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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1947

ANNUAL SUMMARY

PART A

SUMMARY OF WEATHER WITH TABLES

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1947

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V. V. SOHONI, M. Sc.,

Director General of Observatories

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INDIA WEATHER REVIEW, 1947.

ANNUAL SUMMARY.

PART A.

Weather and Rainfall of 1947.

Summary.—The western disturbances during winter were generally feeble; but their secondaries moving across the central parts of the country were more active and gave good rainfall over Central India, the Central Provinces and Orissa in January. There were widespread thundershowers in the Peninsula, the central parts of the country and the United Provinces during the third week of February. During the hot weather season. March to May, a severe cyclonic storm in the second week of April gave very heavy rain in south Kathiawar the Konkan and the south Peninsula and caused considerable loss of property and livestock in south Kathiawar. The monsoon arrived on the west coast in time but did not penetrate into the interior of the country till the end of June. After the middle of July till the third week of September, it was generally active and caused abundant rainfall. During the period, October to December, the northeast monsoon was mostly feeble except for two spells in the third week of October and in the third week of December. Consequently the rainfall during this period was deficient in the southern half of the Peninsula. The western disturbances also were generally feeble. Two cyclonic storms and two depressions formed in the Bay of Bengal of which one storm and one depression in December caused widespread and locally heavy rain along the east coast of the Peninsula during the middle of the month and the beginning of the fourth week respectively.

I. *The Cold Weather Period* (*January and February*).—Two out of the five western disturbances in ***January*** were active. The third disturbance induced a secondary which moved across the central parts of the country and caused local showers there and in Orissa from the 12th to 14th. This was followed by a cold spell over Rajputana and the central parts of the country from the 15th to 18th when temperatures were 8° to 12° below normal. The last disturbance caused fairly widespread thundershowers in the central parts of the country, the United Provinces and Chota Nagpur between the 26th and 28th. There were fairly widespread thundershowers in southeast Madras and south Malabar in the second half of the first week and in southeast Madras on the last four days of the month. The rainfall in January was, therefore, normal or in excess over most parts of the country excluding northwest India, East Bengal and Assam.

Six western disturbances affected the weather in ***February*** and out of these, three were active. The first gave local to widespread precipitation in the East Punjab between the 3rd and 6th. The second was responsible for fairly widespread precipitation in the East Punjab, the United Provinces, Chota Nagpur and Bihar between the 8th and 10th. The fifth disturbance, in association with its secondary which moved across the United Provinces and Bihar, gave fairly widespread rain in Kashmir, the East Punjab, the United Provinces, east Central India and the west Central Provinces on the 23rd and 24th. Outside northwest India, weather was generally dry except for scattered showers in the south Peninsula during the last week.

The total rainfall for the winter period was in moderate to large excess in Orissa, the central parts of the country, the Konkan, the Bombay Deccan, north Hyderabad, Mysore and the Madras Presidency outside the north Madras coast. It was in slight excess in the north Madras coast, in slight defect in the United Provinces and east Rajputana and in moderate to large defect elsewhere except in Gujarat where no rain fell.

The mean temperature was normal over the whole country. The relative humidity was in excess in the East Punjab, the Bombay Province, the central parts of the country. Hyderabad and Mysore and normal elsewhere. The cloud amount was in excess in Orissa, Bihar and the Peninsula and in defect in Rajputana.

II. *The Hot Weather Period* (*March to May*).—Of the five western disturbances that affected the weather during ***March***, three were active and induced secondaries which moved eastwards across the United Provinces to West Bengal and caused spells of marked thunderstorm activity in the United Provinces and northeast India between the 13th and 16th, 20th and 22nd and 25th and 26th. Many of the thunderstorms in Bihar and Assam between the 20th and 22nd were accompanied by hail showers. There was marked thunderstorm activity in the Peninsula and the central parts of the country also on the first two days of the month and again on the last four days.

The dominant feature of the weather in ***April*** was a severe cyclonic storm in the Arabian Sea. It formed as a depression, centred near Lat. 9½°N., Long. 74½°E. on the 13th. Moving northnorthwestwards, it intensified into a severe cyclonic storm by the 15th morning. It finally moved into the Gulf of Cambay and filled up near Surat by the 20th. Associated with the formation and movement of this storm, widespread and locally heavy rain fell in the south Peninsula between the 12th and 14th, the rainfall extending into the Konkan and the west Deccan by the next day and in south Kathiawar by the 16th. Very heavy rain exceeding 10 inches in 24 hours in many places occurred in south Kathiawar between the 16th and 18th. In the Bhavnagar State, hundreds of houses were destroyed, large number of cattle were killed and the cotton and pulse crops were severely damaged by excessive rain and strong winds. Winds of gale and hurricane force which blew in and near the port of Veraval are reported to have caused considerable damage to country craft and small boats. The losses in the Veraval port alone were estimated at several lakhs of rupees.

There was marked thunderstorm activity in Assam during the second and third weeks and in the first half of the fourth week of April, while local thundershowers occurred in the south Peninsula in the beginning of the month.

May was a month of good thunderstorm activity in the northeast of India, particularly in Assam, Bihar and the United Provinces. There were local thundershowers in Malabar also on most days. Elsewhere in the Peninsula and in the central parts of the country, rainfall was scanty. Five of the six western disturbances of the month were feeble and consquently northwest India also had generally scanty rainfall.

The total rainfall for the period, March to May, was in large excess in Gujarat and the Konkan and in slight to moderate excess in Berar, the Bombay Deccan and southeast Madras. It was normal in Assam, Chota Nagpur, Bihar and the west Central Provinces, in slight to moderate defect in Orissa, the east United Provinces, Kashmir, west Central India, the east Central Provinces, Mysore and Malabar and in large defect elsewhere except in west Rajputana where no rain fell.

The mean temperature was above normal in the United Provinces, the East Punjab and Rajputana. Humidity was above normal in the Bombay Province and Central India and normal elsewhere. Cloud amount was in excess in the Bombay Province, the Central Provinces and Berar and Mysore and in defect in the East Punjab and Rajputana.

III. *The Southwest Monsoon Period* (*June to September*).—The monsoon advanced feebly over Malabar on the 3rd ***June*** and extended to the Konkan by the 5th; but its activity was confined to the coastal regions during the first three weeks. The Bay monsoon also was confined to northeast India during this period. Under the influence of a cyclonic storm from the Bay of Bengal, the monsoon advanced into the whole country outside northwest India and Gujarat during the last week. However, the rainfall for June was in moderate to large defect except in northeast India, the south Peninsula and Kashmir.

The monsoon extended feebly into Gujarat and the eastern districts of northwest India early in ***July***. During the first ten days of the month, widespread rain fell everywhere except in Rajputana and rainfall was locally heavy in the central parts of the country, the United Provinces and Assam. A marked strengthening of the Arabian Sea branch of the monsoon in the beginning of the third week resulted in very heavy rain in the Konkan, Gujarat, east Rajputana, the southern divisions of the United Provinces and in and near Central India during that week. The monsoon continued to be strong over these regions during the last week also. The rainfall for July was normal or in excess over most parts of the country outside northwest India.

During the first half of ***August***, the activity of the monsoon was confined to northeast India, the east United Provinces and Malabar. The Peninsula also had its usual share of rain during this period from thunderstorms, while the central parts of the country and northwest India were generally dry. A vigorous revival of the monsoon took place in the Konkan, Gujarat, east Rajputana and the central parts

of the country during the third week when heavy rain occurred there. The wet spell over these regions continued during the last week under the influence of a depression from the north Bay which moved westnorthwestwards, intensified into a cyclonic storm over Cutch on the 30th and disappeared over lower Sind.

September was a month of abundant rainfall generally over the country. Under the influence of the Cutch cyclonic storm of the last week of August and two depressions from the Bay, the monsoon continued active over the country outside southeast Madras, the south Deccan and west Rajputana up to the middle of the month. Thereafter rainfall decreased in northern India. In association with a low pressure area which moved westwards across the Deccan into the Arabian Sea off the Konkan, became a depression there, crossed coast near Surat and moved to the Punjab, there was widespread and locally heavy rain in the Peninsula between the 20th and 24th and in the East Punjab and the west United Provinces from the 25th to 27th. The heavy rains in the East Punjab during this spell resulted in series of floods in the rivers which paralysed all means of transport and communication and caused considerable hardship to the stranded refugees. There was another spell of widespread rain along the Circars coast and the north Deccan on the last four days in association with a depression from the west central Bay of Bengal which crossed the coast near Vizagapatam and filled up over the north Bombay Deccan. The monsoon withdrew from northwest India and the central parts of the country after the 27th and from the Peninsula by the 30th.

The rainfall for the period, June to September, was in moderate excess in south Hyderabad and the Madras Deccan and in slight excess in the East Punjab, east Rajputana, west Central India, the Central Provinces and the Madras Presidency outside the Madras Deccan. It was in slight defect in Chota Nagpur and normal elsewhere except in West Bengal for which complete data are not available.

Mean temperature, humidity and cloud amount were normal over the country except in the East Punjab where mean temperature was above normal.

IV. *The Period of the Retreating Monsoon (October to December).*—Local or widespread rain occurred in most parts of northeast India during the first ten days of ***October***. The three western disturbances of the month were feeble and did not cause much precipitation. The northeast monsoon was weak during the first fortnight and weather was generally dry over the Peninsula except for local showers along the Circars coast on a few days. However, during the third week, the northeast monsoon strengthened and caused fairly widespread rain with locally heavy showers in the Madras Presidency and Mysore. Weather was again mostly dry during the last week of the month. A depression and a cyclonic storm from the Andaman Sea crossed the coast in the neighbourhood of Cox's Bazar.

November was a month of deficient rainfall over most parts of the country. This was a result of the unusual inactivity of the northeast monsoon during the first two weeks and the general feebleness of the five western disturbances during the month. Except for local showers from the 5th to 11th along the north Madras coast dry weather prevailed in the Peninsula during the first fortnight. The spell of dry weather was broken during the last ten days when local showers occurred in the southern half of the Peninsula.

Weather was unusually dry over the country during the first two weeks of ***December***. In association with a cyclonic storm which formed in the Bay of Bengal and filled up over the sea, there was widespread and locally heavy rain along the east coast of the Peninsula with local falls in the east Deccan and Chota Nagpur and southwest Bengal for three days during the middle of the month There was another spell of widespread rain with locally heavy falls along the east coast between the 20th and 24th in association with another depression from the Bay of Bengal. During the third week, a fairly active western disturbance was responsible for widespread rain over the central parts of the country, the United Provinces, the East Punjab, Kashmir and east Rajputana.

The total rainfall for the season was in slight to moderate excess in Assam, Chota Nagpur, the East Punjab and Kashmir and normal in east Rajputana, south Hyderabad and the north Madras coast. It was in slight to moderate defect in Bihar, west Rajputana, Central India, Mysore and the Madras Presidency outside the north Madras coast and in large defect in the United Provinces, Gujarat, the Konkan, the Bombay Deccan and north Hyderabad.

The mean temperature was normal. Humidity was in excess in the United Provinces, the East Punjab, Rajputana and Central India and normal elsewhere. The cloud amount was in excess in West Bengal and Orissa, in defect in the Bombay Province and Central India and normal elsewhere.

V. Taking the year as a whole, the rainfall was in moderate excess in east Rajputana and in slight excess in the west United Provinces, west Central India, Berar, the Central Provinces and the Madras Deccan and normal elsewhere. It was in slight defect in Orissa, Bihar, the East Punjab, west Rajputana and southeast Madras and normal elsewhere. Averaged over the plains of India, the rainfall for the year was 3% below normal.

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

Table I.—Divisional and sub-divisional means for the year 1947.

DIVISION.	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
	"	"	"		°	°	Mbs.	%	
Assam . .	87·15	84·47	+2·68	+3	+0·8	+0·5	+0·3	—2	+0·3
West Bengal .	61·90	68·28	—6·38	—9	+0·8	+0·9	+0·4	+1	+0·5
Orissa . .	50·74	57·43	—6·69	—12	+0·5	+0·8	+0·7	+2	+0·6
Bihar . .	43·12	49·63	—6·51	—13	+1·1	+0·7	+0·8	+2	+0·4
United Provinces	43·01	41·55	+1·46	+4	+1·1	+1·2	+0·9	+3	+0·4
East Punjab .	21·11	26·00	—4·89	—19	+1·8	+1·5	+1·2	+4	—0·1
SUB-DIVISION.									
1. Bay Islands	135·07	123·33	+11·74	+10	+0·9	+1·2	+0·8	+1	+1·3
2. Assam .	87·15	84·47	+2·68	+3	+0·8	+0·5	+0·3	—2	+0·3
3. West Bengal	61·90	68·28	—6·38	—9	+0·8	+0·9	+0·4	+1	+0·5
4. Orissa .	50·74	57·43	—6·69	—12	+0·5	+0·8	+0·7	+2	+0·6
5. Chota Nagpur	49·66	52·38	—2·72	—5	+0·4	+0·6	+1·0	+2	+0·8
6. Bihar . .	41·10	48·37	—7·27	—15	+1·7	+0·9	+0·6	+1	+0·1
7. United Provinces, East.	40·96	42·67	—1·71	—4	+1·3	+1·2	+0·6	+2	+0·5
8. Do. West .	45·05	40·42	+4·64	+11	+0·9	+1·0	+1·2	+4	+0·3
9. East Punjab	21·11	26·00	—4·89	—19	+1·8	+1·5	+1·2	+4	—0·1
10. Kashmir .	Data incomplete.								
11. Rajputana, West.	9·85	11·33	—1·48	—13	+2·0	+1·4	+0·4	0	—0·7
12. Do. East	35·18	27·06	+8·12	+30	+0·3	+0·9	+1·2	+5	+0·1

DIVISION.	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
	"	"	"		°	°	Mbs.	%	
Rajputana .	22·51	19·17	+3·34	+17	+1·0	+1·1	+0·8	+3	—0·3
Bombay . .	45·10	44·19	+0·91	+2	+0·1	+0·8	+1·0	+5	+0·1
Central India .	48·50	44·02	+4·48	+10	+0·6	+0·6	+1·1	+7	+0·3
Central Provinces and Berar.	57·81	48·86	+8·95	+18	+0·1	+1·4	+1·0	+3	+0·8
Hyderabad .	33·84	32·32	+1·52	+5	—0·1	+1·5	+1·2	+4	+0·3
Mysore . .	44·40	46·00	—1·60	—3	—0·8	+0·9	+0·7	+4	+0·9
Madras . .	47·12	49·23	—2·11	—4	—0·6	+0·7	+0·5	+1	+0·7
Mean of India .	42·12	43·64	—1·52	—3	+0·4	+1·0	+0·9	+3	+0·3
SUB-DIVISION.									
13. Gujarat .	26·23	25·02	+1·21	+5	—0·2	+0·9	+0·9	+5	+0·1
14. Central India, West.	46·71	41·61	+5·10	+12	+0·2	+0·9	+1·2	+8	+0·5
15. Do. East.	50·89	47·21	+3·68	+8	+1·1	+0·2	+1·1	+6	—0·1
16. Berar .	37·77	32·84	+4·93	+15	—0·3	+1·4	+1·4	+6	+0·3
17. Central Provinces, West.	59·01	48·16	+10·85	+23	—0·1	+1·0	+1·0	+4	+1·1
18. Do. East.	64·41	56·10	+8·31	+15	+0·5	+1·9	+0·9	+2	+0·7
19. Konkan .	101·87	98·32	+3·55	+4	+0·4	+0·4	+0·9	+2	—0·1
20. Bombay Deccan.	40·86	41·47	—0·61	—1	+0·3	+0·8	+1·1	+5	+0·1
21. Hyderabad, North.	34·20	33·70	+0·50	+1	—0·3	+1·7	+1·1	+4	+0·1
22. Do. South	33·20	30·50	+2·70	+9	+0·1	+1·2	+1·2	+4	+0·5
23. Mysore .	44·40	46·00	—1·60	—3	—0·8	+0·9	+0·7	+4	+0·9
24. Malabar .	112·57	108·28	+4·29	+4	0	+0·4	+0·8	+2	+0·7
25. Madras, South-east.	32·63	39·95	—7·32	—18	—0·7	+0·9	+0·5	+1	+0·9
26. Do. Deccan	28·77	25·52	+3·25	+13	—0·9	+0·5	+0·7	+2	+0·2
27. Do. Coast, North.	38·84	39·93	—1·09	—3	—0·7	+0·7	+0·5	+1	+0·5

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.) a

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure at station level, 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
BAY ISLANDS.																					
Port Blair	261	1,001·7	+0·1	999·1	85·8	+0·9	92	V	74·7	+1·2	66	II, III	81·2	80·1	76·9	76·0	29·6	+0·8	28·9	81	+1
ASSAM.																					
Dibrugarh*	348	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sibsagar	317	999·6	—0·3	995·6	82·6	+1·1	98	VI	66·7	+0·9	45	I, XII	72·0	77·1	69·5	72·3	24·4	+0·2	25·2	89	—1
Tezpur	258	1,001·9	—0·2	997·4	84·7	+1·0	99	V	67·3	+0·1	46	I	72·4	79·5	69·2	72·6	23·8	+0·1	24·9	84	—1
Gauhati	182	1,003·8	—0·1	999·5	84·6	—0·1	99	V	67·3	+0·7	46	I	73·2	80·4	69·9	72·5	24·3	+0·4	24·3	85	+1
Dhubri	115	1,006·0	—0·1	1,002·4	82·6	—0·1	99	IV	68·8	+0·6	48	I	72·6	80·4	69·9	72·3	24·7	+0·8	24·1	87	+4
Silchar	96	1,007·2	—0·2	1,003·1	86·0	—0·1	97	VII, VIII	68·2	+0·8	45	I	72·6	81·4	69·8	73·5	24·4	—0·4	25·2	87	+3
WEST BENGAL.																					
Dum Dum	33	1,009·2	..	..	89·0	..	109	IV	71·2	..	41	I	75·4	..	72·1	..	25·6	..	..	77	..
Calcutta	21	1,008·1	—0·3	1,004·6	89·4	+0·9	108	IV	72·3	+2·1	50	I	76·0	83·7	72·6	74·6	26·7	+0·9	25·8	85	+3
Saugor Island	10	1,008·2	—0·4	1,005·3	84·9	—0·3	95	IV	..	..	..	..	79·4	81·3	74·7	75·3	27·9	+0·3	27·9	79	—2
Sandheads†	28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Midnapore	149	1,003·6	—0·3	1,000·0	90·6	+0·7	113	IV	71·2	+0·5	49	I	76·7	85·8	71·4	73·4	24·8	+0·7	23·1	75	+1
Burdwan	106	1,005·3	—0·1	1,001·5	89·5	+0·5	107	IV, V	71·0	+0·8	48	I	76·2	86·0	71·4	73·3	25·1	+0·7	22·9	77	0
Krishnagar	48	1,007·1	—0·4	1,003·8	90·2	+1·5	108	IV	69·3	+0·5	44	I	75·4	85·2	71·8	74·1	26·1	+0·1	24·5	83	+6
Asansol	414	994·5	0	990·9	90·0	+0·3	112	VI	69·5	+0·8	47	I	76·1	85·0	69·7	72·2	23·0	+0·4	21·8	73	+1
Berhampore	62	1,006·7	—0·4	1,003·1	90·3	+2·3	108	IV	69·8	+0·4	47	I	76·8	84·3	71·5	73·4	24·9	+0·3	24·1	75	—3
Malda	103	1,005·5	—0·2	1,001·9	87·6	+0·7	106	IV	68·9	+1·2	46	I	76·4	83·4	70·7	72·7	24·1	+0·1	23·2	74	—1
Jalpaiguri	271	1,000·2	—0·3	996·5	84·6	0	96	IV, V	66·9	+0·5	46	XII	70·7	81·6	67·6	72·1	22·8	—0·5	23·3	85	0
ORISSA.																					
Balasore	65	1,006·5	—0·3	1,003·0	89·2	+0·5	111	VI	72·0	+1·3	52	I	77·9	82·6	72·7	74·9	26·0	+0·8	26·6	77	0
Chandbali	20	1,008·2	—0·1	1,005·1	89·5	+0·6	..	..	72·0	+0·3	53	XII	77·4	83·5	73·5	75·0	27·2	+0·7	26·3	83	+2
Puri	20	1,008·3	—0·1	1,005·3	86·3	+0·2	106	IV	75·7	+0·9	59	XII	78·9	82·3	74·7	76·8	28·2	+0·5	28·6	81	0
Gopalpur	56	1,007·0	—0·2	1,003·9	86·1	—0·2	99	V	73·9	+0·6	58	XII	78·3	81·7	74·7	77·1	28·4	+1·5	29·9	83	+3
Cuttack	87	1,005·7	—0·7	1,002·2	91·4	+0·5	112	VI	..	..	56	II, XII	77·2	85·7	73·1	74·5	26·6	+0·9	24·5	81	+2
Angul	455	993·3	0	989·6	91·0	+0·8	115	V	71·4	+1·5	51	XII	76·8	86·6	70·7	72·2	23·6	+0·2	20·9	74	—1
Sambalpur	486	991·9	—0·5	988·4	91·7	+1·2	116	V	70·4	+0·8	48	II, XII	75·2	88·3	69·8	72·9	23·0	+0·9	21·1	77	+6
CHOTA NAGPUR.																					
Jamshedpur	423	994·2	—0·1	990·4	90·3	+0·1	113	VI	70·0	+1·5	48	I, II, XII	75·3	86·1	69·4	71·8	22·8	+0·9	20·6	74	+1
Chaibasa	742	983·2	0	979·4	90·7	+1·0	113	VI	69·6	+1·2	47	I	74·4	86·1	69·8	73·9	23·7	+1·6	23·5	79	+5
Ranchi	2,150	935·9	—0·1	933·2	84·2	+0·1	107	VI	64·6	—0·7	43	I	72·1	79·9	64·8	67·1	18·5	+0·8	17·6	69	+5
Hazaribagh	2,006	940·8	—0·1	938·0	85·0	+0·4	108	VI	65·0	—0·4	39	I	72·9	79·3	64·8	66·2	18·2	+0·8	16·8	66	+2
Daltonganj	725	983·7	—0·3	980·0	89·9	+0·5	114	VI	66·5	+1·0	39	I	74·5	85·5	67·3	70·5	20·8	+1·3	19·3	70	—1
Dhanbad	839	979·5	..	..	..	..	111	VI	68·2	..	46	I	75·7	..	68·3	..	21·3	..	..	67	..
BIHAR.																					
Purnea	124	1,004·8	—0·3	1,001·1	88·2	+1·5	105	IV	66·6	+0·5	43	I	73·9	83·0	69·2	73·3	23·5	+0·3	24·3	79	—2
Darbhanga	161	1,003·4	—0·1	999·7	88·5	+1·6	105	IV, V	67·5	+0·3	45	I	73·4	85·0	68·8	73·4	23·3	+0·5	23·7	80	+4
Motihari	218	1,001·3	—0·1	997·5	..	..	..	..	66·3	+1·1	44	I, XII	77·6	82·2	69·7	72·8	23·5	+0·8	24·0	77	+2
Patna	173	1,002·4	—0·5	999·1	89·6	+2·0	110	VI	69·9	+1·0	45	I	75·7	85·4	68·5	71·4	21·9	—0·2	20·7	69	—1
Dehri	352	996·2	..	992·5	90·3	..	115	V	69·9	..	46	I	75·8	86·7	68·2	70·5	21·5	..	18·9	68	..
Gaya	365	995·7	—0·3	992·2	90·9	+1·9	115	V, VI	69·1	+1·7	42	I	75·9	86·6	67·7	70·1	20·5	+1·5	18·5	66	+5
Naya Dumka	489	991·7	—0·5	988·2	89·7	+1·8	112	VI	68·8	+0·9	44	I	75·3	84·9	69·3	71·3	22·8	+0·7	20·6	72	+2
Sabour	122	1,004·5	—0·1	1,000·8	88·7	+1·2	107	IV, V	67·0	+0·9	41	I	75·2	83·4	69·6	72·8	23·5	+0·9	23·5	75	—1

* Data, except rainfall, not reliable hence no means.
† Data incomplete hence no means.

17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947.

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.									STATION.
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.
7·4	+1·3	7·9	135·27	+11·94	7·23	VI	149	−1·1	8·4	−1·1	26	66	42	14	5	95	79	16	22	9	80	51	12	10	84	79	24	16	Port Blair.
																													ASSAM.
..	..	..	125·97	+16·06	7·70	VII	127	−8·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Dibrugarh.*
8·1	+0·3	6·1	114·82	+16·72	4·80	VI	136	+7·7	2·4	+0·6	48	114	36	20	39	33	2	10	63	57	87	18	7	20	27	7	23	119	Sibsagar.
4·7	−0·6	3·4	75·89	+3·27	5·62	VII	104	−1·0	1·8	−0·3	10	75	171	22	5	5	7	1	69	5	25	99	9	4	7	7	1	208	Tezpur.
5·6	+0·5	4·8	69·59	+6·13	3·63	VII	88	−1·3	2·5	+1·1	62	89	45	43	43	26	8	22	27	20	98	47	18	16	51	15	25	75	Gauhati.
5·5	+1·0	4·9	74·72	−23·18	3·95	V	95	−0·5	4·1	0	14	100	95	24	24	29	15	0	64	10	65	60	25	29	59	18	6	93	Dhubri.
5·8	+0·7	4·9	150·13	+20·43	8·30	VI	142	+5·0	1·4	−0·1	12	88	85	70	16	15	12	9	58	14	26	13	17	11	52	76	42	114	Silchar.
																													WEST BENGAL.
5·1	..	..	54·76	..	5·74	VII	83	..	..	..	46	20	41	20	69	49	9	27	‡82	..	..	..	..	..	..	..	..	..	Dum Dum.
4·8	+0·1	5·0	67·03	+4·05	5·73	IX	78	−6·3	2·8	−0·4	27	19	30	19	41	83	20	13	113	25	2	13	30	61	75	18	23	118	Calcutta.
4·9	−0·5	4·8	60·90	−7·90	5·90	VII	74	−5·1	12·3	+3·1	61	46	18	15	33	138	16	29	9	51	13	6	32	113	111	10	21	8	Saugor Island.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Sandheads.
5·3	+1·4	5·5	50·67	−8·04	3·05	IX	77	−2·7	3·7	+1·4	55	72	23	14	59	73	10	14	45	49	65	14	33	91	33	8	5	67	Midnapore.
4·4	−0·2	4·6	56·76	−2·86	4·75	VII	80	+2·8	3·9	+1·9	42	23	44	19	24	77	31	33	72	33	17	51	29	33	49	38	44	71	Burdwan.
4·8	+0·4	5·0	54·68	−2·68	5·90	VII	84	+5·7	3·0	+0·1	10	21	17	50	81	32	9	18	127	15	5	16	51	59	25	35	21	138	Krishnagar.
4·4	+0·1	..	61·64	+5·32	4·38	VIII	79	+3·1	..	..	14	5	33	51	23	17	53	57	112	..	..	..	..	..	..	..	..	..	Asansol.
4·9	+0·2	4·7	55·06	+0·46	3·13	IX	83	+6·6	1·9	−0·4	14	4	58	36	91	12	17	11	122	16	1	46	15	88	7	16	9	167	Berhampore.
4·5	+1·1	3·9	61·50	+4·87	4·14	VII	63	−6·2	3·8	−0·1	38	33	58	43	67	40	9	43	‡32	23	38	58	37	28	13	26	72	†66	Malda.
5·1	+1·5	4·6	89·67	−38·96	4·48	VII	104	−3·9	3·2	+1·6	85	94	83	11	6	5	6	17	58	15	49	69	32	29	31	35	6	99	Jalpaiguri.
																													ORISSA
5·8	+1·5	5·9	62·41	+0·41	3·10	XII	84	+7·2	4·5	+1·2	72	33	7	4	57	92	4	42	54	6	9	4	84	105	35	2	5	115	Balasore.
4·9	+0·1	4·5	39·94	−28·26	..	..	*61	..	5·7	−9·1	78	7	8	12	62	70	43	45	§22	16	35	60	100	91	16	15	4	¶9	Chandbali.
4·9	+0·6	5·2	55·64	+1·98	4·31	VI	64	+1·9	11·6	+2·4	92	40	7	9	12	144	32	23	6	9	22	17	84	75	142	10	6	0	Puri.
5·0	+1·6	5·5	44·47	−1·03	3·26	X	55	−0·3	11·7	+3·3	111	6	3	10	37	114	4	52	28	25	13	60	66	78	111	7	5	0	Gopalpur.
4·9	+0·3	5·2	65·36	+5·39	4·94	VIII	75	+0·5	3·2	−1·1	8	16	18	2	35	38	43	21	184	9	19	22	13	63	51	17	12	159	Cuttack.
4·9	+2·0	5·6	45·59	−5·20	4·81	VIII	80	+7·9	4·8	+0·7	7	17	22	24	8	4	68	56	150	39	17	25	48	35	19	43	49	90	Angul.
4·9	+0·8	5·4	..	..	3·75	VIII	..	..	3·7	+0·9	38	74	26	11	54	49	1	7	105	38	62	9	8	51	62	31	22	82	Sambalpur.
																													CHOTA NAGPUR.
4·4	+0·9	5·2	50·25	−3·26	4·11	VI	80	+3·6	3·6	+0·7	5	16	48	17	2	38	141	42	56	26	26	59	32	12	42	59	44	65	Jamshedpur.
6·1	+2·0	6·2	49·44	−2·22	3·92	IX	82	+8·1	1·8	−0·1	10	21	2	9	14	146	14	3	146	25	48	4	22	18	64	21	26	137	Chaibasa.
3·7	−0·4	4·2	57·97	−0·14	3·16	VI	69	−12·4	..	..	24	2	19	1	76	17	10	18	195	42	5	24	7	54	7	18	31	†173	Ranchi.
5·0	+0·7	5·2	45·14	−7·90	2·85	IX	71	−3·8	4·9	−0·8	15	7	21	34	43	58	49	51	87	48	14	20	30	27	10	20	161	35	Hazaribagh.
4·1	+1·2	4·9	43·50	−3·15	5·86	IX	61	−1·0	2·5	−0·4	7	11	63	41	9	4	52	5	173	42	24	41	11	14	6	68	81	78	Daltonganj.
..	..	..	48·18	..	3·28	VII	75	..	5·1	..	26	23	48	36	24	66	61	38	33	..	..	..	..	..	..	..	..	..	Dhanbad.
																													BIHAR.
3·9	+0·2	3·2	54·31	−5·66	3·90	VII	65	−5·8	2·9	+0·7	6	49	117	26	15	54	22	6	70	6	29	82	20	7	35	47	5	134	Purnea.
3·9	+0·4	3·4	40·84	−8·97	5·58	VII	55	−2·4	2·9	+0·3	2	77	104	27	4	20	62	9	60	2	32	55	41	3	24	77	23	108	Darbhanga.
3·9	+0·9	3·0	57·56	+4·11	5·32	VII	58	+0·4	..	..	4	5	155	17	4	2	49	9	120	0	2	60	1	2	0	51	3	246	Motihari.
3·9	+0·3	3·9	42·37	−4·32	3·98	IX	47	−8·6	3·9	+0·6	1	58	68	33	14	59	36	16	80	12	46	47	15	6	5	75	40	119	Patna.
3·3	..	3·7	33·99	−8·92	5·11	VIII	51	−3·5	3·1	..	6	9	31	45	36	134	19	23	62	36	59	12	26	3	26	7	136	60	Dehri.
3·8	+0·7	4·4	37·20	−9·53	5·04	VII	47	−11·9	5·2	+0·7	2	12	53	50	111	53	10	2	72	47	35	33	13	13	12	47	114	51	Gaya.
2·8	−0·7	3·3	54·99	−2·81	4·87	VIII	84	+6·4	3·0	+1·1	3	37	15	60	7	46	14	32	151	1	50	9	73	2	74	20	55	81	Naya Dumka.
4·4	+0·1	4·0	45·54	+2·27	3·25	VI	58	−2·0	3·9	−0·6	14	25	85	65	35	70	37	11	23	37	26	71	38	5	5	67	57	59	Sabour.

* Total for 349 days.
† Total for 361 days.
‡ Total for 349 days.
§ Total for 347 days.
‖ Total for 362 days.
¶ Total for 346 days.
**Total for 359 days.

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

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure at station level, 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
U. P., East.																					
Gonda	360	996·1	..	992·2	89·4	+0·7	110	VI	66·5	+1·1	39	I	71·4	85·3	65·9	70·4	20·8	+0·6	18·7	76	+4
Gorakhpur	254	999·5	—0·5	995·1	89·4	+1·5	109	V, VI	68·5	+1·8	44	I, XII	73·7	86·5	67·6	71·3	21·7	+0·1	20·6	66	+8
Benares	250	999·5	—0·5	996·0	91·1	+1·5	115	V	67·6	+0·8	39	I	73·0	88·0	67·5	72·2	22·1	+1·4	21·0	77	+8
Allahabad (Bamrauli)	322	997·3	—0·3	994·9	91·4	+1·3	115	V	68·5	+2·1	42	I, XII	73·9	88·5	66·1	69·8	20·0	+0·5	17·7	72	+5
Fatehpur	375	995·3	..	991·9	91·8	+1·4	115	V, VI	67·4	+1·1	38	I	74·0	87·6	66·4	71·3	20·2	—0·1	19·6	65	—3
Cawnpore	414	994·2	0	991·1	90·6	+1·6	115	V	67·3	+1·3	38	I, XII	72·2	87·5	64·6	69·5	19·0	+0·1	17·5	69	+1
Lucknow	371	995·4	—0·3	992·6	90·5	+0·8	112	VI	67·4	+1·4	38	XII	72·9	86·2	66·3	71·3	20·6	+0·9	20·6	72	+3
Bahraich	407	994·2	—0·1	991·5	89·2	+0·9	109	VI	66·4	+0·6	41	I	72·5	85·6	66·7	71·6	21·3	+0·7	21·2	75	+2
U. P., West.																					
Jhansi	824	980·1	—0·7	977·0	90·7	—0·5	117	V	67·7	+0·8	41	I, XII	72·2	88·1	63·9	69·7	18·0	+0·3	17·5	65	+7
Agra	553	989·3	—0·2	986·6	90·7	+0·7	116	V	67·3	+2·2	38	I	70·9	88·4	63·6	69·3	18·4	+2·1	17·4	68	+10
Mainpuri	516	990·1	—0·5	987·5	91·2	+0·6	117	V	66·1	+1·1	37	I, XII	71·5	87·4	65·0	71·3	19·9	+1·7	19·9	72	+7
Aligarh	615	987·0	..	984·2	91·0	+2·2	115	V, VI	66·4	+1·0	37	I, XII	71·4	87·9	62·1	68·5	18·4	+1·6	16·1	67	+7
Bareilly	568	988·4	—0·5	984·9	89·2	+1·6	113	VI	66·7	+1·7	42	I, XII	72·7	85·0	65·7	69·6	20·0	+0·3	18·8	70	—3
Roorkee	899	977·1	—0·5	974·2	86·3	+0·1	112	VI	63·4	+1·2	38	I, XII	68·7	84·4	62·6	68·7	18·0	+0·6	18·1	72	0
Dehra Dun	2,239	931·8	—0·9	930·6	82·8	+0·7	106	V, VI	60·8	+0·5	38	I	65·4	79·1	60·5	60·7	16·5	+0·8	18·2	71	0
East Punjab.																					
New Delhi	714	983·0	—0·9	980·3	90·0	+1·2	114	V	66·2	+1·7	35	I	71·1	85·1	62·0	66·7	16·5	—0·1	15·7	61	0
Hissar*	725	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
Ambala*	892	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ludhiana	812	980·1	—0·2	977·7	90·3	+2·2	117	V, VI	..	..	..	.	69·3	87·0	63·0	70·7	18·7	+2·3	19·5	74	+7
Kashmir.†																					
Srinagar	5,205	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gulmarg	8,709	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dras	10,059	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Leh	11,529	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Skardu	7,505	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gilgit	4,890	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Misgar	10,190	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rajputana, West.																					
Sri Ganganagar	580	988·5	..	981·7	93·0	+2·2	118	V	63·9	+2·8	34	I, XII	70·1	89·7	60·8	68·1	15·9	+0·8	14·8	62	+2
Bikaner	734	982·6	—0·5	980·0	93·7	..	116	V	65·6	..	33	I, XII	70·0	92·2	59·5	70·1	14·4	..	15·9	54	..
Phalodi	783	982·9	..	979·4	93·3	..	116	V	67·2	..	35	I	69·1	92·6	..	..	..	..	..	..	..
Jodhpur	736	991·8	—0·5	980·5	92·9	+1·2	116	V	67·9	+1·3	38	XII	71·2	91·1	61·6	67·5	15·9	+0·6	13·0	54	—1
Barmer	638	986·4	—0·1	983·7	94·7	+2·3	118	V	68·8	+0·4	44	XII	72·1	91·0	64·0	72·2	18·1	—0·4	15·9	61	—3
Rajputana, East.																					
Sikar	1,406	960·2	..	957·6	91·5	..	115	V	64·1	..	34	XII	68·9	88·3	60·0	66·5	15·4	..	13·2	60	..
Jaipur	1,431	959·9	—0·3	957·2	90·2	+0·3	115	V	65·7	+1·1	37	XII	69·2	86·9	61·9	67·2	15·8	+0·6	13·4	58	+3
Ajmer	1,593	955·1	0	951·7	88·5	+0·3	112	V	65·7	+0·5	33	XII	73·3	86·6	64·2	67·5	18·1	+2·2	15·5	61	+4
Kotah	843	979·9	—0·3	976·7	92·0	+0·1	116	V	69·9	+0·5	45	I	73·3	89·2	64·4	69·2	18·0	+1·9	16·1	62	+8
Brijnagar	1,053	972·4	—0·4	969·2	90·5	+0·3	115	V	66·5	+1·1	39	XII	71·1	90·2	63·3	68·6	17·5	+0·1	16·6	67	+5
Rajsamand‡	1,882	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

*Data incomplete hence no means.
†Data for Kashmir stations not available hence no means.
‡Data not available for complete year hence no annual means.

nd 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947—*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
																													U.P., East.
3·5	0	3·3	46·44	—5·62	5·10	VII	58	+2·4	3·4	—0·1	10	2	162	8	4	5	91	7	76	14	7	90	16	4	5	119	39	71	Gonda.
3·6	+0·9	3·1	47·24	—2·92	6·46	VII	56	—13·0	2·9	+1·0	7	60	81	31	10	31	45	4	96	19	31	39	35	12	23	84	37	85	Gorakhpur.
3·4	+0·5	3·5	29·16	—11·81	2·96	VII	47	—6·0	4·8	+1·9	9	25	68	27	31	116	39	4	46	31	26	36	8	5	25	113	96	25	Benares.
4·1	+0·5	4·2	34·55	—7·27	3·30	VII	49	—4·1	3·6	+0·1	8	20	50	20	28	52	72	15	100	54	29	39	11	9	15	84	87	37	Allahabad (Bamrauli).
3·1	0	3·3	33·55	—1·24	4·42	IX	32	—21·2	2·3	—0·6	0	14	36	21	8	18	53	38	177	12	20	23	1	1	12	37	92	167	Fatehpur.
3·2	+1·1	3·3	42·99	+7·08	6·08	VIII	50	+4·3	5·8	+0·6	19	30	57	32	24	56	66	17	64	69	36	33	12	9	20	76	88	22	Cawnpore.
3·3	+0·3	3·1	49·69	+9·67	12·27	VII	48	—1·2	2·0	+0·2	4	5	85	9	20	12	58	15	157	19	4	45	4	17	9	91	23	153	Lucknow.
3·4	+0·9	3·2	54·54	+8·68	4·68	VII	62	+14·0	3·7	+1·4	9	9	80	53	4	18	20	25	147	4	6	37	38	..	34	43	38	165	Bahraich.
																													U. P., West.
3·0	+0·4	4·0	42·11	+5·24	4·02	VII	59	+12·4	2·4	—0·7	6	26	4	2	11	58	72	20	166	8	17	12	2	7	34	110	69	106	Jhansi.
3·2	+0·3	3·0	41·37	+14·63	4·55	IX	48	+10·6	2·4	—1·0	19	12	24	3	25	28	53	13	†187	34	16	27	6	24	26	47	72	§108	Agra.
3·2	+0·1	3·3	23·00	—4·98	1·77	VI	46	+7·6	2·5	+0·6	12	10	35	45	18	46	82	64	53	16	14	31	30	16	35	89	86	48	Mainpuri.
3·0	+0·5	3·5	33·19	+2·34	6·37	IX	41	+2·2	4·0	0	13	3	65	16	7	7	105	15	134	43	9	48	13	7	15	63	103	64	Aligarh.
3·8	+0·6	4·1	44·89	+2·24	5·42	VIII	47	+0·3	2·9	+1·0	24	16	73	54	13	22	54	28	81	43	18	33	20	8	20	86	57	80	Bareilly.
3·3	+0·3	3·1	49·14	+7·82	6·39	IX	51	+3·2	2·5	+0·4	4	16	4	148	1	12	5	55	120	7	16	6	90	5	21	12	162	‖44	Roorkee.
3·3	—0·7	4·0	100·94	+15·94	5·37	VII	89	+8·0	1·9	+0·1	33	30	4	8	7	9	35	20	219	30	13	5	17	20	49	91	34	106	Dehra Dun.
																													Punjab, East.
3·4	+0·5	3·8	20·24	—6·00	2·82	IX	42	+5·9	4·5	..	10	18	34	32	19	47	105	35	65	57	34	36	27	10	11	40	119	‖29	New Delhi.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Hissar.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Ambala.
2·5	—0·2	2·4	*36·22	..	..	..	..	..	1·9	+0·3	6	38	15	50	10	53	26	29	‡119	12	52	9	23	3	47	19	88	73	Ludhiana.
																													Kashmir.†
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Srinagar.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Gulmarg.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Dras.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Leh.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Skardu.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Gilgit.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Misgar.
																													Rajputana, West.
2·2	—0·7	1·2	8·46	—1·81	2·70	VIII	12	—6·5	4·0	+1·3	4	9	39	29	17	92	6	8	161	15	26	17	6	1	59	44	52	145	Sri Ganganagar.
1·0	—1·1	1·4	9·94	—1·53	1·80	X	13	—6·0	3·8	—0·9	1	20	2	20	3	140	7	15	157	12	72	1	18	1	141	20	56	44	Bikaner.
2·4	..	2·5	4·74	—4·15	1·86	IX	8	—6·4	9·6	..	18	10	9	50	77	145	18	9	‖27	51	35	5	20	50	117	36	42	9	Phalodi.
2·5	—0·7	2·8	14·97	+0·76	2·40	VIII	13	—7·0	4·2	—3·7	4	113	6	2	20	62	61	7	90	21	48	19	16	8	101	65	29	58	Jodhpur.
2·4	—0·5	2·2	10·21	—1·62	5·56	VIII	7	—9·4	5·3	—0·4	6	5	2	7	26	88	42	84	105	21	45	5	13	38	116	40	26	61	Barmer.
																													Rajputana, East.
3·6	..	3·4	24·38	..	3·53	VIII	32	..	4·1	..	2	5	42	85	8	69	46	7	¶88	34	16	27	14	5	43	108	102	16	Sikar.
3·3	+0·5	4·3	21·86	—2·16	1·66	VIII	44	+8·4	5·2	+1·0	38	26	44	13	7	18	46	45	128	50	11	26	13	17	39	90	66	53	Jaipur.
3·4	—0·2	3·4	18·97	—1·80	2·20	IX	36	+12·2	5·2	+1·5	4	11	2	5	4	76	77	6	**174	10	32	6	12	2	100	108	25	**64	Ajmer.
3·1	—0·3	3·6	44·06	+14·52	4·58	IX	46	+9·5	3·5	+1·0	11	9	8	2	3	45	98	30	159	34	30	13	11	5	44	74	56	98	Kotah.
3·0	—0·1	3·4	62·42	+26·17	9·71	VII	54	+7·7	4·0	+0·8	20	15	7	13	14	42	72	45	137	55	55	13	9	3	46	77	65	42	Bijnagar.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Rajsamand. ‡

*Total for 350 days.
†Total for 364 days.
‡Total for 346 days.
§Total for 360 days.
‖Total for 363 days.
¶Total for 352 days.
**Total for 359 days.

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

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure at station level, millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relat humi %	
		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
GUJARAT																					
Deesa*	466	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..
Bhuj	343	997·4	—0·1	994·6	91·5	+0·4	111	V	68·4	+0·3	41	XII	71·1	89·3	66·0	69·3	20·8	+0·4	16·1	74	+
Dwarka	37	1,007·9	—0·7	1,006·0	84·2	—0·2	94	IV	73·1	+0·1	56	1,XII	74·8	81·7	70·8	73·5	24·9	+0·5	25·2	80	
Jamnagar	60	1,007·2	—0·4	..	88·7	—0·7	107	V	69·5	+1·5	48	I	75·1	..	69·9	..	23·8	+1·4	..	75	+
Rajkot	432	994·3	—0.3	991·2	92·8	—0·1	112	V	67·6	+1·2	44	I	70·8	90·6	66·1	70·1	21·3	+1·6	16·7	76	+
Veraval†	26	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Surat	39	1,008·0	—0·5	1,004·6	91·7	+0·2	109	IV	71·8	+1·4	52	I	75·1	88·0	70·3	76·2	24·0	+1·6	25·8	76	+
Bhavnagar	55	1,007·6	—0·4	1,004·2	92·7	—0·8	110	V	68·8	—0·2	47	I, II	71·5	90·5	65·3	71·3	19·7	+0·4	18·0	69	+
Ahmedabad	163	1,004·0	—0·3	1,000·5	92·9	—1·6	109	IV, V	71·8	+1·1	51	I	74·0	91·1	66·7	71·7	20·2	+1·1	18·3	66	
Dohad	1,093	972·4	..	969·5	91·0	0	110	V	68·0	+0·9	43	XII	70·8	88·2	64·3	69·6	18·6	—0·2	19·6	69	
Baroda	115	1,005.6	..	1,002·1	93·8	+0·4	111	IV, V	67·9	+1·7	43	I	71·6	90·5	67·1	73·5	21·9	+1·9	20·9	78	
CENTRAL INDIA, WEST.																					
Neemuch	1,626	954·0	—0·3	951·5	89·0	+0·3	114	V	65·6	+1·0	41	XII	69·3	86·4	62·6	68·1	17·9	+1·3	16·7	69	
Indore	1,823	947·3	—0·5	944·4	87·7	—0·5	112	V	64·4	+0·6	41	XII	68·3	85·9	62·7	67·3	17·9	+0·9	15·5	74	+
Bhopal	1,643	953·3	—0·2	950·5	88·7	+0·3	114	V	66·1	+0·8	43	I	71·3	85·7	63·5	68·1	17·7	+1·5	16·6	67	
Guna	1,571	955·5	—0·1	953·1	89·5	+0·6	114	V	64·4	+1·4	36	XII	68·7	86·7	61·7	67·9	17·0	+0·9	16·3	69	
Gwalior	681	984·9	..	981·9	91·2	..	118	V	67·3	..	33	I	74·7	88·2	64·2	69·9	17·1	..	17·5	58	
Madhosagar	757	982·7	..	979·2	91·2	..	118	V	69·9	..	44	I	72·6	87·6	64·9	68·9	18·1	..	16·5	61	
CENTRAL INDIA, EAST.																					
Nowgong	750	982·8	—0·3	979·5	90·6	+0.9	117	V	65·2	—0·1	37	I	71·0	87·6	64·4	70·2	19·2	+1·0	18·3	72	
Sutna	1,041	972·2	—0·7	969·4	90·1	+1·7	116	V	65·7	—0·2	38	I	71·3	86·5	64·5	69·2	18·9	+1·2	17·2	71	
Umaria	1,506	957·3	..	954·3	88·5	+0·7	113	V	65·0	+0·9	40	I, XII	71·3	85·0	63·8	68·9	18·1	+0·8	18·1	69	
BERAR.																					
Akola	925	977·3	—0·7	973·4	93·3	0	118	V	69·5	+1·7	49	XII	73·2	90·7	65·4	70·3	18·5	+1·5	16·3	65	
Amraoti	1,213	967·9	—0·1	964·3	91·4	—0·6	116	V	70·6	+0·4	52	XII	74·3	89·3	65·8	71·1	18·4	+1·3	18·1	63	
C. P., WEST.																					
Khandwa	1,044	973·2	—0·7	969·5	92·1	—0·2	117	V	67·8	+0·8	47	XI, XII	73·2	89·5	64·8	69·7	18·0	+1·2	16·2	63	
Hoshangabad	992	975·2	—0·6	971·5	89·2	—0·6	115	V	68·4	+0·7	47	XII	71·8	87·4	64·7	69·7	18·5	+1·1	17·2	68	
Saugor	1,808	947·3	—0·3	944·5	86·9	—1·0	113	V	67·5	+0·9	43	I	71·8	83·4	62·4	65·8	16·2	+0·9	15·2	59	
Jubbulpore	1,289	964·8	—0·1	961·5	89·5	+1·2	114	V	65·3	+1·6	42	I, XII	71·7	85·7	64·4	69·3	18·2	+0·8	17·5	69	
Seoni	2,027	940·7	0	937·8	87·3	—0·1	112	V	65·8	+1·1	45	XII	72·2	83·6	63·1	67·7	17·6	+1·1	17·1	65	
Nagpur	1,022	973·9	—0·5	970·4	92·0	—0·1	117	V	70·8	+0·7	52	XII	75·4	88·8	66·4	70·6	18·6	+0·8	17·6	63	
C. P., EAST.																					
Gondia	1,026	974·2	..	970·7	90·0	..	115	V	69·4	..	48	II	74·3	87·5	67·8	71·5	20·9	..	19·5	72	
Pendra	2,040	939·6	—0·4	936·8	86·0	+1·6	110	V	66·5	+1·9	44	I	72·7	81·9	64·5	67·9	18·0	+0·8	17·9	66	
Champa	805	981·3	..	977·7	91·5	..	117	V	70·6	..	51	I	74·2	88·7	67·3	71·3	20·4	..	19·0	71	
Raipur	970	975·7	—0·1	972·2	90·9	+0·6	116	V	71·2	+1·9	52	I, XII	77·0	87·7	68·2	71·0	20·2	+0·9	18·7	65	
Titilagarh	691	984·9	..	981·2	91·7	..	115	V	71·9	..	50	II, XII	75·7	88·3	69·1	72·0	21·9	..	19·7	73	
Kanker	1,318	964·3	+0·1	960·9	89·1	+0·4	112	V	68·7	+1·9	47	XII	75·0	86·4	68·1	73·0	20·9	+1·0	21·9	71	
Chanda	634	987·5	—0·3	983·7	92·2	—0·4	116	V	70·6	+1·8	47	XII	76·0	89·7	69·0	73·9	21·5	+1·4	21·8	72	
Jagdalpur	1,815	947·7	—0·3	944·4	88·0	+0·4	111	V	66·5	+1·7	45	XII	72·5	83·7	67·2	69·4	21·1	—0·2	19·0	78	
KONKAN.																					
Dahanu	15	1,008·9	..	1,007·5	87·4	..	98	XI	72·0	..	54	I	75·2	83·9	72·1	77·0	26·2	..	31·3	86	
Bombay	35	1,008·3	—0·7	1,005·9	87·7	+0·9	99	IV	74·7	+0·9	62	I, II	77·8	83·6	73·5	76·0	26·6	+1·0	27·4	81	
Alibag	23	1,009·5	+0·1	..	86·1	+0·3	101	IV	72·8	+0·2	56	I	76·3	..	72·4	..	25·7	+1·2	..	82	
Harnai	66	1,006·9	..	1,005·4	84·7	..	94	XI	75·0	..	60	II	78·6	82·1	73·0	76·4	25·6	..	28·8	76	
Devgad	117	1,005·8	..	1,003·2	87·0	..	95	VI	76·3	..	63	XII	78·3	83·7	74·3	77·5	27·2	..	29·4	82	
Marmagao	202	1,003·6	+0·1	1,000·5	85·5	+0·7	93	IV, XI, XII	74·8	+0·2	65	I	79·2	82·9	73·9	75·8	26·4	+0·6	27·3	77	
Honavar	85	1,008·2	..	1,005·3	87·6	..	96	XII	73·4	..	60	II	77·4	83·9	73·3	76·8	26·4	..	28·3	82	

*Data not reliable hence no annual means.
†Data incomplete hence no means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947—*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
																													GUJARAT.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Deesa. *
2·7	—0·3	2·7	9·09	—4·53	2·35	VIII	15	—0·8	6·8	—0·3	1	2	1	2	5	78	85	12	179	64	26	6	6	9	86	118	24	¶25	Bhuj.
3·9	+0·1	3·3	13·93	0	2·36	VIII	17	+1·2	11·8	+2·0	60	62	8	2	2	47	116	55	13	21	21	3	1	0	54	141	124	0	Dwarka.
3·8	+1·0	..	23·87	—5·31	5·82	VIII	18	—2·3	7·1	—2·6	13	16	2	3	1	89	98	0	143	..	..	..	..	..	..	..	..	..	Jamnagar.
3·1	—0·6	2·9	18·27	—6·53	2·82	IX	31	+1·0	9·5	+2·3	11	20	22	11	26	86	72	35	82	38	43	25	10	11	61	94	69	14	Rajkot.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Veraval. †
4·5	+0·6	3·7	37·05	—4·62	3·85	IV	40	—7·6	5·1	+0·7	16	43	33	20	21	77	40	16	99	17	22	2	2	20	165	57	62	18	Surat.
2·9	—0·7	3·6	53·17	+31·08	12·07	IV	35	+5·2	5·1	0	10	3	2	5	27	120	130	17	51	24	52	50	29	50	68	49	23	20	Bhavnagar.
3·5	+0·3	3·2	25·58	—3·63	2·77	VII	38	+2·0	3·9	—0·1	18	60	45	5	20	61	46	47	63	17	29	19	12	20	69	64	46	89	Ahmedabad.
4·3	+0·4	3·3	16·35	—11·80	2·30	VIII	29	—11·2	10·6	+5·2	8	31	41	25	38	85	103	6	28	31	25	16	11	14	91	152	17	8	Dohad.
3·6	+0·3	3·4	31·06	—5·63	2·81	IV	41	+1·4	3·8	—0·6	8	25	6	6	14	77	48	10	171	29	22	13	4	10	78	73	48	88	Baroda.
																													CENTRAL INDIA, WEST.
4·1	+1·1	4·7	37·53	+6·42	6·99	IX	38	+1·9	6·3	+0·4	17	85	20	7	4	62	97	21	52	10	99	11	9	2	96	86	24	28	Neemuch.
3·9	+0·2	4·3	38·08	+3·36	3·27	VIII	52	+5·3	4·1	+0·6	9	28	20	29	5	56	102	15	101	32	59	13	28	12	74	84	39	24	Indore.
4·0	+0·5	4·4	55·92	+3·61	9·18	IX	50	+3·9	4·2	+0·5	9	20	4	13	7	50	96	25	141	18	51	10	9	11	33	129	33	71	Bhopal.
3·1	+0·3	3·2	55·26	+5·90	11·75	IX	51	—1·9	4·7	+0·9	9	3	4	22	8	62	56	11	190	35	7	12	8	7	50	85	55	106	Guna.
3·5	..	4·0	41·99	..	5·90	VII	53	..	2·4	..	8	7	8	7	18	27	66	37	187	36	24	15	10	6	18	41	86	129	Gwalior.
3·5	..	3·8	40·22	..	3·11	VIII	57	..	5·7	..	19	28	9	5	25	138	60	22	59	57	50	14	12	15	43	65	89	20	Madhosagar.
																													CENTRAL INDIA, EAST.
3·3	—0·3	3·9	49·03	+6·92	4·27	VII	59	+9·9	3·2	+1·2	8	29	9	5	49	140	30	7	88	38	60	6	3	10	77	74	58	39	Nowgong.
3·9	+0·4	4·2	42·77	—2·63	3·77	IX	56	—0·2	3·3	0	9	8	20	18	16	72	73	17	132	16	26	23	8	4	46	107	80	55	Sutna.
3·9	—0·4	4·2	61·38	+7·20	10·48	VIII	66	—2·1	3·0	+0·1	12	4	29	28	45	47	82	3	115	60	32	20	8	8	27	117	52	41	Umaria.
																													BERAR.
3·6	—0·1	4·1	28·33	—3·82	3·20	IX	40	—5·1	5·7	+1·1	4	24	21	11	11	20	131	35	108	32	63	18	8	12	13	73	109	37	Akola.
4·3	+0·6	4·8	47·16	+13·64	5·62	IX	53	+4·5	7·1	+2·3	8	107	45	15	17	26	16	30	1	12	71	8	39	2	104	8	119	2	Amraoti.
																													C. P., WEST.
4·5	+1·3	5·0	23·16	—7·57	3·20	VII	41	—1·1	..	..	18	29	20	19	26	48	109	31	65	62	42	23	15	16	42	80	72	8	Khandwa.
4·4	+0·8	4·8	68·43	+18·37	6·42	IX	74	+17·4	3·2	+0·7	6	46	75	16	22	77	63	4	56	32	34	48	9	13	58	103	29	39	Hoshangabad.
4·8	+1·4	5·3	78·98	+31·32	6·27	IX	61	+2·6	9·1	—0·7	11	54	38	46	27	72	86	27	4	41	50	24	14	7	70	91	66	‡0	Saugor.
4·1	+0·6	4·5	65·70	+8·15	4·32	VII	68	+3·1	3·8	+1·6	14	11	13	95	32	41	70	8	81	48	74	13	25	16	57	52	48	32	Jubbulpore.
5·5	+2·0	4·8	68·93	+15·27	8·19	IX	78	+7·6	3·5	+0·4	52	46	9	20	28	37	44	27	102	70	46	32	37	49	38	47	32	14	Seoni.
4·5	+0·6	5·2	48·82	—0·42	3·55	VIII	73	+10·4	3·6	—1·3	131	22	11	5	31	32	54	43	36	56	54	37	13	26	30	86	29	34	Nagpur.
																													C. P., EAST.
3·7	..	3·8	65·23	..	5·83	VIII	68	..	3·2	..	68	36	19	39	24	66	28	48	$34	74	41	18	22	17	66	50		‡12	Gondia.
4·1	+0·4	4·6	51·15	—2·93	3·60	VIII	71	—6·3	4·1	+0·6	60	18	11	16	69	29	27	79	56	113	23	15	18	53	28	27	70	18	Pendra.
4·3	..	4·8	70·28	..	13·67	VII	78	..	4·8	..	90	33	23	14	8	40	50	60	47	70	22	17	16	18	33	75	90	24	Champa.
4·3	+0·6	4·6	85·64	+33·20	6·00	VII	71	+6·7	4·2	+0·5	6	89	3	10	2	86	10	34	¶124	12	119	1	7	1	76	15	58	76	Raipur.
4·0	..	4·3	54·12	..	5·36	VIII	76	..	2·3	..	14	15	3	34	67	41	11	6	174	58	48	8	16	33	42	37	37	86	Titilagarh.
5·0	+1·3	6·4	62·74	+4·61	6·78	VIII	69	—2·9	3·9	+0·4	3	7	1	2	3	72	31	8	238	26	24	4	9	0	70	58	54	12	Kanker.
4·1	+0·4	4·8	52·18	+0·06	4·12	VIII	63	—0·3	3·9	+0·9	0	24	3	42	2	62	9	96	127	21	40	27	40	3	32	10	98	94	Chanda.
4·6	+0·4	5·4	70·40	+7·14	3·22	VII	97	+14·0	3·9	+1·3	0	39	0	8	3	131	3	44	137	0	63	0	9	1	140	8	83	61	Jagdalpur.
																													KONKAN.
5·1	..	4·0	77·35	..	7·01	VIII	64	..	9·6	..	15	21	133	87	7	37	56	6	3	92	1	1	1	2	54	135	76	‡1	Dahanu.
4·4	+0·1	3·7	77·08	+5·87	10·45	IX	72	—1·7	7·0	—0·6	29	62	51	24	13	25	56	56	49	102	0	3	3	8	39	82	127	1	Bombay.
4·3	—0·4	..	71·79	—10·03	4·84	IX	85	+1·2	6·4	—1·9	20	55	77	26	6	50	31	5	95	..	..	..	..	..	..	..	..	..	Alibag.
..	..	..	107·41	..	6·95	X	85	..	8·8	..	46	59	70	36	16	39	57	42	0	4	1	0	6	11	62	174	107	0	Harnai.
4·7	..	4·6	78·41	..	4·87	VIII	82	..	10·1	..	12	79	121	25	11	14	41	61	1	5	1	4	2	2	12	97	242	0	Devgad.
4·9	0	4·7	106·49	+5·74	6·36	VI	92	—6·8	8·0	+1·5	33	57	106	37	24	22	63	23	0	8	5	3	0	9	43	173	123	¶0	Marmagao.
5·8	..	5·5	152·16	+13·64	8·74	VII	114	+3·5	2·6	..	2	26	154	35	7	3	31	7	100	4	2	7	7	9	17	170	101	48	Honavar.

¶Total for 364 days. $Total for 362 days. ‡Total for 363 days

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

STATION.	Height of bar, cistern above mean sea level in feet.	Pressure at station level, 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.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BOMBAY, DECCAN.																					
Jalgaon	660	986·0	..	982·6	94·2	..	118	V	68·2	..	45	I, XII	72·9	92·4	66·4	73·3	20·0	..	19·7	70	..
Malegaon	1,432	960·7	—0·5	956·9	92·2	0	111	V	66·2	+1·0	6	XII	71·9	89·1	64·3	69·3	17·9	+0·8	15·9	65	+4
Ahmednagar	2,154	936·9	—0·7	933·0	90·0	+0·3	109	V	65·2	+1·0	44	I	71·1	86·8	63·4	68·5	17·5	+1·1	16·6	66	+7
Poona	1,834	947·9	—0·3	944·8	89·7	+0·3	107	V	65·7	+1·3	47	I, XII	69·4	86·0	64·8	69·1	19·5	+1·8	17·4	78	+6
Sholapur	1,570	956·9	+0·1	952·9	93·0	+0·3	111	V	69·0	+0·5	51	XII	73·5	89·6	65·8	70·0	18·9	+1·8	17·1	66	+7
Miraj	1,817	948·4	..	944·9	90·3	+1·7	106	V	66·9	+0·9	48	XII	70·7	86·4	65·8	70·6	20·3	+1·0	19·4	77	+5
Kolhapur	1,885	946·5	..	943·3	87·9	..	104	V	66·7	..	50	XII	69·9	84·6	65·2	69·0	19·6	..	18·0	77	..
Bijapur	1,950	944·9	+0·5	940·9	90·1	—0·6	105	V	..	..	50	XII	73·3	87·9	66·4	69·6	19·7	+1·1	17·4	69	+2
Belgaum	2,562	924·4	—0·2	921·6	84·0	—0·7	100	V	64·1	0	53	I, II, XI	68·1	80·1	64·4	67·9	19·3	+1·0	18·4	82	+6
Cadaj	2,131	938·6	0	935·3	88·7	+0·1	105	V	68·4	+0·5	57	XII	73·3	85·8	67·4	71·3	21·0	+1·2	20·6	75	+1
HYDERABAD, NORTH.																					
Aurangabad	1,905	945·7	—0·3	942·1	90·7	+0·3	110	V	67·8	+1·3	51	XII	73·0	87·7	65·3	70·4	18·6	+2·5	18·5	67	+8
Parbhani	1,350	962·3	..	958·3	93·2	..	114	V	68·3	..	49	XII	74·0	90·1	66·4	70·9	19·2	..	17·6	64	..
Bidar	2,178	936·1	..	932·6	87·2	—1·5	107	V	70·1	+1·6	57	I	74·6	85·2	67·2	69·1	19·9	+0·7	17·9	69	+1
Nizamabad	1,250	966·5	—0·6	962·8	92·0	0	113	V	71·0	+2·1	49	XII	74·7	89·6	67·5	70·4	19·8	+0·3	16·9	69	+3
Peddapalli △	755	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
HYDERABAD, SOUTH.																					
Gulbarga ⊗	1,503	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Raichur	1,311	965·2	—0·3	961·3	91·8	—0·7	109	V	72·5	+0·7	59	I, XII	76·0	89·7	69·3	71·7	21·7	+1·0	18·8	71	+4
Hyderabad (Begumpet)	1,778	949·5	0	946·0	90·5	+0·1	109	V	69·9	+1·5	50	XII	73·9	86·6	68·3	71·4	21·6	+1·0	20·2	76	+4
Hanamkonda	881	979·2	—0·5	975·5	92·5	+1·2	114	V	73·1	+1·6	55	XII	76·7	89·7	70·8	72·0	23·3	+1·4	19·0	75	+5
Khammameth	367	997·0	..	992·8	63·6	[illegible]	117	V	72·0	..	54	XII	78·5	91·1	73·9	75·7	26·9	..	23·8	80	..
MYSORE.																					
Chitaldrug	2,405	929·5	—0·1	926·0	86·6	—0·8	101	IV	68·2	+0·3	55	XII	71·8	84·3	67·1	69·0	20·9	+1·3	18·0	78	+6
Hassan	3,149	906·0	..	903·2	82·9	—0·9	95	IV, V	64·6	+1·2	52	II, XII	68·4	68·5	65·2	67·8	20·0	+0·5	18·9	84	+5
Bangalore	3,021	909·8	—0·3	906·8	83·3	—0·7	96	V	65·7	+1·7	54	II	68·9	80·4	65·5	66·2	20·1	+0·5	16·3	83	+3
Mysore	2,518	926·4	—0·1	923·1	84·6	—1·7	97	IV	66·9	+0·7	56	I	70·0	82·7	66·7	68·1	21·2	+0·7	17·7	84	+6
MALABAR.																					
Mangalore	72	1,008·4	—0·1	1,005·5	86·7	—0·6	93	I, XI, XII	74·9	+0·5	67	II, XII	78·0	83·5	74·2	76·8	27·3	+0·7	28·5	83	+
Calicut	27	1,009·7	—0·4	1,006·8	87·4	+0·5	95	V	75·0	+0·4	64	II	77·5	85·4	74·5	78·1	27·9	+0·4	29·3	87	+1
Palghat	319	999·9	..	996·3	89·6	..	102	III	74·5	..	68	XI	77·4	85·9	73·9	75·8	27·1	..	26·0	84	..
Cochin	10	1,010·7	—0·3	1,007·6	85·7	+0·2	91	I, XI	75·9	+0·2	69	I	79·2	83·4	75·6	77·4	28·7	+1·4	29·4	84	+2
Alleppey	12	1,010·4	..	1,007·5	87·6	..	94	III	75·7	..	68	I	79·6	84·1	76·5	77·9	29·9	..	29·8	87	..
Trivandrum	2 1	1,003·6	—0·2	1,000·7	86·7	..	95	III	74·4	..	68	XII	76·9	83·1	74·5	76·5	28·1	+0·9	28·1	89	+4
Nagercoil	195	1,003.9	..	1,000·0	89·2	..	97	IV	75·9	..	71	I, XI, XII	79·1	84·1	73·7	75·7	26·2	..	26·6	77	..
MADRAS, SOUTH-EAST.																					
Pamban	37	1,009·1	+0·1	1,006·0	87·5	—0·2	93	IV, V	78·3	+0·6	73	III, IV, XII	82·5	82·8	77·9	78·2	30·7	+1·3	30·9	81	—1
Madura	437	995·3	—0·2	991·5	92·8	+0·2	103	IV, V	75·3	+1·1	65	XII	80·0	89·0	73·7	75·4	25·7	+1·2	24·0	73	+1
Negapatam	31	1,009·1	—0·2	1,005·9	89·4	—0·6	102	IV	77·1	+0·5	68	II, XII	80·8	85·3	75·3	77·2	27·6	+0·3	28·3	77	0
Trichinopoly	255	1,001·9	0	998·0	92·9	—1·2	105	V	75·0	+0·4	63	II	79·5	90·1	73·6	75·3	25·7	+0·8	23·4	75	+3
Coimbatore	1,341	964·8	—0·4	961·3	88·7	—0·6	97	III, V	71·1	+1·2	60	XII	74·4	85·1	70·3	71·9	23·5	-0·6	20·9	81	—1
Salem	913	979·2	—0·4	974·9	91·9	—0·9	105	V	72·7	+1·1	62	II, XII	75·1	88·3	70·9	73·6	24·1	—0·5	21·6	81	+3
Cuddalore	39	1,008·9	—0·1	1,005·4	89·7	+0·6	105	IV	75·7	+0·7	64	XII	78·5	85·5	74·4	77·1	27·3	—0·3	23·1	83	+3
Vellore	703	986·1	+0·1	982·2	91·4	—0·3	107	IV	73·6	+1·1	58	XII	77·3	88·8	72·6	75·3	25·4	+1·0	23·9	79	+1
Madras	51	1,008·2	—0·2	1,004·8	90·9	—1·3	107	V	75·9	+1·0	64	XII	80·3	85·9	75·0	76·2	27·3	+1·0	26·6	78	+2
Arogyavaram	2,299	933·2	..	929·8	86·3	..	102	V	68	..	53	II	73·3	83·2	67·8	69·2	21·1	..	8·	76	..

△ Data not reliable hence no means.
⊗ Data not available hence no means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947—*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.									STATION.
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.
4·3	..	3·9	27·85	—2·65	1·63	VIII	45	—1·3	6·9	..	0	21	52	53	18	41	111	39	30	26	50	39	16	23	18	101	88	4	Jalgaon.
3·4	0	4·4	28·22	+6·64	4·03	IX	35	+1·3	5·3	—0·6	6	4	1	4	5	82	99	53	111	26	70	26	8	9	48	94	60	24	Malegaon.
3·1	—0·2	4·0	32·82	+9·15	4·46	IX	46	+9·5	5·9	—0·2	5	8	2	14	0	42	5	249	40	9	60	14	21	12	52	23	155	18†	Ahmednagar.
4·2	+0·4	4·8	24·43	—2·06	3·04	VII	46	—0·7	3·1	—3·2	1	0	4	2	1	15	126	4	212	6	14	35	6	7	13	190	23	71	Poona.
4·8	+1·1	5·7	30·75	+3·55	2·31	IX	48	+6·8	6·5	—0·5	35	35	30	37	4	97	19	64	44	38	51	34	31	7	105	34	40	24†	Sholapur.
4·2	—0·4	5·3	21·83	—3·86	2·74	VIII	49	+2·8	7·2	+0·5	18	29	35	8	4	44	97	45	85	23	43	52	16	13	27	140	31	20	Miraj.
3·7	..	4·3	..	..	..	..	..	..	8·1	..	1	24	45	2	3	23	138	11	118	7	48	42	8	2	19	204	23	12	Kolahpur.
3·3	—0·5	4·6	19·09	—1·02	1·02	VIII, IX	39	+6·1	5·6	+0·4	37	21	14	25	36	67	92	56	17	42	51	36	25	26	48	78	51	8	Bijapur
3·7	—0·8	4·5	45·45	—5·50	3·26	VII	88	+7·1	4·3	+0·3	35	69	69	6	19	124	44	2	1	22	47	49	9	26	180	29	3	0	Belgaum.
5·7	+1·6	6·2	28·29	+3·87	6·75	X	46	—0·3	7·3	+0·3	5	39	56	20	6	78	95	36	30	10	67	70	15	5	57	93	40	8	Gadag.
																													HYDERABAD, NORTH.
3·0	—1·0	3·7	29·42	+0·13	2·69	IX	55	+10·2	8·0	+0·8	14	50	78	20	10	24	126	14	29	38	32	39	12	24	21	146	37	16	Aurangabad.
4·2	..	5·2	30·40	—2·06	3·47	IX	51	+3·8	..	..	15	47	49	9	12	31	124	55	23	22	72	29	9	8	26	117	62	20	Parbhani.
4·6	+0·7	5·9	37·92	+4·18	5·68	VIII	46	—7·3	8·3	+0·4	28	25	36	29	38	67	77	55	10	30	82	50	23	17	57	70	28	8	Bidar.
3·9	+0·4	4·7	39·00	—1·30	7·19	IX	60	+2·2	3·9	+0·5	6	9	8	25	14	87	48	19	149	58	67	18	28	12	62	44	42	34	Nizamabad.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Peddapalli.△
																													HYDERABAD SOUTH.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Gulbarga.(⊗)
4·6	+1·3	5·8	24·98	—0·56	2·02	VIII	52	+0·9	8·2	+1·2	6	37	38	80	14	77	59	51	3	10	44	58	88	10	54	30	69	1†	Raichur.
4·7	+0·3	5·5	37·76	+8·34	3·71	IX	51	+0·7	7·0	+1·4	10	15	15	40	8	17	101	43	116	20	69	55	62	10	31	65	39	14	Hyderabad (Begumpet).
4·6	+0·1	4·8	34·55	—2·43	3·81	IX	56	+2·2	5·9	+1·0	36	10	5	70	84	15	66	46	33	57	63	19	66	43	17	53	40	7	Hanamkonda.
4·1	..	4·3	34·77	..	6·00	IX	50	..	4·8	..	67	5	34	100	21	30	44	28	36	62	32	36	82	19	35	42	42	15	Khammameth.
																													MYSORE.
5·8	+0·7	6·4	25·04	—0·26	2·44	VIII	51	+5·2	6·1	+0·8	1	0	52	38	2	71	31	13	56†	12	39	87	28	4	50	90	30	25	Chitaldrug
4·9	—0·3	6·0	30·23	—4·77	1·31	X	80	+12·7	5·8	+1·4	4	20	48	51	8	106	52	48	22§	9	40	60	49	9	104	45	38	4	Hassan.
6·8	+1·3	6·2	35·85	+1·77	2·44	X	60	+2·8	7·1	+1·5	3	20	75	37	7	41	30	33	19	27	59	86	30	9	32	68	43	11	Bangalore.
7·5	+2·0	7·5	29·05	—2·13	2·23	X	59	+2·9	6·5	+0·4	7	63	28	6	5	82	11	5	58	18	78	77	12	4	45	103	13	15	Mysore.
																													MALABAR.
5·7	+0·4	5·6	128·13	—1·46	4·61	VIII	123	+5·2	5·0	+0·2	25	40	187	30	3	17	13	24	26	17	5	0	1	5	58	101	173	5	Mangalore.
6·5	+1·0	6·7	128·02	+6·56	7·44	VII	123	+7·8	6·7	+1·4	27	131	137	16	6	9	11	22	6	13	3	4	4	4	51	169	117	0	Calicut.
5·9	..	6·0	73·78	..	2·05	VII	99	..	5·9	..	0	7	87	38	1	51	144	11	26	1	12	79	20	0	50	170	29	4	Palghat.
7·0	+1·8	6·5	131·38	+16·05	6·13	VIII	136	+5·9	6·0	+1·4	15	66	148	35	4	7	24	12	54	8	4	1	3	4	41	198	98	8	Cochin.
7·5	..	6·6	144·98	..	5·48	VIII	150	..	5·9	..	13	69	109	47	7	7	16	39	58	12	1	1	1	3	28	158	160	1	Alleppey
5·4	—0·4	6·1	62·73	—4·06	3·28	VIII	107	+9·8	4·8	+0·4	112	93	32	17	2	2	9	78	20	11	7	0	1	21	83	117	114	11	Trivandrum.
6·6	..	7·4	39·11	..	2·58	VI	64	..	7·3	..	20	86	13	0	1	7	106	95	34*	7	39	10	10	17	78	158	38	5*	Nagercoil.
																													MADRAS, SOUTH EAST.
5·5	+1·6	4·8	29·60	—7·54	2·90	X	39	—8·5	8·6	0	64	58	21	36	93	62	15	15	1	67	66	18	46	102	53	2	11	0	Pamban.
5·8	+0·2	6·4	46·70	+12·33	4·51	IV	52	+1·5	3·7	—0·2	55	31	17	4	1	8	61	57	131	14	68	65	24	17	22	60	16	78†	Madura.
6·8	+1·4	6·3	35·44	—19·94	2·94	X	53	—2·5	7·7	+1·5	8	30	14	11	23	103	93	63	20	10	103	43	51	61	68	21	7	1	Negapatam.
4·8	..	5·2	36·89	+2·57	3·65	X	47	+0·2	4·7	+0·4	33	62	7	4	12	23	124	29	71	4	90	51	17	24	33	77	28	41	Trichinopoly.
5·7	+1·0	5·8	13·09	—10·14	1·55	IV	32	—12·6	5·7	+2·0	31	42	12	4	79	99	19	0	79	17	30	31	21	84	101	20	0	61	Coimbatore.
5·3	+0·7	6·3	38·33	—0·15	2·81	IX	52	—9·9	4·9	+1·2	5	61	59	1	28	115	26	1	69	2	28	95	24	32	51	37	5	91	Salem.
5·9	+0·9	6·1	41·92	—12·54	3·82	X	61	+5·5	6·5	+2·1	24	7	3	5	28	117	72	84	25	10	76	53	150	18	22	23	7	6	Cuddalore.
5·6	+1·4	6·2	31·26	—11·04	3·39	VII	51	—5·8	4·0	+0·7	11	15	7	1	10	45	50	44	182	5	40	77	48	36	58	31	16	54	Vellore.
5·8	+0·7	5·8	34·79	—15·13	4·45	X	53	—4·4	11·0	+0·2	9	24	13	25	32	105	79	77	1	10	91	38	175	7	10	21	13	0	Madras.
6·0	..	6·3	18·90	..	1·84	X	38	..	4·8	..	13	7	5	21	56	8	62	59	134	34	77	65	29	5	10	46	63	36	Arogyavaram.

* Total for 362 days.
† Total for 364 days.
§ Total for 359 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 bar. cistern above mean sea level in feet.	Pressure at station level, 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
MADRAS, DECCAN.																						
Cuddapah	428	995·8	+0·1	991·2	94·2	—1·1	112	V	74·9	+0·2	59	XI, XII	82·1	89·9	73·1	74·9	23·8	—0·3	22·8	64	—5	50
Anantapur	1,148	970·7	..	966·5	92·0	..	107	V	72·4	..	55	XII	76·8	89·7	69·8	71·5	21·9	..	18·3	69	..	41
Bellary	1,473	959·9	—0·3	956·0	91·1	—1·8	106	V	72·3	+1·2	60	II, XI, XII	75·8	88·9	68·6	70·8	20·8	+1·4	17·7	69	+5	41
Kurnool	923	978·6	0	974·2	93·1	—0·6	109	V	72·2	+0·6	51	XII	76·7	90·9	70·0	72·0	22·2	+1·1	18·5	71	+3	40
Ichintala	348	997·5	..	993·4	94·2	—0·1	116	V	74·4	+0·3	57	XII	78·7	91·9	72·2	74·1	24·3	+0·7	20·7	73	+4	43
MADRAS, COAST NORTH.																						
Ellore	66	1,007·1	—0·6	1,003·8	93·6	+0·2	112	V	76·1	+0·6	62	XII	80·1	88·4	74·8	77·1	27·1	+0·6	26·7	78	+2	59
Ongole	38	1,008·1	..	1,004·6	92·1	..	112	V	75·8	..	63	II, XII	79·9	87·7	74·4	76·7	26·7	..	26·5	77	..	60
Masulipatam	10	1,009·2	—0·4	1,005·8	89·2	—0·9	111	V	75·9	+1·4	63	II	79·9	85·8	75·6	76·9	28·5	+0·4	27·7	82	+1	66
Cocanada	26	1,008·8	—0·1	1,005·4	88·0	—1·3	112	VI	75·7	+0·8	62	XII	81·1	85·1	75·5	76·6	27·9	+0·9	27·7	76	—2	68
Vizagapatam	126	1,004·8	—0·3	1,001·9	86·5	—0·4	101	IV	75·9	+0·4	62	XII	80·0	83·0	74·4	76·2	26·8	+0·8	28·0	76	+2	72
Calingapatam	19	1,008·3	—0·3	1,005·3	87·1	—1·2	107	IV	74·5	+0·6	59	XII	77·2	83·4	73·4	76·4	26·9	—0·5	28·2	83	+2	72
HILL STATIONS EXCLUDING KASHMIR.																						
Shillong	4,921	849·3	—0·1	846·8	70·5	+0·6	80	IV, VII, IX	53·6	+0·1	30	I	63·7	64·5	57·6	59·8	14·5	0	16·2	68	—4	76
Cherrapunji	4,309	868·5	+0·2	865·9	69·2	+0·3	79	V, VIII, IX	57·8	+0·2	40	I	64·4	64·4	59·6	60·9	16·0	—0·1	17·3	75	—1	82
Aijal	3,599	..	..	..	..	..	..	..	60·7	..	42	III, XII	66·9	69·5	63·4	65·1	18·9	..	19·9	83	..	80
Darjiling	7,432	775·5	—0·3	773·6	61·1	+2·5	74	V	48·7	+0·8	30	I	53·9	54·3	51·0	52·2	12·2	0	13·0	83	0	87
Kalimpong	3,965	878·1	—0·7	875·7	71·5	+1·4	82	5th months	58·3	0	43	I, XII	61·7	65·4	59·4	62·3	17·1	+0·4	18·6	87	+6	83
Katmandu	4,388	866·9	..	863·6	78·5	+0·8	94	V	53·3	—0·3	31	XII	58·9	71·7	56·0	62·6	15·1	+0·4	16·6	85	+5	61
Mukteaar	7,592	771·1	—0·7	769·7	64·3	+1·3	83	V, VI	49·5	+1·2	29	I	53·3	58·9	46·4	51·4	9·1	+0·1	10·9	61	0	63
Mussooree	6,699	795·9	..	793·5	65·1	+1·6	83	VI	52·1	+1·6	29	II	57·8	59·8	50·1	53·2	10·3	+0·1	12·1	60	—6	68
Simla	7,224	780·8	0	779·9	63·7	+1·3	85	V, VI	50·8	+1·4	29	I	56·0	59·0	47·0	51·5	8·4	—0·1	10·3	52	—1	58
Abu*	3,945	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pachmarh	3,528	893·1	0	890·1	79·7	—0·4	104	V	61·4	+0·6	40	XII	66·5	77·2	60·0	64·8	15·7	+0·4	16·2	71	+8	54
Mahabaleshwar	4,534	862·3	—0·2	860·1	74·7	+0·2	92	IV	61·1	+0·1	52	I	63·1	70·1	57·7	62·9	15·2	+1·4	16·7	73	+3	69
Mercara	3,781	885·3	—0·4	883·4	73·1	—3·0	88	III	61·9	+0·6	51	XI	64·7	72·4	62·8	66·7	18·8	+0·5	20·1	90	+3	75
Ootacamund	7,364	780·3	+0·4	778·8	67·1	+1·1	78	V	48·5	—0·5	30	XI, XII	53·0	61·4	50·7	56·6	11·9	+0·8	13·9	86	+12	76
Coonoor	5,730	826·9	..	..	..	..	..	..	54·8	+0·2	39	II, XII	62·5	..	57·0	..	14·0	+0·6	..	73	+4	..
Kodaikanal	7,688	771·4	+0·6	769·9	63·8	0	74	V	51·5	+0·8	42	XII	55·3	58·1	51·0	55·1	11·3	+0·5	13·8	76	+6	84
CEYLON.																						
Colombo	24	1,010·2	—0·1	1,007·4	86·2	—0·6	92	II	75·0	—0·1	65	II	78·0	82·8	74·9	76·4	28·2	0	28·1	86	—2	73
Trincomalee	4	1,009·3	+0·4	1,006·2	87·5	—1·3	98	VII	76·7	+0·4	65	II	79·5	84·7	75·1	77·0	27·8	+0·1	28·2	81	—3	69
Hambantota	61	1,007·7	—0·7	1,004·8	86·3	0	93	IX	75·2	+0·3	69	XII	77·6	82·9	74·9	77·4	28·3	+0·8	29·7	88	0	77
Mannar	12	1,009·9	..	1,007·0	86·6	..	93	VII	77·6	..	69	II	80·5	83·4	76·4	77·3	29·2	..	29·2	82	..	73

* Data incomplete hence no means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947—*concld.*

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
																													MADRAS, DECCAN
4·5	0	6·0	33·26	+3·00	3·20	IX	47	+1·2	4·7	—1·4	1	0	28	19	5	0	96	13	203	3	9	106	48	1	1	64	23	110	Cuddapah.
4·9	..	5·3	24·23	—0·03	3·57	IX	41	+6·4	6·7	..	2	11	28	23	6	38	132	20	105	12	74	65	22	4	16	81	25	66	Anantapur.
6·2	+1·8	6·2	22·48	+2·44	3·00	VI	39	+5·5	4·5	—0·3	6	3	12	10	1	7	106	40	180	14	19	81	29	9	15	96	38	64	Bellary.
5·4	+1·2	6·0	32·51	+7·72	3·32	VIII	49	+3·9	6·7	+1·2	3	9	38	28	9	56	88	30	94§	14	23	84	47	11	28	63	55	31+	Kurnool.
4·5	—1·5	5·1	36·43	+8·35	4·00	VI	47	—2·9	5·5	—0·6	3	5	21	45	19	71	73	6	122	35	32	56	80	10	50	55	28	19	Rentichintala.
																													MADRAS COAST NORTH.
5·4	0	5·3	20·41	—18·50	1·36	X	40	—4·7	4·7	+0·4	23	3	4	23	65	24	75	71	77	10	41	100	104	20	7	46	30	7	Nellore.
6·0	..	5·6	29·84	..	5·81	IX	41	..	5·6	..	39	18	2	35	38	50	88	37	58	12	34	78	119	4	14	69	15	20	Ongole.
5·1	+0·4	4·5	43·23	+1·80	6·27	XII	56	+0·6	6·7	+1·6	60	48	17	38	40	43	52	35	32	16	16	32	110	93	19	34	31	14	Masulipatam.
4·9	—0·3	4·4	39·72	—1·30	5·00	VII	60	+4·2	7·9	+2·5	14	97	3	29	1	145	21	47	8	1	30	18	141	27	119	11	18	0	Cocanada.
5·2	—0·2	5·0	49·75	+11·86	5·05	XII	53	+1·2	5·1	+0·9	40	21		2	11	66	84	23	108‡	6	34	75	34	120	68	17	1	6‡	Vizagapatam.
6·6	+2·4	6·6	41·14	+0·79	5·30	IX	44	—7·1	9·4	+3·1	48	5	9	1	17	75	102	108	0	1	23	67	53	73	123	19	6	0	Calingapatam.
																													HILL STATIONS EXCLUDING KASHMIR.
5·1	+0·3	7·7	121·10	+36·46	7·83	VII	130	+8·1	3·3	+0·9	18	11	28	23	24	70	13	9	169	29	11	6	11	20	58	14	24	192	Shillong.
5·1	—0·6	5·0	458·48	+33·25	20·14	VI	165	+5·2	5·7	+1·1	15	83	60	30	43	87	22	7	18	18	45	16	14	39	141	40	11	41	Cherrapunji.
4·9	..	5·2	101·84	..	3·07	VI	130	..	5·1	..	2	11	158	29	20	86	25	4	30	3	4	18	13	12	133	123	39	20	Aijal.
6·5	+0·6	7·5	97·17	—29·25	4·51	VII	127	+3·7	4·7	+1·1	6	19	149	51	9	14	55	16	46	3	11	50	28	17	30	177	18	25†	Darjiling.
5·1	+0·3	6·1	87·15	+0·95	5·40	VII	110	+6·1	5·9	—0·6	21	5	5	54	8	3	28	157	84	5	0	5	223	50	1	1	48	32	Kalimpong.
6·0	—0·2	5·3	56·61	+0·82	2·56	VII	89	—9·5	0·8	—0·3	1	5	9	2	1	0	1	0	346	41	2	9	3	10	3	29	14	254	Katmandu.
3·4	—0·7	4·3	48·82	—4·73	3·93	VIII	76	—5·5	7·2	+1·6	2	56	56	16	8	35	102	48	42	0	12	23	17	5	111	162	25	10	Muktesar.
4·0	—0·5	4·5	102·60	+15·00	7·86	IX	107	+9·2	2·7	—1·9	58	76	17	36	48	17	6	4	100¶	13	22	4	50	119	69	7	5	68§§	Mussooree.
3·4	—0·8	4·6	48·05	—12·99	4·34	IX	78	—10·4	1·8	—1·4	58	54	9	36	51	11	1	5	140	61	24	6	23	85	63	12	22	69	Simla.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Abu.*
4·9	+0·8	5·2	132·50	+52·89	12·61	VII	86	+7·1	2·9	—1·2	15	27	13	16	27	46	95	50	76	42	44	16	6	15	19	114	82	27	Pachmarhi.
4·5	—0·1	5·1	213·46	—47·77	9·76	VII	116	—4·2	3·7	—4·4	7	43	43	33	3	120	2	39	75	3	3	5	7	1	147	12	70	117	Mahabaleshwar.
5·6	—0·7	5·8	140·10	+12·67	5·29	VII	127	—4·8	6·6	+2·1	1	51	63	6	1	33	89	53	68	4	45	54	10	2	40	113	71	26	Mercara.
5·4	+0·1	6·9	42·87	—12·02	3·31	IV	85	—21·2	3·4	—0·2	17	40	35	6	14	23	54	8	168	65	52	33	12	22	29	52	16	84	Ootacamund.
7·5	+2·0	..	59·19	—0·32	5·09	IV	70	—15·3	4·3	+0·8	26	4	16	53	34	8	7	41	176	..	..	..	..	..	..	..	..	..	Coonoor.
5·8	+1·0	7·7	71·47	+4·99	4·20	III	96	+11·1	8·7	+0·6	47	63	30	38	11	9	48	77	42	35	42	18	49	21	5	51	85	59	Kodaikanal.
																													CEYLON.
6·8	+0·4	7·1	91·26	+2·73	7·06	V	117	+1·7	..	..	15	58	61	55	22	58	62	10	24	30	20	0	2	10	114	122	62	5	Colombo.
6·5	+1·7	6·7	..	..	..	..	..	..	..	..	26	37	17	5	29	198	24	13	13§§	85	41	57	21	6	129	12	7	1†	Trincomalee.
7·3	+2·7	7·9	45·81	+3·60	3·28	IV	67	—4·7	..	..	119	5	0	0	1	127	64	40	8§	15	15	48	30	41	188	20	6	0△	Hambantota.
5·7	..	6·0	39·22	..	3·43	I	51	..	..	..	22	55	41	30	109	96	5	2	5	75	53	10	2	107	96	14	6	1§	Mannar.

† Total for 359 days.
‡ Total for 361 days.
§ Total for 364 days.
¶ Total for 362 days.
△ Total for 363 days.
§§ Total for 357 days.
+ Total for 356 days.
‡ Total for 355 days.

Table III.—Abstract of observations recorded at 8 hrs. I. S. T. (2-30 hrs

STATION AND MONTH.	Height of bar. cistern above mean sea level in feet.	Pressure at station level, 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	..	1,010·9	—1·3	1,007·9	83·8	+0·7	86	17	74·8	—1·2	70	16	81·9	81·6	75·5	75·5	27·5	—1·2	27·7	73	—7	74
February	..	1,011·5	—0·6	1,008·2	84·5	+0·6	87	28	74·2	—2·5	72	10	82·5	83·3	76·0	76·1	28·7	0	27·5	73	—5	73
March	..	1,011·6	—0·1	1,008·6	86·6	+1·6	89	5	74·8	—2·4	72	4	84·2	83·7	77·4	77·2	29·0	—0·1	29·0	72	—4	74
April	..	1,011·0	—0·4	1,008·0	87·5	+1·5	89	7 days	74·6	—2·9	72	6	85·4	84·9	77·7	77·9	28·9	—0·7	29·5	70	—6	72
May	..	1,011·5	—0·3	1,008·7	86·5	+1·4	91	2	75·2	—2·3	72	2	84·0	82·9	77·0	77·3	28·5	—0·5	29·5	73	—3	77
June	..	1,012·2	—0·4	1,009·4	84·2	+1·6	87	6, 13	75·5	—0·9	71	12	81·9	82·6	75·5	76·0	27·2	+0·3	27·7	69	—7	73
July	..	1,012·0	—1·4	1,009·6	82·5	+1·4	84	4 days	74·2	—1·0	69	10, 6	80·6	80·2	74·4	74·6	26·2	+0·7	26·8	73	—3	76
August	..	1,013·4	—0·1	1,010·7	81·2	+0·3	82	7 days	73·6	—1·6	71	16	79·2	79·4	73·1	73·2	25·1	—0·4	25·1	73	—2	73
September	..	1,013·9	+0·2	1,010·7	81·7	—0·2	83	4 ,,	72·2	—3·0	69	1, 29	79·2	80·2	73·0	73·9	25·0	—1·5	25·8	73	—3	75
October	..	1,015·2	+1·9	1,011·9	82·5	—0·4	84	5 ,,	73·2	—2·4	69	20	80·4	80·8	74·3	74·7	26·3	—1·0	26·6	73	—3	74
November	..	1,013·4	+0·9	1,010·2	83·2	—0·5	85	4 ,,	72·4	—2·8	70	2, 7	80·9	81·1	75·2	75·4	27·3	—0·7	27·5	75	—2	76
December	..	1,011·9	—0·2	1,008·8	82·1	—0·7	86	5	73·5	—0·9	71	27	79·8	80·5	75·3	75·4	28·0	—0·3	28·2	80	+1	79
Year	..	1,012·4	—0·1	1,009·4	83·9	+0·6	91	V	74·0	—2·1	69	VII, IX, X	81·4	81·8	75·4	75·6	27·3	—0·5	27·6	73	—4	75
MINICOY. (*Arabian Sea.*)	6																					
January	..	1,011·1	—1·4	1,008·5	86·1	+1·0	90	30	72·9	—0·1	69	7 days	77·5	83·2	74·5	76·5	27·8	—1·5	28·1	87	+10	73
February	..	1,011·4	—1·1	1,008·6	86·0	+0·6	90	15	73·7	—1·0	68	7	77·8	83·5	73·9	76·0	26·8	—3·0	27·2	83	+6	69
March	..	1,011·2	—0·4	1,008·4	87·4	+1·1	90	30	77·5	+0·6	73	4, 5	81·6	85·0	76·4	77·5	28·7	—2·5	28·8	78	+3	70
April	..	1,009·5	—0·7	1,006·9	87·5	0	90	15	78·7	—0·9	73	13, 14, 23	82·7	85·0	76·5	77·5	28·4	—3·9	28·8	75	0	70
May	..	1,009·2	—0·4	1,006·7	88·5	+0·2	90	4 days	78·9	—0·3	74	9	83·6	86·4	78·4	79·1	30·9	—2·7	30·6	79	0	71
June	..	1,008·7	—0·5	1,007·0	86·7	+0·7	89	5	78·6	+1·3	74	8	82·6	83·8	78·0	78·7	30·7	—2·6	31·2	81	—3	79
July	..	1,008·8	—0·9	1,007·0	86·2	+1·2	88	6 days	77·5	+0·6	73	20	81·5	83·5	77·3	78·0	30·1	—1·0	30·3	82	0	77
August	..	1,008·9	—1·6	1,007·0	83·6	—1·1	87	1, 4	75·7	—1·4	73	4 days	79·8	81·2	76·4	77·0	29·5	—1·9	29·8	85	+3	82
September	..	1,010·8	—0·1	1,008·3	84·0	—1·0	86	4, 5, 6	76·3	—0·8	72	7, 8	79·5	81·1	75·6	76·3	28·5	—3·3	28·8	83	+1	79
October	..	1,012·4	+1·2	1,009·7	84·9	—0·4	87	20, 29	75·8	—0·1	69	27, 28	80·0	82·1	75·4	75·8	28·0	—3·1	27·6	80	0	74
November	..	1,012·7	+1·3	1,010·0	86·0	+0·9	90	24	74·0	—0·3	67	7, 8	80·4	83·1	75·5	75·9	27·9	—3·5	27·3	79	—2	71
December	..	1,011·1	—0·9	1,008·6	85·9	+0·5	87	11 days	73·1	—0·9	70	4 days	78·7	82·8	74·8	75·6	27·7	—2·1	27·0	83	+6	71
Year	..	1,010·5	—0·4	1,008·1	86·1	+0·3	90	6 months	76·1	—0·2	67	XI	80·5	83·4	76·1	77·0	28·7	—2·6	28·8	81	+2	74
AMINI DIVI. (*Arabian Sea.*)	13																					
January	..	1,011·5	..	..	88·7	+1·7	92	24	75·9	+1·6	69	26	80·1	..	76·0	..	28·8	+2·9	..	82	+6	..
February	..	1,011·7	..	..	90·7	+2·7	95	25,26	77·1	+1·0	73	6	80·6	..	75·1	..	27·3	+1·0	..	76	0	..
March	..	1,011·2	..	..	92·1	+2·3	96	20,22	79·1	+1·4	75	3	83·5	..	77·1	..	28·9	+0·9	..	75	—1	..
April	..	1,009·1	..	..	88·5	—3·0	95	28,29	79·7	—0·4	75	3, 4, 13	83·7	..	77·5	..	29·4	—0·2	..	75	+1	..
May	..	1,008·9	..	..	91·9	+0·7	93	31	81·7	+0·6	75	10	85·5	..	78·7	..	30·4	—0·2	..	73	—3	..
June	..	1,007·7	..	..	87·2	+0·2	96	1	79·9	+1·8	73	3	83·5	..	78·8	..	31·5	+0·5	..	81	—4	..
July	..	1,007·7	..	..	84·9	—0·5	87	5 days	77·9	+0·4	75	6, 7, 13	82·0	..	78·0	..	30·9	+0·3	..	83	—3	..
August	..	1,007·7	..	..	83·6	—1·7	87	2, 14	76·8	—0·7	74	8, 12, 16	80·3	.	77·1	..	30·3	+0·1	..	86	0	..
September	..	1,009·5	..	..	84·6	—1·0	86	7 days	77·9	+0·5	75	8, 24	80·7	..	76·3	..	29·0	—0·4	..	81	—3	..
October	..	1,011·8	..	..	87·8	+1·5	94	30	77·7	+0·7	72	28	81·4	..	76·4	..	28·8	—0·3	..	79	—3	..
November	..	1,012·4	..	..	89·9	+3·0	95	13	75·3	—0·4	69	8	81·6	.	75·7	..	27·7	—0·2	..	75	—3	..
December	..	1,011·1		..	90·2	+3·1	93	8,9,15	75·0	+0·8	71	5, 30	80·6	..	75·2	..	27·7	+1·7	..	79	+7	..
Year	..	1,010·0	..	..	88·3	+0·7	99	V	77·8	+0·6	69	I, XI	81·9	..	76·8	..	29·2	+0·5	..	79	0	..

G. M. T.) and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for each month and the year 1947.

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 MONT
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hrs.	Date.	Total in the month.	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 h L. M. T.)
7·5	+0·8	6·9	5·60	—10·40	1·35	7	9	—6·1	8·3	..	5	2	1	1	1	0	4	15	2	4	1	1	1	0	0	5	16	3	January.
6·2	—0·2	6·7	3·62	—8·09	1·58	24	8	—2·1	5·8	..	1	4	2	1	0	0	3	15	2	3	2	0	0	1	0	4	15	3	February.
6·3	+0·7	6·9	12·04	+2·20	2·18	12	15	+3·9	4·9	..	3	4	4	3	1	0	2	12	2	2	3	2	2	1	1	3	13	4	March.
6·2	+0·9	6·6	5·94	+1·78	1·57	22	10	—0·3	3·4	..	0	4	9	4	1	0	0	3	9	2	1	2	5	4	1	4	4	7	April.
7·1	+1·9	7·6	14·41	+7·93	6·44	8	15	+5·5	7·5	..	0	1	9	13	3	0	1	2	2	0	0	6	8	6	3	1	5	2	May.
7·7	+1·8	7·8	6·82	+2·32	1·66	13	13	+4·6	24·4	..	0	0	4	18	7	1	0	0	0	0	0	4	16	7	2	0	0	1	June.
7·1	+1·2	8·1	2·42	—0·66	0·31	30	10	+2·5	12·0	..	0	0	8	17	3	2	0	1	0	0	1	7	16	4	2	0	0	1	July.
7·4	+1·3	7·7	1·09	—1·12	0·21	16	4	—1·9	16·7	..	0	0	9	16	5	1	0	0	0	0	0	8	16	6	1	0	0	0	August.
6·5	+0·6	6·7	0·69	—4·69	0·22	9	2	—5·6	14·1	..	0	2	5	14	5	2	0	1	1	0	1	7	13	7	1	0	0	1	September.
6·1	+0·6	6·6	1·53	—4·22	0·42	20	6	—1·9	8·6	..	1	1	12	13	2	0	0	0	2	2	1	8	10	2	0	0	1	7	October.
6·2	+0·2	7·4	15·53	+6·07	4·69	2	15	+3·1	4·2	..	1	1	7	4	1	1	2	4	9	2	5	3	3	1	0	3	6	7	November.
7·7	+1·4	7·8	14·72	+1·10	1·56	11	23	+7·7	9·6	..	3	0	2	3	0	0	5	15	3	3	2	1	2	1	0	4	16	2	December.
6·8	+0·9	7·2	84·41	—11·34	6·44	V	130	+9·4	9·6	..	14	19	72	107	20	7	17	68	32	18	17	49	92	40	11	24	76	38	*Year.*
																													MINICOY. (*Arabian Sea.*)
5·0	+1·4	5·9	0·30	—1·53	0·20	5	1	—1·6	3·5	—0·8	2	10	6	3	1	0	0	0	9	9	9	8	2	1	0	0	1	1	January.
2·8	—0·7	4·0	0·13	—0·58	0·11	22	1	—0·2	4·2	—0·4	9	8	3	1	0	0	0	1	6	13	7	2	2	0	0	0	4	0	February.
4·6	+1·1	4·3	1·15	+0·27	1·02	11	1	—0·5	4·5	—0·1	13	3	0	0	1	2	1	7	4	16	0	0	0	1	0	4	10	0	March.
5·0	+0·7	4·5	5·19	+2·89	2·22	13	5	+1·5	6·4	+0·6	4	0	0	0	0	2	11	12	1	6	0	0	0	0	0	13	11	0	April.
5·7	+0·3	5·7	5·56	—1·44	2·20	31	6	—2·7	4·9	+2·6	3	0	0	0	1	3	8	14	2	4	0	0	0	1	1	6	19	0	May.
8·4	+1·4	9·4	8·44	—3·16	1·26	10	17	0	9·7	—2·1	0	0	0	0	0	2	18	10	0	1	0	0	0	0	1	19	9	0	June.
8·0	+1·4	8·2	11·26	+2·40	2·82	20	13	—0·7	9·4	—2·3	1	0	0	0	0	3	19	8	0	0	0	0	0	0	3	20	8	0	July.
8·3	+2·4	8·4	17·76	+9·95	4·86	7	18	+6·2	10·4	+0·4	0	0	0	0	0	0	16	14	1	0	0	0	0	0	0	17	14	0	August.
7·8	+2·6	7·9	7·49	+1·19	1·89	7	16	+5·7	8·9	+0·1	0	0	0	0	0	0	21	9	0	0	0	0	0	0	1	17	12	0	September.
5·9	+0·6	5·5	2·66	—4·62	0·53	9	9	—1·6	6·2	—0·4	4	1	0	0	0	1	9	12	4	0	1	0	0	0	0	10	18	2	October.
4·7	—0·3	5·3	2·03	—3·45	0·90	19	5	—2·7	3·7	—1·3	5	6	2	1	0	0	0	2	14	8	5	5	2	0	0	0	6	4	November.
4·5	+0·4	5·7	2·29	—1·08	0·75	22	6	+1·7	3·3	—1·0	4	2	2	1	3	1	1	1	16	9	7	3	0	1	1	1	4	5	December.
5·9	+1·0	6·2	64·26	+0·84	4·86	VIII	98	+5·3	6·3	—0·8	45	30	13	6	6	14	104	90	57	66	29	18	6	4	7	107	116	12	*Year.*
																													AMINI DIVI. (*Arabian Sea.*)
4·5	+0·9	..	1·28	+0·62	0·90	7	2	+0·9	3·5	—0·3	7	15	0	0	0	0	1	2	6	..	..	..	..	..	..	..	..	..	January.
4·0	+0·6	..	0·59	+0·52	0·53	14	1	+0·7	5·6	+0·7	13	3	0	0	0	0	0	12	0	..	..	..	..	..	..	..	..	..	February.
4·5	+1·4	..	0·76	+0·60	0·52	28	2	+1·8	5·9	+0·8	11	0	0	2	1	1	0	16	0	..	..	..	..	..	..	..	..	..	March.
5·2	+0·9	..	5·85	+4·70	1·80	14	7	+5·4	7·3	+1·6	0	2	0	1	1	3	6	17	0	..	..	..	..	..	..	..	..	..	April.
5·3	—0·5	..	1·36	—3·19	0·60	10	3	—1·8	7·3	—0·3	0	0	0	0	0	0	6	24	1	..	..	..	..	..	..	..	..	..	May.
9·2	+1·3	..	20·27	+5·76	4·91	6	13	—3·8	11·9	—0·4	0	0	0	1	0	4	20	5	0	..	..	..	..	..	..	..	..	..	June.
9·0	+1·3	..	12·64	+0·83	2·18	13	21	+5·3	12·7	—1·3	0	0	0	0	0	10	16	4	1	..	..	..	..	..	..	..	..	..	July
8·6	+1·5	..	21·99	+14·23	4·06	16	19	+7·7	18·5	+5·4	0	0	0	0	0	1	21	9	0	..	..	..	..	..	..	..	..	..	
7·9	+1·6	.	5·80	—0·16	1·89	8	12	+1·9	13·4	+3·1	1	0	0	0	0	6	13	10	0	..	..	..	..	..	..	..	..	..	September.
6·3	+0·2	.	3·18	—2·56	1·16	20	7	—1·6	8·5	+2·3	3	2	0	0	0	0	8	15	3	..	..	..	..	..	..	..	..	..	October.
3·0	—1·9	..	1·12	—1·90	1·10	15	1	—3·9	3·7	+0·1	9	7	2	0	0	0	5	4	3	..	..	..	..	..	..	..	..	..	November.
3·0	—0·7	..	0·06	—1·43	0·06	20	0	—2·0	3·1	—0·1	12	4	0	0	0	0	0	5	10	..	..	..	..	..	..	..	..	..	December.
5·9	+0·6	..	74·90	+18·12	4·91	VI	88	+10·6	8·5	+1·0	56	33	2	4	2	25	96	123	24	.	..	..	..	..	..	..	..	..	*Year.*

Table III.—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, 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.	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
LHASA.* (*Tibet.*)	12,090																					
January	..	627·7	..	..	43·0	..	52	19	13·0	..	5	15	22·3	..	20·8	..	3·2	..	..	82	..	..
February	..	627·7	..	..	48·0	..	57	16	19·3	..	9	1	28·6	..	26·9	..	4·4	..	..	83	..	..
March	..	629·4	..	..	54·0	..	69	29	26·8	..	21	9,17	35·0	..	33·6	..	6·1	..	..	88	..	..
April	..	629·9	..	..	64·7	..	76	25	36·8	..	26	30	49·0	..	46·8	..	9·9	..	..	86	..	..
May	..	632·2	..	..	64·2	..	79	21,22	40·3	..	29	1	53·7	..	49·1	..	10·4	..	..	80	..	..
June	..	628·1	..	..	76·3	..	83	22	49·2	..	37	4	60·9	..	57·9	..	15·4	..	..	85	..	..
July	..	628·6	..	..	81·0	..	83	15	49·2	..	47	14	58·9	..	55·9	..	14·3	..	..	84	..	..
August	..	633·6	..	..	71·9	..	80	10	47·1	..	44	22	56·7	..	53·3	..	12·8	..	..	81	..	..
September	..	634·1	..	..	72·6	..	77	4	45·2	..	40	16	56·3	..	52·7	..	12·3	..	..	80	..	..
October	..	631·0	..	..	63·3	..	72	3	34·7	..	20	31	49·1	..	46·3	..	9·8	..	..	78	..	..
November	..	632·9	..	..	52·9	..	61	8	23·1	..	17	17	35·4	..	32·9	..	5·6	..	..	79	..	..
December	..	630·0	..	..	51·1	..	60	17, 18	19·2	..	11	26	30·2	..	27·8	..	4·1	..	..	77	..	..
Year	..	630·5	..	..	61·9	..	83	VI, VII	32·7	..	5	I	44·7	..	42·0	..	9·0	..	..	82	..	..

* Aneroid barometer in use.

Table IV.—Abstract of observations recorded at 8 hrs. I. S. T. (2-30 hrs. G.M.T.) at 4th Class Stations for the year 1947.

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	..	..	..	..	65·9	+1·1	40	I	76·9	70·9	23·8	+0·5	73	—13	..	54·25	+2·98	4·25	IX	77	—5·1	..	..
KASHMIR.																							
Jammu*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kargil*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MYSORE.																							
Balehonnur	80·2	—0·1	92	III, IV	63·7	+0·4	51	XII	67·8	65·7	20·9	+0·8	90	+1	..	99·56	—3·34	3·45	VIII	115	—6·5	..	..
TIBET.																							
Yatung (Chumbi)	58·1	+1·9	71	VI, VII, IX	35.2	—2·6	10	I	43·4	42·4	10·0	+1·3	93	+6	4·9	29·06	—9·02	1·21	VII	94	—3·5	..	..

*Data not available, hence no means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for each month and the year 1947—*concld.*

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.	Departure from normal.	Heaviest fall in 24 hrs.	Date.	Total in the month.	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
																													*LHASA. (*Tibet.*)
3·1	..	..	0	..	0	..	0	..	8·7	..	0	0	1	0	1	0	0	0	29	..	..	..	..	..	..	..	..	..	January.
1·1	..	..	0	..	0	..	0	..	1·2	..	1	3	1	0	1	1	0	0	21	..	..	..	..	..	..	..	..	..	February.
2·5	..	..	0	..	0	..	0	..	0·8	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	March.
1·0	..	..	0·30	..	0·30	20	1	..	0·6	..	0	0	0	0	0	1	0	0	29	..	..	..	..	..	..	..	..	..	April.
4·1	..	..	1·74	..	0·55	29	4	..	1·8	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	May.
4·7	..	..	1·63	..	0·34	29	8	..	0·8	..	0	0	0	0	0	0	0	0	30	..	..	..	..	..	..	..	..	..	June.
7·8	..	..	6·44	..	0·94	11	20	..	1·0	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	July.
6·3	..	..	4·21	..	0·97	13	12	..	4·4	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	August.
4·4	..	..	2·09	..	0·64	4,29	4	..	0·5	..	0	0	0	0	0	0	0	0	30	..	..	..	..	..	..	..	..	..	September
3·3	..	..	0·04	..	0·04	1	0	..	1·2	..	0	0	0	0	0	1	0	0	30	..	..	..	..	..	..	..	..	..	October.
1·7	..	..	0	..	0	..	0	..	1·1	..	0	0	0	0	0	0	0	1	29	..	..	..	..	..	..	..	..	..	November.
1·6	..	..	0	..	0	..	0	..	1·5	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	December.
4·1	..	..	16·45	..	0·97	VIII	49	..	2·0	..	1	3	2	0	2	3	0	1	353	..	..	..	..	..	..	..	..	..	*Year.*

Table V.—Abstract of observations recorded at 8 hrs. I. S. T. (2-30 Hrs. G. M. T.) at 5th Class Station for the year 1947.

DIVISION.	STATION.	Rainfall—inches. Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Number of rainy days (0·10" or more). Total in the year.	Departure from normal.	DIVISION.	STATION.	Rainfall—inches. Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	Month.	Number of rainy days (0·10" or more) 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* .	..	..	..	..	..	..
West Bengal . .	Bankura . .	49·45	− 6·07	3·60	VIII	86	+12·8		Gurez* . .	..	..	..	..	..	..
	Cooch Behar* .	..	..	..	..	..	..	Rajputana, East .	Udaipur . .	29·09	+4·58	3·81	VIII	35	+1·4
Bihar . .	Muzaffarpur .	43·61	−4·83	5·10	VIII	51	−5·2	Bombay, Deccan .	Khandala* .	..	..	..	..	..	..
	Chapra . .	25·47	−17·13	3·46	IX	40	−12·8	Madras, Southeast .	Palamcottah .	25·81	−3·57	2·95	IV	36	−5·0
	Arrah . .	33·06	−13·24	2·70	VIII	53	−3·3	Sikkim . . .	Lachung . .	69·68	+5·63	+2·13	VII	160	−1·3
United Provinces, West	Meerut . .	21·39	−10·52	4·25	IX	32	−8·1								
East Punjab . .	Dharampore* .	..	..	..	..	..	..								
	Kyelang* . .	..	..	..	..	..	..								
	Dalhousie . .	85·21	0·48	7·41	IX	86	−9·9								

*Data not available for complete year, hence no annual totals

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1947.

Station, height of barometer 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	1,013·6	1,013·9	—0·7	76·9	67·0	+1·7	64·2	60·6	+1·8	15·1	15·5	+1·4	48	71	+2	2·5	10	7	3	1	0	0	0	8	2
February	1,012·3	1,012·1	—0·5	83·6	72·0	+1·7	66·1	63·1	+1·1	14·4	15·3	—0·5	37	61	—3	2·3	2	2	2	0	1	2	5	8	6
March	1,009·3	1,009·2	+0·1	91·6	81·5	+2·2	73·5	72·1	+2·0	20·2	22·5	+1·3	40	64	—1	2·8	1	0	0	1	5	12	6	5	1
April	1,003·8	1,003·5	—2·1	98·5	88·6	+3·5	79·8	78·0	+1·7	26·8	27·7	+1·1	43	66	—2	1·6	0	0	1	0	6	18	1	1	3
May	1,003·0	1,002·6	0	95·6	88·4	+2·8	82·8	80·6	+2·0	32·4	32·5	+3·4	58	72	0	4·4	0	0	0	0	16	15	0	0	0
June	997·5	997·6	—1·1	91·5	87·0	+2·4	83·2	81·0	+1·1	35·4	34·1	+1·8	70	81	+1	7·1	0	3	6	4	6	7	1	0	3
July	997·3	997·3	—1·2	88·0	84·6	+1·5	81·3	80·0	+0·2	33·6	33·4	+0·9	75	85	0	8·5	0	0	2	5	7	12	4	0	1
August	1,001·0	1,000·8	+0·6	87·7	84·2	+1·5	81·5	80·1	+0·5	34·1	33·6	+1·1	77	87	+1	8·1	0	1	5	5	7	4	2	1	6
September	1,003·4	1,003·4	—0·2	88·5	84·8	+1·7	81·3	79·9	+0·8	33·1	33·1	+1·2	73	85	+1	7·9	0	0	6	3	8	8	1	0	4
October	1,008·7	1,008·9	+0·3	86·5	81·4	+1·0	76·6	75·3	+0·2	27·0	27·9	+1·0	63	81	+1	7·0	2	1	2	2	2	3	4	5	10
November	1,012·7	1,013·2	+0·4	85·4	75·3	+2·6	69·5	67·5	+1·5	17·5	19·4	+0·5	42	71	—1	3·0	8	1	2	0	1	0	1	9	8
December	1,013·7	1,014·1	—0·9	77·9	68·0	+2·4	65·2	61·4	+3·2	15·5	15·8	+1·5	48	71	+2	3·6	13	1	1	0	0	0	1	9	6
Year	1,006·4	1,006·4	—0·5	87·6	80·2	+2·1	75·4	73·3	+1·3	25·4	25·9	+1·2	56	75	0	4·9	36	16	30	21	59	81	26	46	50
NEW DELHI (714).																									
January	991·3	990·6	..	66·4	55·2	..	53·3	47·6	..	8·2	8·0	..	37	58	..	2·9	2	1	0	2	2	0	7	13	4
February	989·6	988·6	..	72·1	61·4	..	56·7	52·2	..	8·9	8·8	..	34	49	..	3·2	3	1	2	2	1	1	7	11	0
March	985·8	984·9	..	85·9	73·3	..	63·1	61·7	..	10·2	10·7	..	25	40	..	1·8	2	1	4	1	3	2	3	10	5
April	980·4	979·1	..	98·1	86·0	..	65·7	61·7	..	7·0	8·1	..	11	21	..	1·1	3	2	1	1	2	4	6	11	0
May	977·9	976·0	..	103·0	92·2	..	73·2	69·3	..	14·6	13·8	..	20	30	..	1·3	8	3	3	1	2	0	3	10	1
June	972·7	971·5	..	102·8	96·2	..	77·4	74·8	..	20·7	20·1	..	30	37	..	1·6	3	1	2	1	0	0	8	14	1
July	972·3	971·3	..	95·4	89·7	..	79·9	79·0	..	28·1	28·6	..	51	59	..	7·3	1	1	9	4	1	4	6	4	1
August	976·8	975·8	..	91·7	86·4	..	79·7	78·1	..	29·2	29·2	..	58	69	..	8·6	1	6	10	3	1	3	3	3	1
September	978·9	977·9	..	86·9	82·8	..	78·8	76·9	..	29·9	30·0	..	70	81	..	8·0	1	6	3	3	1	5	4	4	3
October	986·9	986·4	..	86·3	75·8	..	67·3	64·2	..	14·8	15·8	..	35	54	..	1·3	4	2	2	0	0	1	1	17	4
November	990·6	989·9	..	81·5	68·3	..	62·4	57·3	..	10·7	11·3	..	29	51	..	1·2	5	2	0	0	1	0	3	15	4
December	991·9	991·0	..	70·1	58·1	..	56·3	51·0	..	9·5	9·6	..	38	60	..	2·7	3	1	1	7	2	1	2	13	1
Year	982·9	981·9	..	86·7	77·1	..	67·8	64·5	..	16·0	16·2	..	37	51	..	3·4	36	27	37	25	16	21	53	125	25
SRINAGAR (5,205)																									
January	846·9	846·2	+0·9	28·2	25·2	—5·5	26·7	..	..	4.4	4·1	..	85	93	..	9·3	3	1	0	7	2	0	4	9	5
February	845·2	844·3	+0·8	40·9	35·9	+2·9	37·1	..	..	6·3	5·9	..	73	84	..	6·7	4	1	0	1	1	1	4	6	10
March	843·6	842·7	+0·3	55·0	49·1	+3·7	48·2	..	..	9·2	8·7	..	63	76	..	5·7	3	3	0	5	1	2	2	8	7
April	840·6	840·0	—1·7	67·8	58·6	+2·8	56·0	..	..	11·1	10·6	..	48	61	..	3·5	0	0	2	3	0	3	2	12	8
May	840·5	839·9	+0·7	73·4	65·4	+1·3	60·5	..	..	13·5	13·6	..	50	65	..	4·5	3	0	2	3	0	5	0	10	8
June	836·3	835·7	+0·5	78·4	70·5	—0·1	63.9	..	..	15·1	15·4	..	47	60	..	4·0	0	0	0	2	2	1	2	9	14
July	833·0	832·4	—0·6	84·4	74·1	+0·6	68·1	..	..	18·4	18·4	..	49	63	..	3·9	2	1	0	1	0	2	3	7	15
August	836·3	835·5	+1·5	82·2	75·0	+3·6	69·4	..	..	20·1	18·5	..	55	69	..	5·4	2	1	2	5	3	3	0	4	11
September	837·7	837·0	—1·9	79·4	70·3	+4·7	66·0	..	..	17·2	16·4	..	51	67	..	3·7	1	0	2	4	0	1	2	4	16
October	843·9	843·3	—0·1	65·7	54·8	+0·1	53·5	..	..	9·7	9·3	..	46	67	..	2·6	4	0	0	3	1	3	2	8	10
November	845·6	844·2	—1·2	54·9	45·4	+0·3	47·1	..	..	7·0	6·4	..	44	63	..	1·9	4	4	0	1	2	1	1	3	14
December	846·5	845·8	—0·5	41·4	37·1	+0·7	39·0	..	..	6·2	5·5	..	72	83	..	6·9	2	2	1	2	4	3	2	8	7
Year	841·3	840·6	—0·2	62·6	55·1	+1·2	53·0	..	..	11·5	10·4	..	56	71	..	4·8	28	13	9	37	16	25	24	88	125

able VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1947—*contd.*

tion, height of barometer stern 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
JODHPUR (736).																									
uary	990·6	989·8	..	71·4	60·5	..	58·0	49·0	..	7·5	6·6	..	29	40	..	2·1	1	6	10	4	0	1	1	0	8
ruary	989·1	987·9	..	78·7	67·6	..	57·3	52·3	..	6·5	6·4	..	20	32	..	2·1	3	6	2	9	2	2	1	0	3
ch	986·3	985·1	..	88·7	77·4	..	64·4	58·3	..	7·5	7·2	..	17	25	..	1·2	4	1	1	1	2	12	4	1	5
il	982·1	980·4	..	96·9	88·1	..	67·9	64·6	..	9·9	10·4	..	18	26	..	1·2	1	1	0	3	1	6	15	1	2
	979·0	977·9	..	100·1	94·6	..	71·1	68·6	..	12·0	12·6	..	16	26	..	0·1	0	3	0	0	0	10	13	3	2
e	974·6	974·3	..	97·3	91·9	..	76·3	74·7	..	21·4	21·4	..	35	45	..	0·7	0	0	0	0	0	21	9	0	0
	973·0	972·1	..	94·9	90·2	..	77·4	75·9	..	24·2	24·3	..	46	55	..	4·7	0	1	1	0	0	15	11	1	2
ust	976·9	976·0	..	90·0	86·3	..	77·8	76·8	..	27·6	27·6	..	62	69	..	7·7	0	2	0	2	2	12	8	1	4
tember	979·4	978·4	..	86·5	82·1	..	76·3	74·7	..	26·6	26·6	..	62	74	..	6·7	1	2	3	2	0	13	3	1	5
ober	986·1	985·8	..	88·7	77·8	..	64·6	63·4	..	15·2	14·6	..	30	47	..	0·8	0	1	0	0	2	8	6	2	12
ember	990·2	989·9	..	86·8	74·0	..	63·3	57·8	..	9·7	9·4	..	21	41	..	1·3	1	1	1	1	2	0	0	2	22
ember	990·8	989·9	..	75·1	64·7	..	58·3	52·6	..	9·9	8·7	..	31	43	..	1·6	2	15	4	1	1	2	1	0	5
r	983·2	982·3	..	87·9	79·6	..	67·7	64·1	..	14·8	14·6	..	32	43	..	2·5	13	39	22	23	12	102	72	12	70
JAIPUR (1,431).																									
uary	966·5	965·9	—0·5	67·0	56·5	—2·5	52·6	47·7	..	7·1	7·2	..	32	51	..	2·1	2	3	2	6	4	2	2	6	4
ruary	965·4	964·3	—0·6	75·1	63·8	+0·9	55·7	51·5	..	6·5	7·1	..	23	40	..	1·9	1	4	4	4	1	4	2	7	1
ch	962·3	961·1	—0·8	87·1	75·7	+2·3	61·4	57·4	..	7·7	7·9	..	17	30	..	2·5	3	0	1	3	1	7	7	7	2
il	958·2	957·0	—1·3	97·7	85·3	+0·5	65·6	62·6	..	7·3	8·6	..	12	24	..	1·5	1	0	0	1	2	6	11	8	1
	955·4	954·4	—0·5	104·3	92·5	+2·2	69·0	65·8	..	8·2	9·2	..	11	21	..	1·0	0	0	1	1	0	6	15	8	0
e	951·0	950·3	—0·8	101·8	93·5	+3·9	75·5	73·1	..	18·1	18·5	..	26	37	..	2·2	1	0	0	0	4	11	7	6	1
	949·9	947·3	—3·2	94·3	88·5	+4·2	77·0	75·6	..	23·8	24·0	..	44	55	..	5·7	3	1	3	1	1	0	13	9	0
ust	954·0	953·0	+0·3	86·5	81·5	—0·5	77·9	76·3	..	28·7	28·6	..	68	79	..	7·9	6	1	4	5	1	0	6	7	1
ember	955·7	955·0	—1·9	84·9	79·2	—2·5	76·9	74·2	..	28·0	28·1	..	69	86	..	7·4	5	2	4	3	0	0	5	7	4
ober	963·1	962·4	+0·2	87·4	75·2	—2·0	66·3	62·6	..	12·7	13·9	..	29	48	..	0·9	6	0	0	1	2	4	6	10	2
ember	966·5	965·9	+0·3	83·8	69·2	+1·2	61·1	56·5	..	8·3	9·9	..	21	43	..	0·8	5	2	1	0	3	5	7	6	1
ember	966·9	966·0	—1·3	72·9	61·0	+0·4	56·2	50·7	..	8·0	8·4	..	30	51	..	2·1	5	0	3	3	5	5	4	4	2
	959·6	958·5	—1·0	86·9	76·8	+0·7	66·3	62·8	..	13·7	14·3	..	32	47	..	3·0	38	13	23	28	24	50	85	85	19
BARODA (115).																									
uary	1,009·9	1,009·2	..	80·8	73·0	..	64·6	60·6	..	13·6	12·9	..	38	51	..	1·4	4	6	6	1	1	1	0	1	11
ruary	1,009·2	1,008·1	..	86·9	78·4	..	65·3	61·5	..	11·6	11·4	..	27	39	..	1·1	1	4	2	4	3	2	1	1	10
ch	1,007·9	1,005·8	..	91·3	85·3	..	67·9	65·6	..	12·7	12·8	..	26	36	..	1·5	2	1	2	2	1	2	4	4	13
il	1,004·4	1,003·4	..	93·5	89·0	..	72·9	72·2	..	18·3	19·4	..	37	48	..	3·6	2	3	0	2	5	4	8	3	3
	1,002·5	1,001·6	..	98·3	94·5	..	76·5	76·5	..	21·5	24·7	..	34	46	..	0·2	2	0	0	0	3	8	10	5	3
e	998·6	997·8	..	95·9	93·2	..	78·5	78.8	..	25·5	27·1	..	44	53	..	6·5	0	0	0	0	1	11	15	3	0
	997·4	996·7	..	87·1	85·2	..	79·3	78·9	..	30·7	30·9	..	70	75	..	8·7	1	0	0	0	0	5	15	6	4
ust	999·5	998·6	..	88·0	85·4	..	79·4	78·9	..	30·7	30·9	..	68	75	..	7·6	1	0	0	1	0	7	10	3	9
ember	1,001·4	1,000·7	..	85·8	82·7	..	79·0	78·1	..	30·9	30·9	..	73	82	..	7·3	2	4	0	1	1	8	7	5	2
ber	1,008·3	1,007·8	..	89·1	83·3	..	73·7	72·6	..	22·1	22·9	..	48	62	..	1·5	3	2	3	3	2	2	2	3	11
ember	1,010·5	1,010·1	..	89·6	80·6	..	69·4	67·4	..	15·9	17·4	..	33	52	..	0·6	2	4	5	5	3	2	1	1	7
ember	1,010·8	1,010·1	..	84·1	74·5	..	65·2	61·4	..	12·8	13·2	..	32	50	..	0·2	1	5	4	3	1	1	1	0	15
r	1,005·0	1,004·1	..	89·2	83·8	..	72·6	71·0	..	20·5	21·2	..	44	56	..	3·3	21	29	22	22	21	53	74	35	88

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected da means at 13 First Class Stations in India during each month and the year 1947—*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	N
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	2
BOMBAY (35).																								
January	1,011·5	1,010·7	—1·5	79·5	76·6	+1·4	69·5	68·7	+2·1	20·2	20·5	+1·5	59	66	+2	1·2	15	0	3	4	2	1	1	
February	1,011·1	1,010·2	—1·2	80·7	78·1	+2·4	70·3	69·8	+3·8	20·9	21·3	+0·9	58	65	—2	1·5	13	0	1	1	0	0	3	1
March	1,010·3	1,009·5	—0·1	83·4	80·8	+1·2	73·4	72·6	+0·2	23·6	23·6	—0·2	61	66	—3	2·5	22	0	0	0	0	0	0	
April	1,007·4	1,006·6	—0·6	86·0	83·9	+0·8	77·4	76·6	+0·5	28·2	28·0	+0·3	67	71	—1	3·8	10	1	0	0	0	4	9	
May	1,007·1	1,006·3	+0·1	88·3	86·6	+0·7	79·3	78·8	+0·6	30·5	30·2	+0·4	66	70	—1	1·8	3	0	0	0	0	0	12	1
June	1,004·0	1,003·3	+0·8	88·8	87·4	+3·2	80·9	80·3	+1·5	32·5	32·2	+0·9	70	72	—6	6·1	4	0	0	0	0	2	10	1
July	1,002·6	1,002·0	—0·6	84·1	83·0	+1·0	79·6	79·0	+0·7	32·7	32·1	+0·7	81	83	—1	8·7	2	0	0	0	0	1	15	1
August	1,004·1	1,003·3	—1·4	83·3	82·2	+1·1	79·0	75·1	+1·6	32·1	31·5	+1·7	82	84	+2	8·2	6	0	0	0	0	2	12	1
September	1,005·8	1,005·1	—1·5	82·4	80·8	+0·1	78·0	77·2	+0·6	30·7	30·3	+1·0	82	85	+3	7·4	1	0	0	1	2	9	11	
Octobe	1,010·4	1,009·9	+1·5	84·0	81·6	0	76·5	75·9	—1·8	28·5	28·3	—3·1	70	76	—8	1·6	1	0	1	5	5	11	4	
November	1,012·3	1,011·8	+1·3	83·7	81·1	+1·0	73·4	73·5	+0·7	23·7	24·9	+0·5	60	69	—1	1·4	1	2	3	5	4	2	6	
December	1,012·0	1,011·2	—0·6	82·3	79·1	+2·0	70·0	69·8	0	19·5	20·7	—1·0	52	62	—8	0·6	2	11	6	0	2	0	3	
Year	1,008·2	1,007·5	—0·3	83·9	81·5	+1·3	75·6	74·8	+0·8	26·9	27·0	+0·3	67	72	—2	3·7	81	14	14	16	15	32	86	10
POONA (1,834).																								
January	949·9	948·3	—2·2	80·8	73·8	+4·5	64·8	62·3	..	14·5	14·6	..	41	57	..	2·9	0	2	9	1	2	3	4	
February	949·5	948·8	—0·8	84·9	78·2	+4·8	64·2	62·0	..	12·1	12·6	..	29	45	..	0·9	0	3	10	3	1	1	1	
March	948·7	948·0	+0·1	92·2	84·7	+4·9	65·5	64·3	..	10·7	12·2	..	21	35	..	1·9	3	1	2	0	0	0	8	
April	946·4	945·8	—0·2	91·9	86·2	+2·3	69·7	69·1	..	15·8	16·5	..	33	45	..	3·7	2	3	6	2	0	3	10	
May	945·5	945·0	+0·3	96·6	90·2	+6·3	70·1	70·4	..	14·3	17·3	..	25	50	..	1·3	1	2	1	0	0	3	17	
June	943·1	942·7	+0·6	89·1	85·0	+5·0	73·7	73·1	..	22·1	23·0	..	47	56	..	6·2	0	0	0	0	0	0	28	
July	942·3	942·0	+0·1	80·0	78·0	+2·6	73·4	72·5	..	25·4	25·0	..	73	71	..	9·1	0	0	0	0	0	1	30	
August	943·3	942·7	—0·6	81·9	78·8	+4·6	74·6	73·3	..	26·3	25·8	..	70	77	..	8·1	0	0	1	0	0	0	22	
September	944·9	944·7	—0·8	80·3	77·2	+2·5	72·3	71·3	..	23·8	23·8	..	69	76	..	8·2	0	0	0	0	0	1	24	
October	949·3	949·1	+1·3	85·1	79·9	+3·6	68·0	67·7	..	16·5	18·3	..	41	57	..	3·0	0	10	8	1	0	1	3	
November	951·3	951·1	+1·4	84·5	78·0	+5·9	65·6	65·8	..	18·8	14·6	..	35	49	..	2·7	0	3	17	3	1	0	0	
December	950·9	950·7	—0·4	81·2	74·1	+5·7	63·4	60·7	..	12·7	12·8	..	35	49	..	2·4	0	2	20	3	0	1	0	
Year	947·1	946·6	+0·3	85·7	80·3	+4·4	68·8	67·7	..	17·3	18·0	..	43	55	..	4·2	6	26	74	13	4	14	147	1
HYDERABAD (Begumpet.) (1,778).																								
January	952·0	951·3	..	82·7	77·3	..	68·2	66·6	..	17·6	18·0	..	46	59	..	3·1	2	1	10	10	3	2	0	
February	951·9	951·3	..	85·9	80·5	..	68·2	66·6	..	16·4	16·3	..	39	50	..	2·1	0	5	5	14	0	2	1	
March	950·2	949·7	..	94·0	88·9	..	72·2	70·9	..	18·0	18·5	..	33	42	..	1·8	0	1	4	16	2	6	0	
April	947·4	946·9	..	97·4	92·9	..	73·3	72·2	..	16·9	18·6	..	30	37	..	2·6	3	3	4	6	3	0	7	
May	945·7	945·2	..	101·5	96·8	..	74·9	74·1	..	18·8	19·6	..	28	35	..	2·1	2	8	2	1	1	3	3	
June	943·4	942·9	..	91·9	87·3	..	75·8	74·6	..	23·9	24·2	..	48	58	..	6·4	0	0	0	0	0	0	15	1
July	943·3	942·7	..	82·1	79·9	..	75·4	74·5	..	27·3	26·8	..	74	79	..	9·1	0	0	0	0	0	2	24	
August	944·5	943·9	..	82·7	80·2	..	75·6	74·6	..	27·4	27·0	..	72	78	..	8·3	2	2	2	3	1	1	9	
September	945·6	945·2	..	81·7	78·9	..	74·3	73·3	..	25·9	25·8	..	71	78	..	8·5	3	1	1	0	0	4	14	
October	950·5	950·3	..	83·1	78·8	..	70·7	69·6	..	20·8	21·1	..	54	64	..	4·7	6	15	1	1	0	1	3	
November	953·1	953·0	..	82·0	76·1	..	67·7	64·2	..	17·5	17·9	..	47	60	..	4·5	0	14	9	6	0	0	0	
December	952·7	952·5	..	79·2	72·9	..	65·3	63·3	..	15·9	16·2	..	48	61	..	3·7	0	15	11	3	0	0	0	
Year	948·4	947·9	..	87·0	82·5	..	71·8	70·4	..	20·5	20·8	..	49	58	..	4·7	18	65	49	60	10	21	76	50

able VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1947—*concld.*

tion, height of bar. cistern ove 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
BANGALORE (3,021).																									
uary	910·8	910·5	—1·1	76·1	69·5	+2·9	64·1	63·0	..	15·7	16·8	..	51	68	..	6·0	0	4	15	9	1	2	0	0	0
bruary	911·0	910·4	—0·5	80·2	71·8	+0·6	62·0	61·3	..	11·8	13·7	..	33	53	..	3·8	2	7	12	5	1	0	0	1	0
rch	910·4	909·9	+0·2	86·0	77·1	+1·3	64·7	64·4	..	12·3	14·6	..	30	47	..	3·2	1	6	13	6	0	0	3	2	0
il	908·3	907·8	—0·1	88·0	78·4	—0·7	67·6	67·2	..	14·9	16·6	..	33	51	..	3·5	2	3	6	6	1	2	6	4	0
y	907·8	907·4	+0·7	88·8	80·6	+2·8	71·1	69·8	..	18·8	20·1	..	41	57	..	3·8	3	3	2	2	2	3	10	6	0
ne	906·4	906·1	0	80·5	74·5	+1·1	69·8	68·4	..	20·6	21·2	..	58	75	..	8·5	0	0	0	0	0	8	14	8	0
y	906·3	906·1	—0·1	76·2	71·6	+0·2	69·6	68·1	..	22·0	21·9	..	72	83	..	9·5	0	0	0	0	0	6	20	5	0
gust	906·2	905·9	—0·8	77·6	72·4	+1·2	70·4	69·0	..	22·4	22·6	..	69	82	..	9·2	0	0	1	1	1	5	13	9	1
ptember	907·5	907·4	—0·4	76·6	71·3	0	69·0	67·7	..	21·1	21·4	..	67	80	..	9·1	0	0	0	0	0	4	13	12	1
tober	909·9	909·9	+1·0	77·6	71·6	+0·3	67·6	66·6	..	19·1	19·9	..	59	74	..	7·8	7	5	3	1	0	1	5	9	0
vember	911·8	911·7	+1·5	77·1	69·6	+0·7	63·1	62·1	..	14·1	15·2	..	44	60	..	4·3	2	8	13	1	1	0	2	2	1
cember	910·7	910·6	—0·8	76·0	68·6	+2·0	62·7	61·6	..	14·0	15·2	..	46	64	..	4·4	4	11	13	2	0	0	0	1	0
ar	908·9	908·7	0	80·1	73·1	+1·0	66·8	65·8	..	17.2	18·3	..	50	66	..	6·1	21	47	78	33	7	31	86	59	3
TRIVANDRUM (211).																									
nuary	1,003·2	1,003·1	—0·5	84·6	79·5	+2·8	76·3	74·4	+3·6	27·2	27·5	+4·8	67	83	+9	5·7	0	0	1	1	3	18	5	2	1
bruary	1,003·5	1,003·3	+0·2	86·3	80·0	+1·9	75·5	78·7	+2·0	25·3	26·1	+2·9	59	77	+5	5·1	0	0	1	2	2	13	6	3	1
rch	1,003·2	1,003·0	+0·6	87·9	81·3	+0·9	77·3	75·7	+1·1	27·2	28·3	+2·1	61	79	+4	5·3	0	1	0	1	2	14	8	5	0
ril	1,001·7	1,001·4	+0·6	86·3	81·3	+0·3	77·9	76·4	+0·3	28·8	29·1	+1·0	67	82	+3	4·8	2	1	0	3	1	1	7	15	0
y	1,001·4	1,001·2	+0·6	88·4	82·8	+2·5	79·0	78·0	+1·5	29·6	30·4	+1·7	65	81	—2	4·8	1	0	0	0	0	5	14	11	0
ne	1,001·7	1,001·3	+0·7	82·3	78·8	+1·2	77·7	76·0	+1·4	30·3	29·9	+2·4	81	90	+4	8·5	3	0	0	0	1	3	8	15	0
ly	1,001·8	1,001·5	+0·5	82·8	78·4	+1·7	77·0	75·8	+1·9	29·1	29·0	+2·1	76	88	+1	7·9	3	0	0	0	0	0	8	20	0
gust	1,001·4	1,001·3	—0·3	81·3	77·3	+0·6	75·9	74·7	+1·0	28·1	28·2	+1·6	78	90	+4	7·8	1	0	0	0	1	0	9	20	0
ptember	1,002·7	1,002·8	+0·8	81·6	77·4	+0·3	75·8	74·7	+1·1	27·9	28·3	+1·9	76	91	+7	7·2	1	0	0	0	0	1	17	11	0
tober	1,003·6	1,003·9	+1·6	83·8	78·2	+1·3	76·5	74·7	+1·1	27·9	28·2	+1·6	71	86	+1	5·7	1	1	0	0	0	1	22	6	0
vember	1,004·1	1,004·3	+1·6	86·2	79·7	+2·7	75·3	73·6	+0·1	25·1	25·6	—0·7	59	76	—8	4·6	0	0	0	1	3	13	12	1	0
cember	1,003·0	1,003·0	—0·3	85·9	79·5	+3·2	74·8	73·4	+1·8	24·4	25·4	+1·7	50	78	0	4·9	0	0	0	0	4	19	5	3	0
ar	1,002·6	1,002·5	+0·5	84·8	79·5	+1·6	76·6	75·1	+1·4	27·6	28·0	+1·9	68	83	+2	6·0	12	3	2	8	17	88	121	112	2
MADRAS (51).																									
nuary	1,010·8	1,010·6	—2·8	81·8	76·3	+0·9	73·9	72·6	..	25·0	25·5	..	68	82	..	6·5	2	12	13	1	1	1	0	0	1
bruary	1,011·0	1,010·4	—2·0	83·3	76·8	+0·4	72·7	71·3	..	22·7	23·5	..	58	73	..	5·8	1	8	12	6	0	0	0	1	0
rch	1,009·4	1,009·0	—1·3	89·0	80·9	+1·9	76·6	75·2	..	25·6	26·7	..	55	71	..	3·6	0	2	9	11	8	1	0	0	0
ril	1,005·2	1,005·0	—2·6	95·0	87·7	+4·1	79·7	78·9	..	27·6	30·2	..	52	70	..	3·8	2	0	7	4	7	3	4	2	1
y	1,004·1	1,004·0	—0·5	97·5	89·3	+1·1	80·2	79·3	..	27·5	30·0	..	45	66	..	2·8	0	0	2	9	7	9	3	1	0
ne	1,001·9	1,001·8	—1·5	97·5	90·7	+2·9	77·3	76·5	..	22·9	25·2	..	38	55	..	6·5	1	0	0	0	0	3	21	4	1
ly	1,002·9	1,002·7	—1·3	91·7	85·6	+0·4	77·0	76·2	..	25·0	26·6	..	50	65	..	8·9	0	0	0	0	1	4	21	5	0
gust	1,002·9	1,002·8	—2·1	89·9	84·2	+0·2	78·0	77·4	..	27·4	29·0	..	58	72	..	7·7	0	1	4	2	1	3	16	3	1
ptember	1,004·5	1,004·4	—1·5	88·5	83·2	—0·2	77·4	76·7	..	27·2	28·7	..	60	75	..	7·7	3	0	0	0	0	7	15	5	0
tober	1,007·9	1,008·1	—0·2	86·3	80·4	—0·2	76·5	75·6	..	26·9	27·6	..	64	78	..	6·6	11	4	0	3	0	5	1	7	0
vember	1,010·9	1,011·1	+0·1	84·8	77·9	+0·1	73·0	72·0	..	22·5	23·5	..	56	71	..	5·4	11	10	3	1	1	2	0	2	0
cember	1,010·4	1,010·4	—2·4	81·6	75·5	—0·1	72·5	71·1	..	23·2	23·6	..	63	78	..	7·5	6	18	4	1	0	0	1	1	0
ar	1,006·8	1,006·7	—1·5	88·9	82·4	+1·0	76·2	75·2	..	25·3	26·7	..	56	71	..	6·1	37	55	54	38	26	38	82	31	4
KODAIKANAL (7,688).																									
nuary	771·7	771·5	+0·4	58·1	53·6	+1·1	53·9	49·8	+3·6	12·7	10·8	+2·4	78	80	+18	6·9	2	6	3	14	3	0	0	1	2
bruary	772·1	771·6	+0·2	60·7	54·3	+0·6	51·7	47·7	+0·7	9·9	9·0	+0·5	54	71	+11	5·0	10	7	3	2	0	0	1	3	2
rch	772·7	774·9	+3·4	63·4	59·2	+2·9	54·4	49·7	+1·1	11·2	9·4	+0·6	58	70	+15	5·6	2	20	2	4	1	0	0	1	1
ril	771·6	772·1	+1·3	63·7	59·2	0	56·9	55·1	+2·5	13·4	13·3	+2·2	68	77	+12	6·1	4	8	5	9	1	0	0	1	2
y	771·8	772·2	+2·0	67·7	62·0	+1·9	59·1	55·3	+0·6	14·1	12·7	+0·2	61	74	+2	5·9	3	9	6	5	0	0	0	3	5
ne	770·0	770·7	+2·0	63·3	58·6	+1·4	58·3	54·6	+1·3	14·8	13·3	+0·8	75	82	+4	8·2	1	0	0	1	1	2	8	15	2
ly	769·9	770·7	+2·5	61·3	57·3	+1·6	57·1	54·5	+1·8	14·5	13·5	+1·1	79	87	+4	9·1	2	0	0	2	0	2	11	12	2
gust	769·3	768·8	+0·1	60·6	56·9	+1·0	58·0	55·2	+2·1	15·5	14·3	+1·8	86	91	+8	9·4	2	3	1	7	2	0	6	10	0
ptember	770·2	770·0	+0·8	60·8	58·5	+2·9	57·5	55·5	+2·6	15·0	14·1	+1·5	83	88	+5	9·0	2	2	0	2	0	0	8	15	1
tober	771·6	771·7	+1·7	59·9	55·2	+0·3	56·2	53·4	+1·0	14·4	13·3	+0·9	82	91	+6	8·5	3	1	0	4	5	0	2	12	4
vember	772·3	772·4	+1·7	58·8	55.3	+1·9	53·1	51·9	+1·5	11·8	12·0	+0·5	67	79	—4	5·2	4	8	3	4	1	0	2	7	1
cember	771·4	771·6	+0·9	60·1	52·9	—0·2	53·6	51·5	+4·2	11·8	12·5	+3·6	67	72	+6	5·9	1	5	4	6	2	0	0	9	4
ar	771·2	771·5	+1·3	61·6	56·9	+1·2	55·8	52·9	+2·0	13·3	12·3	+1·3	71	80	+7	7·1	36	69	27	60	16	4	38	89	26

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Stat during each month and the year 1947.

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. Hours.	Maximum. Date.	Minimum. Hours.	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.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CALCUTTA— Lat. 22° 32′ N. Long. 88° 20′ E.	January	1	1	2	8	19	255·3	76	10·0	9,16	0	2	52·2	+3·6	43·5	17	5·0
	February	0	3	0	0	25	258·0	81	10·9	24, 28	0·6	18	54·7	+1·2	47·2	2	6·1
	March	0	2	1	7	21	270·8	73	10·7	31	0·1	19	66·9	+3·5	58·1	1	4·6
	April	0	0	0	5	25	292·1	77	11·5	20	7·6	17	75·9	+4·5	70·0	30	3·5
	May	1	3	4	7	16	252·2	61	11·5	8	0	21	77·7	+3·0	71·2	1	2·7
	June	2	7	9	7	5	157·1	39	10·0	6,15,19	0	16,17	76·8	+0·1	72·4	25	3·9
	July	4	10	8	9	0	115·6	28	8·8	13	0	4 days	77·8	+0·9	75·5	9	2·0
	August	3	12	6	7	3	130·4	33	9·9	7	0	4, 13, 24	77·9	+1·3	74·7	12	1·6
	September	6	3	4	15	2	150·8	41	9·8	13	0	6 days	77·4	+1·8	75·8	9	2·2
	October	1	8	5	8	9	190·6	53	10·4	28	0	23	72·2	+2·0	62·6	31	2·8
	November	0	0	1	7	22	275·1	83	10·6	1	3·8	5	59·7	+1·3	53·9	25	4·8
	December	7	1	1	6	16	208·8	63	9·9	18	0	7 days	53·8	+5·2	46·2	12	4·8
	Year	25	50	41	86	163	2,556·8	59	11·5	IV, V	0	8 months	68·6	+2·4	43·5	I	3·7
NEW DELHI— Lat. 28° 35′ N. Long. 77° 12′ E.	January	0	5	1	5	20	244·8	75	10·2	14	0·5	4, 10	(d) 35·5	..	25·0	17	6·7
	February	0	3	3	8	14	227·9	73	10·9	25	0·7	18	39·5	..	32·4	19	8·7
	March	0	0	3	9	19	272·9	74	10·6	1	4·1	28	51·1	..	42·0	2	8·2
	April *	0	0	3	15	11	240·3	62	10·8	23	3·3	27	64·5	..	53·4	3	[illegible]·6
	May	0	2	5	6	18	264·1	63	11·8	19	1·5	4	69·0	..	53·0	6	10·0
	June	1	1	5	17	6	206·4	49	10·5	20	0	24	(h) 81·7	..	72·2	16	24·7
	July	2	3	13	8	5	179·2	42	11·9	3	0	8, 9	(e) 79·5	..	70·3	26	2·5
	August	0	6	11	9	5	183·9	45	12·0	30, 31	0·1	4	(a) 73·9	..	67·1	20	6.1
	September	11	6	2	6	5	114·2	31	11·3	1	0	13, 24	..	..	..	..	..
	October	0	0	2	8	21	279·1	78	10·4	26	4·0	5	(j) 56·8	..	51·5	21,28	8·2
	November	0	0	1	3	26	285·9	89	10·1	15, 19	6·0	29	(c) 47·2	..	35·7	28	8·6
	December	0	1	4	7	19	263·5	82	10·0	9	2·5	22	39·3	..	27·8	18	6·8
	Year	14	27	53	101	169	2,762·2	62	12·0	VIII	0	VI, VII, IX	..	..	..	..	..
SRINAGAR— Lat. 34° 05′ N. Long. 74° 50′ E.	January	19	9	3	0	0	261·6	83	5·4	13	0	17 days	20·4	..	15·2	1	1·7
	February	7	4	9	6	2	109·4	36	9·2	18	0	7 days	25·8	..	14·1	1	4·0
	March	4	3	4	11	9	195·0	53	10·0	1	0	3, 18, 22	34·0	..	26·0	9	5·6
	April	0	2	5	12	11	224·4	57	10·6	29	1·1	27	39·9	..	34·0	11	6·0
	May	3	2	2	6	18	253·5	59	12·1	25	0	2,3,4	47·9	..	40·0	7	5·2
	June*	0	5	5	12	7	207·5	48	11·5	4	1·3	29	51·8	..	44·5	16	5·3
	July	0	1	5	8	17	267·1	61	11·6	12	2·5	22	57·7	..	53·6	9	4·4
	August	3	1	7	9	11	222·3	54	11·5	20	0	28, 30	61·6	..	53·3	1	3·6
	September	1	1	3	9	16	246·5	66	10·3	4	0	25	52·2	..	40·7	24	6·1
	October	2	2	4	4	19	243·2	69	10·3	13	0	8, 22	33·1	...	28·5	27	7·6
	November	0	3	2	10	15	243·5	78	10·0	11	0·3	28	25·2	..	19·3	24	5·1
	December	11	3	10	7	0	101·3	33	8·5	2	0	11 days	27·3	..	18·3	17	1·1
	Year	50	36	59	94	125	2,575·3	58	12·1	V	0	8 months	39·7	..	14·1	II	4·6

(*) Observations of bright sunshine for 29 days.
(a) Mean of 30 days.
(e) Mean of 26 days.
(c) Mean of 28 days.
(h) Mean of 23 days.
(d) Mean of 27 days.
(j) Mean of 21 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Stations during each month and the year 1947—*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. Hours.	Maximum. Date.	Minimum. Hours.	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
JODHPUR— Lat. 26° 18′ N. Long. 73° 01′ E.	January	0	1	0	7	23	296·9	89	10·5	14	2·3	3	41·6	..	35·5	14	6·0	..
	February	0	0	0	5	23	277·2	88	10·9	24	6·8	13	50·4	..	41·9	1	2·6	..
	March	0	0	0	2	29	298·2	80	10·3	5	8·6	23	58·8	..	51·2	2,6	3·5	..
	April	0	1	1	3	25	294·2	77	11·8	14	5·1	5	69·7	..	58·2	29	4·2	..
	May	0	0	0	1	30	345·1	83	12·0	17,18,23	7·8	5	78·8	..	72·0	8	2·9	..
	June	0	0	0	4	26	317·4	77	12·0	2	8·4	16	82·3	..	78·0	28	1·0	..
	July†	0	2	3	12	12	235·8	56	11·0	14	2·5	5	81·7	..	75·0	17	0·1	..
	August	1	6	6	12	6	195·5	49	11·4	16	0	27	78·4	..	72·0	9	1·0	..
	September	1	5	6	10	8	195·5	53	10·5	2	0	25	73·5	..	68·3	28	2·2	..
	October*	0	0	1	6	23	281·3	78	10·4	30, 31	5·5	16	61·7	..	55·0	21,25	3·2	..
	November	0	0	0	4	26	293·9	90	10·5	3,4	7·0	21	55·4	..	51·0	20	4·2	..
	December	0	0	2	3	26	289·0	89	10·1	17	4·9	20	(e) 49·4	..	37·0	16	2·1	..
	Year	2	15	19	69	257	3,320·0	75	12·0	V, VI	0	VIII, IX	65·1	..	35·5	I	2·8	..
JAIPUR— Lat. 26° 55′ N. Long. 75° 50′ E.	January	0	1	2	7	21	278·7	85	10·5	5 days	0·9	27	38·8	+2·3	28·5	15	[illegible]·6	—3·8
	February	0	0	1	4	23	278·5	87	11·3	26, 27, 28	4·3	14	42·6	+2·6	34·2	11	8·5	—1·9
	March	0	0	0	5	26	319·0	86	11·6	26	7·1	12	53·3	+4·2	42·0	6	8·4	—1·4
	April	0	1	1	1	27	305·1	79	12·0	14	2·8	18	62·1	+2·9	48·0	1	8·7	—1·1
	May	1	0	1	5	24	308·3	74	12·3	18	0	3	70·9	+2·1	59·6	8	8·2	+0·3
	June	1	4	6	5	14	223·0	54	11·7	9	0	30	79·4	+3·5	74·1	19	4·1	—0·3
	July	3	7	6	12	3	162·3	38	9·4	27	0·6	9, 25	78·3	+3·1	73·4	17	2·3	—0·7
	August	3	8	11	6	3	143·0	35	11·7	8	0	2, 3, 19	74·5	+2·7	71·7	6	1·9	—1·3
	September		12	7	7	4	150·8	41	11·1	29	0·4	11	71·8	+4·3	62·2	28	2·0	—2·1
	October			1	3	27	302·4	87	11·0	2	3·5	4	55·3	+0·3	46·5	26	7·5	—1·6
	November			0	3	27	298·1	92	10·7	11	7·9	28	45·9	+2·8	39·3	27	9·1	—1·5
	December			2	5	23	277·8	86	10·2	26	2·5	21	41·1	+4·4	25·0	16	7·9	—2·8
	Year	8	34	38	63	222	3,067·0	71	12·3	V	0	V, VI, VIII	59·5	+2·9	25·0	XII	6·3	—1·5
BOMBAY— Lat. 18° 54′ N. Long. 72° 49′ E.	January†	0	0	0	4	25	286·1	89	10·5	19	8·5	13	57·7	—1·1	47·2	19	9·4	+1·5
	February	0	0	0	0	28	287·2	89	10·8	20	9·3	4	56·5	—3·4	47·8	13	12·4	+5·0
	March	0	2	1	17	11	255·9	69	10·2	1	0·9	29	63·5	—1·9	50·8	9	10·0	+3·6
	April	2	4	4	8	12	206·2	55	10·2	30	0·2	16	71·4	+0·3	65·0	10	5·7	+1·0
	May	0	0	1	4	26	308·0	76	10·8	5 days	5·7	20	64·5	—11·9	54·0	10	15·6	+12·7
	June	2	3	5	9	11	206·8	52	10·7	1	1·5	29	69·8	—7·0	61·0	4	11·6	+9·9
	July‡	14	6	4	3	0	47·5	13	9·0	8	0·3	23	74·1	—1·2	70·0	5, 12	3·5	+2·2
	August*	12	5	7	6	0	84·0	22	8·3	8	0·3	31	75·6	+1·2	74·0	24, 30	1·8	+0·2
	September†	9	7	5	8	0	94·0	26	8·9	17, 20	1·0	24, 25	72·8	—0·6	62·3	30	3·5	+1·4
	October	0	2	1	7	21	276·2	76	11·0	17	0·2	1	68·5	—2·1	60·2	28	6·1	+1·3
	November	0	0	0	2	28	298·4	89	10·3	1, 2, 13	8·5	11	64·2	—0·7	59·2	18	8·7	+1·3
	December	0	0	0	2	29	301·6	88	10·3	35	7·1	16	59·8	—0·7	54·5	30	9·9	+1·7
	Year	39	29	28	70	191	2,651·9	60	11·0	X	0·2	IV, X	66·5	—2·5	47·2	I	8·2	+3·5

(*) Observations of bright sunshine for 30 days. (†) Observations of bright sunshine for 29 days. (‡) Observations of bright sunshine for 27 days. (e) Mean of 26 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Station during each month and the year 1947—*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. Hours.	Maximum. Date.	Minimum. Hours.	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
POONA— Lat. 18° 32′ N. Long. 73° 51′ E.	January	0	0	3	9	19	276·8	80	10·6	17	4·5	1	50·9	+4·5	42·0	19	4·9	—1·2
	February	0	0	0	3	25	276·9	86	10·6	18, 19	7·3	15	50·0	+1·7	43·1	18	7·8	+0·9
	March	0	1	2	5	23	280·3	75	10·6	11, 12	1·5	2	57·5	+·34	48·5	12	6·6	—0·6
	April	0	5	5	4	16	238·3	63	11·5	22	0·3	15	61·5	+0·4	54·3	27	7·5	+0·4
	May*	0	0	0	4	26	321·5	—	11·6	30	7·5	21	64·5	—1·7	57·0	12	7·2	+1·1
	June ‡	0	2	6	5	13	209·9	—	11·5	1	0.2	29	68·4	—1·5	63·8	1	6·7	+3·4
	July	5	20	3	2	1	63·4	16	9·1	8	0	5 days	69·3	0	65·1	25	3·2	+1·0
	August	5	10	7	7	2	114·3	29	9·8	4	0	5 days	69·3	+1·5	66·1	12	2·7	0
	September	2	10	11	6	1	116·6	32	9·5	15	0	28, 29	67·2	+0·9	62·1	13	2·7	—0·2
	October	0	1	2	10	18	264·4	73	10·9	21	1·7	1	60·3	—2·0	47·9	30	5·4	+1·8
	November†	0	0	1	7	20	265·9	—	10·5	2, 18	4·3	20	51·8	—1·2	45·3	17	7·6	+2·3
	December	0	0	0	9	22	287·0	84	10·3	2	6·2	15	(a) 46·8	—0·6	39·8	27	8·4	+3·0
	Year	12	49	40	71	186	2,715·3	—	11·6	V	0	VII, VIII, IX	59·8	—0·5	39·8	XII	5·9	+1·0
BANGALORE— Lat. 12° 58′ N. Long. 77° 35′ E.	January	0	4	4	19	4	213·0	60	10·0	15	0·2	29	59·8	+5·0	52·4	16	2·1	—0·8
	February	0	0	1	11	16	253·3	71	10·5	6,9	6·0	1	58·6	+2·0	47·0	9	3·1	—0·5
	March	0	1	0	6	24	287·4	77	10·7	20,25	0·9	2	63·7	+3·5	56·0	18	4·2	0
	April	0	0	1	9	20	285·5	77	11·7	16	5·1	12	68·0	+1·5	64·4	4	2·2	—0·5
	May	0	0	0	10	21	296·9	75	11·3	5,10,14	6·4	31	69·7	+2·3	65·3	24	1·5	0
	June	1	6	11	9	3	155·8	40	11·0	15	0	30	66·8	+0·9	65·2	2, 9, 29	1·1	+0·2
	July	4	15	10	2	0	73·4	18	8·4	7	0	4 days	66·2	+1·1	64·0	30	0·9	+0·1
	August	4	8	6	10	3	143·4	37	11·0	14	0	21,22,23	66·5	+1·7	64·2	5, 30	1·0	+0·1
	September	5	8	11	5	1	111·7	31	9·6	3	0	5 days	65·5	+1·1	61·8	4	0·9	—0·1
	October	1	7	6	12	5	177·4	48	10·2	30	0	15	62·4	—0·5	51·0	31	3·0	+0·9
	November	0	1	4	10	15	248·0	72	10·3	2	1·7	21	55·9	—3·2	47·4	16	5·0	+2·3
	December	2	3	2	15	9	215·9	61	9·5	28,30	0	14,15	56·5	+1·1	46·3	28	3·8	+1·0
	Year	17	53	56	118	121	2,461·7	56	11·7	IV	0	6 months	63·3	+1·4	46·3	XII	2·4	+0·2
TRIVANDRUM— Lat. 8° 30′ N. Long. 76° 59′ E.	January	1	5	1	7	17	244·6	67	11·0	7	0	13						
	February	2	0	2	6	18	238·6	72	11·2	11	0	20, 28						
	March	1	3	5	3	19	248·3	66	10·7	10, 15, 17	0	27						
	April	4	5	3	3	15	199·8	54	11·4	24	0	4 days						
	May	0	0	8	9	14	252·2	65	11·5	5	3·1	29						
	June	4	12	11	3	0	93·0	25	7·5	3	0	4 days						
	July	9	6	4	7	5	133·3	34	9·9	30	0	6 days						
	August	5	2	11	10	3	159·2	41	10·8	6, 31	0	5 days						
	September	1	11	7	7	4	141·3	39	10·3	1, 30	0	12						
	October	0	5	5	11	10	216·1	58	11·0	5	0·6	20						
	November	1	0	1	12	16	260·7	74	11·2	7	0	23						
	December	0	2	7	7	15	243·9	67	11·1	25, 29	0·3	6						
	Year	28	51	65	85	136	2,431·0	55	11·5	V	0	9 months						

*Observations of bright sunshine for 30 days.
† " " " " 28 days.
‡ " " " " 26 days.

(a) Mean of 30 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Stations during each month and the year 1947—*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. Hours.	Maximum. Date.	Minimum. Hours.	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
MADRAS— Lat. 13° 04′ N. Long. 80° 15′ E.	January	1	2	3	5	20	253·4	71	10·9	25	0	27	56·9	+0·5	60·2	17	5·8	+2·8
	February	0	0	3	8	17	254·7	78	11·1	16, 17	4·7	12	65·0	−1·0	60·0	6	5·6	+3·0
	March	0	0	0	3	28	319·0	85	11·3	28	7·1	1	(a) 69·3	−0·3	60·4	1	5·5	+3·2
	April	0	0	0	3	27	311·9	84	11·7	20, 21	7·1	11	(b) 76·2	+0·3	72·6	1	4·5	+2·9
	May	0	0	0	1	30	340·3	89	11·8	18, 19	7·2	14	(c) 77·3	−2·4	69·1	9	4·6	+3·2
	June	2	2	4	12	10	221·0	57	11·1	3	0	26, 30	79·7	−0·4	76·9	10	3·4	+2·4
	July	4	12	7	6	2	120·2	30	10·9	6	0	5, 24, 30	76·3	−1·4	70·5	14	3·0	+1·9
	August	5	5	3	8	10	186·3	48	11·2	4	0	4 days	75·0	1·6	71·0	12	3·6	+2·6
	September	2	6	11	8	3	161·3	44	10·6	3	0	16, 17	74·6	−1·3	72·0	7	2·3	+1·4
	October	1	4	4	13	9	219·1	60	11·0	28	0	20	72·3	−1·4	62·7	31	2·4	+1·4
	November	0	2	4	8	16	258·5	75	11·3	2	1·7	21	66·9	−3·6	58·5	16	4·1	+2·6
	December	2	2	5	8	14	232·5	66	11·1	4	0	13, 14	66·2	−1·1	59·6	28	3·0	+1·2
	Year	17	35	44	83	186	2,878·2	66	11·8	V	0	7 months	72·1	−1·1	58·5	XI	4·0	+2·4
KODAIKANAL— Lat. 10° 14′ N. Long. 77° 28′ E.	January	1	10	8	7	5	147·5	41	10·2	11	0	1	41·7	+3·8	31·9	24	7·0	−0·3
	February	1	2	4	7	14	215·7	65	10·8	8, 9, 26	0	20	37·8	−0·1	28·4	8	10·1	+2·7
	March	1	4	3	14	9	212·1	57	10·6	10	0	2	43·0	−2·1	35·4	16	8·5	−2·2
	April	4	2	3	8	13	203·6	55	11·2	23	0	4 days	47·1	−2·1	41·1	23	7·2	+0·[illegible]
	May	0	0	5	15	11	249·1	64	11·2	1	3·3	26	46·5	−1·1	42·1	19	8·6	+3·1
	June	0	13	10	6	1	119·6	31	9·7	22	0·1	11	49·3	−0·7	42·8	18	7·2	+1·1
	July	3	13	8	6	1	105·5	27	10·0	14	0	1, 5, 16	48·7	+0·2	43·1	30	4·9	−2·2
	August	1	16	10	4	0	98·0	25	8·5	3	0	1[illegible]	43·2	−1·3	31·8	3	4·1	+0·9
	September	2	17	6	3	2	94·0	26	9·7	4	0	18	48·9	+1·5	38·9	30	4·0	+0·[illegible]
	October	1	9	13	4	4	140·7	38	10·2	23	0	21	45·5	−0·9	35·0	25	5·5	−1·8
	November	0	2	5	13	10	216·8	62	10·6	2	0·2	19	37·5	−7·2	29·8	9	9·9	+5·5
	December	3	6	9	6	7	157·6	44	10·8	30	0	15	36·4	−4·1	15·4	30	11·2	−4·4
	Year	17	94	84	93	77	1,960·2	44	11·2	IV, V	0	9 months	44·3	−3·1	15·4	XII	7·2	+2·2

(a) Mean of 30 days. (b) Mean of 29 days. (c) Mean of 27 days.

Table VIII.—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1947.

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	2·5	3·1	3·3	3·1	3·4	3·6	3·8	3·9	3·3	4·2	5·0	5·3	5·4	5·8	6·1	6·1	5·5	3·5	1·3	0·4	0·6	1·4	1·6	1·
February	2·1	2·1	2·0	3·0	3·0	2·7	2·7	3·0	3·3	4·1	5·1	5·3	5·7	6·2	6·4	6·4	6·1	4·6	2·7	1·9	2·4	2·6	2·7	2·
March	5·2	5·1	4·8	4·5	3·8	4·4	4·2	4·7	5·5	6·4	6·7	6·8	7·2	7·9	8·2	8·8	8·7	7·9	5·9	6·1	6·4	6·7	5·8	5·
April	7·3	7·0	6·9	6·3	6·0	5·8	5·7	6·7	7·5	7·6	7·4	7·3	7·8	8·3	9·2	10·0	10·0	8·7	8·6	9·2	8·6	7·9	7·9	7·
May	6·7	6·1	6·0	5·5	5·2	5·3	5·5	6·7	7·3	7·7	8·0	8·1	8·9	9·3	9·2	9·8	10·1	9·6	8·9	8·8	8·3	7·9	7·6	8·
June	*5·4*	*5·7*	*4·8*	*4·4*	*4·4*	*4·2*	*4·2*	*5·1*	*5·3*	*6·3*	*7·8*	*7·8*	*8·0*	*7·9*	*8·0*	*8·5*	*7·3*	*7·4*	*6·2*	*5·7*	*6·1*	*6·2*	*5·7*	*5·*
July	*4·5*	*4·9*	*4·4*	*4·2*	*4·2*	*4·3*	*4·3*	*5·5*	*6·4*	*6·7*	*8·3*	*8·7*	*9·3*	*9·3*	*8·4*	*8·2*	*7·4*	*7·6*	*5·9*	*6·0*	*5·5*	*5·0*	*4·9*	*4·*
August	*2·7*	*3·4*	*2·7*	*2·7*	*3·0*	*3·0*	*3·5*	*4·6*	*5·3*	*5·7*	*6·3*	*6·2*	*6·5*	*7·0*	*6·2*	*6·0*	*5·8*	*5·0*	*3·9*	*3·7*	*3·4*	*3·2*	*2·9*	*2·*
September	*2·6*	*2·5*	*1·6*	*1·3*	*1·3*	*1·1*	*2·1*	*3·2*	*4·5*	*5·5*	*6·0*	*5·8*	*6·1*	*6·3*	*6·7*	*6·4*	*6·0*	*4·5*	*3·8*	*3·2*	*3·1*	*2·9*	*2·7*	*2·*
October	1·5	1·3	1·3	1·4	1·6	1·5	1·4	2·0	2·7	3·9	4·6	5·0	5·0	5·5	5·5	5·9	5·2	2·8	2·0	2·3	1·7	2·4	1·7	1·
November	0·8	0·6	0·5	1·3	1·3	1·1	0·9	1·2	1·7	3·0	4·4	4·6	5·5	5·8	5·7	5·4	4·5	0·9	0·2	0·2	0·4	0·5	0·6	0·
December	0·6	0·8	1·1	1·0	1·3	1·1	1·3	2·2	2·2	3·0	*4·1*	*4·6*	*4·9*	*5·4*	*4·7*	*4·7*	3·9	0·9	0·4	0·4	0·5	0·5	0·3	0·
Year	3·5	3·5	3·3	3·2	3·2	3·2	3·3	4·1	4·6	5·3	6·1	6·3	6·7	7·1	7·0	7·2	6·7	5·3	4·1	4·0	3·9	3·9	3·7	3·
										SAUGOR ISLAND (51 FEET).														
January	0·2	0·2	0·4	0·7	1·2	1·6	1·3	3·4	4·3	*3·6*	*3·2*	*2·3*	*2·1*	2·4	1·7	1·2	0·4	0·3	0·3	0·3	0·7	0·2	0·1	0
February	*1·5*	*1·3*	*1·6*	*1·5*	*1·2*	*0·7*	*0·6*	*1·7*	*2·0*	*2·2*	*2·8*	*2·9*	*3·2*	*3·2*	*3·1*	*2·2*	*1·4*	*1·0*	*0·4*	*0·5*	*0·6*	*0·4*	*0·8*	2
March	*7·3*	*7·6*	*7·0*	*6·7*	*5·7*	*5·8*	*4·9*	*4·9*	*5·4*	*5·6*	*6·3*	*6·5*	*6·5*	*7·2*	*6·6*	*5·4*	*5·0*	*4·5*	*4·5*	*4·9*	*5·0*	*5·2*	*5·5*	7
April	*16·2*	16·8	15·7	*14·4*	*13·4*	*12·8*	13·2	*13·2*	*12·6*	*11·9*	12·8	*13·3*	*13·7*	*13·5*	*13·3*	*13·1*	*13·2*	*13·6*	*14·2*	*15·3*	*15·1*	*16·5*	*16·3*	16
May	*13·0*	*13·4*	12·4	*12·5*	*13·5*	*13·5*	*14·2*	*14·7*	*15·1*	*14·3*	14·4	14·8	14·2	13·8	14·5	*14·1*	*14·1*	*14·8*	*14·4*	*13·0*	*14·1*	*13·1*	*14·0*	12
June	8·4	8·8	8·7	8·8	9·6	8·8	9·1	8·8	8·9	*8·3*	8·9	9·2	8·6	9·2	9·1	10·1	9·6	8·4	8·8	8·9	9·5	7·3	7·4	8
July	*15·9*	14·8	14·3	14·3	13·8	14·6	*13·7*	15·7	15·5	15·2	14·9	14·6	14·9	14·9	15·3	15·8	*14·8*	*14·9*	*16·1*	*16·8*	*16·8*	*16·4*	*15·6*	15
August	*10·1*	*10·4*	*10·6*	*10·2*	*10·1*	*9·3*	*9·5*	*9·5*	*7·9*	*9·5*	*8·9*	*9·2*	*9·1*	*8·9*	*8·6*	*9·0*	*8·1*	*6·9*	*8·5*	*8·3*	*9·6*	*9·8*	*9·7*	9
September	7·1	6·8	5·8	6·5	6·4	5·5	5·4	6·6	6·9	6·6	6·6	5·8	7·5	6·9	7·6	7·2	5·6	5·6	6·3	6·6	7·2	7·8	7·8	6
October	*2·9*	*2·1*	*1·8*	*2·6*	*3·1*	*3·2*	*3·5*	4·4	*5·1*	*4·3*	5·1	*5·5*	*5·9*	*5·6*	*3·6*	*3·0*	1·9	1·7	2·1	*2·3*	*2·1*	*1·4*	*1·2*	1
November	1·3	1·0	1·1	1·3	1·6	1·5	1·1	3·0	4·2	3·5	4·0	5·3	6·1	5·8	3·8	1·6	0·9	0	0·1	0·1	0·4	0·5	0·5	0
December	2·2	2·0	3·4	3·4	3·5	3·4	3·7	6·1	7·4	6·7	7·1	7·2	7·0	6·6	5·8	3·9	1·3	0·8	0·6	0·3	0·6	0·9	0·9	1
Year	7·1	7·2	6·9	6·9	6·9	6·7	6·7	7·7	7·9	7·6	7·9	8·0	8·2	8·2	7·8	7·2	6·4	6·0	6·4	6·8	6·8	6·6	6·7	6
										JAMSHEDPUR (50 FEET).														
January	0·8	0·6	0·6	1·0	0·5	0·7	0·8	1·0	1·5	3·0	3·3	3·5	3·4	3·0	2·8	2·5	1·7	0·5	0·5	0·9	1·0	0·8	0·6	0
February	*1·2*	*1·5*	*1·1*	*1·2*	*1·0*	*1·4*	*1·3*	*2·3*	*2·4*	*2·9*	*2·9*	*3·0*	*3·5*	*4·0*	*4·1*	*3·5*	*2·7*	*1·5*	*0·9*	*1·3*	*1·0*	*1·1*	*0·9*	1
March	1·6	1·1	0·6	0·8	1·3	1·0	1·2	1·7	2·6	2·9	3·1	3·6	4·5	5·1	4·4	3·7	2·6	1·9	1·2	1·1	1·6	1·6	1·4	1
April	*1·4*	*1·5*	*1·9*	*1·3*	*1·1*	*0·8*	*1·7*	*2·5*	*3·8*	*3·7*	*4·3*	*4·9*	*6·4*	*5·5*	*7·4*	*6·6*	*5·1*	*3·5*	*2·7*	*2·1*	*2·7*	*2·1*	*2·5*	1
May	2·4	2·9	2·2	1·6	1·1	1·4	2·2	2·7	3·3	4·6	4·6	4·9	4·6	4·6	4·1	6·3	6·9	6·4	4·6	5·3	4·6	4·4	3·3	2
June	*1·9*	*1·5*	*2·0*	*2·2*	*1·9*	*1·6*	*2·1*	*2·9*	*3·5*	*4·4*	*5·3*	*5·4*	*5·0*	*5·0*	*5·9*	*5·8*	*5·3*	*5·1*	*3·8*	*3·0*	*2·7*	*2·2*	*2·8*	2
July	3·1	2·7	2·3	2·0	1·9	2·4	3·3	5·2	*5·4*	*6·3*	*6·4*	*6·9*	*6·2*	*6·2*	*5·2*	*5·0*	*4·4*	4·6	4·3	2·8	2·7	2·5	2·6	2
August	*2·1*	*2·0*	*2·3*	*2·5*	*2·8*	*2·3*	*3·2*	*4·3*	4·9	*5·5*	*5·1*	*5·7*	*5·1*	*5·9*	*6·5*	*4·7*	*4·4*	*3·2*	*2·8*	*2·8*	*2·4*	*2·1*	*2·0*	2
September	*1·1*	*0·9*	*1·1*	*0·9*	*1·0*	*1·0*	*1·7*	*2·6*	*3·5*	*4·1*	*4·0*	*4·0*	*4·0*	*4·3*	*3·9*	*3·5*	*3·1*	*2·6*	*2·4*	*1·8*	*1·6*	*1·7*	*1·4*	1
October	0·5	0·5	0·6	0·7	0·6	0·4	0·6	1·0	1·9	2·3	2·0	2·6	3·1	3·1	2·5	1·7	1·3	0·9	1·3	1·4	0·7	0·6	0·5	0
November	0·7	0·7	0·8	0·6	0·5	0·5	0·8	1·2	2·1	2·0	2·4	2·7	3·4	3·4	3·1	1·6	0·7	0·3	0·3	0·4	0·7	0·8	0·7	0
December	*0·4*	*0·9*	*0·8*	*1·0*	*1·1*	*1·3*	*1·6*	*2·2*	*2·7*	*3·0*	*3·4*	*3·7*	*4·3*	*4·3*	*3·9*	*3·0*	*1·6*	*0·9*	*0·7*	*0·6*	*0·6*	*0·7*	*0·5*	0
Year	1·4	1·4	1·3	1·3	1·2	1·2	1·7	2·5	3·1	3·7	3·9	4·2	4·5	4·5	4·5	4·0	3·3	2·6	2·1	1·9	1·9	1·7	1·6	1
										ALLAHABAD (BAMRAULI) (40 FEET).														
January	1·8	2·2	1·7	1·7	1·9	1·9	2·2	2·2	3·7	4·2	5·0	5·5	5·7	6·3	6·2	5·5	3·8	1·9	2·0	1·9	1·6	1·8	1·7	1
February	1·7	1·8	2·4	1·8	1·9	1·7	2·3	2·7	3·3	4·3	5·7	6·7	1·3	7·4	7·2	6·7	5·4	2·3	1·7	1·4	1·9	1·3	1·8	1
March	1·3	1·2	1·4	1·3	1·2	1·3	1·3	2·0	4·0	4·8	5·0	5·4	5·7	6·7	6·4	7·1	7·0	3·9	1·8	1·2	1·5	2·0	1·3	1
April	2·0	2·4	2·8	2·6	2·7	3·1	3·0	5·1	6·7	7·3	8·7	8·1	9·3	9·7	9·9	9·1	8·4	6·0	3·2	2·5	2·5	2·1	2·5	2
May	2·9	3·5	3·5	3·5	3·0	3·1	3·9	5·2	5·4	5·5	5·5	6·1	6·8	7·7	7·8	7·2	6·8	5·0	2·9	2·5	3·2	3·3	3·4	3
June	2·1	1·7	2·4	2·7	3·0	2·3	4·0	5·9	7·2	7·6	8·1	7·4	7·8	7·2	7·3	7·7	6·9	5·3	2·9	1·9	2·0	2·4	2·4	2
July	1·1	1·0	1·3	1·3	1·8	1·6	2·3	2·4	2·6	3·2	3·3	3·7	3·4	3·0	3·6	3·5	2·6	2·6	2·3	1·0	1·1	1·1	1·8	1
August	*3·5*	*3·4*	*3·1*	*3·5*	*3·4*	*3·5*	*3·9*	*3·5*	*5·6*	*6·0*	*6·0*	*5·7*	*6·1*	*5·8*	*5·7*	*5·7*	*1·3*	*3·3*	*2·4*	*2·2*	*2·6*	*3·3*	*3·3*	3
September	3·0	3·3	3·4	3·6	3·4	3·5	4·2	5·2	6·0	5·0	6·1	6·3	6·6	6·9	6·8	5·2	4·4	3·7	2·8	2·5	2·3	2·4	2·8	3
October	1·6	1·7	1·8	1·5	1·7	2·0	1·9	3·0	3·6	3·4	4·8	5·4	6·0	6·8	6·6	6·2	4·0	2·1	1·9	2·0	1·9	2·0	2·0	1
November	2·0	2·0	2·0	2·0	1·9	2·3	2·1	2·6	3·8	4·3	4·8	5·8	6·5	7·1	7·0	5·6	2·7	2·0	1·6	1·8	1·6	1·6	2·0	2
December	2·1	2·2	2·2	2·5	2·6	2·6	2·7	2·9	4·4	4·7	5·7	6·2	6·5	6·6	6·9	6·2	3·3	2·4	1·9	2·2	1·8	2·3	2·5	2
Year	2·1	2·2	2·3	2·3	2·4	2·4	2·8	3·5	4·7	5·1	5·7	6·0	6·0	6·8	6·8	6·3	4·7	3·4	2·3	1·9	2·0	2·1	2·3	2

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

Figures in italics are means of data which are not available for a complete month.

Table VIII.—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1947—*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
BARODA (115 FEET).																								
January	3·1	3·7	3·4	3·3	3·8	3·7	3·5	4·5	4·9	5·5	5·3	4·6	4·4	4·2	4·0	3.6	3·3	2·1	1·8	4·6	3·3	3·2	3·3	3·0
February	2·8	3·0	3·1	3·0	3·0	2·7	3·2	3·9	5·2	6·1	5·7	4·7	4·5	4·1	4·3	4·0	3·5	2·9	2·6	2·7	2·9	3·4	3·3	2·9
March	2·2	1·9	1·5	1·1	1·1	1·0	0·9	1·7	3·6	3·8	4·1	3·6	3·0	3·3	2·6	4·0	3·5	3·0	1·9	2·1	2·0	1·7	1.7	1·8
April	3·0	2·7	2·3	1·5	1·3	1·5	1·8	3·2	4·6	5·1	4·7	4.9	4·7	5.0	5·5	5·3	4·4	3·9	3·0	2·9	4·0	3·6	4·0	3·9
May	5·8	5·0	5·0	4·0	3·3	2·8	3·6	5·9	6·5	6·7	6·4	6·5	7·0	7·1	7·2	7·3	6·9	7·4	5·9	7·1	3·2	7·5	6·6	7·0
June	8·4	7·1	6·5	5·6	4·8	3·6	4·1	3·6	4·6	8·9	9·2	9·5	9·9	9·6	10·0	10·0	10·9	11·8	12·1	12·6	12·5	11·5	9·8	9·2
July	5·3	4·6	4·3	3·5	2·7	2·6	2·9	4·4	5·8	5·4	7·7	6·9	6·7	6·5	5·8	6·5	6·7	7·9	7·1	7·2	6·7	6·7	5·9	5·7
August	3·0	2·7	2·5	1·8	1·4	1·5	1·2	2·6	3·6	3·7	4·2	4·1	4·5	4·3	5·1	4·9	5·5	4·9	4·7	4·2	4·7	4·2	3·8	3·4
September	2·1	1·9	2·1	2·0	1·5	1·2	1·4	2·1	3·2	3·9	4·2	4·1	4·0	4·6	4·5	3·4	3·5	3·0	2·9	3·4	3·1	2·4	1·8	2·3
October	0·7	0·5	0·4	0·3	0·2	0·2	0·1	0·6	1·0	1·1	1·3	1·3	1·4	1·3	1·5	1·6	1·0	0·4	0·2	0·3	0·7	0·3	0·5	0·4
November	1·5	1·3	0·9	0·8	1·2	1·0	1·3	2·8	3·1	3·3	3·0	2·7	2·4	3·0	2·8	3·0	3·0	2·4	2·3	2·1	2·3	1·7	1·3	1·5
December	1·8	1·3	1·1	1·1	1·0	1·4	1·6	2·7	3·2	4·0	3·8	3·0	3·4	2·7	2·3	2·3	2·4	1·5	1·7	2·4	2·3	2·1	2·0	2·3
Year	3·3	3·0	2·7	2·3	2·1	1·9	2·1	3·2	4·1	4·8	5·0	4·7	4·7	4·6	4·6	4·7	4·5	4·3	3·9	4·3	4·0	4·2	3·7	3·6
***BOMBAY (85 FEET).**																								
January	4·3	4·3	4·6	4·5	4·8	5·0	5·3	5·5	5·7	5·4	5·0	4·7	6·2	7·5	8·2	8·9	9·0	8·7	8·7	8·5	7·7	6·1	4·8	4·4
February	3·1	3·0	3·1	3·3	3·2	3·4	3·9	3·8	4·3	4·6	5·6	6·0	7·1	8·1	9·6	10·0	10·1	9·6	9·2	8·1	6·7	5·0	4·0	3·6
March	6·0	5·7	5·7	5·4	5·2	4·6	4·4	4·7	5·4	5·7	7·8	9·4	10·5	11·6	12·7	13·0	12·5	11·5	10·2	9·4	7·7	5·9	5·6	5·6
April	6·3	6·1	6·1	5·7	5·3	5·1	4·9	5·1	6·0	7·0	8·5	9.4	9·9	10·8	11·4	11·6	10·9	10·1	8·8	7·5	7·8	7·3	7·4	6·7
May	4·0	4·2	3·8	3·4	3·0	2·9	2·9	3·2	3·7	4·4	5.1	6·2	7·2	8·1	8·7	8·3	7·7	6·8	6·0	5·1	4·3	4·0	3·9	4·0
June	7·2	6·9	7·3	6·6	6·6	6·1	5·7	5·9	6·2	6·8	7.6	8·1	8·3	8·9	8·9	9·0	8·8	8·1	7·3	7·7	7·3	6·9	7·0	7·2
July	*9·1*	*8·8*	*9·0*	*9·0*	*9·0*	*8·9*	*8·9*	*8·0*	*8·1*	*8·6*	*9·5*	*9·7*	*10·1*	*9·3*	*9·2*	*8·3*	*8·0*	*8·2*	*7·9*	*7·2*	*7·8*	*8·5*	*9·0*	*8·0*
August	6·7	6·7	6·8	7·0	7·3	7·5	7·7	7·8	7·9	7·4	8·0	9·0	9·7	9·5	9·8	10·3	10·1	9·7	9·3	8·6	7·7	7·5	7·0	7·3
September	7·9	7·4	7·1	7·1	6·8	6·7	6·5	6·7	7·0	7·3	8·5	9·3	10·0	10·5	10·4	10·2	9·8	9·5	9·5	8·8	8·3	8·1	7·3	7·7
October	4·4	4·1	4·0	3·8	3·8	3·8	4·3	4·5	4·7	4·3	4·5	5·1	6·2	7·4	8·0	8·4	8·4	8·3	8·6	7·2	6·3	5·4	4·5	4·4
November	2·8	3·2	3·2	3·8	4·3	4·7	4·8	5·2	4·8	4·0	3·7	3·9	4·9	6·3	7·7	8·6	8·7	8·3	7·9	6·8	5·4	4·0	3·4	3·0
December	3·4	3·8	3·8	4·4	5·2	5·2	5·5	5·5	5·7	5·7	5·1	4·5	4·9	5·8	7·6	8·7	9·6	9·7	9·2	8·6	7·0	5·4	4·7	3·6
Year	5·4	5·3	5·4	5·3	5·4	5·3	5·4	5·5	5·8	5·9	6·6	7·1	7·9	8·7	9·3	9·6	9·5	9·0	8·5	7·8	7·0	6·2	5·7	5·5
POONA (130 FEET).																								
January	3·8	3·5	3·1	2·9	1·7	3·0	2·9	2·6	1·8	2·6	3·5	4·4	5·2	5·7	6·0	6·0	6·1	6·3	5·6	4·7	3·5	3·4	2·6	3·4
February	2·6	3·1	2·6	3·4	3·3	3·1	2·3	0·9	0·6	1·4	3·1	3·4	3·1	3·9	5·7	5·9	6·0	6·4	7·7	7·8	4·7	4·0	2·1	2·8
March	3·3	3·2	3·1	3·0	2·1	2·7	3·0	2·1	1·2	2·9	5·0	5·2	6·1	6·8	6·8	8·8	9·1	11·0	9·7	7·6	6·4	4·6	4·2	3·8
April	5·0	5·2	4·7	3·9	4·0	3·6	3·0	3·2	4·0	5·1	6·4	7·1	7·3	7·7	9·8	8·9	9·0	11·0	10·4	8·6	7·0	5·3	5·0	4·5
May	6·0	6·0	5·5	4·8	5·6	4·5	5·0	5·1	4·9	6·0	8·0	8·2	9·1	10·9	11·1	12·4	12·7	13·2	12·9	9·9	9·3	8·4	7·3	6·6
June	7·8	7·6	7·4	7·0	7·1	6·3	7·1	9·2	11·7	12·8	13·1	13·2	13·7	14·1	15·1	15·3	16·2	15·1	13·9	12·1	10·8	9·0	8·3	8·1
July	7·8	7·5	8·5	8·2	8·2	7·9	8·6	8·7	10·4	13·5	13·0	13·1	15·1	15·2	15·2	13·7	14·3	12·4	11·3	9·4	8·7	8·7	7·0	8·1
August	6·5	5·9	5·1	5·3	5·0	5·4	4·8	5·9	7·1	8·0	9·3	10·3	11·0	9·8	10·4	11·6	11·2	10·3	9·9	8·3	7·9	6·8	6·4	5·9
September	6·4	6·7	6·3	6·6	5·6	5·6	5·9	6·5	8·2	9·2	9·8	9·9	10·7	11·6	12·0	11·7	12·1	10·6	9·3	8·6	7·1	6·5	6·3	6·8
October	3·7	3·6	4·3	3·5	3·9	2·8	3·0	1·8	2·3	3·8	5·7	6·4	6·5	5·6	5·9	6·0	6·3	6·1	6·7	5·5	4·3	4·2	2·6	2·9
November	2·8	2·5	3·0	2·6	2·8	2·7	1·9	0·6	1·2	3·2	4·9	7·0	6·3	6·5	5·7	6·3	5·5	5·3	4·4	2·5	2·3	2·1	2·4	3·2
December	2·3	2·4	1·8	1·9	2·1	1·4	2·2	1·2	1·5	3·6	5·5	6·1	6·1	6·0	5·1	5·1	4·3	4·4	4·1	2·4	2·8	2·1	3·3	3·0
Year	4·8	4·8	4·6	4·4	4·3	4·1	4·1	4·0	4·6	6·0	7·3	7·9	8·3	8·6	9·1	9·3	9·4	9·3	8·8	7·3	6·3	5·4	4·8	4·9
HYDERABAD (BEGUMPET) (47 FEET).																								
January	1·6	2·0	2·0	1·5	1·7	1·7	1·6	1·9	2·5	3·8	4·8	4·5	4·5	4·3	4·3	4·3	3·5	3·7	2·9	2·1	1·8	1·7	1·9	1·6
February	2·2	1·8	2·1	1·8	1·8	1·6	1·9	1·8	2·6	3·6	4·7	4·8	4·7	4·6	4·3	4·6	4·5	4·9	3·5	3·1	2·6	2·1	2·7	2·2
March	1·5	1·2	1·3	1·3	1·4	1·2	1·1	1·5	2·7	4·1	4·4	5·4	5·0	4·7	4·1	3·8	3·5	2·8	2·5	2·1	2·4	2·3	2·5	2·3
April	3·9	4·5	4·2	4·7	4·2	4·8	4·5	6·0	7·1	7·6	7·0	7·3	6·9	7·3	7·0	7·0	6·9	6·5	5·2	4·4	4·1	3·1	3·3	3·2
May	3·6	3·5	4·5	4·7	4·2	4·1	4·1	5·2	6·3	6·3	6·5	6·1	5·5	5·2	5·2	5·1	5·5	5·7	4·9	3·3	3·8	3·4	4·3	4·5
June	9·6	10·0	9·1	8·7	8·3	7·9	8·3	9·3	10·3	10·7	10·9	10·8	10·2	9·1	8·5	7·8	8·5	6·9	6·4	5·7	5·0	5·5	7·4	8·6
July	12·2	12·5	12·4	12·2	11·4	11·0	11·0	12·1	12·9	13·0	13·3	13·3	13·2	13·4	11·9	11·5	10·[illegible]	9·6	9·0	9·0	8·3	9·2	9·6	11·4
August	7·2	7·6	7·3	6·7	6·7	6·2	7·0	7·6	8·4	8·7	8·9	10·2	10·0	9·1	8·5	8·2	7·7	6·1	6·4	5·4	5·3	5·5	7·1	7·2
September	6·4	7·8	7·3	7·4	7·1	6·9	7·0	8·6	9·6	10·0	10·8	10·6	11·0	11·8	9·7	8·3	8·3	6·3	5·5	5·3	5·6	5·5	4·8	6·0
October	0·9	1·0	1·1	1·1	1·1	1·7	1·7	2·4	3·9	5·3	5·7	6·5	6·6	7·1	6·9	6·5	6·4	3·9	2·4	1·8	1·7	1·6	0·9	0·9
November	0·3	0·3	0·2	0·3	0·2	0·1	0·3	0·5	1·4	2·7	1·8	5·3	5·4	5·0	5·0	4·5	4·1	2·8	2·1	1·5	0·9	0·9	0·7	0·4
December	*0·5*	*0·5*	*0·7*	*0·7*	*0·6*	*0·5*	*0·4*	*0·5*	*1·1*	*2·2*	*3·4*	*4·2*	*4·1*	*4·4*	*4·4*	*4·2*	*3·7*	*2·5*	*1·8*	*1·5*	*1·1*	*0·7*	*0·5*	*0·7*
Year	*4·2*	*4·4*	*4·3*	*4·3*	*4·1*	*4·0*	*4·1*	*4·8*	*5·7*	*6·5*	*7·1*	*7·4*	*7·3*	*7·2*	*6·7*	*6·3*	*6·1*	*5·1*	*4·4*	*3·8*	*3·5*	*3·5*	*3·8*	*4·1*

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

Table VIII.—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1947—*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
										*BANGALORE (55 FEET).													
January	9·1	8·6	8·1	7·9	7·3	7·0	6·7	7·4	9·1	10·6	10·7	9·8	10·2	9·1	9·0	8·2	8·0	7·3	6·9	7·3	8·1	9·2	9·1
February	9·1	8·4	7·5	7·0	6·2	5·7	5·5	5·9	7·0	8·6	8·9	8·4	8·8	8·4	8·1	8·2	7·7	6·8	6·5	7·7	9·1	9·9	9·7
March	7·7	6·7	6·0	5·6	4·7	4·6	4·5	5·4	7·1	7·6	7·4	7·9	8·6	8·2	9·0	8·5	8·2	7·7	7·2	8·4	9·8	10·5	10·2
April	9·2	8·8	7·8	7·6	7·2	6·9	7·3	8·6	9·8	10·9	10·8	9·8	10·6	10·0	9·8	10·4	10·0	9·1	7·8	7·8	7·8	8·1	9·8
May	8·3	8·7	9·0	9·0	8·7	8·1	8·7	9·5	9·9	9·8	10·0	8·7	8·7	8·7	8·5	8·8	8·1	7·5	6·8	7·7	8·6	8·3	9·1
June	10·9	11·1	11·7	11·1	10·6	10·4	10·7	11·8	13·7	15·4	18·2	15·4	15·2	14·7	14·8	14·3	13·9	13·1	12·4	12·0	11·7	11·8	12·7
July	11·3	11·1	11·4	11·2	11·3	11·2	11·3	12·2	13·5	14·9	17·8	16·5	16·7	16·3	15·8	15·0	14·6	13·4	11·7	11·9	11·3	11·6	10·7
August	9·2	9·0	8·8	8·3	7·8	7·9	8·5	9·6	10·3	12·0	12·9	11·9	11·1	11·1	11·2	11·2	10·0	9·3	8·2	8·7	8·6	8·3	9·5
September	9·2	9·7	9·4	9·6	9·3	9·2	9·5	10·7	12·6	13·6	15·2	14·0	13·8	13·2	12·4	11·7	11·1	9·1	8·2	8·0	8·7	9·1	9·0
October	4·4	4·7	4·4	4·4	4·2	4·2	4·4	5·5	6·7	6·8	7·2	6·7	7·4	6·9	7·0	6·5	6·5	5·1	4·9	4·9	5·1	5·2	4·7
November	6·0	6·1	6·2	6·2	6·4	6·2	6·0	7·4	8·9	9·5	9·4	8·6	8·3	8·7	8·2	7·5	7·7	5·8	6·1	6·5	6·4	6·4	6·6
December	7·6	7·3	6·5	6·4	5·9	5·9	5·7	7·2	9·5	10·3	9·8	8·9	8·1	8·5	8·3	7·6	7·4	6·2	5·7	5·9	6·7	7·1	7·5
Year	8·5	8·3	8·1	7·9	7·5	7·3	7·4	8·4	9·8	10·8	11·5	10·5	10·6	10·3	10·2	9·8	9·4	8·4	7·7	8·1	8·5	8·8	9·1
										MADRAS (117 FEET).													
January	8·2	7·8	6·7	6·7	5·5	5·4	4·6	4·7	5·3	5·3	6·3	6·8	6·1	6·8	7·5	8·2	8·4	8·8	9·0	9·7	8·8	9·0	8·9
February	5·3	3·9	3·0	3·1	2·9	2·6	2·5	2·4	2·5	3·9	4·7	5·6	6·3	6·8	7·5	7·7	8·3	8·0	8·3	8·4	8·3	7·6	6·5
March	7·1	6·6	5·9	4·7	4·5	5·1	4·1	4·0	5·9	7·4	8·4	9·5	10·4	10·5	10·7	10·7	10·7	9·7	9·7	9·4	9·2	8·8	8·1
April	7·3	7·4	6·9	6·9	6·0	5·3	5·6	6·9	6·9	7·9	7·6	9·4	10·1	9·8	10·1	10·1	9·6	8·9	8·9	8·6	8·6	8·5	8·6
May	10·1	9·2	10·0	9·5	8·9	9·2	9·4	11·2	11·0	12·7	14·1	15·0	15·0	14·7	14·5	13·6	13·4	12·4	12·1	11·9	12·5	12·6	12·2
June	9·8	9·5	9·2	9·5	9·2	9·0	10·0	10·9	11·4	13·5	12·6	11·8	13·0	12·3	13·1	12·0	12·4	11·5	12·1	12·7	11·8	12·3	11·7
July	7·6	7·5	7·0	6·3	5·8	6·2	6·7	7·3	8·3	10·7	10·8	11·1	10·7	10·7	10·7	9·9	10·2	8·8	9·0	8·2	7·9	7·7	7·4
August	6·2	5·7	5·3	4·6	4·6	4·6	4·6	5·4	7·4	8·0	8·9	10·0	10·6	9·5	9·6	9·0	8·2	7·7	7·3	6·6	7·3	7·8	6·0
September	4·9	5·0	5·2	5·9	5·8	5·3	5·2	6·4	7·6	8·1	7·7	7·9	7·9	7·4	6·8	8·2	6·6	6·1	5·9	6·6	5·7	6·5	6·3
October	2·9	3·7	3·7	4·0	3·2	3·9	3·3	3·9	4·2	4·5	4·9	5·7	6·2	6·4	6·4	6·6	6·5	5·6	5·8	4·4	4·2	3·9	3·1
November	7·4	6·9	6·2	6·2	6·2	6·2	5·3	5·4	6·8	8·3	9·4	10·1	10·8	11·5	10·7	10·4	10·7	10·2	10·3	10·3	10·0	9·6	8·7
December	7·4	6·0	5·8	4·4	4·5	4·5	4·7	5·1	6·7	7·2	9·0	10·0	10·5	10·8	10·8	10·5	10·2	9·9	9·5	9·6	9·9	9·6	8·7
Year	7·0	6·6	6·2	6·0	5·6	5·6	5·5	6·1	7·0	8·1	8·7	9·4	9·8	9·8	9·9	9·7	9·6	9·6	9·0	8·9	8·7	8·7	8·0
										VIZAGAPATAM (57 FEET).													
January	1·3	1·1	1·4	1·3	1·4	1·3	1·4	2·0	3·9	5·2	6·5	7·1	7·1	6·9	6·5	6·1	5·3	4·5	3·7	2·9	2·2	1·9	1.9
February	1·2	1·3	1·2	1·4	1·5	1·4	1·4	1·2	2·0	3·4	6·0	6·8	7·5	7·6	6·6	6·1	5·0	4·0	2·6	1·9	1·6	1·5	1·5
March	2·1	1·9	1·6	1·2	0·9	0·9	1·0	1·9	2·1	3·6	7·2	8·1	8·3	8·4	8·1	7·3	6·4	4·7	3·9	3·6	2·3	2·8	2·4
April	2·8	2·7	2·7	2·4	2·2	1.9	2·9	3·6	3·5	5·4	7·6	8·3	8·1	7·7	7·4	6·9	5·1	4·1	3·4	3·0	3·0	3·2	2·9
May	4·3	4·9	5·1	4·8	4·3	4·8	5·7	6·6	7·0	7·6	10·1	10·6	10·5	10·6	9·5	7·8	6·2	6·1	5·4	5·4	5·0	5·2	5·2
June	*3·8*	*4·4*	*4·7*	*4·1*	*4·5*	*4·1*	4·8	6·0	5·8	5·9	8·1	8·1	8·1	8·4	7·6	7·3	6·9	4·3	3·9	3·0	2·3	3·3	3·8
July	5·2	5·5	5·3	5·9	5·3	5·6	*5·4*	*6·0*	*6·4*	*6·4*	*6·3*	8·0	*8·1*	*8·4*	7·5	*7·2*	*5·9*	*5·8*	5·0	*5·1*	4·8	*4·7*	4·9
August	2·7	2·3	2·5	2·3	2·2	*2·2*	2·7	3·4	4·0	4·3	5·1	*6·0*	*6·6*	*6·4*	*6·1*	5·8	4·9	3·9	2·9	2·7	2·7	2·3	2·7
September	2·1	2·1	2·3	2·6	2·7	2·7	2·3	2·9	4·0	5·0	5·3	5·9	6·5	6·1	6·2	5·9	4·6	3·9	3·4	3·5	2·6	1·7	2·1
October	*1·9*	*1·8*	*1·8*	*1·9*	*1·6*	*1·8*	*1·8*	*2·1*	*2·6*	*3·7*	4·1	5·1	5·4	*5·4*	*5·3*	*5·2*	4·0	3·0	2·9	2·7	2·4	*2·4*	*2·0*
November	1·2	1·3	1·3	1·3	1·5	1·8	1·7	2·1	3·0	3·7	4·6	5·8	5·8	5·9	6·0	4·8	3·9	3·4	2·7	2·4	2·1	1·9	2·0
December	2·9	3·1	3·3	3·4	3·3	3·3	3·1	3·5	3·7	4·6	6·0	6·4	6·5	6·2	6·5	5·8	5·2	4·8	4·2	4·1	3·8	3·3	3·2
Year	2·6	2·7	2·8	2·7	2·6	2·7	2·9	3·4	4·0	4·9	6·4	7·2	7·4	7·3	6·9	6·0	5·3	4·4	3·7	3·4	3·0	2·9	2·9
										KODAIKANAL (49 FEET).													
January	6·3	6·6	5·9	6·5	7·5	7·4	8·4	8·3	8·3	8·7	8·6	7·8	7·5	6·4	5·7	5·0	4·4	3·9	4·9	5·4	5·7	6·3	6·5
February	7·2	6·7	7·2	6·1	6·6	6·8	7·2	7·1	7·0	6·1	7·2	7·0	6·9	6·1	4·9	4·0	3·5	2·8	3·3	4·4	4·5	5·1	5·4
March	9·3	9·0	9·0	8·5	8·9	8·9	8·9	9·5	9·6	10·1	9·6	10·5	9·2	8·5	8·2	6·7	6·0	4·8	4·6	5·8	6·5	8·1	9·0
April	7·8	8·1	8·3	8·5	7·8	7·6	7·3	8·3	8·9	9·7	10·3	9·6	9·7	8·7	8·5	7·7	7·6	7·4	7·4	7·3	8·1	7·9	8·2
May	5·8	5·5	6·0	5·9	6·0	6·0	6·1	7·0	7·4	7·8	5·5	5·5	6·3	6·3	5·5	5·1	3·7	4·1	3·9	4·5	4·7	5·0	5·2
June	9·6	9·7	10·1	9·8	9·6	9·0	9·0	8·7	8·7	9·5	9·3	9·4	8·7	8·9	9·0	9·5	9·5	9·0	9·0	10·0	10·0	10·7	11·2
July	11·7	11·6	10·8	10·5	10·5	9·7	9·3	9·4	9·7	9·0	9·1	9·2	8·0	9·0	8·0	7·7	9·2	9·7	10·1	9·4	9·2	9·5	10·5
August	8·2	7·9	8·4	7·1	8·1	7·6	7·7	8·1	8·3	8·4	7·6	8·5	8·5	7·9	8·2	8·1	8·7	7·6	8·2	8·0	7·6	7·9	8·6
September	10·0	9·9	8·9	9·4	9·5	9·6	9·1	8·4	8·5	7·8	7·6	7·4	6·3	6·4	6·3	6·7	6·1	7·0	7·7	7·3	7·4	7·4	7·6
October	3·7	3·6	3·6	3·7	3·3	3·2	3·1	3·5	3·6	4·4	5·0	5·4	5·0	4·8	4·2	4·6	3·9	3·7	4·8	4·4	3·5	3·4	3·6
November	6·1	6·3	6·6	7·4	6·8	6·7	6·6	6·5	5·5	6·7	7·5	7·5	7·1	6·0	5·1	4·8	4·7	4·4	5·0	5·5	5·1	5·1	6·0
December	4·7	4·5	4·5	3·9	3·9	4·5	4·5	5·6	4·5	4·3	4·4	3·7	4·4	3·6	3·4	3·3	2·9	3·2	3·4	4·1	3·4	4·2	4·3
Year	7·5	7·5	7·4	7·3	7·4	7·3	7·3	7·5	7·5	7·7	7·6	7·6	7·3	6·9	6·4	6·1	5·9	5·6	6·0	6·3	6·3	6·7	7·2

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

Figures in italics are means of data which are not available for a complete month.

Table IX.—Number of days in each month and the year on which the Nilgiris were visible from Kodaikanal in 1947.

[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	2	—	5	2	9
February	—	2	3	—	5
March	7	3	12	2	24
April	4	6	6	2	18
May	14	4	3	4	25
June	12	2	2	4	20
July	2	2	4	2	10
August	2	1	4	6	13
September	6	2	2	1	11
October	5	2	6	3	16
November	4	1	2	1	8
December	2	—	1	1	4
Year	60	25	50	28	163

Table X.—Average over the 13 chief political divisions of the montl

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 depar-
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
	"	"		"	"		"	"		"	"		"	"		"	"	
Assam . . .	0·16	—0·50	—76	0·37	—1·24	—77	3·15	—0·39	—11	9·84	+0·90	+10	13·80	+0·90	+7	20·65	+1·46	+
West Bengal* .	0·08	—0·32	—80	0·39	—0·69	—64	1·83	+0·56	+44	1·70	—0·68	—29	5·70	—1·05	—16	8·77	—4·29	—
Orissa . . .	0·96	+0·55	+134	0·87	—0·16	—16	0·59	—0·30	—34	0·63	—0·59	—48	1·50	—1·50	—50	8·60	—0·21	—
Bihar . . .	0·33	—0·29	—47	0·50	—0·50	—50	0·95	+0·36	+61	0·21	—0·34	—62	1·79	—0·22	—11	4·36	—3·05	—
United Provinces .	0·73	—0·04	—5	0·52	—0·28	—35	0·47	+0·04	+9	0·02	—0·22	—92	0·33	—0·29	—47	2·71	—1·68	—
East Punjab .	0·82	—0·25	—23	0·57	—0·43	—43	0·41	—0·32	—44	0·01	—0·42	—98	0·17	—0·36	—68	0·39	—1·77	—
Rajputana . .	0·26	+0·03	+13	0·10	—0·14	—58	0·03	—0·15	—83	0·02	—0·10	—83	0·03	—0·32	—91	0·47	—1·91	—
Bombay .	0·33	+0·23	+230	0·04	—0·03	—43	0·19	+0·07	+58	1·98	+1·57	+383	0·58	—0·31	—35	3·64	—5·20	—
Central India .	0·78	+0·38	+95	0.27	—0·03	—10	0·12	—0·09	—43	0·13	—0·02	—13	0·05	—0·33	—87	2·20	—2·66	—
Central Provinces and Berar.	1·49	+1·05	+239	1·16	+0·41	+55	0·73	+0·21	+40	0·23	—0·32	—58	0·22	—0·41	—65	4·41	—3·14	—
Hyderabad . .	0·39	+0·22	+129	0·58	—0·08	—12	0·11	—0·30	—73	0·18	—0·80	—82	0·35	—0·65	—65	2·93	—2·63	—
Mysore . . .	0·27	+0·13	+93	0·22	+0·06	+37	0·34	+0·01	+3	0·84	—0·80	—49	2·04	—1·62	—44	2·92	—1·62	—
Madras . . .	1·56	+0·78	+100	0·58	+0·06	+12	1·71	+0·92	+116	2·87	+0·84	+41	1·61	—1·95	—55	6·04	—1·96	—
Mean of India .	0·73	+0·27	+59	0·48	—0·12	—20	0·69	+0·10	+17	1·19	+0·10	+9	1·35	—0·62	—31	4·37	—2·50	—

*Rainfall data of West Bengal for July 1947 have not been receiv

and annual rainfall with its departure from normal in 1947.

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
"	"		"	"		"	"		"	"		"	"		"	"		"	"	
22·40	+4·19	+23	12·62	−3·52	−22	16·02	+3·17	+25	8·97	+3·29	+58	0·13	−1·06	−89	0·64	+0·25	+64	108·75	+7·45	+7
..	..	..	12·40	−1·62	−12	12·30	+2·13	+21	5·03	+0·56	+13	0·02	−0·82	−98	0·83	+0·68	+453	..	..	..
11·35	−2·17	−16	13·71	+0·77	+6	7·04	−2·19	−24	5·44	+0·37	+7	0·34	−1·23	−78	2·96	+2·75	+1,310	53·99	−3·91	−7
13·86	+0·53	+4	10·39	−2·55	−20	8·88	+0·23	+3	3·08	+0·42	+16	0·03	−0·41	−93	0·23	+0·04	+21	44·61	−5·78	−11
12·86	+1·05	+9	8·95	−2·32	−21	10·05	+3·42	+52	0·66	−0·67	−50	0	−0·18	−100	0·17	−0·19	−53	37·47	−1·36	−4
3·47	−3·37	−49	5·79	−1·10	−16	11·58	+7·98	+222	0·19	−0·20	−51	0	−0·12	−100	1·02	+0·51	+100	24·42	+0·15	+1
3·81	−3·20	−46	8·82	+1·94	+28	8·12	+4·95	+156	0·45	+0·03	+7	0	−0·15	−100	0·19	+0·02	+12	22·30	+1·00	+5
14·28	−1·14	−7	13·92	+4·24	+44	10·32	+3·60	+54	1·14	−1·50	−57	0·26	−0·58	−69	0·30	+0·13	+76	46·98	+1·08	+2
12·72	−0·04	0	14·44	+3·12	+28	11·46	+4·84	+73	0·67	−0·45	−40	0·10	−0·45	−82	0·49	+0·23	+88	43·43	+4·50	+12
18·21	+2·97	+19	17·52	+4·56	+35	8·53	+0·72	+9	1·34	−0·86	−39	0·04	−0·62	−94	0·42	+0·12	+40	54·30	+4·69	+9
8·98	+0·04	0	11·37	+4·34	+62	10·24	+3·39	+49	1·41	−1·30	−48	0·31	−0·66	−68	0·50	+0·23	+85	37·35	+1·80	+5
8·15	+0·96	+13	8·24	+2·86	+53	5·07	+0·07	+1	5·24	−0·11	−2	0·59	−1·83	−76	0·67	+0·23	+52	34·59	−2·10	−6
9·98	+1·09	+12	10·44	+3·39	+48	7·66	+1·89	+33	6·63	−1·13	−15	1·35	−4·62	−77	1·67	−0·43	−20	52·10	−1·12	−2
11·33	−0·01	0	11·80	+1·82	+18	9·50	+2·80	+42	2·55	−0·45	−15	0·28	−1·05	−79	0·70	+0·21	+43	44·97	+0·55	+1

and therefore are not included in the "Mean of India."

Table XI.—Average over the 27 Sub-divisions of the monthly and annual rainfall

Sub-Division.	January.					February.					March.				
	Rainy Days.		Rainfall.			Rainy days.		Rainfall.			Rainy Days.		Rainfall.		
	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			"	"				"	"				"	"	
1. Bay Islands*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Assam	0·5	—1·2	0·16	—0·50	—76	0·9	—2·7	0·37	—1·24	—77	7·1	+1·2	3·15	—0·39	—11
3. West Bengal†	0·3	—0·6	0·08	+0·32	—80	0·9	—1·0	0·39	—0·69	—64	3·2	+1·2	1·83	+0·56	+44
4. Orissa	1·9	+1·2	0·96	+0·55	+134	1·2	—0·5	0·87	—0·16	—16	1·1	—0·5	0·59	—0·30	—34
5. Chota Nagpur	1·5	—0·1	0·55	—0·26	—32	2·1	—0·6	1·02	—0·42	—29	3·1	+1·3	1·94	+1·10	+131
6. Bihar	0·5	—0·6	0·21	—0·31	—60	0·8	—0·8	0·22	—0·54	—71	1·2	+0·2	0·44	—0·02	—4
7. United Provinces, East	1·5	+0·2	0·66	+0·04	+6	1.0	—0·4	0·31	—0·30	—49	1·1	+0·4	0·38	+0·07	+23
8. Do. do., West	2·0	+0.2	0·79	—0·11	—12	1·4	—0·4	0·69	—0·26	—27	1·5	+0·4	0·55	+0·01	+2
9. East Punjab	1·8	—0·2	0·82	—0·25	—23	1·8	—0·2	0·57	—0·43	—43	1·1	—0·4	0·41	—0·32	—44
10. Kashmir.	3·5	—1·9	2·25	—1·40	—38	3·3	—2·2	2·54	—1·40	—36	4·1	—1·8	2·32	—1·92	—45
11. Rajputana, West	0·2	—0·2	0·12	—0·01	—8	0·2	—0·3	0·07	—0·14	—67	0	—0·3	0·01	—0·13	—93
12. Do. East	0·8	+0·1	0·33	+0·04	+14	0·5	—0·2	0·11	—0·14	—56	0·2	—0·3	0·04	—0·17	—81
13. Gujarat	0	—0·2	0·01	—0·06	—86	0	—0·2	0	—0·08	—100	0	—0·1	0	—0·06	—100
14. Central India, West	1·4	+0·7	0·61	+0·31	+103	0.4	—0·1	0.11	—0·08	—42	0·2	—0·2	0·05	—0·11	—69
15. Do. do., East	2·7	+1·1	1·39	+0·63	+83	2·1	+0·5	0·86	+0·15	+21	1·3	+0·4	0·40	+0·03	+8
16. Berar	2·5	+1·8	1·10	+0·74	+206	1·6	+0·9	0·65	+0·25	+63	1·9	+1·2	0·97	+0·65	+203
17. Central Provinces, West	3·9	+2·8	2·10	+1·52	+262	2·3	+0·9	1·06	+0·38	+56	1·9	+0·8	0·87	+0·35	+67
18 Do. do., East	3·1	+2·4	1·21	+0·83	+218	2·4	+0·6	1·42	+0·49	+53	1.5	+0·2	0·54	—0·05	—8
19. Konkan	0·3	+0·2	0·19	+0·10	+111	0	—0·1	0	—0·05	—100	0.4	+0·2	0.23	+0·15	+187
20. Bombay Deccan	1·1	+0·8	0·61	+0·48	+369	0·3	+0·1	0.09	+0·01	+13	0·8	+0·4	0·33	+0·15	+83
21. Hyderabad. North	1·2	+0·9	0·62	+0·45	+265	1.4	0	0·77	+0·01	+1	0·4	—0·5	0·18	—0·25	—58
22. Do. South	0·2	—0·1	0·09	—0·07	—44	1·0	+0·1	0·33	—0·19	—37	0·1	—0·6	0·03	—0·35	—92
23 Mysore	0·7	+0·4	0·27	+0·13	+93	0·4	+0·1	0·22	+0·06	+37	0·8	+0·2	0·34	+0·01	+3
24. Malabar	1·5	+0·5	0·83	+0·19	+30	1·8	+0·8	0·96	+0·31	+48	4·5	+2·0	3·37	+1·81	+116
25 Madras, Southeast	4·3	+2·7	2·61	+1·41	+117	0·7	—0·1	0·65	+0·09	+16	2·8	+1·8	1·98	+1·32	+200
26. Do. Deccan	0·8	+0·5	0.35	+0·20	+133	0·2	—0·1	0·04	—0·13	—76	0	—0·3	0	—0·19	—100
27. Do. Coast, North.	0·9	+0·4	0·80	+0·44	+122	0.4	—0·4	0.21	—0·29	—58	0·1	—0·6	0.02	—0·42	—95

*Data not available. †Rainfall data for West Bengal for July 1947 have not been received.

and number of rainy days with their departures from normal in 1947.

April.					May.					June.					July.				
Rainy Days.		Rainfall.			Rainy Days.		Rainfall.			Rainy Days.		Rainfall.			Rainy Days.		Rainfall.		
Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
		"	"				"	"				"	"				"	"	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12·9	+1·4	9·84	+0·90	+10	13·8	—1·0	13·80	+0·90	+7	16·9	—1·1	20·65	+1·46	+8	20·5	+1·5	22·40	+4·19	+23
2·5	—1·0	1·70	—0·68	—29	6·7	—1·3	5·70	—1·05	—16	10·6	—2·4	8·77	—4·29	—33	..	..	..	..	..
0·9	—1·3	0·63	—0·59	—48	2·7	—1·9	1·50	—1·50	—50	9·7	—0·7	8·60	—0·21	—2	15·7	0	11·35	—2·17	—16
0·1	—1·4	0·04	—0·59	—94	2·2	—1·0	1·30	—0·47	—27	7·3	—2·6	5·29	—2·27	—30	14·9	—2·1	10·95	—3·48	—24
0·6	—0·5	0·29	—0·22	—43	3·1	+0·1	2·05	—0·08	—4	4·9	—3·4	3·84	—3·49	—48	14·3	+0·6	15·31	+2·54	+20
0·1	—0·4	0·02	—0·18	—90	1·1	—0·1	0·51	—0·10	—16	3·4	—2·1	3·26	—1·31	—29	14·8	+1·9	15·75	+3·86	+32
0·1	—0·6	0·02	—0·26	—93	0·6	—0·8	0·18	—0·45	—71	2·8	—2·1	2·25	—1·99	—47	10·6	—1·2	10·48	—1·27	—11
0	—1·0	0·01	—0·42	—98	0·6	—0·6	0·17	—0·36	—68	0·7	—2·4	0·39	—1·77	—82	3·9	—3·5	3·47	—3·37	—49
1·2	—3·6	0·40	—2·92	—88	3·4	—0·7	2·14	+0·02	+1	3·7	—0·2	1·55	—0·71	—31	6·2	—1·5	5·28	—1·60	—23
0	—0·3	0	—0·11	—100	0·1	—0·6	0·02	—0·27	—93	0·1	—1·6	0·02	—1·09	—98	1·1	—3·2	0·85	—2·62	—76
0·1	—0·3	0·02	—0·11	—85	0·2	—0·7	0·04	—0·35	—90	1·5	—2·6	0·72	—2·36	—77	7·0	3·5	5·44	—3·52	—39
2·0	+1·9	2·88	+2·84	+7100	0	—0·5	0	—0·27	—100	0·3	—5·4	0·20	—5·07	—96	9·1	—4·1	9·29	3·67	—28
0·5	+0·2	0·16	+0·05	+45	0·2	—0·6	0·05	—0·32	—86	3·2	—3·0	1·79	—3·09	—63	12·3	—0·9	12·24	0·48	—1
0	—0·6	0	—0·27	—100	0·1	—0·9	0·02	—0·38	—95	4·1	—1·9	3·72	—1·04	—22	15·0	—0·4	14·74	+0·57	+4
0·8	+0·1	0·33	+0·01	+3	0·4	—0·7	0·12	—0·37	—76	4·5	—3·7	2·84	—3·32	—54	11·8	—1·1	7·56	—2·03	—21
0·5	—0·3	0·15	—0·22	—59	0·4	—0·7	0·16	—0·30	—65	5·4	—2·9	3·86	—2·68	—41	17·6	+1·3	19·98	+4·29	+27
0·5	—1·1	0·25	—0·50	—67	0·7	—1·0	0·29	—0·50	—63	7·2	—2·6	5·41	—3·37	—38	19·9	+2·2	26·99	+3·93	+23
4·4	+3·7	2·56	+2·16	+540	0·8	—1·0	0·36	—1·06	—75	14·0	—4·5	14·20	—12·37	—47	28·4	+1·8	12·19	—1·29	+3
2·3	+0·9	1·10	+0·42	+62	2·1	0	1·09	—0·10	—8	4·0	—3·8	2·60	—2·87	—52	11·0	—0·7	8·56	—0·07	—1
0·5	—1·3	0·20	—0·80	—80	0·4	—1·1	0·19	—0·57	—75	4·9	—4·1	2·55	—3·84	—60	15·1	+1·0	9·20	—1·29	—12
0·5	—1·3	0·17	—0·80	—82	1·3	—0·8	0·56	—0·75	—57	5·5	—1·5	3·41	—1·08	—24	13·1	+1·4	8·69	+1·76	+25
1·9	—1·0	0·84	—0·80	—49	4·4	—1·3	2·04	—1·62	—44	5·9	—1·0	2·92	—1·62	—36	10·8	+1·2	8·15	+0·96	+13
7·0	+0·7	4·95	+0·72	+17	5·3	—3·6	3·22	—4·48	—58	20·8	0	19·33	—5·14	—21	21·6	0·9	25·19	—1·81	—7
3·7	+1·3	3·38	+1·79	+113	2·3	—1·4	1·39	—1·11	—44	2·4	—0·6	1·33	—0·43	—24	1·4	—0·6	4·16	—1·91	+85
0·8	—0·6	0·38	—0·36	—49	1·4	—1·6	0·71	—1·02	—59	4·5	+0·2	3·08	—0·71	—30	8·9	+2·8	4·69	+1·69	+56
0·6	—0·7	0·36	—0·45	—56	1·1	—1·6	0·64	—1·30	—67	4·6	—1·3	2·71	—1·31	—33	12·0	+2·7	8·12	+2·34	+40

Table XI.—Average over the 27 Sub-divisions of the monthly and annual rainfal

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	13·1	−4·3	12·62	−3·52	−22	15·5	+1·4	16·62	+3·17	+25	11·1	+4·1	8·97	+3·29	+58
3. West Bengal	17·4	+1·2	12·40	−1·62	−12	13·1	+1·4	12·30	+2·13	+21	6·1	+0·9	5·03	+0·56	+13
4. Orissa	15·3	−0·3	13·71	+0·77	+6	10·1	−2·0	7·04	−2·19	−24	7·7	+1·7	5·44	+0·37	+7
5. Chota Nagpur	16·7	−0·3	11·86	−2·29	−16	11·3	+0·8	9·98	+1·85	+23	5·7	+1·6	4·01	+1·03	+35
6. Bihar	12·3	−1·4	9·62	−2·71	−22	9·5	+0·2	8·29	−0·64	−7	3·0	+0·3	2·57	+0·08	+3
7. United Provinces, East	12·0	−0·9	9·11	−2·26	−20	9·6	+2·0	7·38	+0·35	+5	1·4	−0·4	0·92	−0·90	−49
8. Do. do., West	10·6	−1·0	8·82	−2·38	−21	12·3	+6·1	12·24	+5·95	+95	0·7	−0·2	0·45	−0·47	−51
9. East Punjab	6·6	−0·7	5·79	−1·10	−16	7·9	+4·4	11·58	+7·98	+222	9·4	−0·2	0·19	−0·20	−51
10. Kashmir	7.7	−0·6	7·53	0·27	+4	5·2	+1·4	5·26	+2·62	+99	1·4	−0·5	0·56	−0·50	−47
11. Rajputana, West	5·8	+1·3	5·43	+1.40	+35	3·7	+1·9	3·39	+1·96	+137	0·4	+0·1	0·16	−0·01	−6
12. Do., East	12·6	+2·7	10·67	+2·23	+26	11·9	+6·9	10·73	+6·60	+160	1·0	+0·2	0·61	+0·05	+9
13. Gujarat	12·3	+1·7	10·24	+2·44	+31	10·6	+4·4	10·31	+5·10	+98	0·8	−0·5	0·37	−0·62	−63
14. Central India, West	15·3	+3·3	14·72	+3·91	+36	11·7	+4·5	11·54	+5·00	+76	0·7	−0·8	0·52	−0·50	−49
15. Do. do., East	15·3	+0·4	13·19	−0·41	−3	11·0	2·6	11·10	+4·09	+58	1·5	−0·4	1·24	−0·24	−16
16. Berar	13·1	+2·8	9·32	+2·50	+37	10·6	+2·6	7·02	+0·81	+13	0·9	−1·6	0·58	−1·23	−68
17. Central Provinces, West	17·8	+3·2	17·53	+4·50	+35	11·2	+1·7	8·44	+0·68	+9	1·1	−1·4	0·67	−1·19	−64
18. Do. do., East	18·4	+2·1	20·43	5·35	+35	12·9	+2·1	9·16	+0·72	+9	2·4	−1·1	2·08	−0·49	−19
19. Konkan	20·8	−3·7	33·71	+8·78	+35	19·0	+3·6	19·05	6·32	+50	3·0	−2·9	2·10	−2·61	−55
20. Bombay Deccan	13·8	+4·3	9·97	+4·06	+69	9·9	+1·7	7·34	+1·57	+27	2·3	−2·4	1·37	−1·79	−57
21. Hyderabad, North	14·2	+2·7	12·25	+4·30	+54	11·0	+1·7	10·77	+3·63	+51	1·0	−2·4	0·57	−1·98	−78
22. Do., South	13·3	+3·7	10·21	+4·40	+76	10·4	+1·1	9·54	+3·09	+48	3·0	−1·5	2·52	−0·40	−14
23. Mysore	13·7	+4·8	8·24	+2·86	+53	8·5	+0·7	5·07	+0·07	+1	6·4	−1·4	5·24	−0·11	−2
24. Malabar	21·9	+4·0	26·89	+11·06	+70	18·7	+6·7	13·92	+5·57	+67	8·6	−4·8	7·18	−4·07	−36
25. Madras, South East	5·9	+0·6	3·64	−0·03	−1	6·5	+0·7	4·75	+0·45	+10	9·3	+0·2	7·85	+0·55	+8
26. Do., Deccan	10·9	+4·6	6·13	+2·41	+65	8·2	+0·9	6·53	+1·27	+24	4·5	−1·3	3·13	−1·01	−24
27. Do. Coast, North	10·0	+1·1	7·94	+2·16	+37	9·1	+0·4	7·53	+1·15	+18	7·4	−0·1	5·58	−1·70	−23

*Data not available.

and number of rainy days with their departures from normal in 1947—*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
		"	"				"	"				"	"	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
0·3	—1·6	0·13	—1·06	—89	1·1	+0·2	0·64	+0·25	+64	113·7	—2·1	108·75	6·92	+7
0·1	—1·0	0·02	—0·82	—98	1·8	+1·5	0·83	+0·68	+453	..	..	..	..	..
0·5	—1·1	0·34	—1·23	—78	4·2	+3·8	2·96	+2·75	+310	71·0	—1·6	53·99	—3·91	—7
0·1	—0·8	0·10	—0·49	—83	1·2	+0·8	0·59	0·36	+157	66·2	—4·4	47·63	—5·93	—11
0	—0·5	0	—0·37	—100	0·1	—0·3	0·04	—0·12	—75	50·3	—6·1	42·88	—5·88	—12
0	—0·4	0	—0·21	—100	0·3	—0·3	0·08	—0·18	—69	46·3	—0·5	38·38	—1·12	—3
0	—0·3	0	—0·15	—100	0·7	—0·2	0·25	—0·19	—43	43·3	—0·1	36·72	—1·57	—4
0	—0·3	0	—0·12	—100	1·6	+0·6	1·02	+0·51	+100	26·4	—4·5	24·42	+0·15	+1
1·0	—1·0	0·03	—0·48	—94	5·6	+2·1	4·23	+2·08	+97	45·4	—10·5	34·09	—5·94	—15
0	—0·1	0	—0·05	—100	0·1	—0·1	0·04	—0·06	—60	11·7	—3.4	10·11	—1·13	—10
0	—0·4	0	—0·29	—100	0·7	0·2	0·27	0.06	+29	36·5	+2·1	28·98	+2·13	+8
0·1	—0·4	0·08	—0·22	—73	0	—0·1	0	—0·06	—100	35·2	—3·5	33·38	+0·27	+1
0·3	—0·5	0·13	—0·46	—78	1·2	+0·7	0·58	+0·34	+142	47·4	+3·3	42·50	+4·87	+13
0	—0·6	0	—0·41	—100	0·4	—0·3	0·16	—0·17	—52	53·5	—0·1	46·82	+2·55	+6
0·1	—1·1	0·02	—0·83	—98	1·4	+0·8	1·05	+0·70	+200	49·6	+2·0	31·56	—2·12	—6
0·1	—0·8	0·02	—0·59	—97	0·3	—0·4	0·17	—0·20	—54	62·5	+4·2	55·01	+6·54	+13
0·1	—0·9	0·07	—0·54	—90	0·8	+0·4	0·35	+0·13	+59	69·9	+3·3	62·20	+6·00	+11
0·1	—1·6	0·46	—0·73	—61	0·2	—0·1	0·19	+0·04	+27	91·4	—4·4	115·24	+2·02	+2
0·2	—1·4	0·11	—0·94	—90	1·0	+0·5	0·57	+0·31	+119	48·8	+0·4	33·74	+1·23	+4
0·2	—1·0	0·06	—0·80	—93	0·6	+0·1	0·36	+0·08	+29	50·9	—4·0	37·72	+1·06	—3
0·8	—1·1	0·64	—0·47	—42	1·5	+1·1	0·69	+0·44	+176	50·7	+0·5	36·88	+5·58	+18
0·9	—2·9	0·59	—1·83	—76	0·9	+0·1	0·67	+0·23	+52	55·3	—0·1	34·59	+1·66	—5
2·2	—6·2	1·36	—5·17	—79	2·4	+0·1	1·74	+0·19	+12	116·3	—0·7	108·94	—0·82	—1
2·5	—5·8	1·33	—6·09	—82	1·4	—2·8	0·74	—2·66	—78	46·2	—2·8	33·79	—2·80	—8
0·5	—2·8	0·28	—1·89	—87	1·0	+0·3	0·43	+0·02	+5	41·7	+2·6	25·75	+1·70	+7
2·3	—1·8	2·13	—2·30	—52	3·9	—3·0	4·52	+3·70	451	52·4	+1·1	40·56	+2·02	+5

Table XII.—Average over the 13 chief political divisions of the actual rainfall with its departure fro normal for the four seasons of the year and for the whole year 1947.

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	0·53	—1·74	—77	26·79	+1·41	+6	71·69	+5·30	+8	9·74	+2·48	+34	108·75	+7·45	+
West Bengal*	0·47	—1·01	—68	9·23	—1·17	—11	..	..	..	5·88	+0·42	+8	..	..	..
Orissa	1·83	+0·39	+27	2·72	—2·39	—47	40·70	—3·80	—9	8·74	+1·89	+28	53·99	—3·91	—
Bihar	0·83	—0·79	—49	2·95	—0·20	—6	37·49	—4·84	—11	3·34	+0·05	+2	44·61	—5·78	—
United Provinces	1·25	—0·32	—20	0·82	—0·47	—36	34·57	+0·47	+1	0·83	—1·04	—56	37·47	—1·36	—
East Punjab	1·39	—0·68	—33	0·59	—1·10	—65	21·23	+1·74	+9	1·21	+0·19	+19	24·42	+0·15	+
Rajputana	0·36	—0·11	—23	0·08	—0·57	—88	21·22	+1·78	+9	0·64	—0·10	—14	22·30	+1·00	+
Bombay	0·37	+0·20	+118	2·75	+1·33	+94	42·16	+1·50	+4	1·70	—1·95	—53	46·98	+1·08	+
Central India	1·05	0·35	+50	0·30	—0·44	—59	40·82	+5·26	+15	1·26	—0·67	—35	43·43	+4·50	+
Central Provinces and Berar.	2·65	+1·46	+123	1·18	—0·52	—31	48·67	+5·11	+12	1·80	—1·36	—43	54·30	+4·69	+
Hyderabad	0·97	+0·14	+17	0·64	—1·75	—73	33·52	+5·14	+18	2·22	—1·73	—44	37·35	+1·80	+
Mysore	0·49	+0·19	+63	3·22	—2·41	—43	24·38	+2·27	+10	6·50	—1·71	—21	34·59	—2·10	—
Madras	2·14	+0·84	+65	6·19	—0·19	—3	34·12	+4·41	+15	9·65	—6·18	—39	52·10	—1·12	—
Mean of India	1·21	+0·15	+14	3·23	—0·42	—12	37·00	+2·11	+6	3·53	—1·29	—27	44·97	+0·55	+

*Rainfall data of West Bengal (for July 1947) have not been received and, therefore, are not included in the "Mean of India."

Table XIII.—Average over the 27 Sub-divisions of the actual rainfall with its departure from normal for the four seasons of the year and for the whole year 1947.

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	0·53	—1·74	—77	26·79	+1·41	+6	71·69	+4·77	+7	9·74	+2·48	+34	108·75	+6·92	+7
3. West Bengal†	0·47	—1·01	—68	9·23	—1.17	—11	..	..	..	5·88	+0·42	+8	..	..	..
4. Orissa	1·83	+0·39	+27	2·72	—2·39	—47	40·70	—3·80	—9	8·74	+1·89	+28	53·99	+3·91	—7
5. Chota Nagpur	1·57	—0·68	—30	3·28	+0·04	+1	38·08	—6·19	—14	4·70	+0·90	+24	47·63	—5·93	—11
6. Bihar	0·43	—0·85	—66	2·78	—0·32	—10	37·06	—4·30	—10	2·61	—0·41	—14	42·88	—5·88	—12
7. United Provinces, East	0·97	—0·26	—21	0·91	—0·21	—19	35·50	+0·64	+2	1·00	—1·29	—56	38·38	—1·12	—3
8. Do. do., West	1·48	—0·37	—20	0·75	—0·70	—48	33·79	+0·31	+1	0·70	—0·81	—54	36·72	—1·57	—4
9. East Punjab	1·39	—0·68	—33	0·59	—1·10	—65	21·23	+1·74	+9	1·21	+0·19	+19	24·42	+0·15	+1
10. Kashmir	4·79	—2·80	—37	4·86	—4·82	—50	19·62	+0·58	+3	4·82	+1·10	+30	34·09	—5·94	—15
11. Rajputana, West	0·19	—0·15	—44	0·03	—0·51	—94	9·69	—0·35	—3	0·20	—0·12	—37	10·11	—1·13	—10
12. Do. East	0·44	—0·10	—19	0·10	—0·63	—86	27·56	+2·95	+12	0·88	—0·09	—9	28·98	+2·13	+8
13. Gujarat	0·01	—0·14	—93	2,88	+2·51	..	30·04	—1·20	—4	0·45	—0·90	—67	33·38	+0·27	+1
14. Central India, West	0·72	+0·23	+47	0·26	—0·38	—59	45·29	+5·64	+16	1·23	—0·62	—34	42·50	+4·87	+13
15. Do. do. East	2·25	+0·78	+53	0·42	—0·62	—60	42·75	+3·21	+8	1·40	—0.82	—37	46·82	+2·55	+6
16. Berar	1·75	+0·99	+130	1·42	+0·29	+26	26·74	—2·04	—7	1·65	—1·36	—45	31·56	—2·12	—6
17. Central Provinces, West	3·16	+1·90	+151	1·18	—0·17	—13	49·81	+6·79	+16	0·86	—1·98	—70	55·01	+6·54	+13
18. Do. do., East	2·63	+1·32	+101	1·08	—1·05	—49	55·99	+6·63	+13	2·50	—0·90	—26	62·20	+6·00	+11
19. Konkan	0·19	+0·05	+36	3·15	+1·25	+66	109·15	+4·02	+4	2·75	—3·30	—55	115·24	+2·02	+2
20. Bombay, Deccan	0·70	+0·49	+233	2·52	+0·47	+23	28·47	+2·69	+10	2·05	—2·42	—54	33·74	+1·23	+4
21. Hyderabad, North	1·39	+0·46	+49	0·57	—1·62	—74	34·77	+2·80	+9	0·99	—2·70	—73	37·72	—1·06	—3
22. Do. South	0·42	+0·26	—38	0·76	—1·96	—71	31·85	+8·17	+35	3·85	—0·43	—10	36·88	+5·58	+18
23. Mysore	0·49	+0·19	+63	3·22	—2·41	—43	24·38	+2·27	+10	6·50	—1·71	—21	34·59	—1·66	—5
24. Malabar	1·79	+0.50	+39	11·54	—1·95	—14	85·33	+9·68	+13	10·28	—9·05	—47	168·94	—0·82	—1
25. Madras, Southeast	3·26	+1·56	+85	6·75	+2·00	+42	13,88	+1·90	+16	9·90	—8·20	—45	33·79	—2·80	—8
26. Do., Deccan	0·39	+0.07	+22	1·09	—1·57	—59	20·43	+6·08	+42	3·84	—2·88	—43	25·75	+1·70	+7
27. Do. Coast, North	1·01	+0·15	+17	1·02	—2·17	—68	26·30	+4·34	+20	12·23	—0·30	—2	40·56	+2·02	+5

*Data not available. †Rainfall data of West Bengal for July 1947 have not been received.

Table XIV.—Average over the 27 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 1947.

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	1·4	—3·9	33·8	+1·6	66·0	—2·5	12·5	+2·7	113·7	—2·1
3. West Bengal†	1·2	—1·6	12·4	—1·1	..	..	8·0	+1·4	..	..
4. Orissa	3·1	+0·7	4·7	—3·7	50·8	—3·0	12·4	+4·4	71·0	—1·6
5. Chota Nagpur	3·6	—0·7	5·4	—1·1	50·2	—4·2	7·0	+1·6	66·2	—4·4
6. Bihar	1·3	—1·4	4·9	—0·2	41·0	—4·0	3·1	—0·5	50·3	—6·1
7. United Provinces, East	2·5	—0·2	2·3	—0·1	39·8	+0·9	1·7	—1·1	46·3	—0·5
8. Do. do., West	3·4	—0·2	2·2	—1·0	36·3	+1·8	1·4	—0·7	43·3	—0·1
9. East Punjab	3·6	—0·4	1·7	—2·0	19·1	—2·2	2·0	+0·1	26·4	—4·5
10. Kashmir	6·8	—4·1	8·7	—6·1	22·8	—0·9	7·1	+0·6	45·4	—10·5
11. Rajputana, West	0·4	—0·5	0·1	—1·2	10·7	—1·6	0·5	—0·1	11·7	—3·4
12. Do., East	1·3	—0·1	0·5	—1·3	33·0	+3·5	1·7	0	36·5	+2·1
13. Gujarat	0	—0·4	2·0	+1·3	32·3	—3·4	0·9	—1·0	35·2	—3·5
14. Central India, West	1·8	+0·6	0·9	—0·6	42·5	+3·9	2·2	—0·6	47·4	+3·3
15. Do. do., East	4·8	+1·6	1·4	—1·1	45·4	+0·7	1·9	—1·3	53·5	—0·1
16. Berar	4·1	+2·7	3·1	+0·6	40·0	+0·6	2·4	—1·9	49·6	+2·0
17. Central Provinces, West	6·2	+3·7	2·8	—0·2	52·0	+3·3	1·5	—2·6	62·5	+4·2
18. Do. do., East	5·5	+3·0	2·7	—1·9	58·4	+3·8	3·3	—1·6	69·9	+3·3
19. Konkan	0·3	+0·1	5·6	+2·9	82·2	—2·8	3·3	—4·6	91·4	—4·4
20. Bombay, Deccan	1·[illegible]	+0·9	5·2	+1·3	38·7	+1·5	3·5	—3·3	48·8	+0·4
21. Hyderabad, North	2·6	+0·9	1·3	—2·9	45·2	+1·3	1·8	—3·3	50·9	—4·0
22. Do., South	1·2	0	1·9	—2·7	42·3	+4·7	5·3	—1·5	50·7	+0·5
23. Mysore	1·1	+0·5	7·1	—2·1	38·9	+5·7	8·2	—4·2	55·3	—0·1
24. Malabar	3·3	+1·3	16·8	—0·9	83·0	+9·8	13·2	—10·9	116·3	—0·7
25. Madras, South East	5·0	+2·6	8·8	+1·7	19·2	+1·3	13·2	—8·4	46·2	—2·8
26. Do. Deccan	1·0	+0·4	2·2	—2·5	32·5	+8·5	6·0	—3·8	41·7	+2·6
27. Do. Coast, North	1·3	0	1·8	—2·9	35·7	+2·9	13·6	+1·1	52·4	+1·1

* Data not available. †Rainfall data of West Bengal for July 1947 have not been received.

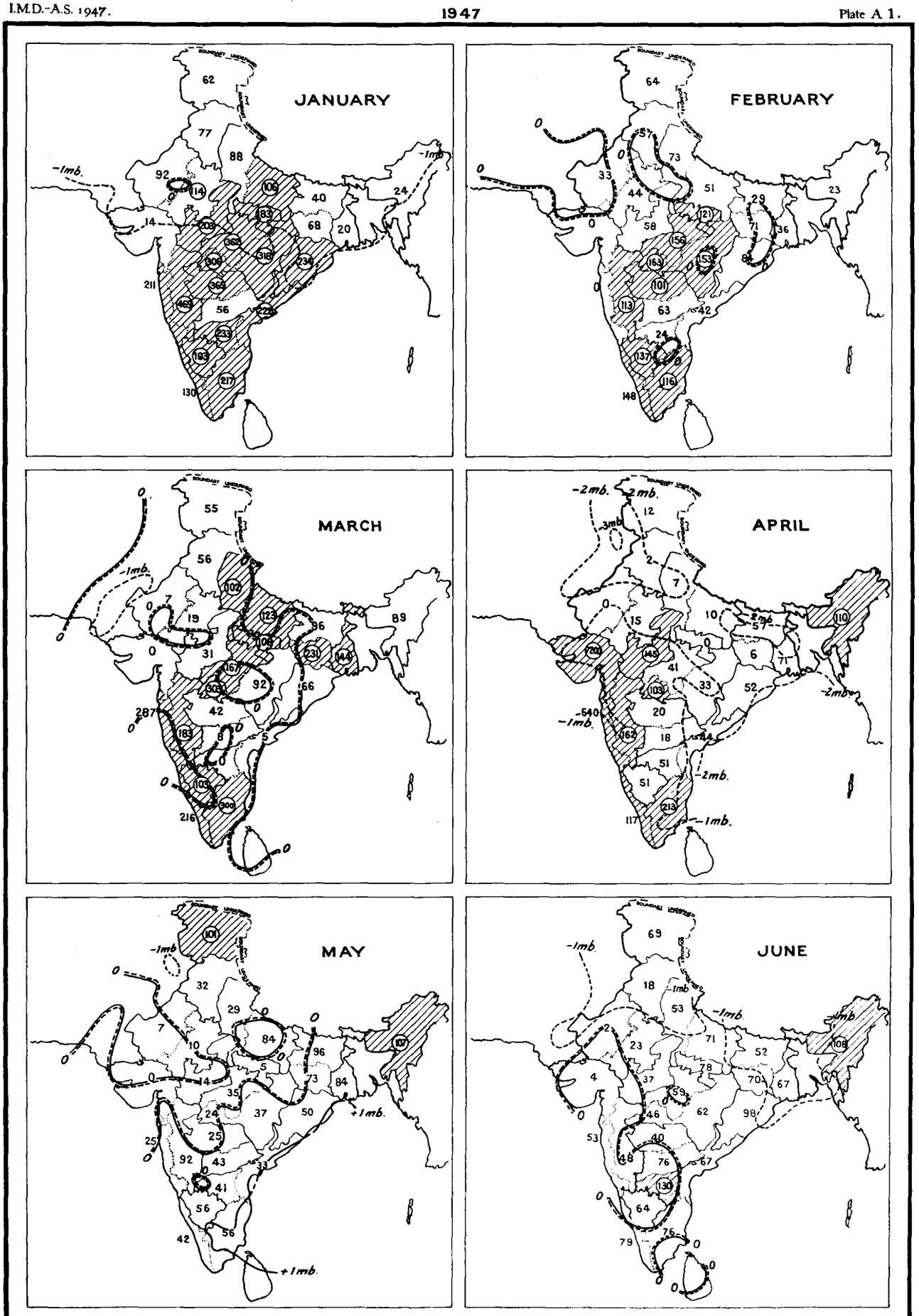
Table XV.—Showing rainfall of 10″ and over with amounts in the preceding and following 24 hrs. during the year 1947.

Province and District.	Station.	Date.	Amount. Preceding day.	On date in column 3.	Succeeding day.
1	2	3	4	5	6
Assam.					
Khasi and Jaintia Hills	Mawsynram	May 26	8·38	10·41	9·68
		,, 28	9·68	12·76	13·45
		,, 29	12·76	13·45	15·87
		,, 30	13·45	15·87	15·94
		,, 31	15·87	15·94	*
Cachar	Bikrampur	June 13	3·12	10·98	3·05
Cachar (North Cachar Hills)	Jatinga valley	,, 14	3·52	11·41	6·77
Do.	Harangajao	,, 1	3·75	10·25	5·87
Naga Frontier tract	Denning	July 7	3·95	10·05	3·65
Mishmi Hill Do.	Lungleh	,, 30	1·02	12·00	8·68
	Demagiri	,, 30	3·23	11·95	4·30
West Bengal.					
Darjeeling	Kurseong	June 8	0	11·26	0·75
Tripura State	Sonamura	,, 20	0	10·00	1·00
Tripura State	Belonio	Aug. 5	2·08	17·96	0
Jalpaiguri	Buxa	Sept. 29	2·00	10·50	2·78
Orissa.					
Puri	Gop	June 27	0·74	11·87	0
		Aug. 27	3·60	12·95	0·57
Bihar.					
Hazaribagh	Kodarma	Aug. 1	0·73	12·31	0·55
United Provinces.					
Lucknow	Lucknow	July 17	0·54	12·27	0·89
East Punjab.					
Ambala	Dadupur	Sep. 26	6·15	12·00	4·00
Hoshiarpur	Una	,, 26	1·16	10·87	3·62
Ludhiana	Ludhiana	,, 26	0·15	13·57	5·75
Rajputana.					
Tonk	Sironj	Sep. 1	0	10·00	1·25
Bundi	Bundi	,, 6	3·51	14·58	0·88
Bombay.					
Bhavnagar	Bhavnagar	April 18	0·92	12·07	0·23
Palitana	Palitana	,, 18	1·68	10·85	1·08
Surat	Waghai	July 17	9·80	10·85	0·21
Nasik	Trimbak	,, 17	3·85	12·40	4·75
Do.	Igatpuri	,, 17	2·75	10·72	5·92
Savantvadi	Amboli	,, 15	5·20	10·44	7·20
Dharampur	Dharampur	,, 16	6·70	10·07	0·32
Porbandar	Porbandar	Aug. 21	1·53	10·02	1·34
Bombay	Bombay	Sep. 23	2·82	10·45	4·45
Central India.					
Gwaliar	Haidergarh Bosota Dispensary	Aug. 31	0·36	10·59	0·17
Rewa	Umaria	,, 6	0.11	10·48	0·77
Gwaliar	Goona	Sep. 5	0·76	11·75	0·23
Bhopal	Sehore (Qusba)	,, 6	1·28	10·27	0
Central Provinces and Berar.					
Hoshangabad	Chindwara	July 22	2·20	11·23	0·71
Do.	Pachmarhi	,, 29	0·77	12·61	0·40
Bilaspur	Champa	,, 26	0·05	13·67	7·47
Bhandara	Bodialkasa	Aug. 31	8·10	14·80	3·18
Chendwara	Tamia	,, 31	3·41	13·80	3·77
Hyderabad					
Nizamabad	Jokora	Sep. 28	0·50	10·85	0·19
Madras					
Coimbatore	Avanshi	July 13	6·10	17·25	17·66
		,, 14	17·25	17·66	8·96
		,, 18	2·52	10·98	12·01
		,, 19	10·98	12·01	17·07
		,, 20	12·01	17·07	6·49
		,, 21	6·49	10·39	9·80
Travancore State					
(Kottayam Division)	Permade (Residency)	Aug. 17	3·25	11·20	2·00
South Kanara	Puttur	,, 17	0·35	10·50	5·16
Do.	Bantwal	,, 17	0·62	10·60	2·80
Coorg	Karike	,, 17	0·40	10·60	6·10

* Data not available.

MGIPC—S5—8 DGO—1.8.51—240.

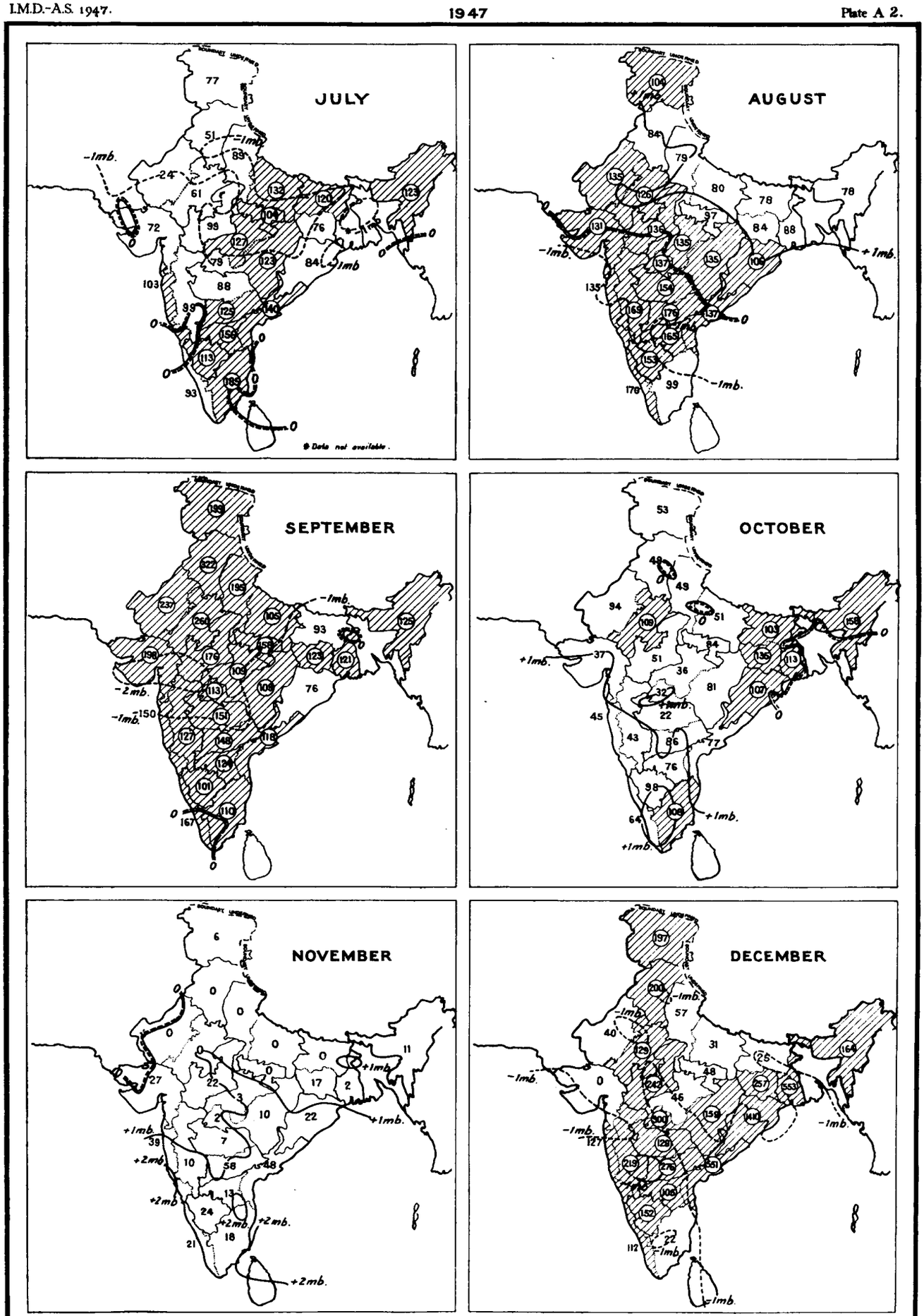
SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS) AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)



ABOVE 100% BELOW 100%

The Indo-Pakistan boundary shown on this map has not yet been demarcated as an international boundary. The alignment, therefore, is to be regarded as approximate and is not authoritative.

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



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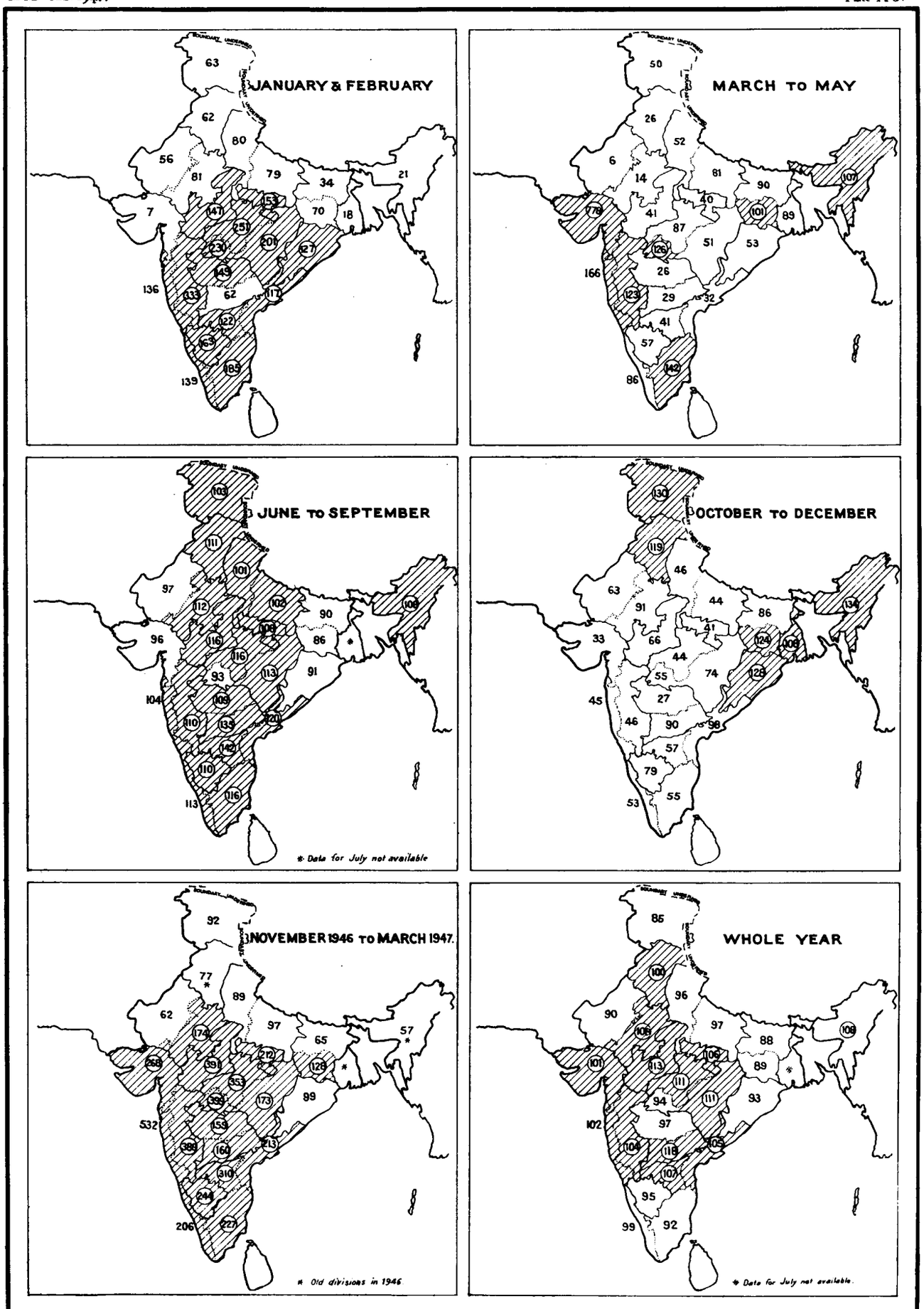
The Indo-Pakistan boundary shown on this map has not yet been demarcated as an international boundary. The alignment, therefore, is to be regarded as approximate and is not authoritative.

SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS) IN DIFFERENT PERIODS OF THE YEAR 1947.



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The Indo-Pakistan boundary shown on this map has not yet been demarcated as an international boundary. The alignment, therefore, is to be regarded as approximate and is not authoritative.

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Varadachary & Co., Messrs. P.

MANGALORE—
U. R. Shenoy & Sons, Car Street.

MEERUT CANTT.—
Mr. Dharam Prakash, B.Sc.

MEERUT CITY—
Prakash Educations Stores, Near Tehsil.
University Book Depot, Near Tehsil.

MYSORE—
J. Nanumal & Sons, Lansdowne Buildings.

NAGPUR—
Supdt., Government Printing, Central Provinces.

NEW DELHI—
Amrit Book Co., Connaught Circus.
Bhavnani & Sons, Connaught Place.
Bodh Raj Marwah, Shop No. 65, Pussa Road Market, Karol Bagh.
Clifton & Co., Original Road, Karolbagh.
Empire Book Depot, 278, Aliganj, Lodi Road.
English Book Store, G-Block, Connaught Circus.
Faqir Chand Marwah & Sons, No. 1-A, Regal Building, Connaught Circus.
Harikishan Das Bedi, R. S., 22, Annexe Feroze Shah Road.
J. Ray & Sons (India), Ltd., 2, Regal Building.
Jain Book Agency, Connaught Place.
Jayna Book Depot, Chapparwala Kuan, Karol Bagh.
Oxford Book & Stationery Coy., Scindia House.
Ram Krishna & Sons (of Lahore), 13/13, Connaught Place.
Saraswati Book Depot, 15, Lady Hardinge Road.
Sikh Publishing House Ltd., 7-C, Connaught Place.

PATIALA—
Jainco, Booksellers, etc., Bazar Shaha Nashin.

PATNA—
Sohan Singh & Sons, Pirmohani, P. O. Kadm Kuan.
Supdt., Government Printing, Bihar, P. O. Gulzar Bagh.

PATNA CITY—
*Hindi Pustak Agency.
Lakshmi Trading Co., Padri-ki-Haveli.
Raghunath Parshad & Sons.

POONA—
Deccan Book Stall, Fergusson College Road.
Express Book Service, East Street.
International Book Service, Deccan Gymkhana.

PUDUKKOTTAI—
P. N. Swaminathan Sivam & Co., Perumal Vilas, Bazar Street.

RAJKOT—
Mohan Lal Dosabhai Shah.

RANCHI—
Ideal Book Store, Near Paristhan Theatre, Main Road.

ROORKEE—
Cambridge Book Depot.

SHILLONG—
Supdt., Assam Secretariat Press.

SIMLA—
J. Ray & Sons (India), Ltd.
Azad Kitab Mahal, Stall No. 13.
Minerva Book Shop, Regal Cinema Building.
Sunder Das & Sons, 141, Lower Bazar.

SIROHI—
National Trading Co.

SURAT—
Shree Gajan Pustakalaya, Tower Road.

TRICHINOPOLY FORT—
Krishna Swami & Co., Messrs, S., Teppakulam.

TRIVANDRUM—
International Book House, 33, Valia Chalai.

UDAIPUR—
Mewar Book Depot.

UJJAIN—
Manakchand Book Depot, Patni Bazar.

VELLORE—
Venkatasubban, Mr. S., Law Bookseller.

*For Hindi Publications only.