	+1·7	56·1	72	+4	6·6	6·08	+4·88	6	+4·2	1·94
	March	29·780	+·059	N 63 W	1·9	75·2	67·1	92·5	—2·2	101·8	(b) 68·5	—0·8	56·8	64	—3	3·3	0·18	—1·25	1	—1·5	0·13
	April	29·564	—·051	S 18 E	3·9	82·3	75·4	99·5	—1·1	105·8	76·7	+0·8	69·5	71	+1	4·8	1·65	—0·22	2	—1·5	1·20
	May	29·491	—·026	S 27 E	4·2	85·6	77·7	100·5	+1·0	111·7	79·1	+0·9	70·7	69	—5	5·3	3·46	—1·86	6	—1·3	1·98
	June	29·329	—·064	S 15 E	2·5	86·1	79·2	97·9	+4·5	111·5	80·6	+1·8	73·8	76	—6	9·5	8·12	—2·38	12	—1·0	1·83
	July	29·345	—·033	S 29 E	2·1	82·0	78·2	88·7	—1·4	94·4	78·7	—0·1	76·0	84	—1	8·8	10·65	—1·88	17	+1·1	1·53
	August	29·347	—·080	S 22 E	(j) 1·7	81·6	77·9	87·8	—1·6	92·4	78·6	+0·3	75·6	84	—3	9·5	13·16	+0·94	17	+0·6	2·21
	September	29·578	+·030	S 45 E	1·5	82·9	78·8	90·0	+0·3	92·5	78·2	+0·3	75·5	83	—3	7·1	6·05	—2·70	10	—2·2	1·47
	October	29·739	+·040	N 18 E	1·2	78·7	72·9	88·2	—1·2	91·2	72·7	—0·7	64·9	74	—6	5·0	0·50	—3·14	3	—2·4	0·15
	November	29·805	—·010	N 3 E	1·4	71·2	63·8	83·9	—0·7	86·7	64·3	+0·8	52·5	64	—7	5·0	0·40	—0·48	2	+0·9	0·27
	December	29·906	+·022	N 24 W	1·2	63·5	56·9	81·3	+1·6	85·6	57·1	+1·9	50·2	64	—4	3·0	0	—0·25	0	—0·3	0
	Year	29·629	—·016	..	2·1	76·5	70·3	89·4	—0·4	111·7	71·0	+0·5	44·6	72	—4	5·8	50·25	—8·80	76	—4·3	2·21
Khulna (Bengal)	January	30·009	..	N 15 E	2·1	60·2	56·1	78·0	..	84·0	55·4	..	49·0	76	..	0·9	0	..	0	.	0
	February	(e) 29·921	..	S 89 E	2·4	65·8	62·9	81·0	..	88·5	50·8	..	53·7	84	..	4·8	2·05	..	5	..	0·75
	March	29·935	..	N 76 W	2·9	73·6	68·3	90·8	..	95·8	65·7	..	53·2	75	..	3·5	0·33	..	1	..	0·33
	April	29·730	..	S 21 W	4·7	81·9	77·6	93·1	..	95·4	75·5	..	66·8	82	..	4·4	1·27	..	3	..	0·83
	May	29·654	..	S 14 W	4·9	84·4	79·4	93·2	..	97·5	76·4	..	69·7	79	..	5·3	7·28	..	11	..	3·55
	June	29·492	..	S 28 W	4·2	84·8	80·9	92·4	..	97·5	79·9	..	75·0	84	..	8·7	4·01	..	8	..	1·77
	July	29·509	..	S 3 W	3·5	82·1	78·8	87·9	..	91·8	78·5	..	75·2	86	..	8·1	15·68	..	15	..	5·90
	August	29·500	..	S 20 E	2·7	80·9	78·5	85·8	..	90·8	77·6	..	74·3	89	..	9·1	14·13	..	22	..	1·90
	September	29·725	..	S 8 E	0·7	83·5	79·7	90·1	..	93·4	78·5	..	76·0	84	..	6·5	3·18	..	8	..	0·68
	October	29·873	..	N 63 E	0·3	80·1	75·1	87·0	..	92·2	72·7	..	66·8	78	..	3·4	3·07	..	4	..	0·98
	November	[illegible]	..	N 36 E	0·3	72·9	66·9	83·5	..	87·2	65·1	..	53·1	75	..	3·4	0·27	..	1	..	0·15
	December	30·023	..	N 6 E	(b) 0·6	63·5	59·3	79·5	..	83·8	56·5	..	49·8	77	..	1·4	0·05	..	0	..	0·05
	Year	29·774	..	..	2·4	76·1	72·0	86·9	..	97·5	70·1	..	49·0	81	..	5·0	51·32	..	76	..	5·90

(b) Mean of 30 days. (e) Mean of 27 days. (j) Mean of 22 days.

MONTHLY AND ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Satkhira (Bengal)	January	30·038	..	N 21 E	0·5	59·4	55·9	(l) 80·6	..	85·0	(l) 52·2	..	47·5	79	..	1·2	0	..	0	..	0
	February	29·934	..	S 31 E	1·1	66·4	63·2	81·6	..	88·9	61·1	..	51·1	83	..	4·0	2·61	..	6	..	1·22
	March	29·939	..	S 45 W	1·6	74·5	69·3	91·5	..	97·5	65·6	..	52·8	76	..	1·7	0·34	..	2	..	0·19
	April	29·738	..	S 25 W	3·1	83·8	78·1	95·4	..	101·1	76·2	..	67·5	76	..	2·9	1·32	..	3	..	0·68
	May	29·661	..	S 34 W	3·3	86·2	79·7	96·5	..	104·0	77·6	..	71·3	74	..	3·6	1·91	..	4	..	0·76
	June	29·497	..	S 22 W	2·1	85·0	80·9	94·2	..	103·8	79·7	..	73·1	83	..	4·3	9·82	..	10	..	2·66
	July	29·517	..	S 4 E	1·8	83·0	79·7	88·7	..	94·8	78·3	..	75·7	86	..	4·4	16·75	..	21	..	3·37
	August	29·506	..	S 38 E	1·6	80·9	78·8	86·8	..	92·8	77·6	..	74·4	90	..	6·3	13·44	..	21	..	2·90
	September	29·733	..	S 29 E	0·9	84·3	80·3	90·9	..	94·1	78·5	..	77·0	83	..	2·6	2·54	..	7	..	0·95
	October	29·885	..	S 18 W	0·2	80·5	75·1	89·5	..	93·1	72·3	..	65·3	77	..	1·4	4·25	..	5	..	2·48
	November	29·940	..	W	0·1	71·4	66·6	85·5	..	90·5	64·0	..	55·2	77	..	2·2	0·21	..	1	..	0·14
	December	30·041	..	N 27 E	(b) 0·3	62·8	58·8	81·3	..	85·5	55·5	..	45·5	78	..	0·8	0·04	..	0	..	0·04
	Year	29·786	..	..	1·4	76·5	72·2	88·5	..	104·0	69·9	..	45·5	80	..	2·9	53·23	..	80	..	3·37
Asansol (Bengal)	January	29·610	—·131	..	..	59·0	52·6	79·0	+0·9	86·1	50·7	—3·2	42·1	63	—12	1·4	0	—0·50	0	—1·2	0
	February	29·501	—·136	..	..	63·6	59·3	79·8	—2·6	89·9	56·5	—1·0	50·3	77	+9	4·8	4·38	+3·48	6	+4·3	1·35
	March	29·504	—·029	..	..	74·2	65·6	93·2	—0·1	102·3	63·9	—2·7	52·1	61	+3	2·2	0	—1·20	0	—2·2	0
	April	29·262	—·139	..	..	82·7	(c) 75·3	102·9	+1·1	109·9	(h) 72·2	—2·8	67·1	(e) 71	+9	3·3	0·71	—0·66	1	—1·6	0·62
	May	29·210	—·119	..	..	85·0	76·5	104·1	+3·0	112·0	(l) 76·5	—1·3	70·9	67	—5	4·2	0·44	—3·60	1	—4·3	0·32
	June	29·046	—·162	..	..	86·0	78·9	101·4	+5·9	116·1	(u) 78·9	..	75·4	74	—9	6·5	5·55	—4·47	10	—2·5	2·35
	July	29·063	—·131	..	..	81·2	79·1	89·2	—1·0	95·0	77·8	—0·5	74·6	91	+2	9·0	19·53	+7·57	18	+2·0	5·02
	August	29·072	—·177	..	..	80·4	78·4	87·8	—1·5	92·4	77·1	—0·9	75·4	91	0	9·0	20·07	+8·73	20	+4·0	4·25
	September	29·296	—·063	..	..	82·2	79·2	91·9	+2·1	95·7	77·5	+0·2	75·6	87	—2	3·7	1·90	—6·43	6	—5·5	0·54
	October	29·456	—·071	..	..	76·0	72·6	88·6	—0·6	92·3	69·1	—2·8	60·9	84	+1	3·7	3·23	+0·51	3	—0·9	1·45
	November	29·526	—·121	..	..	67·3	62·1	83·2	—0·6	86·6	60·3	—0·9	50·4	73	—4	3·5	0·23	—0·32	1	+0·2	0·17
	December	29·622	—·089	..	..	60·6	56·0	79·3	+1·1	84·3	54·4	+0·9	45·8	73	—1	2·0	0	—0·10	0	—0·2	0
	Year	29·349	—·114	..	..	74·9	69·6	89·2	—0·2	116·1	(x) 66·9	(x) —1·4	42·1	76	—1	4·4	56·04	+3·01	66	—7·9	5·02

(b) Mean of 30 days. (c) Mean of 29 days. (h) Mean of 24 days. (l) Mean of 20 days. (u) Mean of 11 days. (x) Mean of 11 months.

MONTHLY AND ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Kalimpong (Bengal) (3,93).	January	26·067	..	N 67 W	7·4	52·1	48·2	62·7	..	66·3	47·8	..	38·0	75	..	2·4	0	..	0	..	0
	February	25·966	..	N 75 W	7·5	51·5	48·8	60·6	..	67·4	45·1	..	39·5	83	..	3·9	1·78	..	3	..	1·22
	March	26·037	..	N 68 W	8·4	59·7	53·1	71·[illegible]	..	82·1	51·7	..	40·5	65	..	1·1	0·39	..	1	..	0·25
	April	25·897	..	N 71 W	7·1	64·2	60·1	73·8	..	78·6	57·4	..	50·5	79	..	5·7	2·17	..	7	..	0·46
	May	25·859	..	N 80 W	6·5	67·0	64·1	73·7	..	78·6	62·8	..	58·9	86	..	5·7	2·89	..	8	..	0·77
	June	25·731	..	S 45 W	5·2	69·5	68·0	74·8	..	81·6	67·0	..	64·3	93	..	8·5	15·22	..	16	..	4·22
	July	25·747	..	S 63 E	5·2	69·3	68·5	75·7	..	79·6	67·4	..	66·1	96	..	9·1	24·72	..	27	..	2·77
	August	25·760	..	N 77 W	5·1	70·5	68·9	77·3	..	81·2	67·5	..	64·0	92	..	8·3	15·15	..	22	..	1·94
	September	25·911	..	S 45 W	5·6	68·9	67·5	73·9	..	81·6	66·2	..	62·1	93	..	7·4	11·38	..	14	..	1·91
	October	26·031	..	N 61 W	6·3	63·9	60·3	71·1	..	76·7	59·4	..	54·1	81	..	2·9	0·89	..	1	..	0·72
	November	26·059	..	N 69 W	5·7	60·1	56·2	68·0	..	71·5	54·8	..	49·6	79	..	2·0	0	..	0	..	0
	December	26·094	..	N 77 W	(b) 6·7	54·5	50·8	63·4	..	67·4	49·5	..	47·1	77	..	2·1	0·02	..	0	..	0·02
	Year	25·929	..	..	6·4	62·6	59·5	70·6	..	82·1	58·1	..	38·0	83	..	4·9	74·61	..	99	..	4·22
Puri (Orissa) (24).	January	30·021	—·041	N 21 E	4·9	65·1	62·3	79·4	—0·9	83·2	62·1	—1·4	54·4	85	+2	2·5	0	—0·30	0	—0·5	0
	February	29·914	—·027	N 82 W	10·2	73·7	70·1	81·9	—1·3	84·7	70·2	+1·1	63·9	83	+2	4·0	4·43	+3·57	8	+7·0	1·21
	March	29·933	+·074	S 59 W	9·1	77·8	72·9	86·1	—0·4	90·3	74·7	—0·6	65·9	78	—5	2·0	0	—0·55	0	—1·1	0
	April	29·730	—·038	S 26 W	10·8	82·1	79·1	87·7	—0·1	89·2	79·7	+1·1	75·0	87	+2	3·4	0	—0·68	0	—1·3	0
	May	29·648	—·012	S 18 W	14·1	85·4	81·1	90·8	+0·9	95·3	82·6	+1·8	78·7	82	—3	5·3	0·04	—2·79	0	—3·4	0·04
	June	29·505	—·032	S 34 W	14·1	84·5	80·5	89·6	+0·6	99·6	82·4	+1·8	75·6	84	—1	6·5	4·51	—2·80	6	—2·1	1·89
	July	29·500	—·027	S 29 W	13·9	83·0	79·4	87·3	—0·4	95·1	80·6	+0·8	76·0	85	—1	7·1	6·72	—3·31	8	—3·9	2·66
	August	29·531	—·039	S 36 W	10·7	82·0	78·9	85·8	—2·0	91·0	79·6	+0·1	76·8	87	+1	7·2	4·45	—7·86	13	0	0·78
	September	695	+·024	S 72 E	8·6	83·4	79·7	88·4	—0·5	92·0	80·6	+0·9	76·7	84	0	6·1	7·70	—1·13	13	+1·5	2·28
	October	29·868	+·045	N 9 E	5·3	80·5	76·6	87·5	—1·7	91·0	77·8	+0·7	67·2	83	+1	4·2	5·55	—1·29	4	—3·1	2·34
	November	29·922	—·017	N 14 E	5·8	73·6	70·1	82·5	—2·4	85·7	70·8	+1·6	62·1	83	+4	3·7	5·73	+2·01	7	+4·6	2·59
	December	30·038	+·025	N 16 E	(b) 6·3	67·0	63·8	80·2	—0·5	83·3	64·1	+2·0	59·1	84	+6	2·1	0·54	+0·24	1	+0·6	0·54
	Year	29·775	0	..	9·5	78·2	74·5	85·6	—0·7	99·6	75·4	+0·8	54·4	84	+1	4·5	39·67	—14·89	60	—1·7	2·66

(b) Mean of 30 days.

MONTHLY AND ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal	Temperature. Minimum. Lowest month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Angul (Orissa) (455).	January	29·545	—·080	N 58 W	3·2	61·6	56·5	82·2	+0·4	87·8	54·3	—1·3	44·4	71	—5	1·9	0	—0·46	0	—0·9	0
	February	29·436	—·057	N 45 W	4·4	68·7	64·5	85·8	—0·8	90·8	63·8	+2·5	53·4	78	+5	6·4	1·14	—0·26	2	—0·3	0·52
	March	29·454	+·031	N 33 W	3·9	75·5	67·2	94·8	—0·2	104·8	68·1	+0·5	60·4	63	—2	3·5	0·22	—0·77	1	—1·2	0·15
	April	29·241	—·082	N 81 E	4·8	82·2	75·4	103·6	+2·2	108·8	76·4	+2·0	68·8	72	+6	4·7	0·26	—1·04	1	—1·7	0·18
	May	29·163	—·048	S 65 E	6·3	85·9	77·1	104·7	+1·7	112·6	80·1	+1·7	74·4	67	—2	5·3	2·82	+0·84	4	—0·7	2·14
	June	29·025	—·066	N 37 W	6·1	87·1	77·9	102·0	+8·1	114·8	81·9	+3·9	73·4	66	—13	7·7	4·84	—4·01	7	—6·1	1·52
	July	29·024	—·064	N 69 W	4·3	81·1	77·5	88·5	0	94·2	77·5	+0·2	75·4	84	+1	8·7	11·15	+0·16	18	+3·6	2·13
	August	29·055	—·073	N 78 W	6·7	80·2	76·4	85·7	—1·6	90·4	76·7	—0·2	74·4	83	—2	8·5	4·42	—6·38	13	—1·5	1·00
	September	29·233	—·003	N 83 E	3·6	80·5	77·9	88·6	—0·2	91·4	76·9	+0·6	74·4	88	+3	7·9	4·34	—1·74	14	+3·5	0·72
	October	29·408	+·018	N 45 W	3·2	76·1	72·1	87·2	—1·8	89·8	70·7	—0·7	61·4	81	+1	6·4	3·29	—0·37	5	—0·3	1·61
	November	29·460	—·040	N 47 W	3·7	70·1	65·9	81·3	—2·8	86·8	63·6	+1·2	51·4	78	+2	4·9	1·52	+0·41	3	+1·8	0·85
	December	29·561	—·006	N 59 W	(b) 3·2	63·0	58·9	80·4	+0·8	84·3	55·3	+0·9	47·4	77	+2	3·1	0	—0·21	0	—0·5	0
	Year	29·300	—·035	..	4·5	76·0	70·6	90·4	+0·5	114·8	70·4	+0·9	44·4	76	0	5·7	34·00	—13·83	68	—4·3	2·14
Purulia (Chota-Nagpur) (816).	January	(c) 29·213	—·035	N 76 W	1·7	60·2	51·9	79·8	+1·1	88·5	53·5	—0·2	43·1	53	—17	1·6	0	—0·73	0	—1·6	0
	February	29·107	—·031	S 45 W	1·5	63·8	58·0	80·3	—2·5	91·5	59·6	+1·8	52·7	69	+5	5·2	5·35	+4·01	6	+3·6	1·75
	March	29·118	+·073	S 45 W	1·5	74·5	62·3	92·7	—0·5	103·3	66·5	+0·6	54·7	48	—6	2·4	0·02	—1·13	0	—2·3	0·02
	April	28·902	—·038	S 56 W	1·9	84·8	63·7	103·3	+1·6	107·9	75·9	+1·7	70·5	43	—11	1·9	0·04	—0·97	0	—2·5	0·04
	May	28·830	—·014	S 9 E	2·3	87·5	74·5	104·6	+2·8	112·5	79·3	+2·1	70·5	53	—13	4·0	1·93	—1·01	4	—1·3	0·68
	June	28·669	—·047	S 41 W	2·7	87·3	76·9	102·3	+6·5	114·5	81·6	+3·1	73·5	64	—15	6·3	7·14	—1·56	7	—4·2	2·09
	July	28·678	—·029	S 9 E	1·3	81·1	76·9	90·5	—0·3	95·1	77·5	+0·4	74·5	82	—5	9·2	11·82	—0·48	16	+0·2	2·61
	August	28·705	—·050	S 63 E	(b) 1·1	79·6	76·5	88·1	—1·3	92·8	76·5	0	74·5	85	—4	9·2	23·74	+11·91	18	+1·4	3·40
	September	(c) 28·916	+·042	S 34 E	0	81·2	76·8	91·7	+1·8	98·1	76·9	+1·3	74·5	81	—6	7·0	2·28	—7·10	6	—4·9	0·93
	October	29·069	+·035	S 45 E	0·1	76·7	69·2	89·5	—0·2	92·3	69·4	—1·1	62·9	67	—11	4·4	0·62	—8·04	2	—2·2	0·30
	November (r)	29·132	—·013	N 45 W	0	69·4	62·1	84·3	+0·3	86·1	62·9	+1·9	59·7	64	—6	3·5	0·29	—0·22	1	+0·1	0·12
	December	..	..	..	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..
	Year (x)	28·921	—·009	..	1·4	77·7	69·1	92·3	+0·9	114·5	71·6	+1·0	43·1	65	—8	5·1	52·94	+0·01	59	—13·8	3·40

(b) Mean of 30 days. (c) Mean of 29 days. (r) Mean of 14 days. (x) Mean of 10 months.

MONTHLY AND ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure form normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Daltonganj Chota-Nagpur (730).	January	29·325	—·022	N	2·0	52·1	48·8	78·0	+1·8	84·8	44·8	—2·5	32·4	78	—6	0·5	0	—0·86	0	—1·8	0
	February	29·200	—·032	S 56 E	3·4	57·6	55·2	80·5	+0·6	87·4	50·4	—1·1	44·1	85	+7	1·7	3·33	+2·14	4	+1·7	1·18
	March	29·209	+·072	N 79 E	2·3	(b) 66·2	(c) 59·1	(d) 90·9	+0·4	103·3	(e) 56·8	—2·6	45·7	(b) 66	+6	1·2	0·01	—0·68	0	—1·8	0·01
	April	28·976	—·047	E	3·5	79·4	64·1	104·2	+2·8	109·9	70·6	+0·5	63·5	40	—6	1·1	0·04	—0·37	0	—0·9	0·04
	May	28·889	—·023	S 88 W	4·2	(d) 88·5	(d) 68·9	(d) 108·8	+2·5	113·1	(d) 79·7	+1·0	74·7	(d) 34	—15	1·0	0	—0·62	0	—1·4	0
	June	28·747	—·045	S 59 W	(g) 4·7	89·7	75·2	106·4	+6·6	114·1	84·1	+3·5	72·5	52	—15	3·4	5·02	—1·60	8	—1·0	2·95
	July	28·748	—·035	S 68 E	(a) 2·7	80·3	(a) 77·6	90·5	—1·0	96·1	77·3	—0·9	71·5	(a) 88	+5	(a) 6·6	18·52	+6·66	18	+3·3	3·10
	August	28·783	—·051	N 33 E	(a) 3·0	79·1	76·3	88·1	—1·0	92·2	75·8	—1·1	70·3	90	+3	6·7	22·84	+9·68	20	+3·5	3·15
	September	28·987	+·027	S 39 E	(g) 3·1	80·1	76·4	90·4	+0·2	95·6	75·2	+0·1	70·7	84	0	4·1	9·54	+2·85	9	+0·1	3·05
	October	29·170	+·042	S 23 E	1·5	70·4	66·9	88·1	—1·5	91·1	64·6	—1·4	57·8	83	+3	2·6	0·29	—1·70	1	—2·2	0·28
	November	29·260	+·007	Calm	1·1	61·5	58·2	81·8	—1·2	84·9	53·3	—0·8	43·7	81	+1	1·7	0·48	+0·11	2	+1·4	0·35
	December	29·357	+·049	S 27 W	(a) 1·1	58·1	54·2	79·4	+2·8	84·1	47·6	+2·0	38·7	77	—6	0·9	0·01	—0·18	0	—0·4	0·01
	Year	29·054	—·011	..	2·7	71·9	65·1	90·6	+1·1	114·1	65·8†	+0·5	32·4	71	—2	2·6	60·08	+15·43	62	+0·5	3·15
Monghyr (Bihar) (155).	January	29·889	—·058	S 56 W	2·5	55·6	52·0	74·0	+0·2	80·2	51·8	—0·3	44·9	78	+2	1·3	0·03	—0·18	0	—0·5	0·03
	February	29·769	—·042	S 18 W	3·2	61·2	57·2	77·6	—0·9	85·2	57·0	+1·0	50·9	78	+9	3·6	0·74	—0·08	2	+0·6	0·40
	March	29·766	+·058	S 18 W	2·9	72·2	61·9	90·5	+1·4	101·2	65·1	+1·0	55·4	54	—1	1·6	0·03	—0·39	0	—1·1	0·03
	April	29·538	—·062	S 86 E	5·2	80·7	70·5	98·7	+2·1	104·2	73·7	+2·1	67·9	60	+1	1·5	0·03	—0·74	0	—1·3	0·03
	May	29·459	—·045	N 87 E	4·8	84·6	75·2	102·4	+3·7	106·7	78·0	+2·0	72·9	64	—5	2·1	0·55	—1·55	1	—2·3	0·55
	June	29·314	—·061	S 88 E	5·4	84·7	78·6	100·4	+6·6	110·2	80·1	+1·8	76·9	76	—5	5·6	2·45	—7·00	4	—6·9	1·00
	July	29·229	—·083	S 86 E	4·9	83·4	79·3	92·9	+2·2	97·2	79·9	+0·8	76·9	84	—3	6·3	5·31	—4·92	12	—2·6	0·98
	August	29·354	—·056	S 83 E	4·6	83·6	79·5	91·9	+2·5	96·7	79·9	+1·2	76·9	84	—4	6·3	5·27	—9·08	12	—2·6	1·48
	September	29·554	+·023	S 45 E	2·5	83·9	78·8	92·4	+2·9	97·2	79·5	+1·6	76·9	79	—5	4·3	1·33	—8·34	5	—5·5	0·50
	October	29·726	+·040	S 15 W	2·0	78·5	71·4	89·8	+0·8	95·2	71·9	—0·8	62·4	70	—6	2·2	0·85	—0·52	1	—1·3	0·85
	November (x)	29·803	—·021	S 49 W	1·9	70·6	63·2	85·3	+3·2	87·2	65·0	+3·2	61·9	65	—8	2·1	0	—0·93	0	—0·6	0
	December	Observatory closed.																			
	Year *	29·570	—·024	..	3·9	76·8	70·4	91·1	+2·1	110·2	71·7	+1·0	44·9	73	—2	3·5	16·59	—32·80	37	—25·5	1·48

(a) Mean of 30 days. (b) Mean of 23 days. (c) Mean of 24 days. (d) Mean of 25 days. (e) Mean of 14 days. (g) Mean of 27 days.
(x) Mean of 14 days. * Mean of 10 months. † Mean of 11 months.

MONTHLY AND ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Pusa (Bihar) (188).	January	29·853	—·046	S 48 W	1·8	53·0	51·7	74·5	—0·3	78·9	49·7	+1·9	42·0	91	+3	1·3	0·03	—0·15	0	—0·6	0·02
	February	29·735	—·037	S 17 E	2·1	58·5	56·6	76·7	—2·5	83·5	54·6	+3·6	47·8	88	+7	3·5	2·53	+1·75	4	+2·4	1·82
	March	29·738	+·063	S 37 E	2·1	69·3	63·0	89·3	—0·7	100·2	61·5	+2·6	53·1	69	+8	1·3	0	—0·48	0	—1·4	0
	April	29·514	—·058	N 87 E	3·6	80·5	72·1	97·6	—0·2	104·6	72·7	+4·2	63·0	66	+9	1·0	0·30	—0·46	2	+0·4	0·16
	May	29·439	—·039	N 73 E	3·7	84·2	77·1	100·6	+1·3	108·3	77·2	+2·7	69·7	72	+5	2·1	1·03	—0·82	2	—1·1	0·72
	June	29·289	—·064	N 74 E	3·9	85·3	79·9	99·2	+4·6	111·2	80·3	+2·9	76·6	79	—2	6·3	2·78	—6·10	5	—4·2	1·11
	July	29·305	—·033	N 77 E	2·8	83·5	81·1	91·4	+0·3	96·0	80·2	+1·9	77·7	90	+2	8·8	6·42	—4·67	13	—1·1	1·98
	August	29·337	—·051	N 85 E	2·2	83·7	80·9	92·3	+2·3	96·9	79·6	+1·6	76·7	88	0	7·1	8·58	—6·36	13	—1·1	3·24
	September	29·524	+·025	E	1·5	82·7	80·3	91·0	+0·6	94·7	78·8	+1·7	75·4	90	+4	6·2	5·72	—1·92	9	—0·4	1·67
	October	29·705	+·039	S 45 E	1·0	75·7	72·3	88·7	—0·9	93·2	69·5	—0·9	63·9	84	+1	1·9	0·98	—0·51	2	—0·4	0·76
	November	29·780	—·011	S 53 W	0·9	63·1	60·5	83·5	+0·1	87·0	58·1	+0·2	50·4	85	+1	1·8	0	—0·36	0	—0·4	0
	December	29·871	+·018	S 62 W	1·6	54·9	53·9	77·7	+1·9	83·2	51·1	+2·3	45·7	93	+6	1·4	0·01	—0·09	0	—0·2	0·01
	Year	29·591	—·016	..	2·3	72·9	69·1	88·1	+0·1	111·2	68·7	+3·0	42·0	83	+4	3·6	28·38	—20·17	50	—8·1	3·24
Buxar (Bihar) (239).	January	29·812	—·035	S 61 W	2·8	53·3	50·2	75·3	+1·0	81·0	48·6	—1·6	40·4	79	+3	3·4	0	—0·66	0	—1·3	0
	February	29·685	—·044	S 56 W	3·1	57·5	54·6	77·5	—1·2	84·5	54·1	0	46·6	82	+15	3·5	1·39	+0·73	2	+0·3	1·10
	March	29·680	+·061	S 22 W	2·8	69·5	59·9	91·5	+1·3	102·0	63·7	+0·3	55·6	54	+3	2·0	0	—0·38	0	—1·0	0
	April	29·440	—·059	N 73 E	4·5	80·1	66·7	101·8	+1·8	106·1	74·7	+1·4	65·8	47	+4	0·7	0	—0·16	0	—0·4	0
	May	29·357	—·040	S 80 E	4·7	85·6	73·5	105·6	+3·1	114·4	80·4	+1·5	73·0	55	+2	1·8	0·10	—0·70	1	—0·7	0·10
	June	29·210	—·068	N 74 E	4·2	86·7	(c) 78·8	(c) 103·9	+6·3	112·0	83·5	+3·1	75·6	(c) 70	—2	4·7	3·48	—1·61	5	—2·4	1·48
	July	29·226	—·038	S 85 E	2·9	81·7	79·7	89·8	—1·5	93·5	78·9	—0·3	73·6	91	+6	7·5	11·78	+0·69	11	—2·5	3·55
	August	29·273	—·049	N 83 E	2·6	81·4	79·3	88·5	—0·4	92·8	78·8	+0·4	74·8	91	+3	7·7	13·96	+2·12	14	—0·1	3·25
	September	29·466	+·023	S 50 E	2·3	81·7	79·0	90·6	+0·7	95·3	78·8	+1·1	75·2	88	+4	4·8	2·65	—4·33	4	—4·9	1·06
	October	29·643	+·030	S 22 W	1·3	73·8	69·8	89·6	—0·7	92·5	69·4	—1·5	63·6	81	+7	3·0	1·44	—1·12	2	—0·8	0·93
	November (e)	29·720	—·026	S 69 W	1·8	67·9	61·5	86·3	+2·2	88·3	61·7	+2·1	56·8	68	—1	2·9	0	—0·39	0	—0·4	0
	December	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Year (f)	29·479	—·022	..	3·1	75·1	69·1	91·4	+1·0	114·4	71·1	+0·4	40·4	74	+5	3·9	34·80	—5·42	39	—13·8	3·55

(c) Mean of 29 days. (e) Mean of 14 days. (f) Mean of 10 months.

MONTHLY AND ANNUAL TABLE B FOR 1923—*contd.*

Abstract of 8 hrs. Observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Patiala (Punjab) (818)	January	29·210	—·015	N 69 W	3·4	48·9	46·2	66·2	—1·9	73·4	45·6	+1·6	37·6	81	+1	2·4	1·11	—0·22	4	+1·4	0·34
	February	29·090	—·034	N 13 E	3·6	53·4	50·4	68·4	—3·2	78·0	49·8	+1·9	43·0	81	+6	4·9	4·73	+3·47	7	+4·9	1·58
	March	29·090	+·056	N 30 W	3·0	65·0	58·6	82·3	0	98·4	58·0	+1·4	50·0	67	+4	1·5	0·20	—1·02	1	—1·4	0·20
	April	28·922	—·004	N 60 W	3·5	76·5	64·1	97·8	+4·0	106·8	68·6	+2·0	59·0	49	0	0·7	0	—0·59	0	—1·5	0
	May	..	..	N 82 W	3·3	86·9	71·5	102·1	0	108·9	74·8	—1·2	69·0	47	+1	1·2	0·66	—0·03	2	+0·3	0·43
	June	..	..	S 68 W	3·8	92·1	76·1	106·0	+4·2	113·9	83·0	+2·1	71·0	48	—11	1·9	1·49	—1·03	3	—0·5	1·00
	July	..	..	S 58 E	2·6	84·6	(b) 79·8	95·7	+0·5	109·4	78·8	—1·1	67·0	(b) 80	+3	5·3	6·44	+0·37	8	—0·1	1·87
	August	28·679	—·055	S 27 E	2·8	81·2	78·6	89·5	—3·	96·2	77·7	—1·1	74·0	89	+8	6·4	13·72	+7·03	13	+4·8	3·22
	September	28·879	+·015	N 72 W	(c) 1·5	80·8	74·2	94·0	+0·9	98·2	73·6	—1·1	64·8	73	—1	1·4	1·02	—3·52	2	—2·5	0·82
	October (d)	29·095	+·068	S 68 E	(g) 1·7	70·3	66·1	90·4	—0·7	94·2	62·8	—0·2	54·0	80	+16	1·3	0	—0·72	0	—0·9	0
	November (c)	29·140	—·012	N 4 W	(d) 1·2	57·4	51·9	81·6	+0·4	89·4	50·7	—0·9	39·0	67	0	1·0	0·51	+0·36	2	+1·7	0·25
	December	29·218	+·017	N 67 W	1·9	49·9	47·5	69·6	—1·5	74·2	47·1	+2·8	39·0	83	+5	3·3	2·10	+1·77	3	+1·9	1·04
	Year	(e) 29·036	(e) +·004	..	2·7	72·3	63·7	87·0	0	113·9	64·2	+0·5	37·6	70	+2	2·6	31·98	+5·87	45	+8·1	3·22
Jamnagar (Gujarat) (61)	January	..	..	N 51 E	..	62·2	52·4	81·1	+1·7	87·3	51·8	—1·9	46·5	47	—16	0	0	—0·05	0	—0·2	0
	February	..	..	N 19 W	..	65·5	58·5	81·1	—1·4	88·0	54·0	—1·7	47·2	64	0	1·2	0·26	+0·16	1	+0·8	0·12
	March	..	..	N 27 W	..	77·1	67·9	93·6	+3·6	103·8	62·6	—0·8	52·7	61	—7	0	0	—0·15	0	—0·2	0
	April	..	..	S 74 W	..	85·2	74·0	95·3	+0·3	100·7	69·3	—1·0	64·1	67	—3	0·6	0	—0·04	0	0	0
	May	..	..	S 60 W	..	85·4	77·0	95·2	—2·5	102·4	75·7	—1·0	70·1	67	0	1·3	0	—0·09	0	—0·2	0
	June	..	..	S 60 W	..	87·8	80·1	96·9	+0·	105·0	80·3	+0·3	75·8	70	0	3·9	0	—2·81	0	—3·0	0
	July	..	..	S 59 W	..	84·7	79·3	91·7	+0·5	97·5	79·0	+0·4	72·6	78	+1	6·0	1·21	—7·28	5	—2·7	0·44
	August	..	..	S 44 W	..	81·3	76·7	88·6	+0·6	94·4	77·2	+0·5	72·1	80	—1	6·3	4·01	—1·64	4	—2·6	3·44
	September	..	..	S 54 W	..	..	75·2	92·4	+3·0	103·3	74·8	+0·6	61·1	..	0	3·7	0	—2·17	0	—2·5	0
	October	..	..	N 30 W	..	82·1	74·0	94·9	+1·2	99·1	69·4	—1·2	63·1	67	—1	1·4	0	—0·46	0	—0·5	0
	November	..	..	N 30 E	..	75·3	66·5	88·0	—1·5	93·0	60·6	—2·0	52·9	62	+3	1·9	0	—0·01	0	0	0
	December	..	..	N 45 E	..	65·0	57·6	81·0	—0·6	86·7	55·1	+0·2	47·7	61	+5	0·5	0	—0·04	0	—0·1	0
	Year	..	..	..	..	(a) 77·4	69·9	90·0	+0·5	105·0	67·5	—0·6	46·5	(a) 66	—2	2·2	5·48	—14·58	10	—11·2	3·44

(c) Mean of 29 days. (d) Mean of 28 days. (b) Mean of 26 days. (g) Mean of 25 days. (e) Mean of 9 months. (a) Mean of 11 months.

MONTHLY AND ANNUAL TABLE B FOR 1923—*contd.*

Abstract of 8 hrs. Observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bhavnagar Para (Guj rat) (55).	January	29·976	—·048	N 61 W	3·5	68·9	50·3	85·7	+1·6	93·2	52·8	—2·0	44·7	41	—13	0·1	0	—0·13	0	—0·1	0
	February	29·903	—·027	N 67 W	3·9	64·2	55·1	84·8	—2·2	92·8	56·1	—1·7	47·5	53	0	2·4	0·36	+0·28	1	+0·8	0·28
	March	29·889	+·027	N 76 W	4·1	76·9	60·4	98·0	+2·9	106·0	66·2	+0·4	54·5	33	—22	0·4	0	—0·10	0	—0·2	0
	April	29·760	—·016	N 60 W	5·8	81·2	67·2	101·8	+0·1	107·4	71·2	—2·7	67·7	46	—10	1·0	0·15	+0·05	1	+0·8	0·15
	May	29·714	+·005	S 83 W	7·9	84·6	73·0	104·0	—1·0	110·6	76·1	—2·1	72·3	56	—8	2·4	0·07	—0·37	0	—0·9	0·07
	June	29·603	+·032	S 48 W	10·5	87·3	76·3	105·3	+5·7	112·2	81·0	+0·8	78·1	59	—14	5·6	0	—4·16	0	—4·8	0
	July	29·513	—·027	S 59 W	8·5	82·5	77·1	93·6	+0·3	103·4	78·5	—0·1	74·5	78	—1	8·6	7·07	+0·35	11	+2·2	2·28
	August	29·568	—·047	S 49 W	7·4	80·5	75·5	89·5	—1·8	94·8	76·4	—0·4	73·5	78	—3	8·2	9·64	+4·47	6	—1·8	3·89
	September	29·713	—·008	S 84 W	5·4	81·1	74·5	94·0	+1·0	99·4	75·2	+0·1	69·5	72	—7	6·2	0·82	—2·51	1	—4·6	0·82
	October	29·865	+·039	N 71 W	3·7	80·2	68·1	96·8	+0·6	99·2	70·8	+0·4	66·3	51	—11	2·6	0·02	—0·73	0	—0·8	0·02
	November	29·916	+·002	N 39 W	3·0	70·0	55·8	90·6	—0·5	94·8	61·0	—2·0	53·9	35	—19	1·8	0	—0·15	0	—0·2	0
	December	29·955	—·012	N 26 E	3·7	63·3	52·5	86·5	+1·2	91·8	56·0	+0·1	49·9	43	—11	1·5	0	—0·07	0	—0·1	0
	Year	29·781	—·007	..	5·6	76·7	65·5	94·2	+0·6	112·2	68·4	—0·8	44·7	54	—10	3·4	18·13	—3·07	20	—9·7	3·89
Buldana (Berar) (2,164).	January	..	..	S 74 E	3·6	67·0	54·5	82·7	+1·4	87·4	59·1	+0·4	51·6	41	—6	1·9	0	—0·31	0	—0·5	0
	February	..	..	N 68 W	4·8	67·3	53·7	83·8	—2·0	91·1	60·7	—1·3	54·9	38	0	2·0	0	—0·25	0	—0·5	0
	March	..	..	N 82 W	4·3	77·3	61·7	91·6	—1·7	101·9	69·5	0	59·2	42	+9	3·0	1·05	+0·79	2	+1·4	0·74
	April	..	..	N 69 W	6·8	83·5	64·6	99·4	—0·2	105·1	75·9	—0·4	66·8	34	+6	2·0	0·16	—0·05	1	+0·5	0·10
	May	..	..	N 67 W	9·1	82·8	67·2	101·1	—0·3	107·5	76·5	—1·1	70·5	43	—3	2·2	0·03	—0·51	0	—1·2	0·03
	June	..	..	N 83 W	9·4	81·9	70·4	98·9	+6·2	108·2	76·4	+2·9	72·7	56	—14	5·1	3·51	—3·45	3	—0·2	1·69
	July	..	..	S 82 W	7·2	74·7	70·9	83·7	—0·3	93·9	71·2	+0·3	67·6	83	+2	7·6	15·09	+6·17	15	+1·9	4·43
	August	..	..	S 80 W	6·0	73·5	69·5	81·5	—0·4	91·3	69·8	+0·2	68·2	81	—2	7·8	4·45	—2·55	14	+2·0	0·81
	September	..	..	N 73 W	5·8	73·1	69·5	83·1	—0·3	86·0	69·5	+0·1	67·2	83	+3	7·0	9·33	+2·51	6	—2·6	4·05
	October	..	..	N 22 E	3·6	76·7	64·3	86·6	+0·2	88·8	66·4	—1·8	63·3	50	—5	3·1	0	—2·06	0	—2·8	0
	November	..	..	N 18 W	3·3	72·4	58·3	84·3	+1·6	88·2	61·6	—0·7	56·8	39	—10	3·4	0	—0·67	0	—1·1	0
	December	..	..	S 63 E	3·8	67·6	57·2	82·9	+3·0	85·0	59·5	+1·5	56·3	51	+4	2·8	0·32	—0·23	2	+1·1	0·15
	Year	..	..	..	5·6	74·8	63·5	88·3	+0·6	108·2	68·0	0	51·6	53	—2	4·0	33·94	—0·61	43	—8·0	4·43

MONTHLY AND ANNUAL TABLE B, FOR 1928—*contd.*

Abstract of 8 hrs. Observations.

Station and height of barometer cistern above Sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Hassan (Mysore) (3,149).	January	26·857	—·055	S 81 E	5·1	68·0	59·2	82·0	—0·1	85·7	57·3	+1·4	50·0	59	—15	3·7	0·05	—0·02	0	—0·3	0·02
	February	26·811	—·017	S 13 W	3·8	66·6	59·5	84·9	—1·6	89·0	57·3	—1·2	52·1	67	—3	2·8	0	—0·17	0	—0·4	0
	March	26·837	+·036	S 51 E	3·2	72·5	65·7	88·9	—2·3	94·0	64·6	+2·2	60·0	70	+4	3·2	1·18	+0·85	3	+2·4	0·58
	April	26·740	—·019	S 77 W	5·2	74·3	68·2	91·8	—0·5	95·7	67·0	+0·3	63·6	78	+2	2·6	2·63	+0·62	5	+1·2	0·88
	May	26·717	—·008	S 87 W	6·6	74·0	67·4	91·0	+2·1	97·2	65·9	—1·2	58·4	71	—5	3·1	1·99	—2·70	5	—2·2	0·83
	June	26·686	+·017	N 89 W	9·2	73·0	68·1	84·9	+4·4	91·7	66·8	+0·7	63·7	77	—7	5·5	0·79	—3·22	3	—7·1	0·28
	July	26·664	—·007	S 82 W	9·4	68·9	66·5	75·0	—2·6	80·1	65·5	+0·2	63·3	88	+1	8·4	14·50	+9·10	24	+11·7	2·85
	August	26·762	—·001	S 80 W	9·6	69·2	66·5	75·8	—2·7	80·3	65·3	+0·5	62·4	87	+1	9·2	5·18	+1·52	10	+1·4	0·74
	September	26·729	—·004	S 87 W	7·0	69·5	66·2	79·9	—0·8	84·7	65·2	+0·7	61·7	84	0	8·1	2·74	—1·53	5	—3·5	1·77
	October	26·782	+·023	N 45 E	4·5	71·4	66·4	83·8	+2·1	88·3	65·1	+0·8	60·4	77	—5	7·1	1·23	—5·44	5	—4·4	0·39
	November	26·811	+·007	N 66 E	3·0	69·7	63·3	83·7	+3·7	85·6	61·0	+0·2	54·1	70	—8	5·5	1·63	—1·76	2	—3·1	1·43
	December	26·845	+·008	S 86 E	4·3	67·4	61·6	83·2	+3·3	85·4	60·0	+3·6	52·6	72	—5	5·1	0·18	—0·49	1	+0·2	0·18
	Year	26·766	—·002	..	5·9	70·4	64·9	83·7	+0·4	97·2	63·4	+0·7	50·9	75	—3	5·4	32·10	—3·23	63	—4·1	2·85
Vellore (Madras) (797).	January	29·274	—·073	Calm	2·1	68·0	66·2	81·9	—2·3	85·5	64·2	0	58·5	90	+4	3·7	2·44	+0·95	3	+1·0	1·22
	February	29·207	—·038	S 45 W	2·2	71·6	68·6	88·8	—0·5	92·6	67·5	+1·3	58·4	85	+2	1·5	0	—0·29	0	—0·5	0
	March	29·235	+·043	S 40 W	..	75·8	72·7	91·3	—3·5	99·0	70·6	+0·9	66·4	86	+9	2·9	1·05	+1·71	3	+2·7	1·25
	April	29·083	—·065	S 61 W	3·7	82·6	76·1	99·7	+0·5	105·8	76·8	+0·6	71·0	73	0	1·9	0·56	—0·39	1	—0·3	0·56
	May	29·043	—·002	N 86 W	3·6	85·4	76·1	103·8	+2·0	107·8	78·9	+0·2	74·0	64	—1	2·1	0·21	—2·09	1	—2·9	0·15
	June	28·998	+·001	N 78 W	6·5	85·2	75·8	101·9	+4·4	108·2	81·1	+2·3	78·0	63	—1	2·7	2·01	—0·34	2	—2·5	1·52
	July	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	August	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	September	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	October	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	November	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	December	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Year (*a*)	29·140	—·017	..	(*b*) 3·6	78·1	72·6	94·6	+0·1	108·2	73·2	+0·9	58·4	77	+2	2·5	7·17	—0·45	10	—2·5	1·52

(*a*) Mean of 6 months.

(*b*) Mean of 5 months.

MONTHLY AND ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. Observations.

Station and height of barcistern above Sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
P. V. Fraser(8)	January	29·996	—·082	N 3 E	..	72·3	66·2	..	..	..	..	..	..	71	—2	2·1	0	—0·20	0	—0·7	0
	February	29·893	—·070	S 19 W	..	75·2	70·6	..	..	..	..	..	..	78	0	3·9	2·12	+1·46	4	+2·9	1·10
	March	29·922	+·040	S 82 W	..	78·7	74·5	..	..	..	..	..	..	81	—1	1·1	0	—0·76	0	—1·2	0
	April	29·729	—·070	S 34 W	..	82·3	78·9	..	..	..	..	..	..	85	0	4·3	0	—0·80	0	—1·4	0
	May	29·644	—·047	S 18 W	..	85·0	80·9	..	..	..	..	..	..	83	—2	6·5	0	—2·21	0	—4·0	0
	June	29·481	—·071	S 30 W	..	(c) 85·9	(g) 82·	..	..	..	..	..	..	(g) 88	+2	8·3	4·12	—3·79	4	—6·7	1·80
	July	29·484	—·053	S 47 W	..	84·3	81·1	..	..	..	..	..	..	86	—2	8·0	10·59	+2·82	18	+7·6	2·16
	August	29·482	—·093	S 63 W	..	82·5	79·8	..	..	..	..	..	..	88	0	8·4	12·98	+5·19	16	+4·9	3·00
	September	29·693	+·003	S 1 W	..	84·2	8	..	..	..	..	..	..	83	—3	5·1	1·30	—3·51	5	—6·3	0·42
	October	29·855	+·015	N 12 E	..	83·8	77·	..	..	..	..	..	..	75	—5	5·0	1·88	—1·61	3	—1·8	1·25
	November	29·903	—·025	N 20 E	..	79·7	72·6	..	..	..	..	..	..	70	0	4·0	4·12	+1·87	3	+0·8	2·02
	December	30·006	—·011	N 25 E	..	74·6	67·2	..	..	..	..	..	..	66	0	2·0	0·36	—0·46	2	+1·7	0·26
	Year	29·757	—·039	..	..	80·7	76·1	..	..	.	..	..	..	79	—2	4·9	37·48	—2·00	55	—1·2	3·00
Table Island (Bay Islands) (105).	January	29·842	—·007	N 33 E	5·5	78·6	72·3	82·3	—0·5	84·6	74·1	—1·1	71·0	72	—2	1·6	0	—0·77	0	—0·7	0
	February	29·826	+·002	N 16 E	2·4	78·6	71·0	83·3	—0·4	86·4	71·9	—3·2	68·4	67	—9	1·5	0	—0·12	0	—0·3	0
	March	29·828	+·027	N 14 E	2·4	81·3	75·1	86·2	—0·3	88·0	74·8	—1·7	71·3	74	—4	1·1	0·45	+0·28	1	+0·7	0·45
	April	29·733	—·017	N 27 W	3·9	83·4	76·3	89·1	—0·2	91·6	76·9	—2·6	69·3	71	—4	2·8	9·61	+8·98	4	+2·9	8·20
	May	29·709	+·044	S 54 W	9·5	82·7	(b) 78·3	86·5	—2·3	89·4	79·1	—0·7	72·0	(b) 81	0	3·3	7·91	—0·84	7	—3·7	2·40
	June	29·627	+·017	S 45 W	18·9	82·0	79·1	85·0	—0·6	88·3	78·3	+0·4	72·8	87	—2	4·7	12·68	—2·42	17	+0·2	1·72
	July	29·641	+·036	S 41 W	21·6	80·2	78·2	82·6	—2·0	84·1	76·3	—1·0	72·6	91	0	4·4	13·90	+0·39	17	—0·6	2·14
	August	29·619	—·018	S 42 W	22·5	80·5	78·8	83·3	—0·9	85·6	76·7	—0·8	71·8	92	+2	5·1	14·15	+2·68	19	+2·8	2·48
	September	29·702	+·036	S 48 W	9·4	79·5	77·1	83·9	—0·5	86·4	75·9	—1·3	73·5	89	+1	3·1	18·28	+6·94	21	+5·4	4·20
	October (a)	29·756	+·021	S 62 E	(d) 7·9	82·0	77·4	85·6	+0·2	87·5	77·3	—0·5	75·0	81	—3	2·7	2·31	—4·18	7	—3·2	0·20
	November	29·754	—·020	N 84 E	..	82·1	77·3	85·7	+0·8	87·9	78·0	+0·2	75·0	80	—1	4·1	1·59	—4·06	4	—2·8	0·64
	December	29·804	—·009	N 63 E	6·6	80·9	74·7	84·5	+1·2	86·9	77·5	+0·9	73·9	74	—1	4·6	1·43	—0·94	3	+0·7	0·63
	Year	29·737	+·009	..	10·1 (x)	81·0	76·3	84·8	—0·5	91·6	76·4	—0·9	68·4	80	—2	3·3	82·31	+5·94	100	+1·4	8·20

(a) Mean of 24 days. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 16 days. (g) Mean of 25 days. (x) Mean of 11 months.

MONTHLY AND ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. Observations.

Station and height of barcistern above Sea l vel.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Muzaffarabad (Kashmir) (2,343).	January	27·667	—·044	S 21 W	1·8	40·9	39·4	57·2	—4·1	68·1	38·4	+0·7	33·9	87	+18	6·2	6·44	+2·87	8	+1·7	2·30
	February	27·518	—·079	S 14 W	2·1	44·6	43·0	58·3	—4·0	72·9	42·5	+1·7	34·0	89	+20	7·8	8·82	+4·79	13	+7·1	3·20
	March	27·593	—·046	S 23 W	2·2	53·1	49·2	72·2	+3·9	91·1	50·3	+3·6	40·9	76	+8	4·8	4·74	—1·16	6	—2·5	2·36
	April	27·427	—·035	S 25 W	2·1	64·5	56·6	83·1	+5·5	97·9	59·2	+4·9	48·0	61	—4	4·4	4·39	—0·66	6	—2·6	1·17
	May	27·336	—·025	S 28 W	2·1	70·6	60·9	87·6	—2·1	100·4	64·4	+1·1	55·5	58	+4	4·1	3·58	+1·33	9	+5·3	0·86
	June	27·177	—·021	S 25 W	2·5	79·6	66·2	98·3	+0·6	105·6	73·4	+1·1	65·0	48	—3	2·7	1·24	—2·12	3	—3·1	0·50
	July	27·154	—·007	S 26 W	2·3	79·4	70·4	95·7	+0·9	104·3	74·4	+0·8	68·0	64	—3	4·5	5·86	—4·13	9	—2·9	1·37
	August	27·181	—·029	S 18 W	1·5	77·5	74·2	90·8	0	96·8	74·5	+2·3	70·2	85	+7	6·5	8·96	—1·05	15	+2·2	1·41
	September	27·388	+·031	S 51 W	1·3	70·1	64·0	89·9	—0·1	96·7	64·4	—1·8	56·3	71	+1	1·7	2·52	—1·28	6	+0·1	0·73
	October	27·578	+·058	S 20 W	1·6	61·4	54·9	81·3	—3·1	92·8	54·7	—0·8	46·6	65	+4	2·4	3·88	+2·34	5	+2·6	1·70
	November	27·591	—·029	S 13 W	0·9	54·1	47·5	75·2	+0·2	81·7	46·5	+1·7	37·6	59	—2	1·1	0·01	—0·59	0	—1·5	0·01
	December	27·659	+·007	S 4 W	1·1	43·7	41·2	64·2	+1·2	71·9	(e) 41·6	+3·6	32·7	81	+10	3·6	1·48	—0·83	2	—2·4	0·80
	Year	27·439	—·018	..	1·8	61·6	55·6	79·5	—0·1	105·6	† 58·4	† +1·4	32·7	70	+5	4·1	51·92	—0·49	82	+4·0	3·20
Mirjawa (Baluchistan).	January	27·282	..	N 75 W	6·5	39·6	(h) 38·5	61·5	..	75·3	(j) 40·1	..	27·2	(h) 58	..	1·3	0·09	..	..	..	0·09
	February	27·139	..	N 87 W	7·0	44·0	(i) 38·8	68·5	..	82·1	38·9	..	30·4	(i) 54	..	0·7	0	..	..	..	0
	March	27·176	..	N 78 W	..	56·8	47·1	82·1	..	100·5	(k) 52·9	..	40·2	47	..	0·6	0·60	..	1	..	0·60
	April	27·072	..	N 73 W	(f) 9·3	63·5	51·3	86·2	..	97·2	57·7	..	50·9	41	..	0·3	0·35	..	1	..	0·35
	May	27·025	..	N 65 W	8·3	71·0	54·1	97·2	..	110·5	65·4	..	54·0	28	..	0·3	0	..	0	..	0
	June	26·918	..	N 75 W	(c) 8·9	78·7	60·1	102·6	..	108·2	74·0	..	64·6	30	..	..	0	..	0	..	0
	July	26·843	..	N 51 W	..	81·7	62·3	105·9	..	110·8	76·1	..	71·4	29	..	..	0	..	0	..	0
	August	26·836	..	N 72 W	..	81·9	59·8	105·6	..	110·2	77·6	..	70·7	22	..	0	0	..	0	..	0
	September	27·117	..	N 38 W	9·0	68·7	50·8	92·8	..	107·8	61·7	..	47·6	21	..	0	0	..	0	..	0
	October	27·210	..	N 49 W	6·0	62·8	49·4	87·4	..	98·2	55·4	..	43·6	35	..	0·9	0·22	..	1	..	0·22
	November	27·317	..	N 49 W	(g) 5·3	44·8	36·5	72·2	..	90·8	40·0	..	33·2	40	..	..	0	..	0	..	0
	December	27·395	..	N 47 W	4·9	39·4	(d) 36·4	64·3	..	74·3	32·5	..	21·7	(d) 44	..	0·3	0	..	0	..	0
	Year	27·111	..	..	7·2*	61·1	48·8	85·5	..	110·8	56·0	..	21·7	37	..	0·5	1·26	..	3	..	0·60

(c) Mean of 24 days. (d) Mean of 16 days. (e) Mean of 13 days. (f) Mean of 22 days. (g) Mean of 28 days. (h) Mean of 19 days. (i) Mean of 25 days.
(j) Mean of 26 days. (k) Mean of 27 days. * Mean of 9 months. † Mean of 11 months.

MONTHLY AND ANNUAL TABLE B, FOR 1923—*contd.*

Abstract of 8 hrs. Observations.

Station and height of barcistern above Sea leval.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Seistan (a) (Baluchistan) (2,000).	January	28·337	—·022	N 45 W	3·6	37·9	(s) 39·5	57·4	—3·7	68·3	34·2	—0·6	23·2	(s) 80	—1	4·5	0·61	+0·25	3	+1·7	0·22
	February	28·174	—·098	N 45 W	4·1	42·1	40·6	61·9	—1·1	73·6	38·5	+0·4	30·4	88	+15	3·1	0·94	+0·57	3	+1·7	0·43
	March	28·184	—·011	N 45 W	5·2	51·8	48·3	75·3	+2·9	95·0	48·5	+2·2	35·8	77	+9	2·4	0·28	—0·22	1	—0·6	0·16
	April	28·058	—·028	N 37 W	6·1	61·8	56·6	81·6	—1·1	96·0	57·2	+0·3	47·0	71	+14	2·2	0·10	—0·04	0	—0·6	0·06
	May	27·976	—·007	N 18 W	10·8	71·9	64·1	91·7	—2·8	98·8	66·8	—1·0	55·6	65	+16	1·4	0	—0·02	0	—0·1	0
	June	27·832	+·007	N 34 W	11·0	79·8	72·1	97·7	—2·8	105·3	75·9	+2·3	68·5	68	+31	0·4	0	—0·01	0	—0·1	0
	July	27·719	—·027	N 43 W	16·0	81·9	65·6	100·4	—2·6	105·8	79·0	+1·5	74·9	40	+4	0	0	0	0	0	0
	August	27·717	—·065	N 43 W	14·8	81·9	66·1	101·3	+0·6	105·8	78·7	+2·5	68·0	41	+6	0	0	0	0	0	0
	September	28·055	+·078	N 45 W	15·3	69·0	57·5	87·3	—5·8	103·8	65·6	—0·1	51·2	47	+5	0·5	0	0	0	0	0
	October	28·178	—·034	N 45 W	4·8	56·0	51·2	83·3	—0·3	94·8	53·0	0	44·0	72	+19	0·7	0·37	+0·29	1	+0·8	0·33
	November	28·343	+·006	N 38 W	4·8	42·0	(k) 39·4	67·9	—3·7	83·5	39·4	—1·7	28·2	(k) 72	+10	0·7	0	—0·08	0	—0·4	0
	December	28·413	+·031	N 45 W	5·7	34·7	(r) 36·5	58·7	—0·9	68·3	30·8	—2·8	18·0	(r) 79		2·5	0·02	—0·30	0	—0·9	0·02
	Year	28·082	—·014	..	8·5	59·2	53·1	80·4	—1·7	105·8	55·6	+0·2	18·0	67	+11	1·5	2·32	+0·44	8	+1·5	0·43
Trincomalee Ceylon) (99).	January	29·810	—·018	N 43 E	7·0	75·8	73·9	80·2	—2·7	85·0	74·1	—0·2	71·0	91	+6	7·5	20·87	+15·12	14	+6·5	3·91
	February	29·809	—·009	S 25 W	4·4	75·6	72·5	85·5	—0·4	88·5	72·9	—1·8	68·0	86	+2	3·1	2·22	+0·33	1	—1·4	2·22
	March	29·818	+·038	S 1 E	4·6	78·2	74·9	87·8	—1·4	91·7	75·8	—0·1	71·0	86	+1	3·8	3·97	+2·35	4	+1·6	1·99
	April	29·695	—·026	S 42 W	5·0	80·3	76·6	93·3	+0·6	98·0	78·0	+0·4	74·2	84	0	3·8	0	—1·84	0	—2·9	0
	May	29·672	+·008	S 49 W	7·1	79·8	75·4	95·5	+1·6	99·9	77·5	—0·9	74·3	81	0	4·0	0·35	—2·11	1	—2·4	0·35
	June	29·641	—·001	S 58 W	10·0	80·3	76·0	93·2	+0·8	96·6	78·5	+0·2	77·0	81	+1	6·3	0	—1·54	0	—1·8	0
	July	29·668	+·016	S 62 W	9·7	79·1	74·1	93·0	+1·0	95·5	77·7	+0·3	75·7	78	—2	5·9	0	—1·91	0	—2·4	0
	August	29·699	+·024	S 64 W	9·9	79·2	74·1	93·9	+1·3	96·7	77·5	+0·6	74·8	78	—2	5·6	0·44	—3·75	2	—3·0	0·34
	September	29·699	+·001	S 60 W	8·0	78·9	74·1	93·8	+2·1	97·1	77·1	+0·6	74·4½	79	—2	5·2	0·99	—3·63	2	—4·1	0·72
	October	29·767	+·029	S 53 W	3·9	77·2	74·6	90·2	+0·8	98·1	74·9	—0·5	71·8	88	+2	5·2	7·67	+0·08	15	+4·3	1·44
	November	29·764	—·006	S 62 W	4·1	76·6	74·2	86·8	+1·1	92·5	74·3	—0·3	71·0	89	+1	6·6	20·17	+5·80	11	—2·8	7·89
	December	29·796	—·007	N 38 E	6·8	76·7	74·9	81·9	—1·1	86·9	74·2	0	70·0	92	+5	7·5	24·14	+10·24	16	+2·1	3·78
	Year	29·737	+·005	..	6·8	78·1	74·6	89·6	+0·3	99·9	76·0	—0·2	68·0	84	+1	5·4	80·82	+19·23	66	—6·3	7·89

(a) Aneroid. (k) Mean of 27 days. (r) Mean of 14 days. (s) Mean of 20 days.

MONTHLY AND ANNUAL TABLE B FOR 1923—*contd.*

Abstract of 8 hrs. Observations.

Station and height of bar-cistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Hambantota (Ceylon) (64).	January	29·805	—·046	N 14 E	7·9	73·0	71·7	83·3	—1·1	86·9	72·7	+0·5	67·4	93	+3	5·7	6·06	+2·94	10	+4·3	1·72
	February	29·814	—·034	N 3 E	7·6	71·9	69·8	86·1	+0·3	87·7	71·4	—0·2	67·4	90	+1	3·0	0·37	—0·78	1	—1·7	0·37
	March	29·832	+·009	N 5 E	8·9	75·1	72·5	87·7	+0·7	89·5	74·3	+0·2	72·2	88	—2	3·5	1·39	—2·23	1	—4·1	1·20
	April	29·728	—·049	N 35 W	6·7	77·9	75·2	88·5	+0·2	90·9	76·5	+0·8	73·4	88	—2	3·7	2·98	—0·48	7	+1·1	1·68
	May	29·737	+·002	W	11·3	78·3	75·4	87·3	—0·6	92·3	76·9	—0·5	72·5	87	—2	2·3	1·53	—1·64	2	—3·6	1·10
	June	29·736	+·013	S 76 W	11·8	77·0	75·2	83·6	—4·0	88·4	76·1	—1·0	74·2	92	+3	6·1	5·66	+3·50	10	+4·1	1·78
	July	29·752	+·020	S 78 W	9·9	75·9	74·2	82·8	—4·5	88·5	75·0	—1·4	71·3	92	+3	6·0	7·46	+5·02	13	+7·7	1·83
	August	29·775	+·017	W	11·4	76·8	74·4	86·0	—1·3	89·7	75·9	—0·4	73·6	89	0	4·9	1·42	+0·11	3	—3·0	0·47
	September	29·774	+·006	S 87 W	10·1	76·0	74·5	84·2	—2·7	88·5	75·0	—1·0	72·6	93	+4	5·5	7·20	+5·27	16	+11·7	1·25
	October	29·809	+·013	N 66 W	6·8	75·8	74·1	84·4	—2·4	86·0	74·4	—0·8	72·8	92	+3	4·2	6·13	+2·22	9	+1·5	1·65
	November	29·801	+·013	N 33 W	6·4	75·1	73·4	84·7	—1·2	87·7	73·9	—0·2	71·5	93	+3	5·1	11·53	+0·34	12	+3·6	4·42
	December	29·797	—·022	N 19 E	7·6	74·4	72·7	83·8	—0·4	86·8	73·5	+1·0	70·9	92	+1	4·8	8·82	+3·03	9	—0·5	6·36
	Year	29·780	—·005	..	8·9	75·6	73·6	85·2	—1·4	92·3	74·6	—0·3	67·4	91	+2	4·6	60·56	+23·30	93	+2·41	6·36
Minicoy Arabian Sea. (7)	January	29·877	+·004	N 37 E	3·9	..	..	..	..	..	..	..	..	..	..	5·8	3·36	+1·48	5	+2·3	1·88
	February	29·893	—·025	N 24 E	2·7	..	..	..	..	..	..	..	..	..	..	3·5	0	—0·65	0	—1·1	0
	March	29·931	+·040	N 22 E	2·7	..	..	..	..	..	..	..	..	..	..	4·4	0·71	—0·33	1	—0·6	0·68
	April	29·791	—·055	N 21 W	2·8	..	..	..	..	..	..	..	..	..	..	4·1	0	—2·62	0	—3·6	0
	May	29·785	—·043	N 32 W	2·8	..	..	..	..	..	..	..	..	..	..	4·5	0·79	—5·60	2	—6·6	0·26
	June	29·784	—·032	N 79 W	6·9	..	..	..	..	..	..	..	..	..	..	6·6	15·76	+3·65	17	—0·3	2·37
	July	29·792	—·037	N 88 W	8·5	..	..	..	..	..	..	..	..	..	..	7·0	7·03	—1·77	11	—2·9	1·60
	August	29·833	—·021	N 80 W	..	..	..	..	..	..	..	..	..	..	..	6·2	9·62	+2·46	16	+5·0	2·02
	September	29·831	—·042	N 50 W	..	..	..	..	..	..	..	..	..	..	..	6·2	10·61	+4·20	17	6·9	2·15
	October	29·852	—·021	N 5 E	..	..	..	..	..	..	..	..	..	..	..	3·8	7·23	—1·09	9	—2·6	1·61
	November	29·861	—·025	N 1 W	3·0	..	..	..	..	..	..	..	..	..	..	4·8	4·77	—0·52	6	—1·1	1·63
	December	29·863	—·043	N 73 E	3·4	..	..	..	..	..	..	..	..	..	..	6·3	14·63	+11·12	14	+9·8	3·36
	Year	29·841	—·029	..	(a)4·1	..	..	..	..	..	..	..	..	..	..	5·3	74·51	+10·53	98	+5·2	3·36

(a) Mean of 9 months.

MONTHLY AND ANNUAL TABLE B FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Amini Divi (Arabian Sea.) (13)	January	29·897	—·104	N 21 E	3·3	81·6	74·8	89·3	+3·2	93·0	74·0	0	69·1	72	0	4·1	0·08	—0·62	0	—1·1	0·08
	February	29·898	—·025	N 6 E	4·0	80·8	72·1	89·1	+2·0	91·6	73·3	—2·7	67·5	64	—8	3·8	0·13	+0·05	1	+0·7	0·13
	March	29·901	+·011	N 2 E	4·1	83·6	76·4	91·2	+1·7	94·6	77·5	—0·1	72·1	71	—1	2·9	1·26	+1·21	1	+0·9	1·26
	April	29·804	—·030	N 14 W	7·0	86·4	77·4	93·8	+2·1	96·4	80·7	+0·9	76·7	65	—6	4·6	0	—1·50	0	—1·7	0
	May	29·803	—·005	N 24 W	7·0	86·4	77·6	93·2	+1·7	97·6	80·2	—0·4	74·1	66	—8	4·3	0·27	—3·43	1	—3·7	0·10
	June	29·782	+·015	N 79 W	12·1	83·5	78·5	88·0	+0·7	93·0	78·6	+0·5	74·1	80	—2	8·0	13·60	—0·71	16	—0·5	3·10
	July	29·774	—·014	S 82 W	14·8	81·8	77·7	85·8	+0·1	88·8	77·0	—0·4	72·3	82	—1	8·1	17·74	+5·74	18	+2·3	5·31
	August	29·821	—·002	S 88 W	13·5	81·7	77·6	86·0	+0·3	89·0	77·4	0	73·7	82	0	6·8	6·02	—1·62	12	+0·6	1·51
	September	29·833	—·015	N 48 W	8·6	81·4	76·5	86·4	+0·6	89·8	77·0	—0·2	73·3	79	—2	6·2	4·29	—2·06	7	—3·5	1·40
	October	29·872	+·015	N 4 W	3·8	82·2	76·5	87·4	+1·0	91·0	76·5	—0·3	72·9	77	—3	5·1	4·55	—1·25	5	—3·7	1·78
	November	29·885	+·013	N	2·9	83·6	75·4	87·8	+1·3	91·2	74·4	—1·1	70·3	67	—9	4·3	0·36	—2·22	1	—3·2	0·29
	December	29·871	—·037	N 37 E	2·4	83·0	76·0	87·9	+1·6	90·0	74·5	+0·7	70·3	71	—1	5·5	0·95	—0·32	3	+1·0	0·46
	Year	29·845	—·015	..	7·0	83·0	76·4	88·8	+1·3	97·6	76·8	—0·2	67·5	73	—3	5·3	49·25	—6·74	65	—11·9	5·31
Gangtok (Sikkim) (5,760).	January	24·307	—·109	N 45 E	0·8	46·2	42·8	62·1	+3·8	67·5	43·9	+7·5	38·9	77	—3	3·4	0	—0·97	0	—2·9	0
	February	24·205	—·125	N 45 E	0·9	45·1	42·8	57·4	—1·6	66·8	42·7	+5·0	38·0	85	+4	4·6	3·70	+0·96	7	+1·2	0·83
	March	24·298	—·023	N 45 E	1·5	53·9	48·1	69·3	+3·2	79·0	50·4	+6·2	41·0	67	—8	3·1	1·31	—3·71	6	—2·5	0·39
	April	24·195	—·100	S 72 E	1·2	58·4	55·5	70·1	+0·2	77·1	54·7	+5·1	48·5	85	+9	7·1	21·74	+10·45	22	+7·0	5·28
	May	24·161	—·111	Calm	1·0	61·5	59·0	70·4	—2·0	77·6	58·2	+4·9	51·8	88	+5	8·3	28·79	+10·89	26	+6·1	3·35
	June	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	July	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	August	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	September	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	October	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	November	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	December	24·337	—·060	N 45 E	0·7	47·0	43·9	62·1	+1·9	67·6	44·7	+8·6	39·2	79	+1	3·6	0·48	—0·52	2	0	0·25
	Year (*b*)	24·251	—·086	..	1·0	52·0	48·7	65·2	+0·9	79·0	49·1	+6·2	38·0	80	+1	5·0	56·02	+17·10	63	+8·9	5·28

(*b*) Mean of 6 months.

MONTHLY AND ANNUAL TABLE B FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of bar cistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	1	12	13	14	15	16	17	18	9	20	21	22
Kashgar (Eastern Turkistan)‡ (4,255).	January	25·627	—·093	N 45 E	0·2	15·3	..	34·2	+0·1	40·3	11·3	—0·9	7·3	..	..	2·3	0·02	—0·15	0	—0·8	0·02
	February	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	March	25·472	—·088	N 45 E	1·1	40·3	(i) 38·3	62·7	+5·2	78·3	34·7	—0·4	24·8	(i) 64	+7	2·1	0	—0·31	0	—0·7	0
	April	25·391	—·119	N 27 W	1·1	57·8	51·2	76·6	+4·6	88·8	49·0	+0·5	35·3	65	+18	3·0	0	—0·24	0	—0·9	0
	May	25·402	—·098	N 11 W	1·9	67·1	60·3	83·6	+1·6	94·3	57·6	—0·8	48·8	69	+23	2·0	0	—0·65	0	—1·2	0
	June	25·298	—·112	N 45 W	1·6	72·9	66·4	..	..	..	64·3	+0·2	56·3	73	+29	1·3	0·89	+0·62	3	+2·2	0·57
	July	25·306	—·064	N 9 E	1·7	75·7	69·0	..	..	..	63·9	—3·8	56·3	72	+23	1·7	1·06	+0·82	3	+2·2	0·67
	August	25·320	—·130	N 45 E	0·3	76·7	69·0	(j) 94·3	+3·8	105·1	66·7	+1·0	57·3	69	+15	3·6	0·19	—0·34	0	—1·6	0·08
	September	25·505	—·065	N 45 W	0·8	62·9	60·8	75·9	—7·9	90·1	54·7	—2·3	41·3	89	+34	3·9	0·19	—0·08	1	+0·3	0·11
	October	25·545	—·135	N 45 W	0·5	47·8	43·3	64·5	—6·4	74·1	42·2	—0·5	30·3	71	+14	1·6	0	—0·02	0	—0·1	0
	November	25·614	—·116	[illegible]	0·3	31·6	..	54·3	+1·0	68·1	28·3	—0·2	20·3	..	..	0·3	0	—0·15	0	—1·1	0
	December	(b) 25·729	—·021	Calm	0·1	16·9	..	32·4	—4·9	42·6	14·5	—2·2	7·8	..	..	2·2	0·03	—0·11	0	—0·4	0·03
	Year (a)	25·474	—·096	..	0·9	51·4	57·3	64·31	—0·3	105·1	44·3	+1·3	7·3	71*	+20	2·2	2·38	—0·78	7	—2·6	0·07
Meshed (Persia) (3,104).	January	26·060	..	Calm	0·3	29·0	..	44·8	—1·4	56·9	26·3	+3·9	9·0	..	..	5·1	1·42	+0·61	4	+1·8	0·42
	February	25·926	..	S 45 E	0·7	31·3	..	47·8	—0·3	61·4	28·8	+1·2	16·0	(p) 97	..	5·1	3·66	+2·66	8	+5·6	1·00
	March	25·991	..	N 15 E	1·6	40·3	(d) 39·9	58·4	+1·1	77·4	36·7	+1·2	26·5	(d) 87	+10	5·3	3·63	+1·39	6	+0·9	1·12
	April	25·931	..	N 11 W	2·3	47·5	(c) 45·6	64·6	—3·4	77·9	42·7	—2·8	30·5	(c) 83	+16	5·2	3·44	+1·60	11	+6·2	0·75
	May	25·932	..	S 45 E	1·2	60·2	53·8	80·2	+0·3	89·4	51·0	—3·8	37·0	64	+5	2·4	0·22	—1·01	1	—2·3	0·11
	June	25·850	..	N 26 W	1·2	68·0	62·4	85·7	—2·9	93·9	59·8	—0·4	49·0	73	+25	2·6	1·68	+1·33	4	+3·2	0·85
	July	25·811	..	N 45 W	1·3	71·5	61·9	92·1	—0·3	98·0	59·8	—2·8	55·0	57	+12	0·2	0	—0·06	0	—0·1	0
	August	25·802	..	N	1·8	66·4	59·3	92·5	+2·1	99·7	59·0	+0·3	53·5	65	+19	0·3	0	—0·03	0	—0·1	0
	September	26·074	..	Calm	1·1	49·5	44·3	78·0	—5·0	92·4	45·1	—5·8	34·5	65	+16	0·2	0	—0·02	0	—0·1	0
	October	26·059	..	N 66 W	0·8	44·7	42·6	71·6	0	84·4	41·8	—0·1	35·5	84	+22	3·3	0·43	+0·05	2	+0·9	0·20
	November	26·172	..	S 45 E	0·9	31·0	..	59·6	—1·7	77·4	29·3	—4·8	21·0	..	..	2·0	0·16	—0·44	0	—1·7	0·08
	December	26·186	..	S 45 E	0·9	24·5	..	49·6	—0·4	69·4	22·0	—6·6	12·0	..	..	3·5	0·21	—0·45	1	—0·9	0·11
	Year	25·983	..	..	1·2	47·0	..	68·7	—1·0	99·7	41·9	—1·7	9·0	75†	+16*	2·9	14·35	+5·63	37	+13·4	1·12

(a) Mean of 11 months.
(b) Mean of 30 days.
(c) Mean of 29 days.
(d) Mean of 28 days.
* Mean of 8 months.
† Mean of 9 months.
‡ Aneroid.
(i) Mean of 23 days.
(j) Mean of 22 days.
(p) Mean of 16 days.

MONTHLY AND ANNUAL TABLE B FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Jask (Persia) (13).	January	30·048	—·018	N 16 E	8·0	64·0	58·5	76·3	+2·2	81·3	61·6	+1·2	56·3	70	—4	3·0	0·69	—0·44	1	—1·3	0·63
	February	29·949	—·058	N 7 W	9·0	63·7	58·3	77·3	+2·3	81·3	61·3	—0·3	55·1	71	—3	2·3	0·82	—0·06	1	—1·0	0·80
	March	29·946	+·023	N 58 E	7·7	71·4	66·7	82·9	+3·1	91·8	68·7	+2·3	62·3	77	+4	1·0	0·01	—0·79	0	—1·6	0·01
	April	29·788	—·032	S 19 E	11·1	75·3	69·1	88·0	+1·5	93·8	73·5	+1·0	68·5	71	+2	1·3	1·68	+1·50	2	+1·5	1·40
	May	29·722	+·029	S 58 E	7·7	82·1	77·2	94·1	+1·6	99·5	78·6	+0·4	70·4	80	+10	0·7	0	—0·01	0	0	0
	June	29·561	+·048	N 14 E	8·1	87·1	80·4	98·7	+2·4	107·4	83·1	0	73·7	74	+3	1·5	0	—0·06	0	—0·1	0
	July	29·458	—·007	S 84 E	7·8	87·2	83·1	97·0	+0·8	05·4	84·6	—0·7	80·3	84	+9	4·1	0	0	0	0	0
	August	29·499	—·042	N 73 E	8·9	88·3	82·5	97·1	+2·7	107·5	86·4	+2·6	83·5	78	0	3·5	0	—0·01	0	0	0
	September	29·731	+·034	N 59 E	6·5	84·2	75·7	97·3	+4·1	107·5	81·6	+0·7	75·1	67	—8	1·8	0	0	0	0	0
	October	29·902	+·018	N 16 E	8·4	77·7	71·6	91·3	+0·5	98·9	75·1	—0·3	65·2	74	+6	1·7	1·87	+1·82	2	+1·8	0·95
	November	30·049	+·055	N 22 E	5·3	67·5	60·7	82·9	—0·9	88·2	65·2	—3·2	59·8	66	—6	1·7	0·61	+0·34	1	+0·5	0·61
	December	30·108	+·041	N 16 E	6·5	62·6	57·2	77·1	—0·5	80·8	61·0	—1·9	55·8	70	+1	1·1	0	—1·12	0	—2·0	0
	Year	29·813	+·007	..	7·0	75·9	70·1	88·3	+1·6	107·5	73·4	+0·2	55·1	73	+1	2·0	5·68	+1·17	7	—2·2	1·40
Muscat (Persia) (20).	January	30·034	—·033	N 51 W	7·8	69·5	63·3	76·8	+2·4	83·1	66·9	+0·2	62·7	69	+1	2·6	0·26	—0·90	1	—1·0	0·18
	February	29·933	—·083	N 55 W	6·4	68·2	61·4	77·8	+2·8	89·4	65·4	—1·6	61·9	66	—3	2·1	0·30	—0·54	2	+0·3	0·16
	March	29·932	—·001	N 52 W	5·6	75·6	68·1	84·3	+4·3	94·0	72·6	+0·8	65·1	67	+1	0·7	0	—0·59	0	—1·5	0
	April	29·800	—·022	N 48 W	6·8	80·7	68·6	87·8	+0·2	97·3	76·5	—2·5	70·6	52	—8	2·0	1·44	+1·04	3	+2·1	0·55
	May	29·690	—·007	N 32 W	5·8	89·2	76·2	96·5	+1·1	104·3	84·9	—0·8	77·7	55	—2	0·3	0	—0·01	0	0	0
	June	29·551	+·041	N 37 W	5·6	93·6	80·7	101·9	+4·6	108·4	89·4	+1·0	85·4	56	—6	1·5	0	—0·11	0	—0·2	0
	July	29·434	—·019	S 45 E	4·7	90·2	80·8	97·8	+3·3	110·5	87·9	+0·5	84·0	65	—9	5·8	0	—0·02	0	—0·1	0
	August	29·484	—·047	S 40 E	3·9	88·1	80·7	94·5	+4·3	105·1	85·8	+1·8	80·6	72	—8	5·9	0	—0·03	0	—0·1	0
	September	29·716	+·019	N 34 E	5·0	86·1	77·7	94·2	+3·6	102·3	83·4	+0·5	73·1	67	—7	2·4	0	0	0	0	0
	October	29·890	+·002	N 58 W	4·7	81·7	72·5	91·1	+0·7	98·5	78·5	—1·9	69·3	63	0	1·2	0·79	+0·70	2	+1·8	0·48
	November	30·019	+·019	N 65 W	4·2	73·6	66·6	83·4	—0·4	88·8	71·2	—3·2	64·3	68	+2	1·8	1·55	+1·22	2	+1·3	1·45
	December	30·094	+·029	N 85 W	3·5	66·3	60·3	76·2	—1·6	79·4	64·0	—5·3	61·1	69	+2	1·2	0	—0·59	0	—1·4	0
	Year	29·798	—·009	..	5·3	80·2	71·4	88·5	+2·1	110·5	77·2	—0·9	61·1	64	—3	2·3	4·34	+0·17	10	+1·2	1·45

MONTHLY AND ANNUAL TABLE B FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	5	6	7	18	19	20	21	22
Bushire (Persia) (14).	January	30·087	+·009	N 28 W	7·3	55·5	52·7	63·8	—0·4	73·2	52·0	+0·7	45·0	82	—2	4·8	5·51	+2·78	5	+0·4	3·80
	February	29·982	—·037	N 64 W	6·7	56·0	52·2	65·3	0	76·9	51·8	—0·9	42·8	77	—5	4·2	0·40	—1·54	2	—1·7	0·22
	March	29·956	+·008	N 45 W	6·5	65·8	60·9	74·7	+2·5	88·4	62·3	+3·4	51·6	77	—3	6·9	1·40	+0·43	6	+4·0	0·54
	April	29·831	—·021	N 41 W	9·4	71·2	64·6	78·0	—3·1	92·8	65·1	—2·0	59·4	69	+2	3·3	0·76	+0·25	4	+2·7	0·32
	May	29·731	—·013	N 54 W	(b) 8·0	82·3	75·5	88·0	—0·9	99·3	76·1	+0·4	69·9	72	+9	1·6	0	—0·02	0	0	0
	June	29·575	+·037	N 50 W	8·1	87·1	78·9	93·0	+1·3	108·1	81·6	+1·0	72·0	69	+3	0	0	0	0	0	0
	July	29·424	—·015	N 54 W	7·6	90·2	79·4	95·8	+0·7	101·4	85·3	+1·0	79·0	62	—7	0·5	0	0	0	0	0
	August	29·488	—·015	N 59 W	9·9	87·8	80·1	92·7	—3·9	98·7	83·5	—0·4	76·5	70	0	0·2	0	0	0	0	0
	September	29·719	+·035	N 28 W	4·8	84·3	75·6	92·5	—1·3	99·1	77·6	—1·6	73·0	66	—2	0·1	0	0	0	0	0
	October	29·902	+·002	N 14 W	5·0	77·4	69·9	86·9	—0·7	93·4	72·2	+0·9	63·5	67	+1	1·2	0·25	+0·17	1	+0·8	0·25
	November (c)	30·042	+·047	N 33 W	(d) 3·6	62·8	58·5	74·6	—3·4	81·3	60·5	—1·8	55·0	76	+2	2·3	3·60	+2·18	5	+2·7	1·95
	December	30·107	+·024	N 8 E	4·5	58·6	55·8	69·4	+1·1	76·5	56·0	+1·2	50·8	83	+1	4·1	3·33	+0·32	3	—1·1	2·30
	Year	29·820	+·005	..	6·8	73·3	67·0	81·2	—0·7	108·1	68·7	+0·2	42·8	73	+1	2·4	15·25	+4·57	26	+7·8	3·80
Ispahan (Persia) (a) (5,817).	January	24·211	—·008	N 67 W	0·9	27·5	..	46·1	—1·3	56·0	24·7	+0·3	16·0	..	..	2·4	0·73	+0·08	2	+0·2	0·30
	February	24·119	—·067	N 81 W	2·9	33·1	..	52·0	—1·3	62·0	30·0	+1·4	19·0	..		0	0·54	+0·09	2	+0·6	0·29
	March	24·214	+·008	S 78 W	4·0	43·4	(c) 39·6	64·1	+2·9	79·0	39·0	+2·3	32·0	(c) 68	+3	1·6	0·60	—0·33	3	+0·2	0·22
	April	24·162	—·124	S 62 W	3·8	49·1	42·8	67·7	—3·7	80·0	42·9	—3·0	38·0	60	—2	2·1	1·20	+0·59	3	+0·6	0·53
	May	24·257	—·056	N 83 W	2·0	62·9	(b) 54·3	80·7	—1·7	88·0	54·4	0	44·1	(b) 57	—1	1·1	0·83	+0·63	3	+2·3	0·35
	June	24·205	—·021	N 64 W	1·6	68·9	58·1	86·9	—6·4	95·4	60·8	—1·8	55·2	51	+1	0·1	1·08	+1·06	3	+2·9	0·64
	July	24·150	—·017	N 45 E	1·8	73·9	64·4	94·5	—3·2	98·4	65·6	—1·3	60·2	63	+13	0·2	0	—0·02	0	—0·1	0
	August	24·115	—·108	N 57 W	1·9	72·7	59·8	94·7	—1·0	99·0	65·7	+2·0	59·0	45	—5	0·7	0	—0·01	0	0	0
	September	24·311	+·001	N 45 E	1·5	62·0	50·6	84·9	—4·7	96·4	54·7	—2·0	48·2	42	..	0·2	0	—0·03	0	—0·1	0
	October	24·341	—·066	S 72 W	0·9	56·4	46·0	77·2	—0·1	86·4	49·7	+3·1	38·2	45	—13	1·5	0·17	+0·03	1	+0·6	0·15
	November	24·351	+·045	Calm	0·7	37·0	(u) 36·8	61·2	—2·4	71·4	34·1	—2·6	27·2	(u) 63	..	1·2	0·12	—0·46	1	—0·4	0·12
	December	24·308	+·051	N	1·2	33·2	..	54·2	+3·4	64·4	31·2	+2·9	22·2	..	..	3·9	0·33	—0·54	1	—0·9	0·25
	Year	24·229	—·030	..	1·9	51·7	(t) 51·9	72·0	—1·6	99·0	46·1	+0·1	16·0	(t) 54	—8	1·3	5·60	+1·09	18	+5·9	0·64

(a) Aneroid.
(b) Mean of 30 days.
(c) Mean of 29 days.
(d) Mean of 28 days.
(t) Mean of 8 months.
(u) Mean of 11 days.

MONTHLY AND ANNUAL TABLE B FOR 1923—*contd.*

Abstract of 8 hrs. observations.

Station and height of barometer cistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Tehran (*a*) (Persia) (4,002).	January (*d*)	25·741	—·081	N 36 E	3·4	30·0	..	36·1	—8·4	45·7	27·3	—0·1	21·0	..	..	1·3	8·70	+7·05	9	+4·7	2·20
	February	25·604	—·178	N 31 E	5·2	35·5	(*s*) 35·1	47·6	—2·6	59·0	31·2	—0·4	19·6	(*s*) 70	..	4·4	3·44	+2·30	7	+3·6	1·00
	March	25·676	—·076	N 36 E	5·3	46·3	(*s*) 41·4	60·4	—1·3	68·0	42·0	+2·7	33·0	(*s*) 64	—3	5·5	2·41	+0·45	6	+0·5	0·74
	April (*e*)	25·615	—·197	N 56 E	5·4	51·4	44·7	64·6	—6·1	79·0	44·9	—3·8	32·0	59	+1	4·6	1·71	+0·34	4	+0·5	0·47
	May	25·665	—·117	N 47 E	5·4	65·7	55·9	80·2	—2·1	87·2	59·9	+1·6	52·3	53	+4	3·5	0·20	—0·37	0	—2·2	0·08
	June	25·625	—·047	S 87 E	4·8	69·1	60·1	85·3	—8·0	92·5	64·1	—2·3	58·1	59	+16	2·1	0·28	+0·20	2	+1·7	0·15
	July	25·577	—·045	N 83 E	4·0	75·4	64·1	92·4	—6·6	95·5	71·7	0	69·1	59	+14	1·9	0	—0·15	0	—0·4	0
	August	25·539	—·143	N 35 E	4·0	72·8	61·7	91·1	—5·8	95·0	69·7	—1·3	58·0	53	+10	2·1	0·22	+0·18	1	+0·8	0·20
	September	25·761	—·041	N 51 E	3·6	62·0	52·7	80·5	—9·1	91·5	59·8	—3·8	52·1	54	+9	2·1	0·47	+0·39	1	+0·7	0·35
	October	25·750	—·192	N 45 E	4·7	56·2	47·9	74·5	—1·7	81·5	53·7	+1·1	42·1	53	+3	1·8	0·76	+0·44	2	+1·0	0·35
	November	25·829	—·033	N 21 E	3·7	42·9	(*h*) 37·4	60·5	—2·3	68·5	40·7	—2·1	36·1	(*h*) 55	—8	2·1	0·28	—0·60	1	—1·5	0·28
	December	25·827	—·045	N 19 E	3·3	35·1	(*r*) 35·1	49·4	—1·1	62·5	33·0	—0·2	27·1	(*r*) 80	+3	4·3	1·45	+0·22	4	+0·2	0·89
	Year	25·684	—·098	..	4·4	53·5	48·7*	68·5	—4·4	95·5	49·9	—0·6	19·6	60*	+2	3·0	19·92	+10·45	87	+9·6	2·20
Baghdad (Iraq) (106).	January	30·106	+·100	N 83 W	..	41·4	(*c*) 41·1	58·4	—0·7	62·5	39·0	+0·2	29·8	(*c*) 92	+14	4·4	0·34	—0·83	1	—1·7	0·29
	February	29·970	+·039	N 51 E	..	46·7	45·4	61·3	—3·5	73·3	43·1	+0·3	31·9	90	+16	4·8	2·54	+1·22	4	+1·4	1·49
	March	29·951	+·087	N 10 W	..	55·4	51·8	71·5	—1·3	81·1	49·6	—0·1	38·1	77	+10	3·8	0·16	—1·18	1	—2·4	0·13
	April	29·828	+·064	N 7 E	..	63·7	56·1	79·7	—3·0	96·1	55·1	—3·2	42·6	61	+1	2·9	0·54	—0·39	1	—1·2	0·41
	May	29·750	+·069	N 7 W	..	80·4	64·5	97·8	+4·0	108·1	68·9	+0·8	62·1	38	—12	2·7	0·01	—0·22	0	—0·7	0·01
	June	29·631	+·103	N 1 W	..	87·5	67·1	105·3	+1·1	114·8	75·3	—0·6	70·2	31	—6	1·1	0·02	+0·02	0	0	0·02
	July	29·478	+·078	N 13 W	..	88·6	67·9	110·1	+0·9	116·8	77·2	—2·3	71·3	31	—5	0·3	0	0	0	0	0
	August	29·520	+·065	N 22 W	..	85·5	67·4	106·1	— 3·7	115·8	74·5	—4·5	64·9	35	—5	0·3	0	—0·03	0	—0·1	0
	September	29·703	+·060	N 22 W	..	80·9	65·6	104·5	+1·2	110·6	68·6	—3·9	52·7	41	—2	0·7	0	—0·01	0	0	0
	October	29·917	+·095	N 7 W	..	69·7	57·9	92·1	—0·4	102·5	60·7	—2·6	44·8	45	—6	2·4	0·03	—0·05	0	—0·3	0·02
	November	30·065	+·116	N 39 W	..	52·8	48·0	77·6	+2·3	8·9	45·5	—5·3	36·9	68	+2	2·3	0·02	—0·73	0	—1·5	0·22
	December	30·113	+·096	N 6 W	..	47·3	45·9	65·5	+2·8	73·9	43·9	+1·5	32·7	89	+12	4·7	0·92	—0·31	3	—0·1	0·41
	Year	29·836	+·081	..	..	66·7	56·6	85·8	—0·1	111·8	58·5	—1·6	29·8	58	+1	2·5	4·58	—2·51	10	—6·6	1·49

(*a*) Aneroid.
(*d*) Mean of 30 days.
(*e*) Mean of 15 days.
(*h*) Mean of 26 days.
(*r*) Mean of 16 days.
(*c*) Mean of 29 days.
* Mean of 11 months.

MONTHLY AND ANNUAL TABLE B FOR 1923—*concld.*

Abstract of 8 hrs. observations.

Station and height of barcistern above sea level.	Month.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Aden (Arabia) (94).	January	29·904	—·012	N 43 E	9·5	74·5	68·9	79·6	—0·3	81·2	72·1	—0·5	68·7	74	—2	5·5	0	—0·32	0	—0·8	0
	February	29·846	—·040	N 34 E	9·7	75·3	71·0	79·5	—1·3	82·6	73·4	+0·1	70·5	80	+3	6·9	0	—0·10	0	—0·4	0
	March	29·841	+·014	N 40 E	13·9	76·9	71·2	82·0	—1·4	87·8	75·4	+0·1	72·3	74	—3	6·9	0	—0·48	0	—0·6	0
	April	29·738	—·033	N 48 E	11·6	80·7	74·6	87·0	—1·2	93·8	77·6	—0·4	69·1	72	—4	4·9	0·50	+0·32	1	+0·7	0·50
	May	29·715	+·012	N 43 E	7·9	83·7	78·6	90·9	—1·8	93·4	80·9	—0·6	71·1	79	+3	5·3	1·00	+0·87	1	+0·7	1·00
	June	29·643	+·056	N 88 E	3·6	88·0	79·5	94·6	—0·3	96·2	84·7	+0·6	82·1	68	—4	2·8	0	—0·06	0	—0·1	0
	July	29·563	+·012	S 39 E	7·5	84·3	77·4	92·9	—0·6	108·8	81·4	—1·3	76·7	72	0	4·7	0·12	+0·09	1	+1·0	0·12
	August	29·596	+·018	S 28 E	5·7	79·4	74·0	89·3	—2·8	96·0	75·8	—4·9	70·7	76	+2	4·5	0	—0·12	0	—0·3	0
	September	29·678	+·013	N 54 E	7·9	84·7	78·8	93·0	—0·2	97·0	82·3	—0·1	78·1	77	0	4·4	0	—0·15	0	—0·3	0
	October	29·817	+·014	N 41 E	9·6	80·9	74·6	90·1	+0·5	94·8	78·3	+0·4	74·7	74	+2	3·8	0	—0·09	0	—0·2	0
	November	29·893	+·015	N 41 E	12·3	76·5	71·1	85·4	+0·7	89·8	74·2	—0·4	69·7	76	+3	4·3	0	—0·08	0	—0·1	0
	December	29·924	+·005	N 51 E	7·6	75·6	70·0	82·8	+1·7	85·0	73·7	+0·6	70·1	74	0	5·7	0·07	—0·04	0	—0·2	0·03
	Year	29·763	+·006	..	8·9	80·0	74·1	87·3	—0·5	108·8	77·5	—0·5	68·7	75	0	5·0	1·69	—0·25	3	—0·6	1·00
Zanzibar (East Africa) (72).	January	29·832	—·089	N 41 E	2·0	81·9	77·1	85·5	—0·7	87·1	79·1	—0·4	76·2	80	—1	5·8	3·99	+1·16	10	+5·1	0·96
	February	29·808	—·035	N 22 E	5·1	82·7	77·7	86·7	—0·2	89·3	80·8	+0·9	77·5	79	0	7·6	0·98	—1·22	2	—1·6	0·48
	March	29·835	—·003	S 68 E	3·4	83·0	77·6	87·4	+0·6	90·2	80·4	+1·0	73·9	78	—4	5·4	3·51	—2·55	5	—3·4	1·03
	April	29·828	—·035	S 25 W	4·1	79·5	76·6	83·6	—0·9	87·9	77·2	—0·2	73·7	87	+1	7·9	22·06	+7·99	17	+1·9	6·80
	May	29·881	—·047	S 17 W	5·9	78·8	74·9	83·9	+1·1	86·9	77·3	+1·5	73·9	82	—4	7·0	1·68	—8·86	3	—8·5	1·29
	June	30·007	+·015	S 27 W	5·6	76·6	73·0	82·4	+0·6	83·9	74·7	+0·5	73·1	83	—1	5·9	1·32	—0·59	4	+0·6	0·56
	July	30·001	—·018	S 21 W	5·3	75·5	72·3	81·6	+0·9	82·9	74·0	+1·2	70·8	85	0	7·0	2·39	+0·03	3	—1·9	1·81
	August	30·031	+·018	S 15 W	4·2	75·0	71·5	80·1	—1·0	82·3	72·5	—0·2	69·5	83	—1	7·1	3·93	+2·26	10	+5·8	1·03
	September	29·990	—·003	S 24 W	3·6	76·7	72·2	82·4	0	85·1	73·4	—0·2	71·8	79	—4	6·5	0·64	—1·47	3	—2·0	0·15
	October	29·953	+·005	S 13 W	3·8	78·5	74·0	84·0	+0·6	86·2	75·5	+0·3	74·2	80	—2	7·4	1·30	—2·30	5	—0·8	0·42
	November	29·890	—·001	S 35 E	2·2	80·9	76·4	84·5	0	87·1	77·4	+0·1	75·4	80	—2	6·7	8·43	+0·90	11	+0·4	2·12
	December	29·848	—·007	N 29 E	4·3	81·8	77·3	86·3	+0·4	89·0	79·7	+0·5	76·9	81	0	6·7	7·12	+1·82	9	+0·7	2·36
	Year	29·909	—·017	..	4·1	79·2	75·1	84·0	+0·1	90·2	76·8	+0·4	69·5	81	—2	6·7	57·35	—2·83	82	—3·7	6·80

Table C.—Abstract of observations taken at 8 hrs. at 33 fourth class stations, in the year 1923.

MONTHLY AND ANNUAL TABLE C FOR 1923.

Abstract of 8 hrs. observations.

STATION.	Month.	Wind. Resultant direction.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Bishnath (Assam)	January	..	..	50·2	48·4	76·5	+2·6	81·3	34·3	—12·3	29·3	87	—4	..	0	—0·82	0	—1·9	0
	February	..	..	57·8	56·0	75·4	0	80·1	41·4	—9·2	36·9	88	—3	..	3·56	+1·92	6	+1·9	1·00
	March	..	..	66·1	64·3	88·1	+6·1	98·9	47·3	—9·6	37·3	90	+2	..	0·07	—2·88	0	—5·7	0·07
	April	..	..	72·0	70·2	87·4	+4·6	98·3	56·4	—7·0	53·1	91	0	..	6·12	—0·83	14	+1·6	1·00
	May	..	..	75·4	73·7	87·8	+0·6	92·9	60·4	—8·3	56·1	92	+1	..	13·56	+2·60	21	+5·9	1·60
	June	..	..	79·3	77·5	90·8	+1·1	98·3	64·2	—9·4	60·3	91	—2	..	17·40	+1·86	16	—1·4	3·20
	July	..	..	79·8	78·0	91·2	+1·0	94·5	66·2	—8·3	63·9	91	—3	..	11·67	—8·42	23	+3·3	1·75
	August	..	..	80·4	78·6	92·9	+2·6	98·1	65·1	—9·4	60·9	91	—3	..	12·15	—6·73	15	—3·6	3·15
	September	..	..	78·0	76·2	89·5	—0·2	95·1	64·3	—9·4	61·9	91	—3	..	12·81	+0·51	21	+5·6	2·20
	October (*b*)	..	..	72·7	70·9	88·0	+1·4	92·9	55·9	—11·3	47·1	90	0	..	4·07	—1·28	7	—0·9	1·10
	November									Closed from 1st November.									
	December									Ditto.									
	Year *	..	..	71·2	69·4	86·8	+2·0	98·9	55·5	—9·4	29·3	90	—1	..	81·41	—14·07	123	+4·8	3·20
Borjoli (Assam)	January	..	..	59·2	55·4	91·7	+16·2	94·2	45·3	—2·0	40·8	77	—10	..	0	—0·64	0	—1·7	0
	February	..	..	61·2	58·1	93·9	+16·4	95·2	53·3	+3·1	47·6	82	—3	..	3·09	+1·72	5	+1·6	0·95
	March	..	..	69·9	65·7	94·8	+10·3	96·2	57·9	+0·5	46·8	79	—1	..	0·17	—1·94	1	—3·9	0·15
	April	..	..	73·7	70·1	97·4	+11·5	99·2	67·2	+2·9	62·8	83	—1	..	3·15	—2·43	10	—1·0	0·68
	May	..	..	75·5	72·9	98·5	+9·3	100·2	70·5	+0·7	66·6	87	+2	..	8·78	—0·50	18	+3·8	1·33
	June	..	..	79·5	76·5	97·5	+6·8	99·4	74·1	0	68·8	86	—3	..	13·39	—2·04	16	—1·1	2·45
	July	..	..	80·3	77·5	96·0	+5·1	98·0	75·8	+0·7	72·6	87	—3	..	6·95	—12·63	13	—6·7	2·00
	August	..	..	82·4	78·3	97·8	+6·5	100·0	76·3	+1·2	73·0	82	—8	..	3·77	—10·45	5	—11·1	1·18
	September	..	..	78·5	75·9	97·1	+6·3	98·4	74·2	+0·3	71·6	88	0	..	18·01	+6·35	23	+8·1	3·80
	October	..	..							Closed from 1st October.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year †	..	..	73·4	70·0	96·1	+9·8	100·2	66·1	+0·8	40·8	83	—3	..	57·31	—22·56	91	—12·0	3·80
Chandkhira (Assam)	January	..	..	52·3	51·6	81·9	+2·3	90·3	39·8	—8·1	30·7	97	+2	..	0	—0·99	0	—1·5	0
	February	..	..	55·9	55·1	79·9	—2·5	99·8	43·4	—6·9	30·6	96	+3	..	1·30	—0·65	5	+1·9	0·42
	March	..	..	64·7	61·6	93·3	+5·2	100·0	46·1	—11·7	30·9	85	—3	..	0·79	—3·48	3	—2·4	0·30
	April	..	..	73·1	68·5	92·0	+2·4	100·1	57·6	—8·0	50·6	77	—11	..	24·43	+13·75	17	+4·6	3·44
	May	..	..	75·3	71·2	89·8	—0·6	100·0	61·9	—7·4	60·1	83	—4	..	14·58	—0·28	19	+3·6	1·96
	June	..	..	76·4	73·4	88·3	—2·9	99·8	65·4	—7·0	60·5	88	—2	..	31·09	+8·74	23	+1·1	6·25
	July	..	..	79·7	73·2	90·1	—1·2	99·6	70·2	—3·2	70·1	73	—17	..	14·42	—3·60	25	+2·7	1·50
	August	..	..	78·4	74·0	91·7	+0·4	100·0	68·1	—5·3	61·0	84	—6	..	18·96	+4·34	23	+1·6	2·30
	September	..	..	76·5	72·9	90·4	—1·2	99·9	64·6	—8·2	60·7	85	—5	..	13·14	+2·03	17	+0·7	2·85
	October	..	..							Closed from 1st October.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year †	..	..	70·3	66·8	88·6	+0·2	100·1	57·5	—7·3	30·6	85	—5	..	118·71	+19·86	132	+12·3	6·25

(*b*) Mean of 30 days. † Mean of 9 months. * Mean of 10 months.

MONTHLY AND ANNUAL TABLE C FOR 1923—*contd.*

Abstract of 8 hrs. observations.

STATION.	Month.	Wind. Resultant direction.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount of 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Doom Dooma (Assam)	January	..	..	49·9	49·4	76·0	+5·0	81·5	47·1	+0·4	42·2	96	+2	..	0·13	—1·23	1	—2·2	0·13
	February	..	..	56·0	55·2	73·2	+2·7	81·7	52·6	+1·6	47·2	95	+2	..	3·52	+0·65	9	+1·4	0·94
	March	..	..	63·3	60·9	85·4	+8·1	96·3	57·7	+0·1	46·2	87	—3	..	0·83	—4·70	3	—7·4	0·83
	April	..	..	70·8	68·4	83·8	+3·3	97·3	65·8	+3·1	61·4	88	—1	..	6·28	—3·57	13	—2·0	1·64
	May	..	..	74·9	72·3	84·4	—3·1	94·3	70·7	+1·6	65·6	89	+1	..	12·41	+3·03	18	+5·4	2·50
	June	..	..	79·1	76·0	91·1	+0·9	99·5	74·5	+0·2	69·6	87	—4	..	20·10	+3·29	15	—3·1	8·77
	July	..	..	79·6	77·6	90·8	+0·8	98·3	75·9	+0·1	70·6	91	—1	..	26·63	+7·27	21	0	3·83
	August	..	..	79·6	77·2	94·3	+3·8	101·3	75·7	+0·1	71·6	90	—3	..	18·14	+2·23	17	—0·4	3·60
	September	..	..	77·1	75·6	88·0	—1·9	97·3	74·0	0	71·2	93	+1	..	13·04	+2·41	19	+4·7	3·31
	October									Closed from 1st October.									
	November									Ditto.									
	December									Ditto.									
	Year *	..	..	70·0	68·1	85·2	+2·2	101·3	66·0	+0·8	42·2	91	—1	..	101·08	+9·38	116	—3·6	8·77
Dikom (Assam)	January	..	..	51·7	49·7	75·8	+2·8	80·4	46·1	0	39·2	88	—6	..	0·11	—1·12	1	—2·4	0·11
	February	..	..	57·1	55·8	72·7	—0·6	81·2	53·4	+1·9	49·0	92	—1	..	5·15	+2·64	9	+2·3	1·15
	March	..	..	64·5	61·0	85·1	+6·3	96·4	57·7	—0·2	46·4	81	—7	..	0·04	—4·85	0	—9·6	0·04
	April	..	..	70·9	67·8	83·4	+2·7	96·4	66·0	+2·2	62·2	84	—4	..	5·88	—3·66	11	—2·6	1·54
	May	..	..	74·3	72·2	82·9	—3·6	93·8	70·6	+0·4	67·2	90	+4	..	15·22	+4·21	20	+5·9	3·05
	June	..	..	79·1	76·0	90·3	+0·9	99·6	74·7	—0·3	71·0	87	—2	..	16·02	—1·21	19	+0·2	2·30
	July	..	..	79·3	77·3	89·3	—0·1	96·2	76·3	+0·2	74·2	91	—1	..	33·73	+12·35	22	0	4·05
	August	..	..	81·0	77·9	93·1	+2·6	99·4	76·2	0	72·8	86	—6	..	13·24	—5·25	11	—7·4	3·30
	September	..	..	77·4	75·6	86·7	—1·9	95·0	74·3	—0·4	71·2	92	+1	..	19·93	+8·89	20	+5·6	3·30
	October	..	..							Closed from 1st October.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year *	..	..	70·6	68·2	84·4	+1·1	99·6	66·1	+0·4	39·2	88	—2	..	109·42	+12·0	113	—8·0	4·05
Golaghat (Assam)	January	..	..	54·2	53·1	74·1	+3·6	79·9	43·7	—4·5	39·2	92	0	..	0	—0·84	0	—2·6	0
	February	..	..	57·8	56·9	72·5	+0·1	79·9	49·0	—2·6	43·2	94	+1	..	2·20	+0·61	6	+1·4	0·94
	March	..	..	62·8	61·8	85·5	+7·0	96·9	53·8	—4·3	45·2	94	+5	..	0·61	—2·40	2	—4·8	0·44
	April	..	..	69·8	68·9	82·8	+1·6	92·9	63·0	—1·4	59·2	95	+5	..	9·01	+2·00	15	+1·8	1·74
	May	..	..	74·2	73·3	84·2	—0·9	94·9	67·5	—2·4	62·2	95	+6	..	14·32	+6·33	21	+8·3	2·64
	June	..	..	77·6	76·7	87·0	—1·2	93·9	70·8	—3·9	65·2	95	+6	..	13·19	+2·84	17	+1·4	2·82
	July	..	..	79·2	78·2	89·4	+0·7	92·9	72·9	—2·2	71·2	95	+4	..	6·98	—6·47	14	—4·4	1·46
	August	..	..	78·7	77·8	90·0	+1·5	94·5	71·9	—3·8	66·2	95	+4	..	10·13	—2·48	17	+0·9	2·87
	September	..	..	77·3	76·4	86·3	—1·2	89·9	70·8	—2·5	68·2	95	+4	..	14·09	+5·58	20	+6·8	2·71
	October	..	..							Closed from 1st October.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year *	..	..	70·2	69·2	83·5	+1·2	96·9	62·6	—3·3	39·2	94	+4	..	70·63	+5·17	112	+8·8	2·87

* Mean of 9 months.

MONTHLY AND ANNUAL TABLE C FOR 1923—*contd.*

Abstract of 8 hrs. observations.

STATION.	Month.	Wind. Resultant direction.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Hailakandi (Assam)	January	..	..	56·1	55·2	80·3	+2·5	84·6	51·3	+0·8	46·4	94	0	..	0	—1·08	0	—1·4	0
	February	..	..	60·5	59·2	78·1	—1·8	87·4	55·6	+2·4	45·0	92	+3	..	1·82	—0·05	7	+3·3	0·32
	March	..	..	67·2	63·0	90·2	+4·5	96·8	59·7	—1·3	48·2	78	—7	..	1·10	—4·99	2	—5·6	0·92
	April	..	..	74·2	70·8	87·4	+0·1	94·6	69·2	+1·8	63·2	84	0	..	26·05	+12·80	15	+0·8	4·00
	May	..	..	77·9	74·3	89·7	+0·1	95·0	72·5	+0·5	68·2	85	0	..	20·92	+5·09	21	+5·2	2·66
	June	..	..	79·3	76·8	86·9	—2·7	97·6	75·3	+0·1	68·6	89	+1	..	32·76	+11·60	22	+1·4	5·32
	July	..	..	81·8	78·6	90·4	+0·5	94·6	77·1	+0·7	72·2	86	—3	..	12·83	—8·00	19	—3·7	1·95
	August	..	..	80·9	78·3	90·9	+1·4	96·6	76·9	+0·9	75·2	89	—1	..	16·25	—1·23	21	—1·4	2·35
	September	..	..	79·4	77·5	89·2	—0·7	94·0	76·4	+0·8	72·6	91	+2	..	11·56	—1·77	18	+2·2	3·30
	October	..	..							Closed from 1st October.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year *	..	..	73·0	70·4	87·0	+0·4	97·6	68·2	+0·7	45·0	88	—1	..	122·01	+12·37	125	+0·8	5·32
Jorehat (Assam)	January	..	..	56·6	55·0	74·5	+1·6	79·9	..	..	..	91	—4	..	0	—0·92	0	—2·1	0
	February	..	..	59·1	(g) 57·1	74·1	—0·2	79·9	..	..	..	(g) 87	—6	..	2·96	+0·99	7	+2·2	1·20
	March	..	..	65·4	62·1	81·9	+1·7	89·9	..	..	..	83	—3	..	0·68	—2·84	2	—5·2	0·60
	April	..	..	72·4	67·9	82·7	+1·1	89·9	(l) 69·7	+3·9	66·3	79	—8	..	9·77	+1·06	13	—1·5	1·90
	May	..	..	75·3	72·6	85·1	—1·3	91·9	..	..	..	88	+2	..	13·07	+2·83	21	+7·5	2·60
	June	..	..	77·7	(d) 74·4	89·2	—0·6	97·9	(f) 72·1	—3·5	70·3	(d) 86	0	..	19·26	+7·16	19	+1·9	3·25
	July	..	..	82·6	79·1	91·1	+1·2	95·9	76·8	+0·4	74·3	85	—4	..	15·15	—0·84	23	+4·1	3·25
	August	..	..	81·3	75·5	90·6	+0·9	95·9	73·4	—2·9	60·3	76	—13	..	14·72	—0·99	19	+1·0	3·90
	September	..	..	78·0	75·7	(n) 84·9	—4·0	90·9	(d) 68·4	—7·1	60·2	90	—1	..	16·56	+6·25	21	+7·3	4·60
	October									Closed from 1st October.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year *	..	..	72·0	68·8	83·8	0	97·9	72·1†	—1·8†	60·3	85	—4	..	92·17	+12·70	125	+15·2	4·60
Lumding (Assam)	January	..	..	50·9	50·3	75·8	+1·3	82·1	46·9	—1·0	43·0	96	+1	..	0	—0·42	0	—0·9	0
	February	..	..	57·5	56·2	76·9	—1·1	82·1	52·0	+1·7	44·0	93	+2	..	0·96	—0·93	2	—1·7	0·41
	March	..	..	63·3	59·4	89·2	+4·1	90·1	55·8	—1·7	46·0	80	—3	..	0·36	—2·22	2	—3·0	0·24
	April	..	..	72·6	69·2	88·9	+1·8	95·1	66·5	+2·0	61·0	84	+4	..	3·58	—0·54	8	—1·6	1·08
	May	..	..	77·0	74·1	88·6	—1·5	95·1	72·1	+1·5	67·0	87	+5	..	8·40	+2·66	16	+6·3	2·72
	June	..	..	78·0	75·7	88·5	—2·3	95·1	74·7	+0·3	72·0	90	+8	..	12·98	+5·03	16	+4·0	2·49
	July	..	..	81·7	77·2	92·2	+0·9	96·1	77·4	+2·3	75·5	81	—4	..	2·75	—5·86	6	—7·0	0·71
	August	..	..	79·3	77·3	91·1	+0·4	96·1	76·7	+0·4	76·0	91	+4	..	5·37	—2·00	10	—1·4	1·17
	September	..	..	78·9	76·9	89·4	—0·3	94·1	75·7	+1·1	73·0	91	+2	..	2·19	—4·74	7	—3·6	0·56
	October	..	..	72·7	71·3	86·2	+0·4	92·1	68·2	—1·5	60·5	94	+3	..	2·32	—1·98	4	—1·8	1·32
	November		..	63·4	62·6	82·4	+2·2	85·1	59·6	+0·1	52·0	96	+1	..	0·07	—0·62	0	—1·4	0·05
	December	..	..	53·5	53·0	76·3	+1·7	79·1	50·4	0	45·5	97	+2	..	0·07	—0·34	0	—1·3	0·04
	Year	..	..	69·1	66·9	85·5	+0·7	99·1	64·7	+0·5	43·0	99	+2	..	39·05	—11·96	71	—13·4	2·73

(d) Mean of 28 days. (f) Mean of 26 days. (g) Mean of 25 days. (l) Mean of 29 days.
(n) Mean of 18 days. † Mean of 5 months. * Mean of 9 months.

MONTHLY AND ANNUAL TABLE C FOR 1923—*contd.*

Abstract of 8 hrs. observations.

STATION.	Month.	Wind.		Temperature.								Humidity.		Cloud.	Rainfall.				
		Resultant direction.	Mean velocity in miles per hour.	Mean 8 h.		Maximum.			Minimum.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month or year.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month or year.
				Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month or year.	Mean.	Departure from normal.	Lowest in month or year.								
1	2	3	4	5	6	7	8	9	0	11	12	13	14	15	16	17	18	19	20
Messa (Assam)	January	..	..	59·8	55·5	80·0	+1·0	83·4	45·5	—0·3	41·9	75	—1	..	0	—0·59	0	—1·3	0
	February	..	..	62·0	57·4	77·6	—2·9	84·9	51·0	+1·7	46·0	73	—4	..	2·52	+1·23	6	+2·7	0·98
	March	..	..	74·2	64·4	90·1	+3·2	100·0	55·3	—1·0	45·9	56	—17	..	0·22	—2·99	1	—4·3	0·11
	April	..	..	78·8	71·4	88·5	—0·2	98·5	66·9	+2·7	61·7	68	—8	..	7·28	+1·46	14	+2·3	1·55
	May	..	..	80·5	74·8	88·5	—3·0	97·3	71·3	+2·2	67·0	76	—1	..	10·58	+2·52	20	+6·6	1·8[illegible]
	June	..	..	84·0	77·8	90·8	—2·0	97·6	74·1	—0·3	68·7	75	—5	..	17·28	+4·06	16	—1·7	3·[illegible]4
	July	..	..	84·5	79·1	91·6	—1·6	94·7	76·1	+0·6	72·9	78	—5	..	20·90	+2·93	21	+0·8	3·[illegible]3
	August	..	..	86·5	79·9	94·3	+0·6	99·5	76·3	+0·9	71·0	76	—7	..	4·63	—12·21	10	—9·0	1·16
	September	..	..	83·7	78·2	91·0	—2·4	96·5	74·6	+0·5	71·9	77	—5	..	14·07	+3·30	16	+1·6	2·64
	October	..	..	81·5	73·9	89·6	—1·0	93·8	66·9	—1·3	60·7	68	—11	..	3·20	—1·78	4	—3·6	1·61
	November	..	..	74·9	67·6	86·7	+0·4	89·0	57·5	+0·5	50·8	67	—10	..	0	—0·51	0	—1·2	0
	December	..	..	65·9	60·4	80·6	+0·1	83·8	49·0	+2·1	44·0	71	—5	..	0·31	—0·13	1	—0·2	0·31
	Year	..	..	76·4	70·0	87·4	—0·7	100·0	63·7	+0·8	41·9	72	—6	..	80·99	—2·11	100	—7·3	3·64
Tanerikat (Assam)	January	..	..	50·8	48·9	78·0	+3·1	81·0	45·3	—1·2	35·5	87	—7	..	0	—0·37	0	—1·1	0
	February	..	..	56·5	54·6	75·3	+0·1	81·6	50·3	+1·6	43·3	88	—2	..	3·14	+1·81	5	+2·0	1·56
	March	..	..	61·5	57·2	87·4	+5·6	98·6	54·5	—0·6	44·5	77	—8	..	0·62	—2·33	1	—4·2	0·62
	April	..	..	69·9	67·4	83·0	+1·7	92·8	65·0	+3·2	59·3	88	—2	..	8·81	+1·89	11	—0·3	1·30
	May	..	..	72·6	71·2	84·8	—1·0	91·9	68·1	—0·2	62·5	93	0	..	11·19	+0·41	17	+3·1	2·53
	June	..	..	78·5	75·7	86·4	+0·5	95·1	69·8	—3·3	61·3	88	—5	..	25·27	+9·63	19	+3·6	4·70
	July	..	..	77·9	76·2	89·4	+0·8	92·9	73·6	—1·1	71·5	92	—3	..	18·58	+0·34	20	+2·5	4·45
	August	..	..	78·6	76·8	91·9	+3·1	96·7	74·4	+0·3	71·7	90	—4	..	5·43	—6·74	9	—5·0	2·32
	September (g)	..	..	75·4	74·5	86·6	—1·8	92·2	72·5	—0·5	70·9	96	+1	..	14·87	+5·02	19	+6·5	2·75
	October	..	..							Closed from 1st October.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year *	..	..	69·1	66·9	85·2	+1·3	98·0	63·7	—0·2	35·5	89	—3	..	87·91	+9·66	101	+7·1	4·70
Brahmanbaria (Bengal)	January	..	..	58·0	53·6	71·7	—7·5	74·6	49·3	—3·3	45·1	74	—7	..	0	—0·22	0	—0·7	0
	February	..	..	61·9	58·1	80·1	—1·9	84·8	54·1	—1·4	51·7	78	0	..	1·38	+0·02	4	+1·8	0·44
	March	..	..	70·4	66·1	91·1	+2·2	97·8	61·5	—2·6	55·3	78	+1	..	2·20	—1·52	2	—2·4	1·75
	April	..	..	79·6	75·2	93·9	+3·2	98·2	71·0	+1·4	62·3	80	+1	..	5·89	—1·76	6	—2·4	2·78
	May	..	..	82·2	77·3	91·9	+1·0	95·6	72·3	—1·4	66·4	79	—1	..	8·71	—3·25	12	+0·3	2·32
	June	..	..	80·5	76·6	91·3	+2·1	94·8	73·0	—2·2	68·9	83	0	..	20·61	+4·08	19	+2·6	5·69
	July	..	..	81·2	77·7	89·4	+0·5	92·6	74·6	—1·7	73·3	85	+1	..	6·90	—4·81	17	+0·7	1·97
	August	..	..	81·6	77·2	90·8	+2·0	92·0	73·8	—2·7	72·9	81	—3	..	15·72	+3·44	17	—0·2	3·75
	September	..	..	81·7	78·1	91·7	+1·7	94·8	74·6	—1·9	71·9	84	+1	..	7·03	—2·71	10	—3·1	2·10
	October	..	..	81·0	76·8	90·8	+2·1	93·3	73·1	—0·2	68·9	82	+2	..	2·80	—3·46	5	—1·9	1·48
	November	..	..	74·2	68·9	84·1	—1·6	87·6	64·9	+0·2	57·3	75	—1	..	1·35	+0·65	4	+2·9	0·52
	December (n)	..	..	67·0	62·9	79·6	..	81·2	54·0	..	51·7	71	..	..	0	..	0	..	0
	Year	..	..	74·9	70·7	87·2	+0·3	98·2	66·3	—1·3	45·1	79	—1	..	72·59	—9·85	96	—3·1	5·60

(g) Mean of 25 days. (n) Mean of 18 days. * Mean of 9 months.

MONTHLY AND ANNUAL TABLE C FOR 1923—*contd.*

Abstract of 8 hrs. observations.

STATION.	Month.	Wind. Resultant direction.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Goalundo (Bengal)	January	..	..	59·1	55·8	78·1	+4·7	83·5	49·2	—1·7	44·0	80	0	..	0	—0·21	0	—0·7	0
	February	..	..	64·8	61·8	79·3	—2·6	88·1	56·0	+2·6	47·2	84	+8	..	1·74	+0·35	4	+1·6	0·55
	March	..	..	73·5	67·4	92·1	+1·3	100·1	61·0	—0·9	46·2	72	—2	..	0·12	—2·21	1	—2·8	0·12
	April	..	..	81·0	76·8	94·1	—0·5	100·7	72·1	+1·0	64·0	83	+5	..	5·81	+1·54	10	+3·9	1·15
	May	..	..	83·0	78·7	93·7	+0·8	100·1	72·7	—1·1	62·8	82	+2	..	14·19	+5·90	14	+4·1	2·79
	June	..	..	84·2	81·0	90·9	+1·0	101·5	77·9	+1·6	73·0	86	+1	..	3·13	—9·71	8	—8·4	0·77
	July	..	..	82·7	79·9	87·7	—0·7	90·5	77·4	+0·1	75·0	88	+2	..	9·45	—2·25	16	—0·5	1·43
	August	..	..	81·7	79·0	86·5	—1·0	90·1	77·3	—0·3	75·0	88	+3	..	8·92	—2·95	20	+3·1	2·10
	September	..	..	84·1	80·2	89·8	+0·3	92·9	77·4	—0·1	72·0	84	+2	..	6·56	—2·21	10	—2·0	1·30
	October	..	..	81·0	75·8	88·5	—0·9	94·1	71·1	—2·0	63·4	78	+1	..	1·50	—4·11	4	—2·1	0·75
	November	..	..	71·7	67·6	83·4	—1·3	87·1	62·6	—0·1	50·4	80	+4	..	0·32	—0·25	1	+0·4	0·32
	December	..	..	62·5	59·3	78·8	+0·8	82·9	53·3	+1·3	44·0	82	+4	..	0·02	—0·21	0	—0·4	0·02
	Year	..	..	75·8	71·9	86·9	+0·1	101·5	67·3	0	44·0	82	+2	..	51·76	—16·32	88	—3·8	2·79
Pabna (Bengal)	January	..	..	58·7	54·8	79·2	0	85·0	51·4	—1·4	45·6	77	—5	..	0	—0·29	0	—0·6	0
	February	..	..	64·3	60·9	80·0	—2·8	87·3	57·4	+1·5	50·4	82	+5	..	2·38	+1·31	4	+2·3	0·80
	March	..	..	73·2	68·0	92·2	+1·0	99·2	64·4	+0·6	55·0	76	+1	..	0·49	—0·88	1	—1·7	0·41
	April	..	..	81·4	77·4	96·3	+0·4	101·4	73·8	+2·5	67·1	83	+4	..	1·88	—1·00	6	+1·3	0·62
	May	..	..	84·0	78·2	95·9	+1·2	102·6	74·8	+0·2	70·6	76	—6	..	5·97	—1·11	12	+2·9	1·72
	June	..	..	84·0	80·6	93·3	+2·0	104·0	76·9	+1·9	71·8	86	0	..	6·08	—5·71	10	—4·6	1·73
	July	..	..	83·3	80·0	89·4	—1·0	94·4	73·9	—2·4	69·7	86	—1	..	8·68	—3·10	12	—4·7	2·27
	August	..	..	82·1	79·1	88·2	—1·9	91·2	72·9	—3·4	70·0	87	0	..	14·31	+4·04	15	—1·0	6·94
	September	..	..	83·8	80·8	91·0	—0·6	95·5	75·1	—1·3	72·6	87	+3	..	5·42	—2·84	9	—2·3	1·17
	October	..	..	80·1	75·4	90·2	—0·9	93·7	69·4	—3·5	62·6	80	0	..	0·55	—4·88	2	—3·4	0·26
	November	..	..	70·0	66·0	85·4	—1·1	90·0	59·8	—4·0	51·8	80	+1	..	0·30	—0·25	2	+1·2	0·13
	December	..	..	61·1	58·2	81·2	+1·2	84·6	52·1	—2·4	42·8	83	+3	..	0	—0·19	0	—0·4	0
	Year	..	..	75·5	71·6	88·5	—0·2	104·0	66·8	—1·0	42·8	82	+1	..	46·06	—14·90	73	—11·0	6·94
Dam Dim (Bengal)	January	..	..	51·5	50·9	77·8	—5·2	80·6	43·6	—1·0	38·6	96	+2	..	0	—0·38	0	—0·9	0
	February	..	..	56·6	55·4	78·1	—4·7	82·4	50·0	+3·1	41·7	92	+1	..	2·18	+1·31	4	+2·0	0·81
	March	..	..	63·7	60·2	89·1	+2·5	97·9	55·6	+1·8	43·3	81	—6	..	0·92	—1·18	2	—1·8	0·77
	April	..	..	71·1	69·2	88·5	—1·1	93·9	67·8	+4·3	61·4	90	+4	..	5·71	+0·87	9	+2·1	1·59
	May	..	..	73·6	72·6	87·4	—3·7	93·1	71·3	+1·8	68·3	95	+6	..	13·90	—0·35	23	+7·6	1·84
	June	..	..	76·5	75·5	89·8	—1·4	99·5	73·9	+0·4	70·3	95	+3	..	35·89	+7·85	22	+0·4	5·04
	July	..	..	77·7	76·9	90·4	—1·2	97·7	75·2	+0·5	73·0	96	+2	..	42·90	+3·33	26	+1·3	8·29
	August	..	..	78·2	77·3	91·9	+0·5	99·3	75·8	+1·2	73·2	96	+2	..	12·70	—17·76	20	—1·9	1·62
	September	..	..	75·7	75·0	87·4	—4·0	98·6	73·2	+0·1	70·3	97	+4	..	34·07	+10·17	22	+8·6	9·49
	October	..	..							Closed from 1st October.									
	November	..	..								Ditto.								
	December	..	..								Ditto.								
	Year *	..	..	69·4	68·1	86·7	—2·0	99·5	65·2	+1·4	38·6	93	+2	..	148·27	+3·86	128	+12·6	9·49

* Mean of 9 months.

MONTHLY AND ANNUAL TABLE C FOR 1923—*contd.*

Abstract of 8 hrs. observations.

STATION.	Month.	Wind. Resultant direction.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal	Rainfall. Number of rainy days.	Rainfall. Departure from normal	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Kalchini (Bengal)	January	..	..	55·4	53·1	77·3	+1·3	81·1	46·1	+0·4	41·5	84	+10	..	0	—0·37	0	—1·0	0
	February	..	..	59·0	56·7	76·0	—1·5	82·6	50·6	+2·1	43·0	85	+12	..	1·67	+0·54	3	+0·4	0·89
	March	..	..	67·5	61·9	88·1	+4·0	98·6	56·4	+1·3	45·0	71	—2	..	0·08	—1·97	0	—3·7	0·08
	April	..	..	75·0	70·2	86·9	—0·5	94·6	67·9	+3·9	60·0	78	+2	..	6·50	+0·41	10	+0·7	2·30
	May	..	..	76·5	73·8	85·9	—2·7	92·1	70·8	+1·2	65·5	87	+7	..	22·67	+6·02	22	+6·5	3·26
	June	..	..	79·5	76·8	87·4	—1·3	95·6	74·2	+1·0	70·0	87	+3	..	25·51	—3·78	19	—1·5	5·79
	July	..	..	79·7	77·5	88·6	—0·1	94·1	75·0	+0·9	71·5	90	+4	..	57·56	+21·54	26	+3·3	11·53
	August	..	..	81·7	78·4	90·3	+1·1	94·6	75·7	+1·6	73·5	86	+2	..	11·15	—19·62	15	—5·8	2·05
	September	..	..	78·3	76·4	86·6	—2·6	93·3	73·4	+1·0	71·0	91	+7	..	28·00	+6·60	22	+5·9	3·94
	October	..	..							Closed from 1st October.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year *	..	..	72·5	69·4	85·2	—0·3	98·6	65·6	+1·5	41·5	84	+5	..	153·14	+10·27	117	+4·8	11·53
Nagrakata (Bengal)	January	..	..	64·5	58·2	76·8	+1·4	80·2	51·4	—0·1	46·0	67	—5	..	0	—0·48	0	—1·1	0
	February	..	..	63·4	58·1	75·9	—1·2	82·5	53·1	—0·4	46·0	72	+2	..	2·02	+0·91	5	+2·1	0·96
	March	..	..	76·3	63·8	88·1	+3·6	97·7	59·4	+0·9	50·0	47	—16	..	0·40	—1·79	1	—3·3	0·40
	April	..	..	77·3	71·5	87·4	+0·2	97·2	67·7	+2·6	61·0	75	+6	..	6·97	+1·33	8	—0·3	2·90
	May	..	..	77·4	73·5	85·7	—2·7	92·2	70·4	+0·5	65·0	83	+4	..	16·00	+2·28	22	+6·5	3·08
	June	..	..	79·7	76·2	86·2	—2·1	94·7	74·0	+0·3	71·0	86	0	..	27·69	—2·62	20	—2·3	5·25
	July	..	..	79·7	76·8	87·8	—0·4	91·9	74·7	—0·2	73·0	88	0	..	47·22	+9·71	30	+4·9	8·45
	August	..	..	82·7	78·5	90·1	+1·2	93·7	75·1	+0·4	70·0	83	—3	..	21·54	—9·20	24	+1·7	3·05
	September	..	..	78·3	75·8	87·5	—1·9	91·7	73·2	—0·1	70·0	89	+5	..	30·90	+7·88	27	+8·7	5·31
	October	..	..							Closed from 1st October.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year *	..	..	75·5	70·3	85·1	—0·2	97·7	66·6	+0·4	46·0	77	—1	..	152·74	+0·89	137	+1·9	8·45
Gurdaspur (Punjab)	January	..	..	46·1	43·0	63·3	..	70·2	41·7	..	31·5	77	..	6·4	3·59	..	3	..	1·89
	February	..	..	50·4	47·1	64·7	..	72·7	46·7	..	37·4	75	..	6·5	3·47	..	5	..	1·22
	March	..	..	63·1	56·7	79·6	..	93·4	53·3	..	45·3	66	..	2·8	0·68	..	1	..	0·58
	April (c)	..	..	76·6	61·8	94·3	..	104·8	61·8	..	52·5	41	..	1·6	0·47	..	1	..	0·39
	May	..	..	83·4	(b) 65·2	97·3	..	105·9	70·2	..	64·9	(b) 35	..	(d) 3·0	1·42	..	3	..	0·71
	June	..	..	91·9	71·7	105·0	..	112·2	79·1	..	68·7	35	..	1·4	0·62	..	3	..	0·32
	July	..	..	84·1	75·0	94·6	..	107·5	77·4	..	69·8	65	..	5·9	6·90	..	9	..	2·45
	August	..	..	80·1	75·1	89·1	..	98·2	75·8	..	71·7	79	..	7·3	23·99	..	16	..	6·91
	September	..	..	79·8	71·1	93·4	..	99·0	70·6	..	60·3	65	..	2·5	0·99	..	3	..	0·47
	October	..	..	70·1	59·9	87·8	..	95·4	58·9	..	51·1	52	..	1·9	0·64	..	2	..	0·48
	November	..	..	56·9	50·1	79·6	..	85·8	48·5	..	40·7	59	..	1·0	0·01	..	0	..	0·01
	December	..	..	47·8	44·3	68·1	..	72·7	43·4	..	35·5	73	..	4·7	1·47	..	4	..	0·71
	Year	..	..	69·1	60·1	84·7	..	112·2	60·6	..	31·5	60	..	3·7	44·25	..	50	..	6·9[illegible]

(b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 28 days. * Mean of 9 months.

MONTHLY AND ANNUAL TABLE C FOR 1923—*contd.*

Abstract of 8 hrs. observations.

STATION.	Month.	Wind. Resultant direction.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Bannu (N.-W. F. Province)	January	..	..	42·4	39·5	64·5	..	68·8	38·1	..	34·0	77	..	..	..	..	..	..	..
	February	..	..	46·4	43·8	67·4	..	75·8	41·6	..	36·0	81	..	..	..	..	..	..	..
	March	..	..	60·2	52·2	76·0	..	92·8	48·8	..	36·0	57	..	..	..	..	..	..	..
	April	..	..	75·8	61·7	90·7	..	103·2	54·0	..	50·0	41	..	..	..	..	..	..	..
	May	..	..	83·7	69·3	102·1	..	104·8	50·9	..	49·0	49	..	..	..	..	..	..	..
	June	..	..	91·8	74·6	106·2	..	111·8	72·8	..	49·0	45	..		..	..	..	..	..
	July	..	..	89·6	76·5	101·0	..	110·8	80·7	..	72·0	55	..	..	..	..	..	..	..
	August	..	..	85·2	(b) 77·9	96·2	..	104·8	78·7	..	72·0	(b) 71		..	..	..	..	..	..
	September	..	..	80·8	73·2	95·5	..	100·4	72·4	..	62·4	69	..	..	..	..	..	..	..
	October	..	..	71·3	62·7	85·1	..	93·8	59·8	..	49·4	60	..	..	..	..	..	..	..
	November	..	..	60·7	50·9	79·4	..	86·8	46·7	..	39·4	46	..	..	..	..	..	..	..
	December	..	..	51·9	43·0	70·6	..	74·6	36·3	..	34·2	42	..	..	..	..	..	..	..
	Year	..	..	69·9	60·4	86·2	..	111·8	56·7	..	34·0	58	..	..	..	..	..	..	..
Jandula (N.-W. F. Province)	January	..	..	47·4	40·4	60·6	..	68·5	..	..	..	51	..	..	0·59	..	4	..	0·22
	February	..	..	48·8	44·3	61·6	..	74·7	(o) 44·5	..	41·5	71	..	..	6·22	..	8	..	2·06
	March	..	..	60·7	50·8	76·2	..	94·9	57·6	..	45·7	50	..	..	0·99	..	2	..	0·82
	April	..	..	70·3	54·0	88·5	..	100·5	66·6	..	52·7	34	..	..	1·10	..	3	..	0·46
	May	..	..	75·7	59·7	94·3	..	105·7	71·8	..	60·1	39	..	..	4·37	..	4	..	2·00
	June	..	..	84·6	64·4	103·6	..	110·7	81·6	..	68·3	33	..	..	0·91	..	1	..	0·89
	July	..	..	82·1	71·9	97·5	..	105·7	78·8	..	70·5	62	..	..	2·49	..	6	..	0·73
	August	..	..	80·5	74·9	93·2	..	102·1	77·1	..	70·1	77	..	..	4·49	..	7	..	1·74
	September	..	..	79·9	62·3	94·6	..	101·1	74·9	..	68·1	35	..	..	0·10	..	0	..	0·06
	October	..	..	72·6	55·3	84·6	..	95·1	64·4	..	53·1	31	..		0	..	0	..	0
	November	..	..	59·9	45·1	77·4	..	88·1	54·4	..	46·7	26	..	..	0	..	0	..	0
	December	..	..							..	..	..	..	..	..	..	..	..	..
	Year *	..	..	69·3	56·6	84·7	..	110·7	69·7†	..	41·5	46	..	..	21·16	..	35	..	2·06
Jamshedpur (Bombay)	January	..	..	57·5	53·0	79·6	..	86·5	51·0	..	42·9	72	..	..	0	..	0	..	0
	February	..	..	63·9	59·8	81·7	..	91·2	59·9	..	51·7	78	..	..	3·82	..	5	..	2·35
	March	..	..	73·7	64·2	93·6	..	103·7	65·0	..	53·3	58	..	..	0·26	..	1	..	0·12
	April	..	..	84·6	72·5	103·9	..	109·0	74·8	..	68·9	54	..	..	0·35	..	1	..	0·28
	May	..	..	86·8	77·0	104·3	..	112·0	78·1	..	67·4	63	..	..	3·80	..	8	..	0·82
	June	..	..	86·7	77·9	102·2	..	113·5	79·7	..	72·7	68	..	..	6·37	..	9	..	1·91
	July	..	..	81·7	77·9	89·6	..	94·0	77·3	..	74·1	83	..	..	11·36	..	14	..	2·12
	August	..	..	79·8	77·1	86·7	..	92·2	76·3	..	74·3	88	..	..	29·96	..	25	..	6·33
	September	..	..	81·4	77·5	90·3	..	93·9	76·1	..	73·3	83	..	..	4·03	..	6	..	1·33
	October	..	..	75·7	70·3	88·3	..	92·3	68·3	..	59·5	75	..	..	0·81	..	3	..	0·37
	November	..	..	67·3	62·0	81·5	..	85·1	60·9	..	47·8	72	..	..	2·31	..	1	..	2·20
	December	..	..	59·7	55·8	78·7	..	83·8	52·9	..	43·8	77	..	..	0	..	0	..	0
	Year	..	..	74·9	68·7	90·0	..	113·5	68·3	..	42·9	73	..	..	68·07	..	73	..	6·33

(b) Mean of 30 days. (o) Mean of 11 days. * Mean of 11 months. † Mean of 9 months.

MONTHLY AND ANNUAL TABLE C FOR 1923—*contd.*

Abstract of 8 hrs. observations.

STATION.	Month.	Wind. Resultant direction.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Chhindwara (Central Provinces).	January	N 45 E	0·4	56·5	50·2	80·5	+1·5	84·7	50·7	+0·3	41·3	63	—7	0·9	0·05	—0·88	0	—1·2	0·05
	February	N 20 E	0·5	61·6	54·7	82·3	—0·2	88·9	54·6	+0·5	49·3	63	—1	1·8	0·10	—0·85	0	—1·9	0·06
	March	N 45 E	0·7	72·5	62·6	88·7	—2·1	100·1	62·9	+1·6	54·3	59	+7	2·3	1·92	+1·21	6	+4·3	0·70
	April	N 31 W	1·3	84·5	62·5	99·3	+1·2	106·3	71·6	+1·5	65·2	27	—14	1·6	0·85	+0·44	2	+0·9	0·57
	May	N 34 W	3·5	89·5	66·8	102·6	+0·6	108·8	77·9	+1·4	71·3	28	—16	1·0	0	—0·77	0	—1·7	0
	June	N 63 W	5·8	87·1	73·2	101·8	+8·2	111·4	80·5	+5·3	72·3	52	—17	2·3	2·65	—4·19	6	—3·3	0·99
	July	..	..							Closed from 1st July.									
	August	..	..							Ditto.									
	September	..	..							Ditto.									
	October	..	..							Ditto									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year *	..	..	75·3	61·7	92·5	+1·5	111·4	66·4	+1·8	41·3	49	—8	1·7	5·57	—5·04	14	—2·9	0·99
Anantapur (Madras)	January	..	..	68·1	64·2	85·1	—1·4	89·1	59·3	—2·0	52·1	81	—1	0·7	0	—0·12	0	—0·3	0
	February	..	..	68·4	63·9	92·4	—0·5	95·3	63·2	—2·5	54·1	77	+2	1·4	0·25	—0·24	1	+0·6	0·25
	March	..	..	74·7	71·6	96·5	—2·6	103·8	70·1	—0·6	65·4	86	+14	1·4	0·20	—0·02	1	+0·6	0·20
	April	..	..	83·9	73·9	104·0	+0·8	107·6	77·2	—0·6	69·1	62	—8	0·6	0·17	—0·24	1	+0·2	0·15
	May	..	..	82·8	74·9	103·8	+1·0	107·2	77·6	—0·4	70·1	68	—5	2·5	1·05	—1·85	2	+1·6	0·70
	June	..	..	81·8	74·9	100·1	+4·0	107·5	76·9	+0·6	68·1	73	—3	1·3	2·39	+0·38	3	—0·7	1·50
	July	..	..							Closed from 1st July.									
	August	..	..							Ditto.									
	September	..	..							Ditto.									
	October	..	..							Ditto.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year *	..	..	76·6	70·6	96·9	+0·2	107·6	70·7	—0·9	52·1	75	0	1·3	4·06	—1·59	8	+2·0	1·50
Guntur (Madras)	January	..	..	70·4	66·0	87·1	+0·6	89·7	64·3	+0·1	56·5	78	—8	0	0	—0·48	0	—1·0	0
	February	..	..	73·8	70·4	90·1	—0·8	97·0	68·0	—0·6	60·5	84	—1	1·0	1·94	+1·73	2	+1·4	1·38
	March	..	..	78·5	74·2	94·3	—1·6	99·6	72·0	—1·1	66·5	81	—3	0·1	0	—0·88	0	—0·8	0
	April	..	..	84·0	78·9	100·2	+0·3	109·4	77·6	—0·1	69·5	70	—4	0·3	0·74	+0·19	2	+0·5	0·58
	May	..	..	88·8	79·6	107·3	+2·5	113·0	81·6	+0·5	72·2	66	—6	0·6	0·86	—1·70	1	—2·5	0·71
	June	..	..							Closed from 1st June.									
	July	..	..							Ditto.									
	August	..	..							Ditto.									
	September	..	..							Ditto.									
	October	..	..							Ditto.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year †	..	..	79·1	73·8	95·8	+0·2	113·0	72·7	—0·2	56·5	78	—4	0·4	3·54	—1·14	5	—2·4	1·38

* Mean of 6 months.

† Mean of 5 months.

MONTHLY AND ANNUAL TABLE C FOR 1923—*contd.*

Abstract of 8 hrs. observations.

STATION.	Month.	Wind. Resultant direction.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Koraput (Madras)	January	..	..	57·9	53·2	79·3	..	83·2	47·7	..	36·8	73	..	..	0	..	0	..	0
	February	..	..	66·2	59·6	83·0	..	88·2	55·1	..	45·8	68	..	..	0·99	..	2	..	0·57
	March	..	..	71·9	61·1	89·1	..	97·2	60·2	..	54·2	53	..	..	0·95	..	3	..	0·45
	April	..	..	76·3	67·3	95·9	..	101·2	67·8	..	60·1	62	..	..	1·67	..	6	..	0·45
	May	..	..							Closed from 1st May.									
	June	..	..								Ditto.								
	July	..	..								Ditto.								
	August	..	..								Ditto.								
	September	..	..								Ditto.								
	October	..	..								Ditto.								
	November	..	..								Ditto.								
	December	..	..								Ditto.								
	Year †	..	..	68·1	60·3	86·8	..	101·2	57·7	..	36·8	64	..	..	3·61	..	11	..	0·57
Jammu (Kashmir)	January	N 18 E	..	51·0	47·1	64·3	—1·6	74·1	47·6	—0·6	39·6	74	+2	5·0	5·04	+2·66	4	+0·2	2·38
	February	N 36 E	..	53·0	49·6	63·3	—5·4	72·5	49·9	—1·0	43·3	78	+11	6·9	5·91	+3·55	8	+4·5	2·86
	March	N 18 E	..	65·4	56·5	78·7	+1·9	95·5	59·9	+1·8	50·4	57	+3	3·7	1·59	—1·06	2	—2·5	1·36
	April	N 20 E	..	78·4	61·8	92·8	+4·7	105·2	70·6	+3·6	59·3	37	—9	2·4	1·35	—0·38	3	—0·6	0·63
	May	N 23 E	..	84·5	65·6	97·4	—1·1	105·3	76·8	—0·1	63·3	36	—4	3·1	2·20	+1·41	3	+0·6	0·99
	June	N 24 E	..	92·3	70·7	105·5	+4·5	111·8	85·0	+3·3	69·7	33	—18	2·3	1·01	—2·57	2	—2·4	0·66
	July	N 54 E	..	84·4	75·6	95·1	—0·4	107·3	79·1	+0·1	70·3	68	—2	5·4	13·57	+0·22	9	—1·8	5·21
	August	N 23 E	..	80·5	77·1	89·8	—2·4	95·4	76·7	—0·3	72·3	86	+9	6·6	12·22	—2·17	18	+5·9	2·20
	September	N 39 E	..	81·7	70·9	92·9	+0·8	96·5	74·6	0	69·3	59	—9	1·2	0·65	—2·45	2	—1·6	0·37
	October	N 41 E	..	73·0	59·9	86·4	—2·0	94·1	65·1	—1·5	56·3	45	—9	1·6	1·34	+0·64	2	+0·7	1·16
	November	N 34 E	..	62·5	53·1	78·3	+0·7	84·1	55·7	+0·3	49·9	51	—7	0·9	0·17	—0·09	1	+0·3	0·17
	December	N 34 E	..	53·8	48·2	68·4	+1·9	73·4	49·3	+1·3	43·4	65	0	4·1	1·48	+0·59	3	+0·5	0·56
	Year	..	..	71·7	61·3	84·4	0	111·8	65·9	+0·6	39·6	57	—2	3·6	46·53	+0·25	57	+3·8	5·21
Kargil (Kashmir)	January	E	..	15·8	..	26·9	+0·1	35·3	—3·4	—3·1	—13·0	..	..	6·5	0·20	—1·16	6	+2·1	0·22
	February	E	..	20·7	..	31·2	+1·7	41·3	0·7	—1·6	—14·0	..	..	7·7	0·64	—0·44	3	+0·1	0·20
	March	N 87 E	..	26·3	..	38·1	—3·5	55·5	9·5	—5·3	—9·0	..	..	4·5	1·28	+0·10	3	+0·2	0·50
	April	N 45 W	..	46·5	39·1	63·6	+5·5	78·3	32·2	+1·7	23·6	52	—13	3·1	0·11	—1·61	1	—2·8	0·11
	May	N 38 W	..	55·2	44·9	71·5	—1·2	75·3	37·6	—4·0	29·8	44	—8	0·6	0·50	—0·29	2	+0·4	0·40
	June	N 42 W	..	64·7	50·8	81·1	—1·9	88·7	46·0	—4·8	37·4	37	—5	..	0	—0·12	0	—0·7	0
	July	N 45 W	..	65·9	54·9	80·9	—8·2	92·3	60·4	+4·3	53·5	50	+10	..	0·93	+0·76	2	+1·4	0·61
	August	N 45 W	..	68·2	59·0	..	..	..	..	..	..	59	+19	0·9	1·48	+1·22	3	+1·8	1·00
	September	N 45 W	..	58·9	46·7 (a)	79·3	—0·9	89·1	..	..	..	39 (a)	—3	0·1	0	—0·17	0	—0·8	0
	October	..	..	44·7	38·6 (b)	63·4	—4·1	74·7	..	..	..	47	+2	0*	0·19	—0·18	1	+0·5	0·10
	November	E	..	31·2	..	51·7	+0·3	61·1	23·2	+3·5	15·9	..	..	0·5	0·02	—0·10	0	—0·4	0·01
	December	E	..	18·4	..	32·6 (c)	—3·4 (c)	45·3	13·3 (e)	+3·8 (e)	—1·9	.. (b)	.. (b)	1·9 (d)	0·48	—0·25	3	+1·2	0·20
	Year	..	..	43·0	47·7	56·4	—1·4	92·3	24·4	—0·6	—18·0	47	0	2·6	5·93	—8·11	24	—8·8	1·00

* Mean of 30 days. (a) Mean of 25 days. (b) Mean of 7 months. (c) Mean of 11 months. (d) Mean of 10 months. † Mean of 4 months. (e) Mean of 9 months.

MONTHLY AND ANNUAL TABLE C FOR 1923—*contd.*

Abstract of 8 hrs. observations.

STATION.	Month.	WIND. Resultant direction.	WIND. Mean velocity in miles per hour.	TEMPERATURE. Mean 8 h. Dry bulb.	TEMPERATURE. Mean 8 h. Wet bulb.	TEMPERATURE. Maximum. Mean.	TEMPERATURE. Maximum. Departure from normal.	TEMPERATURE. Maximum. Highest in month or year.	TEMPERATURE. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month or year.	HUMIDITY. Mean 8 h.	HUMIDITY. Departure from normal.	CLOUD. Mean amount 8 h.	RAINFALL. Total of the month or year.	RAINFALL. Departure from normal.	RAINFALL. Number of rainy days.	RAINFALL. Departure from normal.	RAINFALL. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Hill stations, exclusive of Kashmir Panighatta (Bengal).	January	..	..	61·8	59·9	75·4	+1·3	78·8	57·2	+3·8	50·1	89	+21	..	0	−0·41	0	−0·7	0
	February	..	..	62·5	59·3	75·4	−0·4	80·8	56·3	+1·4	50·1	82	+17	..	1·90	+0·95	3	+0·9	1·08
	March (b)	..	..	73·3	69·1	86·5	+3·1	98·5	65·1	+3·6	53·1	81	+26	..	0·10	−1·91	1	−2·4	0·10
	April	..	..	74·8	70·0	86·6	−0·5	91·5	68·6	+1·6	61·1	78	+16	..	7·64	+2·83	9	+3·2	2·76
	May	..	..	75·7	74·6	85·3	−2·5	91·5	73·0	+2·7	69·1	95	+21	..	12·83	+1·67	16	+2·9	5·40
	June	..	..	77·6	75·5	85·8	−1·3	94·5	76·9	+3·9	71·1	89	+4	..	32·42	+4·42	21	−0·3	5·53
	July	..	..	77·6	76·1	86·6	−0·7	91·5	75·8	+1·9	73·1	93	+5	..	30·58	−3·36	27	+2·2	3·71
	August (d)	..	..	80·5	78·3	89·3	+2·4	93·5	76·6	+3·0	72·1	90	+2	..	11·79	−18·06	20	−2·6	1·30
	September (c)	..	..	77·7	75·5	85·5	−1·7	90·5	75·3	+3·2	73·0	90	+6	..	25·79	+2·08	22	+3·3	3·64
	October	..	..							Closed from 1st October.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year *	..	..	73·5	70·0	84·0	0	98·5	69·4	+2·8	50·1	87	+13	..	123·05	−10·79	119	+6·5	5·53
Kurseong (Bengal)	January	..	..	49·4	48·5	53·8	−3·5	56·0	43·3	−2·4	39·9	91	+9	..	0	−0·43	0	−1·2	0
	February	..	..	43·7	42·6	47·6	−11·1	50·3	36·1	−10·6	34·3	91	+11	..	2·76	+1·39	4	+0·9	1·05
	March	..	..	49·6	48·6	55·4	−11·5	63·2	43·4	−10·1	35·6	93	+19	..	1·54	−0·83	3	−0·8	1·15
	April	..	..	57·8	56·9	65·7	−5·5	70·0	52·4	−5·3	50·2	94	+13	..	5·39	+1·14	12	+4·8	2·75
	May	..	..	61·6	60·7	71·4	−1·4	73·1	55·5	−5·4	53·6	94	+8	..	8·05	−3·09	16	+1·5	1·63
	June	..	..	64·6	63·7	75·4	+1·7	77·2	56·8	−7·1	55·7	95	+3		23·68	−11·42	20	−2·6	3·01
	July	..	..	65·7	64·8	75·7	+1·8	77·0	57·5	−7·6	56·6	95	+1	..	41·71	−1·20	29	+0·9	5·28
	August	..	..	67·7	66·9	76·7	+3·3	78·4	61·1	−3·6	58·4	95	0		27·25	−7·14	24	−1·5	2·85
	September	..	..	65·3	64·4	72·5	−0·9	74·1	59·7	−4·0	58·2	95	+3	..	22·53	−0·61	20	+0·3	3·69
	October	..	..							Closed from 1st October.									
	November	..	..							Ditto.									
	December	..	..							Ditto.									
	Year *	..	..	58·4	57·5	66·0	−3·0	78·4	51·8	−6·2	34·3	94	+7	..	132·91	−22·19	128	+2·3	5·28
Poo (Punjab)	January	N 45 E	..	..	..	41·1	+0·8	50·5	20·4	−2·5	10·5	..	..	5·7	4·77	+2·71	15	+7·9	1·09
	February	N 18 E	..	..	..	40·6	−0·5	50·7	23·5	−0·3	13·9	..	..	5·1	2·17	+0·03	5	−0·1	0·81
	March	N 68 E	..	..	..	49·5	+0·4	68·9	30·5	−0·8	17·7	..	..	2·9	2·20	−1·04	3	−3·2	1·40
	April	..	..	..	..	67·8	+8·8	80·8	44·0	+4·9	34·5	..	..	1·3	0·33	−1·91	1	−3·6	0·28
	May	..	..	..	..	71·3	+2·4	78·3	46·5	−0·6	36·9	..	..	1·5	0·81	−0·05	1	−1·1	0·81
	June	..	..	..	..	78·4	+2·5	82·7	55·8	+1·1	48·1	..	..	2·7	0	−0·25	0	−0·7	0
	July	..	..	..	..	79·7	+1·2	84·4	57·8	−0·8	51·3	..	..	5·3	0·76	+0·17	3	+1·0	0·22
	August	N 27 W	..	..	..	81·5	+2·9	89·9	60·3	+1·8	57·3	..	..	5·0	0·18	−0·38	0	−1·5	0·08
	September	N 45 W	..	..	..	74·2	0	83·6	52·9	+0·4	42·9	..	..	4·0	1·46	+0·93	4	+2·5	0·53
	October	..	..	..	..	62·7	−3·7	70·3	39·5	−2·9	32·1	..	..	2·0	1·54	+1·04	3	+2·2	0·76
	November	..	..	..	..	59·5	+1·8	67·6	34·7	+0·5	28·0	..	..	1·6	0·43	+0·13	2	+1·2	0·28
	December	N 72 E	..	..	..	39·3	−7·2	47·6	22·6	−4·3	13·8	..	..	4·4	0·13	−0·60	9	−2·4	0·05
	Year	..	..	..	..	62·1	+0·8	89·9	40·7	−0·3	10·5	..	..	3·5	14·78	+0·74	35	+2·2	1·40

(a) Mean of 27 days. (b) Mean of 28 days. (c) Mean of 29 days. (d) Mean of 30 days. * Mean of 9 months.

MONTHLY AND ANNUAL TABLE C FOR 1923—*concld.*

Abstract of 8 hrs. observations.

STATION.	Month.	Wind. Resultant direction.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month or year.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month or year.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month or year.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month or year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Hill stations, exclusive of Kashmir—Pishin (Baluchistan)	January	..	..	..	..	50·0	—1·9	61·5	21·4	—3·8	14·0	..	..	4·5	3·83	+1·98	7	+2·9	0·99
	February	..	..	..	..	53·4	—2·0	64·3	24·0	—3·9	15·0	..	..	3·5	1·59	—0·15	5	+1·3	0·65
	March	..	..	..	..	66·7	+1·9	84·6	33·3	—2·6	20·0	..	..	2·8	1·73	—0·37	4	—0·8	0·75
	April	..	..	..	..	75·1	—0·1	86·0	38·0	—5·5	27·6	..	..	2·2	0·87	+0·05	3	+0·8	0·33
	May	..	..	..	..	84·5	—3·4	92·2	45·0	—6·6	35·2	..	..	1·0	0·50	+0·31	2	+1·4	0·38
	June	..	..	..	..	90·9	—4·8	96·0	53·6	—4·7	44·5	..	..	0·4	0	—0·03	0	—0·1	0
	July	..	..	..	..	95·2	—2·6	97·4	59·1	—4·7	51·3	..	..	0·1	0	—0·09	0	—0·4	0
	August	..	..	..	..	94·4	—1·2	97·6	59·5	—1·0	51·1	..	..	0·7	0·16	—0·04	1	+0·6	0·11
	September	..	..	..	..	83·6	—4·5	94·4	40·3	—8·1	24·6	..	..	0	0	—0·02	0	—0·1	0
	October	..	..	..	..	73·2	—3·7	82·9	27·9	—9·5	6·0	..	..	1·0	0·68	+0·51	2	+1·6	0·55
	November	..	..	..	..	61·8	—5·8	76·5	19·9	—10·3	5·0	..	..	0·2	0	—0·25	0	—0·8	0
	December	..	..	..	..	55·1	—1·2	60·0	22·7	—3·2	10·0	..	..	2·7	0·30	—0·98	1	—1·9	0·25
	Year	..	..	..	..	73·7	—2·4	97·6	37·1	—5·3	5·0	..	..	1·6	9·66	+0·92	25	+4·5	0·99
Extra India — Chumbi (a)	January	..	..	32·8	(b) 22·8	46·2	..	50·4	21·5	..	18·9	(b) 90	..	3·9	0·09	..	0	..	0·09
	February	..	..	31·0	..	46·9	..	52·0	18·5	..	15·7	(c) 94	..	4·9	16·45	..	10	..	6·48
	March	..	..	40·1	39·1	49·5	..	53·4	28·2	..	19·0	93	..	3·6	0·18	..	5	..	0·18
	April	..	..	50·1	48·9	54·9	..	56·8	41·6	..	35·9	93	..	3·0	1·23	..	6	..	0·28
	May	..	..	55·4	54·4	56·6	..	59·2	48·8	..	47·2	94	..	3·3	2·42	..	7	..	0·95
	June	..	..	56·6	55·7	58·9	..	65·2	49·3	..	47·8	95	..	3·4	1·87	..	7	..	0·60
	July	..	..	57·7	56·7	63·2	..	66·0	51·3	..	49·6	95	..	4·3	5·72	..	14	..	1·85
	August	..	..	54·7	53·7	63·0	..	65·8	49·0	..	46·6	94	..	3·4	3·21	..	12	..	0·60
	September	..	..	49·4	48·5	55·7	..	61·0	41·9	..	40·0	95	..	3·8	1·33	..	4	..	0·34
	October	..	..	?	?	?	..	?	?	..	?	?	..	3·0	0	..	0	..	0
	November	..	..	33·4	..	48·5	..	55·0	29·4	..	26·0	(d) 88	..	2·9	0	..	0	..	0
	December	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Year (f)	..	..	46·1	..	54·3	..	66·0	37·9	..	15·7	(e) 94	..	(a) 3·6	32·50	..	65	..	6·48
Abadan	January	N	..	53·4	51·3	62·4	..	67·5	45·7	..	35·0	86	..	..	4·24	..	5	..	2·40
	February	N	..	58·9	55·5	67·5	..	80·0	48·5	..	37·5	82	..	..	1·24	..	4	..	0·42
	March	N	..	67·3	60·3	78·0	..	84·0	57·2	..	50·0	68	..	..	2·85	..	6	..	0·95
	April (k)	N	..	76·8	62·6	86·9	..	100·0	62·0	..	51·0	46	..	..	0·24	..	1	..	0·24
	May	N 79 W	..	91·1	78·3	102·5	..	110·0	75·5	..	68·0	59	..	..	0	..	0	..	0
	June	N 32 W	..	96·6	85·5	109·7	..	117·0	81·3	..	73·0	66	..	..	0	..	0	..	0
	July	N 2 W	..	99·6	82·0	115·5*	..	122·0	83·3	..	81·0	50	..	..	0	..	0	..	0
	August	N	..	94·4	73·9	110·3	..	121·5	79·1	..	72·5	40	..	..	0	..	0	..	0
	September	N 54 W	..	91·9	75·5	107·9	..	112·0	75·6	..	70·5	50	..	..	0	..	0	..	0
	October	Calm	..	83·9	69·3	96·4	..	109·0	68·1	..	57·0	50	..	..	0	..	0	..	0
	November	N	..	67·9	59·7	80·9	..	85·5	54·3	..	44·0	64	..	..	0	..	0	..	0
	December	N	..	61·2	57·8	71·1	..	78·0	51·9	..	41·0	83	..	..	1·42	..	5	..	0·59
	Year	..	..	78·6	67·6	90·8	..	122·0	65·2	..	35·0	62	..	..	9·59	..	21	..	2·40

(a) Mean of 11 months. (b) Mean of 14 days. (c) Mean of 4 days. (d) Mean of 15 days. (e) Mean of 7 months. (f) Mean of 10 months. (k) Mean of 21 days. * Mean of 27 days.

Table D.—Abstract of observations taken at 8 hrs. at 32 fifth class stations, in the year 1923.

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—															
Comilla	0	—0·8	0	—0·29	0	2	0	0·85	—0·33	0·57	0	—3·7	0·09	—2·86	0·09
Faridpur	0	—0·9	0	—0·45	0	6	+3·8	1·66	+0·34	0·55	0	—3·2	0·05	—2·28	0·03
Sirajganj	0	—0·7	0	—0·32	0	6	+4·4	2·07	+1·30	0·53	0	—2·3	0·06	—1·27	0·03
Rampur Boalia	0	—0·8	0	—0·35	0	3	+1·5	0·95	+0·37	0·38	1	—1·0	2·22	+1·02	2·22
Malda	0	—0·9	0·02	—0·53	0·02	4	+2·3	1·57	+0·73	0·67	0	—1·3	0	—0·71	0
Rangpur	0	—0·9	0	—0·34	0	3	+1·7	1·25	+0·56	0·50	1	—0·8	0·95	—0·18	0·95
Cooch Behar	0	—0·5	0	—0·19	0	3	+1·2	1·61	+0·74	0·63	0	—2·7	0	—1·91	0
Krishnagar	0	—0·9	0	—0·44	0	7	+5·3	3·55	+2·35	1·06	0	—2·4	0	—1·82	0
Bankura	0	—1·2	0	—0·51	0	7	+5·1	5·34	+4·30	1·53	0	—2·2	0·01	—1·24	0·01
Bihar and Orissa—															
Hazaribagh	0	—1·6	0·02	—0·70	0·02	5	+2·7	3·36	+2·23	1·04	2	0	0·64	—0·40	0·52
Bhagalpur	0	—1·0	0	—0·48	0	3	+1·4	1·18	+0·46	0·62	1	—0·4	0·55	—0·02	0·55
Muzaffarpur	0	—1·1	0	—0·52	0	3	+1·4	1·20	+0·66	0·72	0	—1·1	0	—0·47	0
Motihari	1	—0·1	0·20	—0·28	0·11	3	+1·7	1·67	+1·12	0·70	0	—0·9	0·01	—0·49	0·01
Chapra	0	—1·2	0	—0·55	0	3	+1·4	1·22	+0·59	0·75	0	—1·1	0	—0·38	0
Arrah	0	—1·2	0·04	—0·59	0·04	3	+1·5	2·05	+1·31	1·50	0	—1·1	0	—0·47	0
Dehri	1	—0·4	0·29	—0·29	0·25	3	+1·2	1·91	+1·13	0·94	0	—1·2	0	—0·47	0
United Provinces—															
Meerut	3	+0·6	0·45	—0·83	0·22	3	+1·3	2·66	+1·78	0·96	0	—1·6	0	—0·62	0
Dehra Dun	5	+1·2	2·78	+0·51	0·79	7	+3·4	4·99	+2·64	1·30	0	—2·8	0·08	—1·17	0·06
Punjab—															
Khanpur	0	..	0	..	0	1	..	0·20	..	0·20	0	..	0	..	0
Rajputana—															
Udaipur	0	—0·2	0·03	—0·08	0·03	1	+0·6	0·20	+0·06	0·15	0	—0·3	0	—0·10	0
Hyderabad—															
Parbhani	0	—0·6	0	—0·42	0	0	—0·9	0	—0·34	0	2	+0·7	1·97	+0·90	1·71
Madras—															
Tinnevelly	6	+3·7	4·77	+3·27	1·84	0	—1·4	0·05	—0·75	0·05	7	+5·1	2·32	+1·37	0·67
Bay Islands—															
Car Nicobar	4	..	2·76	..	1·40	1	..	0·81	..	0·81	5	..	2·43	..	1·12
Kashmir—															
Sonamarg	17	+5·8	17·10	+6·78	4·32	16	+6·1	8·95	—0·28	3·19	6	—8·6	10·57	—3·87	4·62
Baluchistan—															
Harnai	4	+2·3	1·04	+0·50	0·46	3	+2·5	3·14	+2·83	1·76	4	+0·3	1·02	—0·59	0·29
Hill Stations exclusive of Kashmir—															
Gnatong	0	..	0	..	0	11	..	7·20	..	2·40	9	..	3·55	..	0·85
Laobung	0	..	0	..	0	..	..	..	..	..	14	..	4·73	..	0·77
Dharampur	5	..	4·65	..	1·38	8	..	6·14	..	2·98	2	..	0·56	..	0·30
Mussoorie	5	+1·4	3·33	+0·99	0·90	7	+1·7	6·16	+1·69	1·90	0	—6·4	0·08	—3·12	0·08
Dalhousie	8	..	9·64	..	2·50	12	..	12·03	..	3·00	3	..	2·66	..	1·60
Bakloh	6	..	7·02	..	2·15	11	..	7·86	..	2·50	2	..	1·66	..	1·13
Kailang	9	..	6·43	..	1·62	5	..	2·17	..	0·47	6	..	2·44	..	0·75
Extra India—															
Pemba	19	..	22·11	..	3·75	1	..	0·44	..	0·30	4	..	1·09	..	0·50

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at 32 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
4	—3·3	4·40	—2·09	2·70	13	+1·5	9·10	—2·67	3·37	13	—4·5	19·80	+1·75	5·80	25	+6·8	19·39	+4·34	2·44
10	+3·6	7·73	+3·01	1·30	12	+1·0	10·03	+0·99	2·32	12	—5·4	7·40	—5·96	2·21	15	—2·6	10·64	—2·19	2·16
2	—2·8	2·71	—0·60	1·67	10	—0·2	6·98	—0·90	1·63	10	—4·7	10·17	—2·24	3·65	17	+1·4	8·22	—3·27	1·50
1	—1·8	0·46	—1·32	0·38	8	+0·6	3·34	—2·23	0·86	14	+0·9	6·44	—4·73	1·32	16	+1·0	9·14	—1·67	2·33
1	—1·1	0·70	—0·43	0·70	2	—3·8	0·54	—3·96	0·16	12	+0·4	13·47	+3·12	3·45	17	+2·4	12·91	+1·94	1·80
6	+1·5	5·81	+2·72	2·40	13	+1·3	10·28	—0·65	1·82	15	—1·0	15·92	—1·69	2·93	11	—4·1	5·76	—9·50	2·10
10	+2·7	8·22	+2·79	2·25	22	+7·7	22·73	+6·93	3·45	19	+0·5	20·31	—12·60	3·10	19	—0·6	22·33	—8·01	4·37
1	—3·1	0·17	—2·38	0·11	6	—1·9	3·21	—3·79	1·11	9	—4·0	6·71	—3·95	1·49	17	+1·1	13·18	+2·10	2·93
1	—1·8	0·72	—0·60	0·72	5	—1·1	3·94	—0·90	1·52	11	—0·9	6·49	—4·60	1·68	13	—2·4	9·41	—3·70	3·48
1	—0·5	0·17	—0·32	0·17	1	—3·1	0·35	—1·96	0·21	9	—2·1	5·08	—4·05	1·55	19	+1·6	15·26	+2·82	3·20
0	—1·5	0	—0·73	0	1	—3·1	0·54	—2·45	0·62	6	—4·4	1·94	—6·31	0·85	13	—2·0	7·00	—4·79	1·20
2	+0·9	0·51	0	0·26	2	—1·6	1·37	—1·00	1·16	7	—1·3	4·21	—3·94	1·19	9	—5·5	5·60	—6·87	1·85
2	+0·7	1·03	+0·15	0·57	4	—0·2	2·37	—0·61	1·41	7	—2·8	5·47	—3·72	1·22	12	—2·5	9·09	—5·71	2·95
1	+0·2	0·62	+0·28	0·62	1	—1·0	0·97	—0·63	0·97	6	—1·6	4.03	—2·82	1·34	15	+1·1	10·71	—1·51	2·36
0	—0·6	0·05	—0·23	0·05	1	—1·2	0·26	—1·18	0·20	9	+1·1	5·49	—1·29	1·73	13	—1·3	8·39	—4·31	1·70
0	—0·6	0	—0·21	0	1	—0·5	0·48	—0·35	0·48	4	—3·5	3·72	—2·35	1·22	16	+2·4	14·10	+3·51	2·03
0	—0·8	0·03	—0·40	0·03	2	+0·4	0·36	—0·29	0·18	1	—2·8	0·11	—3·02	0·11	11	+1·1	10·67	+1·58	2·23
0	—1·7	0·08	—0·66	0·05	1	—2·3	0·60	—0·84	0·58	2	—7·7	1·30	—7·49	1·06	17	—2·9	21·12	—4·47	6·43
1	..	0·19	..	0·19	1	..	0·42	..	0·42	1	..	0·35	..	0·35	1	..	0·46	..	0·32
0	—0·3	0·03	—0·13	0·03	1	—1·2	0·23	—0·91	0·23	0	—4·6	0	—3·30	0	11	+1·6	8·49	+1·24	1·74
1	+0·1	0·41	+0·18	0·41	0	—2·0	0	—1·35	0	0	—8·5	0	—8·79	0	12	+1·6	18·68	+10·91	0·75
2	—1·9	0·88	—1·61	0·48	2	—0·7	1·26	—0·31	0·82	2	+0·6	0·31	—0·25	0·16	0	—0·6	0	—0·38	0
8	..	4·50	..	1·38	9	..	6·20	..	1·19	15	..	11·72	..	3·00	16	..	8·04	..	1·54
10	—3·2	5·49	—4·58	1·14	10	+1·1	8·60	+3·89	2·87	6	—1·7	1·48	—1·16	0·40	10	+0·9	3·38	—0·29	0·73
3	+0·2	1·42	—0·13	0·91	4	+3·2	1.55	+1·07	0·85	0	—1·0	0	—0·41	0	3	—1·9	0·96	—2·53	0·55
13	..	6·30	..	1·15	24	..	32·65	..	3·40	20	..	17·80	..	3·05	30	..	38·15	..	2·30
20	..	5·54	..	0·50	22	..	4·93	..	0·47	..	..	..	..	..	26	..	8·67	..	1·40
1	..	0·20	..	0·20	4	..	1·56	..	0·86	5	..	2·16	..	0·80	19	..	18·09	..	3·01
0	—4·4	0·03	—2·41	0·03	3	—3·0	1·50	—2·28	0·70	6	—6·6	2·27	—10·64	0·75	23	+0·6	29·00	—4·30	4·15
8	..	1·56	..	0·79	4	..	5·89	..	2·23	6	..	2·50	..	0·79	22	..	25·11	..	5·12
..	..	..	..	..	4	..	4·56	..	1·88	4	..	2·78	..	1·80	15	..	21·34	..	4·46
3	..	0·80	..	0·39	5	..	5·34	..	2·53	1	..	0·18	..	0·11	3	..	2·20	..	1·02
20	..	14·94	..	1·73	17	..	11·19	..	1·94	8	..	4·05	..	1·30	8	..	3·03	..	0·97

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—															
Comilla	12	—5·9	12·90	—2·83	2·00	9	—4·5	8·78	—2·15	4·97	6	—0·1	4·73	—1·79	1·45
Faridpur	15	—2·4	7·88	—4·54	1·40	7	—5·2	3·78	—5·51	1·01	3	—2·4	2·16	—2·58	1·48
Sirajganj	10	—5·4	5·75	—5·75	2·33	9	—2·6	6·13	—3·58	1·90	2	—2·9	0·50	—4·44	0·40
Rampur Boalia	14	—0·6	8·47	—1·85	1·81	8	—4·2	6·26	—3·78	2·19	4	—0·4	5·14	+1·41	3·03
Malda	9	—5·8	6·03	—5·49	2·10	7	—4·2	4·13	—6·66	2·15	4	—0·1	3·80	—0·54	2·59
Rangpur	7	—7·1	3·28	—10·35	0·92	14	+0·9	9·26	—4·48	1·68	3	—1·2	2·28	—3·08	1·01
Cooch Behar	13	—5·2	8·01	—17·14	1·43	14	—1·8	34·58	+8·18	6·30	4	—1·5	3·98	—3·70	1·99
Krishnagar	18	+3·1	12·63	+2·46	1·82	8	—3·1	2·53	—5·50	0·67	3	—1·9	4·64	+0·26	1·93
Bankura	22	+6·2	18·60	+7·13	3·85	6	—5·5	3·27	—5·47	1·81	5	+0·8	2·31	—0·60	1·25
Bihar and Orissa—															
Hazaribagh	20	+2·2	24·67	+11·53	3·64	6	—5·8	5·53	—3·65	1·50	3	—1·3	1·12	—2·00	0·70
Bhagalpur	13	0	4·93	—5·86	1·14	7	—2·5	1·98	—7·41	0·50	0	—2·6	0·15	—2·07	0·09
Muzaffarpur	8	—5·7	5·62	—7·[illegible]0	1·69	11	+2·1	9·60	+2·06	3·62	2	—0·5	0·96	—1·61	0·61
Motihari	12	—1·6	11·42	—2·04	5·27	12	+2·9	9·57	+0·29	2·19	5	+2·5	6·90	+4·50	3·35
Chapra	11	—2·5	8·75	—3·11	2·10	8	—5·8	5·17	—2·26	3·18	2	—0·5	2·41	+0·23	2·16
Arrah	12	—2·1	9·63	—2·02	2·53	8	—1·4	4·59	—3·38	1·40	1	—2·1	0·16	—2·38	0·10
Dehri	19	+4·5	13·29	+0·09	3·50	3	—5·8	5·93	—0·95	4·29	3	+0·1	1·93	—0·22	1·17
United Provinces—															
Meerut	17	+7·4	13·65	+4·96	5·60	4	—1·0	3·46	—2·61	1·50	3	+2·4	3·04	+2·48	2·06
Dehra Dun	22	+0·7	24·03	—4·75	3·56	13	+2·3	13·45	+3·73	2·87	2	+0·6	1·28	+0·21	0·76
Punjab—															
Khanpur	5	..	1·13	..	0·37	0	..	0	..	0	0	..	0	..	0
Rajputana—															
Udaipur	9	+0·4	7·04	+0·12	1·86	0	—5·2	0·13	—3·73	0·07	0	—1·0	0·04	—0·62	0·04
Hyderabad—															
Parbhani	8	—0·6	3·62	—1·92	0·91	13	+2·0	17·13	+8·69	8·55	0	—2·7	0	—1·86	0
Madras—															
Tinnevelly	1	0	0·20	—0·36	0·14	1	—0·9	0·39	—0·91	0·31	9	0	9·09	+2·27	3·00
Bay Islands—															
Car Nicobar	5	..	1·06	..	0·37	22	..	15·76	..	3·51	13	..	8·03	..	1·56
Kashmir—															
Sonamarg	8	—0·7	3·45	—0·15	0·84	3	—4·5	0·72	—2·75	0·34	8	+3·0	3·72	+1·51	1·13
Baluchistan—															
Harnai	6	+0·6	5·46	+1·89	1·72	0	—2·3	0	—1·17	0	1	+0·1	0·10	—0·13	0·10
Hill Stations exclusive of Kashmir—															
Gnatong	27	..	21·50	..	2·00	13	..	3·30	..	0·80	8	..	2·20	..	0·80
Lachung	25	..	10·13	..	0·93	21	..	8·75	..	1·00	..	..	..	..	..
Dharampur	18	..	16·43	..	3·18	9	..	5·18	..	1·30	3	..	4·27	..	2·12
Mussooree	26	+3·6	36·06	+9·62	3·87	11	—2·1	15·22	—1·34	4·97	2	—1·4	5·45	+2·72	3·82
Dalhousie	23	..	25·26	..	3·48	4	..	5·14	..	2·41	3	..	2·48	..	1·58
Bakloh	24	..	32·86	..	3·16	4	..	2·08	..	1·01	3	..	1·43	..	0·87
Kailang	5	..	1·74	..	0·69	0	..	0·06	..	0·04	3	..	1·28	..	0·52
Extra India—															
Pemba	8	..	2·56	..	0·52	2	..	0·80	..	0·11	3	..	0·95	..	0·41

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at 32 fifth class stations—concld.

November.					December.					Year.				
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
2	+0·6	2·41	+1·38	2·20	0	—0·3	0·09	—0·14	0·09	86	—14·2	82·63	—7·68	5·80
1	—0·3	0·26	—0·84	0·26	0	—0·3	0·02	—0·10	0·02	81	—12·3	51·61	—20·11	2·32
0	—0·7	0	—0·62	0	0	—0·3	0	—0·11	0	66	—16·8	42·59	—21·80	3·65
1	+0·3	0·27	—0·22	0·27	0	—0·1	0	—0·06	0	70	—4·6	42·69	—13·41	3·03
0	—0·7	0	—0·35	0	0	—0·1	0	—0·05	0	56	—12·9	43·17	—12·03	3·45
0	—0·3	0	—0·21	0	0	—0·2	0	—0·04	0	73	—10·2	54·79	—27·24	2·93
0	—0·4	0	—0·23	0	0	—0·3	0	—0·10	0	104	—0·9	121·77	—25·24	6·30
1	—0·2	0·49	—0·49	0·49	0	—0·2	0	—0·09	0	70	—8·2	47·11	—11·29	2·93
2	+0·9	0·77	+0·13	0·55	0	—0·2	0	—0·08	0	72	—2·3	50·86	—6·14	3·85
2	+1·1	0·94	+0·57	0·53	0	—0·4	0·12	—0·09	0·07	68	—7·2	57·26	+3·98	3·64
0	—0·4	0·03	—0·24	0·03	0	—0·1	0·03	—0·05	0·03	44	—16·6	18·43	—29·95	1·20
0	—0·4	0	—0·23	0	0	—0·1	0	—0·06	0	44	—12·9	29·07	—19·78	3·62
0	—0·2	0	—0·20	0	0	—0·4	0	—0·14	0	58	—0·9	47·73	—7·13	5·27
0	—0·4	0	—0·26	0	0	—0·3	0	—0·12	0	42	—11·7	33·88	—10·54	3·18
0	—0·5	0	—0·27	0	0	—0·4	0	—0·15	0	47	—9·3	30·66	—14·96	2·13
0	—0·6	0	—0·46	0	0	—0·4	0	—0·22	0	50	—4·8	41·65	—0·82	4·29
0	—0·4	0·06	—0·39	0·06	4	+2·9	3·04	+2·63	1·38	48	+9·5	37·53	+5·67	5·60
1	+0·3	0·41	+0·03	0·32	3	+1·6	5·28	+4·50	4·27	73	—7·3	75·40	—7·76	6·48
0	..	0	..	0	0	..	0	..	0	10	..	2·75	..	0·42
0	—0·2	0·05	—0·01	0·05	0	—0·3	0·02	—0·06	0·02	22	—10·7	16·26	—7·52	1·86
0	—1·3	0	—0·48	0	0	—1·0	0	—0·84	0	36	—13·2	41·81	+4·68	8·55
9	—0·8	2·54	—4·87	0·47	12	+6·6	17·87	+13·87	7·37	51	+9·7	39·68	+11·34	7·37
15	..	9·40	..	2·92	7	..	6·69	..	3·63	120	..	77·40	..	3·63
3	+0·6	1·13	—0·29	0·48	4	—3·3	3·82	—1·79	1·44	101	—4·5	68·41	—2·98	4·62
0	—0·6	0	—0·45	0	0	—1·1	0	—0·36	0	28	+2·3	14·69	+0·52	1·76
1	..	0·35	..	0·35	5	..	1·30	..	0·40	161	..	134·30	..	3·40
2	..	1·92	..	1·20	0	..	6	..	0	130*	..	44·67	..	1·40
1	..	0·44	..	0·37	4	..	4·89	..	3·52	79	..	64·57	..	3·52
1	0	0·42	+0·03	0·42	4	+2·4	4·89	+3·76	3·06	88	—14·2	104·11	—5·28	4·97
1	..	0·27	..	0·27	6	..	4·79	..	1·71	95	..	97·83	..	5·12
0	..	0·02	..	0·02	2	..	3·58	..	1·81	75	..	85·9	..	4·46
1	..	0·19	..	0·13	5	..	3·22	..	1·24	46	..	26·05	..	2·53
12	..	10·99	..	3·20	8	..	4·64	..	2·08	110	..	76·32	..	3·75

* Rainfall for 9 months.

APPENDIX

Climatic Tables of Kodaikanal and Madras for 1923 and tables of extra observations taken during the year at Lahore and Trivandrum.

TABLE I.

Height of the Barometer cistern above mean sea level 7688 feet.

Latitude — 10° 13′ 50″ N

Longitude — 5h 9m 52s E

Mean Monthly and Annual Meteorological Results at the Kodaikanal Observatory in 1923.

	Barometer.		Dry bulb thermometer.				Wet bulb.		Tension of vapour	Relative humidity.	Sun Max. in Vac.	Min. on Grass.	Wind.			Rain.		Clear Sky.	Bright sunshine.
	Reduced to 32°.	Daily Range.	Mean.	Max.	Min.	Range	Mean.	Min.	By Blanford's Tables.				Daily velocity.	Mean Direction.		Amount	Days.		
	Inches.	Inches.	°	°	°	°	°	°	Inches.	Cents.	°	°	Miles.	Points.	Points.	Inches.	No.	Cents.	
January	22·819	0·067	54·3	66·7	47·7	16·0	48·6	42·6	0·284	67	109·6	40·3	271	4	N E	6·65	9	54	197·1
February	·810	·062	54·6	67·2	45·3	21·9	46·8	38·2	·242	56	126·3	31·9	223	8	E	..	..	73	226·5
March	·850	·064	56·1	68·2	48·4	18·8	51·2	44·5	·320	76	128·8	29·8	206	5	N E by E	3·79	6	53	212·5
April	·795	·060	60·0	71·3	52·5	18·8	54·0	48·1	·354	69	127·7	42·1	185	4	N E	4·07	7	35	220·6
May	·794	·056	61·3	71·2	54·2	17·0	55·5	47·7	·330	61	129·2	44·2	171	9	E by S	7·27	8	57	248·5
June	·755	·057	59·4	67·9	53·9	14·0	54·4	49·8	·372	74	125·3	47·8	236	25	W by N	2·05	7	29	147·0
July	·728	·053	56·1	63·5	51·8	11·7	52·2	49·5	·375	83	115·4	47·5	317	24	W	2·21	8	10	88·3
August	·767	·057	56·8	64·5	51·9	12·6	53·6	48·4	·378	82	120·8	47·3	274	24	W	2·38	9	25	123·7
September	·772	·068	57·4	65·6	52·1	13·5	53·8	49·1	·376	70	123·2	46·3	212	22	W S W	4·41	9	29	150·2
October	·816	·069	55·7	62·4	51·1	11·3	53·8	49·8	·394	89	118·4	46·1	182	4	N E	13·88	18	13	77·1
November	·824	·066	55·2	68·9	49·1	14·8	50·4	44·9	·314	73	119·4	42·8	211	16	S	5·49	6	34	171·1
December	·822	·062	53·6	60·0	49·2	10·8	50·5	46·3	·337	82	109·9	47·7	315	9	E by S	9·88	14	17	89·1
Annual	22·797	0·062	56·7	65·7	50·6	15·1	52·9	46·6	0·341	73	120·0	43·7	233	6	E N E	62·03	101	37	1951·7

Extreme Monthly Meteorological Records at the Kodaikanal Observatory in 1923.

	Barometer.					Dry bulb thermometer.				Wet bulb.		Humidity.		Sun Th. in Vacuo.		Grass Therm.		Wind.				Rain.	
	Highest.		Lowest.		Range.	Highest.		Lowest.		Lowest.		Lowest.		Highest.		Lowest.		Highest.		Lowest.		Greatest Fall.	
	Inches.	Day.	Inches.	Day.	Inches.	°	Day.	°	Day.	°	Day.	Cents.	Day.	°	Day.	°	Day.	Miles.	Day.	Miles.	Day.	Inches.	Day.
January	22·903	29	22·728	12	0·175	70·2	6	*44·9*	*31*	*24·4*	*31*	19	24	126·9	4	24·4	31	390	18	145	25	2·65	12
February	·904	27	·710	12	·194	72·3	4	42·2	1	31·4	2	12	5, 14	140·5	17	*23·3*	*4*	420	6	*3*	*19*	..	..
March	*·933*	*26*	·777	28	·156	73·2	30	44·4	6	35·7	11	26	11	137·6	24	32·3	6	400	12	52	1	1·62	15
April	·868	2	·726	28	·142	*76·3*	*30*	48·1	2	43·2	8	34	8, 16	145·5	17	37·1	8	268	27	82	10, 22	0·95	27
May	·859	15	·708	29	·151	*76·3*	*1*	50·6	11	38·3	9	*12*	*8*	140·9	19	37·1	10, 11	340	3	91	26	*3·22*	*21*
June	·828	9, 10, 15, 16	·692	28	·136	74·2	9	51·4	25	44·3	17, 18	31	2	137·0	9	41·0	1	398	13	75	10	0·46	11
July	·814	13, 14	*·660*	20	·154	67·1	29	49·5	17	44·1	18	60	17, 18	128·9	26	41·3	13	*561*	*19*	122	13	0·51	14
August	·850	20	·681	6	·169	69·4	31	49·3	24	45·1	24, 25	55	31	*148·4*	*31*	42·0	20	523	6	111	27	0·32	29
September	·845	3	·686	9	·159	69·4	24	48·7	22	40·4	30	51	10	137·4	21	37·4	25, 30	412	15	85	3	1·76	28
October	·918	17	·665	28	·253	68·2	5	48·0	5	39·9	5	38	5	144·1	18	34·1	5	381	27	70	4	3·13	28
November	·894	23	·716	13	·178	69·7	19	45·7	25	37·1	19	12	16	136·7	19	35·1	19	286	27	143	22	2·97	4
December	·961	4	·743	25	·188	67·2	28	44·9	24	36·3	19, 22	15	22	125·6	26	34·3	24	329	16	116	25	2·99	16

TABLE II.

Kodaikanal mean hourly Wind Velocity in miles for the year 1923.

Month.	Hours.																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
January . .	12	12	11	12	12	12	12	11	13	13	13	12	12	11	10	10	9	9	10	10	11	11	11	12
February . .	10	10	10	9	9	10	10	8	10	11	11	12	11	10	8	8	7	6	7	9	9	9	9	10
March . .	10	9	9	9	10	10	10	9	9	11	10	10	9	8	8	8	7	6	6	7	7	7	8	9
April . .	7	8	7	8	8	8	8	7	8	10	10	9	8	8	8	7	7	6	6	8	8	6	7	8
May . .	7	7	6	7	6	6	6	7	7	9	10	9	9	8	8	7	6	6	7	6	6	7	7	7
June . .	10	10	10	11	9	10	10	9	9	10	9	9	9	8	9	10	10	10	10	10	11	10	11	11
July . .	14	14	14	15	14	13	13	13	13	15	13	13	12	10	12	11	12	12	13	14	14	15	13	15
August . .	12	12	12	12	13	13	13	11	10	11	10	10	9	9	10	10	10	12	13	14	12	13	12	12
September .	9	9	11	10	10	10	10	8	9	11	9	8	8	8	7	8	7	7	8	9	9	9	10	9
October . .	8	9	8	7	8	8	8	8	8	10	8	8	7	7	7	7	6	6	6	7	7	7	8	9
November. .	10	9	10	10	10	10	9	9	9	11	10	9	9	7	8	6	6	7	8	8	8	8	8	10
December . .	13	12	12	12	14	14	14	14	16	19	16	15	14	13	12	11	10	11	11	11	12	12	13	13
Mean . .	10	10	10	10	10	10	10	10	10	12	11	10	10	9	9	9	8	8	9	9	10	9	10	10

TABLE III.

Kodaikanal mean hourly bright sunshine for the year 1923.

Month.	Hours.											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
January	0·04	0·58	0·63	0·67	0·67	0·65	0·68	0·66	0·63	0·59	0·55	0·01
February	·25	·98	1·00	1·09	0·98	·90	·74	·64	·54	·52	·43	·11
March	·27	·81	0·86	0·93	·85	·73	·62	·52	·41	·37	·28	·21
April	·25	·86	·95	·99	·95	·85	·71	·59	·46	·34	·28	·11
May	·29	·88	·93	·93	·92	·89	·80	·63	·52	·50	·43	·31
June	·08	·42	·61	·69	·70	·63	·63	·41	·33	·25	·12	·03
July	·03	·29	·36	·45	·43	·37	·37	·30	·09	·07	·03	·05
August	·15	·43	·50	·62	·54	·46	·27	·30	·27	·20	·19	·07
September	·20	·56	·71	·76	·69	·63	·41	·35	·28	·20	·13	·09
October	·12	·35	·33	·37	·33	·27	·20	·14	·11	·16	·08	·03
November	·14	·53	·59	·70	·73	·69	·57	·49	·41	·45	·37	·03
December	·01	·24	·30	·30	·40	·38	·31	·35	·23	·23	·12	..
Mean	0·15	0·58	0·65	0·70	0·68	0·62	0·53	0·45	0·36	0·32	0·25	0·09

TABLE IV.

Number of days in each month on which the Nilgiris were visible in 1923.

Month.	Very clear.	Visible.	Just visible.	Tops only visible.	TOTAL.
January	4	10	1	..	15
February	..	6	1	..	7
March	1	1	4	1	7
April	1	2	1	1	5
May	2	3	1	1	7
June	1	4	1	..	6
July	1	5	..	..	6
August	1	3	1	1	6
September	4	5	1	1	11
October	2	3	1	1	7
November	3	7	1	..	11
December	2	6	4	1	13
TOTAL .	22	55	17	7	101

TABLE V.

Madras Observatory.—Monthly and annual abnormals of the Meteorological elements for the year 1923.

	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Annual.
Reduced atmospheric pressure	—0·012	—0·041	+0·037	—0·056	—0·010	—0·031	—0·026	—0·015	—0·020	+0·024	—0·045	—0·004	—0·014
Temperature of air	+0·1	+1·0	+1·0	+0·8	+0·4	+2·5	+2·1	+2·0	+0·4	+0·2	+1·0	+1·0	+1·1
Temperature of evaporation	+1·4	+1·3	+1·0	+0·8	—0·1	+1·0	—0·2	—0·5	—0·2	+0·5	+0·4	+1·2	+0·5
Percentage of humidity	+6	+ 2	Normal	Normal	—2	—4	—6	—8	—1	+2	—2	+1	—1
Greatest Solar heat *in Vacuo.*	+1·0	+10·5	+13·6	+10·3	+10·2	+9·0	—0·6	+9·9	+8·2	+6·5	+7·9	+5·0	+7·6
Maximum in shade	+0·1	—1·2	—0·4	+1·3	+1·8	+4·4	+3·3	+4·7	+1·0	+0·5	+1·0	—0·3	+1·1
Minimum in shade	+1·3	+1·7	+1·0	+0·7	—0·8	+1·9	+1·3	+1·4	—0·2	—0·2	+0·2	+1·5	+0·8
Minimum on grass	+3·3	+3·1	—12·2	+1·5	—0·4	+2·3	+1·7	+1·4	+0·2	+0·3	+0·3	+2·0	+1·5
Rainfall in inches	+3·57	—0·28	+0·25	—0·62	—2·09	—0·15	—2·22	—1·26	—1·48	+4·89	—9·58	—2·72	—11·69
Rainfall since January 1st	+3·57	+3·29	+3·54	—2·92	+0·83	+0·68	—1·54	—2·80	—4·28	+0·61	—8·97	—11·69	—
General direction of wind	3 pts. N.	4 pts. S.	Normal	2 pts. to S.	1 pt. to S.	1 pt. to W.	2 pts. to W.	1 pt to W.	1 pt. to W.	7 pts. to S.	2 pts. to E	1 pt. E.	2 pts to S.
Daily velocity in miles	—2	—39	—59	—22	—34	—10	—17	Normal	—9	—7	—36	+ 14	—18
Percentage of cloudy sky	+11	—3	+1	Normal	—11	—15	+14	+4	+4	+2	—10·2	+12	+10
Percentage of bright sunshine	—13·2	+3·8	—1·3	+1·8	+1·2	+8·1	—1·9	+9·1	+6·8	—4·9	+12·3	—10·2	—3·6

TABLE VI.

Madras Observatory.—Number of hours of wind from each point in the year 1923.

Month.	N.	1	2	3	4	5	6	7	E	9	10	11	12	13	14	15	S	17	18	19	20	21	22	23	W	25	26	27	28	29	30	31	Calm
Jan.	32	358	223	51	11	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	65
Feb.	..	..	52	16	6	19	3	..	2	34	32	8	1	26	81	81	15	4	1	..	..	..	..	..	2	..	..	..	..	..	..	..	137
March	..	..	..	5	18	6	34	45	41	91	52	105	81	1	3	20	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	231
April	..	..	3	2	..	..	..	..	..	1	1	19	..	22	110	2 5	261	51	19	8	2	..	..	..	..	..	..	..	..	..	..	..	16
May	3	2	1	..	1	2	..	..	7	4	36	2	3	20	66	94	224	77	162	19	11	11	11	8	4	5	2	5	1	13	9	..	1
June	..	..	1	..	1	..	3	..	..	..	9	9	22	14	54	23	96	41	79	22	33	23	49	32	56	20	63	23	21	5	19	..	2
July	2	..	1	2	2	..	..	1	2	..	..	1	..	..	6	11	45	18	90	61	64	46	73	69	140	41	26	7	15	5	12	3	1
August	..	..	..	..	..	1	..	..	2	7	17	9	36	15	37	30	33	16	91	15	41	20	88	32	101	35	74	10	14	5	9	2	4
Sept.	5	3	1	1	..	1	1	3	4	5	22	31	42	33	70	18	11	30	20	32	63	30	34	39	45	36	41	29	25	5	14	20	6
Oct.	17	28	81	3	47	8	65	6	25	11	38	19	26	3	115	5	45	5	53	9	23	15	24	4	7	6	10	..	..	1	15	3	27
Nov.	93	67	102	27	69	7	33	11	24	26	47	2	1	..	34	22	5	1	10	10	8	..	5	3	16	7	11	15	14	9	11	14	16
Dec.	61	18	381	161	98	12	8	1	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Annual total	213	476	846	268	253	59	148	67	110	180	254	295	212	134	576	599	746	243	465	176	245	145	284	187	371	150	227	89	90	43	89	42	506

TABLE VII.

Madras Observatory.—Number of miles of wind from each point in the year 1923.

Month.	N	1	2	3	4	5	6	7	E	9	10	11	12	13	14	15	S	17	18	19	20	21	22	23	W	25	26	27	28	29	30	31	TOTAL
Jan.	311	2198	1447	339	77	25	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4410
Feb.	..	..	179	54	18	74	19	..	12	8	263	14	7	68	323	562	168	38	6	..	..	..	..	..	2	..	..	..	..	..	..	..	1815
March	..	..	..	13	148	3	262	283	199	473	215	560	534	11	31	148	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2885
April	..	..	..	..	..	..	..	..	..	6	12	96	..	151	695	1459	1970	405	169	77	17	..	..	..	..	..	..	..	..	..	..	..	5074
[illegible]	..	..	..	..	..	34	..	..	46	33	217	20	26	185	476	811	2078	596	704	131	89	73	81	67	27	32	17	42	7	101	71	..	5996
[illegible]	..	..	..	..	8	..	20	..	..	..	77	82	206	94	441	214	931	385	640	155	259	191	457	254	558	235	599	191	122	40	145	..	6313
[illegible]	..	..	..	2	8	..	..	13	8	..	..	8	..	..	23	84	346	139	411	291	448	377	662	635	1266	410	257	53	67	15	28	25	5599
[illegible]	..	..	..	..	..	7	..	..	18	63	106	48	229	71	310	276	260	115	508	72	276	125	647	220	852	300	691	59	45	14	28	10	5390
Sept.	33	19	8	6	..	4	9	38	26	47	127	177	295	233	577	90	68	130	103	186	310	139	206	244	298	254	308	165	133	19	85	86	4408
Oct.	85	148	510	20	263	34	386	43	225	45	148	92	92	15	451	23	154	30	181	48	103	47	176	23	33	30	40	..	..	3	97	15	3590
Nov.	768	410	513	205	361	69	127	36	86	81	165	11	5	..	85	79	25	5	35	31	28	..	24	10	113	48	54	121	122	51	90	109	3864
Dec.	441	172	2932	1350	936	154	75	9	19	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6097
Annual	1661	2365	2659	2068	1736	411	851	357	639	765	1330	1108	1394	828	3412	3746	6109	1843	2757	991	1530	952	2253	1453	3189	1309	1966	631	496	248	544	245	55441

TABLE VIII.

Madras Observatory.—Number of inches of rain with winds from each point in the year 1923.

Month.	N.	1	2	3	4	5	6	7	E	9	10	11	12	13	14	15	S	17	18	19	20	21	22	23	W	25	26	27	28	29	30	31	Calm.
Jan.	..	0·74	0·73	1·59	0·43	0·17	0·80	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Feb.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	0·14	..	0·31	0·05	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·14
April	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
May	..	..	0·03	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
June	..	..	..	..	..	..	0·02	..	..	..	..	..	..	0·07	0·02	..	0·01	..	..	..	..	..	0·31	0·52	0·90	..	..	0·07	..	..	0·04	..	..
July	0·06	..	..	..	0·13	..	..	..	..	..	..	..	..	..	..	0·01	0·04	0·01	0·12	0·06	0·04	..	0·22	..	0·14	0·32	0·20	..	0·22	..	0·06	0·02	..
August	..	..	..	..	..	..	..	..	..	..	0·08	0·09	0·06	0·01	..	0·16	..	0·04	0·52	..	0·37	0·36	0·35	..	0·97	0·02	0·06	..	0·01	..	0·08	0·12	..
Sept.	..	..	..	..	..	..	..	..	..	..	..	..	0·03	..	..	0·02	..	0·01	0·04	0·30	0·02	0·10	0·10	1·33	0·03	0·13	0·04	0·32	0·16	0·25	..	0·33	..
Oct.	1·82	0·73	2·54	0·05	0·87	0·57	3·24	0·03	2·62	0·82	0·28	..	..	..	0·07	..	..	..	..	..	..	0·02	0·03	..	..	..	..	..	..	..	0·85	0·41	0·04
Nov.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dec.	0·09	0·04	1·33	0·06	1·04	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Annual	1·97	1·51	4·63	2·60	2·47	0·74	4·20	0·03	2·93	0·87	0·36	0·09	0·09	0·08	0·09	0·19	0·05	0·06	0·68	0·36	0·43	0·48	1·01	1·85	2·04	0·47	0·30	0·39	0·39	0·25	1·03	0·88	0·18

TABLE IX.

Madras Observatory.—Wind, Cloud and Bright Sunshine in 1923.

Month.	Wind Resultant.		Clouds (0—10).					Bright Sunshine.	
	Velocity.	Direction.	8 hours.	10 hours.	16 hours.	20 hours.	Mean.	Average number of hours.	Greatest number of hours.
	Miles.	Points.							
January . .	140	N N E	4·6	5·7	5·4	3·6	4·8	6·3	9·8
February . .	40	N N E	2·8	4·1	1·0	0·6	2·1	9·5	10·7
March . .	79·6	E S E	2·9	4·0	1·7	1·3	2·5	8·7	10·3
April . . .	162	S by E	3·9	3·2	2·6	1·4	2·8	8·8	11·6
May . . .	132·7	South	3·4	3·2	2·6	1·7	2·7	7·8	10·1
June . . .	125·5	S W	4·8	3·9	5·7	5·0	4·9	6·1	8·2
July . . .	146	W S W	8·1	7·7	9·4	8·7	8·5	3·7	7·8
August . .	106	S W by W	6·1	5·8	8·2	8·1	7·1	6·0	9·6
September . .	61	S W by S	5·6	5·9	7·7	7·0	6·6	5·8	11·2
October . .	34	East	6·0	5·8	7·9	4·7	6·1	5·3	9·3
November . .	77	N N E	4·7	5·4	5·4	3·7	4·8	6·9	9·8
December . .	191	N E by N	6·9	7·4	6·8	4·5	6·4	4·3	8·2
Annual . .	29	S by W	5·0	5·2	5·4	4·2	4·9	6·6	..

TABLE X.

Mean Monthly and Annual Meteorological Results at the Madras Observatory in 1923.

	Barometer.		Dry Bulb Thermometer.				Wet Bulb.		Tension of Vapour.	Relative Humidity.	Sun Max. in vac.	Min on Grass.	Wind.			Rain.		Cloud Sky.	Bright Sunshine.	General Weather.
	Reduced to 32°.	Daily Range.	Mean.	Max.	Min.	Range.	Mean.	Min.	By Simpson's Tables.				Daily Velocity.	Mean Direction.		Amount.	Days.			
	Inches.	Inches.	°	°	°	°	°	°	Inches.	Cents.	°	°	Miles.	Points	Points.	Inches.	No.	Cents.		
January	29·985	0·112	75·2	81·7	68·8	12·9	70·6	67·0	0·690	79	139·4	66·4	142	2	NNE	4·46	7	48	194·0	..
February	·823	·129	77·7	85·4	69·7	15·7	72·1	69·2	·714	75	150·2	66·9	83	12	SE	..	..	21	264·6	..
March	·941	·124	81·0	88·8	73·1	15·6	74·9	72·2	·783	74	151·1	70·8	93	10	ESE	0·64	2	25	270·3	..
April	·767	·135	84·8	94·2	77·9	16·3	78·4	76·3	·885	74	152·0	76·2	169	15	S by E	..	..	28	265·1	..
May	·721	·124	87·1	99·6	80·0	19·7	78·2	75·5	·842	65	153·2	78·5	193	16	S	0·03	1	27	242·4	..
June	·668	·123	82·9	102·7	82·2	20·5	77·6	74·8	·791	58	149·5	80·9	210	20	SW	1·96	9	49	183·8	..
July	·698	·132	86·6	98·9	79·8	19·1	75·7	72·0	·729	59	148·1	78·3	181	22	WSW	1·65	14	85	116·0	..
August	·731	·141	85·3	98·4	78·7	19·7	75·5	72·8	·750	62	149·9	76·8	174	20	SW	3·30	19	71	186·1	..
September	·755	·124	83·4	94·2	76·9	17·3	76·1	73·1	·802	71	149·1	75·2	147	19	SW by S	3·21	10	66	175·2	..
October	·864	·117	80·8	89·5	75·0	14·5	76·1	73·2	·836	80	145·6	73·1	116	12	SE	15·89	15	61	165·1	..
November	·904	·116	78·5	86·0	72·5	13·5	73·3	70·6	·753	77	145·3	69·8	129	4	NE	3·63	5	48	206·9	..
December	·974	·103	76·5	83·3	71·3	12·0	71·8	69·2	·717	78	140·8	68·4	197	2	NE by N	2·56	7	64	149·5	..
Annual	29·827	0·128	82·2	91·9	75·5	16·4	75·0	72·3	0·775	71	147·8	73·4	153	15	S by E	37·33	89	59	2419·0	58·4 %

Extreme Monthly Meteorological Records at the Madras Observatory in 1923.

	Barometer.					Dry Bulb Thermometer.				Wet Bulb.		Humidity.		Sun Th. in Vacuo.		Grass Therm.		Wind.				Rain.	
	Highest.		Lowest.		Range.	Highest.		Lowest.		Lowest.		Lowest.		Highest.		Lowest.		Highest.		Lowest.		Greatest Fall.	
	Inches.	Day.	Inches.	Day.	Inches.	°	Day.	°	Day.	°	Day.	Cents.	Day.	°	Day.	°	Day.	Miles.	Day.	Miles.	Day.	Inches.	Day.
January	*30·115*	*29*	29·863	12	0·252	83·6	28	63·7	22 & 31	63·4	22	53	23	155·3	22	60·2	22	245	1	67	19	1·72	12
February	·107	27	·747	12	·360	87·6	6	*63·0*	*3*	*62·6*	*3*	52	3	156·0	21	*60·1*	*1 & 3*	147	22	*34*	*4*	..	..
March	·088	1, 2	·743	31	·345	94·4	31	68·8	10	68·2	10	49	9	*170·1*	*26*	65·7	10	158	31	45	15	0·59	13
April	29·936	4	·563	29	·373	105·1	30	72·3	2	69·2	2	46	29	158·7	26	70·1	2	232	29	93	9	..	..
May	·852	12	·538	3	·314	109·8	3	76·9	12	70·9	6	23	4	167·6	4	74·1	12, 15	254	13	127	6	0·02	17
June	·781	16	·542	7	·239	*110·3*	*9*	76·8	13	72·4	25	27	7	160·7	19	75·2	29	283	4	127	13	1·13	12
July	·818	14	·53[illegible]	*20*	·288	104·2	30	74·2	15	71·4	17	28	30	157·1	29	73·1	15	236	18	104	2	0·44	1
August	·833	20	·573	5	·260	101·3	18	74·5	9	70·8	23	30	21	161·0	8, 26	73·4	9	213	5	129	15	1·1	15
September	·884	3	·622	17	·262	100·6	11	71·4	21	70·1	28	29	27	162·9	13	71·4	21	219	2	82	14	1·09	14
October	30·084	17	·529	28	·455	98·3	4	71·4	18	70·7	18	36	3	163·4	4	70·6	28	193	27	64	17	*3·88*	*27*
November	·066	29	·652	14	·414	92·6	17	66·2	14, 25	61·7	13	49	12	159·5	10	62·8	25	228	14	61	1	1·62	13
December	·104	31	·836	25	·268	86·7	2	67·0	28	64·7	23	58	19, 24, 27	154·4	20	63·6	26, 28	*286*	*16*	140	22	1·17	3

TABLE XI.

Monthly and Annual means of Meteorological Observations made at the Madras Observatory at 20 hrs. during the year 1923.

Month.	Barometer reduced to 32° F.	Dry Blub.	Wet Bulb.	Vapour Tension.	Humidity.	Cloud.	Wind Direction.
	″	°	°	″	%	%	
January . . .	29·999	74·6	70·6	0·696	81	36	N by W
February . . .	·926	77·0	72·2	·727	78	6	S E by E
March . . .	·941	80·3	75·1	·800	77	13	N E by E
April . . .	·764	83·4	79·0	·932	81	14	S by E
May . . .	·721	84·6	79·5	·936	79	17	S by E
June . . .	·672	85·5	79·7	·934	76	50	S by W
July . . .	·693	84·3	77·3	·843	72	87	S by W
August . . .	·737	82·6	76·9	·850	76	81	S S W
September . .	·764	81·9	77·1	·867	80	70	S by W
October . . .	·881	79·6	76·2	·857	85	47	S W by S
November . .	·929	77·3	73·3	·767	82	37	N by W
December . –	·996	76·0	71·9	·725	80	35	N by E
Annual . . .	29·835	80·6	75·7	0·828	79	42	S W by S

TABLE XII.

Monthly means of the Meteorological observations recorded at the Lahore observatory during the year 1923.

	Barometer reduced to 32° F.		Dry bulb.		Wet bulb.		Humidity.		Cloud.	
	6 hrs.	22 hrs.	6 hrs.	22 hrs.	6 hrs.	22 hrs.	6 hrs.	22 hrs.	6 hrs.	22 hrs.
	″	″	°	°	°	°	%	%	(0—10)	(0—10)
January . . .	29·352	29·366	45·0	51·4	43·8	49·4	90	86	4·80	3·35
February . . .	29·205	29·234	49·9	55·4	48·0	52·4	87	81	5·93	3·28
March	29·212	29·229	57·6	66·9	54·5	60·9	82	70	1·68	1·55
April	28·983	28·882	67·4	78·1	59·6	65·6	62	50	0·93	1·33
May	28·899	28·889	74·5	82·9	66·3	70·8	64	54	2·32	1·87
June	28·727	28·716	84·5	92·2	72·9	76·0	56	45	1·67	1·07
July . . – .	28·747	28·727	82·0	86·1	77·3	79·4	81	75	3·87	1·94
August . . .	28·790	28·793	80·4	84·0	78·5	80·6	91	86	5·13	3·32
September . . .	28·964	28·953	74·0	80·7	69 8	73·3	80	68	1·07	0·33
October . . .	29·165	29·169	61·4	68·8	57·5	61·7	77	66	1·29	1·10
November . . .	29·252	29·261	48·8	56·5	·46·5	52·1	83	73	0·60	0·53
December . . .	29·347	29·361	44·1	50·6	42·6	48·5	88	85	3·48	1·87

TABLE XIII.

Monthly means of Meteorological elements at Trivandrum for 1923.

Months.	Newman's Barometer (reduced to 32° F.).			Dry Bulb Thermometer			Wet Bulb Thermometer			Mean temperature of the Dew point.	Vapour Pressure.			Humidity.			Clouds.			Sunshine.	Maximum in sun.	Minimum on grass.
	Hr. 6	Hr. 14	Hr. 20	Hr. 6	Hr. 14	Hr. 20	Hr. 6	Hr. 14	Hr. 20		Hr. 6	Hr. 14	Hr. 20	Hr. 6	Hr. 14	Hr. 20	Hr. 6	Hr. 14	Hr. 20			
	29"	29"	29"	°	°	°	°	°	°	°	"	"	"	%	%	%	%	%	%	hrs.	°	°
January	715	·665	·738	73·8	83·5	78·6	71·1	75·0	74·4	69·8	·725	·760	·795	87	68	82	57	49	41	7·3	134·0	68·4
February	·721	·667	·725	73·0	84·7	79·8	70·0	74·8	74·3	68·5	·692	·728	·774	85	61	76	18	23	15	10·5	137·3	66·3
March	·732	·677	·743	76·7	86·9	81·9	73·8	77·2	75·7	71·6	·793	·802	·881	86	63	77	46	43	34	9·0	139·5	71·4
April	·629	·579	·646	79·6	88·7	83·7	76·1	78·0	77·5	73·1	·850	·831	·874	84	62	76	61	51	51	8·2	138·8	75·2
May	·641	·603	·659	77·8	86·5	81·9	75·0	77·8	77·3	72·8	·828	·835	·876	87	66	80	36	16	29	8·7	133·9	73·7
June	·618	·635	·679	75·0	80·8	77·5	74·7	77·0	75·6	74·3	·847	·877	·859	94	83	91	98	93	81	3·6	127·8	73·4
July	·665	·645	·609	74·7	79·7	77·4	73·6	75·9	75·3	73·4	·812	·845	·851	94	83	91	89	89	64	4·6	122·9	71·7
August	·702	·665	·719	75·1	80·7	76·8	72·9	75·7	74·7	72·7	·793	·820	·836	94	81	91	77	79	65	5·2	125·9	71·3
September	·685	·639	·698	74·7	81·7	77·6	73·4	75·1	75·5	73·2	·804	·841	·852	94	78	89	78	78	52	5·9	130·5	71·8
October	·709	·655	·703	75·0	82·3	78·1	73·7	76·5	75·8	72·9	·814	·837	·849	93	76	88	67	71	59	6·1	132·6	71·7
November	·719	·668	·754	74·6	82·6	78·3	72·4	75·7	74·7	71·4	·766	·790	·813	89	72	84	64	72	54	7·1	137·2	70·1
December	·697	·658	·731	76·4	80·3	75·8	71·9	75·8	75·1	71·8	·738	·801	·820	87	72	83	76	87	61	5·3	132·9	69·5
Mean	·686	·646	·703	75·5	83·2	78·9	73·2	76·2	75·5	72·1	·789	·815	·853	90	73	84	64	63	51	6·8	132·8	71·2

TABLE XIV.

Frequency of wind direction at Trivandrum Observatory for 1923.

6 Hours.

Month.	C 0	N N E 1	N E 2	E N E 3	E 4	E S E 5	S E 6	S S E 7	S 8	S S W 9	S W 10	W S W 11	W 12	W N W 13	N W 14	N N W 15	N 16	Total.
January	11	3	6	..	5	..	..	..	..	..	4	1	..	..	..	..	1	31
February	6	..	12	..	4	..	..	..	..	..	..	..	..	..	1	..	5	28
March	11	..	13	..	2	..	..	..	..	..	..	..	..	..	..	..	5	31
April	5	2	5	..	1	..	..	..	..	..	..	..	1	..	3	3	10	30
May	3	..	7	..	1	..	..	..	..	..	..	..	..	..	2	4	14	31
June	4	..	..	..	..	..	1	..	1	..	..	..	3	2	9	2	8	30
July	1	..	1	..	1	..	..	..	..	..	..	..	2	1	11	..	14	31
August	2	..	1	..	..	..	..	..	..	..	..	..	1	1	15	1	10	31
September	1	..	2	..	2	..	1	..	..	..	..	..	2	..	4	3	15	30
October	3	..	2	2	4	..	..	..	..	..	..	..	..	..	2	1	17	31
November	1	1	9	..	7	..	..	..	..	..	..	..	..	..	..	..	12	30
December	1	..	15	..	6	..	2	..	..	..	1	..	..	..	1	1	4	31
TOTAL	49	6	73	2	33	..	4	..	1	..	5	1	9	4	48	15	115	365

14 Hours.

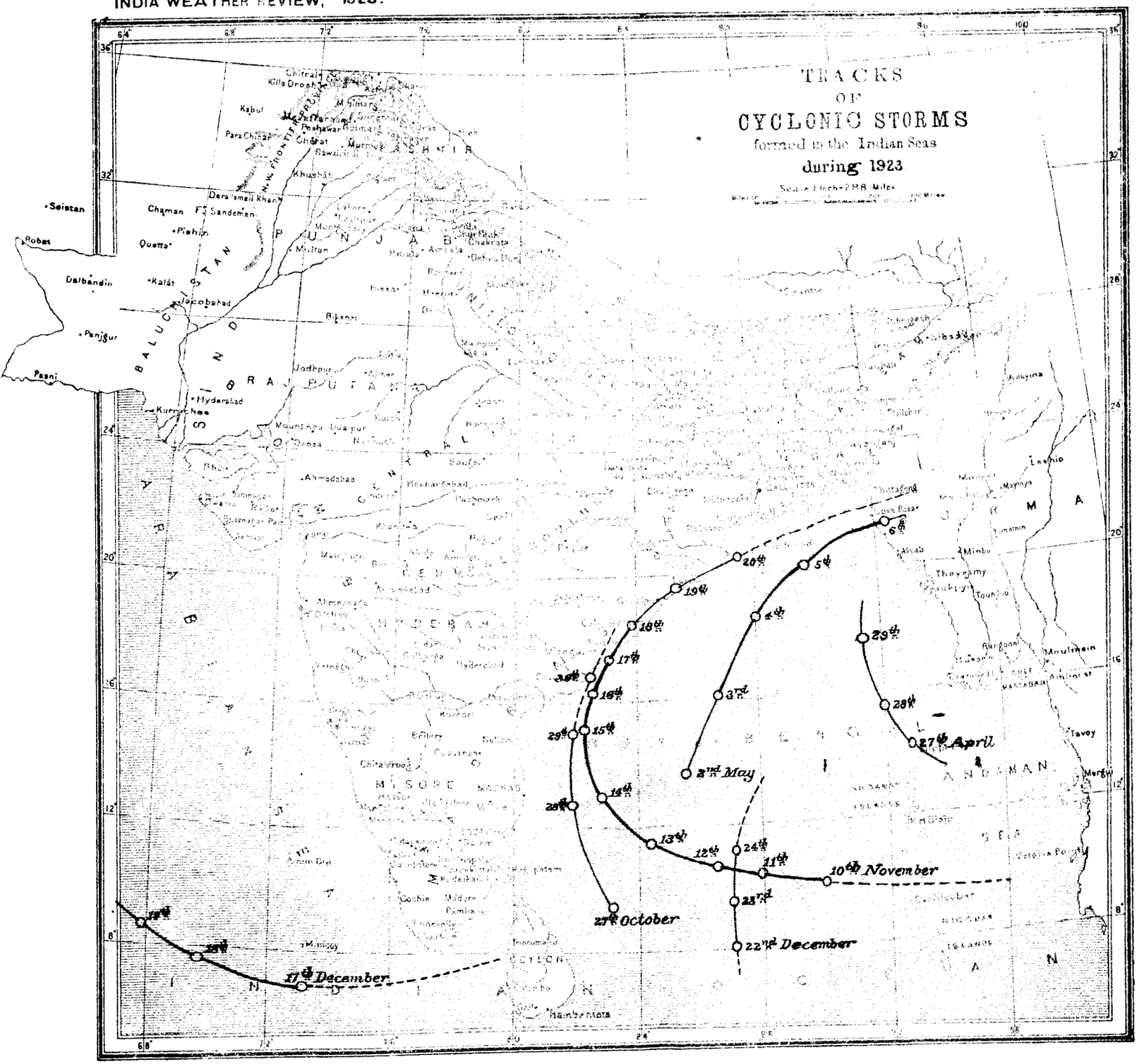
Month.	C 0	N N E 1	N E 2	E N E 3	E 4	E S E 5	S E 6	S S E 7	S 8	S S W 9	S W 10	W S W 11	W 12	W N W 13	N W 14	N N W 15	N 16	TOTAL.
January	3	..	..	..	..	..	..	..	1	3	17	2	3	2	..	..	..	31
February	..	..	..	..	..	..	..	..	..	1	14	4	9	..	..	..	..	28
March	1	..	..	..	..	..	1	..	1	..	17	3	7	1	..	..	..	31
April	..	..	..	..	..	..	..	..	1	..	2	5	19	2	1	..	..	30
May	..	..	..	..	..	..	..	..	..	..	3	3	20	1	4	..	..	31
June	..	..	..	..	..	..	..	..	..	..	..	2	16	2	7	2	1	30
July	..	..	..	..	..	..	..	..	..	..	..	..	18	4	9	..	..	31
August	..	..	..	..	..	..	..	..	..	..	2	1	18	1	6	1	2	31
September	..	..	..	..	..	..	..	..	..	..	1	3	17	2	7	..	..	30
October	..	..	..	..	..	..	..	..	1	..	6	1	20	..	1	..	2	31
November	1	..	..	..	1	..	..	..	1	..	9	5	11	..	1	..	1	30
December	3	..	2	..	..	..	1	..	2	..	14	..	7	..	..	..	2	31
TOTAL	8	..	2	..	1	..	2	..	7	4	85	29	165	15	36	3	8	365

20 Hours.

Month.	C 0	N N E 1	N E 2	E N E 3	E 4	E S E 5	S E 6	S S E 7	S 8	S S W 9	S W 10	W S W 11	W 12	W N W 13	N W 14	N N W 15	N 16	TOTAL.
January	20	..	1	..	..	2	1	..	..	..	4	..	2	1	..	..	..	31
February	20	..	..	..	..	..	..	..	..	..	..	1	4	1	1	1	..	28
March	23	..	..	..	1	..	..	..	..	..	1	..	5	..	1	..	..	31
April	5	..	1	..	..	..	..	..	..	..	..	..	5	..	13	..	6	30
May	8	..	..	..	1	..	..	..	..	..	2	1	7	..	11	..	1	31
June	3	..	..	..	..	..	..	..	..	..	..	..	6	2	14	..	5	30
July	..	..	..	..	1	..	..	..	..	..	..	..	10	3	14	..	3	31
August	4	..	..	..	..	..	..	..	..	..	..	..	..	2	19	..	6	31
September	1	..	..	..	..	..	..	..	..	..	..	..	5	..	19	..	5	30
October	..	..	3	..	3	..	1	..	..	..	2	..	6	..	7	1	8	31
November	5	..	3	..	4	..	..	..	1	..	1	..	1	1	7	..	7	30
December	5	..	2	..	5	1	3	..	1	..	6	..	3	..	2	..	3	31
TOTAL	94	..	10	..	15	3	5	..	2	..	16	2	54	10	108	2	44	365

HIRA RAMALUSHMI,

Honorary Director, Trivandrum Observatory.



The track in the Arabian Sea of the storm of 17th to 22nd December, which lies outside the boundaries of the map, is defined by the following positions :—

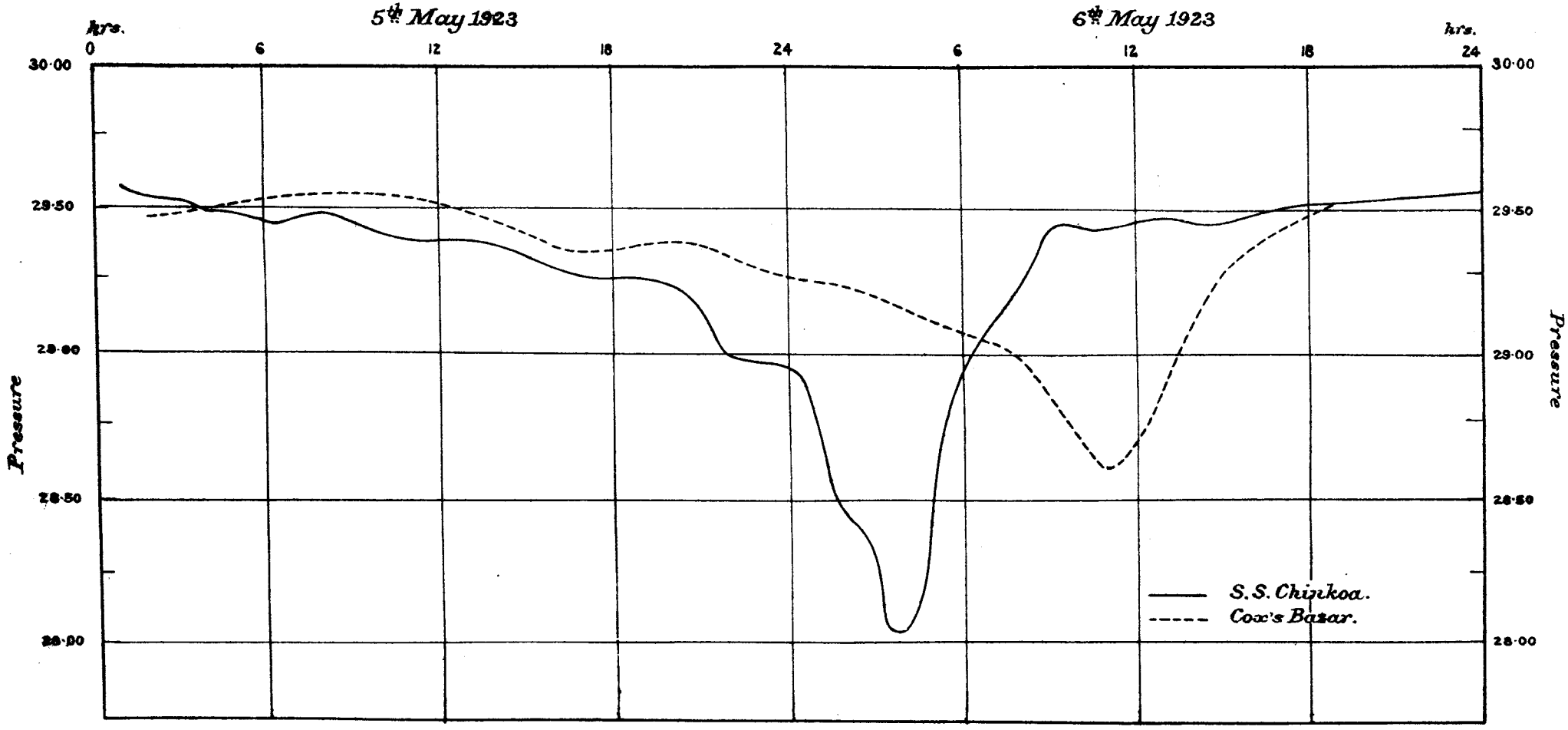
20th December 10°N. 65°E. *21st December 10°N. 63°E.* *22nd December 10°N. 61°E.*

- - - - - - - - Depression *———— Moderate storm* *———— Severe storm*

TRACKS
OF
DEPRESSIONS
formed in the Indian Seas
during 1923.
Scale 1 Inch=288 Miles
July 19th
September 28th
September 16th
January 6th
August 1st
October 1st
August 10th
August 21st
August 15th
July 8th
June 28th
BAY OF BENGAL
INDIAN OCEAN
ARABIAN SEA
ANDAMAN SEA
CEYLON
BOMBAY
MADRAS
CALCUTTA

Cyclone in the Bay of Bengal 3rd - 6th May 1923.

Curves showing the barometric pressure readings recorded on board the S. S. Chinkoa and at Cox's Bazar.



ERRATA SHEETS

For the Monthly Weather Reports, January to December, 1923.

JANUARY 1923.

Reference.	Figure Column.	For.	Read.
Tavoy	16, 17, 18, 19 and 20.	0, —0·20, 0, —0·4 and 0.	0·27, +0·07, 1, +0·6 and 0·27.
Kyaukpyu . . .	1, 2 and 3.	29·953, —·017 and N 27 E.	29·954, —016 and N 33 E.
Mandalay . . .	1, 2, 4, 5, 7, 8, 10, 11 and 15.	29·756, +·007, 2·2, 66·3, 84·7, +0·2, 57·4, +0·8 and 1·5.	29·762, +·013, 1·9, 66·2, 84·5, 0, 57·5, +0·9 and 1·7.
Do.	Omit the marks † and ‡ against the station and in column 4 respectively.		
Lashio	1, 2, 5, 6, 7, 8, 10, 11 and 15.	27·189, +·019, 51·8, 50·8, 75·3, +1·6, 46·9, +0·8 and 3·0.	27·190, +·020, 51·6, 50·7, 75·2, +1·5, 46·8, +0·7 and 3·2.
Do.	Omit the marks † and ‡ against the station and in column 4 respectively.		
Gauhati . . .	1, 2, 7, 8 and 15.	29·854, —·010, 76·3, +1·7 and 7·1.	29·855, —·009, 76·1, +1·5 and 7·2.
Do. . . .	Omit the marks † and ‡ against the station and in column 4 respectively.		
Silchar	1, 2, 3, 4, 5, 6, 7, 8, 10 and 11.	29·941, +·005, N 70 E, 1·3, 59·5, 57·0, 80·9, +3·0, 52·0 and —0·5.	29·942, +·006, N 66 E, 1·4, 59·4, 56·9, 80·8, +2·9, 52·1 and —0·4.
Do.	Omit the marks † and ‡ against the station and in column 4 respectively.		
Bogra	4	0·7	0·5
Balasore . . .	1, 2, 5, 6, 7, 8, 10, 11 and 15.	30·003, +·020, 63·9, 57·3, 82·5, +1·6, 53·4, —2·7 and 1·6.	30·002, +·019, 64·1, 57·4, 82·6, +1·7, 53·5, —2·6 and 1·7.
Do. . . .	Omit the mark † against the station.		
Chaibassa . . .	4	1·4	1·3
Gaya	4	1·3	1·1
Allahabad . . .	4	2·7	2·6
Bareilly . . .	4 and 5.	2·6 and 50·1.	2·7 and 50·0.
Ludhiana . . .	7 and 8.	66·4 and —0·4.	66·2 and —0·6.
Sialkot	3	N 36 W	N 28 W
Khushab . . .	7, 8, 9 and 15.	66·4, —1·7, 72·7 and 4·2.	66·6, —1·5, 74·0 and 3·9.
Srinagar . . .	16 and 17.	3·43″ and +0·67″.	3·45″ and +0·69″.
Sonamarg . . .	16 and 17.	16·96″ and +6·64″.	17·10″ and +6·78″.
Dras	10, 11 and 12.	—9·7, +1·7 and 29·0.	—8·4, +3·0 and —29·0.
Fort Sandeman . .	3 and 4.	S 59 E and 0·9.	S 69 E and 0·6.
Panjgur . . .	1 and 2.	26·826 and +·009.	26·828 and +·011.
Jacobabad . . .	4	0·8	0·5
Bikaner . . .	1, 2, 3, 4, 5, 6, 7, 8, 13, 14 and 15.	29·295, +·039, S 51 E, 2·9, 52·1, 45·3, 72·7, +0·7, 54, —2 and 3·0.	29·294, +·038, S 58 E, 2·7, 52·0, 45·4, 73·0, +1·0, 55, —1 and 2·9.
Do. . . .	Omit the marks (*d*) and (*e*) against the station and in column 4 respectively.		
Seoni	2	N 27 E	N 24 E
Nizamabad . . .	4	2·0	1·9
Hyderabad, Deccan .	5	64·8	64·9
Hanamkonda . .	1, 2, 4 and 5.	29·123, +·009, 1·6 and 69·7.	29·124, +·010, 1·5 and 69·6.
Chitaldrug . . .	16, 17 and 20.	0·04, —0·23 and 0·24.	0,—0·27 and 0.
Kurnool . . .	5 and 6.	66·9 and 60·7.	67·1 and 60·9.
Nellore	3, 4, 5, 10, 11 and 15.	N 35 W, 2·6, 70·9, 67·2, +0·1 and 4·8.	N 36 W, 2·5, 70·8, 67·1, 0 and 4·7.

JANUARY 1923—*contd.*

Reference.	Figure Column.	For.	Read.
Nellore	Omit the marks (*d*) and (*f*) against the station and in column 4 respectively.		
Gopalpur . . .	1, 2, 5, 6, 7, 8, 10 and 11.	29·976, —·011, 65·7, 60·8, 80·3, 0, 60·1 and —2·2.	29·978, —·009, 65·6, 60·7, 80·2, —0·1, 60·0 and —2·3.
Do.	Omit the marks (*d*) and (*e*) against the station and in column 4 respectively.		
Mussooree . . .	16, 17 and 20	3·32, +0·98 and 0·89.	3·33, +0·99 and 0·90.
Simla	9	(*j*) 34·2	(*i*) 34·2
Murree	1, 2, 3, 4, 5, 6, 10, 11, 15, 16, 17, 18 and 19.	23·986, +·024, S 26 E, (*e*) 7·1, 39·0, (*i*) 35·2, 38·8, +3·9, 6·1, 6·42, +2·69, 7 and +1·3.	23·980, +·018, S 25 E, (*d*) 7·4, 38·7, (*f*) 35·2, 38·5, +3·5, 6·2, 7·82, +4·09, 8 and 2·3.
Do.	Omit the mark (*d*) against the station.		
Parachinar . . .	9	55·6	56·8
Drosh	1, 2, 16, 17, 18 and 19.	25·170, —·080, 0·64, —0·27, 2 and —0·8.	25·167, —·083, 0·81, —0·10, 3 and +0·2
Ootacamund . . .	6, 7 and 8.	47·7, 66·8 and +1·2.	47·8, 66·9 and +1·3.
Kodaikanal . . .	16 and 17.	6·64 and +3·76.	6·65 and +3·77.
Colombo . . .	1 and 2.	29·860 and —·026.	29·855 and —·031.

FEBRUARY 1923.

Reference.	Figure Column.	For.	Read.
Victoria Point . .	5, 13 and 14.	77·3, 85 and +8.	77·2, 86 and +9.
Rangoon . . .	3	N 45 E	N 43 E
Lashio	4	1·9	1·7
Bhamo	1, 2, 7, 8, 10 and 11.	29·528, —·041, 79·7, —1·1, 57·0 and +4·4.	29·535, —·037, 80·1, —0·7, 56·8 and +4·2.
Sibsagar . . .	16, 17, 18 and 19.	2·71, +0·70, 6 and +0·7.	3·09, +1·08, 7 and +1·7.
Gauhati . . .	1 and 2.	29·759 and —·042.	29·758 and —·043.
Dhubri	16, 17, 18 and 19.	0·86, +0·13, 4 and +2·5.	0·68, —0·05, 3 and +1·5.
Narayenganj . . .	7 and 8.	78·8 and —2·8.	78·9 and —2·7.
Hukitala (False Point) .	3	S 43 E	S 24 E
Darbhanga . . .	6, 13 and 14.	56·6, 80 and +1.	57·0, 82 and +3.
Allahabad . . .	3	N 73 W	W
Bahraich . . .	4	2·3	1·9
Jhansi	16, 17, 18, 19 and 20.	0·10, —0·35, 0, —1·1 and 0·67.	0·21, —0·24, 1, —0·1, and 0·11.
Meerut	16 and 17.	2·65 and +1·77.	2·66 and +1·78.
Rawalpindi . . .	1, 2, 3, 4, 5, 6 and 15.	28·223, —·059, S 64 W, 1·1 (h), 48·3, 46·6 and 6·0.	28·229, —·053, S 69 W, 1·1, 48·2, 46·5 & 5·8 and omit (g) against the station.
Gilgit	6, 7, 8, 9 and 13.	36·7 (j), 52·8, +0·5, 61·4 and 62(j).	36·6, 52·4, +0·1, 61·2 and 62.
Peshawar . . .	4	1·0	0·9
Kalat	8	—82·4	—8·4
Pasni	10, 11 and 12.	....	Reject all figures.
Panjgur . . .	7 and 8.	64·4 and —2·7	64·7 and —2·4.
Page 6	Footnote.	(k), (h) and (t).	(h), (k) and (i).
Jacobabad . . .	4, 6, 13 and 14.	1·1 (g), 49·7, 59 and +3.	0·2, 49·6, 58 and +2.
Jaipur	1 and 2.	28·479 and —·047.	28·480 and —·046.
Dwarka . . .	1, 2, 3, 4, 5, 6, 7, 8, 10, 11 and 15.	29·921, —·049, N 10 W, 7·2, 67·6, 62·1, 77·6, —0·6, 64·2, +1·2 and 2·4.	29·925, —·045, N 6 W, 6·9, 67·4, 61·9, 77·9, —0·5, 64·1, +1·1 & 2·5, and omit (g) against the station.
Neemuch . . .	10 and 11.	50·8 and —0·9.	50·7 and—1·0.
Hoshangabad . .	4	2·3	2·1
Seoni	1 and 2.	27·856 and —·050.	27·855 and —·051.
Raipur	4	1·7	1·4
Jagdalpur . . .	1, 2, 16, 17, 18, 19 and 20.	28·087, —·038, 0·40, —0·96, 1, —0·3 and 0·40.	28·085, —0·40, 1·60, —0·36, 2, +0·7 and 0·60.
Marmagao . . .	5, 13, 14 and 15.	71·8, 82, —1 and 3·1.	71·7, 83, 0 and 2·8.
Sholapur . . .	4	5·6	6·2
Raichur . . .	1 and 2.	28·589 and —·015.	28·588 and —·016.
Hanamkonda . .	16 and 17.	0·10 and —0·25.	0·15 and—0·20.
Pamban . . .	3 and 4.	N 53 E and 6·4.	N 65 E and 5·9.
Coimbatore . . .	5	73·7	73·6

MARCH 1923.

Reference.	Figure Column.	For.	Read.
Toungoo	4, 7 and 8.	2·0, 97·1 and —0·1.	1·9, 97·2 (*d*) and 0.
Minbu	4	2·7	2·6
Mandalay . . .	1, 2, 4, 5, 6, 7, 8, 10, 11 and 13.	29·659, +·040, 3·1 (*g*), 80·5, 66·6, 99·6, +1·5, 68·4, +0·1 and 1·8.	29·662, +·043, +3·3, 80·4, 66·5, 99·3, +1·2, 68·3, 0 & 2·0 and omit (*e*) against the station.
Gauhati . . .	5	68·0	68·1
Narayanganj . . .	1, 2, 4, 5, 6, 10 and 11.	29·915, +·060, 1·0 (*e*), 72·7, 66·8, 66·2 and —1·9.	29·916, +·061, 1·0, 72·8, 67·0, 66·4 &—1·7, and omit (*d*) against the station.
Berhampore . . .	5, 13 and 14.	74·8, 62 and —7.	75·0, 61 and —8.
Mymensingh . . .	4	1·0	0·8
Jalpaiguri . . .	1, 2 and 4.	29·649, +·064 and 1·0.	29·648, +·063 and 1·1.
Balasore . . .	3, 6, 13 and 14.	S 35 W, 69·4, 73 and —2	S 41 W, 69·8, 75 and 0.
Hukitala (False Point) .	4	8·3 (*d*)	8·0
Ranchi	4 and 5.	2·8 and 70·5.	2·6 and 70·4.
Page 5	....	Omit the footnotes (*e*) Mean of 29 days and (*g*) Mean of 27 days.	
Purnea	3 and 4.	N 22 W and 2·4.	N 11 W and 2·3.
Patna	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13 and 14.	29·755, +·087, S 53 W, 2·5, 75·5, 62·9, 89·4, —0·1, 64·9, +1·0, 46 and —6.	29·749, +·081, S 48 W, 2·6, 75·7, 63·1, 89·6, +0·1, 65·2, +1·3, 47 and —5.
Page 6	....	Insert Gaya below Patna in the column of stations.	
Bahraich . . .	4, 10 and 11.	1·8, 57·3 (*b*) and —1·6.	1·7, 55·3 (*c*) and —1·6 (*c*).
Jhansi	4	3·7	3·2
Mainpuri . . .	13 and 14.	61 and +9.	60 and +8.
Khushab . . .	1, 2 and 4.	29·359, +·081 and 3·7.	29·358, +·080 and 3·6.
Lyallpur . . .	1 and 2.	29·310 and +·039.	29·311 and +·040.
Gilgit	1, 2, 3, 4, 5, 6, 7, 8, 10 and 11.	25·243, +·085, S 76 W, 0·9 (*f*), 50·2, 43·5, 62·9, +1·0, 45·4 and +0·6.	25·246, +·088, S 71 W, 0·9, 50·1, 43·3, 62·8, +0·9, 45·3 & +0·5, and omit (*g*) against the station.
Peshawar . . .	1, 2, 3, 4, 5, 6, 7, 8, 10, 11 and 15.	28·851, +·043, S 4 E, 1·6 (*f*), 55·8, 52·1, 74·8, —0·1, 52·0, +0·5 and 4·8.	28·855, +·047, S 8 E, 1·5, 55·5, 51·9, 74·7, —0·2, 51·9, +0·4 & 4·6, and omit (*g*) against the station.
Pasni	10, 11 and 12.	Omit all figures.	
Do.	15, 16, 17, 18 and 19.	0·6, 0·47, —0·46, 3 and +1·0.	0·7, 0·36, —0·57, 2 and +0·9.
Page 6	....	Omit the footnotes (*b*) Mean of 26 days, (*d*) Mean of 7 days and (*g*) Mean of 30 days.	
Jacobabad . . .	7 and 8.	88·3 and —2·3.	88·4 and —2·2.
Hyderabad (Sind) .	1, 2, 7, and 8.	29·825, +·025, 94·6 and +2·3.	29·826, +·026, 94·9 and +2·6.
Jodhpur . . .	6, 13 and 14.	56·6, 29 and —8.	56·2, 28 and —4.
Kotah	4	1·0	1·1
Amraoti . . .	16 and 17.	1·21 and +0·90.	1·28 and +0·97.
Hoshangabad . .	4	2·4	2·2
Seoni	6	60·8	60·7
Jagdalpur . . .	1, 2, 4, 6, 7, 8, 13, 14 and 15.	28·123, +·046, 1·7 (*e*), 65·7, 92·0, —1·8, 64, +3 and 1·9.	28·126, +·049, 1·6, 65·6, 91·9, —1·9, 66, +2 & 1·8, and omit (*d*) against the station.

MARCH 1923—*contd.*

Reference.	Figure Column.	For.	Read.
Nizamabad . . .	3	S 31 E	S 27 E
Gulbarga . . .	15	1·6	1·7
Raichur. . . .	1 and 2.	28·616 and +·069.	28·615 and +·068.
Hyderabad (Deccan) .	7 and 8.	93·3 and —3·4.	93·1 and —3·6.
Chitaldrug . . .	16, 17, 18 and 19.	0·61, +0·36, 1 and +0·4.	0·87, +0·62, 3 and +2·4.
Mysore	4	1·8	1·5
Calicut	6, 13 and 14.	76·0, 82 and +5.	75·6 (*e*), 81 (*e*), and +4.
Cochin	5, 7, 8, 9 and 12.	81·2, 90·4, —0·9, 92·9 and 73·6.	81·4, 90·3, —1·0, 92·7 and 72·9.
Trivandrum . . .	15	4·1	3·8
Trichinopoly . . .	10 and 11.	73·5 and +0·7.	73·6 and +0·8.
Salem	4	10·1	10·6
Masulipatam . . .	3	N 65 E	N 63 E
Calingapatam . .	7 and 8.	89·8 and —1·5.	89·9 and —1·4.
Shillong . . .	1 and 2.	25·212 and +·115.	25·211 and +·114.
Mukteswar . . .	4	5·6	6·2
Mussoorce . . .	16, 17, 18, 19 and 20.	0·10, —3·10, 1, —5·4 and 0·10.	0·08, —3·12, 0, —6·4 and 0·08.
Murree	10, 11 and 12.	....	Omit all figures.
Page 8	....	Omit footnote (*k*) Mean of 23 days and insert (*e*) Mean of 27 days.	

APRIL 1923.

Reference.	Figure Column.	For.	Read.
Mergui	16 and 17.	4·19 and —1·09.	4·13 and —1·15.
Mandalay . . .	10, 11 and 12.	76·8, —0·5 and 72·0.	76·6, —0·7 and 71·0.
Tezpur	4	3·4	3·7
Gauhati . . .	4	1·9	1·8
Barisal	1 and 2.	29·747 and —·035.	29·746 and —0·36.
Chaibasa . . .	6 and 13.	72·8 and 61.	72·7 (c) and 61 (c).
Page 29 . . .	Insert footnote (c) Mean of 29 days.		
Purnea	15, 16 and 17.	3·2, 1·30 and +0·08.	3·1, 1·32 and +0·10.
Patna	Omit the mark (b) from column 4.		
Bahraich . . .	7 and 8.	100·9 and +2·4.	100·2 and +1·7.
Do. . . .	Omit the figures from columns 10 and 12.		
Mainpuri . . .	4	1·8	1·5
Hissar	4	4·9	4·8
Srinagar . . .	5	55·6	55·5
Gilgit	5	60·3	60·2
Peshawar . . .	1 and 2.	28·653 and —·048.	28·650 and —·051.
Dalbandin . . .	5, 13 and 14.	64·9, 40 and —5.	65·1, 39 and —6.
Page 30 . . .	Omit the footnote (f) Mean of 7 days.		
Ajmer	1 and 2.	28·129 and —·060.	28·128 and —·061.
Hoshangabad . .	4	1·9	1·6
Chanda . . .	4	3·5	3·4
Sholapur . . .	1 and 2.	28·194 and —·030.	28·193 and —·031.
Aurangabad . . .	7 and 8.	101·1 and —0·5.	101·3 and —0·3.
Nizamabad . . .	4	2·7	2·4
Hanamkonda . .	1, 2, 3, 4, 6, 13 and 14.	28·878, —·046, S 22 E, 4·1 (c), 74·2, 60 and —1.	28·880, —·044, S 24 E, 4·2, 74·3, 61 and 0 .
Do. . . .	Omit the mark (b) against the station.		
Cuddapah . . .	10, 11 and 12.	81·3, +0·5 and 71·9.	81·6, +0·8 and 74·0.
Bellary	4	4·0	3·9
Nellore	1, 2, 4, 7, 8 and 15.	29·698, —·042, 4·3 (c), 99·4, —0·4 and 1·9.	29·699, —·041, 4·4, 99·3, —0·5 and 2·0
Do.	Omit the mark (b) against the station.		
Calingapatam . .	16, 17 and 20.	0, —1·16 and 0.	0·03, —1·13 and 0·03.
Gopalpur . . .	1, 2, 3, 5, 6, 7, 8, 10 and 11.	29·680, —·068, S 29 W, 81·7, 78·8, 87·9, 0, 76·7 and —0·4.	29·677, —·071, S 28 W, 81·8, 79·0, 88·0, +0·2, 76·8 and —0·3.
Do. . . .	Omit the mark (b, against the station.		
Mussooree (a) . .	16, 17 and 20.	0, —2·44 and 0.	0·03, —2·41 and 0·03.
Murree	4	6·8	7·2
Parachinar . . .	10, 11, 16, 17, 18 and 19	48·2, +1·8, 4·68, +0·35, 10 and +1·1.	48·3, +1·9, 4·83, +0·50, 11 and +2·1.
Mercara	4	2·6	2·3
Page 32	Omit footnotes (b) Mean of 29 days and (c) Mean of 28 days.		

MAY 1923.

Reference.	Figure Column.	For.	Read.
Victoria Point . .	4, 6, 10, 11, 15, 16, 17, 18 and 19.	5·0 (c), 78·2, 76·4, +0·1, 6·4, 13·52, —3·56, 21 and +2·4.	4·9, 78·5, 76·5, +0·2, 6·5, 13·78, —3·30, 22 and +3·4.
Do. . . .	Omit the mark (b) against the station.		
Kyaukpyu . . .	4, 16 and 17.	1·4 (c), 8·38 and —7·86.	1·5, 8·29 and —7·95.
Akyab	16 and 17.	19·76 and +5·81.	19·75 and +5·80.
Yamethin . . .	6, 13 and 14.	75·8, 78 and +3.	75·9, 79 and +4
Mandalay . . .	4	4·1	4·0
Bhamo	1, 2 and 4.	29·351, —·013 and 0·7.	29·350, —·014 and 0·5.
Dhubri	16, 17 and 20.	27·72, +13·03 and 6·62.	21·72, +7·03 and 3·27.
Saugor Island . .	4	15·4	15·9
Mymensingh . . .	16 and 17.	12·47 and —0·07.	11·56 and —0·98.
Dinajpur . . .	4, 5, 6, 7, 8, 13, 14, 15, 16, 17, 18 and 19.	3·6 (c), 79·2, 74·5, 91·3, —0·6, 79, —1, 4·6, 4·71, —2·88, 7 and —1·9.	3·5, 79·0, 74·4, 91·4, —0·5, 80, 0, 4·8, 5·01, —2·58, 8 and —0·9.
Do. . . .	Omit the mark (b) against the station.		
Hukitala (False Point) .	1, 2, 4 and 15.	29·641, —·012, 13·8 and 4·6.	29·638, —·015, 14·3 and 4·7.
Ranchi	1, 2, 3, 4, 5, 6, 7, 8, 13, 14 and 15.	27·550, —·008, S 37 W, 3·7 (c), 83·4, 69·4, 99·8, +1·3, 49, —3 and 2·1.	27·549, —·009, S 40 W, 3·7, 83·7, 69·2, 100·0, +1·5, 48, —4 and 2·0.
Do. . . .	Omit the mark (b) against the station.		
Purnea	4	4·0	3·5
Darbhanga . . .	1 and 2.	29·465 and —·040	29·462 and —·043.
Naya Dumka . .	1, 2, 3, 5, 6, 10, 11, 13, 14, 15, 16, 17, 18 and 19.	29·130, —·044, S 20 E, 86·9, 76·5, 78·4, +1·4, 62, —5, 2·0, 3·01, —0·52, 5 and —0·1.	29·129, —·045, S 22 E, 86·7, 76·8, 78·2, +1·2, 63, —4, 2·2, 4·49, +0·96, 6 and +0·9.
Do. . . .	Omit the mark (b) against the station.		
Gorakhpur . . .	Insert the mark (b) in column 4.		
Lucknow . . .	4	1·1	1·0
Mainpuri . . .	1, 2, 3, 4, 5, 6, 10, 11, 13 and 14.	29·084, —·028, N 78 W, 1·9 (g), 91·4, 71·9 (g), 77·8, —0·7, 36 (g) and —5.	29·087, —·025, N 74 W, 1·8, 91·0, 72·0 (b), 77·6, —0·9, 37 (b) and —4.
Do. . . .	Omit the mark (d) against the station and insert 3 in the figure column 18.		
Khushab . . .	3, 4 and 6.	N 65 E, 4·7 and 70·1.	N 69 E, 4·8 and 70·0.
Dras	3	S 84 W	S 83 W
Panjgur . . .	3	N 43 E	N 48 E
Page 38 . . .	Omit footnotes (d) Mean of 28 days and (g) Mean of 27 days.		
Bikaner . . .	4, 5 and 6.	5·3, 86·7 and 72·2.	6·9, 86·6 and 72·0.
Kotah	7 and 8.	107·1 and —1·2.	106·7 and —1·6.
Akola	1 and 2.	28·791 and +·001.	28·790 and 0.
Seoni	1, 2, 5, 13 and 14.	27·674, —·008, 90·5, 29 and —4.	27·675, —·007, 90·9, 27 and —6.
Nagpur . . .	13 and 14.	33 and 0.	32 and —1.
Jagdalpur . . .	1, 2, 3, 5, 6, 7, 8, 10 and 11.	27·895, —·017, S 73 W, 87·7, 76·6, 103·5, +4·3, 75·7 and +1·0.	27·894, —·018, S 74 W, 87·8, 76·8, 103·6, +4·4, 75·9 and +1·2.
Do. . . .	Omit the mark (b) against the station.		

MAY 1923—*contd.*

Reference.	Figure Column.	For.	Read.
Karwar . . .	1, 2, 3 and 4.	29·759, —·007, N 6 W and 4·2 (*c*).	29·760, —·006, N 5 W and 4·3.
Do. . . .	Omit the mark (*b*) against the station.		
Ahmadnagar . . .	7 and 8.	102·2 (*b*) and —0·1.	102·1 (*c*) and +0·8.
Page 39 . . .	Omit the footnote (*b*) Mean of 30 days.		
Negapatam . . .	5, 13 and 14.	85·4, 70 and 0.	85·6, 69 and —1.
Kurnool . . .	5	84·1	84·2
Cherrapunji . . .	4	6·8	7·1
Parachinar . . .	1 and 2.	24·338 and —·013.	24·341 and —·010.
Drosh	16 and 17.	1·48 and —0·47	1·46 and —0·49.
Mount Abu . . .	5	75·6	75·7

JUNE 1923.

Reference.	Figure Column.	For.	Read.
Port Blair . . .	6	77·4	77·3
Mergui	7, 8 and 9.	84·1, —1·4 and 90·2.	83·9, —1·6 and 88·5.
Kyaukpyu . . .	5 and 6.	81·9 and 79·2.	82·0 and 79·3.
Minbu	7 and 8.	92·8 and +0·5.	92·7 and +0·4.
Mandalay . . .	1, 2, 5, 9, 13, 14 and 15.	29·356, —·066, 86·6, 106·2, 70, —6 and 6·9.	29·356, —·064, 86·5, 105·5, 71, —5 and 7·0.
Do. . . .	Omit (*c*) against the station.		
Monywa . . .	10 and 11.	78·8 and 0·2.	79·0 and +0·4.
Dibrugarh . . .	1, 2, 4, 7, 8, 16 and 17.	29·222, —·045, 0·7, 86·7, —0·3, 15·95 and —3·30.	29·223, —·044, 0·6, 87·3, +0·3, 15·96 and —3·29.
Gauhati . . .	4	1·7	1·5
Dhubri	4	5·4	5·8
Cox's Bazar . . .	16 and 17.	26·49 and —5·24.	25·59 and —6·14.
Barisal	16 and 17.	13·02 and —3·31.	13·03 and —3·30.
Burdwan . . .	4	2·2	2·1
Jalpaiguri . . .	4	1·7	1·2
Hukitala (False Point) .	4, 15, 16, 17, 18 and 19.	11·9 (*d*), 5·1, 3·65, —4·99, 6 and —4·2.	12·0, 5·2, 3·81, —4·83, 7 & —3·2, and omit (*c*) against the station.
Sambalpur . . .	3	S 45 W	S 43 W
Ranchi	1 and 2.	27·399 and —·037.	27·400 and —·036.
Hazaribagh . . .	16, 17 and 20.	4·08, —5·05 and 0·97.	5·08, —4·05 and 1·55.
Page 45 . . .	Omit the footnote (*d*) Mean of 28 days.		
Purnea	16 and 17.	12·31 and +1·21.	12·22 and +1·12.
Naya Dumka . .	1, 2, 3, 4, 5, 7, 8, 10, 11, 12, 15, 16, 17, 18, 19 and 20.	28·975, —·075, S 64 E, 1·4 (*b*), 86·0, 97·5, +4·3, 80·1, +2·0, 72·2, 5·3, 7·24, —2·83, 10, —2·2 and 1·48.	28·976, —·074, S 60 E, 1·3, 86·1, 97·3, +4·1, 80·4, +2·3, 77·0, 5·2, 5·76, —4·31, 9, —3·2 and 1·09.
Benares . . .	1 and 2.	29·200 and —·046.	29·201 and —·045.
Agra	6	76·1	75·9
Ambala . . .	1 and 2.	28·548 and —·072.	28·549 and —·071.
Khushab . . .	7, 8 and 9.	108·5, +1·2 and 117·0.	108·7, +1·4 and 117·2.
Lyallpur . . .	4	2·2	2·1
Leh	1 and 2.	19·630 and —·024.	19·633 and —·021.
Skardu	1, 2 and 5.	22·706, —·022 and 67·2.	22·705, —·023 and 67·1.
Fort Sandeman . .	3	S 45 W	S 63 W
Dalbandin . .	15	2·0	1·9
Page 46 . . .	Omit the footnote (*b*) Mean of 29 days.		
Dwarka . . .	3	S 62 W	S 63 W
Veraval . . .	6, 7, 8, 9, 13 and 14.	79·6, 86·7, +0·6, 95·1, 84 and —1.	79·9, 86·4, +0·3, 88·1, 86 and +1.
Hoshangabad . .	1 and 2.	28·583 and ·002.	28·582 and —·003.
Saugor	1, 2 and 3.	27·752, —·015 and N 84 W.	27·753, —·014 and N 86 W.

JUNE 1923—*contd.*

Reference.	Figure Column.	For.	Read.
Jubbulpore . . .	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20.	28·195, —·035, S 83 W, 3·0, 91·5, 71·8, 105·7, +7·9, 84·8, +5·9, 78·8, 37, —24, 2·1, 0·11, —7·21, 0, —9·0 and 0·06.	28·193, —·037, S 80 W, 3·2, 91·1, 72·0, 105·5, +7·7, 84·6, +5·7, 76·5, 39, —22, 2·4, 0·61, —6·71, 1, —8·0 & 0·50, and omit (*c*) against the station.
Jagdalpur . . .	4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 16, 17, 18 and 19.	3·1, 86·5, 79·2, 100·1, +9·8, 78·5, +4·4, 72, —3, 5·4, 2·76, —6·75, 5 and —6·9.	3·2, 86·1, 79·0, 100·0, +9·7, 78·3, +4·2, 73, —2, 5·5, 3·20, —6·31, 6 & —5·9, and omit (*c*) against the station.
Malegaon . . .	7	102·0	102·0 (*o*)
Ahmadnagar . . .	5 and 7.	81·7 and 97·9 (*o*).	82·1 and 97·9.
Parbhani . . .	In the figure column 20 insert 0.		
Nizamabad . . .	10, 11 and 12.	82·6, +5·5 and 78·2.	82·7, +5·6 & 78·3, and insert 0 in the figure column 20.
Page 47 . . .	Omit the footnote (*c*) Mean of 29 days.		
Coimbatore . . .	6, 13 and 14.	75·1, 81 and +1.	75·4, 82 and +2.
Cuddapah . . .	15, 16 and 17.	5·5, 1·13 and —1·80.	5·6, 1·12 and —1·81.
Chakrata . . .	7, 8 and 9.	82·0 (*c*), +7·9 and 90·6.	81·7 (*d*), +7·6 and 89·7.
Mercara . . .	16 and 17.	17·24 and —9·12.	17·26 and —9·10.
Page 48 . . .	Omit the footnote (*c*) Mean of 29 days.		

JULY 1923.

Reference.	Figure Column.	For.	Read.
Page 49, para. 2, line 7 .		Gangeti.	Gangetic.
Mandalay	1, 2 and 4.	29·389, —0·16 and 7·2 (*b*).	29·390, —·015 and 6·8.
Bhamo	4, 7 and 8.	0·4 (*d*), 88·4 and +0·2.	0·4, 88·7 and +0·5.
Dibrugarh	4	1·3	0·6
Silchar	1, 2, 16 and 17.	29·509, —·003, 15·42 and —4·32.	29·510, —·002, 15·32 and —4·42.
Barisal	16 and 17.	22·14 and +6·54.	22·33 and +6·73.
Jessore	6, 13, 14, 16 and 17.	79·1, 88·0, 10·37 and—1·83.	79·0, 87, —1, 10·36 and —1·84.
Balasore	16, 17, 18 and 19.	4·72, —6·18, 11 and —3·1.	5·58, —5·32, 12 and —2·1.
Hukitala (False Point) .	1 and 2.	29·486 and —·030.	29·487 and —·029.
Sambalpore	1, 2, 16 and 17.	28·981, —·080, 17·16 and —2·86.	28·982, —·079, 17·20 and —2·82.
Hazaribagh (*a*) . .	16, 17, 18 and 19.	14·46, +2·02, 18 and +0·6.	15·26, +2·82, 19 and +1·6.
Patna	16 and 17.	10·31 and —1·63.	10·26 and —1·68.
Benares	1 and 2.	29·202 and —0·31.	29·201 and —·032.
Lucknow	1, 2, 3, 5, 6, 10, 11, 15, 16, 17, 18 and 19.	29·108, —·021, S 60 E, 84·1, 80·1, 79·7, +0·2, 8·0, 10·17, —1·28, 12 and —1·1.	29·106, —·023, S 58 E, 84·0, 80·0, 79·6, +0·1, 8·1, 11·07, —·038, 13 & —0·1, and omit (*b*) against the station.
Delhi	1 and 2.	28·770 and —·008.	28·769 and —·009.
Rawalpindi	4, 6, 13 and 14.	1·8, 73·9, 61 and —7.	1·5, 74·2, 62 and —6.
Lyallpur	16 and 17.	1·48 and —1·37.	1·56 and —1·29.
Dras	16, 17, 18 and 19.	1·08, +0·49, 4 and +2·6.	1·20, +0·61, 5 and +3·6.
Leh	16, 17, 18, 19 and 20.	0·69, +0·23, 3, +1·8 and 0·13.	0·85, +0·39, 4, +2·8 and 0·16.
Fort Sandeman . .	4	4·0 (*h*)	3·5 (*j*)
Harnai	16 and 17.	0·95 and —2·54.	0·96 and —2·53.
Page 54	Omit the footnotes (*b*) Mean of 30 days and (*h*) Mean of 24 days and insert (*j*) Mean of 22 days.		
Jacobabad	1, 2, 3, 4, 5, 7, 8, 10 and 11.	29·215, —·023, S 70 E, 4·7 (*c*), 91·6, 105·6, —3·1, 86·3 and +1·5.	29·218, —·020, S 69 E, 4·6, 91·7, 105·5, —3·2, 86·4 & +1·6, and omit (*b*) against the station.
Hyderabad (Sind) . .	7, 8 and 9.	103·5, +4·3 and 108·0.	103·2, +4·0 and 107·8.
Ajmer	1 and 2.	27·870 and —·066.	27·871 and —·065.
Udaipur	16 and 17.	7·48 and +0·23.	8·49 and +1·24.
Rajkot	4	13·7	14·2
Surat	16, 17, 18 and 19.	16·21, —0·49, 14 and —1·7.	17·06, +0·36, 16 and +0·3.
Indore	7, 16 and 17.	5·1, 17·69 and +7·82.	85·1, 17·76 and +7·89.
Sutna	3	28 W	S 28 W
Hoshangabad . .	4	3·0	2·9
Jagdalpur	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18 and 19.	27·763, —·047, 4·5 (*i*), 75·7, 73·1, 83·6, —0·3, 96·6, 71·9, —0·1, 88, +4, 9·3, 7·30, —6·25, 12 and —5·4.	27·764, —·046, 4·5, 76·3, 73·2, 82·7, —1·2, 87·4, 72·1, +0·1, 87, +3, 9·2, 7·68, —5·87, 13 & —4·4 and omit (*e*) against the station.
Marmagao	1, 2, 3, 4, 6, 7, 8, 16, 17, 18 and 19.	29·680, +·010, S 66 W, 8·4, 76·4, 81·3, —2·5, 51·83, +20·60, 27 and +1·5.	29·676, +·006, S 65 W, 83, 76·3, 81·2, —2·6, 54·19, +22·96, 28 & +2·5, and omit (*b*) against the station.
Ahmadnagar	1, 2, 4, 7 and 8.	27·488, —·038, 6·4, 83·4 and —2·2.	27·487, —·039, 6·6, 83·3 & —2·3 and omit (*b*) against the station.

JULY 1923—*contd.*

Reference.	Figure Column.	For.	Read.
Page 55 . . .	Omit the footnotes (*b*) Mean of 30 days, (*c*) Mean of 29 days, (*e*) Mean of 27 days and (*i*) Mean of 23 days.		
Raichur . . .	4	7·0	?
Hyderabad (Deccan) .	4, 16 and 17.	9·5, 8·24 and +1·75.	9·4, 8·44 and +1·95.
Chitaldrug . . .	4	8·8	8·3
Cuddapah . . .	7, 8 and 9	97·0 (*b*), +1·1 and 99·9.	97·1 (*b*), +1·2 and 102·6.
Bellary	10 and 11.	74·2 and —0·7.	74·3 and —0·6 and omit (*b*) against the station.
Cocanada . . .	4	8·6	8·1
Cherrapunji . . .	16, 17 and 20.	84·79, —13·72 and 9·50.	84·69, —13·82 and 9·40.
Darjiling . . .	16 and 17.	42·95 and +10·64.	42·97 and +10·66.
Mussooree (*a*) . .	16 and 17.	28·98 and —4·32.	29·00 and —4·30.
Parachinar . . .	15, 16 and 17.	2·4, 2·38 and —1·00.	2·1, 2·47 and —0·91.

AUGUST 1923.

Reference.	Figure Column.	For.	Read.
Mandalay . . .	1, 2 and 4.	29·395, —·048 and 4·0.	29·396, —·047 and 3·8.
Monywa . . .	6, 16 and 17.	76·7, 8·97 and +4·42.	76·6, 9·02 and +4·47.
Dibrugarh . . .	4, 5, 13 and 14.	0·6, 80·8, 88 and —5.	0·4, 80·9, 87 and —6.
Sibsagar . . .	1 and 2.	29·266 and —·060.	29·265 and —·061.
Cox's Bazar . . .	16, 17, 18 and 19.	42·68, +12·17, 23 and +0·4.	42·78, +12·27, 24 and +1·4.
Narayanganj . . .	16 and 17.	15·06 and +2·32.	15·01 and +2·27.
Barisal	16 and 17.	24·45 and +10·83.	24·40 and +10·78.
Jessore	1, 2, 4, 7, 8, 15, 16 and 17.	29·493, —·076, 2·4 (*c*), 86·3, —2·2, 9·3, 10·41 and —0·54.	29·496, —·073, 2·3, 86·4, —2·1, 9·4, 10·44 and —0·51 and omit (*b*) against the station.
Saugor Island . .	3, 4, 16 and 17.	S 65 W, 13·5, 29·40 and +15·22.	S 58 W, 14·0, 29·43 and +15·25.
Burdwan . . .	1 and 2.	29·396 and —·090.	29·397 and —·089.
Berhampore . . .	4, 16, 17, 18 and 19.	2·7 (*e*), 5·87, —6·08, 13 and —3·6.	2·6, 5·97, —5·98, 14 and —2·6, and omit (*b*) against the station.
Mymensingh . . .	16, 17, 18 and 19.	11·82, —3·82, 16 and —3·1.	12·12, —3·52, 17 and —2·1.
Hukitala (False Point) .	16, 17, 18 and 19.	16·90, +3·81, 20 and +5·0.	17·70, +4·08, 21 and +6·0.
Sambalpur . . .	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 16, 17, 18 and 19.	29·036, —·070, S 40 W, 4·0 (*e*), 77·4, 76·2, 83·4, —3·5, 75·9, —1·2, 26·59, +7·40, 20 and +0·8.	29·032, —·074, S 41 W, 4·3, 77·3, 76·1, 83·1, —3·8, 75·8, —1·3, 26·97, +7·78, 21 and +1·8 and omit (*c*) against the station.
Chaibasa . . .	1 and 2.	28·745 and —·086.	28·744 and —·087.
Page 61 . . .	Omit the footnotes (*c*) Mean of 29 days and (*e*) Mean of 27 days.		
Naya Dumka. . .	1, 2, 16, 17, 18 and 19.	28·005, —·085, 14·13, +1·12, 22 and +4·0.	29·006, —·084, 12·49, —0·52, 20 and +2·0.
Gorakhpur . . .	16, 17, 18 and 19.	8·54, —5·45, 10 and —4·9.	8·72, —5·27, 11 and —3·9.
Lucknow . . .	4	1·0 (*b*)	1·0
Bahraich . . .	1, 2 and 15.	29·122, —·031 and 2·2.	29·126, —·027 and ?
Bareilly . . .	1 and 2.	28·936 and —·055.	28·935 and —·056.
Roorkee . . .	4	1·3	0·8
Delhi	4	1·2 (*d*)	1·2 (*e*)
Ludhiana . . .	16 and 17.	10·30 and +3·36.	10·39 and +3·45.
Sialkot . . .	6, 13 and 14.	78·7, 91 and +11.	78·9, 92 and +12.
Montgomery . . .	4	1·9	1·8
Multan	1, 2, 3, 10, 11 and 15.	29·053, —·030, S 36 E, 83·3, +0·8 and 3·7.	29·050, —·033, S 15 E, 83·2, +0·7 and 3·6 and omit (*b*) against the station.
Gulmarg . . .	4, 7 and 8.	2·5, 68·4 and —0·3.	2·3, 68·6 and —0·1.
Fort Sandeman . .	4, 5 and 6.	1·0 (*e*), 77·3 and 69·7.	1·0 (*d*), 77·2 and 69·5.
Harnai (*a*) . . .	16, 17, 18 and 19.	5·26, +1·69, 5 and —0·4.	5·46, +1·89, 6 and +0·6.
Page 62 . . .	Omit the footnotes (*b*) Mean of 30 days and (*c*) Mean of 27 days and insert (*e*) Mean of 29 days.		
Hyderabad (Sind) . .	1 and 2.	29·374 and —·063.	29·375 and —·062.
Veraval . . .	7, 8, 9, 10, 11 and 12.	82·0, —0·3, 88·1, 78·1, +0·1 and 72·3.	81·8, —0·5, 84·1, 78·3, +0·3 and 76·6.
Amraoti . . .	1 and 2.	28·407 and —·031.	28·406 and —·032.

AUGUST 1923—*contd.*

Reference.	Figure Column.	For.	Read.
Seoni	13 and 14.	89 and +2.	88 and +1.
Ahmadnagar . . .	4	8·3	8·5
Mangalore . . .	16 and 17.	31·21 and + 8·67.	32·11 and +9·57.
Pamban . . .	1, 2, 3, 4, 7, 8, 10 and 11.	29·742, +·003, S 19 W, 12·4 (*c*), 89·5, +0·2, 78·3 and —0·2.	29·743, +·004, S 18 W, 12·0, 89·6, +0·3, 78·2 and —0·3 and omit (*b*) against the station.
Vizagapatam . .	4	11·9	11·2
Maymyo . . .	1 and 2.	26·183 and —·083.	26·185 and —·081.
Cherrapunji . . .	1, 2, 4, 5, 7, 8, 15, 16, 17, 18 and 19	25·472, —·055, 3·9 (*c*), 68·3, 73·9, +1·7, 7·4, 32·67, —47·17, 26 and —0·7.	25·473 —·054, 4·0, 68·2, 73·8, +1·6, 7·5, 36·39, —43·45, 27 and +0·3 and omit (*b*) against the station.
Darjiling . . .	1, 2, 3, 5, 7, 8, 10, 11, 16, 17, 18 and 19.	22·806, —·040, N 63 E, 61·5, 68·5, +2·0, 58·3, +0·7, 13·93, —12·19, 17 and —7·1.	22·808, —·038, N 59 E, 61·6, 68·6, +2·1 58·4, +0·8, 14·74, —11·38, 18 and —6·1.
Mukteswar . . .	4	6·7	7·0
Dalhousie (*a*) . .	16	25·27	25·26
Parachinar . . .	16, 17, 18 and 19.	8·25, +4·62, 10 and +2·3.	8·62, 4·99, 11 and +3·3.
Drosh	5 and 6.	77·6 and 69·7.	77·5 and 69·6.
Mount Abu . . .	16, 17, 18 and 19.	9·04, —3·27, 21 and +3·6.	19·54, —2·77, 22 and +4·6.
Mercara . . .	16, 17, 18 and 19.	53·00 +27·55, 28 and +1·7.	53·80, +28·35, 29 and +2·7.
Page 64 . . .	Omit the footnotes (*b*) Mean of 30 days and (*c*) Mean of 29 days.		

SEPTEMBER 1923.

Reference.	Figure Column.	For.	Read.
Mergui	15	3·0	2·7
Toungoo . . .	1, 2, 5, 7, 8, 15, 16 and 17.	29·642, +·014, 79·2, 87·9, —1·1, 5·2, 10·07 and —2·01.	29·643, +·015, 79·3, 88·0, —1·0, 5·1, 10·14 and —1·94 and omit (c) against the station.
Kyaukpyu . . .	5 and 6.	81·0 and 77·9.	81·1 and 78·1.
Yamethin . . .	7, 8, 16, 17, 18 and 19.	89·2, —1·4, 9·21, +2·05, 9 and —1·6.	88·8, —1·8, 9·37, +2·21, 10 and —0·6.
Lashio	4	1·3	1·4
Gauhati . . .	16 and 17	2·78 and —4·09.	2·72 and —4·10.
Silchar	16, 17, 18 and 19.	20·21, +5·80, 18 and +2·7.	20·71, +6·30, 19 and +3·7.
Saugor Island . .	16 and 17.	4·26 and —6·50.	4·31 and —6·45.
Hukitala (False Point) .	16, 17, 18 and 19	13·41, +3·41, 16 and +3·9.	13·55, +3·55, 17 and +4·9.
Patna	1, 2, 3, 4, 5, 7, 8, 10 and 11.	29·534, +·035, S 73 E, 3·5 (d), 84·8, 90·7, +1·2, 79·9 and +1·1.	29·532, +·033, S 70 E, 3·4, 84·9, 90·6, +1·1, 79·8 and +1·0 and omit (c) against the station.
Gorakhpur . . .	16, 17, 18 and 19.	4·10, —3·97, 9 and +0·1.	5·37, —2·70, 11 and +2·1.
Allahabad . . .	4	2·7	2·5
Bahraich . . .	16 and 17.	13·70 and +4·98.	14·60 and +5·88.
Bareilly . . .	4	1·7	1·5
Dehra Dun (a) . .	16 and 17.	13·42 and +3·70.	13·45 and +3·73.
Delhi	5, 13 and 14.	79·2, 73 and +2.	79·3, 72 and +1.
Lyallpur . . .	5	80·3	80·4
Sonamarg (a) . .	16, 17, 18 and 19.	0·58, —2·89, 2 and —5·5.	0·72, —2·75, 3 and —4·5.
Dras	4, 5, 6, 7, 8, 10, 11, 13, 14 and 15.	7·5 (d), 49·7, 42·4, 66·5, —2·7, 39·4, —0·7, 58, —5 and 1·4.	7·3, 49·8, 42·5, 66·7, —2·5, 39·6, —0·5, 59, —4 and 1·3 and omit (c) against the station.
Dera Ismail Khan .	6	72·7 ( ).	72·7 (f).
Kalat	1, 2, 4, 5, 6, 7, 8, 10, 11, 13 and 14	23·681, —·010, 5·2 (d), 49·7, 42·8 (e), 80·3, —4·2, 42·2, +0·5, 49 (e) and +5.	23·679, —·008, 5·1, 50·1, 42·9 (e), 80·7, —3·8, 42·6, +0·9, 48 (e) and +4 and omit (c) against the station.
Pasni	3	N 20 W	N 15 W
Page 70 . . .	Omit the footnotes (d) Mean of 28 days and read (e) Mean of 27 days for (e) Mean of 26 days.		
Bhuj	16 and 17.	0·24 and —1·64.	0·30 and —1·58.
Rajkot	1, 2, 16, 17, 18 and 19.	29·310, —·019, 3·22, —0·56, 3 and —2·0.	29·311, —·018, 3·31, —0·47, 4 and —1·0.
Surat	16 and 17.	3·02 and —2·87.	3·10 and —2·79.
Saugor	10 and 11.	71·6 and +0·1.	71·5 and 0.
Jubbulpore . . .	1 and 2.	28·365 and —·010.	28·366 and —·009.
Pendra . . .	Omit the figures in columns 1 and 2.		
Jagdalpur . . .	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 15, 16, 17, 18 and 19.	27·916, —·001, S 45 W, 1·9 (e), 77·0, 74·0, 86·2, +·09, 71·6, +0·2, 7·0, 6·44, —4·64, 15 and +1·1.	27·915, —·002, S 36 W, 1·9, 76·8, 73·9, 86·0, +0·7, 71·5, +0·1, 7·1, 7·19, —3·89, 16 and +2·1 and omit (d) against the station.
Marmagao . . .	3, 4, 5, 7 and 8	N 40 W, 4·8, 77·2, 82·1 and —1·3.	N 35 W, 4·7, 77·3, 82·2, —1·2, and omit (c) against the station.
Ahmadnagar . . .	4	5·3	5·1

SEPTEMBER 1923—*contd.*

Reference.	Figure Column.	For.	Read.
Parbhani . . .	16 and 17.	17·12 and +8·68.	17·13 and +8·69.
Page 71 . . .	Omit the footnotes (*e*) Mean of 27 days and (*s*) Mean of 13 days.		
Hyderabad (Deccan) .	16, 17 and 20.	8·94, +1·90 and 3·00.	7·87, +0·83 and 1·93.
Madura . . .	4	4·3	4·2
Coimbatore . . .	1, 2, 3, 4, 5 and 6.	28·458, —·016, S 40 W, 5·2 (*d*), 77·0 and 72·3.	28·456, —·018, S 39 W, 5·1, 77·1, 72·4 and omit (*c*) against the station.
Gopalpur . . .	1, 2, 16, 17, 18 and 19.	29·650, —·009, 9·41, +1·90, 13 and +3·4.	29·649, —·010, 8·91, +1·40, 12 and +2·4.
Shillong . . .	5	68·4	68·3
Mount Abu . . .	6, 13 and 14.	63·3, 68 and —11.	63·6, 69 and —10.
Mercara . . .	1, 2, 4, 5, 6, 10, 11, 16 and 17.	26·127, —·010, 4·2 (*d*), 64·8, 63·2, 61·2, —·04, 10·19 and —0·63.	26·126,—·011, 4·2, 64·7, 63·5, 61·1, —0·5, 10·28, —0·54 and omit (*c*) against the station.
Colombo . . .	1, 2, 3, 4, 10, 11, 13, 14, 15, 16, 17, 18, 19 and 20.	29·820, —·018, S 49 W, 4·3 (*d*), 76·1, —0·6, 88, +4, 8·0, 11·07, +6·19, 16, +7·6 and 1·42.	29·821, —·017, S 51 W, 4·2, 76·0, —0·7, 87, +3, 8·1, 13·43, +8·55, 17, +8·6, 2·36, and omit (*c*) against the station.
Page 72 . . .	Omit the footnote (*d*) Mean of 28 days.		

OCTOBER 1923.

Reference.	Figure Column.	For.	Read.
Moulmein . . .	16, 17, 18 and 19.	7·16, —1·54, 14 and +3·0.	7·26, —1·44, 15 and +4·0.
Rangoon . . .	1, 2, 3, 4, 5, 7, 8, 10, 11 and 15.	29·876, +·025, N 62 E, 2·4, 79·6, 88·6, +1·0, 76·5, +0·7 and 7·7.	29·875, +·024, N 59 E, 2·5, 79·7, 88·7, +1·1, 76·6, +0·8 and 7·8 and omit (*b*) against the station.
Yamethin . . .	16, 17, 18 and 19.	4·96, —0·59, 5 and —2·9.	5·81, +0·26, 6 and —1·9.
Mandalay . . .	1, 2 and 4.	29·636, +·015 and 2·6.	29·637, +·016 and 2·2.
Dibrugarh . . .	1, 2, 16, 17, 18, 19 and 20.	29·560, +·027, 1·85, —3·95, 5, —3·2 and +0·50.	29·559, +·026, 3·32, —2·48, 8, —0·2 and +0·61.
Silchar	1 and 2.	29·813 and +·033.	29·812 and +·032.
Pag 77 . . .	Omit the footnote (*b*) Mean of 30 days.		
Gaya . . .	16 and 17	1·00 and —1·07.	1·09 and —1·08
Ludhiana . . .	3	S 75 E	E
Srinagar . . .	16 and 17.	1·68 and +0·59.	1·69 and +0·60.
Dras	4	7·2	8·0
Leh	16 and 17.	0·53 and +0·36.	0·59 and +0·42.
Nowgong . . .	10, 11 and 12.	63·2, —2·0 and 57·5.	62·8, —1·6 and 57·1.
Khandwa . . .	4	2·7	2·6
Hoshangabad . .	3 and 4.	S 45 W and 0·3.	Calm and 0·2.
Ahmadnagar . . .	3 and 4.	S 56 E (*d*) and 3·3.	S 56 E and 3·2.
Page 79 . . .	Omit the footnote (*d*) Wind observations of 30 days.		
Hanamkonda . .	1 and 2.	29·003 and +·029.	29·005 and +·031.
Raichur . . .	3	N 3 W	N 38 W
Chitaldrug . . .	1 and 2.	27·490 and +·018.	27·492 and +·020.
Mysore	16 and 17.	2·11 and —4·35.	2·09 and —4·37.
Cuddalore . . .	7, 8, 9, 10 and 11.	88·1, —0·5, 96·7, 75·5 and +0·6.	87·9, —0·7, 94·5, 75·6 and +0·7.
Calingapatam . .	16 and 17.	3·90 and —3·22.	3·98 and —3·14.
Shillong . . .	16, 17, 18 and 19.	2·93, —3·87, 7 and —3·0.	3·35, —3·45, 8 and —2·0.
Cherrapunji . . .	16, 17, 18 and 19.	3·43, —17·83, 6 and —3·1.	3·87, —17·39, 7 and —2·1.
Darjiling . . .	4, 9, 10 and 11.	2·0, 68·8, 49·0 and —1·1.	1·8, 68·9, 48·9 and —1·2.

NOVEMBER 1923.

Reference.	Figure Column.	For.	Read.
Page 82 . . .	Insert "," after Rajputana and omit "," after west in line 18.		
Moulmein . . .	16, 17 and 20.	167, —0·51 and 1·25.	2·67, +0·49 and 2·25.
Minbu	10 and 11.	68·8 and —0·1.	68·7 and —0·2.
Gauhati . . .	4	1·4	1·2
Dhubri	1, 2, 4, 6 and 15.	29·833, —·040, 2·9 (*d*), 66·3 and 3·6.	29·831, —0·42, 2·8, 66·2 and 3·5 and omit (*c*) against the station.
Calcutta . . .	20	0·2	0·62
Balasore . . .	1, 2, 3, 6, 7 and 8.	29·892, —·030, N 4 E, 66·3, 83·6 and —0·5.	29·893, —0·29, N 2 E, 66·2, 83·5 and —0·6.
Cuttack . . .	7, 8, 10, 11 and 14.	81·4, —3·5, 65·9, —0·4 and +6.	81·7, —3·2, 66·0, —0·3 and +7.
Purnea	1 and 2.	29·843 and —·023.	29·845 and —·021.
Gaya	4	0·7	0·5
Ludhiana . . .	16, 17, 18, 19 and 20.	0·14, 0·03, 1, +0·7, and +0·10.	0·50, +0·39, 2, +1·7 and 0·40.
Montgomery . . .	5	55·9	60·0
Dras	10, 11 and 12.	16·1, +2·9 and 2·2.	15·9, +2·7 and —4·6.
Kalat	10 and 11.	23·4 and —4·2.	23·2 and —4·4.
Dalbandin . . .	6 and 13.	37·3 (*g*) and 49. (*g*)	36·8 (*g*) and 46 (*g*).
Bhuj	20	1	0
Rajkot	10, 11, 13 and 14.	57·8, —2·2, 50 and +1.	58·1, —1·9, 49 and 0.
Ahmadabad . . .	11	+0·7	—0·7
Nowgong . . .	10, 11 and 12.	53·5, +0·5 and 44·6.	53·1, +0·1 and 44·2.
Sutna	16 and 17.	0·03 and —0·31.	0·05 and —0·29.
Hoshangabad . .	4	0·4	0·3
Seoni	3	N 25 E	N 23 E
Nagpur . . .	16, 17 and 20.	0·08, —0·63 and 0·08.	0, —0·71 and 0.
Jagdalpur . . .	16 and 17.	0·71 and +0·08.	0·76 amd +0·13.
Karwar . . .	5, 13 and 14.	71·0, 84 and +1.	70·8, 85 and +2.
Malegaon . . .	11	0·8	—0·8.
Bijapur . . .	3	N 73 E	N 71 E
Cochin	1, 2, 4, 5, 6, 7, 8, 10 and 11.	29·895, +·018, 3·4 (*d*), 80·5, 76·0, 87·9, +0·3, 75·4 and +0·9.	29·894, +·017, 3·3, 80·4, 76·1, 87·8, +0·2, 75·3 and +0·8, and omit (*c*) against the station.
Pamban . . .	10, 11 and 12.	77·8, +1·8 and 72·4.	77·9, +1·9 and 76·1.
Madura . . .	7 and 8.	89·8 and +2·4.	89·7 and +2·3.
Vizagapatam . . .	3, 16, 17 and 20.	N 11 W, 10·92, +7·17 and 5·62.	N 15 W, 20·91, +17·16 and 10·65.
Calingapatam . .	1, 2, 3, 4, 5, 6, 7, 10, 11, 13, 14, 15, 16, 17, 18, 19 and 20.	29·908, —·016, N 12 W, 7·5 (*j*), 74·6, 70·6, 84·6, 69·5, —0·5, 81, —2, 3·5, 5·36, +1·66, 3, +0·1 and 3·90.	29·889, —·035, N 16 W, 6·4 (*g*), 74·4 (*d*), 70·7 (*d*), 84·6 (*d*), 69·4 (*d*), —0·6, 82 (*d*), —1, 3·8, 16·49, +12·79, 4, +1·1 and 11·4 and omit (*g*) against the station.
Murree . . .	4	4·2	3·6
Pachmarhi . .	4 and 8.	2·1 and +1·0.	2·0 and +1·6.
Kodaikanal . .	1, 2, 3, 6, 7, 8, 13, 14 and 15.	22·779, —·002, N 11 E, 50·4, 63·8, +2·6, 71, —12 and 5·6.	22·780, —·001, N 16 E, 50·5, 63·9, +2·7, 72, —11 and 5·8 and omit (*c*) against the station.
Page 88 . .	Omit the footnotes (*c*) mean of 29 days and (*j*) mean of 22 days.		

DECEMBER 1923.

Reference.	Figure Column.	For.	Read.
Port Blair . . .	6	76·3	76·4
Victoria Point . .	4	5·4	5·3
Mergui	4	3·5	3·4
Bassein . . .	1, 2 and 4.	29·950, +·006 and 2·9 (*c*).	29·951, +·007 and 3·3 (*i*).
Diamond Island . .	1, 2, 4, 7, 8 and 15.	29·902, —·010, 7·3 (*c*), 78·3, 84·9, +1·2 and 4·1.	29·901, —·011, 7·2, 78·4, 85·0, +1·3 and 4·0 and omit (*b*) against the station.
Kyaukpyu . . .	3	N 58 E	N 60 E
Yamethin . . .	10 and 11.	60·5 and +2·0.	60·4 and +1·9.
Mandalay . . .	4	1·6	1·5
Monywa . . .	3, 4, 5, 6, 7, 8, 13, 14, 15, 16, 17, 18 and 19.	N 15 W, 1·4, 65·6, 62·5, 82·7, +1·5, 84, —3, 5·1, 0·72, +0·38, 3 and +2·2.	N 13 W, 0·9, 65·4, 62·3, 82·8, +1·6, 83, —4, 4·9, 0·61, +0·27, 2 and +1·2.
Bhamo	4	0·6	0
Dibrugarh . . .	13 and 14.	93 and —2.	94 and —1.
Bogra	4	0·9	0·8
Jalpaiguri . . .	1 and 2.	29·758 and +·004.	29·769 and +·015.
Sambalpur . . .	1 and 2.	29·542 and —·012.	29·541 and —·013.
Page 93 . . .	Omit the footnote (*b*) Mean of 30 days and insert (*i*) Mean of 23 days.		
Patna	10 and 11.	54·5 and +2·7.	54·6 and +2·8.
Gaya	5	65·8	65·7
Allahabad . . .	3 and 4.	W and 2·0.	S 86 W and 1·9.
Bahraich . . .	4 and 5.	1·6 and 56·3.	1·5 and 56·2.
Jhansi	10 and 11.	49·9 and —1·4.	50·1 and —1·2.
Agra	1 and 2	29·483, and —·013.	29·484 and —·012.
Mainpuri . . .	4	0·3	0·1
Sialkot	1, 2 and 4.	29·222, +·019 and 0·8.	29·221, +·018 and 0·7.
Rawalpindi . . .	7, 8 and 9.	67·1, +0·3 and 77·3	66·7, —0·1 and 73·9.
Peshawar . . .	16, 17, 18, 19 and 20.	0·03, —0·56, 0, —1·3 and 0·03.	0·15, —0·44, 1, —0·3 and 0·12.
Dera Ismail Khan .	6, 13 and 14.	40·6 (*b*), 47 (*b*) and —25.	41·0 (*b*), 48 (*b*) and —24.
Dalbandin . . .	1, 2, 3, 4, 7, 8, 10 and 11.	27·285, +·035, N 51 E, 1·9(*c*), 63·6, —0·2, 30·9 and —2·5.	27·284, +·034, N 48 E, 2·0, 63·8, 0, 30·8 and —2·6 and omit (*b*) against the station.
Panjgur . . .	17	0·41	—0·41.
Page 94 . . .	Omit the footnote (*c*) Mean of 29 days.		
Akola	1 and 2.	29·082 and —·002.	29·081 and —·003.
Hoshangabad . .	1 and 2.	29·026 and +·003.	29·025 and +·002.
Saugor	7	9·2	79·2
Jubbulpore . . .	4	1·4	1·2
Jagdalpur . . .	1 and 2.	28·196 and +·028.	28·192 and +·024.
Bijapur . .	4	3·5	3·0
Nizamabad . . .	1, 2, 15 and 20.	28·727, +·013, 2·1 and 9.	28·726, +·012, 1·9 and 0.

DECEMBER 1923—*contd.*

Reference.	Figure Column.	For.	Read.
Hyderabad (Deccan) .	16, 17 and 20.	0·04, —0·15 and 0·04.	0, —0·19 and 0.
Cochin	5, 10, 11 and 12.	79·3, 74·7, +1·9 and 69·8.	78·9, 75·0, +2·2 and 70·1.
Pamban . . .	16, 17, 18 and 19.	9·13, +1·64, 16 and +6·6.	9·23, +1·74, 17 and +7·6.
Negapatam . . .	6	72·7	73·3
Kurnool . . .	1, 2, 4 and 6.	29·055, +·002, 0·7 (*c*) and 63·5.	29·052, —·001, 0·7 and 63·4, and omit (*b*) aganist the station.
Nellore	1, 2, 3, 4, 5, 6, 10, 11, 16, 17 and 20.	29·921, +·004, N 14 W, 2·0 (*c*), 72·8, 69·9, 68·8, +0·7, 0·22, —2·97 and 0·09.	29·922, +·005, N 15 W, 2·0, 72·7, 69·8, 68·7, +0·6, 0·13, —3·06 and 0·05, and omit (*b*) against the station.
Cocanada . . .	3, 4 and 15.	N 34 E, 8·4 (*c*) and 4·6.	N 35 E, 8·6 and 4·5, and omit (*b*) against the station.
Calingapatam . .	1, 2, 4, 5, 6, 7, 8, 10, 11, 13 and 15.	30·01 (*c*), +·012, 8·0 (*c*), 68·1 (*c*), 64·6 (*c*), 79·5 (*c*), —1·4, 62·8 (*c*), +0·6, 82(*c*) and 3·2.	30·011, +·013, 8·1, 68·0 (*b*), 64·6 (*b*), 79·4 (*b*), —1·5, 62·7 (*b*), +0·5, 82 (*b*) and 3·1, and omit (*b*) against the station.
Mukteswar . . .	4	7·1	7·4
Mussooree . . .	16 and 17.	5·75 and +4·62.	4·89 and +3·76.
Drosh	6, 7, 8 and 9.	3·60, 48·0, —3·3 and 57·5.	36·0, 47·7, —3·6 and 56·1.
Mercara . . .	4	4·2	4·1

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