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GOVERNMENT OF INDIA

METEOROLGICAL DEPARTMENT

INDIAN WEATHER REVIEW, 1946

ANNUAL SUMMARY

PART A

SUMMARY OF WEATHER WITH TABLES

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pt. A
1946

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Director General of Observatories

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(*Continued to outer back cover*)

Errata and Addenda to India Weather Review, 1946, Annual Summary, Part A.

E R R A T A.

Reference	Column	Replace the existing figures, if any, by
Pages A6-A7.		
Cox's Bazar	12	53
Balasore	1	Balasore*
Pages A8-A9.		
Jhansi	50	124
Pages A10-A11		
Karachi	1	Karachi (Manora)
Pages A14-A15		
Madras	52	0
Pages A16-A17		
Heading	20	17 hours.
Kabul	22	-5
Pages A22-A23		
Reti- February.	44	2
Pages A24-A25		
Kashgar - December.	29	-4.7, 0
Kuwait - June to Sept. and November.	30	Delete 0.
Pages A26-A27		
Heading	16, 18, 22	Mean 4 hrs., Mean 4 hrs., Departure from normal
Page A28		
Kargil	3	+1.5
Page A30		
Srinagar - February and Year.	2, 3	845.6, 840.2
Page A32		
Poona - Sept., Nov., Year	26, 9, 24	6, 67.1, 130
Bangalore - November	22	0
Page A34		
Calcutta - April	11	24, 25.
New Delhi	2	July*
Foot-note read		(c) - Mean of 28 days. (f) - Mean of 25 days. (r) - Mean of 13 days.
Page A37		
Trivandrum - December	4	6
Page A39		
Lahore - September	19	0
Poona - March, May	12, 10	5.6, 8.9
Pages A44-A45		
Central Provinces, East	28	+0.4
Page A49		
Berar	9, 15	+0.19, +2.82
Bombay (Dn)	8	31.41
Page A51		
(Bengal)		
Chittangong Hill Tracts	3	August 11.
(Bombay)		
Thana	3	July 5

P.T.O.

A D D E N D A

Table XV - Showing rainfall of 10" and over, with amounts in the preceding and following 24 hrs. during the year 1946.

Province and District.	Station	Date	Amount		
			Preceding day.	On date in column 3	Succeeding day.
1	2	3	4	5	6
BENGAL					
Chittagong	Cox's Bazar	Aug. 8	7.55	11.41	6.92
ORISSA					
Sambalpur	Ambabhona	Aug. 16	0.61	10.25	2.70
EASTERN STATES					
Sarangarh	Sarangarh	Aug. 7	1.70	11.45	0.15
RAJPUTANA					
Jodhpur	Bhinmal	Aug. 5	0.05	10.00	0
Sirohi	Abu Road	Aug. 4	0.31	10.00	0.33
CENTRAL INDIA					
Rewa State	Pushparajgarh	June 25	3.75	16.50	0.15
MADRAS					
South Kanara	Bantwal	Aug. 7	1.74	11.45	3.76
"	Udipi	Aug. 7	0.27	10.50	6.29
Kistna	Masulipatam	Nov. 9	0	10.43	1.02
Guntur	Ongole	Nov. 17	0.45	10.17	0
Nellore	Buchireddipalayam	Nov. 8	0	10.72	6.92
Tanjore	Mayavaram	Nov. 16	0.25	10.74	0.40
Trichinopoly	Palaviduthi	Nov. 30	0	10.45	1.00
Malabar	Lakkidi	July 9	7.47	12.35	11.90
"	"	July 10	12.35	11.90	7.75
"	Tagarapady	July 10	8.65	10.80	6 48
Coorg	Mercara	July 10	6.50	10.20	5.88
"	Makut	July 9	7.60	10.25	8.30

INDIA WEATHER REVIEW, 1946

ANNUAL SUMMARY.

PART A.

Weather and Rainfall of 1946.

Summary.—The cold weather period January and February as a whole, was unusually deficient in rain over the entire Indian area, notwithstanding widespread thundershowers over the central parts of the country, the United Provinces and Bihar during the second half of February. The rainfall during the hot weather period March to May was abundant in northeast India and the United Provinces, as well as in the south Peninsula, while elsewhere over the country it was in marked defect. The monsoon appeared over the west coast about the normal time and although it did not penetrate into the interior till the end of the third week of June, its activity over the country till the middle of September was normal, there being no pronounced breaks. Consequently the rainfall over the period June to September was normal or in excess over the whole country, excepting Sind and the Punjab where it was in defect. During the retreating southwest monsoon period, October to December, a large number of Cyclonic storms and depressions formed in the Bay of Bengal; many of these moved across the Peninsula into the Arabian Sea and curved back into the mainland, one moving northwards and entering Bengal. As a result, the total rainfall for this period was in large excess—by as much as 95 per cent.—except in Sind and Baluchistan.

I. *Cold Weather Period—January and February.*—Twelve western disturbances in all affected the country, six each in January and February. The second disturbance in *January* gave local to widespread showers in the North-West Frontier Province and Kashmir between the 12th and 15th and local showers in the Punjab on the 15th. The fifth disturbance gave widespread to local precipitation over Kashmir and the North-West Frontier Province between the 24th and 26th and local precipitation in the east and north Punjab on the 23rd. The other western disturbances in January were feeble and confined their activity to Baluchistan, the North-West Frontier Province and Kashmir. Weather was generally dry over the rest of the country during the month except for a temporary strengthening of northeast monsoon which caused fairly widespread rain in southeast Madras on the 19th and 20th.

Of the six western disturbances in *February,* only the third and fifth were active. The third disturbance caused widespread precipitation in Kashmir and the hill districts of the east Punjab and the west United Provinces on the 12th and 13th and local rain in the North-West Frontier Province on 11th and 12th. But the inflow of moist air into the country induced by this disturbance resulted in widespread thunderstorms in the Deccan and the central parts of the country from 15th to 17th and in Chota Nagpur, Bihar and Bengal on the 18th. The fifth western disturbance, in association with a secondary low over Central India, caused widespread rain in the east and north Punjab, the North-West Frontier Province, east Rajputana and west Central India from 22nd to 24th. Thundershowers extended into the United Provinces and the Central Provinces on the 23rd and 24th and over northeast India on the 25th.

The total rainfall for the cold weather period was normal in the east United Provinces, Gujarat and north Hyderabad and in slight defect in the North-West Frontier Province and east Rajputana. Elsewhere it was in moderate to large defect, there being no rainfall in Sind and the Konkan. Averaged over the plains of India it was 55 per cent. in defect.

The mean maximum temperatures were normal in Orissa, Berar, the east Central Provinces and the Peninsula excluding the Konkan and above normal elsewhere. The mean minimum temperatures were below normal in Orissa, the east Central Provinces, south Hyderabad, the Madras Deccan and the north Madras coast and normal elsewhere except in Kashmir where it was above normal. Humidity was normal. Cloud amount was normal in the Punjab the North-West Frontier Province and Sind and in defect elsewhere.

II. *The Hot Weather Period—March to May.*—Marked thunderstorm activity over the country was the dominant feature in the second half of *March,* while the earlier half was a period of generally deficient or scanty rainfall. Six western disturbances affected the country during the month, of which the third gave widespread thundershowers along the northwest frontier and a few showers in the Punjab, the United Provinces and Central India, between the 9th and 11th. The fourth gave local to widespread precipitation in the North-West Frontier Province and Kashmir during the third week and the fifth was responsible for nearly general precipitation in the North-West Frontier Province, Kashmir and the Punjab hills between the 21st and 24th. Following a spell of dry weather in the first half of the month, the South Peninsula experienced during the second half, well distributed thundershowers in association with a low pressure wave moving westwards from the southwest Bay of Bengal. Thunderstorm activity continued over the country outside northwest India for the rest of the month and was very marked in northeast India during the last two days.

Only the first two of the five western disturbances in *April* were active. The first gave widespread showers in Kashmir and the hills of the west United Provinces on the 5th and 6th and was also responsible for a large inflow of moist air into northeast India where extensive thunderstorms occurred from the 8th to 10th. The second disturbance caused widespread showers in Kashmir and local thunderstorms in the west United Provinces. Thunderstorm activity commenced in the central parts of the country and the Deccan towards the end of the second week and spread to all parts of the country excluding northwest India during the second half of the month. Thunderstorms gave heavy rain in the Bombay Deccan and Hyderabad during the third week and in Bengal and Assam during the last week.

May again was a month of widespread thunderstorms over most parts of the country. Violent nor'westers occurred in the beginning of the month in northeast India, Calcutta experiencing a thundersquall of over 80 m.p.h. on the evening of the 2nd May. During the middle of May there was marked thunderstorm activity in the east United Provinces and over the hills of the west United Provinces, while in the second half of the month nor'westers became more pronounced in the eastern half of northeast India ; in the Shillong and Noakhali districts these nor'westers caused considerable damage including loss of life. In the south of the Peninsula local thunderstorms occurred on the 9th and 10th. Some of these were severe and were responsible for the breakdown of the electric supply system in many places in southeast Madras. Of the eight western disturbances which passed across the country during May, the first caused local or scattered precipitation in Kashmir and the North-West Frontier Province on the 4th and 5th. The next two gave rise to local thundershowers in the east and north Punjab and Kashmir from the 18th to 21st with numerous dust-storms over the region from Lower Sind to the west United Provinces. In association with the last two western disturbances two spells of general thunderstorms occurred, one along the belt of the country from Kashmir to Orissa on the 24th and the other in the North-West Frontier Province and Kashmir and along and near the hills of the east Punjab between the 25th and 29th.

The first advance of the southwest monsoon over Malabar occurred on the 28th and widespread rain continued there for the next three days.

The total rainfall for the season was in moderate to large excess in Bengal, Orissa, Chota-Nagpur, Bihar, the United Provinces, the Konkan, the Bombay Deccan and the north Madras coast, in slight excess in Mysore, southeast Madras and the Madras Deccan and normal in Assam and Malabar. It was in slight defect in the east Central Provinces and Hyderabad and moderate to large defect elsewhere. No rain fell in Sind. Averaged over the plains of India the rainfall for the period was 10 per cent. in excess.

Mean maximum temperatures were above normal in northwest India excluding east Rajputana and below normal in Chota-Nagpur and Bihar. Elsewhere they were normal. Mean minimum temperatures were normal except in the Punjab, Kashmir, the North-West Frontier Province and west Rajputana where they were above normal. Relative humidity was in excess in Bihar, the United Provinces, Central India and Mysore and normal elsewhere. Cloud amount was in excess in Bihar, the United Provinces, Sind and Mysore and in defect in Rajputana.

III. *The Southwest Monsoon period—June to September.*—The first advance of the monsoon over Malabar occurred on the 28th of May. Ushered in by a cyclonic storm which moved away westwards the monsoon reached in strength up to Bombay by the 5th of *June* with heavy rain in the Konkan on that day ; but up to the middle of June the rains were confined to the coastal districts. The Bay branch reached east Bengal and Assam by the 9th but did not extend appreciably westwards. The Arabian Sea branch strengthened on the 17th giving heavy rain to Malabar on the next two days. It extended into Gujarat by the 18th and continued vigorous there for the next four days when very heavy rain fell in south Kathiawar and east Gujarat causing floods and damage to crops and property. The Bay branch began to extend westwards by the 22nd and became established over the whole of northeast India and the United Provinces by the 23rd. About the same time the Arabian Sea branch also extended further into the central parts of the country and Rajputana. Both the branches of the monsoon remained active over the country till the 29th of June and widespread rain with locally heavy falls occurred along the belt of the country from Gujarat to Chota-Nagpur during this period. Helped by a western disturbance the monsoon was temporarily drawn into northwest India and gave widespread thundershowers in the east and north Punjab, west Rajputana and Lower Sind on the last three days of the month.

The monsoon was fairly active over the country excepting northwest India during the first week of *July*, while during the second week its activity was confined to Malabar, Assam and the submontane regions of Bengal and Bihar. Heavy rains in the eastern Himalayas and the Khasi hills during the second week caused extensive floods in east Bengal especially in and around Chittagong district. The activity of the monsoon in the interior of the country was revived and maintained during the second half of July by the formation and movement across the country of one land depression and two depressions from the Bay of Bengal. From the 20th to 30th rainfall was widespread and locally heavy in the Central Provinces and adjoining parts of Central India. Widespread rain fell in Orissa and the north Madras coast on the 25th and 26th and in Gujarat, southeast Rajputana, the United Provinces, the Bombay Deccan and Hyderabad on the last four days of the month. In the eastern half of northwest India, there were two spells of thundershowers—one between the 13th and 16th and the other between the 21st and 24th.

The Arabian Sea branch of the monsoon remained generally active over Malabar, the Konkan and Gujarat during *August*. The passage in quick succession across the country of four depressions from the Bay of Bengal kept both branches of the monsoon active during the first three weeks when widespread rain with frequent spells

of heavy falls occurred over the country outside northwest India and the southeastern division of the Peninsula. There was a general weakening of the monsoon activity after the 22nd of August. However a land depression from north Bengal moving as a low pressure wave westwards gave widespread rain with locally heavy falls in Orissa, east Central India, the east Central Provinces, the east United Provinces and east Rajputana between the 23rd and 26th. In association with a low pressure wave which moved into Bengal from Burma, the monsoon strengthened again in northeast India and widespread and locally heavy rain fell in Bengal, Bihar, Chota-Nagpur and Orissa on the last two days of the month, the rainfall extending to the east United Provinces on the 31st.

During the first week of *September*, the activity of the monsoon was confined to the west coast and northeast India where widespread or local rain fell, while elsewhere weather was dry except for scattered thundershowers. However, a depression which formed in the north Bay on the 6th and moved as a low pressure wave across Orissa and the central parts of the country to Gujarat on the 11th, revived the Arabian Sea branch of the monsoon in the interior and widespread rain fell in Central India, the Central Provinces, Gujarat, the Bombay Deccan, the Konkan and north Hyderabad during this period. Rainfall was very heavy over the north Konkan and Bombay experienced a downpour of 9″ of rain in less than twelve hours on the 8th night. Closely following this low pressure wave, there came another depression which formed over the northeast Bay of Bengal on the 10th, moved westwards to Rajputana and thence as a low pressure wave to the west United Provinces where it became unimportant by the 15th. In association with this depression widespread rain fell along the region from south Bengal to Gujarat on the 11th and 12th and in Central India, the Central Provinces, southeast Rajputana and the west United Provinces on the next three days. With the disappearance of this depression on the 15th the monsoon withdrew from northwest India and the central parts of the country. The last depression of September formed in the north Bay on the 13th and moved northnorthwestwards until it broke against the eastern Himalayas in Bihar on the 19th giving intensive rainfall along its track ; Calcutta recorded 11″ of rain in less than 36 hours ending on the 10th evening. With the breaking up of this depression, the monsoon rapidly withdrew from northeast India also.

The rainfall for the season was in slight to moderate excess in Chota-Nagpur, east Rajputana, Gujarat, Central India, the Konkan, the Bombay Deccan, Mysore and Malabar. It was in slight to moderate defect in the southwest Punjab, Baluchistan, Sind and west Rajputana and normal elsewhere. Averaged over the plains of India the rainfall for the period was 7 per cent. in excess. Mean maximum temperatures were normal except in the southwest Punjab where it was above normal. Mean minimum temperatures and relative humidity were normal. Cloud amount was in excess in Sind and normal elsewhere.

IV. *The period of retreating Southwest Monsoon—October to December.*—The chief features of weather in *October* were a cyclonic storm and a depression from the Bay of Bengal. The cyclonic storm formed in the northeast Bay on the 3rd, crossed the coast just to the east of Calcutta and moved northwards until it weakened near Mymensingh by 7th evening. Associated with this storm widespread and very heavy rain fell in Bengal and Assam between the 4th and 6th. Rainfall was also widespread in Bihar and Orissa. The heavy rains in Assam and Bengal caused floods in many rivers, and there was considerable damage to property and standing crops besides serious dislocation of road and rail transport. In the Nowgong district of Assam alone, over 120 villages with a total population of 300,000 were seriously affected by the floods which washed away their houses, the entire paddy crop and large numbers of cattle. A depression formed in the south Bay on the 15th night and moving northwards weakened off the Circars Coast by the 19th. Under its influence fairly widespread thundershowers occurred along and near the Coromandel Coast on the 16th and 17th and in and near the Orissa-Circars coast on the succeeding three days Local or widespread thunderstorms occurred in the south Peninsula on most days during the first half of the month and again during the last week. Widespread thunderstorms also occurred in the east United Provinces between the 17th and the 20th and in east Bengal between the 20th and 23rd.

Three western disturbances passed across the country during the month, of which the first gave local showers over the region from Kashmir to the United Provinces between the 7th and 9th.

The weather and rainfall in *November* were controlled by three depressions from the south Bay which moved across the Peninsula into the east Arabian Sea, intensified there into storms and later recurved towards the Konkan-Kathiawar coasts. The first of these formed on the 1st November in the southwest Bay and after crossing the coast near Negapatam as a deep depression emerged into the Arabian Sea off Malabar on the 3rd morning. It then moved northwards, intensified into a cyclonic storm and finally curved eastwards to cross coast north of Bombay on the 6th morning. In association with this storm widespread rain with locally heavy falls occurred in the south Peninsula during the first three days of the month, in the Bombay Deccan on the 4th, in the Konkan and east Gujarat on the 5th and 6th and in west Central India and the west Central Provinces on the 6th. The second depression formed in the southwest Bay on the 6th, crossed coast near Masulipatam as a deep depression and emerged into the Arabian Sea off south Konkan on the 10th morning. It took a northerly course up to Latitude 20°N and then moving eastwards passed inland as a low pressure wave on the 13th morning. Associated with this depression widespread and locally heavy rain fell in the Madras Presidency, the Konkan, the Bombay Deccan, Hyderabad, Central India and the west Central Provinces. Rainfall also extended into Chota-Nagpur and southwest Bengal. The third and last storm of November formed in the south Bay on the 14th morning. Moving northwestwards and deepening at the same time, it crossed coast between Cuddalore and Negapatam on the 15th night and emerged into the east Central Arabian Sea during early hours of the 17th. Intensifying rapidly into a cyclonic storm it moved northwards at first and later recurved towards northeast. It crossed coast near Alibag on the 18th evening, weakened rapidly but

continued to move eastwards across the country as a shallow low until it emerged again into the northwest Bay on the 21st. Thereafter it became unimportant. Associated with this storm widespread rainfall occurred in the Peninsula south of Latitude 17°N from the 14th to 17th, in the Konkan and the Bombay Deccan on the 18th and in south Hyderabad, Central India and the Central Provinces on the 19th and 20th. Rainfall extended to Bihar and Chota-Nagpur on the 20th and to Bengal and Assam on the 22nd.

The continuous spell of wet weather with heavy rains affected the paddy crop of southeast Madras very adversely; while the unseasonal rain and clouding throughout November in the Bombay Deccan prevented the mango trees flowering in proper time and thereby considerably reduced their yield of fruit. In the Ahmednagar district and neighbourhood, heavy rains associated with the third storm of November resulted in disastrous floods which washed away the late crops and also rendered about 25,000 people homeless.

Western disturbances were few and feeble during November.

The chief features of *December* were two depressions from the Bay and five western disturbances. The first depression which formed in the southwest Bay on the 3rd morning moved westwards and crossed the coast near Cuddalore by the next morning. Weather, however, continued to remain unsettled in the southwest Bay and another depression formed on the 8th night. This moved northeastwards, intensified slightly, but finally weakened into a trough of low pressure over the northeast angle of the Bay by the 11th. Associated with these disturbances, rainfall was widespread in southeast Madras, Mysore and south Malabar during the first nine days of the month being particularly heavy over the coastal districts of southeast Madras. There was another spell of widespread rainfall in southeast Madras between the 14th and 17th due to a strengthening of the northeast monsoon. In association with disturbed conditions in the Arabian Sea, widespread rain fell in the Konkan and the Bombay Deccan on the 9th and 10th. The second half of December was a period of generally dry weather over the Peninsula except for a day of widespread rain along the Coromandel coast on the 29th and another day of widespread thundershowers with hail-storms at places in the western half of the Peninsula on the 31st.

Of the five western disturbances of the month three were active and gave widespread or local precipitation in Kashmir, the North-West Frontier Province and the east and north Punjab on the 8th, 22nd, and 27th and 28th respectively.

The rainfall for the period was in moderate to large defect in Baluchistan, west Rajputana and north Hyderabad, in slight defect in the southwest Punjab and the east Central Provinces and normal in the North-West Frontier Province. It was in slight excess in Gujarat and moderate to large excess elsewhere except in Sind where no rain fell. Averaged over the plains of India the season's rainfall was 95 per cent. in excess.

Mean maximum temperature was above normal in the east Central Provinces and normal elsewhere. Mean minimum temperature was above normal in Orissa, Chota-Nagpur, Bihar, the east United Provinces, Central India, Berar, the Central Provinces, the Konkan, the Deccan, Mysore and the north Madras Coast and normal elsewhere. Relative humidity was normal in Assam, Bengal, the North-West Frontier Province, Sind and the Madras Presidency and in excess elsewhere; cloud amount was normal in the Punjab, the North-West Frontier Province and Rajputana and in defect in Sind.

N.B.—The Indian Standard Time used in this publication is 5 hrs. and 30 mins. in advance of G. M. T.

Table I.—Divisional and sub-divisional means for the year 1946.

—	Rainfall.*				Departure from normal of				
							8 hrs. I. S. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
	"	"	"		°	°	Mb.	%	
Division.									
Assam	92·68	89·68	+3·00	+3	+1·1	+0·7	+0·3	0	+0·5
Bengal	88·42	75·25	+13·17	+18	—0·1	+0·6	+0·4	+2	+0·5
Orissa	72·99	58·06	+14·93	+26	—0·1	+0·3	+0·8	+3	+0·6
Bihar	59·79	50·25	+9·54	+19	—0·3	+0·7	+1·5	+5	+0·7
United Provinces	42·06	41·27	+0·79	+2	+0·3	+1·3	+1·7	+5	+0·7
Punjab	16·24	18·60	—2·36	—13	+1·8	+1·3	+1·1	+4	—0·1
North-West Frontier Province.	6·38	11·65	—5·27	—45	+2·5	+2·0	+0·5	—2	—0·1
Sub-Division.									
1. Bay Islands	109·88	123·33	—13·45	—11	+0·7	+1·2	+0·8	+1	+1·6
2. Assam	92·68	89·68	+3·00	+3	+1·1	+0·7	+0·3	0	+0·5
3. Bengal	88·42	75·25	+13·17	+18	—0·1	+0·6	+0·4	+2	+0·5
4. Orissa	72·99	58·06	+14·93	+26	—0·1	+0·3	+0·8	+3	+0·6
5. Chota-Nagpur	67·43	51·89	+15·54	+30	—0·7	+0·2	+1·6	+5	+0·7
6. Bihar	57·23	49·28	+7·95	+16	0	+1·0	+1·5	+5	+0·7
7. United Provinces, East.	43·08	42·67	+0·41	+1	+0·1	+1·6	+1·6	+6	+0·9
8. United Provinces, West.	41·07	40·41	+0·66	+2	+0·6	+0·9	+1·9	+5	+0·4
9. Punjab, East and North.	26·91	26·86	+0·05	0	+1·6	+1·4	+1·5	+5	+0·1
10. Punjab, South-west.	4·27	9·40	—5·13	—55	+2·1	+1·2	+0·6	+2	—0·4
11. Kashmir	24·97	26·99	—2·02	—7	+2·6	+2·2	0	—5	—0·2
12. North-West Frontier Province.	6·38	11·65	—5·27	—45	+2·5	+2·0	+0·5	—2	—0·1
13. Baluchistan	3·88	6·97	—3·09	—44	+1·8	+0·6	—0·3	—4	—0·2
14. Sind	3·51	6·23	—2·72	—44	+1·0	0	+0·6	+1	+0·2
15. Rajputana, West	7·88	11·37	—3·49	—31	+1·7	+0·7	+0·6	—1	—0·8
16. Rajputana, East	43·67	27·06	+16·61	+61	0	+0·7	+1·2	+6	+0·1

—	Rainfall.*				Departure from normal of				
							8 hrs. I. S. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
	"	"	"		°	°	Mb.	%	
Division—*contd.*									
Sind	3·51	6·23	—2·72	—44	+1·0	0	+0·6	+1	+0·2
Rajputana	25·80	19·19	+6·61	+34	+0·7	+0·7	+0·9	+3	—0·4
Bombay	52·46	44·29	+8·17	+18	—0·3	+0·8	+1·2	+5	+0·3
Central India	57·27	44·02	+13·25	+30	+0·3	+0·9	+1·3	+7	+0·5
Central Provinces and Berar.	53·86	48·87	+4·99	+10	+0·1	+1·1	+1·0	+4	+0·4
Hyderabad	31·01	32·39	—1·38	—4	—0·3	+1·0	+1·1	+5	+0·1
Mysore	58·33	45·69	+12·64	+28	—1·2	+0·6	+0·2	+3	+1·1
Madras	59·62	48·49	+11·13	+23	—0·5	+0·4	0	+1	+0·6
Mean of India	47·46	41·48	+5·98	+14	+0·3	+0·8	+0·9	+4	+0·3
Sub-Division—*contd.*									
17. Gujarat	31·91	25·66	+6·25	+24	—0·6	+0·7	+1·0	+4	+0·2
18. Central India, West.	57·01	41·61	+15·40	+37	—0·2	+1·2	+1·0	+7	+0·7
19. Central India, East.	57·58	47·21	+10·37	+22	+0·9	+0·6	+1·7	+8	+0·1
20. Berar	39·54	32·84	+6·70	+20	—0·3	+1·3	+1·5	+5	—0·2
21. Central Provinces, West.	57·73	48·16	+9·57	+20	0	+1·2	+1·0	+4	+0·6
22. Central Provinces, East.	54·97	56·12	—1·15	—2	+0·4	+0·9	+0·8	+4	+0·5
23. Konkan	105·92	97·83	+8·09	+8	+0·7	+0·7	+1·4	+3	+0·3
24. Bombay Deccan	56·95	46·35	+10·60	+23	—0·3	+0·8	+1·3	+6	+0·4
25. Hyderabad, North	33·51	33·70	—0·19	—1	—0·5	+1·2	+1·6	+6	—0·1
26. Hyderabad, South	27·69	30·64	—2·95	—10	—0·2	+0·7	+0·6	+3	+0·4
27. Mysore	58·33	45·69	+12·64	+28	—1·2	+0·6	+0·2	+3	+1·1
28. Malabar	140·62	108·28	+32·34	+30	—0·4	—0·4	+0·3	+2	+0·3
29. Madras, South-east.	53·15	39·95	+13·20	+33	—0·4	+0·6	—0·2	+1	+0·9
30. Madras, Deccan	26·14	25·53	+0·61	+2	—0·7	+0·7	+0·5	+2	+0·1
31. Madras Coast, North.	40·86	39·90	+0·96	+2	—0·7	+0·2	—0·1	+1	+0·4

* Based on data from the Meteorological Observatories only as in Monthly Weather Reports. For fuller data see Tables X to XIV.

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T

STATION.	Height of bar, cistern above mean sea level in feet.	Pressure at Station level in millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature °F.		Vapour pressure, millibars.			Relative humidity, %		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	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	2
BAY ISLANDS.																						
Port Blair	261	1,001·7	+0·1	999·3	85·6	+0·7	92	III	74·7	+1·1	65	I	81·3	80·0	76·9	76·1	29·6	—0·8	29·1	81	+1	8
ASSAM.																						
Dibrugarh	348	998·7	—0·3	994·6	83·9	+2·7	98	VIII	65·8	+0·6	44	I	72·1	77·9	68·9	71·7	23·5	+0·2	24·5	85	—3	7
Sibsagar	317	999·3	—0·6	995·2	84·1	+2·6	96	VIII, IX	66·9	+1·1	45	I	72·0	79·1	69·5	72·7	24·8	+0·6	25·1	89	—1	7
Tezpur	258	1001·8	—0·3	997·5	85·3	+1·6	..	..	67·4	+0·2	47	I	72·8	79·8	69·6	73·1	24·1	—0·4	25·1	85	0	7
Gauhati	182	1,003·6	—0·3	999·5	85·3	+0·6	97	III	..	..	47	I, II	73·3	80·7	70·0	73·1	24·3	+0·4	24·7	85	+1	6
Dhubri	115	1,005·6	—0·5	1,002·2	83·1	+0·4	98	III	69·0	+0·8	47	XII	72·8	80·4	70·2	73·1	24·7	+0·8	25·1	87	+4	6
Silchar	96	1,007·0	—0·4	1,003·0	86·8	+0·7	97	VIII	68·3	+0·9	47	I	72·9	81·9	70·0	73·9	24·9	+0·1	25·6	86	+2	6
Srimangal	69	1,007·4	—0·4	1,003·8	86·5	—1·1	98	III	66·1	+0·7	41	I	73·0	80·9	70·5	74·3	25·1	+0·5	26·5	88	+3	7
BENGAL.																						
Cox's Bazar	38	1,008·6	0	1,005·7	85·7	+0·7	96	III	70·1	+0·4	5	I	77·3	79·9	73·5	74·4	27·0	+0·4	26·9	83	+1	7
Chittagong	87	1,006·4	—0·7	1,003·3	85·8	+0·7	97	III	69·9	+0·6	50	I	76·2	80·2	71·9	73·9	25·3	—0·4	26·0	80	—2	7
Noakhali	22	1,008·9	—0·1	1,006·0	85·6	+0·8	95	III	71·8	+0·2	53	I	76·3	82·1	73·3	75·3	27·3	+0·5	27·3	86	+3	7
Comilla	29	1,008·6	—0·3	1,005·0	86·5	+0·1	101	III	69·7	+0·9	48	I	76·0	82·4	72·4	74·6	26·1	0	26·1	83	+4	7
Brahmanbaria	32	1,008·5	..	1,005·1	86·2	—1·3	99	III	69·9	+2·2	49	I	76·1	81·8	72·6	75·2	26·4	+1·7	27·4	83	+7	7
Narayanganj	26	1,008·2	—0·5	1,004·9	87·7	+1·2	101	III	70·9	+0·4	50	I	76·3	82·7	72·2	74·3	25·8	—0·2	25·7	81	0	6
Mymensingh	62	1,007·8	—0·1	1,004·1	86·1	+0·8	98	III	69·0	+0·1	50	I	75·0	82·1	71·5	74·2	25·5	+0·6	25·7	83	0	6
Faridpur	27	1,008·1	—0·1	1,004·6	84·2	—1·5	99	III	69·0	0	47	I	76·5	80·9	71·8	73·5	25·1	—1·1	25·3	79	—2	7
Barisal	11	1,008·8	—0·2	1,005·7	86·8	+0·7	100	III	70·8	+0·3	50	I	77·6	81·8	73·3	74·0	26·8	0	25·6	81	—1	6
Khulna	16	1,008·8	0	1,005·4	84·3	+0·5	102	III	71·1	+0·4	49	I	77·7	81·6	72·9	73·7	26·1	+0·1	25·3	78	+1	6
Jessore	26	1,008·0	—0·5	1,005·1	87·8	+0·2	102	III	67·8	—0·1	41	I	75·9	82·0	73·1	75·4	27·4	+1·2	27·7	87	+6	7
Satkhira	16	1,008·4	—0·2	1,005·1	87·4	—1·3	102	III	70·0	+0·2	44	I	76·5	83·3	72·9	75·6	26·9	+0·2	27·2	83	+2	7
Dum Dum*	33	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
Calcutta	21	1,008·0	—0·4	1,004·6	88·6	+0·1	102	III	71·8	+1·6	47	I	75·5	83·3	72·3	74·4	26·7	+0·9	25·7	85	+3	6
Saugor Island	10	1,008·2	—0·4	1,005·2	84·8	—0·4	96	III	..	..	..	..	78·7	81·0	74·3	75·1	27·5	—0·1	27·6	79	—2	7
Sandheads	28	1,008·0	—0·2	1,005·2	..	..	..	..	..	..	..	..	80·4	82·3	76·9	77·3	30·6	+2·2	30·2	85	+9	8
Midnapore	149	1,003·5	—0·4	999·9	89·3	—0·6	105	III	70·5	—0·2	45	I	75·7	85·2	70·9	73·6	24·7	+0·6	23·7	77	+3	5
Burdwan	106	1,005·1	—0·3	1,001·4	88·7	—0·3	103	V	70·6	+0·4	47	I	75·8	85·3	71·1	73·5	24·7	+0·3	23·4	78	+1	5
Krishnagar	48	1,007·1	—0·4	1,003·7	89·6	+0·9	104	V	69·0	+0·2	43	I	75·7	84·3	71·7	74·7	25·7	+0·6	25·5	81	+4	6
Asansol	414	994·3	—0·2	990·7	88·9	—0·8	106	V	..	..	..	..	74·6	84·1	69·0	72·0	23·4	+0·8	21·9	76	+4	5
Berhampore	62	1,006·7	—0·4	1,003·1	88·7	+0·7	102	III, V	69·6	+0·1	47	I	76·5	83·2	71·4	73·4	24·9	+0·3	24·3	75	—3	6
Bogra	63	1,006·8	—0·5	1,003·3	86·3	—0·2	100	III	69·2	—1·0	48	I	74·8	82·1	71·1	73·6	25·3	+0·8	25·1	82	+2	6
Malda	103	1,005·5	—0·2	1,002·0	..	..	103	V	68·9	+1·2	46	I	75·4	82·0	70·7	72·8	24·5	+0·5	24·1	77	+2	6
Dinajpur	123	1,005·0	—0·1	1,001·3	86·5	+0·4	99	III	67·7	+0·5	46	I	74·4	82·3	70·3	73·5	24·5	+1·0	24·7	81	0	6
Jalpaiguri	271	1,000·2	—0·3	996·4	84·4	—0·2	95	VIII, IX	67·3	+0·9	48	I, XII	70·9	81·2	68·0	72·3	23·0	—0·3	23·7	86	+1	6
ORISSA.																						
Balasore	65	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chandbali	20	1,008·3	0	1,005·0	88·3	—0·6	106	V	71·7	0	48	I	76·7	82·7	73·0	74·5	26·8	+0·3	25·8	83	+2	6
Puri	20	1,008·3	—0·1	1,005·3	86·3	+0·2	95	IX	75·0	+0·2	55	I	78·7	81·9	74·6	76·3	28·0	+0·3	28·7	82	+1	7
Gopalpur	56	1,007·1	—0·1	1,004·0	86·1	—0·2	96	III	73·5	+0·2	53	I	78·1	81·3	74·4	77·1	28·1	+1·2	30·1	83	+3	8
Cuttack	87	1,005·6	—0·8	1,002·2	90·5	—0·4	108	V, VI	72·5	+0·3	50	I	76·4	85·1	72·7	74·6	26·4	+0·7	24·9	82	+3	6
Angul	455	993·3	0	989·6	90·4	+0·2	110	IV	70·4	+0·5	46	I	75·8	85·0	70·5	72·3	23·8	+0·4	21·7	76	+1	5
Sambalpur	486	991·9	—0·5	988·1	90·9	+0·4	112	V	69·7	+0·1	41	I	74·3	87·9	70·1	75·2	24·0	+1·9	24·3	81	+10	5
CHOTA NAGPUR.																						
Jamshedpur	423	994·1	—0·2	990·3	89·6	—0·6	108	V	69·4	+0·9	41	I	74·7	84·7	69·2	71·9	22·8	+0·9	21·5	75	+2	5
Chaibasa	742	983·1	—0·1	979·1	..	..	108	IV, V	68·9	+0·5	41	I	73·6	84·7	69·4	73·9	23·5	+1·4	23·9	80	+6	6
Ranchi	2,150	935·8	—0·2	933·0	82·5	—1·6	105	VI	64·3	—1·0	39	I	71·8	79·0	65·5	67·9	19·5	+1·8	18·9	72	+8	5
Hazaribagh	2,006	940·8	—0·1	937·9	83·8	—0·8	105	VI	64·7	—0·7	39	I	71·9	78·4	65·3	66·9	19·2	+1·8	18·3	70	+6	5
Daltonganj	725	983·5	—0·5	979·9	88·9	—0·5	112	VI	66·4	+0·9	36	I	72·6	84·7	67·3	71·5	21·6	+2·1	20·9	77	+6	5
Dhanbad	839	979·9	..	..	85·2	..	105	V	68·3	..	45	I	75·0	..	68·8	..	22·3	..	..	71	..	.

* Data incomplete hence no means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1946.

Cloud amount, (tenths of sky.)			Rainfall, inches.				Number of rainy days, (0·10" or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :—																		STATION.
											8 hrs. I. S. T.									17 hrs. I. S. T.									
Mean 8 hrs I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
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	51	52	53
																													BAY ISLANDS.
7·7	+1·6	8·1	109·88	—13·45	5·61	VI	155	+4·9	9·3	—0·3	26	78	55	16	10	105	52	8	15	16	98	62	13	7	97	57	7	8	Port Blair.
																													ASSAM.
6·2	+0·2	4·7	97·49	—12·42	3·90	VII	127	—8·1	1·3	+0·3	46	66	133	10	20	6	16	29	39	22	23	26	7	11	5	17	23	231	Dibrugarh.
8·4	+0·6	6·3	83·57	—14·53	4·21	VII	110	—18·3	..	..	53	114	42	23	46	33	7	13	34	65	75	20	12	24	30	20	36	83	Sibsagar.
4·6	—0·7	3·8	78·80=	..	..	..	89=	..	1·5	—0·5	5	73	139	21	3	7	9	2	89=	2	23	43	13	1	4	21	2	238†	Tezpur.
6·3	+1·2	5·5	64·15⊕	..	..	..	85⊕	..	2·5	+1·1	41	93	36	38	21	28	7	23	71⊕	17	84	25	30	15	50	20	21	96⊕	Gauhati.
5·3	+0·8	5·2	120·88	+22·98	6·04	VII	111	+15·5	3·7	—0·4	11	81	79	28	36	24	7	8	91	22	60	49	34	41	41	17	11	90	Dhubri.
5·9	+0·8	4·9	117·18	—12·52	6·26	III	131	—6·0	1·2	—0·3	15	100	67	86	22	9	4	5	57	16	29	7	21	14	47	40	44	147	Silchar.
5·0	+0·7	4·8	93·21	—5·16	3·26	V	125	+4·0	2·7	—0·1	6	35	26	89	68	33	11	9	88	9	29	15	45	63	45	48	25	86	Srimangal.
																													BENGAL.
4·6	0	4·7	244·48	+104·38	11·41	VIII	113‡	..	3·8	+0·7	17	45	29	97	55	14	3	4	99‡	6	3	1	53	82	30	57	72	57×	Cox's Bazar.
5·0	+0·3	5·1	125·15	+17·52	8·26	IX	109	+12·8	4·9	—0·9	29	35	45	82	77	6	0	0	91	43	6	6	19	76	70	76	44	25	Chittagong.
5·1	+0·8	4·8	128·53	+13·53	4·80	VII	133	+21·4	6·6	+3·1	83	49	16	105	40	25	7	15	25	26	15	3	84	79	43	56	38	19‡	Noakhali.
5·3	+1·0	5·4	98·07	+3·74	8·74	VII	121	+20·5	5·0	+1·6	17	17	7	79	80	7	2	5	151	8	7	2	43	107	24	14	11	148§	Comilla.
3·7	..	3·5	85·24	+6·89	5·60	X	99	+2·7	3·3	..	25	11	25	50	115	25	4	2	108	5	3	1	47	93	37	1	11	167	Brahmanbaria.
4·5	—0·7	4·0	95·42§	..	..	..	95§	..	2·8	—0·3	38	9	41	62	87	23	15	22	58*	22	3	20	46	119	16	20	29	80*	Narayanganj.
5·3	0	4·9	107·45	+15·97	7·80	X	113	—9·5	2·7	+1·0	10	9	91	87	10	2	5	5	146	5	6	47	70	15	6	30	10	176	Mymensingh.
5·1	+0·9	4·7	78·37	+7·34	6·66	X	93	+0·4	4·5	+0·2	11	28	9	113	74	3	6	45	76	9	14	7	97	72	4	4	24	131§	Faridpur.
4·9	+0·3	4·7	103·57	+22·36	..	..	113⊕	..	..	..	58	6	22	48	71	24	12	18	99⊕	14	2	12	19	102	16	3	11	182×	Barisal.
5·4	+0·3	5·1	75·28	+7·43	5·73	X	105	+11·1	3·6	+0·4	42	27	30	65	48	27	19	23	84	9	9	22	105	46	19	7	12	135§	Khulna.
3·7	—0·8	4·0	69·46	+4·53	6·08	X	89	+1·7	3·7	+1·6	39	40	29	62	81	25	15	22	52	1	7	8	55	63	14	0	2	215	Jessore.
5·0	+0·7	4·8	59·41	—5·10	3·21	X	94	+7·9	2·5	+0·3	48	17	22	38	78	15	6	19	122	12	5	16	56	75	15	3	9	174	Satkhira.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Dum Dum.*
5·0	+0·3	5·1	64·78	+1·80	6·85	IX	96	+11·7	2·6	—0·6	34	22	21	31	35	71	24	24	95°	21	9	8	21	72	80	14	36	96°	Calcutta.
4·7	—0·7	4·5	81·18	+12·38	4·95	VIII	95	+15·9	11·4	+2·2	72	44	17	17	35	112	21	41	6	53	20	7	54	109	94	13	10	5	Saugor Island.
4·6	+0·1	3·9	75·94§	..	..	..	79§	..	..	..	46	50	12	15	46	110	44	25	12∞	43	35	9	25	63	116	22	11	37×	Sandheads.
5·4	+1·5	5·5	78·26	+19·55	5·18	IX	95	+15·3	3·6	+1·3	73	57	26	6	66	58	12	10	57	62	33	14	4	118	33	13	6	82	Midnapore.
4·6	0	4·6	59·36	—0·26	4·46	IX	86	+8·8	3·9	+1·9	35	22	54	29	26	77	24	41	57	50	16	43	35	37	46	29	55	54	Burdwan.
4·8	+0·4	4·8	57·83	+0·47	4·51	IV	76	—2·3	2·9	0	14	19	25	51	79	17	8	20	132	11	14	16	49	65	18	19	22	151	Krishnagar.
4·9	+0·6	5·4	74·79	+18·47	10·59	IX	82	+6·1	..	..	49	46	69	21	15	12	36	54	62§	59	61	74	15	14	8	23	41	69§	Asansol.
5·1	+0·4	4·9	64·16	+9·56	6·40	X	95	+18·6	2·2	—0·1	16	6	78	38	70	2	11	14	130	15	2	63	28	58	6	18	9	166	Berhampore.
5·1	+0·7	4·5	88·17	+19·02	7·35	X	95	+10·5	2·7	+0·9	28	49	113	60	22	42	19	17	15	17	34	77	60	20	26	55	14	62	Bogra.
4·7	+1·3	4·4	60·72	+4·09	4·25	VII	82	+12·8	4·1	+0·2	43	41	70	43	41	23	16	45	43	24	32	60	40	21	8	28	68	83§	Malda.
5·2	+0·9	5·0	89·35	+17·09	6·02	VI	93	+13·9	1·8	—0·5	4	77	61	20	11	2	9	0	181	2	37	77	15	4	9	21	3	197	Dinajpur.
5·2	+1·6	4·9	119·08	—9·55	6·39	VIII	111	+3·1	3·5	+1·9	80	94	85	9	6	3	7	20	61	16	34	77	47	30	29	32	5	95	Jalpaiguri.
																													ORISSA.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Balasore.
5·0	+0·2	4·6	91·94	+23·74	7·69	IX	89	+8·2	5·5	—0·3	71	12	5	18	63	69	50	56	21	10	34	66	107	71	43	19	1	14	Chandbali.
5·1	+0·8	5·2	65·08	+11·42	5·79	VII	69	+6·9	10·8	+1·6	84	34	4	13	21	120	38	39	12	14	23	19	79	85	122	18	4	1	Puri.
4·8	+1·4	5·2	45·46	—0·04	3·63	X	53	—2·3	9·9	+1·5	124	4	1	15	48	109	10	43	11	10	10	53	72	81	127	6	5	1	Gopalpur.
5·1	+0·5	5·4	80·81	+20·84	3·01	VI	103	+28·5	3·1	+1·0	6	16	9	2	28	27	47	7	223	5	17	17	19	49	47	31	10	170	Cuttack.
4·7	0	5·6	71·70	+20·91	6·75	VIII	88	+15·9	4·7	+0·6	9	13	29	16	12	6	80	68	132	34	21	24	42	36	16	50	48	94	Angul.
4·8	+0·7	5·7	72·70§	..	4·22	VII	82§	..	3·8	+1·0	30	89	40	14	47	69	7	9	60	25	48	22	11	52	93	43	32	39	Sambalpur.
																													CHOTA NAGPUR.
4·3	—0·1	5·3	72·13	+18·62	3·72	IX	95	+18·6	3·5	+0·6	5	11	47	9	4	38	113	39	99	19	26	73	35	8	28	67	48	61	Jamshedpur.
5·5	+1·4	6·1	58·96	+7·30	3·16	IV	89	+15·1	1·7	—0·2	7	33	3	12	16	164	15	9	106	14	56	3	37	10	56	20	27	142	Chaibasa.
3·9	—0·2	4·7	53·82	—4·29	3·15	VI	79	—2·4	3·2	—0·9	31	7	13	7	47	41	22	25	172	44	10	17	9	35	19	11	42	178	Ranchi.
5·2	+0·9	5·5	58·09	+5·05	4·11	IX	87	+12·2	5·2	—0·5	25	9	12	34	46	50	21	70	98	54	28	36	24	26	10	21	137	29	Hazaribagh.
4·3	+1·4	5·4	73·09	+26·44	7·38	IX	80	+18·0	2·9	0	12	13	86	58	8	12	50	6	120	52	41	34	19	5	3	48	113	50	Daltonganj.
..	..	..	60·51	..	3·09	VIII	93	..	5·3	..	32	29	62	48	14	68	57	32	23	..	..	..	..	..	..	..	..	..	Dhanbad.

= Total for 348 days.
§ Total for 362 days.
‡ Total for 363 days.
∞ Total for 360 days.
§ Total for 364 days.
* Total for 355 days.
× Total for 361 days.
⊕ Total for 358 days.
† Total for 347 days.

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.) and

STATION.	Height of bar, cistern above mean sea level in feet.	Pressure at Station level in millibars. Mean 8 hrs. I. S. T.	Pressure: Departure from normal.	Pressure: Mean 17 hrs. I. S. T.	Maximum temperature, °F. Mean.	Maximum: Departure from normal.	Maximum: Highest during the year.	Maximum: Month.	Minimum temperature, °F. Mean.	Minimum: Departure from normal.	Minimum: Lowest during the year.	Minimum: Month.	Dry bulb temperature, °F. Mean 8 hrs. I. S. T.	Dry bulb: Mean 17 hrs. I. S. T.	Wet bulb temperature, °F. Mean 8 hrs. I. S. T.	Wet bulb: Mean 17 hrs. I. S. T.	Vapour pressure, millibars. Mean 8 hrs. I. S. T.	Vapour pressure: Departure from normal.	Vapour pressure: Mean 17 hrs. I. S. T.	Relative humidity, % Mean 8 hrs. I. S. T.	Relative humidity: Departure from normal.	Relative humidity: Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
BIHAR.																						
Purnea	124	1,004·8	—0·3	1,001·2	86·6	—0·1	100	V	67·0	+0·9	42	I	73·3	81·6	69·5	73·0	24·1	+0·9	24·5	82	+1	66
Darbhanga	161	1,003·5	0	999·7	86·8	—0·1	104	V	67·7	+0·5	43	I	73·2	83·5	69·4	73·9	24·1	+1·3	24·9	83	+7	63
Motihari	218	1,001·1	—0·3	997·5	86·9	+0·2	104	V	66·5	+1·3	40	I	73·6	83·1	69·4	73·0	23·7	+1·0	23·8	81	+6	61
Patna	173	1,002·4	—0·5	999·2	87·8	+0·2	105	IV, V, VI	69·8	+0·9	44	I	75·0	84·1	69·0	71·9	22·7	+0·6	22·1	73	+3	55
Dehri	352	996·0	..	992·7	88·9	..	113	VI	69·9	..	43	I	74·5	84·7	69·5	72·9	23·5	..	22·5	77	..	57
Gaya	365	995·7	—0·3	992·3	89·2	+0·2	111	IV, VI	69·3	+1·9	40	I	75·1	85·1	68·7	71·8	22·4	+3·4	21·4	72	+11	53
Naya Dumka	489	991·5	—0·7	988·1	87·8	—0·1	105	III, V, VI	68·5	+0·6	44	I	75·1	83·1	69·9	72·9	23·6	+1·5	23·5	75	+5	61
Sabour	122	1,004·5	—0·1	1,000·8	86·9	—0·6	106	V	67·3	+1·2	39	I	74·7	82·1	70·5	73·7	24·7	+2·1	25·2	81	+5	67
U. P., EAST.																						
Gonda	360	996·2	..	992·9	88·2	—0·5	108	VI	66·7	+1·1	38	I	71·1	79·7	66·5	71·5	21·7	+1·5	21·3	79	+7	55
Gorakhpur	254	999·2	—0·8	996·0	..	..	103	IV	68·5	+1·8	42	I	72·5	84·7	67·5	71·8	22·1	+0·5	21·6	79	+5	53
Banaras	250	..	..	..	88·9	—0·7	113	VI	67·9	+1·1	38	I	72·8	86·2	68·7	73·1	23·2	+2·5	22·6	81	+12	54
Allahabad (Bamrauli)	322	997·3	—0·3	993·9	90·0	—0·1	114	VI	68·6	+2·2	38	I	73·5	87·1	67·3	71·3	21·5	+2·0	20·9	73	+6	47
Fatehpur	375	995·3	..	991·2	91·1	+0·7	115	VI	67·5	+1·2	37	I	74·0	86·9	67·5	72·5	21·5	+1·2	21·8	71	+3	50
Kanpur	413	994·2	0	990·9	90·5	+1·5	114	VI	67·7	+1·7	36	I	72·6	87·1	65·9	70·5	20·3	+1·4	18·8	70	+2	44
Lucknow	371	995·5	—0·2	992·4	90·0	+0·3	111	V, VI	67·4	+1·4	34	I	72·6	85·5	67·1	72·1	21·9	+2·2	21·7	75	+6	53
Bahraich	407	994·5	+0·2	991·4	88·1	—0·2	109	VI	..	..	41	I	71·9	83·8	..	..	..	..	..	..	..	..
U. P., WEST.																						
Jhansi	824	979·9	—0·9	977·0	90·9	—0·3	115	V,VI	..	..	..	..	72·9	87·7	64·4	69·2	18·2	+0·9	16·7	64	+6	40
Agra	553	989·4	—0·1	986·4	91·2	+1·2	115	VI	67·3	+2·2	36	I	71·7	88·5	64·4	70·6	19·1	+2·9	18·5	67	+9	39
Mainpuri	516	990·1	—0·5	987·0	92·0	+1·4	116	VI	66·3	+1·1	36	I	71·0	87·8	65·2	72·2	20·3	+2·1	20·8	74	+9	47
Aligarh	615	987·0	..	984·0	90·9	+2·1	114	VI	65·9	+0·4	37	I	71·2	87·5	64·3	69·1	19·3	+2·5	17·0	68	+8	38
Bareilly	568	988·5	—0·4	985·3	88·3	+0·7	107	V, VI	66·5	+1·5	38	I	71·7	84·4	65·9	70·3	20·7	+1·0	19·9	73	0	49
Roorkee	899	977·2	—0·4	974·3	85·1	—1·1	109	VI	62·9	+0·7	35	I	69·6	83·8	63·7	69·4	19·1	+1·7	19·0	73	+1	47
Dehra Dun	2,239	932·8	+0·1	930·6	81·7	+0·2	102	VI	61·0	+0·7	36	I	66·7	78·1	61·3	66·5	17·5	+1·9	18·4	74	+3	55
PUNJAB, EAST AND NORTH.																						
New Delhi	714	983·2	—0·7	980·3	89·7	+0·9	112	VI	65·1	+0·6	36	I, XII	69·9	84·8	62·1	67·3	17·4	+0·8	16·3	64	+3	37
Hissar	725	982·9	—0·5	980·2	92·2	+1·5	112	V, VI	63·4	0	33	I	..	..	..	..	..	..	..	..	..	..
Ambala*	892	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ludhiana	812	980·1	—0·2	977·9	90·3	+2·2	116	VI	63·9	+0·3	33	I	69·1	94·3	63·1	64·9	19·0	+2·6	18·4	72	+5	41
Lahore	702	983·5	—0·4	981·3	90·4	+1·2	115	VI	63·7	+2·7	32	I	67·3	88·2	62·3	69·7	19·0	+2·5	17·7	77	+11	38
Sialkot	830	979·2	—0·6	977·1	88·7	+1·8	115	VI	65·2	+3·0	29	XII	69·9	86·5	62·6	69·3	17·8	+0·9	17·9	68	—4	44
Rawalpindi	1,674	950·9	—0·7	948·7	86·3	+2·3	115	VI	59·7	+1·8	29	I	64·9	83·1	57·8	64·8	15·1	+0·6	14·8	69	+6	38
PUNJAB, SOUTH-WEST.																						
Khushab	612	985·8	—1·6	983·4	91·5	+2·0	118	V	64·0	+0·5	30	I	68·9	89·6	60·3	68·5	16·4	+1·1	15·5	61	+2	31
Lyallpur	605	986·0	—1·1	983·7	90·9	+2·2	114	V, VI	64·1	+1·6	33	I	68·2	88·2	60·7	68·1	16·8	+1·0	15·5	67	+3	33
Montgomery	558	987·7	—1·1	985·3	91·9	+1·4	115	V, VI	65·2	+1·0	35	I, XII	69·2	89·5	61·8	69·6	17·5	—0·6	17·1	65	—5	34
Leiah*	490	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Multan	413	993·0	—0·7	990·5	93·7	+3·6	117	V, VI	66·7	+1·7	35	XII	69·6	92·2	62·8	73·7	18·9	+0·1	19·7	69	+2	36
Fort Abbas	475	990·9	..	988·1	94·7	..	117	V	66·0	..	32	I	70·3	90·5	61·0	69·1	38·8	..	14·9	58	..	28
Bahawalpur	384	993·8	—0·9	991·4	94·2	+2·4	115	V, VI	65·4	+1·7	33	I	67·5	91·8	60·5	70·5	17·1	—1·1	16·5	68	+3	32
Khanpur	297	996·5	—1·4	993·9	95·3	+1·7	117	V	64·9	+1·1	34	I	68·9	94·4	62·7	73·1	19·3	+3·0	21·9	70	+8	34
KASHMIR.																						
Srinagar	5,205	841·5	0	838·6	70·4	+2·6	101	VII	45·6	+1·7	19	I	50·1	66·4	46·9	54·5	11·2	—0·1	11·7	81	—6	55
Dras	10,059	704·5	+0·9	702·6	49·6	+1·4	85	VII, VIII	27·0	+4·8	—26	XII	30·9	46·9	28·1	37·2	5·5	0	5·7	75	—2	56
Leh	11,529	669·1	+2·9	664·2	56·8	+1·9	90	VII, VIII	30·7	+1·0	—1	XII	35·3	54·1	29·0	38·3	4·4	—0·1	3·8	59	+4	28
Skardu	7,505	770·9	..	767·5	66·5	+3·8	102	VII, VIII	44·3	+4·0	10	I	48·1	64·3	40·3	46·4	7·5	0	5·7	53	—16	27
Gilgit	4,890	851·1	..	847·7	75·9	+3·7	112	VII	54·0	+1·9	24	I	58·1	72·4	49·7	55·0	10·0	+0·2	9·1	54	—7	33
Misgar	10,190	..	..	..	53·5	..	85	VIII	..	..	..	..	37·2	50·8	30·2	37·9	4·2	..	4·3	60	..	32

* Data incomplete hence no means.

17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1946—*contd.*

Cloud amount, (tenths of sky.)			Rainfall, inches.				Number of rainy days. (0·10″ or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :—																		STATION.
											8 hrs. I. S. T.									17 hrs. I. S. T.									
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
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	51	52	53
																													BIHAR.
4·4	+0·7	3·7	78·60	+18·63	4·69	VII	86	+15·2	2·9	+0·7	8	45	132	30	9	44	34	8	55	5	20	105	28	6	23	44	7	127	Purnea.
4·5	+1·0	3·8	45·55	—4·26	3·93	VII	63	+5·6	3·3	+0·7	1	101	77	31	4	38	56	13	44	3	52	51	71	1	52	61	48	26	Darbhanga.
4·5	+1·5	4·1	68·65	+15·20	8·37	IX	71	+13·4	2·5	—0·5	3	9	130	27	6	5	33	9	143	3	3	69	20	3	11	37	14	205	Motihari.
4·1	+0·5	3·9	38·67	—8·02	3·36	X	55	—0·6	4·0	+0·7	4	38	94	21	13	68	30	7	89†	8	53	67	9	3	13	74	39	99	Patna.
3·6	..	3·9	62·86‡	..	..	..	74‡	..	..	..	9	26	38	28	45	78	26	23	89‡	35	46	34	19	7	11	40	70	97§	Dehri.
4·0	+0·9	4·4	63·62	+16·89	7·89	IX	67	+8·1	5·7	+1·2	10	32	54	58	94	63	15	9	30	71	56	35	10	6	19	49	109	10	Gaya.
3·6	+0·1	4·2	61·00	+3·20	3·53	X	82	+4·4	3·0	+1·1	5	56	7	84	1	36	9	64	103	2	53	12	84	5	43	4	73	89	Naya Dumka.
4·8	+0·5	4·5	60·32	+17·05	3·11	VII	79	+19·0	4·1	—0·4	8	23	93	47	26	66	41	10	51	17	23	79	41	6	6	53	83	57	Sabour.
																													E. P., EAST.
3·9	+0·4	3·7	51·80	—0·26	4·25	VII	59	+3·4	3·5	0	3	7	169	9	1	6	96	7	67	21	18	95	15	7	9	122	37	41	Gonda.
4·4	+1·7	4·2	57·73	+7·57	6·45	IX	64	+7·1	3·0	+1·1	11	58	91	25	10	24	61	7	78	18	33	38	37	10	34	77	20	98	Gorakhpur.
4·0	+0·6	3·8	64·25	+23·28	10·13	VII	62	+9·0	4·9	+2·0	10	51	89	13	16	107	47	15	17	51	56	36	7	1	13	94	98	9	Banaras.
4·4	+0·8	4·6	39·28	—2·54	3·21	VII	50	—3·1	3·5	0	20	42	56	28	21	47	49	13	89	48	60	33	3	10	16	75	74	46	Allahabad (Bamrauli).
3·5	+0·4	3·7	39·87	+5·04	3·18	VII	52	—1·2	..	..	7	17	60	18	13	19	43	14	173†	15	33	29	10	5	12	38	54	168†	Fatehpur.
3·6	+1·5	3·6	24·45	—11·46	2·60	VII	42	—3·7	5·8	+0·6	20	42	72	30	21	64	42	25	49	58	37	55	18	5	22	63	75	32	Kanpur.
3·1	+0·1	3·3	33·41	—6·61	4·31	VII	47	—2·2	2·0	—0·2	7	11	98	13	8	3	51	10	164	10	10	73	8	11	1	57	24	171	Lucknow.
3·7	+1·2	3·8	34·93	—0·73	5·03	X	47	—1·0	3·8	+1·5	11	17	93	65	1	14	35	27	102	6	9	49	41	1	16	42	36	165	Bahraich.
																													U. P., WEST.
3·3	+0·7	4·1	42·41	+5·54	3·04	VIII	52	+5·4	4·0	+0·9	12	18	19	6	3	49	115	24	119	6	24	13	1	1	37	24	85	74	Jhansi.
2·9	0	3·2	23·46	—3·28	2·40	VIII	41	+3·6	2·8	—0·6	12	23	26	20	26	29	46	26	157	37	25	23	16	20	22	38	80	102‖	Agra.
3·3	+0·2	3·4	19·20	—8·79	2·63	VII	29	—9·4	2·3	+0·4	7	2	60	65	26	42	60	43	60	11	9	50	44	6	30	96	81	38	Mainpuri.
2·9	+0·4	2·9	29·00	—1·85	2·50	VIII	40	+1·2	4·0	0	8	9	67	36	17	13	76	35	104	43	15	73	12	5	11	51	82	73	Aligarh.
3·9	+0·7	3·9	44·75	+2·10	4·57	VII	51	+4·3	3·1	—1·2	21	26	93	50	13	15	63	20	62	32	24	29	26	15	24	72	46	97	Bareilly.
3·7	+0·7	3·3	41·34	+0·02	4·20	VII	51	+3·2	..	..	1	7	0	118	2	4	1	51	180†	4	12	7	89	10	32	9	141	61	Roorkee.
4·2	+0·2	4·5	94·79	+9·75	6·63	VII	99	+18·0	1·8	0	45	29	6	12	17	15	22	18	201	24	14	6	15	21	39	52	28	156	Dehra Dun.
																													PUNJAB, EAST AND NORTH.
3·1	+0·2	3·0	25·56	—0·68	3·05	VI	34	—2·1	5·2	..	7	28	60	34	6	35	88	25	82	44	45	45	20	4	14	36	110	47	New Delhi.
1·4	—0·7	1·5	12·59	—4·17	1·83	VIII	24	—1·7	4·7	—0·5	10	16	45	61	47	75	45	13	48±	46	19	25	39	26	40	48	65	49**	Hissar.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Ambala.*
3·4	+0·7	3·2	21·05	—5·16	3·33	VII	38	+2·5	1·8	—0·2	5	32	28	83	16	39	4	28	130	36	69	16	41	7	24	16	75	81	Ludhiana.
3·0	+0·3	2·7	17·84	—1·37	2·34	VII	26	—1·6	3·0	—1·3	11	40	44	64	10	10	21	15	150	27	43	29	30	12	18	60	73	73	Lahore.
2·1	—0·4	2·4	38·19	+6·36	3·75	VII	36	—5·0	2·3	—0·7	18	99	44	56	8	9	4	45	82	1	49	6	83	7	70	15	73	61	Sialkot.
3·4	+0·4	3·1	45·45	+9·06	3·50	VII	56	+6·5	2·7	+0·8	49	87	51	27	9	13	27	20	82	8	13	29	49	34	72	88	49	22	Rawalpindi.
																													PUNJAB, SOUTH WEST.
1·9	—0·5	2·2	11·55	—2·63	1·25	VIII	26	+2·4	4·6	—0·5	21	118	61	27	16	26	14	15	67	24	58	48	108	38	29	19	22	19	Khushab.
2·4	—0·8	2·7	7·55	—5·51	3·25	VII	13	—8·0	2·3	—0·1	8	30	40	47	47	40	16	13	124	9	26	34	38	34	46	34	54	90	Lyallpur.
1·0	—0·9	1·0	3·75	—6·29	1·23	VIII	12	—5·6	3·7	—0·1	3	2	34	37	32	8	14	6	229	25	10	18	11	33	21	14	27	206	Montgomery.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Leiah.*
2·3	+0·5	1·7	1·71	—5·24	0·71	VIII	4	—8·5	3·4	—1·7	84	13	10	6	106	30	8	17	91	46	12	19	18	73	82	3	25	77	Multan.
1·7	..	2·1	3·42	..	1·00	VII, VIII	9	..	6·6	..	16	41	48	51	50	94	9	9	47	71	54	8	9	23	101	59	27	13	Fort Abbas.
2·1	+0·1	1·7	0·74	+4·91	0·30	VIII, VII	2	+7·8	3·7	0·6	19	33	22	32	75	64	7	7	106	12	53	10	3	19	140	13	17	68	Bahawalpur.
1·3	—0·4	1·3	0·48	—6·01	0·20	VIII	2	—8·3	5·4	+0·1	4	106	5	1	6	199	0	11	33	2	115	1	3	1	212	3	15	15	Khanpur.
																													KASHMIR.
5·0	+0·3	5·4	22·20	—3·79	1·46	II	51	—6·3	2·2	—0·2	6	11	8	102	20	5	7	34	172	22	24	3	12	14	16	27	97	120	Srinagar.
4·1	—0·1	5·3	20·86	—4·67	2·43	XI	48	—8·5	2·5	—0·5	0	1	0	0	0	4	2	2	356	16	0	1	1	13	31	61	67	175	Dras.
4·5	—0·3	5·6	3·01	—0·25	0·38	V	9	—1·3	3·4	—1·5	5	137	20	7	11	9	4	4	168	13	23	7	8	36	146	60	18	54	Leh.
3·7	—0·9	4·8	2·87	—3·43	0·41	I	8	—10·0	4·4	—1·1	0	1	4	4	11	18	36	13	278	1	15	24	6	30	50	58	16	165	Skardu.
4·5	—0·2	5·6	2·04	—3·14	0·25	III	6	—9·1	0·9	0	0	5	2	4	1	23	9	0	321	0	9	15	23	0	28	4	7	279	Gilgit.
3·5	..	4·9	0·93	..	0·45	VI	2	..	5·5	..	22	37	49	15	1	18	66	133	24	4	20	137	83	6	26	43	39	7	Misgar.

† Total for 364 days. ‡ Total for 362 days. § Total for 359 days. ‖ Total for 363 days. ± Total for 360 days. ** Total for 357 days.

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.) and

STATION.	Height of bar, cistern above mean sea level in feet.	Pressure at Station level in millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
N.-W. F. PROVINCE.																						
Peshawar	1,175	968·0	—1·0	965·4	86·9	+1·9	115	VI	62·1	+1·6	33	I	66·2	84·5	58·2	65·6	14·7	+0·8	14·1	61	0	35
Bannu	1,264	963·6	..	961·7	88·7	+1·3	117	VI	65·1	+3·3	35	I, XII	69·3	86·4	59·4	64·9	14·8	+0·6	12·1	52	—6	27
Miranshah	3,026	906·6	..	904·3	83·7	+3·8	112	VI	56·9	+1·3	30	XII	64·9	80·4	54·4	62·3	11·8	+0·8	12·4	51	—3	36
D. I. Khan	570	987·6	—0·9	985·1	92·2	+2·6	117	VI	63·7	+1·0	31	I	67·4	89·0	60·5	69·5	17·0	—0·2	17·0	63	—4	34
BALUCHISTAN.																						
Fort Sandeman	4,614	858·2	+0·4	855·5	82·5	+2·8	111	VII	55·9	+2·2	23	XII	59·7	79·4	49·3	56·9	9·4	0	7·7	47	—16	22
Loralai	4,699	853·9	..	852·0	79·8	..	107	VII	50·7	..	20	I, II	54·8	77·3	45·9	57·2	8·3	..	9·0	49	..	26
Sibi	441	992·4	+0·3	988·8	96·5	+2·6	123	V	68·1	+1·0	33	I	71·8	94·4	61·0	69·2	16·0	+2·7	14·0	50	+3	23
Quetta	5,490	830·6	—1·7	828·6	75·9	..	102	VI	43·9	..	9	XI	50·7	73·7	43·1	52·1	8·1	—1·1	6·4	55	—8	23
Chaman	4,311	867·3	—0·2	866·1	80·5	+2·3	108	VII	56·7	+1·8	19	I	62·0	78·6	49·6	58·5	8·3	+0·4	9·8	43	—2	29
Kalat	6,616	799·3	+0·4	797·6	72·9	+0·7	97	VI	43·0	+0·3	7	I	49·7	70·1	39·2	48·5	5·3	—2·1	4·5	41	—13	19
Dalbandin	2,780	915·5	+0·1	912·9	88·6	+1·3	117	VII	54·9	+0·3	16	XII	60·0	86·8	47·3	61·3	7·0	—1·4	9·0	41	—6	21
Nokkundi	2,229	933·2	..	930·8	91·3	+1·6	119	VII	61·7	—0·4	22	I, XI	66·5	89·7	51·2	62·8	7·8	—2·7	9·5	35	—9	19
Las Bela	292	998·8	—0·1	995·1	96·7	+2·2	121	V	..	..	..	..	68·8	93·8	64·8	78·4	21·5	+0·4	27·1	78	+5	49
Ormara	15	..	..	..	87·2	+2·0	103	IV, IX	69·9	—0·6	43	I	72·7	84·4	70·3	76·1	25·4	+2·0	27·9	88	+5	68
Pasni*	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur	3,177	902·5	—0·2	900·3	86·4	+0·7	110	VII	..	..	..	..	59·9	84·4	53·2	67·5	12·9	+0·8	17·9	63	+2	41
Jiwani	185	1,002·0	..	1,000·1	..	..	108	VI	69·5	..	39	I	72·3	83·0	68·5	72·0	23·4	..	22·8	81	..	57
SIND.																						
Jacobabad	183	1,000·7	—0·9	997·9	96·0	+1·5	121	V, VII	66·9	0	35	I, II	69·9	94·3	62·1	70·9	18·4	—0·8	16·8	60	—5	29
Sukkur	221	999·3	—0·9	996·6	..	..	116	VII	67·6	+0·4	39	I, II, XI	71·1	92·3	64·1	71·5	19·3	+1·1	18·8	67	+2	32
Pad Idan	153	1,001·8	..	999·1	96·2	..	120	V	63·6	..	32	XI	67·5	94·6	61·4	70·5	18·1	..	15·9	70	..	26
Umarkot	55	1,005·3	..	1,002·4	94·8	..	114	V	65·7	..	37	XII	69·2	93·3	65·1	76·2	21·6	..	24·3	77	..	44
Hyderabad	96	1,004·2	—0·7	1,001·9	94·2	+0·8	117	V	68·3	0	41	I	70·9	91·8	64·8	70·3	20·2	+1·8	16·6	69	+4	32
Karachi (Maora)	13	1,007·7	—1·0	1,005·7	84·8	+0·7	97	X	72·5	+0·9	52	I	72·2	82·1	69·3	74·0	23·5	+0·3	25·7	77	—3	67
Badin	31	1,007·2	—0·3	1,004·5	93·9	+1·9	111	III, IV, V	66·4	—1·3	39	I	68·9	91·5	64·7	71·3	21·2	+0·3	18·3	77	+5	35
RAJPUTANA, WEST.																						
Sri Ganganagar	580	987·3	..	984·8	93·6	+2·8	116	V, VI	63·2	+1·6	30	I, XII	68·7	90·3	59·9	68·6	16·2	+1·1	15·0	62	+2	31
Bikaner	734	982·2	—0·9	979·5	93·9	..	115	V, VI	65·1	..	31	I	69·1	92·3	59·9	69·1	15·8	..	14·8	57	..	27
Phalodi	783	980·8	..	978·5	93·2	..	114	V, VI	65·8	..	35	XII	69·5	91·8	62·5	72·7	18·3	..	19·6	66	..	39
Jodhpur	736	983·2	+0·9	980·2	93·1	+1·4	115	VI	67·1	+0·5	37	I	70·9	91·1	61·2	68·0	15·7	+0·4	13·7	54	—1	27
Barmer	638	986·1	—0·4	983·1	93·9	+1·5	116	VI	68·1	—0·3	43	I	71·9	91·9	63·5	70·2	18·0	—0·5	17·1	59	—5	31
RAJPUTANA, EAST.																						
Sikar†	1,406	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jaipur	1,431	959·7	—0·8	957·3	89·8	—0·1	113	VI	65·8	+1·2	35	I	71·1	86·5	62·1	36·9	16·4	+1·2	14·5	59	+4	35
Ajmer	1,593	954·6	—0·5	951·5	88·6	+0·4	110	VI	65·8	+0·6	34	I	71·9	86·2	62·9	68·3	17·3	+1·4	16·4	61	+4	39
Kotah	843	979·6	—0·6	976·4	91·5	—0·4	115	VI	69·7	+0·3	40	I	73·0	89·0	64·3	69·2	17·8	+1·7	16·0	63	+9	37
Brijnagar	1,053	972·1	—0·8	968·9	90·0	—0·2	113	VI	65·6	+0·2	37	I	70·5	87·8	63·4	68·7	17·8	+0·4	15·9	68	+6	39
Rajsamand	1,850	945·5	..	943·0	87·0	..	108	VI	68·0	..	43	I	71·1	84·1	63·4	67·5	17·5	..	16·7	66	..	43
GUJARAT.																						
Deesa‡	466	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bhuj	343	997·2	—0·3	994·5	91·1	0	108	III	67·9	—0·2	43	I	70·3	89·1	64·7	69·0	20·0	—0·4	16·0	72	+7	34
Dwarka	37	1,007·9	—0·7	1,005·8	84·4	0	99	III	..	..	..	..	74·4	81·7	70·1	73·2	24·3	—0·1	24·7	79	—1	66
Jamnagar	60	1,007·8	+0·2	..	89·2	—0·2	104	III	69·1	+1·1	45	I	75·8	..	69·9	..	23·5	+1·1	..	73	—1	..
Rajkot	432	994·1	—0·6	990·9	92·4	—0·5	109	IV, V	67·1	+0·7	43	I	70·1	90·4	65·4	70·0	20·7	+1·0	16·5	75	+6	35
Veraval	26	1,007·9	—1·2	1,005·7	87·2	..	105	IV	69·9	..	43	I	73·3	83·5	68·3	76·0	22·8	..	28·0	75	+3	73
Surat	39	1,008·0	—0·5	1,005·5	91·8	+0·3	110	III	72·1	+1·7	53	I	76·3	87·8	..	..	..	..	..	..	..	..
Bhavnagar	55	1,007·4	—0·6	1,004·1	92·7	—0·8	110	IV	68·9	—0·1	43	I	72·1	89·9	65·5	71·8	19·8	—0·5	18·9	68	+7	44
Ahmedabad	163	1,003·7	—0·6	1,000·3	92·4	—2·1	111	IV	71·5	+0·8	52	I	73·6	90·6	66·9	71·7	20·6	+1·5	18·8	68	+6	39
Dohad	1,093	972·5	..	969·5	90·0	—1·0	109	VI	67·7	+0·6	40	I	70·6	87·5	62·9	70·1	19·1	+0·3	17·6	70	+1	43
Baroda	115	1,005·3	..	1,001·9	93·5	+0·1	113	IV	67·8	+1·6	40	I	71·7	90·5	67·5	73·7	22·2	+2·1	21·2	79	+10	46

*Data incomplete hence no means. † Data Started in July hence no means. ‡ Data not reliable hence rejected.

17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1946—*contd.*

Cloud amount, (tenths of sky.)			Rainfall, inches.				Number of rainy days, (0·10" or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :—																			STATION.
											8 hrs. I. S. T.									17 hrs. I. S. T.										
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
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	51	52		53
																														N.-W. F. PROVINCE.
3·3	—0·5	4·4	8·21	—5·35	1·45	II	17	—9·3	4·2	+2·4	27	18	6	28	57	76	16	45	92	42	158	28	31	21	23	9	28	25		Peshawar.
2·9	+0·8	3·9	9·68	—1·43	3·50	VI	16	—6·6	3·6	..	7	16	12	12	11	16	70	80	141	2	32	62	170	47	10	2	15	25		Bannu.
2·0	—0·2	3·3	6·29	—6·55	2·39	VII	10	—18·7	5·7	+0·6	19	6	6	1	1	4	19	12	297	2	9	275	33	7	8	3	7	21		Miranshah.
1·6	—0·5	1·9	1·33	—7·76	0·52	X	4	—12·5	2·4	—0·9	18	114	19	2	7	4	19	25	157	14	88	52	60	11	17	4	11	108		D. I. Khan.
																														BALUCHISTAN.
2·0	0	3·5	4·12	—6·71	0·83	VIII	13	—11·4	3·1	+0·7	7	24	34	27	8	19	20	12	214	28	28	34	27	26	53	64	44	61		Fort Sandeman.
1·9	..	3·3	6·19	—2·56	1·77	VIII	11	—8·0	5·0	..	2	6	5	0	5	45	288	30	34	5	5	22	95	138	38	32	24	6		Loralai.
1·9	+0·1	2·1	4·11	—0·50	1·38	VIII	9	—0·9	4·2	+0·5	27	12	15	31	35	16	17	31	181	6	6	18	73	129	68	37	8	20		Sibi.
2·0	—0·1	2·8	6·44	..	1·00	VIII	22	..	4·4	+2·0	12	34	17	61	77	20	4	4	136	90	15	5	7	16	46	26	145	15		Quetta.
2·3	+0·3	2·5	7·66	+0·01	1·99	I	16	—3·7	5·4	+0·3	2	67	43	143	26	29	1	8	46	11	7	1	10	8	138	26	162	2		Chaman.
1·5	—0·4	2·3	4·14	—2·84	1·31	VIII	9	—9·6	6·3	+1·6	9	2	4	36	275	14	1	4	20	73	9	6	9	24	44	43	157	0		Kalat.
1·5	—0·3	2·1	0·23	—3·40	0·08	II	0	—9·3	4·8	+0·7	50	70	24	12	12	13	26	23	135	13	42	62	40	30	73	41	33	31		Dalbandin.
0·8	—1·1	1·0	0·03	—1·92	0·03	II	0	—4·5	8·0	—0·5	92	77	19	10	5	2	5	87	68	53	11	21	38	21	20	29	119	53		Nokkundi.
3·8	+0·9	2·6	4·08	—4·31	1·28	VIII	9	—5·4	3·1	+0·4	32	13	10	10	25	14	2	29	230	7	2	13	54	187	55	9	12	26		Las Bela.
2·4	—1·5	0·7	2·38	—3·63	0·94	II	4	—5·6	8·2	—0·2	4	13	34	27	9	13	136	7	122	1	6	13	19	48	70	193	8	7		Ormara.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		Pasni. *
1·4	—0·3	1·9	1·24	—3·57	0·66	VI	3	—7·5	5·9	+1·0	40	140	80	3	3	10	9	19	39§	103	24	11	1	14	56	50	81	3§		Panjgur.
3·7	..	2·2	0·01	..	0·01	III	0	..	..	..	70	21	25	41	25	27	40	35	76	9	6	4	51	114	101	61	10	3†		Jiwani.
																														SIND.
1·8	+0·3	1·8	0·40	—3·20	0·13	VIII	2	—5·8	6·4	+1·7	10	13	86	93	33	5	25	46	54	16	14	24	125	73	22	19	52	20		Jacobabad.
1·3	0	1·1	0·47	—3·23	0·18	VIII	2	—4·2	3·4	—0·3	15	37	32	146	30	38	9	3	55	50	48	1	17	62	70	35	29	53		Sukkur.
1·3	..	1·7	6·22	..	2·24	VIII	5	..	6·1	..	29	23	10	114	63	6	12	24	84	56	28	5	39	69	24	17	38	89		Pad Idan.
2·8	..	2·1	7·63	..	2·32	VIII	11	..	8·2	..	41	34	12	7	101	126	4	4	36	55	17	5	2	29	138	58	53	8		Umarkot.
2·8	+0·7	2·1	5·30	—1·79	1·31	VIII	9	—0·1	6·9	+0·1	66	17	1	3	100	114	5	26	33	60	46	9	7	97	108	16	14	8		Hyderabad.
4·3	+0·5	3·2	3·92	—3·78	1·24	VII	5	—4·0	8·9	—0·1	23	80	19	2	3	72	115	39	12	2	12	8	2	16	208	111	6	0		Karachi (Manora)
2·3	—0·5	1·6	7·40	—1·69	1·99	VII	9	—1·4	6·8	..	58	12	1	2	24	153	67	21	27	61	35	5	6	35	114	63	40	6		Badin.
																														RAJPUTANA, WEST.
0·9	—1·0	1·2	5·20	—5·01	0·67	V	12	—6·5	4·4	—0·9	17	12	43	41	35	81	9	16	111	38	23	24	11	14	51	27	71	106		Sri Ganganagar.
1·1	—1·0	1·3	7·16	—4·31	1·66	VIII	12	—7·0	4·3	—0·4	0	54	3	24	7	136	5	22	114	19	79	2	14	6	124	7	86	28		Bikaner.
2·9	..	3·3	6·12	—2·77	1·22	VI	14	—0·4	9·3	..	15	7	8	42	61	137	41	9	45	48	36	6	17	37	114	54	44	9		Phalodi.
2·7	—0·5	2·9	9·61	—4·60	1·77	VIII	17	—3·0	3·7	—4·2	4	114	7	1	4	72	78	3	82	13	53	17	5	10	89	104	32	42		Jodhpur.
2·3	—0·6	2·1	12·94	+1·11	2·14	VIII	17	+0·6	5·8	+0·1	10	2	3	9	31	73	53	99	85	16	43	14	12	46	115	52	25	42		Barmer.
																														RAJPUTANA, EAST.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		Sikar.†
3·0	+0·2	3·6	36·29	+12·27	3·82	VIII	42	+6·4	4·4	+0·2	50	42	49	11	4	13	60	42	94	45	33	25	18	18	49	88	59	30		Jaipur.
2·5	—0·1	3·1	24·09	+3·32	3·26	IX	32	+2·2	5·2	+1·5	2	7	0	3	4	71	90	5	183	9	35	5	10	10	91	128	16	61		Ajmer.
2·3	+0·5	3·7	47·40	+17·86	5·34	IX	48	+11·5	3·4	+0·9	9	11	7	6	11	46	89	29	157	26	35	29	8	7	46	88	58	68		Kotah.
2·9	—0·2	3·6	65·73	+29·28	5·75	VII	64	+17·7	4·1	+0·9	25	12	6	11	2	53	77	24	155	59	60	15	10	5	40	87	56	24		Brijnagar.
3·1	..	3·9	25·13	..	2·43	VI	42	..	5·6	..	67	17	5	8	7	48	87	68	58	56	10	33	41	26	40	62	58	45		Rajsamand.
																														GUJARAT.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		Deesa. ‡
2·7	—0·3	2·9	11·82	—1·80	2·88	VII	12	—3·8	6·5	—0·6	3	2	4	3	29	103	40	6	175	65	29	6	3	17	121	82	19	23		Bhuj.
4·2	+0·4	3·5	7·94	—5·99	2·42	VII	17	+1·2	9·5	—0·3	49	47	10	8	15	93	67	38	38	18	26	7	0	11	116	107	79	1		Dwarka.
4·0	+1·2	..	12·45	—6·11	1·44	VI	29	+8·7	4·2	—5·5	10	15	8	4	0	72	74	0	182	..	..	..	..	..	..	..	..	..		Jamnagar.
3·0	—0·7	3·3	23·62	—1·18	3·81	VI	35	+5·0	8·9	+1·7	21	20	27	14	33	101	62	25	62	41	66	13	2	15	79	90	56	3		Rajkot.
4·0	+0·4	3·6	24·97	+5·13	2·51	VII	40	+15·2	13·1	..	94	68	5	2	13	66	58	47	12	5	1	2	8	26	97	152	71	0		Veraval.
5·0	+1·1	4·1	67·31	+25·64	6·19	VII	64	+16·4	4·5	+0·1	21	48	23	13	21	84	13	14	128	12	18	5	3	20	143	39	51	74		Surat.
3·6	0	3·8	42·95	+20·86	5·20	VII	44	+14·2	5·0	—0·1	10	3	5	6	5	102	154	22	58	33	55	68	29	43	70	49	11	7		Bhavnagar.
3·1	—0·1	3·4	27·77	+1·44	..	..	..	..	3·7	—0·3	23	62	39	8	20	61	40	37	67§§	18	31	23	12	32	76	59	42	58††		Ahmedabad.
4·1	+0·2	3·8	41·71	+13·56	2·29	VII	57	+16·8	10·5	+5·1	9	35	36	28	37	93	88	4	35	36	32	21	11	12	76	164	6	6‡		Dohad.
3·3	0	3·3	41·40	+4·71	3·33	VIII	56	+16·4	3·4	—0·2	17	43	13	3	43	87	25	9	125	28	26	9	4	23	97	75	43	60		Baroda.

§ Total for 343 days. | Total for 360 days. † Total for 359 days. §§ Total for 357 days. †† Total for 351 days. ‡ Total for 364 days.

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.) and

STATION.	Height of bar, cistern above mean sea level in feet.	Pressure at Station level in millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CENTRAL INDIA, WEST.																						
Neemuch	1,626	953·8	—0·5	951·3	90·0	—0·1	111	VI	..	..	38	I	69·3	85·9	62·4	67·4	17·6	+1·0	15·9	68	+8	40
Indore	1,823	947·1	—0·6	944·2	87·4	—0·8	108	VI	65·0	+1·2	36	I	68·6	85·6	62·5	66·9	17·7	+0·7	16·1	72	+9	40
Bhopal	1,643	953·0	—0·4	950·0	88·4	0	111	V	66·6	+1·3	37	I	71·4	85·7	63·3	67·9	17·4	+1·5	16·5	66	+5	43
Guna	1,571	955·5	—0·2	952·7	89·0	+0·1	112	V, VI	64·4	+1·4	33	I	69·4	86·0	61·7	67·4	17·1	+0·5	16·0	69	+6	41
Gwalior	681	984·7	..	981·6	90·7	..	115	V, VI	65·7	..	33	I	72·9	87·3	55·7	68·8	17·9	..	16·3	62	..	38
Madhosagar	757	982·2	..	979·1	91·4	..	115	V, VI	70·0	..	45	I	74·2	87·7	65·4	68·5	18·6	..	16·6	62	..	38
CENTRAL INDIA, EAST.																						
Nowgong	750	982·6	—0·5	978·5	90·0	+0·3	115	VI	65·8	+0·6	33	I	70·8	87·2	64·8	71·1	19·8	+1·7	18·4	74	+7	44
Satna	1,041	972·3	—0·6	969·0	89·8	+1·4	113	V, VI	66·1	+0·2	34	I	71·5	85·7	65·5	70·6	20·0	+2·4	19·5	73	+11	47
Umaria	1,506	956·7	..	953·6	88·7	+0·9	112	VI	65·0	+1·0	33	I	71·3	84·9	62·2	68·3	18·3	+1·0	17·5	69	+5	46
BERAR.																						
Akola	925	977·2	—0·8	972·4	93·1	—0·2	112	V	69·4	+1·7	41	I	73·1	90·4	65·0	70·9	18·3	+1·3	17·3	67	+5	38
Amraoti	1,213	968·1	—0·2	964·1	91·6	—0·5	112	V	70·9	+1·3	48	I	74·5	89·2	66·1	71·7	18·8	+1·6	18·9	63	+6	43
C. P., WEST.																						
Khandwa	1,044	973·1	—0·8	969·4	91·9	—0·3	111	V, VI	68·2	+1·2	35	I	72·6	82·8	64·4	69·8	17·6	+0·8	16·2	63	+3	39
Hoshangabad	992	974·8	—0·9	971·2	89·3	—0·5	112	V, VI	69·2	+1·5	42	I	72·7	87·3	64·9	70·1	18·2	+0·9	17·8	66	+3	45
Saugor	1,808	947·0	—0·6	944·3	87·0	—0·7	109	V, VI	68·1	+1·5	44	I	72·5	82·8	62·8	66·4	16·4	+1·1	15·9	60	+4	44
Jubbulpore	1,289	964·6	—0·3	961·2	89·8	+1·5	111	V, VI	65·9	+2·2	34	I	72·1	86·6	62·9	69·8	18·5	+1·1	17·7	68	+2	45
Seoni	2,027	940·1	—0·5	937·0	87·8	+0·4	111	V	65·6	+0·9	40	I	71·0	84·1	63·5	68·0	17·7	+1·2	17·2	67	+6	46
Nagpur	1,022	973·7	—0·7	970·2	91·9	—0·1	113	V	70·4	+0·2	45	I	74·4	88·7	65·9	70·4	18·5	+0·7	17·5	64	+5	42
C. P., EAST.																						
Gondia*	1,026	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..
Pendra	2,040	939·3	—0·7	936·4	85·8	+1·4	107	V	66·2	+1·6	41	I	72·7	81·1	64·7	67·4	18·3	+1·2	17·8	65	+1	52
Champa	805	981·2	..	977·5	91·0	..	112	IV, V	70·6	..	46	I	74·6	87·8	69·0	71·2	20·7	..	19·0	69	..	45
Raipur	970	976·1	+0·2	972·4	90·9	+0·6	113	V	70·5	+1·2	44	I	75·6	87·9	68·1	71·2	20·9	+1·5	18·9	68	+4	47
Titilagarh	691	984·9	..	981·2	91·2	..	111	V	70·7	..	44	I	75·9	88·1	68·6	72·1	22·1	..	20·0	75	..	47
Kanker	1,318	964·3	+0·1	960·8	90·1	+0·5	107	V	68·1	+1·2	39	I	73·7	86·3	67·5	76·5	20·1	+1·0	20·0	73	+2	49
Chanda	634	987·4	—0·4	983·4	92·2	—0·4	113	V	69·5	+0·7	40	I	75·1	89·8	68·2	72·6	21·1	+0·8	19·8	72	+7	45
Jagdalpur	1,815	947·8	—0·2	944·5	87·4	0·2	104	V	64·8	0	37	I	71·7	83·0	66·6	69·5	20·9	—0·4	19·4	77	0	53
KONKAN.																						
Dahanu	15	1,008·6	..	1,006·4	87·1	..	102	III	72·6	..	56	I	75·2	83·7	71·2	77·0	25·0	..	28·9	80	..	73
Bombay	35	1,008·1	0·9	1,005·7	87·9	+1·1	100	III	74·9	+1·1	56	I	77·7	83·4	73·5	76·3	26·6	+1·0	28·0	81	+2	71
Alibag	23	1,009·3	—0·1	..	86·3	+0·5	97	III, X, XI	73·4	+0·8	59	I	76·9	..	73·2	..	26·7	+2·2	..	83	+6	..
Harnai	66	1,006·5	..	1,004·7	85·1	..	99	III	..	..	65	I	78·9	82·7	73·3	76·8	25·7	..	28·9	76	..	76
Devgad	117	1,005·8	..	1,003·4	87·1	..	95	V, X, XI	75·1	..	62	I	78·2	84·2	73·8	77·1	26·7	..	28·7	80	..	72
Marmagao	202	1,003·5	0	1,000·5	85·8	+1·0	96	XI	73·8	—0·8	54	XI	79·5	83·1	74·1	76·1	26·5	+0·7	27·6	77	—3	73
Honavar	85	1,008·1	..	1,005·3	87·5	..	97	I	73·2	..	60	I	76·9	83·7	73·2	77·1	26·6	..	28·9	83	..	74

* Started on 20th May 1946 hence no means.

7 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1946—*contd.*

Cloud amount, (tenths of sky.)			Rainfall, inches.			Number of rainy days, (0·10" or more.)			Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :—																	STATION.
											8 hrs. I. S. T.									17 hrs. I. S. T.									
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Clam	N	NE	E	SE	S	SW	W	NW	Calm	
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	51	52	53
																													CENTRAL, INDIA, WEST.
3·9	+1·0	4·5	53·70	+23·61	3·53	VIII	48	+11·9	6·4	+0·5	13	114	16	10	2	68	92	21	29	3	130	8	11	1	98	69	21	24	Neemuch.
4·1	+0·5	4·6	60·51	+21·79	9·13	VII	63	+16·3	3·9	+0·5	9	28	9	16	3	68	86	26	120	25	59	10	21	5	76	94	43	32	Indore.
4·2	+0·7	4·9	51·01	—1·30	5·53	VII	58	—0·9	4·3	+0·6	4	14	2	7	7	56	92	35	148	24	37	11	7	7	52	111	57	59	Bhopal.
3·4	+0·6	3·9	67·15	+17·49	4·83	VIII	78	+25·1	4·8	+1·0	17	5	42	26	5	54	67	5	144	85	13	13	10	10	45	92	47	50	Guna.
3·3	..	4·0	30·04	..	2·58	VI	49	..	2·9	..	6	10	17	21	21	21	60	33	176	55	34	24	14	10	22	51	65	90	Gwalior.
3·3	..	4·4	34·38	..	3·03	VIII	50	..	5·6	..	15	33	15	10	24	148	52	24	44	50	89	16	22	8	40	51	76	13	Madhosagar.
																													CENTRAL INDIA, EAST.
3·4	—0·2	3·7	51·48	+9·39	3·73	VIII	54	+4·9	3·2	+1·2	22	35	19	10	72	88	20	15	84	66	64	14	0	6	62	45	72	36	Nowgong.
3·8	+0·3	5·3	49·20	+4·80	2·92	VI	61	+3·4	3·2	—1·0	4	18	35	18	19	61	66	24	119*	42	35	31	10	7	37	79	86	38	Sutna.
4·5	+0·5	5·5	72·12	+17·67	8·26	VI	60	—8·1	3·2	+0·2	5	13	26	22	14	43	65	14	163	46	28	16	14	10	26	76	53	96	Umaria.
																													BERAR.
2·8	—0·9	2·9	32·40	+0·25	2·32	VII	55	+2·1	5·0	+1·2	3	22	17	19	11	17	99	52	125	28	51	18	22	3	11	66	122	44	Akola.
4·0	+0·4	4·9	46·42	+14·10	4·80	VII	55	+6·5	7·2	+2·3	3	97	53	24	18	97	58	14	1	15	77	6	44	4	79	28	112	0	Amraoti.
																													C. P., WEST.
4·0	+0·8	5·1	50·36	+19·63	5·60	VII	52	+9·0	5·2	+0·4	15	19	13	10	23	58	112	26	89	56	56	11	11	11	54	79	82	5	Khandwa.
3·7	+0·1	4·3	57·79	+7·50	4·62	VIII	64	+7·4	3·3	+0·8	11	41	65	27	30	70	76	10	35	18	45	40	21	23	43	108	25	42	Hoshangabad.
4·8	+1·4	5·5	58·66	+7·66	4·80	VIII	64	+5·6	9·5	—0·3	9	50	44	50	25	79	86	17	5	39	52	23	20	8	61	95	65	1	Saugor.
4·5	+1·0	5·3	59·00	+1·45	4·77	VI	71	+8·1	4·1	+1·9	4	18	10	87	33	64	67	2	80	48	88	8	23	5	47	76	37	33	Jubbulpore.
4·1	+0·6	5·1	66·25	+11·84	4·60	XI	76	+5·6	4·0	+0·9	46	49	14	19	29	51	57	30	70	67	53	25	37	36	40	48	54	5	Seoni.
3·9	+0·1	5·1	54·51	+5·27	5·05	VII	65	+2·4	3·9	—1·0	139	12	10	10	37	26	62	42	27	83	22	62	14	31	24	81	43	5	Nagpur.
																													C. P., EAST.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Gondia. *
4·2	+0·5	5·1	74·57	+20·49	9·53	VI	84	+6·7	4·2	+0·7	53	22	8	23	59	23	28	66	83	85	27	16	25	46	32	31	69	34	Pendra.
4·0	..	5·1	67·72	..	6·10	VIII	73	..	4·9	..	86	30	29	14	11	40	56	66	33	77	22	21	14	18	38	90	56	29	Champa.
3·6	—0·1	4·1	41·27	—11·17	4·01	VIII	56	—8·3	4·2	+0·5	16	70	6	15	3	113	24	41	77	7	73	11	10	1	84	14	77	88	Raipur.
4·0	..	4·2	42·78	..	4·51	IX	70	..	2·5	..	14	13	10	33	65	44	18	8	160	68	56	18	24	41	46	45	30	37	Titilagarh.
5·9	+1·3	6·6	40·04	—18·09	3·26	VIII	60	—9·9	4·1	+0·7	1	3	2	7	9	74	37	6	226	23	49	14	11	2	50	98	41	86	Kanker.
4·0	+0·8	5·3	51·16	—0·96	3·87	VII	57	—6·3	4·2	+1·2	22	8	67	24	19	39	71	32	83	57	17	74	21	30	20	85	15	46	Chanda.
4·3	+0·1	5·2	67·80	+4·54	4·90	VII	79	—4·0	4·3	+1·7	0	30	2	2	4	124	14	24	165	2	72	0	6	6	138	16	52	73	Jagdalpur.
																													KONKAN.
4·8	..	4·0	78·16	..	6·70	VII	78	..	10·2	..	16	32	124	87	11	47	36	5	6*	84	4	1	1	5	80	122	61	0†	Dahanu.
4·9	+0·6	4·2	79·14	+7·93	8·56	IX	87	+13·3	5·7	—1·9	25	60	73	38	33	35	58	20	22	102	1	3	2	3	35	86	133	0	Bombay.
4·7	0	..	79·19	—2·63	5·58	VII	104	+20·2	7·5	..	9	53	51	44	6	65	17	6	114	..	..	..	..	..	..	..	..	..	Allbag.
4·8	..	4·1	121·25	..	6·70	IX	106	..	9·5	..	35	69	78	43	19	39	46	34	2	16	1	2	12	19	70	152	92	0	Harnai.
5·4	..	5·4	75·15	..	4·61	VI	103	..	..	..	19	46	163	23	6	11	66	31	0	10	1	3	1	8	23	111	178	0	Devgad.
4·7	—0·2	4·9	95·80	—4·95	5·90	VI	111	+12·2	8·9	+2·4	28	46	95	55	25	21	73	18	4	5	1	5	5	21	53	193	82	0	Marmagao.
5·9	..	5·9	156·98	+18·46	11·52	VI	122	+11·5	3·1	..	2	19	179	42	5	9	47	14	48	5	5	11	5	23	29	163	93	31	Ronavar.

* Total for 364 days. † Total for 358 days.

Table II.—Abstract of Observations recorded at 8 hrs, I. S. T. (2-30 hrs. G. M. T.)

STATION.	Height of cistern of bar, above mean sea level in feet.	Pressure at Station level in millibars. Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Maximum temperature, °F. Mean.	Departure from normal.	Highest during the year.	Month.	Minimum temperature, °F. Mean.	Departure from normal.	Lowest during the year.	Month.	Dry bulb temperature, °F. Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Wet bulb temperature, °F. Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Vapour pressure, millibars. Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Relative humidity, % Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
BOMBAY, DECCAN.																						
Jalgaon	660	986·5	..	983·0	92·5	..	112	V	68·5	..	38	I	73·0	91·7	66·2	72·5	19·9	..	19·0	69	..	4
Malegaon	1,432	960·7	—0·5	957·1	92·0	—0·2	108	IV	66·3	+1·1	41	I	71·7	88·8	62·5	69·4	17·9	+0·8	16·1	63	+2	3
Ahmednagar	2,154	936·7	—0·9	933·4	90·4	+0·7	105	IV, V	65·5	+1·3	43	I	71·3	86·5	64·2	70·7	18·1	+1·7	18·9	68	+9	4
Poona	1,834	947·6	—0·6	944·5	89·2	—0·2	105	III	65·7	+1·3	43	I	69·3	84·8	65·0	69·3	19·9	+2·2	18·2	79	+7	4
Sholapur	1,570	956·8	0	952·9	..	..	109	V	68·7	+0·2	43	I	73·3	89·3	65·2	69·8	18·4	+1·8	16·5	64	+5	3
Miraj	1,817	948·3	—0·7	944·8	89·5	+0·9	105	IV	67·0	+1·0	46	I	70·7	85·9	65·8	69·9	20·2	+0·9	18·5	77	+5	4
Kolhapur	1,885	946·3	..	943·1	87·5	..	103	IV	66·5	..	48	I	69·9	84·1	65·5	68·9	20·0	..	18·1	79	..	5
Bijapur	1,950	943·8	—0·6	940·4	90·1	—0·6	105	V	..	..	47	I	72·5	87·5	66·1	70·1	19·6	+1·0	18·1	71	+4	4
Belgaum	2,562	924·2	—0·4	921·6	83·6	—1·1	98	IV	64·4	+0·3	45	I	68·2	79·7	64·6	67·8	19·7	+1·4	18·6	82	+6	5
Gadag	2,131	938·6	0	935·3	88·7	+0·1	103	IV	68·1	+0·2	52	I	72·6	85·0	67·3	70·2	20·9	+1·2	19·2	76	+2	4
HYDERABAD, NORTH.																						
Aurangabad	1,905	945·5	—0·5	942·1	90·2	—0·2	107	V	67·7	+2·2	45	I	72·2	87·3	64·7	70·4	18·2	+2·1	18·6	67	+8	4
Parbhani	1,350	962·3	..	958·3	93·3	..	111	V	68·4	..	43	I	72·2	90·1	65·9	71·3	18·7	..	17·9	64	..	3
Nidar	2,178	936·5	..	933·2	87·8	—0·9	104	V	69·5	+1·0	54	I	74·0	84·8	68·5	72·3	21·8	+2·6	22·1	75	+7	5
Nizamabad	1,250	966·4	—0·7	962·7	91·6	—0·4	110	V	70·3	+1·4	44	I	74·0	89·2	66·9	70·2	19·7	+0·2	16·9	68	+2	3
Peddapalli*	755	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
HYDERABAD, SOUTH.																						
Gulbarga*	1,503	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
Raichur	1,311	965·2	—0·3	961·2	91·5	—1·0	108	V	72·4	+0·3	52	I	75·2	89·3	68·7	71·8	21·3	+0·6	19·0	71	+4	4
Hyderabad (Begumpet)	1,778	949·4	—0·1	946·0	90·8	+0·4	107	V	69·1	+0·7	43	I	73·3	86·5	67·4	71·1	20·9	+0·3	19·8	75	+3	4
Hanamkonda	881	979·3	—0·4	975·5	..	..	110	V	72·7	+1·2	49	I	75·9	89·1	70·0	71·6	22·7	+0·8	18·7	74	+4	4
Khammameth	367	997·0	..	992·9	93·3	..	111	V	73·2	..	49	I	78·0	90·1	72·7	74·8	25·6	..	22·1	77	..	4
MYSORE.																						
Chitaldrug	2,405	929·3	—0·3	926·0	85·8	—1·6	99	IV, V	68·2	+0·3	54	I	71·3	83·1	66·6	68·4	20·4	+0·8	17·5	79	+7	4
Hassan	3,149	906·0	..	903·1	82·2	—1·6	96	IV	64·2	+0·8	50	I	68·3	77·7	64·8	67·2	19·6	+0·1	18·5	82	+3	5
Bangalore	3,021	909·9	—0·2	906·8	83·4	—0·6	97	V	65·4	+1·4	51	I	68·7	80·0	65·1	66·2	19·7	+0·1	16·2	83	+3	5
Mysore	2,518	926·3	—0·2	923·1	84·0	—2·3	96	V	66·8	+0·1	54	II	69·1	82·1	66·0	67·9	20·5	0	17·3	85	+7	5
MALABAR.																						
Mangalore	72	1,008·3	—0·2	1,005·4	87·0	—0·3	94	I, II	74·4	0	63	I	77·5	83·4	74·0	76·8	27·1	+0·5	28·4	84	+8	7
Calicut	27	1,009·7	—0·4	1,006·8	86·3	—0·6	93	III, IV, V	74·3	—0·3	66	I	76·8	84·9	74·2	78·6	27·6	+0·1	30·3	88	+2	7
Palghat	319	999·9	..	996·3	89·2	..	103	III	73·7	..	60	I	76·9	85·0	72·8	74·4	25·7	..	24·1	82	..	6
Cochin	10	1,010·7	—0·3	1,007·6	85·5	0	91	III	74·9	—0·8	67	I	78·3	83·2	74·7	77·1	27·7	+0·4	28·8	84	+2	7
Alleppey	12	1,010·3	..	1,007·4	87·9	..	96	III	75·0	..	66	I	79·7	84·1	76·5	78·2	29·7	..	30·0	86	..	7
Trivandrum	211	1,003·5	—0·3	1,000·6	..	..	..	..	74·1	..	66	I, II	76·7	83·2	73·9	76·0	27·2	0	27·2	87	+2	7
MADRAS, SOUTH EAST.																						
Pamban	37	1,008·9	—0·1	1,005·8	87·9	+0·2	93	V, VI, VII	77·2	—0·5	72	II	82·4	83·0	77·8	78·1	30·3	+0·9	30·4	80	—2	7
Madura	437	995·1	—0·4	991·2	93·6	+1·0	105	V	75·1	+0·9	62	I	79·9	89·3	73·1	74·8	24·7	+0·2	22·8	72	0	5
Negapatam	31	1,009·0	0·3	1,005·7	89·3	—0·7	105	V	77·1	+0·5	65	I	80·1	85·5	74·7	77·1	26·9	—0·4	27·9	78	+1	6
Trichinopoly‡	295	1,000·4	0·2	996·4	93·5	—0·6	107	V	75·5	+0·9	60	I	79·4	90·5	73·0	74·6	24·8	—0·1	21·9	73	+1	4
Coimbatore	1,341	965·0	—0·2	961·5	88·2	+1·1	98	IV	70·4	+0·5	58	I	73·8	83·8	69·7	71·5	22·9	—1·2	20·6	81	—1	5
Salem	913	979·1	—0·5	974·8	92·3	—0·5	105	V	72·6	+1·0	57	I	75·1	88·5	70·7	73·1	23·7	—0·9	20·7	80	+2	4
Cuddalore	39	1,008·8	—0·2	1,005·3	89·8	—0·5	106	V	75·5	+0·5	61	I	78·5	85·7	74·2	77·1	26·9	—0·7	27·7	82	+2	6
Vellore	703	986·0	0	982·0	91·7	0	108	V	73·5	+1·0	53	I	77·1	88·6	72·0	74·1	24·6	+0·2	22·0	78	0	5
Madras	51	1,008·3	—0·1	1,004·8	91·0	—1·2	109	V	75·7	+0·8	60	I	79·6	85·7	74·5	75·9	26·9	+0·6	25·9	79	+3	6

* Data incomplete hence no means.

ıd 17 hrs. I. S. T. (11-30 hrs. G. M. T.) or the year 1946—*contd.*

Cloud amount, (tenths of sky.)			Rainfall, inches.				Number of rainy days, (0·10" or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :—																		STATION.
											8 hrs. I. S. T.									17 hrs. I. S. T.									
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
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	51	52	53
																													BOMBAY, DECCAN
4·4	..	4·0	41·85	+11·35	3·56	VI	61	+14·7	..	..	2	11	88	44	39	8	123	18	32	27	53	59	8	11	20	107	71	9	Jalgaon.
4·2	+0·8	4·8	26·61	+5·03	4·12	IX	39	+5·3	5·3	−0·6	5	15	3	5	5	63	160	44	65	34	57	26	8	16	43	104	47	30	Malegaon.
3·6	+0·3	4·3	31·72	+8·05	4·59	XI	35	−1·5	5·7	−0·4	0	16	1	9	0	74	0	213	52	0	61	0	30	0	105	0	161	74	Ahmednagar.
4·5	+0·7	5·2	30·43	+3·94	2·85	XI	62	+15·3	2·9	−3·4	1	1	6	0	0	22	122	8	205	8	12	46	7	3	6	162	45	76	Poona.
4·6	+0·9	5·8	28·47	+1·27	2·32	VI	57	+15·8	6·9	−0·1	32	38	19	58	5	109	18	40	46	42	45	35	58	12	84	41	30	18	Sholapur.
4·1	−0·5	4·8	30·09	+4·40	3·80	V	47	+0·8	7·8	+1·1	10	15	47	9	5	36	106	50	87	12	24	71	28	10	26	134	38	22	Miraj.
4·1	..	4·7	53·63	..	5·27	VII	80	..	8·8	..	1	36	41	8	8	34	152	3	82	7	52	55	8	4	21	193	14	11	Kolhapur.
4·2	+0·4	5·1	21·50	+1·39	3·08	VII	38	+5·1	5·3	+0·1	29	23	26	24	49	67	95	50	2	15	77	27	29	21	62	14	109	11	Bijapur.
4·2	−0·4	4·0	67·21	+16·28	5·04	VII	111	+30·1	4·6	+0·6	11	41	79	21	14	133	56	10	0	5	46	70	19	10	155	56	4	0	Belgaum.
6·6	+2·5	7·0	26·61	+2·19	2·67	IX	44	−2·3	7·9	+0·9	3	33	61	25	7	98	115	16	7	1	65	70	13	7	80	112	9	8	Gadag.
																													HYDERABAD, NORTH.
3·3	−0·7	4·0	42·03	+13·74	6·20	XI	58	+13·2	7·8	−0·6	13	57	71	14	7	29	120	23	31	35	30	62	17	13	28	127	44	9	Aurangabad.
3·9	..	4·8	23·38	−9·08	2·10	IX	48	+0·8	..	..	23	51	31	22	5	49	121	36	27	25	83	47	14	6	30	102	44	14	Parbhani.
4·3	+0·4	5·6	31·63	−2·11	4·50	IX	55	+1·7	8·9	+1·0	22	19	59	40	32	76	76	37	4	16	67	76	21	18	56	74	32	5	Bidar.
3·6	+0·1	4·3	37·05	−3·25	3·67	VIII	59	+1·2	4·0	+0·6	11	10	15	24	14	103	23	17	148	56	76	28	23	12	49	42	37	42	Nizamabad.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Peddapalli. *
																													HYDERABAD, SOUTH.
..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Gulbarga. *
4·6	+1·3	5·5	29·90	+4·36	2·23	VI	55	+12·1	8·7	+1·7	5	22	31	83	17	86	73	35	13	8	54	57	74	8	47	62	37	18	Raichur.
4·5	+0·1	5·4	21·78	−7·64	1·16	VII	44	−6·3	7·6	+2·0	10	12	38	35	4	8	113	45	100	21	48	91	34	14	16	88	35	18	Hyderabad (Begumpet).
4·3	−0·2	4·7	31·36	−5·62	3·00	VI	50	−3·8	5·9	+1·0	18	9	3	57	93	28	83	40	34	65	53	41	56	42	12	69	49	7	Hanamkonda.
4·5	..	5·0	45·06	..	3·40	XI	59	..	4·5	..	51	3	35	71	32	10	81	12	70	55	9	66	65	27	8	69	37	29	Khammameth.
																													MYSORE.
6·6	+1·5	6·8	24·26	−1·04	1·78	V	48	+2·2	6·2	+0·9	0	3	69	28	4	86	118	12	45	11	21	115	7	5	30	114	36	28	Chitaldrug.
5·1	−0·1	6·1	45·63	+10·63	2·15	IX	94	+26·7	6·0	+1·6	1	33	46	57	0	89	90	31	18	0	52	49	57	1	91	88	24	3	Hassan.
6·8	+1·3	6·7	41·03	+6·95	2·05	VIII	71	+13·8	7·6	+2·0	1	23	89	31	9	38	147	19	8	19	52	96	24	6	25	99	31	13	Bangalore.
7·3	+1·8	7·5	36·38	+5·20	2·38	XI	65	+8·9	6·9	+0·8	17	62	27	8	9	102	91	8	41	24	64	70	12	11	57	107	15	5	Mysore.
																													MALABAR.
6·2	+0·9	6·3	185·16	+55·57	6·58	VII	131	+13·2	5·2	+0·4	17	29	202	35	5	18	23	14	22	20	2	4	5	16	86	79	151	2	Mangalore.
6·8	+1·3	7·1	159·20	+37·74	6·01	VI	145	+29·8	6·7	+1·4	29	122	136	25	6	4	14	26	3	21	10	7	3	10	42	163	109	0	Calicut.
6·1	..	6·6	102·92	..	3·82	VIII	118	..	6·3	..	0	4	92	32	1	34	158	11	33	0	13	71	22	1	45	177	31	5	Palghat.
6·6	+1·4	6·9	136·18	+20·85	6·09	XII	149	+18·9	5·9	+1·3	17	98	141	32	5	3	12	14	43	10	9	3	4	5	42	179	106	7	Cochin.
7·7	..	7·1	149·06	..	6·10	VI	165	..	6·0	..	16	87	118	45	2	4	15	28	50	15	7	5	5	1	30	133	164	5	Alleppey.
5·4	−0·4	6·7	81·91	+15·12	3·95	X	108	+10·8	5·1	+0·7	123	96	35	10	1	0	1	64	35	20	7	3	4	28	74	94	131	4	Trivandrum.
																													MADRAS, SOUTH EAST.
5·1	+1·2	5·0	41·12	+3·98	3·90	XI	49	+1·5	9·0	+0·4	63	45	7	59	106	54	6	25	0	58	43	4	62	114	56	3	25	0	Pamban.
5·8	+0·2	6·8	49·17	+14·80	6·07	IX	55	−4·5	3·9	0	50	22	10	4	0	4	57	69	149	17	62	62	25	17	20	57	22	83	Madura.
6·2	+0·3	5·9	60·06	−4·68	4·76	XI	68	+12·5	7·7	+1·5	5	35	8	13	22	87	99	75	21	14	94	37	69	61	62	18	6	4	Negapatam.
5·8	+1·1	6·5	31·19	−3·13	4·58	XI	52	+5·2	5·7	+1·4	31	76	7	6	15	19	118	62	31	15	103	52	21	22	11	69	56	16	Trichinopoly. ‡
5·7	+1·0	6·0	34·83	+11·60	2·73	XI	66	+21·4	2·3	−1·4	1	5	4	1	25	39	13	0	277	1	8	19	13	63	91	24	1	145	Coimbatore.
5·4	+0·8	6·3	59·83	+21·35	4·22	XI	77	+15·1	5·2	+1·5	11	59	56	2	20	95	53	2	67	8	35	68	36	24	52	60	17	65	Salem.
6·2	+1·2	6·1	76·30	+21·84	4·56	XI	74	+18·5	6·5	+2·1	27	6	6	6	25	114	70	85	26	13	76	56	156	15	14	29	3	3	Cuddalore.
5·7	+1·5	6·5	58·60	+16·30	4·30	XI	78	+21·2	..	..	8	14	3	4	9	39	57	38	193	9	61	80	40	27	41	43	32	22	Vellore.
6·0	+0·9	5·8	82·12	+32·20	7·53	XI	82	+24·6	10·7	−0·1	10	23	17	20	26	102	83	84	0	27	68	37	191	14	10	12	6		Madras

† Total for 364 days.

‡ Trichinopoly pressure and cloud refer to aerodrome site Hb 295 ft, other elements refer to Cantonment site

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

Station.	Height of cistern above mean sea level in feet.	Pressure at Station level in millibars. Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Maximum temperature, °F. Mean.	Departure from normal.	Highest during the year.	Month.	Minimum temperature, °F. Mean.	Departure from normal.	Lowest during the year.	Month.	Dry bulb temperature, °F. Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Wet bulb temperature, °F. Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Vapour pressure, millibars. Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Relative humidity, % Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MADRAS, DECCAN.																						
Cuddapah	428	995·7	0	990·9	94·3	−1·0	110	IV, V	76·3	+1·6	58	I	81·5	90·8	73·8	75·9	25·0	+0·9	23·8	69	0	51
Bellary	1,473	959·8	−0·4	955·8	91·0	−1·9	105	IV	72·1	+1·0	55	I	75·2	88·5	67·8	70·0	19·9	+0·5	16·6	67	+3	39
Kurnool	923	978·4	−0·2	974·1	93·1	−0·6	109	IV	71·8	+0·2	48	I	76·3	90·5	69·2	71·9	21·4	+0·3	18·2	70	+2	40
Rentichintala	348	997·5	..	993·4	94·9	+0·6	113	V	74·4	+0·3	51	I	78·7	92·1	71·7	73·3	23·5	−0·1	19·5	71	+2	41
Anantapur *	1,148	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MADRAS COAST, NORTH.																						
Nellore	66	1,007·4	−0·3	1,003·9	93·7	+0·3	112	V	75·6	+0·1	59	I	80·2	88·8	74·8	77·0	27·0	+0·5	26·2	78	+2	59
Ongole	38	1,008·3	..	1,004·6	92·1	..	112	V	75·7	..	58	I	79·9	87·6	74·9	77·3	27·3	..	27·3	79	..	63
Masulipatam	10	1,009·3	0·3	1,005·8	89·4	−0·7	112	V	75·6	+1·1	59	I	79·4	86·1	75·0	76·8	27·7	−0·4	27·3	81	0	65
Cocanada	26	1,008·7	−0·2	1,005·3	88·1	−1·2	114	V	75·1	+0·2	58	I	80·0	85·4	75·0	77·1	27·6	+0·6	27·9	78	0	68
Vizagapatam	126	1,004·8	−0·3	1,001·8	86·5	−0·4	102	VI	75·5	0	59	I	79·6	83·0	73·8	75·9	26·2	+0·2	27·3	75	+1	71
Calingapatam	19	1,008·4	−0·2	1,005·3	87·1	−1·2	107	V	73·8	−0·1	55	I	76·4	83·0	72·9	76·8	26·5	−0·9	28·6	84	+3	74
HILL STATIONS EXCLUDING KASHMIR AND BALUCHISTAN.																						
Shillong	4,921	849·5	+0·1	846·9	70·3	+0·4	8[illegible]	IX	53·6	+0·1	34	I	63·9	64·0	58·0	60·0	14·6	+0·1	16·5	70	−2	79
Cherrapunji	4,399	868·8	+0·5	866·4	68·9	0	..	.	58·1	+0·5	41	I	64·1	64·1	59·5	60·1	16·2	+0·1	17·5	77	+1	83
Aijal	3,599	892·1	..	890·1	..	..	89	V	..	..	..	..	67·4	69·3	63·7	65·5	19·8	..	20·0	82	..	81
Darjiling	7,432	775·9	−0·1	773·5	61·0	+2·4	77	IX	48·6	+0·7	32	I	53·8	54·0	51·2	52·0	12·3	+0·1	12·9	84	+1	88
Kalimpong	5,965	877·7	−1·1	875·2	71·8	+1·7	83	IX	..	..	..	..	63·1	66·3	60·5	63·3	17·6	+0·9	19·1	86	+5	83
Katmandu	4,388	867·4	..	864·7	77·6	−0·1	91	V, IX	54·1	+0·5	30	I	58·6	71·4	..	..	..	..	..	..	..	..
Muktesar	7,592	771·1	−0·7	769·7	64·4	+1·4	79	VI	49·3	−1·0	31	II	53·1	58·9	47·4	52·2	9·8	+0·8	11·5	65	+4	65
Mussooree	6,699	796·1	..	794·8	64·3	+0·8	81	IX	51·3	+0·8	29	XII	57·1	59·2	52·0	55·2	12·1	+1·9	14·0	71	+5	78
Simla	7,224	781·0	−0·2	780·1	63·9	+1·5	82	VI	50·6	+1·2	27	XII	55·6	60·1	47·8	51·9	9·2	+0·7	10·9	57	+4	60
Murree	7,113	783·7	0	783·1	64·2	+0·2	89	VI	48·6	+2·0	25	XII	53·5	60·1	46·2	51·5	9·0	+0·3	10·6	59	0	55
Wana†	4,456	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cherat†	4,272	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Parachinar	5,673	825·6	+0·1	824·2	72·9	+2·6	100	VI	50·3	+2·4	21	I	52·6	68·9	47·4	53·6	9·5	+0·4	9·6	60	+1	39
Drosh‡	4,806	855·2	+1·2	851·6	74·2	+2·0	107	VII	54·6	+2·6	26	I	57·2	71·4	48·0	52·7	8·8	−0·8	7·1	52	−11	30
Abu	3,940	879·3	−0·1	877·7	77·2	+1·4	97	VI	62·1	+0·2	42	XII	65·4	74·5	56·6	61·9	12·8	+0·6	14·2	59	+1	47
Pachmarhi	3,528	892·8	−0·3	890·7	80·3	+0·3	100	V	61·8	+1·0	31	I	67·1	77·4	60·4	64·5	15·8	+0·5	15·7	70	+7	53
Mahabaleshwar	4,534	862·1	−0·4	860·6	75·1	+0·6	92	III, IV	61·3	+0·3	50	XI	63·3	70·7	57·8	63·3	14·3	+0·5	17·3	72	+2	69
Mercara	3,781	885·8	−0·1	883·9	75·0	−1·1	88	III	61·8	+0·5	49	I	64·9	72·0	63·1	67·5	19·1	+0·8	21·3	90	+3	80
Ootacamund	7,364	780·3	0·1	778·7	66·6	+0·6	77	III	48·3	−0·7	30	I	52·8	60·9	50·3	56·1	11·6	+0·5	13·6	84	+10	76
Coonoor	5,730	826·9	.	..	..	..	..	..	55·1	+0·5	35	I	61·9	..	56·7	..	14·0	+0·6	..	74	+5	..
Kodaikanal	7,688	771·3	−0·5	769·7	63·9	+0·1	73	IV	51·3	+0·6	40	I	55·2	58·2	50·9	54·8	11·3	+0·5	13·4	76	+6	82
CEYLON.																						
Colombo	24	1,010·1	+0·2			..	..	..	75·3	+0·2	65	I	78·1	..	74·9	..	28·0	−0·2	..	86	−2	..
Trincomalee	24	1,009·2	+0·3	1,006·2	88·1	−0·7	98	V	76·6	+0·3	69	I	79·1	84·3	74·6	76·5	27·0	−0·7	27·5	80	−4	69
Hambantota	61	1,007·4	−1·0	1,004·6	87·0	+0·7	99	VI	75·1	+0·2	66	I, III	77·3	83·0	74·6	77·2	28·0	+0·5	29·1	88	0	76
Nuwara Eliya†	6,170	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
AFGHANISTAN.																						
Jalalabad	1,950	941·0	..	937·8	85·2	..	116	VI	59·7	..	29	XII	..	..	..	..	..	..	..	..		..
Kabul	5,955	820·1	..	817·8	71·2	+3·5	102	VI	43·2	+1·8	6	XII	49·0	67·5	40·2	50·1	6·1	−0·2	6·9	51	—	34
Kandahar	3,462	899·1	..	896·8	82·7	..	109	VIII	46·6	..	16	XI, XII	50·7	80·1	45·0	59·0	8·7	..	9·4	66	..	31

* Converted to II class on 16-7-46 hence no means.

† Data incomplete hence no means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1946—*contd.*

Cloud amount, (tenths of sky.)			Rainfall, inches.				Number of rainy days, (0·10" or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :—																	
											8 hrs. I. S. T.									17 hrs. I. S. T.								
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	STATION.
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	51	52	53
																													MADRAS, DECCAN.
4·9	+0·4	5·6	35·81	+5·55	3·37	XI	47	+1·2	5·7	—0·4	1	0	28	20	3	0	101	7	205	7	8	135	20	3	1	119	20	52	Cuddapah.
5·7	+1·3	5·8	18·82	—1·22	1·78	X	39	+5·5	5·6	+0·8	12	4	14	17	15	8	116	41	137§	15	11	91	45	9	26	101	22	44§	Bellary.
5·0	+0·8	5·7	23·45	—1·34	2·21	IX	43	—2·1	7·5	+2·0	3	15	39	28	18	62	91	27	82	15	47	81	43	17	26	63	48	25	Kurnool.
4·1	—1·9	5·3	23·98	—4·10	2·38	XI	49	—0·9	5·7	—0·4	5	9	23	33	33	41	96	8	117	17	50	71	55	24	19	85	34	10	Rentichintala.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Anantapur.*
																													MADRAS COAST, NORTH.
6·1	+0·7	6·1	71·37	+32·46	9·47	XI	57	+12·3	5·0	+0·7	26	8	8	32	45	36	58	57	95	10	41	95	76	26	26	41	24	26	Nellore.
4·3	..	4·3	53·46	..	10·17	XI	50	..	..	..	80	21	8	26	38	37	89	20	46	11	14	159	55	14	16	76	8	12	Ongole.
5·0	+0·3	4·8	42·00	+0·57	5·62	XI	54	—1·4	7·0	+1·9	44	59	14	27	41	59	52	37	32	7	12	67	105	83	14	41	36	0	Masulipatam.
4·6	—0·6	4·1	31·60	—9·42	3·78	XI	52	—3·8	8·2	+2·8	13	82	2	15	1	170	11	32	38§	1	34	24	139	13	138	3	9	4	Cocanada.
5·0	—0·4	5·5	24·79	—13·10	2·36	VII	50	—1·8	4·7	+0·5	16	34	6	4	9	65	94	16	121	2	30	69	33	106	74	31	4	16	Vizagapatam.
6·2	+2·0	6·5	34·51	—5·84	4·32	X	49	—2·1	8·6	+2·3	38	7	7	4	5	73	128	103	0	2	25	65	44	94	122	8	5	0	Calingapatam.
																													HILL STATIONS EXCLUDING KASHMIR AND BALUCHISTAN.
5·5	+0·7	7·9	131·26	+46·62	11·66	X	147	+25·1	..	..	13	19	30	32	16	58	9	8	180	38	9	7	13	18	54	9	9	208	Shillong.
5·9	+0·2	6·4	456·15	+30·92	25·44	VII	156‖	..	..	..	5	85	95	31	22	65	23	4	19‖	25	30	28	19	58	114	36	5	32††	Cherrapunji.
3·1	..	4·2	112·52	..	5·85	VII	135†	..	..	..	2	33	163	55	19	66	9	12	1†	7	11	24	24	55	124	50	69	1	Aijal.
6·7	+0·6	7·6	124·92	—1·50	..	..	146**	..	..	..	5	16	166	35	7	19	28	4	88**	2	7	41	37	16	27	132	14	75‡	Darjiling.
5·1	+0·3	5·5	86·73	+0·53	4·00	IX	103	—0·9	5·8	—0·7	35	10	17	42	12	9	31	186	23	9	3	15	253	33	6	7	37	2	Kalimpong.
6·3	+0·1	5·1	58·36	+2·57	2·28	IX	106	+7·5	0·9	—0·2	4	1	4	0	3	0	0	0	353	50	2	14	0	4	0	12	30	253	Katmandu.
4·1	0	4·8	43·01	—10·54	3·15	VII	78	—3·5	7·3	+1·7	2	54	55	13	16	38	95	46	46	0	13	22	11	8	104	163	26	18	Muktesar.
4·9	+0·4	6·0	101·29	+13·69	5·91	VII	104	+6·2	2·8	—1·8	46	57	8	38	82	28	6	7	93	14	27	7	49	93	71	15	8	80§	Mussooree.
3·8	—0·4	5·1	59·68	—3·36	3·41	VII	98	+9·6	2·1	—1·1	63	66	11	48	54	15	4	13	91	47	33	3	30	86	63	14	37	51§	Simla.
4·2	+0·5	5·3	54·11	—5·25	4·85	VIII	93	+13·6	7·4	+2·5	8	43	76	63	9	7	50	75	34	1	15	58	55	18	18	109	75	16	Murree.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Wana.†
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Cherat.†
2·5	—0·4	4·6	29·08	—0·17	1·30	II	59	—5·3	4·0	+1·5	122	27	29	6	7	2	33	13	126	20	7	71	165	38	13	16	12	23	Parachinar.
3·6	+0·6	4·7	21·53	+3·49	3·19	I	39	—2·9	4·7	+1·4	1	18	50	63	26	42	9	2	154	4	23	36	41	14	115	89	9	34	Drosh.‡
3·5	0	3·9	71·00	+9·44	12·35	VIII	51	—2·5	5·1	—0·3	21	13	5	1	31	96	46	24	128	46	26	3	4	72	116	55	26	17	Abu.
4·9	+0·8	5·4	86·53	+6·92	5·28	VIII	80	+1·1	3·0	—1·1	11	20	12	18	9	28	78	72	117	50	39	4	6	17	8	132	88	21	Pachmarhi.
4·6	0	5·6	309·65	+48·42	10·77	VII	138	+17·8	7·2	—0·9	3	106	21	65	0	117	1	51	1	4	44	10	19	1	153	1	118	15	Mahabeleshwar.
5·5	—0·8	5·6	138·37	+10·94	4·70	VIII	134	+2·2	7·1	+2·6	0	41	63	17	0	13	85	75	71	0	39	59	18	0	19	116	97	17	Mercara.
5·6	+0·3	6·9	66·43	+11·54	3·75	XI	115	+8·8	2·8	—0·8	1	18	31	4	9	24	51	10	217	15	44	40	5	15	27	62	15	142	Ootacamund.
7·0	+1·5	..	70·97	+11·46	3·55	X	113	+27·7	4·5	+1·0	17	11	21	36	17	4	34	36	189	..	..	..	..	..	..	..	..	..	Coonoor.
5·7	+0·9	7·9	81·63	+15·15	3·70	XI	128	+20·9	7·3	—0·8	29	71	29	41	10	7	67	46	65	34	47	19	50	18	5	62	42	88	Kodaikanal.
																													CEYLON.
6·8	+0·4	..	94·57	+6·04	5·79	IV	121	+5·7	..	..	12	46	68	57	17	55	67	7	35§	..	..	..	..		.	..	..	..	Colombo.
5·8	+1·0	6·7	91·58	+29·66	6·69	XII	94	+21·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		Trincomalee.
5·5	+0·9	6·0	36·00	—6·21	3·55	X	58	—13·7	..	..	73	38	2	0	1	31	178	17	25	6	25	59	15	18	84	156	5	2	Hambantota.
..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..		..	.	Nuwara Eliya.†
																													AFGHANISTAN.
3·2	..	3·9	4·63	..	0·65	II	15	..	3·6	..	7	17	8	21	3	70	117	29	93	1	82	31	90	17	53	20	11	60	Jalalabad.
3·1	+0·5	4·0	8·22	—4·24	0·82	I	21	—6·7	3·7	+1·2	15	14	3	7	53	78	81	62	52	69	101	40	30	23	21	20	27	34	Kabul.
2·0	..	2·3	7·43	..	1·30	I	15	..	2·1	..	0	39	18	9	0	7	2	8	282	2	25	3	22	25	87	36	71	94	Kandahar.

§ Total for 364 days. † Total for 360 days. ** Total for 363 days.

Table II-A.—Abstract of Observations recorded at 8 hrs. I. S. T. (2- 30 hrs. G. M. T.)

STATION AND MONTH.	Height of bar. cistern above mean sea level in feet.	Pressure at Station level in millibars.			Maximum temperature °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SEYCHELLES (*Indian Ocean.*) (10 and 16 hrs. L.M.T.)	15																					
January	..	1,012·5	+0·3	1,009·8	82·9	—0·2	84	5 days	74·3	—1·7	71	16	81·0	81·6	74·8	74·3	26·6	—2·1	26·4	74	—6	72
February	..	1,011·9	—0·2	1,008·7	84·0	+0·1	85	10 dyas	75·2	—1·5	71	8	82·1	82·6	76·0	76·1	27·9	—0·8	27·8	74	—4	73
March	..	1,011·5	—0·2	1,008·4	85·5	+0·5	88	27, 31	75·2	—2·0	72	18, 21	83·3	84·0	76·4	76·7	27·9	—1·2	28·1	72	—4	70
April	..	1,011·6	+0·2	1,008·4	88·0	+2·0	91	26, 27	75·4	—2·1	73	14, 20	85·8	85·4	77·4	77·5	28·3	—1·3	28·6	67	—9	69
May	..	1,011·6	—0·2	1,008·8	87·6	+2·5	91	10	76·0	—1·5	70	5	85·5	84·9	78·3	77·9	29·8	+0·8	29·5	71	—5	72
June	..	1,011·8	—0·8	1,009·4	84·9	+2·3	87	4, 9	75·9	—0·5	72	16, 19, 29	83·0	83·0	75·9	76·0	27·3	+0·4	27·5	71	—5	71
July	..	1,012·9	—0·5	1,010·3	82·9	+1·8	85	5, 10, 19	73·7	—1·5	69	27	80·8	81·0	74·8	75·2	26·7	+1·2	27·2	75	—1	75
August	..	1,012·9	—0·6	1,010·4	81·2	+0·3	83	27	73·8	—1·4	72	4 days	79·7	79·8	73·6	73·8	25·6	+0·1	25·8	74	—1	74
September	..	1,013·4	—0·3	1,010·7	81·8	—0·1	84	9, 13	73·5	—2·3	71	26, 27	79·9	79·5	73·9	73·7	25·9	—0·6	25·8	74	—2	76
October	..	1,012·5	—0·8	1,009·5	82·7	—0·2	85	13	72·6	—3·0	68	10	80·9	81·0	75·0	75·0	27·0	—0·3	26·9	75	—1	75
November	..	1,011·5	—1·0	1,008·5	82·9	—0·8	85	8, 20, 21	72·6	—2·6	68	3	80·8	81·1	75·1	75·3	27·2	—0·8	27·4	77	0	76
December	..	1,011·5	—0·6	1,008·4	83·7	+0·3	87	4, 8	73·0	—2·4	70	2, 3	81·5	81·6	75·0	75·1	26·7	—1·6	26·8	73	—6	73
Year	..	1,012·1	—0·4	1,009·3	84·0	+0·7	91	IV, V	74·3	—1·8	68	X, XI	82·0	82·1	75·5	75·6	27·2	—0·6	27·3	73	—4	73
MINICOY. (*Arabian Sea.*)	6																					
January	..	1,012·7	+0·2	1,009·9	84·3	—0·8	87	22	69·2	—3·8	64	7	73·8	81·7	70·8	73·5	24·4	—4·9	24·5	86	+9	66
February	..	1,011·9	—0·6	1,009·2	85·5	+0·1	87	4 days	71·1	—3·6	63	1	75·4	83·2	72·6	75·5	26·3	—3·5	26·8	84	+7	68
March	..	1,010·9	—0·7	1,008·0	86·4	+0·1	89	30, 31	76·3	—0·6	67	1	80·4	84·4	75·8	77·3	28·4	—2·8	28·8	80	+5	71
April	..	1,010·3	+0·1	1,007·7	88·4	+0·9	90	26, 27, 30	77·9	—1·7	73	4 days	83·6	86·6	78·0	78·9	30·2	—2·3	30·3	77	+2	70
May	..	1,009·6	0	1,007·3	88·5	+0·2	90	1, 22	79·3	+0·1	75	13, 14, 31	83·8	85·7	78·3	78·6	30·6	—3·0	30·2	77	—2	72
June	..	1,008·2	—1·0	1,006·5	86·2	+0·2	89	4, 5	77·0	+0·3	73	19	81·9	83·3	77·8	78·0	31·8	—1·5	30·3	82	—2	77
July	..	1,009·6	—0·1	1,007·8	85·5	+0·5	87	8	78·3	+1·4	74	1	81·7	83·7	77·0	77·8	29·6	—1·5	29·9	80	—2	76
August	..	1,009·2	—1·3	1,007·3	85·6	+0·9	87	8 days	77·0	—0·1	73	4 days	80·9	82·4	76·7	77·2	29·4	—2·0	29·5	82	0	79
September	..	1,010·9	0	1,008·3	84·9	—0·1	86	11 days	75·9	—1·2	71	16	80·2	82·3	75·6	76·3	28·2	—3·6	28·2	80	—2	75
October	..	1,010·0	—1·2	1,007·5	85·9	+0·6	90	9	76·2	+0·3	73	21, 22	80·1	82·7	76·8	77·0	29·2	—1·9	29·1	84	+4	76
November	..	1,010·1	—1·3	1·007·5	86·1	+1·0	89	1, 2	74·6	+0·3	70	20	79·7	82·6	76·4	76·6	29·6	—1·8	28·6	86	+5	75
December	..	1,010·0	—2·0	1,007·5	85·2	—0·2	88	1	73·4	—0·6	66	14	78·0	81·3	74·5	75·3	27·6	—2·2	27·2	84	+7	75
Year	..	1,010·3	—0·6	1,007·9	86·0	+0·2	90	IV, V, IX	75·5	—0·8	63	II	80·0	83·3	75·8	76·8	28·8	—2·5	28·6	82	+3	73
AMINI-DIVI. (*Arabian Sea.*)	18																					
January	..	1,012·9	..	..	88·1	+1·1	91	15, 27, 30	72·7	—1·6	69	4 days	78·5	..	73·0	..	26·0	+0·1	..	76	0	..
February	..	1,012·1	..	..	89·4	+1·4	92	8, 27	76·0	—0·1	71	1, 3	80·8	..	75·1	..	27·1	+0·8	..	76	0	..
March	..	1,010·9	..	..	90·4	+0·6	95	10	78·4	+0·7	73	1	82·3	..	76·3	..	28·2	+0·2	..	75	—1	..
April	..	1,010·3	..	..	91·0	—0·5	96	25	80·5	+0·4	74	2	84·7	..	78·0	..	29·6	0	..	72	—2	..
May	..	1,009·3	..	..	90·8	—0·4	96	1	81·3	+0·2	76	22	84·9	..	78·5	..	30·2	—0·4	..	74	—2	..
June	..	1,006·6	..	..	85·5	—1·2	89	7	78·2	+0·1	73	18, 19	82·6	..	79·2	..	32·3	+1·1	..	85	0	..
July	..	1,008·7	..	..	85·2	—0·2	87	30,31	79·2	+1·7	75	1, 16	82·6	..	78·7	..	31·5	+0·9	..	83	—3	..
August	..	1,008·1	..	..	84·4	—0·9	86	10 days	78·3	+0·8	73	11	81·2	..	77·8	..	30·8	+0·6	..	86	0	..
September	..	1,010·2	..	..	85·8	+0·1	92	22	77·8	+0·4	74	1, 15	81·1	..	76·3	..	27·8	—1·6	..	79	—5	..
October	..	1,009·7	..	..	87·4	+1·1	92	12, 16	77·6	+0·6	73	14	81·5	..	77·3	..	30·0	+0·9	..	82	0	..
November	..	1,009·5	..	..	87·3	+0·4	92	16	77·0	+1·3	75	5 days	81·2	..	77·3	..	30·1	+2·2	..	83	+5	..
December	..	1,009·8	..	..	87·4	+0·3	90	2, 16, 22	76·4	+2·2	70	13	80·5	..	75·6	..	27·9	+1·9	..	79	+7	..
Year	..	1,009·8	..	..	87·7	+0·1	96	IV, V	77·8	+0·6	69	I	81·8	..	76·9	..	29·3	+0·6	..	79	0	..

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1946—*contd.*

Cloud amount, (tenths of sky.)			Rainfall, inches.				Number of rainy days, (0·10″ or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds from :—																		STATION. AND MONTH.
											8 hrs. I. S. T.									17 hrs. I. S. T.									
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
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	51	52	53
																													SEYCHELLES. (*Indian Ocean.*) (10 and 16 hrs. L.M.T.).
7·1	+0·4	6·9	5·52	—10·48	1·55	9	8	—7·1	5·4	..	7	4	0	0	0	0	5	14	1	5	5	0	0	0	0	5	16	0	January.
7·5	+1·1	7·4	6·75	—4·96	1·24	4	11	+0·9	5·2	..	6	4	2	0	0	1	3	12	0	6	3	0	0	0	0	7	12	0	February.
6·0	+0·4	6·5	6·84	—3·00	3·32	15	5	—6·1	4·4	..	3	14	1	1	1	0	2	7	2	5	8	1	2	1	0	2	11	1	March.
5·0	—0·3	5·1	2·29	—5·43	0·60	4	8	—2·3	3·3	..	3	8	7	2	1	0	2	3	4	0	0	4	3	2	1	2	14	4	April.
6·1	+0·9	5·9	10·43	+3·95	3·84	5	11	+1·5	5·5	..	1	1	12	14	1	1	1	0	0	0	0	10	11	3	5	1	0	1	May.
7·1	+1·2	7·8	3·79	—0·71	1·96	13	7	—1·4	8·6	..	1	0	6	13	8	1	0	0	1	0	1	6	12	10	1	0	0	0	June.
7·5	+1·6	7·9	3·55	+0·47	1·04	13	8	+0·5	8·2	..	0	0	12	16	2	1	0	0	0	0	0	12	14	1	1	2	0	1	July.
7·6	+1·5	7·9	3·16	+0·95	0·88	1	6	+0·1	12·7	..	0	0	8	19	3	1	0	0	0	0	0	8	17	5	1	0	0	0	August.
8·0	+2·1	8·7	8·46	+3·08	1·61	23	15	+7·4	11·8	..	0	0	9	18	2	1	0	0	0	0	0	4	19	5	1	0	0	1	September.
6·6	+1·1	6·1	4·97	—0·78	1·02	21	11	+3·1	5·5	..	1	3	8	11	1	0	0	3	4	1	3	5	8	3	4	1	3	3	October.
6·5	+0·5	6·2	10·94	+1·48	2·86	11	12	+0·1	5·5	..	3	2	4	3	2	0	3	11	2	2	1	1	4	4	1	2	13	2	November.
6·8	+0·5	7·0	10·41	—3·21	2·22	15	13	—2·3	5·3	..	2	2	2	2	1	1	4	14	3	0	2	1	1	1	0	6	15	5	December.
6·8	+0·9	6·9	77·11	—18·64	3·84	V	115	—5·6	6·8	..	27	38	71	99	22	7	20	64	17	19	23	52	91	35	15	28	84	18	Year.
																													MINICOY. (*Arabian Sea.*)
3·8	+0·2	3·9	0·62	—1·21	0·54	23	1	—1·6	4·0	—0·3	7	11	4	1	0	0	1	0	7	13	12	4	1	0	0	0	1	0	January.
2·5	—1·0	2·6	0·84	+0·13	0·78	8	1	—0·2	3·6	—1·0	11	8	1	0	0	0	0	0	8	15	8	1	2	0	0	0	2	0	February.
5·3	+1·8	4·7	0·37	—0·51	0·14	28	2	+0·5	5·6	+1·2	13	2	2	1	2	0	1	9	1	17	3	1	1	0	1	0	8	0	March.
3·7	—0·6	3·8	1·26	—1·04	1·21	20	1	—2·5	4·3	—1·5	5	3	0	0	0	0	4	14	4	6	1	1	0	1	1	2	18	0	April.
6·0	+0·6	6·6	3·71	—3·29	1·12	31	11	+2·8	6·2	—1·3	2	0	0	0	1	5	5	15	3	2	0	0	0	0	4	6	19	0	May.
8·7	+1·7	8·7	12·40	+0·80	1·59	26	15	—2·0	11·3	—0·5	0	0	0	0	0	2	22	5	0	0	0	0	0	0	1	23	6	0	June.
8·3	+1·7	8·2	2·81	—6·05	0·57	10	9	—4·7	9·9	—1·8	0	0	0	0	0	0	19	12	0	0	0	0	0	0	0	21	10	0	July.
9·0	+3·1	9·0	10·38	+2·57	2·74	31	16	+4·2	9·3	+1·8	0	0	0	0	0	1	19	11	0	0	0	0	0	0	1	19	11	0	August.
6·8	+1·6	6·8	13·71	+7·41	3·92	5	10	—0·1	7·2	—1·6	5	0	0	0	0	0	8	15	2	4	0	0	0	0	0	6	20	0	September.
7·2	+1·9	7·6	6·18	—1·10	1·06	27	13	+2·4	5·3	—1·3	1	1	2	2	1	2	8	6	8	1	1	2	2	1	2	8	11	3	October.
6·4	+1·4	6·6	3·83	—1·65	0·90	4	12	+4·3	4·6	—0·4	2	1	0	2	1	3	9	1	11	3	2	0	2	2	2	11	4	4	November.
6·3	+2·2	6·5	6·00	+2·63	1·42	17	11	+6·7	4·5	+0·2	3	6	2	1	0	0	4	4	11	4	3	4	1	3	2	3	8	3	December.
6·2	+1·3	6·2	62·11	—1·31	3·92	IX	102	+9·3	6·3	—0·8	49	32	11	7	5	14	100	92	55	65	30	13	9	7	14	99	118	10	Year.
																													AMINI-DIVI. (*Arabian Sea.*)
2·5	—1·1	..	0·18	—0·48	0·18	22	1	—0·1	3·4	—0·4	10	8	1	0	0	0	0	6	6	..	..	..	..	..	..	..	..	..	January.
3·1	—0·3	..	0	—0·07	0	..	0	—0·3	3·8	—1·1	16	1	0	0	0	0	0	6	5	..	..	..	..	..	..	..	..	..	February.
4·2	+1·1	..	0·55	+0·39	0·45	30	1	+0·8	6·0	+0·9	8	2	2	0	0	0	2	11	6	..	..	..	..	..	..	..	..	..	March.
4·2	—0·1	..	3·40	+2·25	2·70	19	3	+1·4	5·9	+0·2	8	0	1	0	0	0	2	19	0	..	..	..	..	..	..	..	..	..	April.
6·2	+0·4	..	5·31	+0·86	2·60	22	7	+2·2	7·4	—0·2	1	1	1	0	1	2	7	15	8	..	..	..	..	..	..	..	..	..	May.
9·4	+1·5	..	22·17	+7·66	3·80	1	20	+3·2	13·3	+1·0	0	0	0	0	2	11	16	1	0	..	..	..	..	..	..	..	..	..	June.
7·5	+0·2	..	6·81	—5·00	3·00	1	11	—4·7	14·8	—0·9	0	0	0	0	0	7	24	0	0	..	..	..	..	..	..	..	..	..	July.
7·3	+0·2	..	9·70	+1·94	3·53	11	14	+2·7	14·6	+1·5	0	0	0	0	0	8	21	2	0	..	..	..	..	..	..	..	..	..	August.
6·8	+0·5	..	5·05	—0·91	1·56	1	9	—1·1	11·0	+0·7	3	1	0	0	0	1	10	14	1	..	..	..	..	..	..	..	..	..	September.
7·7	+1·6	..	6·02	+0·28	1·80	27	10	+1·4	4·7	—1·5	2	2	3	1	0	0	7	9	7	..	..	..	..	..	..	..	..	..	October.
7·3	+2·4	..	1·78	—1·24	0·73	11	4	—0·9	3·0	—0·6	2	4	2	0	0	5	1	6	10	..	..	..	..	..	..	..	..	..	November.
5·6	+1·9	..	4·01	+2·52	2·50	2	5	+3·0	4·9	+1·7	4	11	1	1	0	0	2	7	5	..	..	..	..	..	..	..	..	..	December.
6·0	+0·7	..	64·98	+8·20	3·80	VI	85	+7·6	7·7	+0·2	54	30	11	2	3	34	92	96	43	..	..	..	..	..	..	..	..	..	Year.

Table—II-A.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION AND MONTH.	Height of barometer cistern above mean sea level in feet.	Pressure at Station level in millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CHAKADARA. (*N.-W.F.P.*)	2,225																					
January	..	940·4	..	938·6	58·5	..	70	23	36·8	..	28	5	39·9	56·4	37·9	48·4	7·0	..	8·4	83	..	56
February	..	938·5	..	936·6	64·6	..	75	9	44·1	..	39	25	47·3	62·8	44·4	53·2	8·8	..	10·0	81	..	55
March	..	936·3	..	933·3	69·6	..	87	31	46·1	..	39	5	50·8	69·2	46·5	55·7	9·1	..	9·7	73	..	41
April	..	933·1	..	930·4	91·1	..	98	17, 18, 19	59·4	..	49	7	66·9	89·7	58·1	67·0	12·9	..	13·5	54	..	28
May	..	928·1	..	924·6	99·7	..	107	11, 15, 16	68·6	..	60	4	78·0	97·0	62·3	68·7	12·8	..	12·5	40	..	21
June	..	924·3	..	920·3	101·7	..	112	26	75·1	..	64	5	82·4	98·4	67·9	72·2	17·4	..	16·3	44	..	28
July	..	923·8	..	919·7	97·5	..	106	8, 9	76·3	..	70	21, 22	81·5	94·8	73·4	77·8	24·9	..	25·6	67	..	45
August	..	924·8	..	921·9	93·2	..	101	2	74·7	..	69	7	78·9	91·8	73·3	79·7	25·8	..	29·7	78	..	58
September	..	930·9	..	928·1	92·9	..	96	4 days	67·2	..	62	7	72·4	90·5	64·3	72·8	17·3	..	20·3	64	..	43
October	..	935·8	..	932·4	84·3	..	94	1	60·2	..	52	5 days	64·5	79·4	58·7	63·6	14·8	..	13·7	69	..	40
November	..	939·3	..	935·7	72·5	..	82	15	44·2	..	39	6 days	46·8	68·5	38·6	53·7	4·8	..	8·1	61	..	37
December*	..	939·3	..	937·3	59·7	..	68	3	34·9	..	32	25	38·1	55·9	35·4	46·8	5·8	..	7·3	74	..	50
Year	..	932·9	..	929·9	82·1	..	112	VI	57·3	..	28	I	62·3	79·5	55·1	63·3	13·5	..	14·6	66	..	42
HINDUBAGH. (*Baluchistan.*)	5,950																					
January	..	823·3	..	821·4	52·9	..	67	6	28·1	..	15	31	30·9	49·1	28·4	40·3	4·4	..	5·2	76	..	46
February	..	822·5	..	819·6	59·7	..	68	20, 21	33·2	..	19	1	37·2	56·8	33·2	44·5	5·0	..	5·4	68	..	39
March	..	821·5	..	819·4	63·5	..	81	31	40·2	..	32	11	44·4	62·4	40·2	53·4	7·1	..	10·7	73	..	57
April	..	821·9	..	819·6	84·7	..	94	19	54·2	..	46	8	60·8	81·0	52·8	66·6	10·8	..	17·0	60	..	49
May	..	818·6	..	816·2	91·8	..	97	30, 31	62·9	..	55	2, 7	73·0	89·7	62·8	77·0	16·1	..	27·4	58	..	58
June	..	815·4	..	812·7	97·2	..	105	27	69·0	..	59	8	79·5	91·4	70·6	73·4	22·3	..	21·6	68	..	45
July	..	814·0	..	810·9	98·4	..	104	9	69·9	..	65	15	75·5	95·6	..	..	..	..	..	..	..	..
August	..	814·7	..	811·8	94·8	..	103	2	68·7	..	63	28	74·5	91·8	63·8	71·6	16·5	..	19·5	57	..	40
September	..	819·8	..	817·1	88·5	..	94	1	57·4	..	51	8	64·9	85·5	..	..	..	..	..	..	..	..
October	..	822·8	..	820·6	83·4	..	91	5, 6, 7	49·8	..	40	27	56·6	78·6	..	..	..	..	..	..	..	..
November	..	823·7	..	821·4	66·9	..	77	23	34·4	..	21	30	38·7	61·4	33·9	50·3	4·8	..	8·6	64	..	49
December	..	821·6	..	819·7	53·5	..	64	3	23·5	..	17	24, 25	28·5	49·3	(c) 25·9	39·5	(c) 3·4	..	4·6	(c) 68	..	41
Year	..	820·0	.	817·5	77·9	..	105	VI	49·3	..	15	I	55·4	74·4	..	..	..	..	..	..	..	..
NUSHKI. (*Baluchistan.*)	3,412																					
January	..	908·0	..	905·3	60·7	..	71	9, 11	40·8	..	22	31	44·5	56·3	37·8	44·6	5·1	..	5·5	54	..	39
February	..	905·1	..	901·7	69·4	..	81	19, 20	45·7	..	25	1	52·4	68·1	42·1	49·9	4·9	..	5·1	35	..	23
March	..	902·9	..	900·2	76·6	..	93	29	54·5	..	43	3, 4	58·4	75·4	45·7	53·7	5·6	..	5·5	34	..	21
April	..	900·4	..	897·5	96·1	..	101	18, 25	70·6	..	59	6, 7, 11	76·6	94·3	61·8	69·5	12·7	..	14·3	42	..	28
May	..	896·1	..	893·8	103·5	..	111	28	77·6	..	71	1	83·8	102·3	74·4	90·8	25·1	..	44·7	65	..	66
June	..	891·6	..	889·1	108·2	..	115	28	81·7	..	76	14	88·4	106·0	77·6	91·6	27·6	..	44·5	62	..	60
July	..	890·2	..	887·2	107·5	..	115	9	83·2	..	78	2, 11	88·7	106·0	81·4	93·1	33·3	..	47·5	73	..	64
August	..	891·7	..	888·8	103·0	..	111	1	79·3	..	71	22	83·0	101·4	74·6	84·1	25·7	..	32·5	67	..	50
September	..	898·7	..	895·9	96·2	..	100	4 days	70·3	..	65	8, 13	77·6	94·1	68·1	81·5	19·6	..	31·7	63	..	59
October	..	901·6	..	899·8	91·1	..	97	5, 6, 7	66·9	..	54	28	72·4	89·0	56·1	62·5	8·6	..	8·6	33	..	19
November	..	906·6	..	905·0	69·4	..	84	1, 2	45·2	..	26	29	49·6	66·6	40·9	50·1	5·8	..	6·4	44	..	27
December	..	905·5	..	904·0	58·1	..	71	16	37·8	..	27	1, 24, 25	42·5	56·6	35·5	44·3	3·9	..	4·8	45	..	33
Year	..	899·0	..	897·3	86·7	..	115	VI, VII	62·8	..	22	1	68·1	84·7	58·0	68·0	14·8	..	20·9	51	..	41

* 17 hrs. observations for 30 days. (c) Mean of 28 days.

and 17 hrs I. S. T. (11-30 hrs. G. M. T.) for the year 1946—*contd.*

Cloud amount, (tenths of sky.)			Rainfall, inches.				Number of rainy days, (0·10" or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds from :—																		STATION AND MONTH.
											8 hrs. I. S. T.									17 hrs. I. S. T.									
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
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	51	52	53
																													CHAKADARA. (*N.-W.F.P.*)
6·2	..	6·4	2·36	..	1·02	26	0	..	4·0	..	14	2	3	0	1	2	1	3	5	2	1	2	1	2	8	3	3	9	January.
6·9	..	6·3	4·84	..	1·92	24	6	..	4·9	..	11	3	1	1	3	2	0	4	3	2	0	1	2	7	2	3	4	7	February.
5·6	..	5·8	2·31	..	0·77	17	7	..	5·9	..	8	5	3	0	1	0	1	8	5	0	3	3	1	10	5	3	3	3	March.
2·2	..	4·0	0·26	..	0·21	21	1	..	5·7	..	11	3	3	1	0	1	1	3	7	1	0	1	1	7	9	9	1	1	April.
1·0	..	2·7	1·66	..	1·66	31	1	..	6·3	..	8	6	5	1	1	2	0	2	6	0	0	0	4	9	11	5	1	1	May.
2·3	..	3·1	2·18	..	2·07	30	2	..	6·4	..	4	14	5	0	1	1	1	0	4	0	0	1	2	11	14	1	0	1	June.
5·2	..	3·7	5·24	..	2·25	21	5	..	4·7	..	5	7	2	1	1	2	2	2	9	0	2	4	3	12	5	5	0	0	July.
6·3	..	3·4	6·64	..	2·18	7	6	..	3·7	..	2	5	3	0	3	4	1	2	11	0	0	0	1	9	13	4	2	2	August.
2·1	..	2·3	1·61	..	1·30	2	2	..	4·8	..	5	9	7	1	0	1	0	1	6	1	0	2	0	12	9	4	0	2	September.
2·0	..	2·2	0·63	..	0·39	9	2	..	4·6	..	6	4	8	0	0	1	1	2	9	1	2	1	2	9	10	3	1	1	October.
2·5	..	1·8	0·81	..	0·34	27	3	..	5·2	..	11	1	3	2	0	0	0	9	4	1	1	2	1	10	10	0	1	4	November.
4·7	..	4·7	1·23	..	0·60	28	2	..	4·0	..	13	3	2	0	0	0	0	13	0	2	0	4	0	6	11	2	0	6	December.
3·9	..	3·9	2·48	..	2·25	VII	37	..	5·0	..	98	62	45	7	11	16	8	49	69	10	9	21	18	104	107	42	16	37†	Year.
																													HINDUBAGH. (*Baluchistan.*)
1·9	..	2·4	1·42	..	0·61	12	5	..	6·6	..	0	0	1	0	0	6	19	2	3	0	0	6	2	1	13	6	2	1	January.
2·3	..	3·2	0·82	..	0·45	27	3	..	6·5	..	1	0	0	0	0	2	18	2	5	1	0	7	2	1	9	5	0	3	February.
1·4	..	3·2	0·99	..	0·35	11	4	..	8·2	..	0	0	1	0	0	7	13	2	8	0	0	1	0	0	11	15	3	1	March.
2·0	..	3·7	0	..	0	..	0	..	6·8	..	0	0	0	0	0	4	15	3	8	0	1	1	1	3	8	14	2	0	April.
0·2	..	1·7	0	..	0	..	0	..	8·5	..	0	0	0	0	1	8	12	0	10	2	0	1	1	0	7	15	5	0	May.
1·0	..	2·7	0	..	0	..	0	..	6·5	..	0	0	2	0	1	11	8	1	7	2	0	0	1	2	6	16	2	1	June.
0·7	..	1·7	0	..	0	..	0	..	7·7	..	0	0	1	0	0	11	9	0	10	0	0	4	1	1	7	14	2	2	July.
1·8	..	3·4	0	..	0	..	0	..	6·3	..	0	1	3	0	0	8	10	0	9	0	2	8	0	2	10	6	1	2	August.
0·4	..	1·6	0	..	0	..	0	..	6·2	..	0	0	0	1	0	1	22	4	2	0	2	3	1	1	15	7	1	0	September.
0·5	..	2·3	0·13	..	0·11	15	1	..	5·9	..	0	0	0	0	0	3	19	6	3	1	0	1	1	0	13	13	2	0	October.
1·0	..	1·7	0	..	0	..	0	..	8·5	..	0	0	0	0	0	6	20	3	1	0	1	2	1	0	21	4	1	0	November.
3·5	..	3·6	0·29	..	0·17	21	1	..	6·0	..	0	0	0	0	0	3	17	2	9	0	1	8	1	1	16	2	0	2	December.
1·4	..	2·6	3·65	..	0·61	I	14	..	7·0	..	1	1	8	1	2	70	182	25	75	6	7	42	12	12	136	117	21	12	*Year.*
																													NUSHKI. (*Baluchistan.*)
3·8	..	3·4	1·55	..	0·65	15	5	..	8·5	..	2	3	16	2	1	0	1	5	1	0	0	2	0	0	3	10	14	2	January.
2·9	..	3·7	0·17	..	0·10	11	1	..	9·6	..	2	2	16	2	1	2	0	1	2	1	0	0	1	2	7	9	8	0	February.
2·6	..	2·8	0·51	..	0·28	11	2	..	12·2	..	0	7	15	2	3	0	0	3	1	3	0	0	0	1	6	9	11	1	March.
3·2	..	3·4	0	..	0	..	0	..	10·5	..	0	10	9	7	0	0	0	2	2	0	1	0	1	0	4	10	14	0	April.
0·3	..	0·6	0	..	0	..	0	..	8·1	..	3	7	1	3	2	0	0	2	13	1	1	0	1	0	3	10	15	0	May.
1·6	..	1·2	0	..	0	..	0	..	7·3	..	3	6	2	4	2	0	0	3	10	3	0	0	0	1	2	12	11	1	June.
1·3	..	0·9	0	..	0	..	0	..	7·8	..	1	4	4	4	1	2	1	0	14	2	0	0	0	0	4	11	13	1	July.
1·7	..	1·4	0	..	0	..	0	..	5·8	..	5	3	1	1	1	1	0	3	16	0	1	0	0	0	2	15	13	0	August.
0·5	..	0·3	0	..	0	..	0	..	6·4	..	1	7	8	2	0	0	0	0	12	2	0	0	0	0	1	11	16	0	September.
0·7	..	0·9	0	..	0	..	0	..	8·4	..	1	10	12	2	0	1	0	1	4	2	0	0	0	0	2	19	8	0	October.
1·0	..	0·6	0	..	0	..	0	..	6·4	..	1	8	7	2	0	0	1	0	11	1	0	0	0	0	1	14	14	0	November.
2·6	..	2·6	0·51	..	0·51	23	1	..	6·2	..	0	6	6	2	1	0	0	2	14	2	0	0	0	0	4	12	13	0	December.
1·9	..	1·8	2·74	..	0·65	1	9	..	8·1	..	19	73	97	33	12	6	3	22	100	17	3	2	3	4	39	142	150	5	Year.

† Total for 364 days.

Table II-A.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

Station and month.	Height of barometer cistern above mean sea level in feet.	Pressure at Station level in millibars.			Maximum temperature, °F				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
TURBAT. (*Baluchistan.*)	510																					
January	..	1,002·2	..	999·1	75·9	..	81	3	50·2	..	43	31	53·3	75·1	48·0	58·9	8·7	..	9·9	64	..	32
February	..	998·6	..	995·7	84·5	..	94	21	54·4	..	45	1	57·4	83·4	49·6	62·5	8·3	..	9·5	56	..	27
March	..	995·7	..	992·5	93·5	..	111	29,30, 31	58·2	..	50	4 days	62·6	93·3	53·4	65·6	10·2	..	9·1	56	..	19
April	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
May	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
June	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
July (*e*)	..	988·9	..	980·5	107·0	..	114	1	82·7	..	79	20	84·0	105·5	78·4	83·0	30·8	..	28·3	77	..	37
August	..	984·7	..	981·2	107·1	..	117	20	80·7	..	77	31	82·0	105·9	76·5	79·9	28·7	..	23·0	76	..	30
September	..	990·6	..	986·7	104·2	..	111	15	75·9	..	71	14	78·1	102·6	71·4	76·7	23·5	..	19·5	72	..	27
October (*b*)	..	994·4	..	991·3	(*c*) 102·4	..	111	9	(*c*) 71·5	..	67	30, 31	75·0	99·5	71·0	76·1	24·1	..	20·0	80	..	31
November	..	999·7	..	996·4	89·1	..	98	1	57·5	..	48	29	61·4	87·3	48·3	60·7	6·0	..	6·3	31	..	14
December	..	1,001·0	..	998·0	78·5	..	84	19	50·0	..	42	11	54·4	77·2	43·3	56·2	4·7	..	6·0	30	..	18
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
RETI. (*Sind.*	253																					
January	..	1,009·9	..	1,008·7	75·7	..	81	24, 25	39·7	..	34	27	43·2	73·3	40·6	63·9	7·4	..	15·9	80	..	59
February	..	1,005·8	..	1,003·3	82·2	..	92	21	45·8	..	33	1	50·8	80·3	46·4	65·8	8·7	..	15·1	69	..	42
March	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April	..	997·6	..	994·6	110·0	..	114	25, 26, 27	69·3	..	61	1, 13	79·6	106·1	69·3	80·5	20·3	..	23·9	63	..	30
May	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
June	..	989·2	..	984·4	112·4	..	117	4 days	83·1	..	72	7	91·6	111·2	85·1	96·4	38·3	..	51·9	78	..	66
July	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
August	..	989·6	..	985·7	104·3	..	109	17, 19	81·6	..	72	24	84·9	101·7	81·4	88·0	35·1	..	39·8	87	..	61
September	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
October	..	1,001·0	..	997·9	101·6	..	108	6, 15	67·2	..	58	30	73·1	98·2	67·2	81·0	19·9	..	28·3	71	..	47
November	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
KARACHI* (Marine Air Port) (*Sind.*)	17																					
January	..	1,016·9	0	1,014·8	77·1	..	83	21	54·4	..	47	3, 31	58·4	74·5	53·3	66·4	11·7	..	18·6	70	..	64
February	..	1,014·0	—0·7	1,011·6	81·8	..	86	12, 19, 24	58·0	..	48	1	61·3	76·3	58·1	68·9	15·3	..	20·6	80	..	67
March	..	1,011·5	—0·2	1,009·1	83·2	..	94	26	64·9	..	54	5	68·5	79·8	64·4	70·7	18·9	..	21·6	80	..	63
April	..	1,004·9	..	1,002·9	95·0	..	105	11	74·5	..	70	8	78·5	89·4	74·8	76·3	28·1	..	25·1	85	..	54
May	..	1,001·9	..	1,000·3	92·0	..	99	6, 27	78·5	..	75	4,5	82·0	89·0	77·3	78·7	30·2	..	28·5	81	..	64
June	..	996·5	..	994·6	95·8	..	103	5	83·4	..	78	17	86·6	91·8	80·9	81·6	33·8	..	32·6	78	..	66
July	..	995·7	..	994·4	91·4	..	95	4, 5, 6	81·3	..	77	1, 26	84·0	88·2	80·3	81·0	34·0	..	33·1	86	..	74
August	..	996·6	..	995·0	89·0	..	95	5, 6	78·7	..	75	7	80·9	85·5	78·1	80·0	31·3	..	32·5	88	..	78
September	..	1,003·9	..	1,002·2	89·7	..	99	13	77·4	..	73	5, 24	79·5	85·8	76·1	78·3	29·1	..	29·7	86	..	72
October	..	1,008·1	..	1,005·9	92·5	..	98	18, 29	72·3	..	64	29	75·0	88·8	72·3	76·1	26·1	..	25·3	87	..	57
November	..	1,012·0	..	1,009·2	90·1	..	97	1, 2, 3	56·9	..	44	29	60·5	86·0	51·4	65·7	9·0	..	12·2	54	..	33
December	..	1,014·0	..	1,011·5	78·3	..	83	8	47·7	..	43	2	50·2	76·2	44·6	60·0	7·6	..	10·6	62	..	38
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

*Data from April onwards refer to Karachi Drigh road, Hb. 73 feet.

(*b*) Mean of 29 days. (*c*) Mean of 28 days. (*e*) Mean of 26 days.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1946—*contd.*

Cloud amount, (tenths of sky.)			Rainfall, inches.				Number of rainy days, (0·10″ or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds from :—																		STATION AND MONTH.
											8 hrs. I. S. T.									17 hrs. I. S. T.									
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hrs.	Date.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
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	51	52	53
																													TURBAT. (*Baluchistan.*)
2·4	..	2·9	0	..	0	..	0	..	6·2	..	0	15	13	3	0	0	0	0	0	2	6	0	2	3	3	11	2	2	January.
3·7	..	4·8	0·11	..	0·11	27	1	..	5·3	..	0	13	10	4	0	0	0	0	1	3	3	1	0	1	2	15	2	0	February.
1·3	..	1·3	0·08	..	0·05	1	0	..	6·1	..	3	7	6	6	3	2	0	1	3	0	3	0	3	4	11	4	6	0	March.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	April.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	May.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	June.
5·3	..	1·0	0	..	0	..	0	..	8·4	..	0	0	0	1	4	9	5	0	7	0	0	0	0	6	15	4	1	0	July.
4·2	..	1·9	0	..	0	..	0	..	8·0	..	0	0	0	0	2	7	4	0	18	2	1	0	0	1	20	3	4	0	August.
2·1	..	0	0	..	0	..	0	..	7·1	..	0	2	0	3	1	8	6	1	14	1	2	0	1	1	18	4	3	0	September.
0·1	..	0	0	..	0	..	0	..	5·5	..	0	1	0	2	0	0	1	0	25	0	0	0	0	3	21	3	1	1	October.
0·7	..	0·6	0	..	0	..	0	..	6·0	..	0	18	6	1	0	0	0	0	5	0	13	0	4	1	1	1	7	3	November.
1·4	..	1·4	0	..	0	..	0	..	5·5	..	0	13	5	9	0	0	0	1	3	2	10	0	0	1	5	6	5	2	December.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Year.
																													RETI. (*Sind.*)
1·1	..	0·5	0	..	0	..	0	..	3·1	..	8	8	3	1	0	0	2	8	1	2	13	2	1	0	0	5	8	0	January.
1·2	..	0·4	0	..	0	..	0	..	4·2	..	4	11	5	2	2	1	1	1	1	..	16	1	0	2	2	3	2	0	February.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	March.
0·7	..	1·5	0·67	..	0·67	28	1	..	5·0	..	3	7	4	3	7	3	2	1	0	0	11	0	2	2	6	5	4	0	April.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	May.
0·7	..	0·8	0·11	..	0·11	30	1	..	10·2	..	0	1	0	1	8	17	2	1	0	0	0	1	1	6	18	4	0	0	June.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	July.
(*b*) 2·4	..	(*a*) 3·6	0·52	..	0·40	4	2	..	(*d*) 7·7	..	1	0	2	2	5	14	4	0	1	2	1	2	5	1	9	5	4	1	August.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	September.
0·3	..	0	0	..	0	..	0	..	4·2	..	4	5	0	7	2	1	1	1	10	7	2	0	0	0	0	6	10	6	October.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	November.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	December.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Year.
																													KARACHI. (Marine Air Port.) (*Sind.*)
1·5	..	0·7	0	..	0	..	0	..	5·6	..	6	15	4	0	0	0	1	3	2	2	3	3	1	2	10	7	3	0	January.
3·1	..	2·6	0	..	0	..	0	..	5·5	..	2	6	5	0	0	0	1	4	10	0	0	0	0	2	15	10	1	0	February.
2·8	..	2·0	0	..	0	..	0	..	(*b*) 8·7	..	3	6	2	0	0	3	7	5	5	0	0	1	0	0	14	15	1	0	March.
2·6	..	2·5	0	..	0	..	0	..	..	..	1	1	0	0	0	15	11	2	0	0	0	0	0	2	26	2	0	0	April.
4·8	..	2·2	0	..	0	..	0	..	..	..	0	0	0	0	2	18	10	0	1	0	0	0	0	3	28	0	0	0	May.
5·6	..	4·4	0	..	0	..	0	..	..	..	0	0	0	1	3	17	6	1	2	0	0	0	0	9	21	0	0	0	June.
7·7	..	8·3	1·23	..	0·44	1	3	..	13·0	..	0	0	0	0	0	14	16	1	0	0	0	0	0	0	20	9	1	1	July.
8·6	..	8·2	2·10	..	1·08	7	2	..	10·9	..	0	0	0	0	0	15	13	1	2	0	0	0	1	4	18	8	0	0	August.
6·1	..	4·5	0	..	0	..	0	..	10·7	..	0	0	0	0	0	13	14	0	3	0	0	0	0	0	22	8	0	0	September
2·5	..	0·3	0	..	0	..	0	..	7·7	..	1	0	0	0	0	8	6	0	16	0	0	0	0	0	23	8	0	0	October.
0·9	..	1·0	0	..	0	..	0	..	4·0	..	16	6	0	0	0	0	0	2	6	1	7	1	0	4	14	2	1	0	November.
0·8	..	1·3	0	..	0	..	0	..	4·1	..	22	5	0	0	0	0	0	1	3	6	8	3	2	5	4	2	0	1	December.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Year.

(*a*) Mean of 30 days. (*b*) Mean of 29 days. (*d*) Mean of 27 days.

Table II-A.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION AND MONTH.	Height of barometer cistern above mean sea level in feet.	Pressure at Station level in millibars. Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Maximum temperature, °F. Mean.	Departure from normal.	Highest.	Date.	Minimum temperature, °F. Mean.	Departure from normal.	Lowest.	Date.	Dry bulb temperature, °F. Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Wet bulb temperature °F. Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Vapour pressure, millibars. Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Relative humidity % Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KASHGAR. (*East Turkistan.*)	4,296																					
January	..	865·8	−3·3	..	35·4	+2·4	46	23	16·5	+5·1	10	3	20·8	..	19·8	..	3·1	+0·6	..	87	+10	..
February	..	863·7	−2·5	..	48·1	+4·8	59	25	26·8	+6·4	17	5	30·7	..	28·5	..	4·4	+0·9	..	82	+7	..
March	..	860·4	−4·1	..	55·1	−2·6	74	28	33·5	−1·5	26	10	40·8	..	37·5	..	6·3	+1·0	..	77	+18	..
April	..	860·5	−2·2	..	78·3	+5·9	93	21	52·6	+4·3	39	7	63·0	..	55·3	..	11·8	+3·8	..	62	+9	..
May	..	857·9	−4·4	..	84·3	+1·8	92	7	58·3	+1·0	53	3, 5	71·0	..	57·3	..	10·5	−1·1	..	41	−11	..
June	..	856·0	−3·3	..	86·5	−3·3	92	5 days	62·2	−1·0	53	25	74·5	..	60·8	..	12·7	−2·1	..	43	−11	..
July	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
August	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
November (*d'*)	..	869·3	−1·1	..	45·6	−7·1	67	16	23·7	−4·4	10	30	30·4	..	27·6	..	4·0	−0·6	..	70	−2	..
December	..	864·5	−4·7	..	31·9	−4·7	39	10	11·3	−5·2	7	25	15·4	..	13·5	..	1·9	−1·1	..	68	−16	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
KUWAIT. (*Iraq*)	16																					
January (*a*)	..	1,021·0	..	1,018·8	62·6	..	73	1	47·6	..	38	24, 25	52·3	57·9	48·0	50·4	9·3	..	9·2	70	..	56
February (*e*)	..	1,019·7	..	1,017·7	64·8	..	77	16, 17	50·5	..	44	10	54·7	62·3	50·1	55·3	10·4	..	11·8	71	..	62
March (*d*)	..	1,015·5	..	1,013·8	70·0	..	78	4 days	57·0	..	47	1, 2	62·7	68·6	57·6	62·1	14·0	..	16·1	69	..	65
April (*c*)	..	1,013·3	..	1,011·2	83·4	..	94	30	68·0	..	54	2	72·4	79·4	67·5	71·5	20·6	..	22·7	77	..	66
May	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
June (*b*)	..	1,000·6	..	998·7	96·2	..	113	10	80·4	..	79	6	87·9	97·2	79·8	85·5	31·3	..	36·5	67	..	58
July	..	(*d'*) 996·1	..	(*h'*) 994·8	103·5	..	116	22	(*d*) 86·0	..	82	6, 12	(*d*) 90·7	(*d*) 100·0	(*d*) 75·4	(*d*) 83·8	(*d*) 28·8	..	(*d*) 33·2	(*d*) 45	..	(*a'*) 52
August (*a*)	..	997·6	..	995·3	106·2	..	115	12	88·3	..	86	8, 22, 24	92·7	103·0	79·1	85·6	28·8	..	33·8	52	..	47
September*	..	1,005·0	..	1,002·4	100·3	..	109	11	81·4	..	73	21	88·2	97·2	77·1	85·2	26·7	..	35·6	59	..	60
October	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
November†	..	1,017·6	..	1,015·3	78·4	..	88	1	62·5	..	56	20	67·8	77·6	62·0	70·1	16·2	..	21·7	72	..	69
December (*d*)§	..	1,017·8	..	1,016·6	67·4	..	73	4 days	54·9	..	46	23, 24	59·4	66·1	57·3	61·4	15·2	..	16·7	87	..	75
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
LHASA. (*Tibet.*)	12,090																					
January	..	633·7	..	..	48·2	..	61	31	11·8	..	3	1	21·5	..	20·6	..	3·3	..	..	89	.	..
February	..	632·1	..	..	50·3	..	60	1	21·9	..	15	7	30·9	..	29·9	..	5·3	..	..	90	..	..
March	..	628·5	..	..	54·9	..	65	10	27·9	..	14	27	38·3	..	37·4	..	7·4	..	..	92	..	..
April	..	634·3	..	..	58·7	..	69	23	32·6	..	24	1	45·6	..	39·8	..	6·5	..	..	64	..	..
May	..	631·9	..	..	67·7	..	78	21	41·8	..	30	3	54·1	..	45·3	..	7·5	..	..	53	..	..
June	..	629·9	..	..	75·9	..	84	26	49·1	..	41	1	59·9	..	52·5	..	11·2	..	..	73	..	..
July	..	631·1	..	..	74·2	..	82	4	47·6	..	45	31	56·9	..	52·2	..	11·9	..	..	75	..	..
August	..	631·9	..	..	77·2	..	81	29	48·6	..	44	1	61·9	..	56·8	..	14·2	..	..	75	..	..
September	..	633·3	..	..	72·3	..	76	4 days	44·7	..	37	27, 28	56·9	..	51·8	..	11·6	..	..	73	..	..
October	..	633·4	..	..	60·0	..	69	12	34·5	..	22	31	45·7	..	40·5	..	6·9	..	..	68	..	..
November	..	632·2	..	..	56·1	..	63	5 days.	23·3	..	15	26	35·7	..	32·3	..	5·1	..	..	75	..	..
December	..	630·0	..	..	50·9	..	58	8	14·5	..	6	21	26·9	..	25·2	.	4·0	..	..	80	..	..
Year	..	631·9	..	..	62·2	..	84	VI	33·2	..	3	1	44·5	..	40·4	..	7·9	..	..	76	..	..

(*a'*) Mean of 30 days.
(*b'*) Mean of 29 days.
(*d'*) Mean of 27 days.

(*a*) 17 hrs. data for 30 days.
(*e*) 17 hrs. data for 26 days.
(*d*) 17 hrs. data for 27 days.

* 8 hrs. data for 29 days.
† Data available for 29 days.
§ 8 hrs. data for 30 days.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1946—*contd.*

Cloud amount (tenths of sky.)			Rainfall, inches.				Number of rainy days (0·10" or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds from :—																			
											8 hrs. I. S. T.									17 hrs. I. S. T.										STATION AND MONTH.
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hrs.	Date.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
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	51	52	58	
																														KASHGAR. (*East Turkistan.*)
7·6	+2·7	..	0·12	—0·20	0·08	28	0	—0·7	0·7	+0·2	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..		January.
6·0	+1·4	..	0	—0·14	0	..	0	—0·3	1·1	+0·3	0	0	0	0	0	0	0	0	28	..	..	..	..	..	..	..	..	..		February.
8·2	+3·7	..	0·03	—0·33	0·02	19	0	—0·8	2·4	+0·9	4	0	1	0	0	0	1	1	24	..	..	..	..	..	..	..	..	..		March.
7·0	+2·9	..	0·01	—0·22	0·01	22	0	—0·7	2·7	+0·6	3	2	0	0	0	0	2	2	21	..	..	..	..	..	..	..	..	..		April.
5·9	+2·6	..	0·01	—0·38	0·01	18	0	—0·9	3·6	+1·4	3	1	2	0	0	0	0	2	23	..	..	..	..	..	..	..	..	..		May.
5·6	+3·3	..	0	—0·26	0	..	0	—0·7	4·0	+1·5	2	0	0	0	0	0	1	1	26	..	..	..	..	..	..	..	..	..		June.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		July.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		August.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		September.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		October.
0·8	—1·8	..	0·50	+0·34	0·50	29	1	+0·8	0·6	0	0	2	0	0	1	0	0	2	22	..	..	..	..	..	..	..	..	..		November.
..	..	..	0	—0·19	..	..	0	—0·4	0·2	—0·3	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..		December.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		Year.
																														KUWAIT. (*Iraq.*)
3·9	..	2·5	0·35	..	0·35	9	1	..	..	..	1	0	0	4	1	2	2	15	6	0	1	0	2	0	1	3	14	9		January.
2·7	..	2·0	2·01	..	1·25	1	5	..	..	..	0	3	0	4	1	1	4	11	4	1	1	3	1	1	1	0	10	8		February.
3·3	..	3·7	2·41	..	1·52	8	3	..	6·7	..	3	0	1	4	0	7	4	6	6	0	2	3	6	1	0	0	6	9		March.
3·9	..	3·6	0·92	..	0·50	8	3	..	5·2	..	1	2	2	2	1	2	6	10	4	1	3	2	8	0	0	1	5	8		April.
1·0	..	1·3	0·01	..	0·01	3	0	..	7·0	..	0	2	0	0	3	4	6	12	4	3	4	6	5	0	0	1	8	6		May.
0	..	0	0	..	0	0	0	..	9·6	..	0	0	0	0	0	4	6	20	0	3	1	1	1	0	0	0	21	2		June.
(*a'*) 0	..	(*a'*) 0·1	0	..	0	0	0	..	(*b'*) 8·6	..	0	0	0	0	0	6	7	17	0	0	3	3	2	0	1	1	19	1		July.
0	..	0·1	0	..	0	0	0	..	7·6	..	0	0	0	0	0	1	13	17	0	0	2	0	3	0	0	2	18	5		August.
0·2	..	0·2	0	..	0	0	0	..	5·8	..	0	0	0	0	0	3	14	9	3	0	2	2	5	1	1	1	8	10		September.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		October.
2·0	..	2·3	0	..	0	0	0	..	5·8	..	1	2	1	0	2	7	5	6	5	0	2	3	7	0	1	0	5	11		November.
2·9	..	3·4	1·49	..	1·20	2	3	..	(*b'*) 8·2	..	1	2	3	3	1	3	2	12	3	2	3	2	3	0	0	0	10	7		December.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		Year.
																														LHASA. (*Tibet.*)
0·2	..	..	0	..	0	..	0	..	0	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..		January.
2·5	..	..	1·00	..	1·00	22	1	..	0·5	..	0	0	0	0	0	1	0	0	27	..	..	..	..	..	..	..	..	..		February.
2·0	..	..	0·33	..	0·14	30	2	..	2·2	..	0	0	0	0	0	1	0	0	30	..	..	..	..	..	..	..	..	..		March.
3·2	..	..	0·10	..	0·08	9	0	..	0·2	..	0	0	0	0	0	0	0	0	30	..	..	..	..	..	..	..	..	..		April.
3·8	..	..	0·79	..	0·17	16	4	..	0	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..		May.
4·7	..	..	1·73	..	0·30	17	7	..	0·2	..	0	0	0	0	0	0	0	0	30	..	..	..	..	..	..	..	..	..		June.
6·2	..	..	4·62	..	0·81	23	12	..	0	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..		July.
4·5	..	..	0·79	..	0·26	10	3	..	1·7	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..		August.
4·9	..	..	1·04	..	0·61	20	2	..	4·0	..	0	0	0	0	0	0	0	0	30	..	..	..	..	..	..	..	..	..		September.
4·0	..	..	1·61	..	0·50	21	6	..	2·8	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..		October.
1·8	..	..	0·02	..	0·02	21	0	..	0	..	0	0	0	0	0	0	0	0	30	..	..	..	..	..	..	..	..	..		November.
0·7	..	..	0	..	0	..	0	..	0·3	..	0	1	1	0	0	1	0	0	28	..	..	..	..	..	..	..	..	..		December.
3·2	..	..	12·03	..	1·00	11	37	..	1·0	..	0	1	1	0	0	3	0	0	360	..	..	..	..	..	..	..	..	..		Year.

Table III.—Abstract of Observations recorde

STATION.	Height of bar, cistern above mean sea level in feet.	Pressure at Station level in millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %		
		Mean 4 hrs.	Departure from normal.	Mean 12 hrs.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 4 hrs.	Mean 12 hrs.	Mean hrs.	Mean 12 hrs.	Mean 4 hrs.	Departure from normal.	Mean 12 hrs.	Mean 4 hrs.	Departure from normal.	Mean 12 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	2
IRAN.																						
Charbar	25	1,008·0	..	1,005·6	..	..	..	..	72·1	+0·6	45	I	75·1	82·6	70·8	75·2	24·9	+0·4	27·2	80	+5	6
Jask	13	1,008·5	..	1,006·1	86·2	—0·7	103	VI	74·1	+0·8	54	I	77·5	84·7	72·0	77·2	25·3	+1·0	29·3	76	+5	7
Band ar Abbas*	29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
Bushire*	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
Ispahan	5,817	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
Meshed	3,104	898·0	..	895·7	73·0	+2·8	103	VII	40·4	—2·5	—3	I	56·5	67·0	48·1	55·1	9·3	+0·6	11·3	58	—6	5
Seistan	..	955·4	..	952·1	84·6	+2·2	113	VII	57·3	+1·3	19	XI	66·4	83·3	53·7	61·4	9·8	—1·3	10·8	46	—7	2
ARABIA.																						
Bahrain	28	1,008·8	..	1,007·5	84·4	—0·6	111	VII	72·7	+0·7	50	I	76·4	82·2	70·8	72·9	24·3	—0·2	24·2	76	0	6
Muscat*	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
Sharjah	18	1,008·7	..	1,006·7	89·1	+0·9	113	VII	67·5	—0·4	43	I	74·7	85·4	68·1	75·3	21·7	+0·6	26·6	70	—1	6

*Data incomplete hence no means.

at 4 and 12 hrs. (G. M. T.) for the year 1946.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :—																		STATION.
											4 hrs.									12 hrs.									
Mean 4 hrs.	Departure from normal.	Mean 12 hrs.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
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	51	52	53
																													IRAQ.
3·5	+1·1	2·2	0·05	—3·87	0·05	III	0	—6·4	..	..	29	53	109	34	14	11	23	58	16*	1	2	1	42	119	95	73	11	0†	Charbar.
1·9	—0·2	1·5	2·36	—2·25	0·92	XII	6	—2·4	9·3	—1·0	23	73	157	5	1	9	42	49	6	0	0	18	73	41	144	88	0	1	Jask.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Bandar Abbas.*
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Bushire.* ‡
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Isphan.
3·1	—0·3	3·3	6·29	—3·72	0·73	I	22	—3·9	1·1	—0·3	4	3	9	11	1	3	7	3	324	4	3	46	35	4	7	13	10	243	Meshed.
1·8	0	1·9	1·65	—0·46	0·59	I	5	—2·3	7·2	—0·7	6	6	0	0	0	1	1	199	152	2	6	0	1	0	3	1	139	213	Seistan.
																													ARABIA.
2·0	—0·4	1·7	0·09	—3·61	0·04	III	0	—8·3	5·3	—2·8	38	9	4	14	16	18	69	118	79	133	31	34	19	4	1	5	135	3	Bahrain.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Muscat.*
1·8	—0·4	1·3	0·27	—3·82	0·20	III	1	—5·8	..	..	0	8	46	98	103	46	19	13	32	74	6	4	0	1	20	109	151	0	Sharjah.

* Total for 347 days.

‡ Total for 344 days

Table IV.—Abstract of observations recorded at 8 hrs. (I. S. T.) at 4th Class Stations for the year 1946.

Station.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. I.S.T. °F.	Mean wet bulb temperature 8 hrs. I. S. T. °F.	Vapour pressure, Millibars.		Relative Humidity %.		Mean cloud amount 8 hrs. I. S. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Wind.	
	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.			Mean 8 hrs. I. S. T.	Departure from normal.	Mean 8 hrs. I. S. T.	Departure from normal.		Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	Month.	Total in the year.	Departure from normal.	Resultant direction 8 hrs. I. S. T.	Velocity in miles per hour.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Assam—																							
Lumding . .	86·9	+2·4	97	III, V	65·9	+1·1	40	I	73·8	69·2	23·1	—0·2	78	—8	..	63·92	+12·65	3·75	X	86	+3·9	..	..
Bengal—																							
Pabna . . .	87·2	—1·4	101	III	68·2	+0·6	47	XII	74·5	71·5	26·0	+0·3	85	+5	..	77·38	+18·48	5·93	X	93	+9·2	..	..
Kashmir—																							
Jammu . .	87·5	—2·6	112	VI	68·5	+2·5	42	I, XII	71·7	62·0	16·5	+1·0	59	—2	3·6	36·40	—5·70	2·10	VIII	55	+4·6	..	..
Kargil . .	60·8	+1·1	95	VII, VIII	40·1	—2·5	—3	XII	..	..	..	..	..	..	2·6	10·81	+1·36	1·17	XII	32	+9·3	..	..
Mysore—																							
Balehonnur	80·1	0	94	III	63·7	+0·4	50	I	68·4	65·7	20·5	+0·4	87	—2	..	144·82	+41·42	4·77	VII, VIII	137	+15·5	..	..
Tibet—																							
Yatung (Chumbi)	58·6	+ 2·4	72	VII, VIII, IX	33·0	—2·8	7	I	42·1	41·1	9·4	+0·7	93	+6	5·2	39·62*	..	..	..	98*	..	..	..
Iran—																							
Zahidan . .	79·8	+2·0	108	VII	50·3	+2·3	13	I	67·7	49·1	5·9	—6·4	25	—38	1·5	1·44	—1·11	0·43	I	5	—3·9	..	7·9

*Total for 364 days.

Table V.—Abstract of observations recorded at 8 hrs. (I. S. T.) at 5th Class Stations for the year 1946.

Division.	Station.	Rainfall, inches.				Number of rainy days (0·10" or more).		Division.	Station.	Rainfall, inches.				Number of rainy days (0·10" or more	
		Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	Month.	Total in the year.	Departure from normal.			Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	Month.	Total in the year.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Assam . . .	Mawsynram† .	..	..	..	..	..	..	Kashmir . . .	Sonamarg . .	73·11	+1·85	3·87	III	104	—0·5
Bengal . . .	Bankura . . .	70·24	+14·72	7·24	IX	88	+14·8		Gurez† . . .	..	..	..	..	..	..
	Rajshahi . .	62·40	+6·10	4·80	X	86	+11·1	Baluchistan . .	Harnai . . .	8·92	—4·59	1·43	VIII	21	—3·4
	Sirajganj . .	71·09*	..	..	..	83*	..								
	Rangpur . .	111·38	+27·49	6·63	VII	97	+14·6	Rajputana, East . .	Udaipur . .	44·83	+20·32	3·78	VI	45	+11·4
	Cooch Behar . .	112·41	—32·66	5·93	VII	118	+1·2								
Bihar	Muzaffarpur . .	53·16	+4·72	4·85	VII	62	+5·8	Bombay, Deccan	Khandala† . .	..	..	..	..	..	..
	Chapra . . .	44·02	+1·42	3·73	VIII	51	—1·8								
	Arrah .	58·31	+12·01	5·10	VI	59	+2·7	Madras, Southeast .	Palamcottah . .	35·45	+6·07	3·50	XII	36	—5·0
United Provinces, West	Meerut . . .	33·46	+1·55	4·70	VII	43	+2·9								
Punjab, East and North	Dharampore† .	..	..	..	..	..	..	Madras, Deccan . .	Anantapur . .	28·45	+4·19	3·09	X	32	—2·0
	Kyelang . .	16·90	—5·16	0·86	XI	50	+1·4								
	Dalhousie . .	84·96	+0·23	6·00	VII	79	—16·9	Sikkim . .	Lachung . .	93·03	+28·68	2·47	IX	152	—9·[illegible]

* Total for 363 days.

† Data incomplete hence not totaled.

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 15 First Class Stations in India during each month and the year 1946.

Station, height of bar, cistern above mean sea level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %.			Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.)—Number of winds from								
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
CALCUTTA (21).																									
January	1014·1	1014·1	—0·5	79·7	66·5	+1·2	62·7	58·5	—0·3	11·8	12·7	—1·4	34	61	—8	0·1	10	1	2	0	1	0	1	12	4
February	1012·4	1012·3	—0·3	87·2	75·6	+5·3	68·5	66·0	+4·0	16·1	17·3	+1·5	35	62	—2	2·1	5	1	2	1	1	8	5	2	3
March	1009·1	1008·8	—0·3	92·5	81·3	+2·0	70·5	69·4	—0·7	16·4	18·9	—2·3	31	55	—10	1·6	4	1	0	0	4	5	5	10	2
April	1008·1	1007·8	+2·2	96·5	82·2	—2·9	78·1	75·5	—0·8	27·1	27·6	+1·0	55	76	+8	6·1	1	2	0	3	15	7	1	0	1
May	1002·7	1002·3	—0·3	92·9	86·4	+0·8	82·1	79·5	+0·9	33·1	32·1	+3·0	62	75	+3	5·6	0	0	2	1	11	13	1	1	2
June	998·1	997·9	—0·8	90·6	86·1	+1·5	83·0	80·9	+1·0	35·3	34·5	+2·2	72	88	+3	7·9	0	1	1	4	6	13	0	0	5
July	997·4	997·4	—1·1	87·2	83·9	+0·8	81·5	80·0	+0·2	34·2	33·6	+1·1	78	88	+3	8·5	0	0	2	4	10	12	1	0	2
August (f)	998·1	998·3	—1·9	87·6	84·1	+1·4	81·8	79·9	+0·3	34·5	33·5	+1·0	77	87	+1	8·7	0	1	2	1	9	9	2	0	1
September	1003·9	1003·9	+0·3	87·4	83·7	+0·6	80·3	79·1	0	32·2	30·8	—1·1	74	86	+2	7·8	0	1	7	4	1	4	4	1	8
October	1008·3	1008·4	—0·2	85·3	80·2	—0·2	77·5	76·1	+1·0	28·9	29·8	+2·4	70	86	+6	6·5	2	3	3	3	3	2	3	7	5
November	1011·7	1012·2	—0·6	82·9	75·9	+3·2	72·5	70·3	+4·8	22·8	23·2	+4·3	59	81	+9	4·8	8	4	1	1	0	1	0	7	8
December	1012·5	1012·9	—2·1	79·2	69·1	+3·5	66·3	62·6	+4·4	16·3	16·7	+2·4	48	71	+2	2·8	10	8	0	0	0	0	1	8	4
Year	1006·4	1006·4	—0·5	86·9	79·6	+1·5	75·4	73·1	+1·1	25·7	25·9	+1·2	58	76	+1	5·2	40	23	22	22	61	74	24	48	45*
NEW DELHI (714).																									
January	992·5	991·4	..	74·4	57·5	..	54·8	48·4	..	7·1	7·2	..	28	48	..	0·7	1	0	0	2	0	2	9	17	0
February	989·6	988·5	..	74·7	63·9	..	54·3	49·7	..	10·8	10·6	..	38	55	..	4·1	0	1	4	3	1	1	8	8	2
March	986·4	985·2	..	83·5	70·7	..	60·1	55·5	..	7·4	8·0	..	19	35	..	1·7	3	1	4	0	1	1	6	13	2
April	982·3	981·1	..	96·7	86·2	..	70·3	66·6	..	12·6	13·5	..	23	35	..	1·6	2	2	11	5	0	2	0	3	5
May	977·5	976·3	..	98·6	91·1	..	73·4	70·6	..	16·8	16·6	..	28	37	..	0·6	2	4	2	1	0	5	9	4	4
June	973·2	972·0	..	97·5	91·3	..	78·5	76·9	..	24·5	25·3	..	43	53	..	3·2	3	4	8	7	1	2	1	4	0
July	973·1	972·0	..	90·7	85·8	..	80·2	79·3	..	30·4	31·0	..	63	74	..	7·4	3	4	8	1	2	2	2	6	3
August	974·5	973·5	..	89·6	84·8	..	80·9	79·3	..	31·3	34·7	..	67	82	..	6·7	0	4	12	2	0	1	3	4	5
September	981·4	979·9	..	91·9	84·0	..	74·9	72·6	..	23·2	22·5	..	44	57	..	2·2	2	3	1	1	0	1	9	11	2
October	985·6	985·0	..	88·5	77·9	..	71·4	67·3	..	18·9	18·4	..	42	60	..	1·7	4	4	5	1	0	3	5	2	7
November	988·9	988·5	..	80·3	65·7	..	60·0	54·2	..	8·7	9·3	..	25	46	..	1·7	4	0	3	3	3	0	6	7	4
December	990·9	990·1	..	69·2	56·4	..	55·1	49·4	..	9·9	9·1	..	36	58	..	2·4	5	1	2	2	2	0	2	13	4
Year	982·9	981·9	..	78·1	76·3	..	67·8	64·1	..	16·8	16·9	..	38	53	..	2·8	29	22	66	28	10	20	60	92	38
LAHORE (702).																									
January	993·5	992·4	+0·5	66·3	54·0	+1·3	54·3	47·0	..	9·0	8·5	..	41	64	..	3·7	5	2	0	4	1	2	9	6	2
February	990·5	989·3	—1·1	73·3	62·4	+5·6	59·3	54·6	..	10·3	10·9	..	39	61	..	3·9	2	3	2	5	1	1	5	4	5
March	987·8	986·5	0	78·7	67·6	—0·3	61·5	56·9	..	9·9	10·3	..	32	50	..	3·6	4	3	1	4	2	1	7	8	1
April	982·9	981·6	—0·4	98·2	85·4	+5·8	71·8	68·6	..	14·7	15·9	..	24	41	..	2·5	2	8	3	10	1	0	3	1	21
May	976·3	975·9	—1·7	100·9	90·6	+3·2	74·5	71·9	..	17·1	18·4	..	27	41	..	0·8	1	3	0	12	3	4	3	2	31
June	971·2	971·4	+1·8	100·7	93·7	+2·0	86·2	78·1	..	25·9	26·4	..	41	51	..	1·4	0	3	3	12	6	1	1	1	31
July	972·8	971·5	—1·5	95·9	90·0	+1·8	82·2	80·4	..	31·5	31·5	..	55	64	..	4·2	0	6	3	3	4	1	5	0	4
August	975·0	973·7	—1·5	92·1	87·9	+1·5	82·3	80·8	..	33·7	32·8	..	65	78	..	6·1	3	6	7	7	1	1	1	2	2
September	981·1	980·0	+0·1	95·6	86·7	+2·6	77·8	75·3	..	25·4	25·3	..	43	60	..	1·1	2	4	3	2	1	2	11	2	2
October	987·1	986·3	+0·4	88·1	78·0	+3·0	73·5	70·0	..	21·6	21·8	..	48	68	..	1·0	6	5	2	3	3	3	4	1	4
November	990·6	989·7	—0·8	77·0	62·5	0	59·9	54·1	..	10·1	10·7	..	32	61	..	1·5	2	5	0	3	2	1	7	6	4
December	992·5	991·5	—1·4	63·9	51·3	—3·0	53·9	48·1	..	9·8	9·1	..	49	72	..	3·4	6	3	2	0	1	3	6	6	4
Year	983·3	982·5	+0·7	85·1	75·1	+1·2	69·3	65·5	..	18·2	18·5	..	41	58	..	2·9	33	51	26	70	26	20	62	30	38

* Total for 359 days.

(f) Observations were recorded on 25 days only.

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 15 First Class Stations in India during each month and the year 1946—*contd.*

Station, height of bar, cistern above mean sea level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %.			Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.)—Number of winds from								
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
SRINAGAR (5,205).																									
January	846·4	845·6	+0·4	42·2	35·6	+4·9	37·1	32·6	..	5·7	5·5	..	63	78	..	7·3	6	2	0	6	0	1	0	7	9
February	845·5	844·7	—0·5	48·0	42·1	+11·4	43·1	38·8	..	7·8	7·2	..	69	80	..	7·5	5	1	1	8	0	0	2	7	4
March	843·0	842·2	—0·1	51·3	45·4	0	44·8	41·1	..	7·9	7·9	..	62	76	..	7·3	3	0	3	6	1	0	3	11	4
April	843·1	842·3	+0·7	70·0	61·5	+5·7	57·7	53·8	..	12·0	11·9	..	49	64	..	3·6	7	2	0	2	0	2	2	6	9
May	838·7	838·2	—1·0	76·8	67·6	+3·7	61·9	58·7	..	13·6	14·3	..	45	63	..	2·7	2	2	1	1	1	4	3	3	14
June	835·3	834·6	—0·6	80·4	72·6	+2·0	65·9	63·0	..	16·6	17·0	..	48	61	..	3·5	3	2	0	4	0	2	0	11	8
July	832·5	831·7	—1·3	85·7	77·4	+3·9	69·7	67·4	..	19·0	19·5	..	46	59	..	3·3	5	0	0	2	0	0	0	4	20
August	833·4	832·7	+1·6	85·5	77·4	+6·0	70·3	67·2	..	19·8	19·7	..	48	61	..	4·9	4	1	0	0	0	0	1	7	18
September	838·9	838·4	—0·4	81·1	68·5	+2·9	62·6	58·0	..	12·6	12·7	..	36	55	..	2·1	3	4	0	2	0	0	3	8	10
October	842·8	842·3	—1·0	71·5	60·1	+5·4	57·0	51·2	..	10·8	10·7	..	42	65	..	2·1	4	1	1	3	2	1	0	1	18
November	844·9	844·2	—1·1	55·0	43·5	+1·6	44·3	37·0	..	6·2	5·7	..	44	66	..	4·0	5	3	0	1	0	2	3	2	14
December	847·2	846·4	+0·2	32·1	28·8	—5·6	30·4	26·8	..	5·1	4·7	..	84	91	..	9·8	2	0	1	15	3	1	2	2	5
Year	840·9	840·[illegible]	—0·[illegible]	61·9	56·7	+0·3	53·7	49·6	..	11·4	11·4	..	53	68	..	4·8	49	18	7	50	7	13	11	69	113
PESHAWAR (1,175).																									
January	978·2	977·1	0	61·2	51·4	+0·9	51·3	45·9	..	8·4	7·9	..	47	62	..	5·7	2	5	2	1	3	2	2	2	12
February	976·2	974·8	—0·7	66·6	57·3	+3·5	53·5	50·4	..	9·9	9·2	..	47	60	..	5·8	4	2	0	5	1	2	3	6	5
March	973·0	971·9	—0·5	71·9	62·7	—0·7	57·0	58·2	..	8·4	9·4	..	36	52	..	5·2	4	8	2	2	1	1	1	8	4
April	968·0	966·8	—1·6	91·7	80·[illegible]	+7·3	67·4	63·9	..	12·1	13·1	..	24	38	..	3·7	5	12	3	1	0	0	1	7	1
May	961·7	960·4	—2·9	99·1	89·2	+6·0	71·9	68·7	..	14·6	18·3	..	23	33	..	1·9	3	15	3	0	3	1	3	2	1
June	957·0	955·9	—2·1	100·3	92·0	+1·7	75·1	72·4	..	18·5	18·2	..	28	36	..	2·1	6	16	5	0	1	0	0	1	1
July	956·3	955·2	—1·8	97·1	90·9	+1·3	79·8	77·4	..	27·0	25·9	..	46	54	..	2·2	4	18	2	0	0	0	0	2	5
August	959·2	957·5	—1·9	91·5	85·6	—1·5	80·0	78·2	..	29·9	29·3	..	59	68	..	3·8	4	20	3	4	0	0	0	0	0
September	965·1	963·9	—0·8	91·0	82·1	+0·2	73·4	72·3	..	19·7	18·9	..	41	52	..	1·0	4	18	0	4	1	0	0	1	2
October	970·7	969·5	—1·6	83·3	75·0	+2·7	69·5	65·2	..	18·5	17·3	..	47	60	..	1·6	5	14	3	2	0	0	0	0	7
November	975·3	974·3	—1·1	71·7	60·1	—0·3	56·7	50·1	..	9·2	8·5	..	35	51	..	1·9	7	5	2	5	1	1	0	3	6
December	977·1	976·2	—1·5	59·8	49·6	—2·2	48·4	43·0	..	6·6	5·9	..	37	52	..	5·1	6	6	2	2	4	2	1	5	3
Year	968·2	967·0	—1·3	82·1	70·5	—1·0	65·3	62·1	..	11·6	15·2	..	39	51	..	3·3	54	139	27	26	15	9	11	37	47
JODHPUR (728).																									
January	991·8	990·7	..	74·3	60·8	..	55·3	49·0	..	6·6	5·8	..	23	34	..	0·7	1	6	5	5	4	6	1	1	2
February	988·7	987·4	..	80·9	68·4	..	58·3	53·2	..	6·5	6·3	..	18	30	..	2·1	1	4	6	5	1	4	1	1	5
March	986·5	985·2	..	87·5	76·0	..	61·1	55·7	..	6·5	5·9	..	16	22	..	1·1	1	1	4	2	1	5	8	3	6
April	982·1	977·9	..	101·4	91·5	..	69·0	65·7	..	9·5	10·2	..	14	24	..	0·8	1	3	0	1	1	5	12	5	2
May	978·6	977·5	..	98·6	91·6	..	73·6	71·6	..	17·0	17·8	..	28	38	..	0·5	0	0	0	0	0	14	16	1	0
June	974·1	973·1	..	99·0	93·7	..	78·5	76·8	..	23·9	24·1	..	38	47	..	3·0	0	1	0	0	0	10	15	2	2
July	973·7	972·8	..	91·2	87·4	..	77·9	76·8	..	26·6	27·2	..	54	62	..	6·4	0	0	0	0	0	16	12	2	1
August	975·1	974·1	..	85·5	82·0	..	78·0	76·9	..	29·3	29·4	..	71	81	..	9·1	0	1	2	1	0	7	14	1	5
September	981·8	982·1	..	90·1	82·7	..	74·3	72·2	..	21·2	22·0	..	46	62	..	3·2	0	1	1	1	0	12	7	3	5
October	985·0	984·2	..	95·3	82·9	..	69·9	65·8	..	13·8	13·9	..	24	40	..	0·3	0	2	2	2	0	6	8	5	6
November	988·8	988·1	..	83·4	70·6	..	60·[illegible]	54·5	..	7·9	7·3	..	20	33	..	1·5	0	8	6	2	2	2	2	0	8
December	989·8	988·6	..	72·4	63·2	..	57·7	51·8	..	9·9	8·7	..	37	47	..	1·5	1	12	7	1	0	2	1	1	6
Year	983·1	981·8	..	88·3	79·3	..	74·5	65·0	..	14·9	14·9	..	32	43	..	2·5	5	39	33	20	9	89	97	25	48

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 15 First Class Stations in India during each month and the year 1946—*contd.*

Station, height of bar. cistern above mean sea level in feet and month.	Pressure at Station level millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %.			Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.)—Number of winds from								
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
JAIPUR (1,431).																									
January	967·8	966·9	+0·5	73·3	59·7	+0·7	54·1	48·5	..	5·9	6·3	..	20	40	..	0·5	1	1	4	4	5	8	1	5	2
February	965·1	964·0	—0·9	77·5	66·8	—3·9	58·8	54·4	..	8·6	9·0	..	28	45	..	2·8	0	2	8	7	3	5	5	1	2
March	963·0	961·6	—0·3	84·6	73·1	—0·3	58·9	51·6	..	5·7	6·4	..	14	28	..	1·0	1	2	1	1	2	5	7	10	2
April	958·9	957·7	—0·6	99·6	88·8	+4·0	68·2	64·8	..	9·6	10·4	..	16	26	..	1·6	0	2	2	0	2	11	7	4	2
May	955·3	955·2	+0·3	99·5	90·9	+0·6	70·9	67·8	..	12·9	13·2	..	21	30	..	0·5	0	0	2	1	0	5	17	6	0
June	950·7	949·8	—1·3	98·6	91·5	+1·9	77·5	75·2	..	22·7	22·9	..	38	49	..	4·5	2	0	1	5	1	1	7	12	1
July	950·5	949·7	—0·8	89·6	84·3	0	79·3	77·7	..	29·5	29·3	..	63	74	..	8·0	3	0	1	1	1	7	15	3	0
August	951·3	950·5	—2·2	83·7	79·8	—2·2	78·4	76·8	..	30·5	30·3	..	78	87	..	8·9	3	9	3	0	1	1	6	7	1
September	958·2	957·4	+0·5	89·1	79·9	—1·8	73·8	71·5	..	21·5	22·6	..	47	66	..	3·0	2	6	1	0	0	3	13	5	0
October	961·9	961·2	—1·0	89·6	78·0	+0·8	68·4	61·3	..	14·3	15·6	..	30	49	..	0·9	0	2	1	2	1	8	9	8	0
November	965·2	964·5	—1·1	80·4	66·5	—1·5	58·3	53·5	..	7·0	8·3	..	20	42	..	2·0	4	2	1	2	2	7	2	4	6
December	965·9	965·1	—2·1	70·0	60·1	—0·5	55·9	50·0	..	6·1	8·8	..	36	53	..	2·5	2	4	7	6	1	5	1	1	4
Year	959·5	958·6	—0·7	86·3	76·6	+0·5	66·9	62·8	..	14·8	15·3	..	34	49	..	3·0	18	30	27	29	19	66	90	66	20
BARODA (115).																									
January	1012·1	1011·1	..	82·4	68·1	..	62·9	57·0	..	10·8	11·5	..	29	53	..	0·4	2	8	3	3	0	0	0	6	9
February	1009·5	1008·4	..	88·5	74·9	..	65·7	61·0	..	11·3	12·3	..	25	45	..	0·5	1	3	6	0	3	3	2	0	10
March	1007·7	1006·5	..	92·2	79·3	..	65·6	61·4	..	9·6	10·3	..	19	33	..	0·5	5	5	3	1	2	3	2	5	5
April	1004·6	1003·4	..	99·1	89·4	..	74·1	71·9	..	17·4	18·7	..	28	43	..	0·5	2	1	0	1	0	8	9	5	4
May	1002·8	1001·7	..	96·3	90·0	..	77·1	76·0	..	23·0	24·7	..	40	53	..	1·8	0	1	0	0	2	12	12	4	0
June	997·4	996·5	..	90·8	87·1	..	79·6	78·7	..	29·5	30·4	..	61	73	..	7·7	0	0	1	0	4	16	6	0	3
July	997·9	997·2	..	86·4	82·3	..	79·6	78·2	..	31·4	31·3	..	74	83	..	8·0	0	1	0	1	1	18	8	1	1
August	998·0	997·1	..	83·5	80·7	..	78·4	77·4	..	30·8	31·0	..	79	89	..	8·6	1	0	0	0	1	17	9	2	1
September	1004·1	1003·2	..	88·0	82·1	..	78·2	76·7	..	28·5	29·1	..	63	78	..	5·3	3	3	2	0	2	13	5	2	0
October	1006·1	1005·5	..	94·1	82·6	..	75·0	72·3	..	21·0	23·3	..	39	63	..	0·3	3	4	3	1	3	4	2	1	10
November	1008·5	1007·9	..	83·8	74·6	..	70·1	65·9	..	19·1	19·3	..	49	68	..	4·2	3	5	8	6	2	2	0	1	3
December	1009·3	1008·6	..	82·9	72·6	..	67·5	62·2	..	16·0	16·1	..	42	62	..	1·8	4	5	4	2	0	2	0	3	11
Year	1004·8	1003·9	..	89·0	80·3	..	72·8	69·9	..	20·7	21·5	..	46	62	..	3·3	24	36	30	15	20	98	55	30	57
BOMBAY (35).																									
January	1013·1	1012·5	+0·1	79·4	74·5	+0·6	67·8	67·3	+0·6	18·0	19·3	0	53	67	—1	0·1	8	2	5	2	1	0	0	8	5
February	1011·6	1010·3	—1·3	82·9	78·1	+3·7	70·7	70·7	+3·5	20·2	22·1	+2·4	53	68	0	0	4	1	0	0	2	3	5	10	3
March	1010·0	1009·0	—0·7	84·6	80·3	+2·1	73·6	72·1	+0·2	23·4	23·8	+0·2	57	68	—4	0	10	0	0	0	0	1	4	16	0
April	1008·9	1007·9	+0·3	87·5	83·9	+2·2	78·7	77·3	+1·8	26·2	25·3	—1·8	66	73	—1	0·6	2	0	0	0	0	5	9	14	0
May	1007·6	1006·6	+0·3	88·9	85·8	+1·5	79·2	78·0	+0·2	29·6	28·8	—0·5	64	69	—5	1·6	1	0	0	0	0	5	16	9	0
June	1002·4	1001·5	—1·3	84·6	82·7	—0·3	79·8	78·6	+0·2	32·7	31·3	+0·5	81	83	+2	8·9	0	0	0	0	4	12	11	2	1
July	1003·6	1003·0	+0·2	83·0	81·4	+0·5	78·8	78·0	+0·6	31·8	30·4	+0·2	82	84	—1	9·5	0	0	0	0	0	6	21	4	0
August	1003·5	1002·7	—2·0	81·4	80·1	0	77·7	75·5	—1·0	30·8	29·5	+0·3	84	85	+1	9·0	0	0	0	0	0	4	22	5	0
September	1007·9	1007·4	+0·7	82·3	80·1	+0·1	77·4	76·1	—0·1	29·9	28·5	—0·4	79	82	—1	7·4	11	0	0	1	1	5	6	6	0
October	1008·5	1008·2	+0·4	83·8	82·8	—0·2	77·4	76·5	+0·7	27·8	28·4	+0·3	64	75	—3	1·3	5	0	1	2	0	3	5	9	6
November	1009·2	1008·8	—2·0	83·3	79·9	+0·9	75·3	73·9	+1·9	26·3	25·9	+2·5	68	75	+5	4·7	5	1	9	4	1	2	1	4	3
December	1010·4	1009·8	—2·4	81·4	77·5	+1·8	72·5	71·1	+2·6	23·3	23·0	+2·7	64	72	+4	4·0	14	1	3	5	2	1	0	2	3
Year	1008·1	1007·3	—0·7	83·6	80·6	+1·3	75·7	74·6	+0·9	26·7	26·3	+0·5	68	75	0	3·9	60	5	18	14	11	47	100	89	21

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 15 First Class Stations in India during each month and the year 1946—*contd.*

Station, height of bar, cistern above mean sea level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %.			Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.)—Number of winds from								
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
POONA (1,834).																									
January	952·0	951·4	+0·8	81·7	68·8	—0·5	60·2	55·9	..	9·1	10·1	..	25	49	..	0·1	0	3	11	4	1	0	1	0	11
February	950·2	949·6	0	86·0	73·8	+0·4	68·8	60·3	..	11·3	12·8	..	27	50	..	0·3	0	1	13	4	0	1	2	0	7
March	948·6	947·9	0	92·6	79·6	—0·2	64·4	62·6	..	9·2	12·8	..	18	42	..	1·1	1	0	11	0	1	1	6	6	5
April	947·2	946·4	+0·4	96·4	83·8	—0·1	68·1	67·5	..	11·9	16·9	..	21	47	..	1·1	1	1	7	2	0	0	5	9	5
May	945·7	945·4	+0·6	91·9	82·3	—1·6	71·9	70·5	..	18·6	21·6	..	37	61	..	3·0	2	0	1	0	0	0	18	7	3
June	941·8	941·4	—0·9	84·4	81·3	+2·2	73·9	72·1	..	24·3	24·9	..	61	76	..	8·3	0	1	1	0	0	3	24	0	1
July	943·0	942·3	+0·4	78·5	74·6	—0·8	72·8	71·1	..	25·3	25·0	..	77	81	..	9·0	0	0	0	0	0	1	29	1	0
August	942·8	942·0	—1·4	77·5	73·3	—0·9	72·9	70·9	..	25·8	25·0	..	80	88	..	9·0	0	0	0	0	0	0	30	1	0
September	946·4	946·0	+0·4	81·6	74·8	+0·1	72·6	70·6	..	23·7	24·0	..	64	81	..	7·5	1	8	2	0	0	0	13	5	-
October	947·7	947·6	—0·3	89·4	78·6	+2.3	69·5	67·7	..	16·4	18·8	..	35	61	..	3·8	0	4	8	3	0	1	1	3	11
November	948·6	948·3	—1·4	80·0	74·4	+2·3	69·8	6 ·1	..	20·7	21·4	..	61	78	..	6·0	0	0	16	4	0	3	1	0	6
December	949·4	949·8	—1·4	81·3	73·3	+4·9	67·4	63·7	..	17·2	17·6	..	48	70	..	4·5	0	0	17	3	0	1	0	0	10
Year	946·9	946·5	—0·3	85·1	76·5	+0·6	68·9	66·7	..	17·8	19·2	..	46	65	..	4·5	5	13	87	20	2	11	10	32	65
HYDERABAD (BEGUMPET) (1,778).																									
January	954·3	953·6	..	81·5	67·8	..	64·4	58·6	..	13·9	13·5	..	37	59	..	0·3	0	7	16	7	0	0	0	0	1
February	952·5	951·8	..	85·5	74·5	..	70·2	65·1	..	19·2	18·5	..	46	62	..	1·4	2	0	12	7	3	0	0	0	4
March	950·0	949·2	..	94·2	83·5	..	72·1	68·3	..	18·0	18·2	..	33	47	..	1·4	1	2	9	9	4	3	2	0	1
April	948·7	948·0	..	96·1	87·2	..	73·5	70·3	..	18·8	19·7	..	34	47	..	3·1	2	2	6	6	2	2	4	5	1
May	945·9	945·1	..	97·8	90·7	..	72·3	70·1	..	16·7	17·5	..	28	39	..	2·6	3	1	2	1	0	1	3	18	2
June	943·4	942·6	..	86·6	82·7	..	74·4	72·9	..	24·1	24·4	..	57	67	..	8·3	0	1	1	0	0	0	24	4	0
July	943·9	943·4	..	83·4	78·8	..	73·8	71·4	..	24·0	23·9	..	63	74	..	9·1	0	0	0	0	0	0	26	5	0
August	943·7	943·0	..	82·3	78·0	..	73·7	69·2	..	24·9	24·8	..	66	79	..	8·8	0	0	0	0	0	0	23	8	0
September	947·0	946·8	..	85·4	78·8	..	73·7	71·6	..	23·7	24·0	..	57	74	..	7·2	3	6	1	1	0	1	10	7	1
October	948·8	948·1	..	89·2	79·7	..	71·3	68·8	..	19·1	20·0	..	41	60	..	5·3	3	13	4	1	0	1	3	2	4
November	951·0	950·9	..	80·5	75·1	..	71·3	68·3	..	22·6	22·7	..	65	82	..	7·3	0	4	9	13	1	1	0	0	2
December	951·7	951·5	..	81·0	72·3	..	67·8	63·4	..	17·4	17·5	..	48	68	..	4·8	1	2	18	9	0	0	0	0	1
Year	948·4	947·8	..	86·9	79·1	..	71·5	68·2	..	20·2	20·4	..	48	63	..	5·0	15	38	78	54	10	9	95	49	17
BANGALORE (3,021).																									
January	912·1	911·7	+0·1	76·6	67·0	+0·4	57·6	56·6	..	8·6	10·1	..	28	48	..	1·3	0	9	18	2	0	0	1	1	0
February	911·2	910·7	—0·2	81·1	72·4	+1·2	61·1	60·2	..	10·3	11·8	..	28	46	..	2·8	0	5	9	5	4	2	2	0	1
March	910·4	909·9	+0·2	86·6	78·1	+2·3	65·0	64·3	..	11·9	13·9	..	30	47	..	3·7	1	4	9	4	0	5	6	2	0
April	909·8	909·3	+1·4	87·5	79·9	+0·8	69·0	68·1	..	16·7	18·1	..	38	56	..	5·0	4	4	1	6	2	4	4	5	0
May	908·3	907·8	+1·1	86·2	78·6	+0·8	69·0	68·7	..	18·3	19·3	..	44	60	..	4·1	2	0	0	1	0	2	14	12	0
June	906·8	906·2	+0·1	80·8	74·2	+0·8	69·8	68·1	..	19·7	20·3	..	55	72	..	0·0	0	0	0	0	0	7	22	1	0
July	907·1	907·0	+0·8	77·6	71·9	+0·5	68·0	67·5	..	20·6	20·7	..	44	79	..	0·3	0	6	0	0	0	1	29	1	0
August	906·4	906·2	—0·5	76·7	71·4	+0·2	69·0	67·6	..	21·1	21·2	..	67	81	..	0·8	0	0	0	0	0	2	26	3	0
September	908·1	907·9	+0·1	77·6	71·9	+0·6	69·2	67·7	..	20·9	20·9	..	65	76	..	8·1	0	0	0	0	0	4	17	8	1
October	908·8	908·7	—0·2	78·7	72·7	+1·4	69·5	68·2	..	20·0	21·4	..	62	76	..	8·7	3	5	6	2	1	4	7	2	1
November	909·3	909·1	—1·1	74·8	70·5	+1·6	67·7	66·5	..	20·2	20·9	..	69	82	..	8·7	0	7	10	10	1	1	1	0	1
December	909·8	909·5	—1·9	73·5	67·0	+1·8	65·0	66·9	..	17·7	18·6	..	64	79	..	6·0	0	5	20	1	1	1	1	2	1
Year	909·0	908·7	0	79·8	72·0	+0·0	66·8	65·6	..	17·2	18·1	..	51	67	..	6·4	10	39	73	31	8	33	130	37	4

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 15 First Class Stations in India during each month and the year 1946—*concld.*

Station, height of bar, cistern above mean sea level in feet and month.	Pressure at Station level millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %.			Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.)—Number of winds from.								
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
TRIVANDRUM (211).																									
January	1004·7	1004·7	+1·1	85·7	77·9	+1·2	71·8	69·5	—1·3	20·3	20·9	—1·8	49	68	—6	3·2	2	1	0	4	6	12	5	1	0
February	1003·9	1003·8	+0·7	87·2	..	..	74·6	72·7	+1·0	23·6	24·3	+1·1	53	72	0	2·4	1	0	0	0	5	15	7	0	0
March	1002·8	1002·6	+0·2	87·8	80·5	+2·4	76·1	74·6	0	25·4	26·6	+0·4	57	76	+1	3·3	1	2	0	0	2	19	5	2	0
April	1002·4	1002·2	+1·6	88·9	83·2	+2·8	78·9	77·2	+1·1	29·2	29·3	+1·2	62	79	0	4·5	2	0	0	0	1	12	9	6	0
May	1001·5	1001·4	+0·8	87·5	83·2	+2·2	78·1	77·2	+0·7	28·6	29·1	+0·4	64	79	—4	6·5	1	1	0	0	0	2	10	17	0
June	1001·3	1001·1	+0·5	83·5	79·3	—1·0	77·3	75·4	+0·8	29·2	28·5	+1·0	74	86	—1	8·6	4	0	0	0	0	0	6	20	0
July	1002·0	1001·8	+0·8	82·9	78·2	—0·6	76·1	74·8	+0·9	27·7	27·6	+0·7	72	85	—2	8·3	5	0	0	0	0	0	6	20	0
August	1001·7	1001·6	0	82·0	78·0	+1·3	75·7	74·3	+0·6	27·5	27·4	+0·8	74	86	0	8·2	4	0	0	0	0	0	4	23	0
September	1002·4	1002·6	+0·6	84·6	79·3	+1·6	76·4	75·1	+1·5	27·4	28·0	+1·6	68	84	0	5·1	3	0	0	0	0	2	11	14	0
October	1002·0	1002·3	0	84·5	79·0	+1·9	77·2	75·3	+1·7	28·6	28·8	+2·2	71	86	+1	7·3	1	0	0	1	4	10	12	2	1
November	1002·4	1002·3	—0·4	83·1	78·7	+1·8	77·0	75·0	+1·5	28·9	28·7	+2·4	75	91	+7	7·8	0	1	0	5	3	8	6	6	1
December	1002·3	1002·0	—1·3	83·6	78·5	+1·5	75·7	74·2	+2·6	26·8	27·5	+3·8	69	87	+9	6·0	1	0	0	3	4	6	10	6	1
Year	1002·5	1002·4	+0·4	85·1	..	..	76·2	74·6	+0·9	26·9	27·2	+1·1	66	81	0	5·9	25	5	0	13	25	86	91	117	3
MADRAS (51).																									
January	1012·9	1012·5	—0·9	80·9	73·1	—2·3	68·3	66·5	..	17·9	18·4	..	50	67	..	4·5	4	18	6	2	0	0	0	1	0
February	1011·5	1011·1	—1·3	84·9	76·8	+0·4	72·3	70·4	..	21·4	22·2	..	52	71	..	2·8	1	5	13	8	1	0	0	0	0
March	1009·0	1008·6	—1·7	89·8	81·3	+2·3	76·6	75·0	..	25·3	26·3	..	53	71	..	3·8	0	1	9	13	4	3	1	0	0
April	1007·3	1007·1	—0·5	93·3	85·7	+2·1	79·4	78·0	..	27·6	28·9	..	53	70	..	3·8	0	0	3	18	7	1	0	1	0
May	1003·5	1003·4	—1·1	98·6	90·8	+2·6	77·7	77·5	..	22·9	26·3	..	39	59	..	3·7	4	0	4	6	1	2	5	8	1
June	1002·2	1002·0	—1·3	94·2	88·0	+0·2	76·8	76·4	..	23·5	26·0	..	44	62	..	7·4	1	0	0	1	1	7	16	4	0
July	1003·1	1003·0	—1·0	93·0	86·7	+1·5	75·7	75·5	..	22·5	24·9	..	43	61	..	7·6	0	0	0	0	0	3	21	7	0
August	1002·9	1002·8	—2·1	90·2	84·8	+0·8	76·5	75·9	..	24·9	26·6	..	52	67	..	7·5	0	0	0	0	0	4	17	10	0
September	1005·1	1005·3	—0·6	90·3	83·3	—0·1	77·3	76·8	..	26·1	28·5	..	54	73	..	6·6	0	1	0	4	3	5	10	4	3
October	1006·6	1006·9	—1·4	86·6	81·2	+0·6	77·9	76·8	..	28·7	29·3	..	67	82	..	7·4	4	6	3	1	1	4	5	2	5
November	1008·5	1008·5	—2·5	82·5	79·1	+1·3	77·1	76·1	..	29·3	29·5	..	78	88	..	7·7	6	6	8	6	2	0	0	1	1
December	1009·4	1009·2	—3·6	79·7	76·0	+0·4	74·3	73·0	..	26·5	26·4	..	76	87	..	8·5	9	12	5	3	0	0	0	1	1
Year	1006·8	1006·7	—1·5	88·7	82·2	+0·8	75·8	74·8	..	24·7	26·1	..	55	71	..	5·9	29	49	51	62	20	29	75	39	14
KODAIKANAL (7,688).																									
January	772·1	771·9	+0·8	62·2	54·7	+2·2	48·1	42·9	—3·3	6·4	5·1	—3·3	36	36	—26	2·8	1	13	3	12	1	0	0	1	0
February	772·3	771·6	+0·2	61·1	53·9	+0·2	51·8	47·7	+0·7	9·9	9·1	+0·6	55	70	+10	4·4	5	6	4	8	1	0	0	3	1
March	772·4	771·7	+0·2	64·3	58·7	+2·4	54·7	51·1	+2·5	11·1	10·0	+1·2	56	60	+5	5·1	3	15	2	8	2	0	0	0	1
April	772·5	772·1	+1·3	65·3	59·7	+0·5	57·6	53·3	+0·7	13·5	11·5	+0·4	64	68	+3	6·5	8	10	4	2	0	0	2	2	2
May	771·7	771·5	+1·3	65·1	62·2	+2·1	59·5	57·7	+3·0	15·4	14·5	+2·0	73	81	+9	7·0	2	1	1	6	3	1	1	5	11
June	769·6	769·5	+0·8	61·9	57·5	+0·3	57·6	54·2	+0·9	14·7	12·7	+0·2	78	86	+8	9·4	1	0	0	0	3	0	14	11	1
July	769·9	769·6	+1·4	61·0	56·7	+1·0	56·3	53·3	+0·6	13·8	12·5	+0·1	76	85	+2	8·5	2	0	0	0	0	0	11	13	5
August	769·4	768·9	+0·2	60·2	57·8	+1·9	56·4	54·9	+1·8	14·2	13·8	+1·3	81	89	+6	9·1	0	0	0	0	1	2	12	12	4
September	770·6	770·7	+1·5	60·9	56·5	+0·9	57·6	54·2	+1·3	15·0	13·5	+0·9	82	88	+5	9·0	3	0	0	4	3	1	5	8	6
October	770·8	770·7	+0·7	59·4	56·0	+1·1	56·2	54·5	+2·1	14·2	14·0	+1·6	84	90	+5	8·7	6	3	2	5	1	0	1	4	9
November	770·7	770·8	+0·1	57·6	54·6	+1·2	56·2	53·3	+2·9	15·0	13·3	+1·8	93	94	+11	9·3	2	6	1	8	3	0	0	3	7
December	770·9	770·6	—0·1	58·0	54·2	+1·1	54·9	51·8	+4·5	13·6	12·2	+3·3	84	87	+21	7·5	0	8	5	7	1	0	4	3	3
Year	771·1	770·8	+0·6	61·4	56·9	+1·2	55·6	52·4	+1·5	13·1	11·9	+0·9	72	78	+5	7·3	33	62	22	60	19	4	50	65	50

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 13 Stations during each month and the year 1946.

Station, Latitude and Longitude.	Month.	Bright sunshine. No. of days with duration. Nil or trace.	0·1 to 3 hours.	3·1 to 6 hours.	6·1 to 9 hours.	Above 9 hours.	Total hours for the month or year.	Percentage of possible hours of Sunshine in the month or year.	Duration in the month or year. Maximum. Hour.	Maximum. Date.	Minimum. Hour.	Minimum. Date.	Nocturnal radiation temperature (1½″ above ground). Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shade.	Departure from Normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
CALCUTTA— Lat. 22° 32′ N. Long. 88° 20′ E.	January*	0	0	0	3	27	281·2	86	10·0	27, 31	7·7	17	48·1	—0·5	41·0	3	6·4	+0·6
	February	0	0	2	11	15	242·0	76	10·1	1	4·3	28	57·9	+4·4	48·5	2	6·0	+0·2
	March	0	1	2	3	25	278·6	75	10·3	9	2·7	19	65·4	+2·0	55·0	9	5·0	—0·2
	April‡	0	1	3	14	11	238·5	65	11·2	4,25	1·2	11	70·3	—1·1	57·6	1	3·6	—0·4
	May	0	0	7	9	15	266·3	65	11·8	7,8	3·6	13	75·9	+1·2	67·5	2	2·4	—0·3
	June	1	13	4	9	3	142·2	35	11·8	1	0	25	78·2	+1·5	72·0	5	2·1	+0·4
	July	5	9	8	7	2	125·6	30	9·8	16	0	5 days	77·7	+0·8	75·2	29	1·7	+0·2
	August	2	10	12	7	0	121·4	30	8·0	11	0	24, 31	(h) 77·7	+1·1	74·5	16	1·6	0
	September	4	4	6	8	8	171·8	47	10·4	8	0	4 days	76·3	+0·7	74·6	10	2·2	—0·1
	October	3	6	6	10	6	174·0	48	10·4	30	0	4, 5, 18	72·0	+1·8	64·5	31	2·8	—0·9
	November	1	3	2	9	15	230·9	70	10·4	8	0	21	64·7	+6·3	56·0	27	3·5	—1·7
	December	2	2	2	4	21	247·9	74	10·0	11, 12, 16	0	9, 30	55·4	+6·8	49·0	24	4·5	—1·7
	Year	18	49	54	94	148	2520·4	58	11·8	V, VI	0	7 months	68·3	+2·1	41·0	I	3·5	—0·3
NEW DELHI— Lat. 28° 35′ N. Long. 77° 12′ E.	January	0	0	0	4	27	292·9	90	10·2	28, 29	7·4	25	(d) 36·8	..	(d) 29·4	6	5·9	..
	February	0	4	4	6	14	211·2	67	10·6	28	0·5	13	(f) 44·5	..	(f) 35·8	3	6·4	.
	March	0	1	1	7	22	273·9	75	10·7	5, 6	2·6	17	..	..	..	..	..	..
	April	6	0	2	6	16	218·2	59	11·4	27	0	6 days	..	..	..	..	..	..
	May	1	4	1	9	16	249·3	69	11·8	6	0	16	..	..	..	..	..	..
	June	3	1	1	9	16	243·4	58	12·6	26	0	27, 28, 29	..	..	..	..	..	..
	July	2	9	5	6	8	167·2	39	12·1	30	0	20, 28	(j) 76·2	..	(j) 72·1	14	3·3	..
	August	0	5	2	8	16	246·0	60	12·5	18	0·8	12	(r) 76·3	..	71·3	6	2·8	..
	September	1	0	2	7	20	257·2	69	9·9	9, 10	0	15	..	..	..	..	..	..
	October*	0	0	1	9	20	275·6	77	10·3	25	3·9	9	..	..	..	..	..	..
	November‡	0	0	1	7	21	272·4	85	10·3	11	5·0	30	(i) 43·6	..	35·5	26	8·1	..
	December	0	3	2	7	19	254·0	79	9·9	15	0·2	8	(c) 36·9	..	28·5	31	6·7	..
	Year	13	27	22	85	215	2961·3	72	12·6	VI	0	5 months	..	..	..	..	..	..
LAHORE— Lat. 31° 35′ N. Long. 74° 20′ E.	January	0	3	2	14	12	234·7	73	9·7	27, 31	1·4	25	(j) 30·5	—1·2	17·5	3	9·5	+1·0
	February†	0	1	4	13	9	208·7	67	9·9	15	2·7	7	(g) 43·5	+7·7	30·5	1	4·8	—3·6
	March	0	3	4	6	18	249·8	68	11·0	29	0·1	9	(s) 46·2	+0·5	41·8	6	7·8	+0·2
	April	0	0	1	4	25	292·2	75	11·3	28, 30	5·5	11	..	..	..	..	..	..
	May	0	0	3	7	21	297·1	70	12·4	10	3·8	17, 31	..	..	..	..	..	..
	June‡	1	0	1	8	19	261·4	62	11·8	20	0	29	..	..	..	..	..	..
	July	1	1	8	9	12	241·9	56	12·5	29	0	10	..	..	..	..	..	..
	August	2	2	3	8	16	256·2	62	12·2	7	0	2, 10	..	..	..	..	..	..
	September‡	0	0	1	2	26	276·0	71	11·5	1	5·1	14	.	.	..	..	..	..
	October	0	0	0	8	23	284·6	81	10·0	17, 27, 28	6·5	26	.	..	..	..	..	..
	November	0	0	2	4	24	270·5	85	9·8	9, 10, 11	3·2	28		.	..	..	..	..
	December*	0	3	8	16	3	206·9	66	9·3	1	1·6	26			..	..	..	..
	Year	4	13	37	99	208	3080·0	70	12·5	VII	0	VI, VII VIII	..	..	..	..	..	..

(h) Mean of 23 days.

* Observations of bright sunshine for 30 days.
‡ Observations of bright sunshine for 29 days.
(i) Mean of 22 days.

† Observations of bright sunshine for 27 days.
(j) Mean of 21 days.
(g) Mean of 24 days.

Table VII—Abstract of hours of bright sunshine and nocturnal radiation temperature at 13 Stations during each month and the year 1946—*contd.*

Station, Latitude and Longitude.	Month.	Bright sunshine. No. of days with duration. *Nil* or trace.	0·1 to 3 hours.	3·1 to 6 hours.	6·1 to 9 hours.	Above 9 hours.	Total hours for the month or year.	Percentage of possible hours of sunshine in the month or year.	Duration in the month or year. Maximum. Hour.	Maximum. Date.	Minimum. Hour.	Minimum. Date.	Nocturnal radiation temperature (1¼" above ground). Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shade.	Departure from Normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
SRINAGAR— Lat. 34° 05′ N. Long. 74° 50′ E.	January	4	9	8	9	1	122·3	39	9·1	27	0	4 days	21·2	..	10·3	9	6·7	..
	February	4	7	8	8	1	112·6	37	8·3	4, 5	0	4 days	28·9	..	20·3	4, 29	5·1	..
	March	4	9	5	9	4	144·0	39	10·1	30	0	4 days	31·1	..	22·6	5	6·2	..
	April	1	1	4	6	18	251·4	64	11·6	25	0	6	38·8	..	31·7	1	9·3	
	May	0	2	3	8	18	285·1	66	12·4	29	0·6	31	46·0	..	35·9	27	7·7	..
	June	1	1	5	6	17	271·4	63	12·4	16	0	30	52·9	..	46·2	8	6·7	..
	July	0	0	3	7	21	309·2	70	12·3	22	4·2	16	60·5	..	53·5	3	5·1	
	August	1	1	4	11	14	273·5	61	11·5	10	0	2	60·4	..	52·6	31	5·3	
	September	0	1	3	10	16	246·2	66	10·2	10	1·0	6	45·7	..	38·2	9	7·4	..
	October	1	1	2	9	18	254·3	72	10·1	27	0	8	36·7	..	23·4	29	8·6	..
	November	2	3	3	7	15	217·5	70	9·6	20	0	28, 29	22·3	..	13·3	21	7·1	..
	December	19	9	3	0	0	22·3	7	4·4	9	0	Various dates.	24·8	..	19·4	10	2·2	..
	Year	37	44	51	90	143	2489·8	56	12·4	V, VI	0	9 months	39·1	..	10·3	I	6·5	..
PESHAWAR— Lat. 34° 01′ N. Long. 71° 35′ E.	January	3	4	7	13	4	181·5	58	9·6	27	0	11, 12, 29	31·9	..	21·5	3	8·3	..
	February	2	8	4	8	6	155·0	51	10·0	17, 28	0	11, 23	38·8	..	33·0	1	8·1	..
	March	0	3	6	11	11	216·6	58	9·8	29	0·9	9	43·2	..	34·0	24	8·4	..
	April*	0	0	1	14	14	261·2	67	11·8	28	4·8	2	(d) 59·7	..	49·0	12	7·2	..
	May	0	0	2	8	21	310·3	72	12·6	15	4·7	3	(e) 67·0	..	50·8	4	8·2	..
	June	0	0	3	6	21	292·8	68	12·2	21	5·8	18	(e) 70·5	..	64·0	1	9·5	..
	July	0	1	2	4	24	302·1	69	11·9	12	2·8	9	(d) 77·2	..	71·4	14	4·7	..
	August	1	1	4	11	14	248·2	60	11·5	9	0	2	(c) 75·0	..	71·0	14	3·3	..
	September	0	0	1	15	14	259·4	70	10·2	10	4·8	5	(c) 64·9	..	60·4	10	7·1	..
	October	0	0	4	9	18	263·4	75	10·2	27	3·3	12	57·9	..	48·0	28, 29	7·1	..
	November	0	1	1	11	17	256·2	82	10·2	9	2·4	28	(b) 37·5	..	30·0	30	10·0	..
	December	1	7	6	4	13	194·1	63	9·6	1	0	22	28·4	..	23·4	4	9·9	..
	Year	7	25	41	114	177	2940·8	66	12·6	V	0	4 months	54·3	..	21·5	I	7·7	..
JODHPUR— Lat. 26° 18′ N. Long. 73° 01′ E.	January	0	0	0	0	31	306·8	93	10·3	25	9·1	1	42·8	..	33·5	3	0·9	..
	February	0	1	0	5	22	264·0	84	10·6	28	2·3	26	(d) 49·7	..	38·8	3	4·6	..
	March	0	0	1	3	27	293·3	79	10·2	15, 25	4·8	9	56·3	..	45·5	5	4·0	..
	April	0	0	0	6	24	304·1	79	11·9	26	7·3	15	(c) 66·3	..	53·0	1	9·7	..
	May	0	0	0	0	31	340·6	82	11·8	4 days	9·0	5, 16	77·8	..	69·3	8	3·0	..
	June	0	2	3	1	24	294·0	71	12·1	1, 7	0·3	29	82·9	..	71·5	21	1·6	..
	July	1	1	7	14	8	225·7	54	10·9	3, 18	0	21	(a) 77·1	..	71·5	22	3·8	..
	August	3	10	10	5	3	125·4	31	11·6	29	0	8, 11, 16	76·3	..	73·0	26	0·8	..
	September	0	2	1	9	18	257·6	79	10·2	28, 29, 30	0·1	14	(c) 71·6	..	63·0	29	1·4	..
	October	0	0	0	2	29	312·0	87	11·0	18	6·5	1	64·2	..	56·0	24	4·4	..
	November	0	0	0	1	29	307·9	94	12·0	16	5·2	5	50·8	..	37·0	29	4·9	..
	December†	0	0	2	3	25	278·5	85	10·0	4 days	4·1	7	47·4	..	39·0	15	3·5	..
	Year	4	16	24	49	271	3309·9	75	12·1	VI	0	VII, VIII	63·6	..	33·5	I	3·5	..

* Observations of bright sunshine for 29 days.
(c) Mean of 26 days.
(d) Mean of 27 days.
(e) Mean of 28 days.

† Observations of bright sunshine for 30 days.
(a) Mean of 30 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 13 Stations during each month and the year 1946—*contd.*

Station, Latitude and Longitude.	Month.	Bright sunshine. No. of days with duration. Nil or trace.	0·1 to 3 hours.	3·1 to 6 hours.	6·1 to 9 hours.	Above 9 hours.	Total hours for the month or year.	Percentage of possible hours of Sunshine in the month or year.	Duration in the month or year. Maximum. Hour.	Maximum. Date.	Minimum. Hour.	Minimum. Date.	Nocturnal radiation temperature (1½″ above ground). Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shade.	Departure from Normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
JAIPUR— Lat. 26° 55′ N. Long. 75° 50′ E.	January	0	0	0	0	31	308·8	94	10·3	24, 29	9·3	25	37·0	+0·5	26·1	6	8·1	—2·3
	February	0	2	1	7	18	239·4	76	10·6	18, 19, 28	0·2	26	46·5	+6·5	33·3	2	7·9	—2·5
	March	0	0	0	3	28	324·3	87	11·6	26	8·6	23	49·1	0	37·2	5	9·8	0
	April	0	0	2	8	20	286·0	75	11·6	27	5·7	11	67·0	+7·8	54·0	1	8·1	—0·3
	May	0	0	0	3	28	327·6	79	11·7	3, 18	8·2	4	71·8	+3·0	65·6	5	7·3	—0·6
	June	1	1	5	8	15	246·8	60	11·9	6	0	29	78·0	+2·1	72·0	2, 10	4·1	—0·3
	July	2	11	8	6	4	137·8	33	12·1	4	0	20, 28	75·9	+0·7	71·0	17	2·4	—0·6
	August	2	12	11	4	2	124·4	41	11·2	19	0	15, 16	74·7	+2·0	72·0	30	1·2	—2·0
	September	1	3	3	4	19	257·4	70	11·4	27	0	13	66·4	—0·7	60·8	28	4·9	—0·2
	October	0	0	0	3	28	314·4	91	10·9	15	8·0	2	60·1	+5·1	48·2	28	6·4	—2·7
	November	0	1	1	0	28	297·8	92	10·8	9	2·8	5	42·9	—0·2	32·5	14	9·5	—1·1
	December	1	2	2	6	20	259·7	80	10·1	16, 18	0	8	42·7	+6·0	29·3	15	7·7	—3·0
	Year	7	32	38	52	241	3124·4	72	12·1	VII	0	5 months	59·3	+2·7	26·1	I	6·5	—1·5
BOMBAY— Lat. 18° 54′ N. Long. 72° 49′ E.	January	0	0	0	1	30	295·0	85	9·8	14	8·9	30	57·4	—1·4	49·0	17	..	..
	February	0	0	0	0	28	266·3	82	10·1	26	9·0	11	59·7	—0·2	55·1	12	..	..
	March	0	0	0	27	4	254·8	68	9·8	4	6·2	27	64·3	—1·1	56·1	5	..	..
	April	0	0	0	12	18	277·2	74	10·7	26	7·0	9	71·8	+0·7	65·0	2	..	..
	May	0	0	1	6	24	301·7	81	10·9	9	3·1	29	73·8	—2·6	68·3	6	..	..
	June	5	14	7	4	0	76·6	21	8·5	17	0	5 days	75·5	—1·3	71·0	19	..	..
	July	17	6	6	2	0	51·7	12	6·8	15	0	17 days	75·3	0	71·8	9	..	..
	August	4	19	5	3	0	82·9	20	7·3	9	0·6	18	73·0	—1·4	64·0	4, 17	..	..
	September	1	10	8	11	0	132·6	35	7·8	23	0·1	5	69·2	—4·2	62·0	9	..	..
	October*	0	0	1	25	4	245·6	72	9·5	29	6·0	11	70·6	0	65·2	25, 31	..	..
	November†	3	5	0	8	8	149·0	55	10·0	22	1·1	10	68·8	+3·9	61·3	2	..	..
	December‡	0	1	2	10	8	162·9	70	10·0	15	4·6	27	65·3	+4·8	59·6	30	..	..
	Year	30	55	30	109	124	2296·3	56	10·9	V	0	VI, VII	68·7	—0·3	49·0	I	..	..
POONA— Lat. 18° 32′ N. Long. 73° 51′ E.	January	0	0	0	0	31	351·8	91	10·7	4	9·5	5	44·4	..	36·1	8	6·0	..
	February	0	0	0	2	26	281·9	87	10·8	2	7·3	15	47·9	..	30·2	2	8·8	..
	March	0	0	0	1	30	313·3	90	10·7	23, 31	8·5	11	56·6	..	48·5	5	6·1	..
	April	0	0	0	7	23	299·8	80	11·7	28	7·3	14	60·6	..	54·9	11	8·3	..
	May	0	2	2	3	24	303·3	75	11·8	12, 14, 15	0·9	31	66·7	..	62·5	17	5·4	..
	June	2	13	5	8	2	121·2	30	10·0	7	0	1,28	69·6	..	64·0	29	3·8	..
	July	11	6	8	6	0	82·9	20	7·4	12	0	11 days	68·6	..	62·9	31	2·8	..
	August*	4	15	10	1	0	75·2	11	7·0	27	0	4 days	68·6	..	65·0	28	2·1	..
	September	2	5	11	7	5	162·1	44	10·3	7	0	9, 24	66·5	..	61·2	15	2·9	..
	October	0	1	4	14	12	260·5	72	10·5	24	2·8	7	63·2	..	50·8	27	3·4	..
	November	4	6	3	8	9	172·0	51	10·2	14	0	4 days	60·7	..	41·5	24	4·4	..
	December	2	0	4	15	10	237·7	69	9·9	6	0	9, 10	57·4	..	48·6	26	3·6	..
	Year	25	48	47	72	172	2,661·7	60	11·8	V	0	6 months	60·9	..	30·2	II	4·8	..

* Observations of bright sunshine for 30 days. † Observations of bright sunshine for 24 days.
‡ Observations of bright sunshine for 21 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 13 Stations during each month and the year 1946—*concld.*

Station, Latitude and Longitude.	Month.	Bright sunshine. No. of days with duration. Nil or trace.	0·1 to 3 hours.	3·1 to 6 hours.	6·1 to 9 hours.	Above 9 hours.	Total hours for the month or year.	Percentage of possible hours of Sunshine in the month or year.	Duration in the month or year. Maximum. Hour.	Maximum. Date.	Minimum. Hour.	Minimum. Date.	Nocturnal radiation temperature (1¼" above ground). Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shade.	Departure from Normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
BANGALORE— Lat. 12° 58′ N. Long. 77° 35′ E.	January*	0	1	0	5	24	282·0	82	10·6	28, 30	0·2	20	51·6	−3·2	43·8	26	3·7	+0·8
	February	0	0	1	6	21	266·3	81	11·0	8	4·9	17	58·5	+1·9	48·2	1	2·8	−0·8
	March	0	0	2	9	20	284·7	76	10·9	11, 12	5·4	25	64·1	+2·9	53·5	12	3·4	−0·8
	April	0	0	2	16	12	254·6	68	10·7	4 days	5·8	15, 25	68·8	+2·3	64·6	11	1·8	−0·9
	May	0	0	2	13	16	281·8	71	11·7	17	4·7	24	65·6	−1·8	63·5	29	3·6	+2·1
	June	3	8	9	6	4	134·2	35	11·1	2	0	7, 12, 13	66·7	+0·8	64·8	21	1·1	+0·2
	July	5	12	10	2	2	102·5	26	9·5	12	0	5 days	65·6	+0·5	62·1	28	0·9	+0·1
	August	1	19	8	2	1	91·6	24	10·0	28	0	14	65·6	+0·8	63·6	28	0·8	−0·1
	September	0	5	9	14	2	181·5	50	10·0	13	0·1	3	64·5	+0·1	61·1	16	1·3	+0·3
	October	1	4	10	13	3	177·8	48	9·9	13	0	16	64·9	+2·0	61·2	15	2·0	−0·1
	November	3	10	8	8	1	125·2	33	8·6	20	0	1, 2, 8	63·8	+4·7	56·0	6	1·7	−1·0
	December	6	8	4	6	7	140·1	40	9·9	13	0	6 days	59·9	+4·5	49·2	24	2·0	−0·8
	Year	19	67	65	100	113	2,322·3	53	11·7	V	0	6 months	63·3	+1·4	43·8	I	2·1	−0·1
TRIVANDRUM— Lat. 8° 30′ N. Long. 76° 59′ E.	January	0	0	1	9	21	284·3	79	10·6	5 days	3·7	20	..	..	..	..	..	..
	February	0	0	1	4	23	271·3	81	10·7	1, 10	4·6	3	..	..	..	..	..	..
	March	1	0	4	11	15	256·4	69	11·4	7	0	28	..	..	..	..	..	..
	April	1	0	4	16	9	238·5	65	10·6	2	0	28	..	..	..	..	..	..
	May	2	1	3	15	10	235·3	61	11·4	16	0	28, 31	..	..	..	..	..	..
	June	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	July	2	8	7	9	5	162·3	42	11·7	29	0	3, 12	..	..	..	..	..	..
	August	1	11	5	8	6	163·5	43	11·6	3	0	7	..	..	..	..	..	..
	September	0	0	7	12	11	235·1	65	11·2	18	3·6	4	..	..	..	..	..	..
	October	0	7	8	12	4	183·3	50	10·3	11	0·7	13	..	..	..	..	..	..
	November	5	8	8	5	4	115·6	33	10·5	20	0	5 days	..	..	..	..	..	..
	December	3		6	6	10	183·1	51	11·0	20	0	1, 2, 24	..	..	..	..	..	..
	Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MADRAS— Lat. 13° 04′ N. Long. 80° 15′ E.	January	1	0	5	2	23	277·1	78	11·1	28, 30; 31	0	20	60·6	−4·8	55·8	9	4·6	+2·0
	February	0	0	0	1	27	294·2	90	11·2	22, 24, 28	8·9	25	55·3	−0·7	59·7	1	4·0	+1·4
	March	0	0	1	3	27	319·6	85	11·3	19	5·7	15	70·1	+0·5	62·2	10	4·4	+2·1
	April	0	0	0	6	24	308·2	83	11·8	16	7·5	12	75·0	−0·9	69·1	7	4·1	+2·5
	May	1	0	5	3	22	288·8	73	11·9	17, 18	0	27	78·7	−1·0	70·2	8	3·9	+2·5
	June	4	4	5	12	5	175·6	45	11·7	2	0	4 days	76·7	−3·4	72·7	21	4·1	+3·1
	July	5	6	7	7	6	155·4	39	11·2	14	0	5 days	75·7	−2·0	69·0	17	3·8	+2·7
	August	2	7	8	8	6	171·5	44	11·4	28	0	9, 10	74·8	−1·8	72·2	21	3·3	+2·3
	September	0	1	2	17	10	251·3	69	11·3	6	0·3	9	73·2	−2·7	70·0	16	3·1	+2·2
	October	3	6	6	7	9	182·1	50	10·6	14	0	16, 18, 19	73·3	−0·4	70·5	20	2·6	+1·6
	November	7	2	3	10	8	170·9	49	10·5	19	0	7 days	72·2	+1·7	68·6	23	2·8	+1·3
	December	7	10	2	6	6	123·6	35	10·3	19	0	7 days	69·2	+1·9	61·2	23	2·9	+1·1
	Year	30	36	44	82	173	2,718·3	62	11·9	V	0	8 months	72·1	−1·1	55·8	I	3·6	+2·0
KODAIKANAL— Lat. 10° 14′ N. Long. 77° 28′ E.	January	2	1	3	5	20	249·0	69	10·2	5 days	0	21	34·6	−3·3	26·8	9	11·9	+4·6
	February	0	1	7	8	12	214·7	65	10·9	23	0·7	6	37·3	−0·6	30·9	12	9·5	+2·1
	March	0	2	4	16	9	225·7	60	10·4	7	0·4	28	41·9	+1·0	27·8	7	8·8	+2·5
	April	0	1	7	16	6	222·6	60	10·7	22	2·5	30	45·6	+0·6	40·2	3	7·5	−1·2
	May	0	6	8	14	3	183·9	47	11·0	29	1·3	27	46·7	−0·9	39·2	17	9·3	+3·8
	June	4	14	4	5	3	103·9	27	10·5	4	0	4 days	48·6	0	41·0	11	5·1	+1·3
	July	3	8	10	5	5	140·8	36	10·5	29	0	4, 5, 20	46·5	−2·0	41·0	26, 27	6·2	+3·5
	August	4	19	6	2	0	72·0	19	8·3	3, 26	0	5, 7	48·9	+1·0	44·1	2, 3	3·8	+0·6
	September	2	11	11	6	0	113·3	31	8·4	12	0	3, 4	46·9	−0·5	37·9	16	5·8	+2·7
	October	0	14	11	6	0	111·7	30	8·9	6	0·2	29	46·6	+0·2	41·5	5	4·8	+1·1
	November	3	17	9	1	0	68·2	19	7·1	20	0	1, 2	46·2	+1·5	35·0	20	4·5	+0·1
	December	10	7	3	8	3	103·6	29	10·3	23	0	6 days	44·7	+4·2	30·0	12	5·3	−1·5
	Year	28	101	83	92	61	1,189·4	41	11·0	V	0	7 months	44·5	+0·1	26·8	I	5·1	+0·1

* Observations of bright sunshine for 30 days.

Table VIII.—Mean hourly wind velocity in miles per hour at 13 stations for the year 1946.

Month. \ Hours (I. S. T.).	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
										*CALCUTTA (87 FEET).														
January	0·2	0·3	0·5	0·5	0·4	0·6	0·6	0·8	1·8	2·5	4·0	4·5	4·4	4·3	3·8	3·2	2·5	0·5	0	0	0	0·1	0·2	0·1
February	1·5	1·5	1·4	1·1	0·7	0·6	0·8	1·4	2·1	2·3	2·2	3·8	4·3	4·5	4·5	3·9	3·5	2·7	1·8	3·1	2·7	2·7	2·2	1·9
March	4·0	3·7	4·0	4·1	3·9	3·5	3·2	3·0	4·6	5·7	5·8	3·0	3·3	6·8	7·4	7·7	7·9	6·7	5·4	5·4	4·6	4·9	4·8	4·4
April	5·0	5·2	5·1	4·0	3·8	3·8	4·1	4·9	6·2	6·0	7·1	7·3	8·1	8·9	9·6	10·1	9·8	8·7	8·3	7·4	7·0	6·7	6·4	5·2
May	8·3	6·4	5·8	6·3	5·9	5·4	5·7	6·8	7·9	8·2	9·6	9·3	10·3	*10·1*	*10·7*	11·9	11·5	10·7	9·5	9·6	9·5	8·4	7·0	7·2
June	5·7	5·4	4·9	4·5	4·8	4·5	5·0	5·6	5·9	6·3	6·5	7·1	8·0	9·0	9·4	9·6	10·0	9·0	7·7	6·7	6·7	5·5	5·4	5·2
July	5·1	5·3	5·2	5·1	4·9	*4·3*	*4·6*	*6·5*	*6·9*	*7·2*	8·6	8·7	9·4	10·1	9·4	9·5	9·5	9·3	7·8	6·8	5·8	6·3	5·9	5·7
August	*4·1*	*4·0*	*4·0*	*4·2*	*4·7*	*3·9*	*4·4*	*6·0*	*5·8*	*6·3*	*6·8*	*7·4*	*8·3*	*8·5*	8·2	*7·9*	*7·5*	*6·6*	*5·6*	*5·6*	*5·7*	*5·4*	*5·7*	*4·8*
September	3·3	2·8	2·9	2·7	3·3	2·4	2·5	3·9	5·4	6·2	*7·0*	*7·2*	*7·9*	7·4	7·4	6·5	6·3	4·5	4·0	3·6	3·6	3·3	3·2	3·2
October	2·3	2·8	2·5	2·7	3·1	2·8	3·2	3·7	5·0	5·5	6·2	6·4	6·9	7·0	7·0	6·8	6·5	4·7	3·1	3·5	2·5	2·5	2·9	2·3
November	1·9	2·6	2·2	2·3	2·4	2·5	2·6	2·5	3·3	4·3	4·4	4·3	4·5	4·8	5·3	5·4	4·3	2·5	0·9	0·9	1·2	1·7	1·5	1·8
December	1·5	2·0	2·5	3·2	3·3	3·0	2·9	2·9	3·3	4·0	*5·6*	*5·6*	*6·0*	5·9	6·7	6·5	5·9	1·9	1·0	1·0	1·0	1·3	1·2	1·3
Year	3·6	3·5	3·4	3·4	3·4	3·1	3·3	4·0	4·9	5·4	6·1	6·2	6·8	7·3	7·1	7·4	7·1	5·7	4·6	4·5	4·2	4·1	3·9	3·6
										SAUGOR ISLAND (51 FEET).														
January	0·2	0·3	0·3	0·7	0·7	0·9	0·5	0·8	1·8	2·4	3·0	3·4	3·4	2·5	2·3	1·2	0·3	0	0	0	0	0·1	0·1	0·1
February	*2·8*	*3·3*	*2·5*	*2·2*	*2·2*	*2·1*	*2·0*	*3·4*	*4·1*	*5·0*	*5·6*	*6·8*	*7·1*	*7·7*	*7·5*	*2·7*	*5·1*	*3·7*	*2·2*	*2·3*	*2·3*	*2·9*	*2·7*	*2·5*
March	9·0	9·5	8·8	8·4	7·2	8·5	8·4	9·3	9·5	10·0	9·4	9·5	8·8	8·5	9·4	1·3	1·7	6·2	10·0	9·2	10·0	10·2	10·0	9·1
April	7·4	6·0	6·1	7·5	6·5	6·4	10·2	8·4	9·6	9·5	10·2	10·9	11·3	12·5	11·5	11·7	11·8	11·3	11·0	9·3	10·7	9·3	10·0	7·7
May	10·8	10·0	10·1	10·0	10·3	10·5	11·1	16·5	11·8	12·2	11·5	11·3	11·5	11·7	12·1	12·9	12·4	10·9	11·3	11·7	10·8	11·8	11·4	11·1
June	*12·5*	*12·1*	*13·7*	*11·7*	10·5	9·0	8·9	9·0	8·3	8·9	9·8	10·2	10·0	10·9	11·2	11·8	11·1	10·5	10·0	10·0	9·3	10·2	12·8	12·3
July	*11·0*	*10·6*	*10·9*	*12·2*	*12·7*	*11·3*	*10·9*	11·5	11·7	11·8	12·1	11·7	11·2	11·9	11·3	11·7	11·7	13·0	10·6	10·1	11·4	11·6	11·1	11·2
August	9·7	*10·7*	*10·4*	*9·8*	*9·0*	*6·9*	*7·2*	7·8	9·0	9·1	7·1	7·8	8·3	8·4	9·1	8·7	9·5	*8·2*	*8·5*	*8·5*	*9·6*	10·6	*12·2*	11·3
September	4·8	4·3	4·0	3·3	3·8	3·9	4·2	4·0	4·3	4·5	4·8	4·6	5·4	5·0	4·8	4·4	3·8	3·6	4·4	4·4	5·1	5·1	5·1	2·0
October	2·6	*2·7*	*2·1*	2·4	2·7	2·7	2·9	3·7	3·6	4·7	5·1	4·2	4·3	4·0	3·3	2·6	2·2	2·0	1·6	2·0	1·5	1·5	2·4	2·2
November	*0·7*	*0·8*	*0·6*	*0·7*	*0·6*	*0·3*	*0·3*	*1·5*	*2·6*	*2·8*	*2·1*	2·5	2·4	1·8	1·8	*0·8*	0·2	0·3	0·2	0·2	0·3	0·3	0·3	0·5
December	0·8	1·2	1·0	1·3	1·3	1·0	1·5	3·2	4·1	5·1	5·1	4·5	4·1	4·7	3·5	1·7	0·7	0·6	0·5	0·3	0·4	0·6	0·7	0·6
Year	5·9	6·0	5·9	5·9	5·6	5·3	5·7	6·6	6·7	7·2	7·1	7·3	7·3	7·5	7·3	6·0	5·9	5·9	5·9	5·7	6·[illegible]	6·2	6·6	5·9
										JAMSHEDPUR (50 FEET).														
January	0·5	0·3	0·5	0·1	0·2	0·5	0·2	0·5	1·3	2·9	4·2	5·3	5·1	5·4	4·7	4·1	0·9	0·2	0·1	0·1	0·2	0·6	1·6	0·7
February	1·4	1·8	1·1	0·6	0·7	0·7	1·0	1·6	2·2	2·8	3·8	4·3	4·9	5·1	4·5	4·1	1·9	1·4	0·8	1·3	1·7	1·3	1·4	1·7
March	1·1	1·1	1·0	1·1	1·2	1·3	1·1	2·4	2·9	4·2	4·3	5·5	5·7	6·7	5·5	5·9	5·5	2·7	1·3	2·4	2·4	2·4	2·0	1·9
April	3·0	3·0	2·2	2·4	1·9	1·7	2·4	3·3	4·0	4·6	5·3	5·7	5·6	5·0	5·5	7·4	8·9	8·6	8·4	7·6	7·2	5·9	4·5	3·5
May	2·4	2·1	1·6	1·8	1·2	1·3	2·3	2·8	3·3	4·7	4·9	5·2	5·7	5·8	6·5	7·4	7·9	6·3	5·3	4·1	4·7	4·0	3·4	3·3
June	2·3	3·0	2·8	2·8	3·0	2·3	3·5	4·8	5·7	6·2	6·7	6·4	6·6	7·5	6·9	6·6	6·9	6·1	4·4	5·0	4·0	4·0	3·4	3·0
July	3·3	3·1	3·2	2·8	2·9	2·7	3·3	4·1	5·1	5·9	6·6	6·9	7·4	6·8	7·5	6·1	6·0	5·4	5·4	3·8	2·8	3·1	3·3	2·8
August	1·7	2·0	2·3	2·6	2·4	2·1	3·0	4·9	5·8	6·4	6·0	6·0	5·1	5·5	5·0	5·7	4·3	3·2	3·1	2·7	2·4	2·8	2·7	2·3
September	1·9	1·9	1·9	1·6	1·5	1·8	2·2	3·2	4·0	4·4	4·6	5·1	5·3	4·9	5·4	3·9	3·3	2·1	2·1	1·5	1·5	1·6	1·5	1·4
October	2·1	1·6	1·6	2·0	1·9	1·9	2·3	3·2	3·2	3·9	4·3	4·4	4·5	4·4	3·9	3·9	2·7	1·7	1·8	1·7	1·9	1·9	1·7	1·8
November	*1·3*	*1·3*	*1·2*	*1·6*	*1·3*	*1·4*	*1·6*	*2·4*	2·6	2·9	3·2	3·3	3·4	3·6	3·2	2·6	1·7	0·9	0·9	1·6	1·1	0·9	0·9	*1·1*
December	*1·1*	*1·1*	*1·3*	*1·5*	*1·6*	*1·7*	*1·8*	*2·3*	*2·5*	3·1	3·3	4·1	3·9	3·9	3·7	2·8	1·3	*0·7*	*0·9*	*1·1*	*1·2*	*1·2*	*1·3*	*1·3*
Year	1·8	1·9	1·7	1·7	1·7	1·6	2·1	3·0	3·5	4·3	4·8	5·2	5·3	5·4	5·2	5·0	4·3	3·3	2·9	2·7	2·6	2·5	2·3	2·1
										ALLAHABAD (BAMRAULI) (40 FEET).														
January	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March	3·0	3·2	2·3	2·6	2·7	2·1	2·2	3·3	4·3	5·7	7·9	8·5	10·0	10·1	9·3	9·3	9·0	5·3	2·6	2·5	1·9	3·5	3·5	3·1
April	3·2	3·6	3·2	4·2	3·7	3·3	4·0	5·0	7·0	7·2	6·7	6·7	7·1	8·0	8·3	7·6	6·7	5·2	4·3	4·4	3·6	3·3	3·6	3·4
May	2·8	2·0	2·9	3·6	2·6	2·9	4·1	5·7	5·5	6·3	8·7	9·3	8·6	8·2	7·9	7·8	8·0	6·6	4·7	3·9	4·4	3·7	3·3	3·4
June	3·0	3·3	4·0	3·8	3·7	3·7	5·7	5·8	6·8	5·1	7·0	7·2	7·0	7·2	7·5	7·6	7·3	6·0	4·1	4·1	4·9	4·4	3·1	3·5
July	2·6	2·9	3·2	3·0	2·9	2·7	3·3	4·6	5·3	5·3	5·9	6·2	5·5	5·7	6·1	6·1	5·8	3·9	3·3	2·6	2·9	2·9	2·8	2·6
August	2·8	2·6	2·5	2·7	2·5	1·0	4·1	5·2	5·5	6·0	6·5	6·4	6·3	6·5	6·0	6·0	5·1	3·9	3·0	1·6	3·1	2·3	3·1	2·8
September	3·6	3·6	3·7	3·5	3·4	3·5	4·0	5·3	6·4	7·0	7·5	7·5	7·6	7·5	7·7	7·3	5·4	3·5	3·1	3·6	3·6	3·7	3·6	3·6
October	1·9	2·0	2·0	2·0	2·2	2·2	2·5	3·6	4·3	4·3	5·5	5·6	5·8	6·5	5·9	5·4	4·0	2·5	2·2	2·4	2·6	2·5	2·1	2·0
November	1·5	1·7	1·6	1·7	1·7	1·7	1·6	1·9	3·2	3·6	4·4	4·9	5·0	4·7	4·4	3·7	2·3	1·3	1·3	1·6	1·6	1·6	1·8	1·3
December	1·7	2·2	1·8	2·1	1·4	1·4	1·7	2·2	3·2	3·9	4·6	5·9	6·1	6·0	5·5	4·9	2·3	2·2	2·1	1·6	1·8	1·4	1·7	1·7
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

"Figures in italics are means of data which are not available for a complete month."
* The hours in this case refer to L. M. T.

Table VIII.—Mean hourly wind velocity in miles per hour at 13 stations for the year 1946—*contd.*

Month. \ Hours (I.S.T.).	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
LAHORE (64 FEET).																								
January	3·0	3·1	2·9	3·1	3·0	2·9	2·8	2·7	2·5	2·9	3·8	4·2	4·9	5·0	4·8	3·9	3·4	1·5	1·5	1·8	2·1	2·1	2·6	3·0
February	2·5	3·5	3·6	3·4	3·1	3·1	3·0	2·7	3·0	3·4	4·6	4·9	4·8	5·4	5·2	4·9	4·1	2·8	2·3	2·5	2·0	2·1	1·8	2·5
March	3·2	3·5	4·0	3·2	3·2	3·5	3·2	3·2	4·0	4·2	5·2	5·8	5·6	5·6	5·7	5·4	4·3	3·0	2·0	2·3	2·4	2·7	2·6	3·0
April	2·6	2·2	2·6	2·2	3·0	1·9	2·2	2·8	3·1	4·0	3·9	3·2	3·3	2·9	3·1	2·5	2·5	1·7	1·2	1·1	2·3	2·2	2·6	2·4
May	2·2	2·4	2·4	1·9	2·1	2·4	3·0	3·1	4·4	4·7	4·2	4·4	4·3	3·8	3·0	2·7	2·5	2·1	2·0	1·8	1·9	2·1	2·8	1·8
June	3·7	3·2	3·5	3·0	3·0	3·4	3·4	4·1	4·5	3·5	4·3	4·4	3·9	4·0	3·6	3·1	2·2	1·7	1·6	1·9	2·5	2·8	2·5	3·4
July	3·0	3·7	2·9	3·6	3·3	3·2	3·3	3·3	3·7	3·0	4·1	3·5	3·6	3·0	3·2	2·7	2·0	1·7	1·8	1·7	2·2	2·9	2·8	2·9
August	1·4	1·3	1·2	1·0	1·0	1·0	1·5	1·8	2·4	2·4	2·2	2·3	2·7	1·7	2·4	1·9	2·1	1·9	1·2	0·9	1·1	1·3	1·3	1.2
September	0·3	0·3	0·2	0·1	0·2	0·1	0·3	0·8	1·3	2·0	1·7	1·4	1·5	1·6	1·8	1·5	1·0	0·2	0.9	0·3	0·2	0·2	0·3	0·3
October	..	..	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..
November	2·1	1·9	1·8	1·9	2·1	2·0	1·9	1·9	2·1	2·2	2·6	2·8	2·6	2·7	3·1	2·6	0·9	0·9	1·3	1·5	1·4	1·6	1·9	1·9
December	1·9	1·9	1·9	2·0	1·8	1·8	1·8	2·1	2·2	2·2	2·3	3·1	3·0	2·6	2·6	2·4	1·2	0·9	1·1	1·4	1·8	1·6	2·0	2·0
Year	..	..	..	..	.	..	..	..	..	.	.	..	.	..	..	..	..	..	..	..	..	..	..	..
PESHAWAR (46 FEET).																								
January	3·1	3·1	3·1	3·1	3·2	3·0	2·9	2·9	3·1	2·6	2·2	1·9	2·1	2·3	2·5	2·8	2·8	2·6	2·3	2·8	3·3	3·3	3·2	3·5
February	4·1	3·4	3·6	4·0	3·8	3·8	3·9	3·7	3·4	3·4	3·4	3·5	3·6	2·8	2·9	3·6	3·3	3·0	3·8	3·9	3·8	3·7	3·2	3·2
March	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April	3·6	3·6	3·1	4·1	3·7	3·9	4·0	3·7	3·0	3·5	3·7	4·3	5·0	4·9	4·9	5·8	5·3	4·0	3·3	4·1	4·6	4·2	4·0	4·4
May	2·2	2·2	2·3	2·2	1·5	1·5	1·2	1·1	1·2	1·9	2·9	3·6	3·5	3·7	4·2	4·2	4·2	3·8	3·4	2·5	2·4	2·4	2·3	3·2
June	1·4	1·3	1·0	1·2	1·1	1·2	1·1	0·9	1·8	1·8	3·2	3·1	3·1	2·8	2·7	3·6	4·4	4·4	4·5	3·2	2·5	1·8	1·9	1·7
July	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
August	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	.	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..
December	3·8	4·0	3·9	3·8	3·8	3·5	3·7	3·5	3·4	2·2	1·6	1·9	3·1	2·5	2·4	2·7	2·2	2·5	2·4	3·5	3·6	4·2	3·9	3·7
Year	..	..	..	..	..		..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
***BOMBAY (85 FEET).**																								
January	3·2	3·3	3·8	4·3	4·5	4·9	5·0	5·5	5·1	4·5	4·2	4·4	5·6	7·5	8·8	9·9	10·0	10·3	9·9	9·4	7·2	5·8	4·9	4·0
February	2·4	3·0	3·6	3·4	3·3	3·6	3·9	4·5	4·6	4·0	4·2	5·0	6·2	7·1	8·4	8·7	9·3	9·0	8·5	6·9	4·8	3·8	3·4	3·5
March	5·3	5·2	5·5	5·4	5·1	4·8	4·9	5·3	6·0	6·5	7·3	8·7	10·7	11·7	12·3	12·6	12·1	11·3	10·4	9·4	8·0	6·8	6·2	5·5
April	3·9	3·4	3·6	3·5	3·2	3·0	3·3	3·6	4·3	5·5	7·0	7·8	9·3	10·3	11·0	11·5	10·2	9·1	7·8	7·2	5·9	5·5	4·9	4·5
May	5·1	5·5	5·0	4·4	4·0	3·9	4·1	4·0	4·2	4·7	6·1	7·0	7·8	8·4	9·2	9·4	9·5	9·0	7·6	7·1	6·2	6·1	5·7	5·2
June	11·1	10·5	11·0	10·5	9·7	10·7	11·1	10·2	10·9	11·3	11·1	11·3	11·9	12·3	13·5	12·9	13·1	12·2	11·9	11·7	11·3	11·8	11·5	11·4
July	12·0	12·3	12·7	12·9	13·2	12·6	12·6	12·5	12·4	12·5	13·5	14·0	14·0	13·3	13·5	13·5	13·4	12·9	12·7	12·6	12·0	11·9	12·2	12·0
August	12·5	12·4	12·7	12·4	12·8	12·6	11·4	11·0	11·6	11·5	11·7	12·4	13·0	13·4	13·5	13·1	13·2	12·0	12·4	11·8	12·6	12·1	12·2	12·4
September	6·7	6·4	6·4	6·7	6·8	6·4	6·5	7·2	7·5	7·7	8·4	9·1	9·6	10·1	10·7	11·1	10·6	10·1	9·3	8·3	7·8	7·3	7·3	6·9
October	3·0	2·8	3·4	3·6	4·2	4·1	4·3	4·7	4·5	3·8	3·4	3·9	5·4	6·8	7·7	8·4	8·1	8·0	7·7	6·9	5·0	4·7	4·4	3·4
November	5·9	5·6	5·9	6·7	6·6	6·3	6·3	6·6	6·5	6·6	6·4	6·2	6·7	7·6	7·9	8·5	10·0	9·2	8·4	7·8	7·5	6·4	5·9	5·7
December	3·6	4·0	3·9	4·6	4·9	4·6	4·6	4·7	5·0	5·1	4·7	4·1	5·4	6·7	8·3	9·5	10·3	9·9	9·8	9·2	7·8	6·0	4·8	3·8
Year	6·2	6·2	6·5	6·5	6·5	6·5	6·5	6·7	6·9	7·0	7·3	7·8	8·8	9·6	10·4	10·8	10·8	10·3	9·7	9·0	8·0	7·4	6·9	6·5
POONA (130 FEET).																								
January	3·4	3·7	4·0	3·8	2·7	3·4	3·3	2·5	1·4	3·2	1·8	6·3	5·7	5·4	6·2	5·6	5·6	4·8	4·6	4·4	4·6	3·8	3·6	4·4
February	4·5	4·5	4·6	4·0	3·6	3·5	3·3	2·4	1·7	2·9	4·0	5·4	6·2	7·3	6·7	6·2	5·5	5·6	5·0	5·6	4·4	4·3	3·9	4·0
March	3·0	3·2	3·1	2·6	3·2	2·8	2·5	2·3	1·6	3·1	4·0	3·6	5·9	5·9	7·6	7·8	8·5	10·4	9·9	8·5	5·8	4·8	4·3	3·8
April	5·9	5·7	5·2	4·4	4·5	4·2	3·9	2·8	3·[illegible]	4·6	5·9	6·3	4·0	4·5	9·6	11·3	12·1	12·3	12·1	10·2	8·9	6·9	6·6	6·4
May	7·9	7·7	7·3	6·5	6·4	5·9	5·3	7·6	8·4		9·5	10·2	11·6	11·7	13·1	14·6	14·4	14·6	13·2	11·0	9·9	9·6	7·6	7·9
June	7·6	6·2	6·0	5·9	5·1	5·4	5·0	6·3	9·3	11·[illegible]	11·9	13·0	13·5	14·3	14·7	14·5	14·6	14·5	11·7	9·6	9·4	8·0	6·9	7·0
July	7·7	8·1	8·4	7·7	8·3	8·3	9·4	10·4	11·6	12·6	14·0	14·5	14·3	14·9	15·4	15·0	13·8	13·0	11·0	9·9	8·7	8·7	8·3	8·4
August	7·4	7·7	8·0	7·8	8·2	8·1	8·0	7·8	10·4	11·8	12·4	13·6	14·1	12·8	14·0	13·5	12·9	12·2	9·9	8·6	8·9	8·1	7·6	7·8
September	4·7	4·1	3·7	4·2	3·4	3·8	3·5	4·0	5·4	7·6	7·6	8·5	8·5	9·4	9·8	11·5	10·7	9·5	8·7	7·5	6·3	6·2	5·1	4·5
October	5·5	4·6	4·4	4·6	5·4	4·7	4·4	3·6	2·8	4·8	6·8	7·8	8·4	7·9	8·1	9·7	9·7	8·7	7·4	6·8	5·1	6·0	5·3	6·3
November	3·5	4·0	3·6	4·1	4·2	3·8	4·0	3·9	5·7	7·7	8·7	8·9	8·2	8·6	7·9	7·9	6·4	5·7	5·8	5·5	3·7	4·3	4·2	4·6
December	2·8	2·5	3·0	2·7	2·9	2·9	2·5	1·9	2·0	3·3	4·6	5·0	6·3	5·5	5·3	5·2	4·2	4·3	4·0	2·6	2·8	2·8	3·1	3·0
Year	5·3	5·2	5·1	4·9	4·8	4·7	4·6	4·6	5·3	6·8	7·9	8·8	8·9	9·0	9·9	10·2	9·9	9·6	8·6	7·5	6·5	6·1	5·5	5·7

* The hours in this case refer to L. M. T.

Table VIII.—Mean hourly wind velocity in miles per hour at 13 stations for the year 1946—*contd.*

Month. / Hours (I.S.T.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
HYDERABAD (BEGUMPET) (47 FEET).																								
January	0·2	0·5	0·3	0·5	0·4	0·2	0·2	0	0·4	2·1	4·0	5·6	5·6	5·6	5·2	4·9	4·7	3·9	3·0	2·3	1·2	0·7	0·4	0·2
February	1·5	1·4	1·2	0·8	0·4	0·4	0·8	0·5	1·1	2·6	3·9	4·9	5·5	5·7	5·3	5·1	4·6	4·2	3·0	2·5	1·7	1·1	0·9	1·5
March	2·1	1·6	1·6	1·4	1·4	1·3	1·5	1·7	2·8	4·3	6·0	5·9	5·7	5·6	5·5	5·2	4·6	4·2	3·4	3·4	2·5	2·5	2·7	2·1
April	4·3	3·4	3·7	2·6	1·8	2·4	1·8	3·3	3·9	4·5	5·1	5·3	4·5	4·8	4·8	5·3	5·9	4·8	4·4	2·3	2·1	3·5	4·6	4·1
May	7·0	7·8	8·1	8·3	7·5	7·5	7·3	8·5	9·6	9·9	9·4	8·7	8·3	8·1	7·8	8·2	7·4	6·0	4·5	3·5	4·9	4·5	4·4	5·5
June	10·8	10·7	10·7	10·0	9·9	9·7	9·6	10·3	11·7	12·1	12·9	12·6	11·9	11·5	10·8	10·3	10·4	9·4	9·6	9·6	8·8	9·1	10·5	10·5
July	12·2	12·3	12·5	11·7	11·8	11·6	11·4	12·3	13·0	14·4	14·6	13·0	14·0	13·1	12·5	13·3	11·8	10·1	9·5	8·6	8·6	9·1	10·5	12·1
August	10·8	11·6	12·0	11·8	10·6	10·5	10·3	11·3	12·0	13·0	13·3	12·8	12·2	11·8	10·9	11·4	9·6	8·3	7·4	6·6	6·9	7·1	8·0	9·4
September	4·2	4·5	4·8	4·3	3·9	3·8	4·1	4·6	5·0	5·3	5·9	6·1	6·5	6·2	7·7	6·9	5·8	4·5	3·5	1·9	2·1	2·0	2·3	3·1
October	1·3	1·1	0·6	1·1	1·2	1·2	0·7	1·3	3·1	4·6	6·0	6·6	7·0	6·8	6·5	6·8	5·7	4·7	3·5	2·9	2·3	1·6	1·8	1·6
November	3·0	3·0	2·5	2·2	2·6	2·5	2·4	3·1	4·8	5·3	6·4	6·6	6·7	6·0	5·6	5·3	5·1	5·1	4·5	4·8	4·6	4·2	3·5	3·1
December	0·7	0·7	0·7	0·6	0·6	1·1	0·9	1·0	1·9	3·9	5·2	6·2	6·1	6·0	5·6	5·2	5·0	4·2	2·7	2·3	1·7	1·2	1·4	0·9
Year	4·8	4·9	4·9	4·6	4·3	4·3	4·3	4·8	5·8	6·8	7·7	7·9	7·8	7·6	7·3	7·3	6·7	5·8	4·9	4·2	3·9	3·9	4·3	4·5
***BANGALORE (55 FEET).**																								
January	7·2	6·9	6·5	6·5	6·4	5·9	5·4	6·7	9·3	11·2	11·4	11·2	11·0	10·8	10·4	10·1	9·7	8·0	6·7	7·1	8·0	7·9	7·5	7·1
February	9·4	8·6	8·0	7·9	7·4	7·3	6·6	7·3	8·3	10·3	11·5	10·2	9·5	9·2	9·1	9·1	8·0	8·2	6·9	7·5	9·3	10·0	9·7	10·6
March	7·9	7·2	6·7	6·1	5·8	5·2	5·2	6·5	7·3	9·5	10·3	9·4	9·6	9·5	9·2	9·3	9·1	8·8	7·3	8·3	9·2	9·4	9·2	8·6
April	7·0	7·0	6·3	6·2	5·1	4·9	5·2	6·4	6·7	7·2	6·4	6·1	6·5	6·4	7·3	8·5	7·3	6·9	6·2	6·8	6·2	6·8	8·0	7·0
May	9·8	9·6	9·4	8·7	8·5	9·1	9·9	11·2	12·2	11·5	11·9	10·3	9·3	8·6	8·5	8·4	7·6	6·5	5·1	7·1	8·3	9·5	9·6	9·3
June	11·8	12·1	12·6	11·8	11·8	11·5	12·7	14·6	16·0	17·8	20·7	20·2	19·1	19·4	18·8	18·2	17·2	16·8	15·5	14·1	13·5	12·8	11·9	11·9
July	11·0	11·1	11·4	10·8	11·4	11·4	12·4	13·1	15·3	16·4	19·1	17·5	17·9	17·4	16·5	16·4	15·3	13·9	13·3	12·0	11·2	11·7	11·4	10·8
August	11·4	11·4	11·7	11·5	10·9	11·4	11·5	11·9	14·2	15·9	17·4	16·8	16·6	16·9	16·6	15·7	15·2	13·5	12·3	11·8	11·3	11·7	12·0	11·8
September	7·2	7·1	7·4	7·0	6·6	6·2	6·7	7·8	9·6	10·0	10·5	10·1	10·0	9·7	9·2	8·9	8·5	8·2	6·7	6·6	6·9	6·5	7·3	7·2
October	5·9	5·6	5·4	5·5	5·4	5·2	5·5	6·1	7·6	8·3	8·9	7·9	7·9	7·7	8·0	8·2	7·4	5·8	4·8	4·4	4·5	4·9	4·7	5·4
November	6·9	7·0	6·7	6·6	6·8	6·4	6·6	7·7	9·2	9·6	8·8	9·9	9·3	8·1	8·5	8·1	7·1	5·2	5·2	6·2	6·8	7·5	7·6	7·7
December	8·4	7·9	7·5	7·0	6·5	6·1	6·3	7·3	10·0	10·6	11·3	10·4	10·3	10·1	9·4	9·5	8·3	7·6	7·7	8·4	8·9	8·5	8·2	9·0
Year	8·7	8·5	8·3	7·9	7·7	7·5	7·8	8·9	10·5	11·5	12·3	11·7	11·4	11·1	11·0	10·9	10·1	9·1	8·1	8·4	8·7	8·9	8·9	8·9
MADRAS (117 FEET).																								
January	7·9	8·5	8·3	7·7	6·5	8·0	7·5	7·5	8·0	9·0	11·5	10·2	10·6	10·7	11·1	11·0	10·5	11·0	11·2	10·7	10·5	10·4	10·1	10·3
February	7·9	7·3	5·7	5·3	5·0	4·5	4·6	4·6	4·8	5·9	6·5	8·2	9·6	9·7	10·1	10·5	10·3	9·8	10·0	9·8	9·7	9·1	8·7	8·7
March	6·9	6·3	5·1	5·1	5·0	4·9	4·8	5·7	6·6	7·3	8·5	9·5	10·0	10·9	10·8	11·1	11·1	10·3	9·6	9·6	8·7	8·8	8·4	7·6
April	6·1	5·3	4·9	4·2	4·3	4·2	3·8	5·1	6·5	7·3	7·9	9·6	10·3	10·7	10·9	10·7	10·6	10·1	9·5	9·1	8·9	8·2	7·7	6·9
May	9·6	9·7	9·3	9·0	7·7	6·9	7·5	8·4	8·5	8·0	8·3	8·6	9·7	9·9	10·2	10·0	9·9	9·5	8·1	10·5	10·1	10·1	10·0	9·6
June	5·5	5·5	5·8	6·5	5·9	5·7	6·1	7·9	8·5	9·4	9·7	8·9	8·7	9·1	9·1	8·4	8·1	9·4	8·5	9·1	7·8	6·6	5·9	5·6
July	8·7	8·3	7·5	7·0	7·6	7·5	7·2	8·4	9·7	10·9	12·1	11·9	1·3	11·3	10·1	9·5	9·2	8·3	8·2	8·2	7·7	7·8	8·6	8·4
August	6·6	6·6	7·3	6·3	6·1	5·3	5·3	7·0	7·8	8·8	9·1	9·8	8·6	8·8	8·3	9·2	7·5	7·5	6·7	6·3	6·0	6·0	5·1	6·2
September	6·5	7·9	6·9	5·7	5·3	5·7	6·6	7·5	8·6	8·5	8·7	10·0	10·3	9·6	10·3	9·9	8·2	7·9	7·2	5·9	6·6	6·2	6·3	5·9
October	6·1	6·0	5·3	6·1	6·0	5·5	5·7	5·7	7·2	7·5	7·2	8·9	9·5	7·4	9·6	10·6	8·7	7·9	8·3	8·2	7·4	8·1	7·3	8·1
November	9·4	8·7	7·8	8·4	7·8	8·9	7·8	7·7	8·1	8·1	7·4	8·1	9·1	8·8	9·3	9·0	9·3	9·1	9·0	9·9	9·9	9·5	9·9	8·9
December	8·1	7·6	8·4	8·5	9·2	9·1	9·4	9·3	11·5	10·5	10·6	12·1	12·6	12·7	12·6	12·8	12·4	12·2	12·0	11·0	11·7	10·8	10·3	9·3
Year	7·4	7·3	6·9	6·7	6·4	6·3	6·4	7·1	8·0	8·3	9·0	9·7	10·0	10·0	10·2	10·2	9·7	9·4	9·0	9·0	8·7	8·5	8·2	8·0
VIZAGAPATAM (57 FEET).																								
January	0·4	0·6	0·6	0·7	0·5	0·5	0·6	0·6	1·1	1·7	3·4	4·2	4·6	4·5	4·0	3·4	2·0	0·8	0·7	0·5	0·5	0·4	0·4	0·4
February	0·2	0·3	0·3	0·1	0·3	0·4	0·1	0·1	0·4	1·8	3·3	4·0	6·6	4·4	4·5	3·9	2·9	1·9	1·3	1·4	0·7	0·4	0·2	0·4
March	*1·1*	*1·0*	*1·1*	*1·1*	*0·7*	*0·8*	*0·9*	*1·4*	*1·9*	*3·4*	6·0	6·5	6·8	6·3	6·0	4·9	3·5	2·7	2·1	1·7	1·6	1·6	*1·6*	*1·4*
April	*2·6*	*2·8*	*2·3*	*2·1*	*2·1*	*2·0*	*2·4*	*2·9*	*3·4*	4·7	6·1	6·9	6·9	7·1	6·3	*5·5*	*4·1*	*3·4*	*3·0*	*3·1*	*3·1*	*3·1*	*2·8*	*2·5*
May	3·6	3·8	4·2	6·8	3·6	3·6	4·7	5·0	5·1	6·7	7·5	8·3	8·4	8·6	8·5	6·6	5·5	4·3	3·5	3·4	3·5	3·2	2·9	3·3
June	*5·4*	*5·4*	*4·7*	*5·2*	*4·8*	*4·2*	*4·5*	*4·7*	*5·5*	*6·1*	7·1	7·3	7·5	8·2	8·4	8·3	7·4	6·2	4·5	4·6	4·3	4·5	4·6	5·0
July	*4·5*	*4·5*	*4·8*	*4·6*	*4·4*	*4·3*	*5·3*	*5·3*	*5·4*	*5·6*	*6·5*	*6·9*	*6·5*	*6·9*	*7·0*	*6·9*	*6·3*	*5·5*	*5·1*	*4·2*	*4·3*	*4·2*	*4·0*	*4·2*
August	3·8	3·7	3·4	*3·2*	*3·3*	*3·1*	*3·1*	*4·2*	*5·7*	*6·2*	*6·4*	*6·9*	*7·2*	*6·9*	*6·5*	6·9	5·5	4·4	3·7	3·7	3·3	3·1	3·2	4·0
September	*0·6*	*0·7*	*0·7*	*0·9*	*0·7*	*0·7*	*1·3*	*1·9*	*3·0*	*3·5*	4·9	5·8	5·6	5·9	*5·8*	*4·8*	*4·0*	*2·8*	*1·4*	*0·8*	*1·2*	*0·9*	*0·7*	*0·8*
October	1·0	*1·0*	*1·4*	*1·4*	*1·4*	*1·2*	*1·5*	*1·9*	*3·1*	*4·3*	5·4	6·9	6·1	6·0	5·6	4·8	*4·4*	*3·2*	*2·8*	*2·1*	*1·9*	*1·5*	*1·5*	1·3
November	1·7	2·1	2·1	2·5	2·5	2·9	2·9	3·6	4·2	5·1	5·8	6·0	6·2	5·8	5·7	5·2	4·9	4·6	3·6	3·3	2·8	2·8	2·4	1·8
December	2·5	2·5	2·8	*2·9*	*2·5*	*2·5*	*2·6*	*3·0*	*4·5*	*5·4*	*7·0*	*7·4*	*7·7*	*7·6*	*7·3*	*6·8*	*5·9*	*4·8*	*4·3*	*4·2*	*3·7*	*3·5*	*3·1*	*2·9*
Year	2·3	2·4	2·4	2·4	2·2	2·2	2·5	2·9	3·6	4·5	5·8	6·3	6·7	6·5	6·3	5·7	4·7	3·7	3·0	2·7	2·6	2·4	2·3	2·3

Figures in italics are means of data which are not available for a complete month.
* The hours in this case refer to L. M. T.

Table VIII.—Mean hourly wind velocity in miles per hour at 13 stations for the year 1946—*concld.*

Month / Hours (I.S.T.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
										KODAIKANAL (49 FEET).														
January	5·5	5·5	5·5	6·1	6·1	6·1	6·4	6·7	6·7	6·3	6·7	7·1	6·9	5·8	4·3	3·6	3·5	3·0	4·5	4·9	4·8	5·6	6·1	5·9
February	5·9	5·9	6·0	5·9	6·2	6·5	6·4	6·7	7·0	7·3	6·8	6·5	5·9	5·9	4·9	4·1	3·8	3·3	4·2	3·9	4·0	3·8	4·4	5·1
March	6·6	6·6	6·7	7·1	7·6	7·1	7·6	7·7	8·3	8·5	8·6	7·3	7·2	6·7	5·9	5·9	4·8	4·4	4·3	5·5	6·2	5·2	6·4	6·8
April	3·4	4·3	4·4	4·8	4·4	4·5	4·8	5·5	5·7	6·4	6·2	5·4	5·3	4·8	3·8	3·3	3·2	2·2	2·4	3·3	3·3	3·3	3·7	4·0
May	1·2	1·4	1·4	1·4	1·1	1·4	1·2	1·1	1·7	2·0	2·3	2·8	2·8	3·2	2·9	2·8	1·9	1·3	1·1	1·4	1·3	1·5	1·0	1·5
June	9·9	10·3	11·6	11·1	11·2	10·9	10·6	9·6	9·5	8·5	8·3	6·9	7·6	6·6	7·5	8·3	9·0	9·3	9·9	10·4	9·4	9·9	11·3	10·8
July	11·7	12·5	11·8	11·3	11·6	12·1	12·4	14·2	9·9	9·5	9·3	7·9	7·2	7·7	7·1	7·6	8·5	9·6	10·0	10·6	11·4	10·9	11·2	11·3
August	12·7	14·8	13·9	14·2	14·2	14·7	13·7	12·6	13·4	12·1	10·2	10·4	9·4	9·0	9·2	9·5	9·2	11·6	11·5	10·9	11·2	12·5	12·2	12·9
September	5·4	5·7	6·0	5·9	5·8	5·1	5·6	5·4	4·4	5·0	5·4	5·2	5·1	4·6	5·2	4·1	4·3	4·2	4·6	4·5	3·9	3·9	4·5	4·7
October	6·5	6·5	6·4	6·9	6·2	6·5	6·2	6·6	7·8	7·9	7·2	6·3	5·9	5·2	5·2	4·3	4·9	4·6	4·6	5·6	5·0	5·9	5·8	6·5
November	6·9	6·9	7·2	7·3	8·1	7·5	7·8	7·7	8·2	7·8	7·4	7·6	7·4	5·7	5·4	5·6	5·4	5·8	5·7	6·4	6·8	7·1	7·7	7·1
December	7·4	7·4	7·0	7·7	8·0	8·4	8·7	8·5	8·3	8·1	7·9	8·0	7·4	6·3	6·0	5·9	4·6	5·5	6·4	6·8	7·1	7·4	7·3	7·6
Year	6·9	7·3	7·3	7·5	7·5	7·6	7·6	7·7	7·6	7·5	7·2	6·7	6·5	6·0	5·6	5·4	5·3	5·4	5·8	6·2	6·2	6·4	6·8	7·0

Table IX.—Number of days in each month and the year on which the Nilgiris were visible from Kodaikanal in 1946.

[The Nilgiris are nearly 100 miles (as the crow flies) from Kodaikanal.]

Month.	Very clear.	Visible.	Just visible.	Top only visible.	Total.
1	2	3	4	5	6
January	14	7	5	4	30
February	7	1	2	1	11
March	8	3	10	2	23
April	3	5	8	1	17
May	16	3	4	3	26
June	11	1	3	3	18
July	1	..	5	..	6
August	2	3	6	1	12
September	4	2	7	2	15
October	3	3	6	4	16
November	1	..	4	3	8
December	4	2	2	4	12
Year	74	30	62	28	194

Table X.—Average over the 15 chief political divisions of the monthly

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.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	"	"		"	"		"	"		"	"		"	"		"	"	
Assam	0·03	—0·66	—96	0·70	—0·87	—55	4·13	+0·57	+16	7·31	—1·59	—18	14·06	+0·53	+4	20·52	+0·47	+2
Bengal	0	—0·38	—100	0·26	—0·74	—74	1·81	+0·38	+27	6·32	+3·39	+116	8·00	+0·22	+3	12·79	—1·50	—10
Orissa	0	—0·41	—100	0·11	—0·93	—89	0·30	—0·60	—67	3·62	+2·38	+192	3·32	+0·24	+8	9·51	+0·69	+8
Behar	0	—0·61	—100	0·71	—0·29	—29	0·31	—0·28	—47	2·26	+1·68	+290	3·30	+1·27	+63	8·06	+0·55	+7
United Provinces	0	—0·77	—100	0·94	+0·14	+17	0·04	—0·39	—91	0·82	+0·58	+242	1·15	+0·53	+85	3·81	—0·58	—13
Punjab	0·14	—0·78	—85	0·59	—0·34	—37	0·29	—0·50	—63	0·13	—0·40	—75	0·81	+0·29	+56	2·08	+0·41	+25
North-West Frontier Province.	0·66	—0·48	—42	1·39	—0·01	—1	0·64	—1·29	—67	0·08	—1·29	—94	0·43	—0·31	—42	1·43	+0·57	+66
Sind	0	—0·13	—100	0·04	—0·25	—86	0·01	—0·17	—94	0·01	—0·08	—89	0	—0·13	—100	0·26	—0·12	—32
Rajputana	0	—0·23	—100	0·27	+0·03	+13	0	—0·18	—100	0·04	—0·08	—67	0·27	—0·08	—23	3·69	+1·30	+54
Bombay	0	—0·10	—100	0·08	+0·01	+14	0·02	—0·10	—83	0·82	+0·42	+105	1·15	+0·26	+29	11·30	+2·50	+28
Central India	0	—0·40	—100	0·50	+0·20	+67	0·01	—0·20	—95	0·15	0	0	0·13	—0·25	—66	9·86	+5·00	+103
Central Provinces and Berar.	0	—0·45	—100	0·53	—0·21	—28	0·03	—0·49	—94	0·73	+0·18	+33	0·43	—0·19	—31	11·17	+3·60	+48
Hyderabad	0	—0·17	—100	0·73	+0·07	+11	0·30	—0·11	—27	0·90	—0·08	—8	0·73	—0·27	—27	5·99	+0·42	+8
Mysore	0	—0·14	—100	0·10	—0·06	—37	0·57	+0·24	+73	2·28	+0·64	+39	3·68	+0·02	+1	4·85	+0·31	+7
Madras	0·32	—0·46	—59	0·11	—0·39	—78	1·74	+1·01	+138	2·26	+0·29	+15	2·67	—0·89	—25	9·00	+1·56	+21
Mean of India	0·06	—0·42	—87	0·42	—0·22	—34	0·56	—0·10	—15	1·56	+0·43	+38	2·15	+0·05	+2	7·74	+1·25	+19

and annual rainfall with its departure from normal in 1946.

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.
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
"	"		"	"		"	"		"	"		"	"		"	"		"	"	
19·53	+1·09	+6	12·87	—3·78	—23	10·72	—2·23	—17	12·87	+7·04	+121	0·41	—0·82	—67	0·26	—0·14	—35	103·41	—0·39	0
16·56	+0·99	+6	12·82	—1·71	—12	11·66	+0·98	+9	11·79	+6·85	+139	0·50	—0·44	—47	0·40	+0·22	+122	82·91	+8·26	+11
13·03	—0·61	—4	15·13	+2·12	+16	10·29	+0·95	+10	7·79	+2·75	+55	1·56	+0·06	+4	0	—0·21	—100	64·66	+6·43	+11
13·53	+0·28	+2	11·92	—0·99	—8	10·34	+1·62	+19	5·70	+3·03	+113	0·91	+0·47	+107	0	—0·19	—100	57·04	+6·54	+13
16·39	+4·67	+40	9·65	—1·63	—14	3·44	—3·12	—48	2·15	+0·82	+62	0·42	+0·24	+133	0·19	—0·17	—47	39·00	+0·32	+1
4·80	—0·50	—9	5·56	+0·30	+6	0·43	—2·05	—83	0·82	+0·54	+193	0·23	+0·11	+92	0·63	+0·20	+47	16·51	—2·72	—14
2·00	—0·57	—22	3·11	+0·16	+5	0·55	—0·57	—51	0·48	+0·19	+66	0·33	+0·10	+43	0·28	—0·29	—51	11·38	—3·79	—25
0·67	—1·75	—72	2·43	+0·76	+46	0	—0·54	—100	0·01	—0·05	—83	0	—0·04	—100	0	—0·11	—100	3·43	—2·61	—43
5·96	—1·06	—15	12·50	+5·60	+81	2·28	—0·91	—29	0·27	—0·15	—36	0·47	+0·32	+213	0·60	+0·43	+253	26·35	+4·99	+23
15·85	+0·37	+2	15·38	+5·66	+58	6·85	+0·13	+2	1·14	—1·52	—57	4·27	+3·43	+408	0·35	+0·18	+106	57·21	+11·24	+24
14·61	+1·86	+15	16·54	+5·21	+46	3·76	—2·87	—43	0·53	—0·59	—53	3·64	+3·09	+562	0·90	+0·64	+246	50·63	+11·69	+30
13·40	—1·85	—12	15·94	+3·01	+23	5·17	—2·66	—34	0·99	—1·22	—55	3·56	+2·90	+439	0·31	+0·01	+3	52·26	+2·63	+5
9·72	+0·74	+8	6·03	—1·00	—14	4·15	—2·70	—39	0·96	—1·75	—65	2·66	+1·69	+174	0·19	—0·08	—30	32·36	—3·24	—9
6·92	—0·27	—4	8·95	+3·57	+66	6·99	+1·95	+39	4·48	—0·87	—16	5·78	+3·36	+139	1·91	+1·47	+334	46·51	+10·22	+28
8·44	—0·51	—6	9·29	+2·31	+33	5·42	—0·35	—6	6·35	—1·43	—18	10·96	+5·03	+85	7·72	+5·65	+273	64·28	+11·82	+23
11·13	+0·16	+1	11·20	+1·81	+19	5·20	—1·05	—17	3·25	+1·18	+57	2·76	+1·59	+136	1·15	+0·70	+156	47·18	+5·38	+13

Table XI.—Average over the 31 Sub-divisions of the monthly and annual rainfall

Sub-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.
	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
			"	"				"	"				"	"	
1. Bay Islands*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Assam	14·2	—3·7	12·87	—3·78	—23	12·2	—2·0	10·72	—2·23	—17	11·2	+4·2	12·87	+7·04	+121
3. Bengal	15·8	—0·8	12·82	—1·71	—12	10·8	—1·3	11·66	+0·98	+9	9·3	+3·9	11·79	+6·85	+139
4. Orissa	16·4	+0·6	15·13	+2·12	+16	12·1	—0·3	10·29	+0·95	+10	7·8	+1·8	7·79	+2·75	+55
5. Chota Nagpur	18·2	+1·2	14·94	+0·77	+5	9·0	—1·6	10·16	+1·95	+24	7·3	+3·3	5·09	+2·13	+72
6. Bihar	12·4	—1·3	10·42	—1·87	—15	7·7	—1·6	10·43	+1·46	+16	6·5	+3·8	6·02	+3·50	+139
7. United Provinces, East	11·7	—1·2	8·65	—2·73	—24	4·3	—3·3	5·30	—1·76	—25	4·2	+2·4	3·17	+1·35	+74
8. Do. do., West	11·5	—0·1	10·44	—0·76	—7	2·6	—3·5	2·01	—4·16	—67	2·1	+1·2	1·31	+0·39	+42
9. Punjab, East and North	7·1	+0·3	6·82	+0·49	+8	1·0	—2·2	0·60	—2·49	—81	1·3	+0·8	1·07	+0·72	+206
10. Do., South-West	3·1	—0·1	2·27	—0·21	—8	0	—1·3	0·01	—0·97	—99	0·5	+0·3	0·17	+0·07	+70
11. Kashmir	6·9	—1·3	7·65	+0·35	+5	1·9	—1·9	0·90	—2·07	—70	2·8	+0·9	1·59	+0·48	+43
12. North-West Frontier Province	4·0	+0·2	3·11	+0·16	+5	1·2	—0·6	0·55	—0·57	—51	1·0	+0·4	0·48	+0·19	+66
13. Baluchistan	2·3	+1·0	1·26	+0·52	+70	0·1	—0·2	0·03	—0·16	—84	0·3	+0·1	0·09	+0·01	+13
14. Sind	2·8	+0·9	2·43	+0·76	+46	0	—0·7	0	—0·54	—100	0	—0·1	0·01	—0·05	—83
15. Rajputana, West	5·4	+0·9	4·73	+0·68	+17	0·4	—1·4	0·44	—0·99	—69	0·1	—0·2	0·05	—0·12	—71
16. Do., East	16·7	+6·8	16·69	+8·25	+98	2·9	—2·1	3·30	—0·85	—20	0·8	0	0·39	—0·17	—30
17. Gujarat	18·9	+8·2	15·42	+7·55	+96	4·1	—2·2	4·30	—0·90	—17	0·2	—1·1	0·08	—0·92	—92
18. Central India, West	16·8	+4·8	16·59	+5·78	+53	4·8	—2·5	3·88	—2·69	—41	0·7	—0·8	0·32	—0·70	—69
19. Do. do., East	16·7	+2·1	16·36	+3·14	+24	3·7	—4·5	3·33	—3·51	—51	3·1	+1·2	1·30	—0·19	—13
20. Berar	10·7	+0·4	5·41	—1·41	—21	6·3	—1·8	3·95	—2·25	—36	0·3	—2·2	0·12	—1·69	—93
21. Central Provinces, West	16·9	+2·3	16·55	+3·57	+28	5·5	—4·0	3·37	—4·43	—57	1·9	—0·6	0·94	—0·88	—48
22. Do. do., East	19·2	+3·0	19·25	+4·20	+28	9·0	—1·8	6·84	—1·59	—19	2·5	—1·0	1·34	—1·23	—48
23. Konkan	28·3	+3·8	34·43	+9·50	+38	14·4	—1·0	12·19	—0·54	—4	3·5	—2·4	2·01	—2·70	—57
24. Bombay Deccan	12·4	+2·9	8·91	+3·02	+51	8·5	+0·3	6·90	+1·13	+20	2·8	—1·9	1·60	—1·56	—49
25. Hyderabad, North	10·7	+0·8	6·33	1·62	+20	5·9	—3·5	4·42	—2·77	—39	0·9	—2·5	0·31	—2·24	—88
26. Do., South	9·9	+0·3	5·63	0·18	—3	5·6	—3·7	3·79	—2·63	—41	3·1	—1·4	1·81	—1·11	—38
27. Mysore	11·3	+2·4	8·95	+3·57	+66	9·1	+1·3	6·99	+1·95	+39	6·1	—1·7	4·48	—0·87	—16
28. Malabar	22·4	+4·6	26·98	+11·23	+71	11·2	—0·8	7·28	—1·08	—13	12·6	—0·7	9·27	—1·82	—16
29. Madras South-East	5·3	0	2·77	0·91	—25	6·3	+0·5	5·09	+0·79	+18	9·6	+0·5	6·73	—0·54	—7
30. Do., Deccan	6·7	+0·4	4·12	+0·40	+11	6·7	—0·6	5·01	—0·24	—5	3·6	—2·2	2·71	—1·43	—35
31. Do., Coast, North	9·3	+0·4	5·69	—0·09	—2	6·5	—2·2	4·17	—2·20	—35	5·5	—2·0	4·51	—2·99	—41

* Data not available.

and number of rainy days with their departures from normal in 1946—*contd.*

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.
52	53	54	55	56	57	58	59	60	61	62	63	64	65	66
		"	"				"	"				"	"	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
0·9	—1·0	0·41	—0·82	—67	0·5	—0·4	0·26	—0·14	—35	108·8	—7·7	103·41	—0·39	0
0·9	—0·3	0·50	—0·44	—47	0·4	+0·1	0·40	+0·22	+122	90·6	+6·4	82·93	+8·27	+11
2·2	+0·6	1·56	+0·06	+4	0	—0·4	0	—0·21	—100	72·6	—0·8	64·66	+6·43	+11
2·3	+1·4	1·51	+0·92	+156	0·1	—0·3	0·01	—0·23	—96	80·1	+9·3	63·27	+9·56	+18
1·2	+0·7	0·61	+0·24	+65	0	—0·4	0	—0·16	—100	60·3	+3·7	53·71	+4·86	+10
1·2	+0·8	0·49	+0·28	+133	0·3	—0·3	0·10	—0·16	—62	48·1	+1·3	39·36	—0·17	0
0·8	+0·5	0·37	+0·22	+147	0·7	—0·2	0·27	—0·18	—40	44·2	+1·0	38·84	+0·81	+2
0·7	+0·4	0·30	+0·16	+114	1·5	+0·5	0·86	+0·35	+69	27·4	—2·7	20·71	—2·17	—9
0·1	—0·1	0·03	—0·05	—63	0·1	—0·6	0·06	—0·19	—76	10·2	—6·5	5·42	—4·35	—45
2·8	+1·8	2·59	+2·09	+418	4·3	+1·1	3·39	+1·43	+73	50·8	—4·3	36·44	—3·63	—9
0·7	+0·3	0·33	+0·10	+43	0·7	—0·5	0·28	—0·29	—51	20·1	—6·1	11·38	—3·79	—25
0	—0·4	0	—0·14	—100	0·7	—0·8	0·27	—0·39	—59	9·1	—6·8	3·72	—3·59	—49
0	—0·1	0	—0·04	—100	0	—0·3	0	—0·11	—100	4·4	—3·6	3·43	—2·61	—43
0	—0·1	0	—0·05	—100	0·5	+0·3	0·19	+0·09	+90	11·5	—3·7	9·09	—2·17	—19
1·2	+0·8	0·72	+0·52	+260	1·6	+1·1	0·82	+0·61	+290	41·6	+7·3	35·70	+8·86	+33
1·9	+1·4	1·40	+1·10	+367	0·5	+0·4	0·12	+0·06	+100	47·1	+8·2	43·53	+10·24	+31
5·3	+4·5	3·98	+3·39	+575	2·5	+2·0	1·03	+0·79	+329	55·1	+10·9	50·98	+13·35	+35
2·8	+2·2	2·38	+1·97	+480	1·3	+0·6	0·43	+0·10	+30	55·0	+2·0	49·34	+5·64	+13
5·9	+4·7	5·61	+4·75	+552	1·8	+1·2	0·81	+0·46	+131	52·0	+4·3	36·47	+2·82	+8
5·2	+4·3	5·36	+4·75	+779	0·8	+0·1	0·34	—0·03	—8	61·9	+3·6	52·94	+4·67	+10
2·1	+1·1	1·47	+0·86	+141	0·3	—0·1	0·08	—0·14	—64	66·5	+0·1	57·19	+1·11	+2
7·0	+5·4	6·74	+5·69	+542	0·9	+0·6	0·40	+0·25	+167	109·2	+13·5	130·94	+17·86	+16
6·8	+5·1	5·62	+4·43	+372	1·2	+0·7	0·51	+0·25	+96	58·4	+9·1	42·42	+9·78	+30
4·3	+3·1	2·09	+1·23	+143	0·7	+0·2	0·31	+0·03	+11	51·0	—4·0	34·36	—4·51	—12
5·4	+3·5	3·42	+2·30	+205	0·1	—0·3	0·03	—0·22	—88	49·8	—0·4	29·71	—1·57	—5
8·6	+4·8	5·78	+3·36	+139	4·5	+3·7	1·91	+1·47	+334	69·7	+14·3	46·51	+10·22	+28
13·3	+5·0	10·35	+3·96	+62	7·9	+5·6	6·79	+5·23	335	131·9	+15·0	130·83	+21·39	+20
12·9	+4·5	12·86	+5·42	+73	10·4	+6·3	11·90	+8·54	254	61·1	+12·1	49·22	+12·56	+34
7·3	+4·0	6·82	+4·65	+214	3·2	+2·5	2·32	+1·93	+495	42·5	+3·4	28·17	+4·12	+17
7·1	+3·0	10·15	+5·70	+128	1·5	+0·6	2·74	+1·95	+247	52·6	+1·4	42·22	+3·70	+10

Table XII.—Average over the 15 chief political divisions of the actual rainfall with its departure from normal for the four seasons of the year and for the whole year 1946.

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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	"	"		"	"		"	"		"	"		"	"	
Assam	0·73	—1·53	—68	25·50	—0·49	—2	63·64	—4·45	—7	13·54	+6·08	+82	103·41	—0·39	0
Bengal	0·26	—1·12	—81	16·13	+3·99	+33	53·83	—1·24	—2	12·69	+6·63	+109	82·91	+8·26	+11
Orissa	0·11	—1·34	—92	7·24	+2·02	+39	47·96	+3·15	+7	9·35	+2·60	+39	64·66	+6·43	+11
Bihar	0·71	—0·90	—56	5·87	+2·67	+83	43·85	+1·46	+3	6·61	+3·31	+100	57·04	+6·54	+13
United Provinces	0·94	—0·63	—40	2·01	+0·72	+56	33·29	—0·66	—2	2·76	+0·89	+48	39·00	+0·32	+1
Punjab	0·73	—1·12	—61	1·23	—0·61	—33	12·87	—1·84	—13	1·68	+0·85	+102	16·51	—2·72	—14
North West Frontier Province	2·05	—0·49	—19	1·15	—2·89	—72	7·09	—0·41	—5	1·09	0	0	11·38	—3·79	—25
Sind	0·04	—0·38	—90	0·02	—0·38	—95	3·36	—1·65	—33	0·01	—0·20	—95	3·43	—2·61	—43
Rajputana	0·27	—0·20	—43	0·31	—0·34	—52	24·43	+4·93	+25	1·34	+0·60	+81	26·35	+4·99	+23
Bombay	0·08	—0·09	—53	1·99	+0·58	+41	49·38	+8·66	+21	5·76	+2·09	+57	57·21	+11·24	+24
Central India	0·50	—0·20	—29	0·29	—0·45	—61	44·77	+9·20	+26	5·07	+3·14	+163	50·63	+11·69	+30
Central Provinces and Berar	0·53	—0·66	—55	1·19	—0·50	—30	45·68	+2·10	+5	4·86	+1·69	+53	52·26	+2·63	+5
Hyderabad	0·73	—0·10	—12	1·93	—0·46	—19	25·89	—2·54	—9	3·81	—0·14	—4	32·36	—3·24	—9
Mysore	0·10	—0·20	—67	6·53	+0·90	+16	27·71	+5·56	+25	12·17	+3·96	+48	46·51	+10·22	+28
Madras	0·43	—0·85	—66	6·67	+0·41	+7	32·15	+3·01	+10	25·03	+9·25	+59	64·28	+11·82	+23
Mean of India	0·48	—0·64	—57	4·27	+0·38	+10	35·27	+2·17	+7	7·16	+3·47	+94	47·18	+5·38	+13

Table XIII.—Average over the 31 Sub-divisions of the actual rainfall with its departure from normal for the four seasons of the year and for the whole year 1946.

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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	"	"		"	"		"	"		"	"		"	"	
1. Bay Islands*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Assam	0·73	—1·53	—68	25·50	—0·49	—2	63·64	—4·45	—7	13·54	+6·08	+82	103·41	—0·39	0
3. Bengal	0·26	—1·12	—81	16·13	+3·99	+33	53·83	—1·24	—2	12·69	+6·63	+109	82·93	+3·27	+11
4. Orissa	0·11	—1·34	—92	7·24	+2·02	+39	47·96	+3·15	+7	9·35	+2·60	+39	64·66	+6·43	+11
5. Chota Nagpur	0·67	—1·56	—70	5·94	+2·66	+81	50·05	+5·64	+13	6·61	+2·32	+74	63·27	+9·56	+18
6. Bihar	0·73	—0·56	—43	5·82	+2·66	+84	40·53	—0·82	—2	6·63	+3·58	+117	53·71	+4·86	+10
7. United Provinces, East	1·11	—0·12	—10	2·06	+0·94	+84	32·43	—2·46	—7	3·76	+1·47	+64	39·36	—0·17	0
8. Do. do., West	0·81	—1·04	—56	2·00	+0·55	+38	34·08	+0·87	+3	1·95	+0·43	+28	38·84	+0·81	+2
9. Punjab, East and North	0·86	—1·30	—60	1·41	—0·57	—29	16·21	—1·53	—9	2·23	+1·23	+123	20·71	—2·17	—9
10. Do., South-West	0·36	—0·68	—65	0·73	—0·73	—50	4·07	—2·77	—40	0·26	—0·17	—40	5·42	—4·35	—45
11. Kashmir	4·56	—3·01	—40	5·87	—3·68	—39	18·44	—0·94	—5	7·57	+4·00	+112	36·44	—3·68	—9
12. North-West Frontier Province.	2·05	—0·49	—19	1·15	—2·89	—72	7·09	—0·41	—5	1·09	0	0	11·38	—3·79	—25
13. Baluchistan	1·00	—1·41	—59	0·56	—1·19	—68	1·80	—0·47	—21	0·36	—0·52	—59	3·72	—3·59	—49
14. Sind	0·04	—0·38	—90	0·02	—0·38	—95	3·36	—1·65	—33	0·01	—0·20	—95	3·43	—2·61	—43
15. Rajputana, West	0·05	—0·29	—85	0·14	—0·39	—74	8·66	—1·41	—14	0·24	—0·08	—25	9·09	—2·17	—19
16. Do., East	0·40	—0·14	—26	0·40	—0·33	—45	32·97	+8·37	+34	1·93	+0·96	+99	35·70	+8·86	+33
17. Gujarat	0·08	—0·07	—47	0·22	—0·15	—41	41·63	+10·22	+33	1·60	+0·24	+18	43·53	+10·24	+31
18. Central India, West	0·33	—0·16	—33	0·18	—0·46	—72	45·14	+10·49	+30	5·33	+3·48	+188	50·98	+13·35	+35
19. Do. do., East	1·11	—0·36	—24	0·69	—0·35	—34	43·43	+4·47	+11	4·11	+1·88	+84	49·34	+5·64	+13
20. Berar	0·32	—0·45	—58	0·69	—0·44	—39	28·92	+0·1	+1	6·54	+3·52	+117	36·47	+2·8	+8
21. Central Provinces, West	0·73	—0·50	—41	0·77	—0·59	—43	44·80	+1·92	+4	6·64	+3·84	+137	52·94	+4·67	+10
22. Do. do., East	0·48	—0·84	—64	1·67	—0·46	—22	52·15	+2·92	+6	2·89	—0·51	—15	57·19	+1·11	+2
23. Konkan	0·04	—0·10	—71	2·49	+0·59	+31	119·26	+14·13	+13	9·15	+3·24	+55	130·94	+17·86	+16
24. Bombay Deccan	0·10	—0·11	—52	3·18	+1·13	+55	31·44	+5·64	+22	7·73	+3·12	+68	42·42	+9·78	+30
25. Hyderabad, North	0·86	—0·07	—8	1·75	—0·44	—20	29·04	—3·02	—9	2·71	—0·98	—27	34·36	—4·51	—12
26. Do., South	0·55	—0·13	—19	2·16	—0·50	—19	21·74	—1·91	—8	5·26	+0·97	+23	29·71	—1·57	—5
27. Mysore	0·10	—0·20	—67	6·53	+0·90	+16	27·71	+5·56	+25	12·17	+3·96	+48	46·51	+10·22	+28
28. Malabar	0·31	—0·96	—76	12·21	—1·13	—8	91·90	+16·11	+21	26·41	+7·37	+39	130·83	+21·39	+20
29. Madras, South-east	0·73	—1·04	—59	5·91	+1·08	+22	11·09	—0·90	—8	31·49	+13·42	+74	49·22	+12·56	+34
30. Do., Deccan	0·18	—0·14	—44	3·10	+0·41	+15	13·04	—1·30	—9	11·85	+5·15	+77	28·17	+4·12	+17
31. Do., Coast, North	0·12	—0·72	—86	4·10	+0·92	+29	20·80	—1·16	—5	17·20	+4·66	+37	42·22	+3·70	+10

* Data not available.

Table XIV.—Average over the 31 Sub-divisions of actual number of rainy days with their departures from normal for the four seasons of the year and for the whole year 1946.

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	2	3	4	5	6	7	8	9	10	11
1. Bay Islands *	..	..	..	..	..	..	..	..	..	..
2. Assam	1·5	—3·6	29·2	—2·7	65·5	—4·2	12·6	+2·8	108·8	—7·7
3. Bengal	0·7	—1·9	20·3	+5·5	59·0	—0·9	10·6	+3·7	90·6	+6·4
4. Orissa	0·2	—2·2	7·0	—1·7	55·4	+1·1	10·0	+2·0	72·6	—0·8
5. Chota Nagpur	1·5	—2·8	10·6	+4·0	58·3	+3·7	9·7	+4·4	80·1	+9·3
6. Bihar	2·1	—0·7	8·4	+3·3	42·1	—3·0	7·7	+4·1	60·3	+3·7
7. United Provinces, East	2·1	—0·6	4·1	+1·7	36·2	—2·7	5·7	+2·9	48·1	+1·3
8. Do. do., West	1·3	—2·3	4·5	+1·3	34·8	+0·5	3·6	+1·5	44·2	+1·0
9. Punjab, East and North	1·8	—2·3	3·9	—0·4	18·2	—1·7	3·5	+1·7	27·4	—2·7
10. Do., South-west	0·8	—1·8	2·2	—1·5	6·5	—2·8	0·7	—0·4	10·2	—6·5
11. Kashmir	7·7	—3·1	12·5	—2·1	20·7	—2·9	9·9	+3·8	50·8	—4·3
12. North-West Frontier Province	4·3	—0·8	3·0	—5·1	10·4	—0·4	2·4	+0·2	20·1	—6·1
13. Baluchistan	2·8	—2·5	1·6	—2·9	3·7	—0·3	1·0	—1·1	9·1	—6·8
14. Sind	0·1	—1·0	0	—0·9	4·3	—1·2	0	—0·5	4·4	—3·6
15. Rajputana, West	0·1	—0·8	0·3	—1·1	10·5	—1·8	0·6	0	11·5	—3·7
16. Do., East	1·1	—0·2	1·1	—0·7	35·8	+6·3	3·6	+1·9	41·6	+7·3
17. Gujarat	0·2	—0·2	0·4	—0·2	43·9	+7·9	2·6	+0·7	47·1	+8·2
18. Central India, West	0·9	—0·3	0·6	—0·9	45·1	+6·4	8·5	+5·7	55·1	+10·9
19. Do. do., East	2·1	—1·1	1·4	—1·1	44·3	+0·2	7·2	+4·0	55·0	+2·0
20. Berar	1·0	—0·4	2·0	—0·5	41·0	+1·5	8·0	+3·7	52·0	+4·3
21. Central Provinces, West	1·9	—0·6	1·6	—1·4	50·5	+1·8	7·9	+3·8	61·9	+3·6
22. Do. do., East	1·4	—1·1	3·8	—0·8	56·4	+2·0	4·9	0	66·5	+0·1
23. Konkan	0	—0·2	4·0	+1·3	93·8	+8·8	11·4	+3·6	109·2	+13·5
24. Bombay Deccan	0·3	—0·2	5·4	+1·5	41·9	+4·7	10·8	+3·9	58·4	+9·9
25. Hyderabad, North	1·7	0	3·7	—0·5	39·7	—4·3	5·9	+0·8	51·0	—4·0
26. Do., South	1·5	+0·3	4·8	+0·2	34·9	—2·7	8·6	+1·8	49·8	—0·4
27. Mysore	0·3	—0·3	11·8	+2·6	38·4	+5·2	19·2	+6·8	69·7	+14·3
28. Malabar	0·7	—1·3	17·7	+0·2	79·7	+6·2	33·8	+9·9	131·9	+15·0
29. Madras, South-east	1·2	—1·2	9·2	+2·1	17·8	—0·1	32·9	+11·3	61·1	+12·1
30. Do., Deccan	0·5	—0·1	4·8	+0·1	23·1	—0·9	14·1	+4·3	42·5	+3·4
31. Do., Coast, North	0·2	—1·0	6·1	+1·4	32·2	—0·6	14·1	+1·6	52·6	+1·4

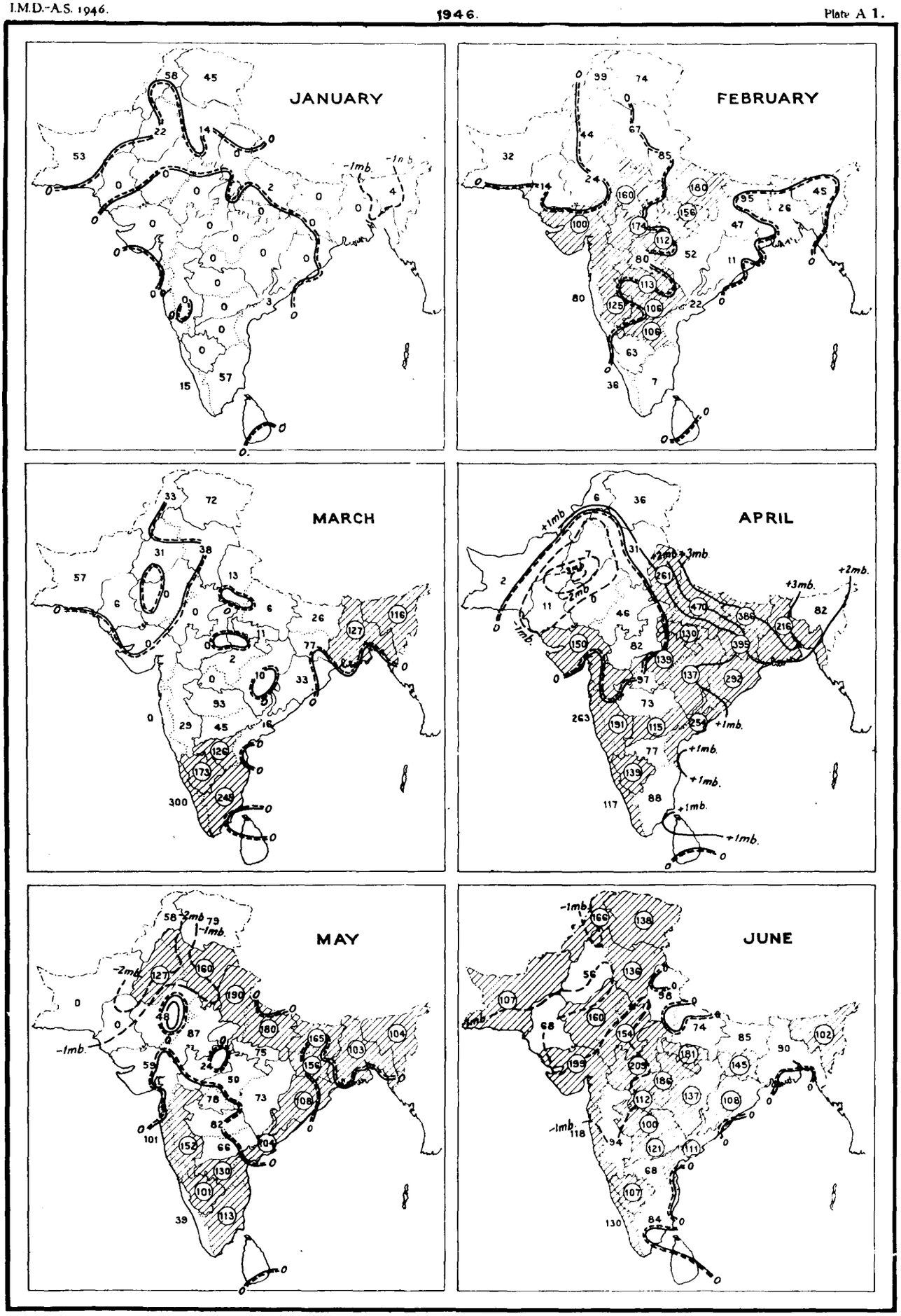
* Data not available.

Table XV.—Showing rainfall of 10″ and over, with amounts in the preceding and following 24 hrs. during the year 1946.

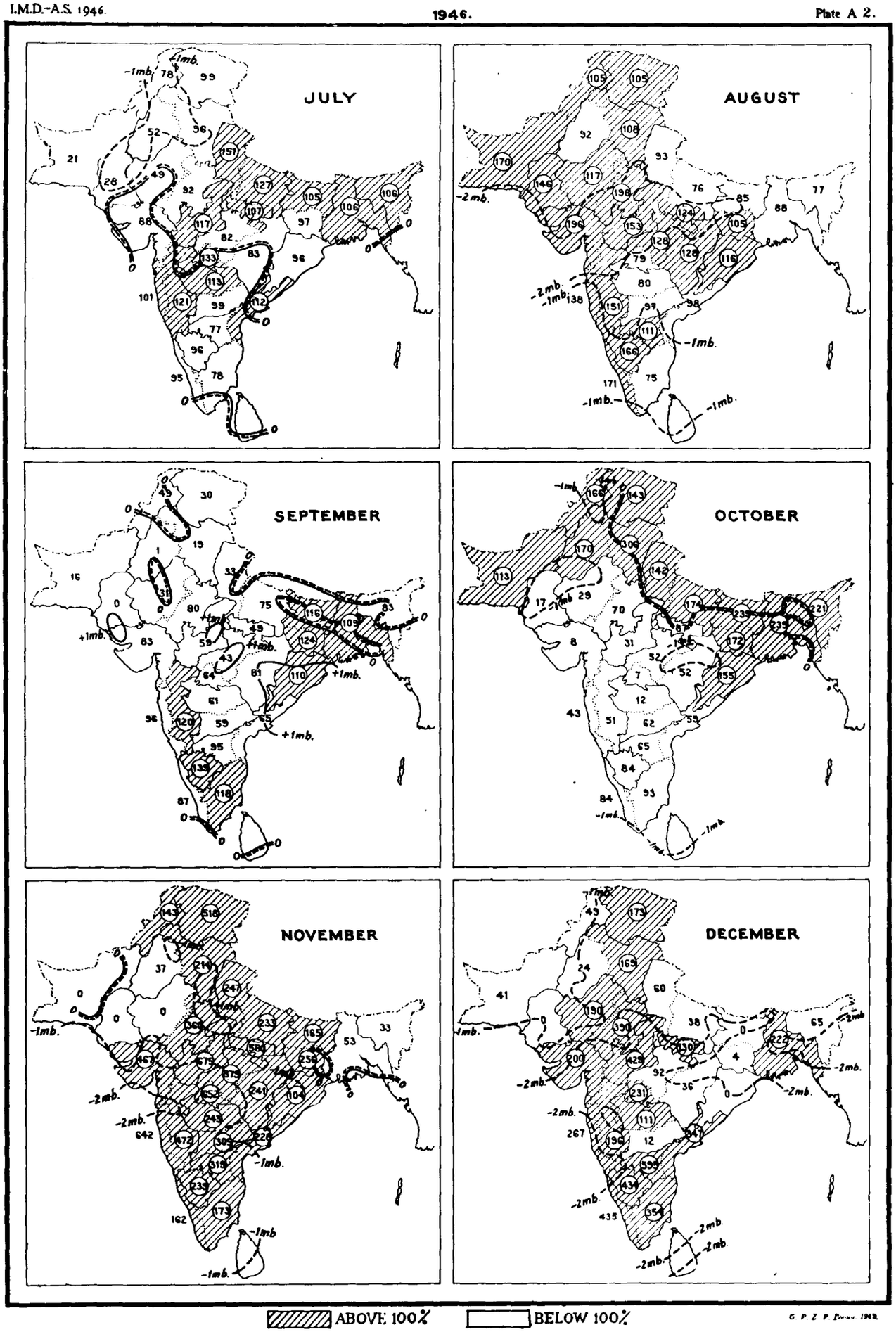
Province and District.	Station.	Date.	Amount. Preceding day.	On date in column 3.	Succeeding day.
1	2	3	4	5	6
			″	″	″
Assam.					
Sylhet	Lallakhal	June 6	0·25	10·57	5·35
Khasi and Jaintia Hills	Cherrapunji Police Station	,, 6	0·31	15·16	6·42
Do.	Do.	,, 14	5·68	12·64	7·84
Goalpara	Damra	July 8	0·10	13·95	3·00
Sylhet	Lallakhal	,, 9	0·45	12·69	2·94
Garo Hills	Mahendraganj	,, 8	0	11·00	1·36
Khasi and Jaintia Hills	Cherrapunji Police Station	,, 7	7·12	13·84	19·04
Do.	Do.	,, 8	13·84	19·04	24·44
Do.	Do.	,, 9	19·04	24·44	8·46
Sadiya Frontier Tract	Denning	,, 8	9·00	13·03	6·85
Lushai Hills	Sherkawn	,, 9	3·16	11·28	8·56
Do.	Lungleh	,, 9	3·50	13·14	10·82
Do.	Do.	,, 10	13·14	10·82	6·41
Khasi and Jaintia Hills	Cherrapunji Police Station	Aug. 11	2·64	14·04	15·92
Do.	Do.	,, 12	14·04	15·92	3·04
Sylhet	Sylhet	Oct. 7	3·43	12·53	1·23
Do.	Lallakhal	,, 7	2·17	18·44	1·60
Khasi and Jaintia Hills	Shillong	,, 7	0	11·66	0·87
Bengal.					
Rajshahi (Boalia)	Tanor	Mar. 23	0·10	10·00	7·07
Jalpaiguri	Buxa	July 7	4·38	10·34	2·85
Chittagong	Rangunia	,, 10	4·72	10·52	8·11
Chittagong Hill Tracts	Rangamati	,, 7	9·90	10·00	1·60
Burdwan	Asansol	Sept. 17	0·27	10·59	2·20
Bankura	Palasdanga	,, 17	0·57	10·90	0·50
Bakarganj	Gaurnadi	,, 9	0	11·00	0
Rajshahi (Boalia)	Nator	Oct. 6	5·00	12·00	1·30
Rangpur	Bhawaniganj (Gaibandha)	,, 6	1·35	10·57	2·05
Do.	Saidpur	,, 20	1·98	10·85	0·05
Bakarganj	Patuakhali	,, 5	0	13·30	8·50
Orissa.					
Cuttack	Rajkanika	Aug. 1	3·50	10·75	0·20
Do.	Do.	,, 21	0·70	11·00	0
Balasore	Bhadrak	Sept. 15	0·16	11·40	1·95
Do.	Baliapal	,, 16	1·00	11·53	0·07
Do.	Bhograi	,, 16	1·37	13·00	0·05
Do.	Baliapal	Oct. 18	2·40	14·63	1·36
Bihar.					
Champaran	Bagaha	Sept. 2	1·63	10·34	0·54
Muzaffarpur	Sahebganj	,, 3	0	12·00	0·14
Hazaribagh	Barhi	,, 18	1·37	10·38	0·12
Do.	Hunterganj	,, 18	1·18	12·04	0·17
United Provinces.					
Jaunpur	Jaunpur	July 12	0·10	10·35	1·45
Benares	Benares	,, 12	0·02	10·13	2·01
Punjab.					
Kangra	Dharamsala (Upper)	June 27	2·19	12·89	7·58
Rajputana.					
Kotah	Manoharthana	July 29	4·58	10·30	0·36
Kusalgarh	Kusalgarh	,, 27	0·40	12·25	0·80
Sirohi	Abu	Aug. 25	2·30	12·35	0·70
Bombay.					
Ahmedabad	Dholka	June 30	0·05	11·49	0
Kaira	Anand	,, 30	0	11·66	0
Surat	Chikhli	,, 24	3·98	12·30	0·15
Ratnagiri	Sangameshwar	,, 26	0·97	11·58	3·40
Kanara	Honavar	,, 5	0·82	11·52	2·21
Baroda	Amreli	,, 21	0·44	12·15	3·72
Jasdan	Jasdan	,, 21	0·95	10·95	7·20
Satara	Mahabaleshwar	July 5	7·47	10·77	7·91
Thana	Vada	,, 4	0·80	10·58	2·87
Kolaba	Matheran	,, 5	2·33	11·32	7·28
Do.	Pen	,, 5	1·98	11·88	4·65
Do.	Mangaon	,, 5	5·62	18·11	3·01
Do.	Mahad	,, 5	6·90	10·24	2·95
Ratnagiri	Chiplun	,, 5	4·63	10·21	7·28
Do.	Mandangad	,, 5	6·84	10·14	3·88
Rajpipla	Valia	,, 25	0·15	11·56	1·03
Dharampur	Dharampur	,, 5	0·72	21·40	1·00
Broach	Hansot	Aug. 4	0·45	12·12	0·10
Do.	Ilav	,, 4	0·20	10·40	0·15
Satara	Mahabaleshwar	,, 8	4·55	10·52	5·15
Bansda	Bansda	,, 4	5·37	10·20	4·35
Savantwadi	Savantwadi	,, 12	0·11	11·14	1·51
Tharad	Tharad	,, 4	0	12·45	0·82
C. P. and Berar.					
Mandla	Dindori (Ramgarh)	June 25	2·74	12·50	0·47
Do.	Shahpura	,, 25	2·70	11·00	0·42
Raipur	Mahusamund	Aug. 22	0·70	10·17	1·63

MGIPC—S1—XI-1-349—10-4-50—390.

SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS) AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)



SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS), AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)



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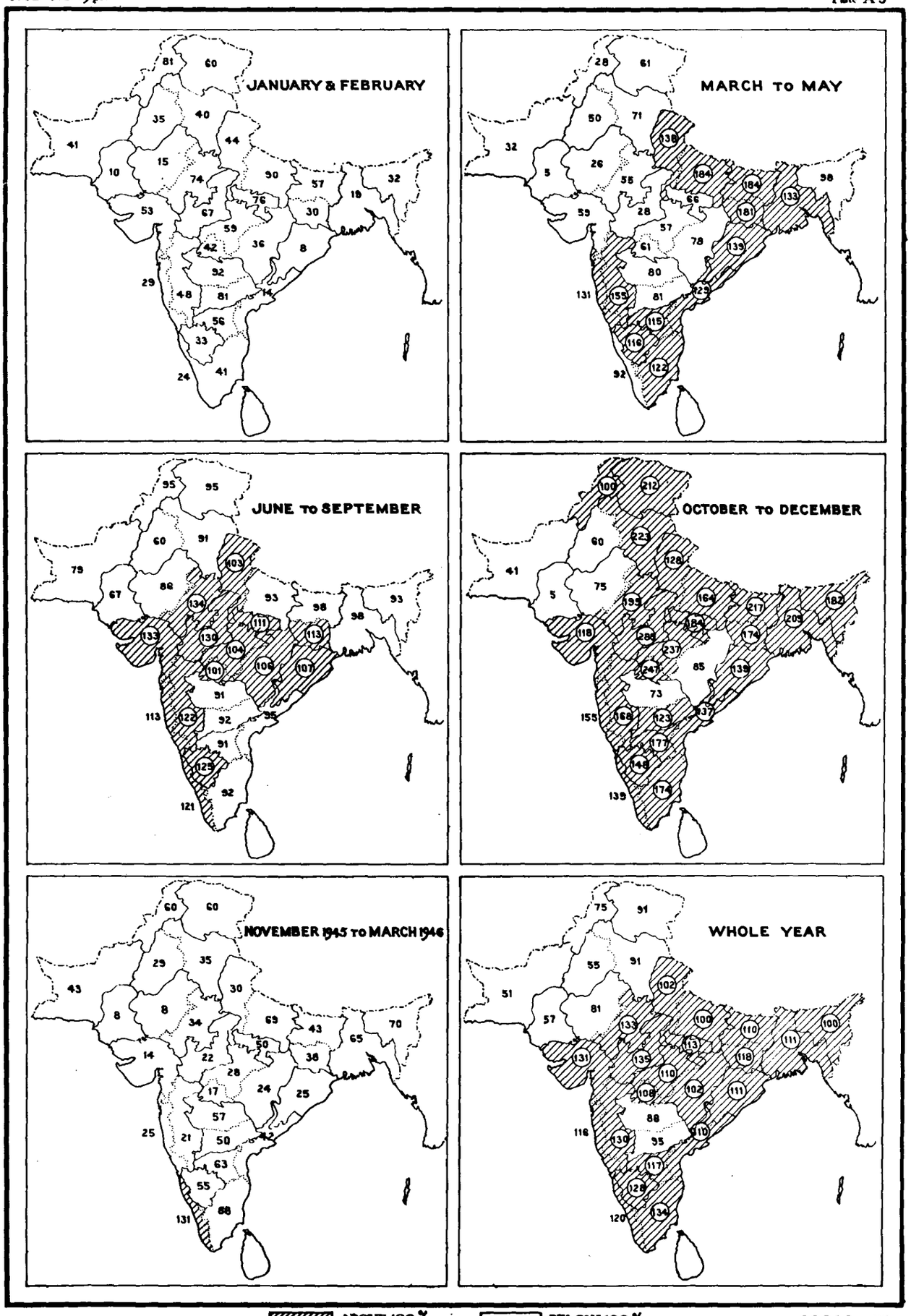
SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS) IN DIFFERENT PERIODS OF THE YEAR 1946.



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