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1949

GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1949

ANNUAL SUMMARY

PART A

SUMMARY OF WEATHER WITH TABLES

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UNDER THE DIRECTION OF

S. BASU, M.Sc.,

Director General of Observatories

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(*Continued on inner page of the back cover.*)

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Page No.	Station	Column No.	Month	For	Read
Cover page		Pages		A6-A23 A24-A32 A33-A39 A40-A86	A6-A22 A23-A32 A33-A41 A42-A86
.9	Agra	52	-	185	185 ‡
.10	Khandwa	4	-	0.8	-0.8
.11	Jubbulpur	53	-	Jubbulpore	Jubbulpur
.12	Sholapur	16	-	75.5	65.5
.15	Vellore	24	-	8.6	3.6
.16	Colombo	14	-	72.0	79.0
.16	Aijal	17	-	76.8	63.8
.16	Pachmarhi	19	-	0.1	+0.1
.17	Ootacamund	24	-	8.3	3.3
.17	Muktesvar	25	-	.5	-0.5
.18	Seychelles	1	-	10 and 16 hrs.L.M.T.	0930 and 1530 hrs.L.S.T.
.18	Minicoy	9	January	blank	3
		10	January	.5	71.5
.19	Seychelles	53	-	10 and 16 hrs.L.M.T.	0930 and 1530 hrs.L.S.T.
20	Lhasa	9	November	blank	1
23	Calcutta	Average total per day.	March	.8	8.8
23	New Delhi	-do-	Year	.3	8.3
23	Allahabad	Greatest No. of hours in a day.	Year	122	12.2
24	Jaipur	Average total per day.	Year	.4	8.4
27		Heading		-Concld.	-Contd.
28	New Delhi	14	December	25.9	35.9
28	Calcutta	13	September	16.27	16, 27
30	Nagpur	10	January	0.9	10.9
31	Bangalore	5	July	blank	8
		5	August	blank	8
		12	May	blank	0
		12	June	blank	0
2	Madras	4	October	blank	2
2	Kodaikanal	6	February	blank	4
6	Veraval	7	November	1, 120.1	1012.1
8		Foot Note		2.1	-2.1
8		"		Value	Values
0		Heading		Table VIII	Table VII
7	Nagpur	19-20	September	020	0.20
9	Poona	Time	March	21-22	20-21
		"	May	2-3	1-2
		"	June	3-4	2-3
		"	July	7-8	6-7
		"	August	21-22	20-21
		"	September	4-5	3-4
		"	October	15-16	14-15
4	Jamshedpur	Heading.		6.00	> 6.00
5	Kodaikanal	"		76.00	> 6.00

Page No.	Station	Column No.	Month	For	Read
A57	Jamshedpur	Heading	-	8.00-9.00	8.01-9.00
A59		"	-	-Concld.	-Contd.
A60	Jamshedpur	"	-	14.00-16.00	14.01-16.00
A62		"	-	-Concld.	-Contd.
A69	Jamshedpur	"	-	20.00	> 20.00
A73	Bombay	>10.00	Year	1*	1
A74		Heading	-	-Concld	-Contd.
A75	Jamshedpur	"	-	10.00	>10.00
A83		"	-	-Concld.	-Contd.
A86		"	-	-Concld.	-Contd.
A86	Mahabaleshwar	-	-	Mohabaleshwar	Mahabaleshwar
A91	Jamshedpur	Vel/Dn	Year	17	67
A94	New Delhi	16	October	.3	8.3
A94	Jodhpur	17	November	5.9	5.6
A94	"	16	December	6.	6.5
A94	"	17	December	--	5.9
A98	Bombay(Juhu)	17	April	13	13.6
A98	Poona	1	Year	.6	5.6
A101	Hyderabad	Highest Max. hour	December	blank	15
A106	Jamshedpur	Heading	-	< 33	> 33
A108	Kodaikanal	No.record	Year	blank	49
A109	Calcutta	Max.speed	May 14	blank	44
A116	Jodhpur	18	Year	79.1	89.1
A117	"	20	April	5.8	95.8
A118	Baroda	12	Year	94.5	90.5
A120	Kodaikanal	14	January	9.7	59.7
A121	Madras	19	October	31.9	81.9
A124	-	Heading	-	< 35	< 35
A133	Allahabad	Mean	Year	67.9	68.7
A139	"	Extreme Minimum	August	blank	35
A142	Poona	4	July	7	87
A143	"	24	March	1	51

Addendum to the Table XIX

Page	Province & District.	Station	Date	Amount Preceding Day	On date in column 3.	Succeeding day.
	1	2	3	4	5	6
A155	Orissa Bolangir Patna	Binka	September 13	0.00	10.13	0.00

INDIA WEATHER REVIEW, 1949.

ANNUAL SUMMARY.

PART A.

Weather and Rainfall of 1949.

Summary:—The western disturbances were generally feeble and the north-east monsoon was also weak, so that the rainfall during winter was scanty or deficient over the country.

Marked thunderstorm activity in north-east India and the south Peninsula during April and May and an unusually early advance of the monsoon along the west coast in the last week of May formed the chief features of the weather during the hot weather period, March to May. In March, the western disturbances continued to be feeble giving little rain, while thunderstorms also were less than usual. But during April and May, thunderstorm activity became very pronounced in north-east India causing excess of rainfall there while in the south Peninsula also, there was good thunderstorm rain. A depression from the south-west Bay of Bengal caused widespread rain in the whole of the Peninsula from the 21st to 25th of May and ushered in the monsoon into Malabar on the 23rd. By the end of May, the monsoon advanced up to the Konkan.

Though the monsoon arrived earlier than usual, 23rd of May, it did not advance beyond the west coast of the Peninsula during June and got established in north-east India also only at the end of the month. However, within the first ten days of July, it rapidly advanced over the whole country and remained fairly active till the middle of August giving well-distributed rain over most regions. After a distinct slackening in its activity during the second half of August, the monsoon was again active to strong over most of northern India and the central parts of the country during the first fortnight of September. In the third week of the month, the monsoon was vigorous in the south Circars, the Deccan and the Konkan where locally very heavy rainfall occurred. The monsoon withdrew from north-west India and the west United Provinces after the 19th of September and from the rest of the country by the 3rd of October.

The outstanding feature of the weather during the post-monsoon period, October to December, was a severe cyclonic storm in the Bay of Bengal. This commenced as a depression in the Andaman Sea and moving north-west became a severe cyclone centred about 350 miles south-east of Masulipatam on the 26th morning. The cyclone struck the coast near Masulipatam in the early hours of the 28th, and weakening thereafter moved to east Hyderabad. It then moved north-eastwards and filled up over Bihar. The cyclone was accompanied by hurricane winds and very heavy rain which caused considerable damage in the Andhra districts of the Madras Presidency.

The north-east monsoon failed in the Madras Presidency as, during the whole of November and December, the monsoon was active for only one short spell in the third week of November when fairly widespread rain occurred over the region. The western disturbances during this season were generally feeble and consequently, north-west India also had scanty rainfall.

Winter—January and February ;—Of the seven western disturbances in ***January*** only two were moderately active, and the rainfall in north-west India was, therefore, in large defect. The third disturbance of the month gave widespread rain in the East Punjab on the 16th and in west Rajputana from 15th to 17th while the fifth caused local showers in and near the hills of the East Punjab and of the west United Provinces on the 20th. The north-east monsoon was generally weak, so that dry weather prevailed in the south Peninsula except for three spells of thunderstorms : on the 2nd, 11th and 15th. There were widespread thundershowers in Assam on two days during the third week and in Bihar, Chota Nagpur and Bengal on the 28th. In the wake of the first western disturbance, a cold wave set in over west Rajputana on the

4th and extended to the East Punjab, the United Provinces, Madhya Bharat, Vindhya Pradesh and Bihar in the course of the next two days. The rainfall for the month was in large defect over most of the country being 57 per cent. in defect taking the country as a whole.

February was a month of little rainfall over the country outside Bihar, the United Provinces, the East Punjab and Vindhya Pradesh. Only the first of the six western disturbances of the month was active. It caused good rain over most of northern India during the first week, many stations in and near the hills of the East Punjab and of the west United Provinces recording heavy falls. The heavy snowfall in the Simla hills is reported to have caused complete dislocation of vehicular traffic and disruption in telegraphic and telephonic communications with that town. This disturbance was followed in its wake by a cold wave which affected progressively Saurashtra, Gujarat, Rajputana, the central parts of the country, the northern half of the Peninsula and West Bengal between the 6th and 9th. Averaged over the plains of India, the rainfall during February was 7 per cent. in defect.

The rainfall during the winter was in moderate to large excess in Bihar, and the east United Provinces, in slight excess in the west United Provinces and normal in the East Punjab. It was in moderate defect in Assam, Chota Nagpur, west Rajputana, Saurashtra and Kutch and Vindhya Pradesh and in large defect elsewhere except in Gujarat, the Konkan, the Bombay Deccan, south Hyderabad, Mysore and the Madras Deccan where no rain fell. Averaged over the plains of India, the rainfall for the season was 45 per cent. in defect.

The mean maximum temperature was above normal in the west United Provinces, the East Punjab, Rajputana, Madhya Bharat and Bhopal and Vindhya Pradesh and normal elsewhere. The mean minimum temperature was above normal in the United Provinces, east Rajputana, Gujarat, Saurashtra and Kutch and Madhya Bharat and Bhopal and normal elsewhere.

Relative humidity was in excess in Central India and in defect in Assam ; elsewhere it was normal. Cloud amount was normal in Assam, the United Provinces, Bombay, Central India and Madras and in defect elsewhere.

*The Hot Weather—March to May:—**March*** again was a month of scanty or no rainfall over most of the country. All the six western disturbances of the month were feeble. But the secondaries induced by some of them moving from Madhya Bharat to West Bengal induced thunderstorm activity in Assam on the 5th and 6th and in Chota Nagpur, West Bengal and Assam during the second half of the third week. Dry weather prevailed in the Peninsula except for scattered showers in Malabar and Mysore during the third week and in the Bombay Deccan in the middle of the fourth week.

Large excess of thunderstorm-rain in north-east India and good thunderstorm activity in the Madras Presidency during the first fortnight characterised the weather during ***April***. Stimulated by two secondary western disturbances, thunderstorm activity was marked in north-east India throughout the month, being particularly so during the first fortnight. These thunderstorms kept the day temperatures unusually low in Assam and West Bengal throughout the month. There were good thundershowers in the Madras Presidency during the first two weeks of April ; but thereafter very little rain fell over that area. The central parts of the country and the Deccan had very much less than their normal share of thunderstorms while north-west India went practically dry owing to the five western disturbances of the month being feeble.

The month of ***May*** started with good thunderstorm activity in north-east India during the first week. Thunderstorms extended into the central parts of the country and the Deccan by the second week and were well marked in the south Peninsula and north-east India during the second and third weeks. Thunderstorms continued to be active in north-east India during the last week also when some heavy falls were recorded in Assam and West Bengal. A depression formed in the south-west Bay of Bengal on the 21st, crossed the coast north of Madras and moving across the Peninsula emerged as a low pressure wave in the east central Arabian sea. Under its influence, there was widespread and locally heavy rain along the north Coromandel and south Circars coasts on the 23rd and fairly widespread rain over the whole of the Peninsula from the 21st to 25th. The depression brought in the south-west monsoon into the south-east Arabian sea and on to Malabar on the 23rd when widespread heavy rain occurred there. Under the influence of a trough of low pressure which developed off the Konkan-Kanara coast on the 22nd and persisted with varying intensity till the beginning of June, the monsoon continued active over Malabar and extended into the Konkan by the 25th and temporarily into Gujarat on the last day of the month. Four western disturbances moved across the country during the month and were responsible for local showers in the East Punjab and the west United Provinces on the 20th and 21st and in the East Punjab and east Rajputana on the 27th.

The total rainfall for the season was in large excess in West Bengal, Chota Nagpur, Bihar, the Konkan and the Bombay Deccan and in slight to moderate excess in Assam, Madhya Bharat and Bhopal, Berar and the Madras Presidency outside the Madras Deccan. It was normal in the east United Provinces, the east Central Provinces, Mysore and the Madras Deccan, in slight to moderate defect in Orissa, the west

United Provinces, Vindhya Pradesh, the west Central Provinces and Hyderabad and in large defect elsewhere except in Saurashtra and Kutch where no rain fell. Averaged over the plains of India the rainfall for the season was 26 per cent. in excess. Data from the Bay Islands are not available

The mean maximum temperature was above normal in the East Punjab, Rajputana and Madhya Bharat and Bhopal and below normal in West Bengal and Bihar. The mean minimum temperature was above normal in United Provinces, north-west India and Madhya Bharat and Bhopal and normal elsewhere.

Relative humidity was in excess in Bihar, the United Provinces and Mysore and normal elsewhere. Cloud amount was above normal in Assam, West Bengal and Bihar, below normal in the East Punjab and normal elsewhere.

The Monsoon Period—June to September:—In ***June*** the activity of the monsoon was generally feeble and confined to Malabar and Assam. There was, however, a temporary incursion of the monsoon into Bihar, Chota Nagpur and Orissa between the 11th and 13th and into Gangetic West Bengal and the east Central Provinces in the middle of the fourth week ; and by the end of the month, the monsoon got established in north-east India. Though the monsoon did not advance into the interior of the country during the month, the Central Provinces, most of the Deccan and the eastern districts of south-east Madras got their usual quota of rainfall from thunderstorms during the early part of the month ; so that taking the country as a whole, the rainfall for June was in defect only by 15 per cent.

The monsoon rapidly advanced into the interior of the country during the first week of ***July*** and by the 9th got established over the whole country. Till the end of the month it remained generally active over the whole country with only a temporary 'break' between the 19th and 23rd July ; during this period, however, widespread rain with locally heavy falls occurred over the region from Assam to the East Punjab. The continued activity of the monsoon during July made up, to a large extent, the deficiency of rainfall in June in the United Provinces, Saurashtra and Gujarat.

The monsoon continued active over the country outside Orissa and the Deccan during the first ten days of ***August***, being vigorous in Saurashtra and Kutch and the west Central Provinces from 1st to 3rd. With the northward displacement of the seasonal trough of low pressure, between the 10th and 20th, the rainfall belt shifted to the United Provinces and north-east India, while the rest of the country excluding the west coast got little or no rain during this period. The monsoon weakened in the United Provinces and north-east India also after the 24th. However, during the last week, under the influence of a trough of low pressure which moved from the west central Bay into the Peninsula and then across the Deccan, the monsoon became active over most of the Peninsula.

The monsoon revived in the United Provinces, the central parts of the country, the Deccan, Assam and West Bengal early in ***September*** but continued weak over the rest of north-east India and the whole of north-west India during the first week. It strengthened over these areas also during the second week in association with two shallow depressions from the north-west angle of the Bay, one of which moved up to the north-east Central Provinces and the other to lower Sind. Strong monsoon conditions prevailed in the west Central Provinces and Madhya Bharat between the 14th and 19th. After the 19th, the monsoon withdrew from north-west India and the west United Provinces and till the end of the month it was generally weak in the east United Provinces, the central parts of the country and north-east India outside Assam. A depression from the Andaman Sea which crossed the coast to the north of Masulipatam and weakened over Hyderabad helped to strengthen the monsoon considerably in the Peninsula between the 19th and 23rd. Rainfall was locally very heavy in the south Circars coast and the south Deccan on the 21st and in the north Konkan on the 21st and 22nd. Bombay had a record rainfall of 32″ in 48 hours, of which 23″ fell in 12 hours on the 22nd. Considerable damage to property due to these heavy rains was reported from the Nellore, Kistna and Kurnool districts of the Madras Presidency and from the Bijapur district of the Bombay Presidency.

After the 25th of September, the monsoon became weak in the Peninsula also, and by the 3rd of ***October*** it withdrew completely from the country.

The rainfall during the monsoon period was in slight to moderate excess in Saurashtra and Kutch, Berar, north Hyderabad and the Madras Presidency outside Malabar. It was in slight to moderate defect in Orissa, Rajputana, Vindhya Pradesh and Mysore and normal elsewhere. Averaged over the plains of India, the season's rainfall was 3 per cent. in excess.

The mean maximum temperature was normal except in the Madras Deccan where it was in defect. The mean minimum temperature was normal.

Relative humidity and cloud amount were in excess in Hyderabad and normal elsewhere.

Post-Monsoon Period—October to December :—The most prominent feature of the weather during ***October*** was a severe cyclonic storm from the west Central Bay of Bengal which struck the Circars coast. During the second week of October, a deep depression from off the Orissa-Circars coast moved into the

Deccan and caused widespread rain in Orissa and West Bengal between the 9th and 11th and in the Central Provinces on the 10th and 11th, rainfall being locally heavy along the Orissa coast. This was followed by a week of well-marked thunderstorm activity in the central parts of the country, the Deccan, Mysore and north-east India.

A depression formed in the Andaman Sea on the 23rd and, moving north-westwards, intensified into a severe cyclone by the 26th with its centre about 350 miles south-east of Masulipatam. It struck the coast 25 miles east-north-east of Masulipatam at about 2 a.m. on the 28th near the time of high tide. It moved up to east Hyderabad while weakening rapidly, and thereafter moved north-eastwards becoming unimportant over Bihar by the 1st of ***November***. The strong winds and heavy rains that accompanied the cyclone caused appalling destruction of life and property and indescribable suffering to the people in Andhra Desa. Numerous trees along the Masulipatam-Cocanada strip of the coast were uprooted by the stormy wind, exceeding 50 m.p.h., that raged for over 12 hours ; Masulipatam recorded a maximum wind speed of 83 m.p.h. at 0230 hrs. of 28th. The torrential rains resulted in heavy breaches along roads and railway lines and in the breakdown of telegraph and telephonic communications in the Kistna, Guntur, west Godavari and east Godavari districts. The losses in property, crops and livestock in these districts were estimated at several crores of rupees. The cyclone was also responsible for widespread and locally very heavy rain along the Orissa coast and along and near its track in the interior of the country during its further movement as a depression.

November was a month of unusually dry weather over the country owing to the western disturbances being few and feeble and the north-east monsoon being extremely weak except for a short spell. Practically dry weather prevailed during the first two weeks of the month. The north-east monsoon set in along the Coromandel coast on the 16th, extended over the whole of the Madras Presidency by the 17th and remained active for three days giving widespread and locally heavy rain. Thereafter the monsoon weakened and dry weather again prevailed over the whole country till the end of the month. Of the three western disturbances that moved across the country during the month, only one was moderately active and caused local thundershowers in south-east Rajputana, Madhya Bharat and Gujarat on the 22nd.

December also was a month of scanty rainfall. The north-east monsoon continued to be weak throughout the month with the result that there was very little rain in the Madras Province. There were five western disturbances of which only two were moderately active and caused local or widespread showers in and near the hills of the East Punjab and of the west United Provinces on the 10th and 13th respectively.

The total rainfall of the season was in large excess in Orissa and the Central Provinces and in slight to moderate excess in Bihar, the east United Provinces, Vindhya Pradesh and Berar. It was normal in Assam, West Bengal, Madhya Bharat and Bhopal, Mysore and the north Madras coast and in slight defect in Gujarat, the Konkan, the Bombay (Dn.), Hyderabad and the Madras Deccan. Elsewhere it was in moderate to large defect. Averaged over the plains of India, the season's rainfall was 8 per cent. in defect. Data from the Bay Islands are not available.

The mean maximum temperature was below normal in the east United Provinces, and normal elsewhere. The mean minimum temperature and relative humidity were normal over the whole country.

Cloud amount was below normal in West Bengal, the East Punjab and Rajputana and normal elsewhere.

Year :—The total rainfall of the year was in slight excess in the Bay Islands, Saurashtra and Kutch, the west Central Provinces, the Konkan, south Hyderabad, Malabar, the Madras Deccan and the north Madras coast and in slight defect in Orissa, the East Punjab, east Rajputana, Gujarat, Madhya Bharat and Bhopal and south-east Madras. Elsewhere it was normal. Averaged over the plains of India, the rainfall for the year was 3 per cent. in excess.

NOTE.—It is not possible to adopt a single classification of seasons which will be satisfactory for the whole of India.

The classification adopted in this publication is, however, considered as the most satisfactory one and the least open to objection especially from the point of view of rainfall.

Table I.—Divisional and Sub-divisional means for the year 1949.

DIVISION.	Rainfall.* Actual.	Rainfall.* Normal.	Rainfall.* Departure from normal.	Rainfall.* Percentage departure from normal.	Departure from normal of: Maximum temperature.	Departure from normal of: Minimum temperature.	Departure from normal of: 8-30 hrs. I. S. T. Vapour pressure.	Departure from normal of: 8-30 hrs. I. S. T. Relative humidity.	Departure from normal of: 8-30 hrs. I. S. T. Cloud.
1	2	3	4	5	6	7	8	9	10
	"	"	"		°	°	mbs.	%	
Assam . .	95·62	87·47	+8·15	+9	0	+0·3	+0·3	0	+0·4
West Bengal .	76·24	72·75	+3·49	+5	—0·6	—0·2	0	+1	0
Orissa . . .	50·29	56·91	—6·62	—12	+0·3	+0·1	+0·1	+1	+0·1
Bihar . . .	58·32	50·12	+8·20	+16	—0·4	—0·1	+1·1	+4	+0·1
United Provinces .	44·84	41·56	+3·28	+8	+0·2	+1·2	+1·2	+3	0
East Punjab .	20·24	23·97	—3·73	—16	+1·6	+0·5	+0·2	0	—0·3
Rajputana . .	16·66	19·17	—2·51	—13	+1·3	+1·1	+0·4	+1	—0·3
B-DIVISION.									
1. Bay Islands .	137·47	123·33	+14·14	+11	+0·8	+0·7	—0·2	+1	+0·8
2. Assam . .	95·62	87·47	+8·15	+9	0	+0·3	+0·3	0	+0·4
3. West Bengal .	76·24	72·75	+3·49	+5	—0·6	—0·2	0	+1	0
4. Orissa . .	50·29	56·91	—6·62	—12	+0·3	+0·1	+0·1	+1	+0·1
5. Chota Nagpur	53·72	52·38	+1·34	+3	—0·4	—0·4	+1·1	+3	0
6. Bihar . .	60·59	48·90	+11·69	+2	—0·4	+0·1	+1·0	+4	+0·1
7. United Provinces, East.	45·30	42·70	+2·60	+6	—0·4	+1·4	+1·3	+3	0
8. United Provinces, West.	44·10	40·41	+3·69	+9	+0·8	+1·0	+1·0	+2	—0·1
9 East Punjab .	20·24	23·97	—3·73	—16	+1·6	+0·5	+0·2	0	—0·3
10. Kashmir .	Data incomplete.								
11. Rajputana, West.	11·41	11·33	+0·08	+1	+1·1	+1·1	+1·0	+2	—0·5
12. Rajputana, East	21·90	27·06	—5·16	—19	+1·4	+1·1	—0·3	—1	—0·2
13. Gujarat . .	28·32	32·01	—3·69	—12	+0·9	+2·0	+0·9	+3	—0·1
14. Saurashtra and Cutch.	21·06	18·65	+2·41	+13	+0·8	+1·2	+0·6	+3	—0·1
15. Madhya Bharat and Bhopal.	33·69	41·61	—7·92	—19	+1·3	+1·4	+0·6	+2	+0·3

DIVISION.	Rainfall.* Actual.	Rainfall.* Normal.	Rainfall.* Departure from normal.	Rainfall.* Percentage departure from normal.	Departure from normal of: Maximum temperature.	Departure from normal of: Minimum temperature.	Departure from normal of: 8-30 hrs. I. S. T. Vapour pressure.	Departure from normal of: 8-30 hrs. I. S. T. Relative humidity.	Departure from normal of: 8-30 hrs. I. S. T. Cloud.
1	2	3	4	5	6	7	8	9	10
	"	"	"		°	°	mbs.	%	
Bombay (*including* Saurashtra and Cutch).	46·11	43·37	+2·74	+6	+0·6	+0·9	+0·7	+3	—0·1
Central India (*including* Madhya Bharat and Bhopal and Vindhya Pradesh).	38·65	44·02	—5·37	—12	+1·1	+0·9	+1·2	+4	0
Central Provinces and Berar.	52·41	48·86	+3·55	+7	+0·1	+0·7	+0·7	+3	+0·2
Hyderabad . .	40·79	32·24	+8·55	+27	—0·4	+0·1	+0·3	+5	+0·1
Mysore . .	41·36	45·69	—4·33	—9	—0·6	+0·1	+0·2	+4	0
Madras . .	50·23	48·96	+1·27	+3	—0·6	0	—0·3	0	+0·3
Mean of India .	45·14	43·63	+1·51	+3	+0·3	+0·5	+0·5	+2	0
16. Vindhya Pradesh.	45·28	47·21	—1·93	—4	+0·9	+0·2	+2·0	+6	—0·3
17. Berar . .	48·19	32·84	+15·35	+5	—0·6	+0·7	+1·0	+6	+0·2
18. Central Provinces, West.	53·38	48·16	+5·23	+11	+0·4	+0·8	+1·1	+4	+0·3
19. Central Provinces, East.	52·96	56·10	—3·14	—6	—0·1	+0·5	—0·2	+1	+0·2
20. Konkan .	111·34	98·32	+13·02	+13	+0·4	+0·4	+0·9	+2	—0·1
21. Bombay Deccan	42·69	41·31	+1·38	+3	+0·4	+0·4	+0·7	+3	—0·1
22. Hyderabad, North.	45·33	33·70	+11·63	+3	—0·5	+0·6	+0·2	+5	+0·3
23. Hyderabad, South.	35·77	30·57	+5·20	+17	—0·3	—0·2	+0·3	+4	+0·1
24. Mysore . .	41·36	45·69	—4·33	—9	—0·6	+0·1	+0·2	+4	0
25. Malabar .	121·03	108·28	+12·75	+12	+0·3	—0·2	—0·2	0	+0·5
26. Madras, South-east	31·73	40·52	—8·79	—22	—0·6	+0·3	—0·8	—1	+0·6
27. Madras Deccan	29·90	25·54	+4·36	+17	—1·3	—0·4	+0·3	+1	+0·1
28. Madras Coast, North.	46·95	39·93	+7·02	+18	—0·8	—0·1	+0·1	+2	—0·3

*Based on data from the meteorological observatories only as in Monthly Weather Reports. For fuller data see Tables XIV to XVIII.

Table II.—Abstract of observations recorded at 8·30 hrs. I. S. T. (03·00 hrs. G. M. T.) an

STATION.	Height of barometer cistern above mean sea level in feet.	Pressure at station level in millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %.		
		Mean 8·30 hrs. I.S.T.	Departure from normal.	Mean 17·30 hrs. I.S.T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8·30 hrs. I.S.T.	Mean 17·30 hrs. I.S.T.	Mean 8·30 hrs. I.S.T.	Mean 17·30 hrs. I.S.T.	Mean 8·30 hrs. I.S.T.	Departure from normal.	Mean 17·30 hrs. I.S.T.	Mean 8·30 hrs. I.S.T.	Departure from normal.	Mean 17·30 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
BAY ISLANDS.																						
Port Blair	259	1,001·9	+0·1	999·4	85·7	+0·8	92	III	74·2	+0·7	63	II	81·9	79·1	76·6	75·5	28·9	—0·1	28·5	78	+1	83
ASSAM.																						
Dibrugarh	348	998·6	—0·6	994·7	81·3	+0·1	97	VIII	65·1	—0·1	44	XII	72·3	74·7	68·9	70·5	23·4	0	24·3	84	—1	80
Sibsagar	317	999·7	—0·4	995·9	81·8	+0·3	97	VIII	66·3	+0·5	43	XII	73·0	75·9	69·7	71·4	24·1	—0·2	25·0	86	—1	80
Tezpur	258	1,001·9	—0·4	997·6	83·7	0	98	VIII	67·5	+0·3	48	I, XII	72·8	77·6	69·8	71·9	24·2	+0·4	24·9	85	+3	75
Gauhati	182	1,003·9	—0·2	999·9	83·9	—0·8	95	III, VIII, IX	67·3	+0·7	45	XII	73·8	78·5	70·2	71·8	24·4	+0·4	24·2	83	+2	71
Dhubri	115	1,006·1	—0·2	1,002·4	..	..	98	III	..	..	..	..	73·8	78·0	70·5	72·0	24·7	+0·7	24·7	84	+4	74
Silchar	96	1,007·3	—0·3	1,003·3	85·3	—0·8	98	VIII, IX	68·1	+0·7	43	II	74·6	78·9	70·8	73·1	24·7	—0·2	25·5	83	+2	74
WEST BENGAL.																						
Dum Dum	33	1,007·9	..	1,004·4	87·7	..	100	V	70·4	..	48	XII	78·1	82·1	72·0	73·1	25·0	..	24·4	73	..	64
Calcutta	21	1,008·3	—0·3	1,004·8	88·6	+0·1	102	V, VI	71·1	+0·9	49	XII	78·7	81·7	73·1	73·5	25·9	0	25·3	76	—3	67
Saugor Island	10	1,008·5	—0·3	1,005·3	84·2	—1·0	96	III	73·8	+0·4	53	II, XII	79·6	80·3	74·4	74·7	27·4	—0·3	27·4	77	—1	75
Sandheads*	32	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Midnapore	149	1,003·3	—0·8	1,000·0	89·2	—0·7	106	VI	69·1	—1·6	47	XII	77·7	83·3	71·3	73·1	24·4	+0·2	24·0	72	+1	61
Contai	36	1,007·3	..	1,004·0	86·7	..	99	III	71·6	..	50	II	78·1	81·9	73·1	75·0	26·6	..	27·3	77	..	71
Burdwan	106	1,004·9	—0·7	1,001·3	88·1	—0·8	102	VI	69·9	—0·3	48	XII	75·9	83·1	70·7	73·2	24·5	0	24·1	76	+2	62
Krishnagar	48	1,007·2	—0·5	1,004·0	89·5	+0·8	101	IV, VI	68·1	—0·7	43	I	76·6	82·3	71·8	73·8	25·7	+0·5	25·4	78	+4	66
Asansol	414	994·4	—0·3	990·8	88·2	—1·5	107	VI	68·6	—0·1	46	XII	76·5	82·1	70·5	72·5	23·8	+1·1	23·6	73	+4	62
Bernampore	62	1,006·9	—0·4	1,003·1	88·5	+0·5	103	VI	68·6	—0·8	47	XII	76·7	82·2	71·1	73·2	24·6	—0·1	24·2	74	—1	64
Malda	103	1,005·5	—0·4	1,001·9	85·3	—1·6	102	III	67·9	+0·2	42	XII	76·1	80·5	70·6	72·3	24·0	—0·1	24·2	75	+3	66
Cooch Behar†	145	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jalpaiguri	271	1,000·3	—0·4	996·5	83·0	—1·6	95	IX	66·8	+0·4	47	II, XII	71·3	79·3	68·0	71·5	22·7	—0·8	23·5	84	+2	67
ORISSA.																						
Balasore	65	1,006·7	—0·3	1,003·5	88·9	+0·2	106	VI	71·1	+0·4	50	II	79·4	81·1	72·7	74·4	25·4	+0·1	26·6	71	—3	72
Chandbali*	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puri	20	1,008·6	0	1,005·3	86·2	+0·1	103	VI	75·4	+0·6	60	I, II, XII	80·1	81·8	75·0	76·3	28·0	+0·1	28·6	78	0	76
Gopalpur	56	1,007·3	—0·1	1,004·1	86·9	+0·5	104	V	73·7	+0·4	57	II, XII	79·3	81·4	74·6	76·8	27·7	+0·7	29·7	79	+2	80
Cuttack	87	1,005·8	—0·8	1,002·2	90·7	—0·2	107	VI	..	..	53	XII	77·9	84·6	72·7	73·7	25·7	—0·1	24·1	76	0	59
Angul	455	993·6	+0·1	989·8	90·3	+0·1	110	IV, V	70·3	+0·4	50	II	76·5	84·8	70·1	71·8	23·2	—0·3	21·3	72	0	53
Sambalpur	486	992·4	—0·2	988·4	91·2	+0·6	113	IV	68·5	—1·1	46	I, II, XII	76·5	86·2	70·1	71·9	23·0	+0·8	20·8	72	+4	51
CHOTA NAGPUR.																						
Jamshedpur	423	994·2	—0·3	990·3	88·9	—1·3	107	IV	68·9	+0·4	45	XII	75·6	83·3	69·3	71·5	22·7	+0·7	21·7	72	+2	56
Chaibasa	742	983·3	—0·1	979·5	89·7	0	109	IV	68·7	+0·3	47	I, II	75·1	83·9	68·9	71·7	22·3	+0·1	21·5	72	+1	55
Ranchi	2,150	935·8	—0·4	933·1	84·8	+0·7	104	IV, V	63·0	—2·3	42	XI, XII	72·7	77·8	65·7	67·0	19·6	+1·8	18·9	68	+7	58
Hazaribagh	2,006	940·6	—0·5	937·8	83·7	—0·9	105	V	64·3	—1·1	40	I	73·0	76·8	65·3	66·2	19·1	+1·6	18·6	66	+5	58
Daltonganj	725	983·7	—0·5	979·9	89·0	—0·4	110	V, VI	66·2	+0·7	40	XII	75·6	82·7	68·2	70·9	21·4	+1·8	21·2	68	0	57
Dhanbad	839	979·9	..	..	87·2	..	106	V	67·3	..	46	I	76·4	..	69·0	..	21·9	..	..	66	.	

* Data not available for complete year, hence no annual means.

† Converted to class II from May 1949, hence data other than rainfall not available.

7·30 hrs. I. S. T. (12·00 hrs. G. M. T.) for the year 1949.

Cloud amount (Oktas).			Rainfall, inches				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :— 8-30 hrs. I. S. T.									17-30 hrs. I. S. T.									STATION.
Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 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.
5·7	+0·8	5·9	137·37	+14·04	5·22	V	147	—3·1	8·6	—0·9	22	99	35	16	15	104	50	9	15	13	96	44	9	11	91	61	7	33	Port Blair.
																													ASSAM.
5·5	+0·7	4·7	115·88	+5·97	4·11	IX	151	+15·9	1·2	+0·2	63	64	97	8	18	2	12	39	62	10	40	29	5	6	7	6	4	258	Dibrugarh.
6·0	—0·2	4·9	93·24	—4·86	3·63	V	142	+13·7	..	..	51	94	41	23	24	40	4	18	69	84	74	24	9	22	16	3	34	99	Sibsagar.
4·5	+0·3	3·5	96·88	+24·26	4·30	VIII	119	+14·0	1·8	—0·3	2	57	206	32	12	7	9	0	40	2	34	91	20	5	11	13	3	186	Tezpur.
4·2	+0·1	4·2	76·29	+12·83	5·27	IX	97	+7·7	2·3	+0·9	61	94	43	29	18	24	22	32	42	12	57	34	26	19	36	21	10	150	Gauhati.
3·8	+0·2	3·4	117·74	+19·84	7·58	VI	104	+8·5	3·9	—0·2	19	93	120	35	21	19	4	2	52	15	51	35	24	36	64	20	9	111	Dhubri.
4·7	+0·6	4·0	116·25	—13·45	5·22	IV	154	+17·0	1·0	—0·5	9	47	49	39	10	7	7	6	191	2	7	4	3	7	19	13	12	298	Silchar.
																													WEST BENGAL.
3·8	..	3·7	75·30	..	8·66	V	89	..	6·1	..	46	20	16	41	82	54	11	38	57	29	5	13	38	102	44	11	66	57	Dum Dum.
3·5	—0·3	3·7	65·02	+2·04	5·70	V	87	+2·7	2·3	—0·9	31	14	23	19	60	78	16	27	97	18	2	9	24	76	55	11	37	133	Calcutta.
3·5	—0·8	3·4	68·74	—0·06	5·00	VII	80	+0·9	12·2	+3·0	67	43	17	20	68	106	15	20	9	40	14	2	44	137	98	7	16	7	Saugor Island.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Sandheads.*
3·0	—0·1	3·6	97·63	+38·92	5·95	VI	89	+9·3	3·6	+1·3	71	31	20	17	67	64	15	3	77	38	26	9	20	111	43	9	13	96	Midnapore.
3·0	..	3·1	55·92	..	6·65	V	82	..	6·8	..	87‖	12	9	15	123	40	16	21	41	31	0	5	11	251	17	1	4	43‡	Contai.
3·0	—0·7	3·2	62·32	+2·70	3·54	VII	83	+5·8	4·0	+2·0	40	18	42	23	42	77	27	47	49	28	25	42	35	58	44	29	48	56	Burdwan.
3·9	+0·4	3·9	55·62	—1·74	2·54	VII	91	+12·7	..	..	12	6	12	30	115	22	45	8	115	2	4	16	48	78	10	13	7	187	Krishnagar.
3·1	—0·4	3·7	53·31	—3·01	2·48	VI	80	+4·1	4·1	—0·1	10	6	41	45	37	26	58	65	77	8	10	23	62	23	10	19	67	143	Asansol.
3·8	+0·1	4·0	54·79	+0·19	2·70	V	81	+4·6	2·4	+0·1	16	3	62	22	114	12	17	12	107	14	2	56	36	77	20	8	11	141	Berhampore.
3·6	+0·9	3·5	53·22	—3·41	4·31	VI	83	+13·8	3·7	—0·2	36	33	72	42	48	32	28	41	33	22	16	66	52	32	15	28	50	84	Malda.
..	..	..	141·52	—3·55	10·79	X	115	+3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Cooch Behar.†
4·0	+1·1	3·9	143·41	+14·78	5·62	VII	121	+13·1	3·7	+2·1	76	97	117	9	6	2	2	7	49	14	42	81	33	30	19	27	5	114	Jalpaiguri.
																													ORISSA.
4·3	+0·9	4·2	60·14	—1·86	6·00	X	69	—7·8	4·6	+1·3	76	29	11	14	62	89	7	30	47	1	2	2	68	99	47	3	2	140‖	Balasore.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Chandbali.*
3·7	+0·3	4·1	52·54	—1·12	6·40	X	60	—2·1	11·8	+2·6	82	38	2	17	24	139	32	29	2	11	22	5	55	96	160	12	4	0	Puri.
3·4	+0·7	4·1	37·15	—8·35	7·61	X	44	—11·3	10·2	+1·8	102	8	1	5	48	102	12	39	48	7	6	21	57	103	140	8	8	15	Gopalpur.
3·3	—0·4	3·9	43·20	—16·77	2·75	VI	75	+0·5	3·5	+1·4	5	9	4	2	19	22	12	5	287	2	7	7	6	58	38	9	6	232	Cuttack.
3·5	—0·2	3·8	§45·47	..	..	..	..	..	4·8	+0·7	30	24	21	27	25	35	115	68	20	63	30	33	50	43	35	56	43	12	Angul.
3·3	+0·1	3·8	68·60	+2·84	5·26	VI	79	+5·1	3·7	+0·9	38	55	30	11	48	80	29	9	65	22	23	12	17	46	72	45	55	73	Sambalpur.
																													CHOTA NAGPUR.
3·1	—0·4	4·0	62·20	+8·69	6·30	VI	82	+5·6	3·7	+0·8	1	6	42	13	4	46	137	51	65	13	18	64	38	8	32	55	42	95	Jamshedpur.
4·1	+0·8	4·7	45·20	—6·46	6·40	VII	75	+1·1	1·9	0	4	27	5	10	15	163	12	8	121	12	32	6	20	16	85	18	27	149	Chaibasa.
2·5	—0·8	3·0	63·79	+5·68	3·94	VII	75	—6·4	3·2	—0·9	17	4	16	5	69	24	17	15	198	21	5	14	12	23	15	9	16	250	Ranchi.
3·5	+0·1	3·9	52·25	—0·79	2·62	VI	83	+8·2	5·3	—0·4	18	5	20	29	38	62	59	76	58	43	14	29	30	30	20	23	142	34	Hazaribagh.
2·4	+0·1	3·4	48·55	+1·90	3·79	VIII	61	—1·0	3·1	+0·2	4	14	66	49	14	10	75	22	111	26	30	53	23	10	8	83	71	61	Daltonganj.
..	..	..	52·15	..	2·80	IX	68	..	4·3	..	7	14	66	30	15	80	59	21	73	..	..	..	..	..	..	..	..	..	Dhanbad.

‡ Total for 363 days. § Total for 356 days. ‖ Total for 364 days.

Table II.—Abstract of observations recorded at 8·30 hrs. I. S. T. (03·00 hrs. G. M. T.) a

STATION.	Height of bar, cistern above mean sea level in feet.	Pressure at station level in millibars.			Maximum temperature, °F.				Minimum tempearture, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity %.	
		Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean 8-30 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
BIHAR.																					
Purnea	124	1,004·8	—0·5	1,001·0	85·9	—0·8	101	III	66·2	+0·1	40	XII	74·2	79·6	69·7	72·5	23·8	+0·5	25·0	79	+1
Saharsa	156	1,003·1	..	999·7	85·1	..	99	III	67·5	..	42	XII	75·3	80·7	70·2	72·3	24·2	..	24·1	76	..
Darbhanga	161	1,003·5	—0·2	999·7	86·3	—0·6	101	III	67·7	+0·5	44	XII	75·0	81·7	70·1	73·3	24·2	+1·3	25·1	78	+5
Motihari	218	1,001·3	—0·3	997·5	85·9	—0·8	101	V, VI	65·5	+0·3	41	XII	75·2	79·9	69·6	72·3	23·2	+0·4	24·6	75	+3
Patna	173	1,002·5	—0·6	998·9	87·0	—0·6	105	VI	69·0	+0·1	45	XII	76·1	81·9	69·5	71·0	22·9	+0·7	23·0	70	+3
Dehri	352	995·8	..	992·2	89·4	..	113	VI	69·6	..	..	..	75·8	84·2	69·1	71·3	22·2	..	21·3	70	..
Gaya	365	995·4	—0·8	991·9	89·4	+0·4	114	VI	68·2	+0·8	43	I, XII	76·3	83·9	68·6	70·8	21·7	+2·6	20·7	67	+9
Naya Dumka	489	991·9	—0·5	988·4	88·3	+0·4	107	VI	..	..	43	I	76·7	82·1	69·4	71·2	22·2	+0·1	22·0	67	0
Sabour	122	1,004·3	—0·5	1,000·6	86·8	—0·7	103	III	66·3	+0·2	40	XII	75·3	80·4	70·3	72·8	24·3	+1·6	25·3	76	+3
U. P., EAST.																					
Gonda	360	996·0	..	992·5	87·6	—1·1	112	VI	66·7	+1·1	41	XII	73·1	82·5	67·3	70·8	21·7	+1·4	21·4	74	+5
Gorakhpur	254	999·3	—0·7	995·6	87·3	—0·6	109	VI	68·3	+1·6	45	XII	74·8	83·3	68·5	71·5	22·1	+0·4	22·2	72	+1
Banaras	250	999·3	—0·9	995·8	89·4	—0·2	113	VI	68·0	+1·2	40	XII	75·3	85·5	68·4	71·0	21·9	+1·1	20·2	70	+4
Allahabad (Bamrauli)	322	996·8	—1·0	993·5	90·1	0	113	VI	68·5	+2·1	42	XII	75·4	86·2	67·5	70·4	20·4	+0·8	19·1	67	+3
Fatehpur	375	995·2	..	991·8	88·3	—2·1	111	V, VI	67·9	+1·6	39	I	74·6	85·8	67·6	71·3	21·3	+0·9	20·9	67	+2
Kanpur	413	993·8	—0·5	990·5	90·0	+1·0	114	VI	67·9	+1·9	39	I	74·6	85·7	66·6	70·4	20·2	+1·2	19·8	66	+1
Lucknow	371	995·5	—0·4	992·3	89·4	—0·3	113	VI	67·4	+1·4	41	XII	73·7	84·0	67·0	71·4	21·1	+1·3	21·5	72	+6
Bahraich	407	994·5	0	991·1	87·4	—0·9	113	VI	66·6	+0·8	40	I	73·7	83·7	..	..	..	..	..	..	..
U. P., WEST.																					
Jhansi	823	980·1	—0·9	976·9	92·7	+1·5	115	V	68·2	+1·3	40	I	75·8	88·6	66·6	72·2	19·6	+2·2	20·3	63	+8
Agra	553	989·2	—0·5	985·7	90·7	+0·7	113	V	67·0	+1·9	37	I	73·9	87·6	63·7	68·3	17·0	+0·7	15·5	60	+5
Mainpuri	516	990·1	—0·7	986·6	90·9	+0·3	114	V, VI	66·6	+1·4	39	I	74·4	86·1	66·1	70·8	19·5	+1·3	19·6	65	+3
Aligarh	615	986·9	..	983·7	89·8	+1·0	112	V	65·2	—0·3	37	I, XII	73·1	86·4	64·2	68·9	18·3	+1·4	17·5	62	+5
Bareilly	568	988·2	+0·3	984·9	88·4	+0·8	111	VI	66·6	+1·6	41	XII	73·9	83·9	66·2	69·2	19·7	—0·1	18·5	67	—3
Meerut	728	982·8	..	..	88·7	..	111	VI	64·4	..	36	XII	70·9	..	63·3	..	18·2	..	..	66	..
Roorkee	899	976·8	—1·0	973·6	86·8	+0·6	111	VI	62·9	+0·7	34	XII	69·5	82·9	63·0	67·8	18·4	+0·9	17·3	71	+2
Dehra Dun	2,239	932·3	—0·6	930·0	82·7	+1·2	106	VI	60·8	+0·5	36	II	68·9	77·9	61·1	65·6	16·4	+0·6	17·3	66	—2
EAST PUNJAB.																					
New Delhi	714	983·2	—1·0	980·0	89·6	+0·8	111	V	66·1	+1·6	37	I	72·4	85·9	62·4	67·3	16·2	—0·5	15·3	55	—3
Hissar	725	983·3	—0·2	980·3	92·0	+1·3	117	V	63·0	—0·4	26	I	69·2	87·3	61·3	68·5	16·8	+0·6	16·2	63	+6
Patiala	822	979·3	..	976·4	88·8	..	111	V, VI	63·1	..	36	I, XII	71·0	83·2	63·4	68·4	18·1	..	18·1	66	..
Ambala*	892	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ludhiana	812	979·8	—0·7	977·3	90·7	+2·6	114	VI	63·3	—0·3	34	XII	70·7	86·5	62·1	68·3	17·0	+0·5	16·3	63	—1
Amritsar	769	981·6	..	979·2	88·0	..	112	VI	60·6	..	30	XII	68·9	83·8	61·7	67·5	17·4	..	16·7	69	..
KASHMIR.†																					
Srinagar	5,205	841·6	—0·1	839·0	66·6	—1·2	95	VII	44·7	+0·8	20	II, XII	51·1	62·2	47·4	52·3	11·1	—0·3	10·8	79	—5
Gulmarg	8,709	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dras	10,059	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Leh	11,529	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Skardu	7,505	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gilgit	4,890	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Misgar	10,190	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

* Data not available for complete year, hence no annual means.

† Data for Kashmir stations except Srinagar not available, hence no annual means.

·30 hrs. I. S. T. (12·00 hrs. G. M. T.) for the year 1949—*contd.*

Cloud amount. (Oktas.)			Rainfall. inches.				Number of rainy days (0·10″ or more).		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :— 8-30 hrs. I. S. T.									17-30 hrs. I. S. T.									STATION.
I.S.T.	Departure from normal.	Mean 17·30 hrs. I.S.T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													BIHAR.
3·5	+0·5	3·0	79·87	+19·90	4·86	VII	91	+20·2	3·0	+0·8	5	39	128	38	12	51	36	7	49	0	15	66	13	0	12	26	2	231	Purnea.
3·4	..	3·0	55·14	..	3·90	X	68	..	3·5	..	4	63	128	13	7	65	30	9	46	1	20	89	13	7	14	26	4	191	Saharsa.
3·2	+0·4	2·7	76·46	+26·65	7·35	X	73	+15·6	3·1	+0·5	9	79	103	21	10	10	70	7	56	1	29	92	39	5	10	34	8	147	Darbhanga.
3·0	+0·6	2·6	55·17	+1·72	5·28	IX	71	+13·4	2·8	—0·2	5	5	160	9	1	3	28	8	146	0	0	72	3	2	1	29	2	256	Motihari.
2·9	0	2·9	68·62	+21·93	5·30	VIII	66	+10·4	4·4	+1·1	3	74	77	20	20	91	31	11	38	4	79	55	15	6	18	66	39	82	Patna.
2·7	..	3·4	40·56	—2·35	4·73	VIII	56	+1·5	3·8	..	9	33	25	43	33	145	13	38	26	38	63	27	17	5	14	4	128	69	Dehri.
2·6	+0·1	3·2	40·50	—6·23	4·47	VII	55	—3·9	5·4	+0·9	7	18	54	50	99	74	26	10	27	49	47	42	17	11	14	74	91	20	Gaya.
2·1	—0·7	3·1	68·62	+10·82	3·92	VII	82	+4·4	3·1	+1·2	20	27	48	73	13	60	58	47	19	28	23	44	65	27	54	62	36	26	Naya Dumka.
3·4	—0·1	3·5	54·57	+11·30	3·53	VI	75	+15·0	4·6	+0·1	8	19	100	50	31	63	59	13	22	24	19	81	40	15	8	40	78	60	Sabour.
																													U. P., EAST.
2·4	—0·4	2·5	49·97	—2·09	3·19	X	60	+4·4	3·6	+0·1	6	7	165	7	0	3	67	14	86	1	4	89	0	2	1	38	28	202	Gonda.
2·5	+0·3	2·2	63·46	+13·30	6·50	VII	62	+5·1	2·9	+1·0	13	44	126	18	6	6	88	5	59	8	13	96	19	7	7	96	8	111	Gorakhpur.
2·5	—0·2	2·7	56·29	+15·32	4·50	IX	55	+2·0	..	..	12	27	75	16	4	116	68	7	20	54	38	29	8	5	21	135	72	3	Banaras.
2·8	—0·1	2·9	39·61	—2·21	2·87	X	56	+2·9	3·5	0	7	22	59	18	22	62	78	10	87	40	31	28	6	5	10	88	47	110	Allahabad (Bamrauli).
2·3	—0·2	2·4	30·37	—4·46	2·77	VIII	53	—0·5	3·4	+0·5	6	15	59	23	7	29	61	55	110	6	16	24	3	2	2	37	81	193†	Fathepur.
2·5	+0·8	2·7	39·59	+3·68	4·45	VIII	46	+0·3	6·1	+0·9	19	30	51	24	2	45	89	22	73	34	42	25	12	6	30*	75	68	73	Kanpur.
2·2	—0·2	2·4	48·85	+8·83	4·88	X	48	—1·2	..	..	28	12	104	4	29	21	64	21	63*	12	18	55	4	14	26	59	30	129§	Lucknow.
2·3	+0·3	2·5	49·94	+4·28	5·26	X	52	+4·0	4·0	+1·8	6	16	91	72	1	8	25	31	115	1	10	39	27	0	15	38	27	208	Bahraich.
																													U. P., WEST.
2·1	0	2·4	26·08	—10·79	1·82	VII	47	+0·4	4·0	+0·9	11	11	21	7	10	40	74	29	162	36	20	11	1	2	12	92	35	156	Jhansi.
1·9	—0·4	2·3	39·09	+12·35	4·80	VIII	40	+2·6	2·5	—0·0	11	18	19	6	21	19	51	22	197†	32	24	7	2	9	12	41	51	185	Agra.
2·5	0	2·5	43·27	+15·29	10·09	VIII	32	—6·4	2·6	+0·7	4	5	41	36	1	31	73	44	120	1	3	14	36	3	21	64	73	150	Mainpuri.
2·5	+0·5	3·0	34·46	+3·61	4·85	VII	34	—4·8	4·9	+0·9	15	3	57	26	8	8	80	42	126	21	3	51	11	5	4	42	113	115	Aligarh.
2·8	+0·2	3·2	50·61	+7·96	5·23	VIII	52	+5·3	3·3	+1·4	22	9	87	56	13	16	68	35	59	21	7	46	13	4	11	109	33	121	Bareilly.
1·6	..	..	25·90	—6·01	2·91	VII	35	—5·1	4·8	..	15	9	46	45	16	0	46	93	95	..	..	..	..	..	..	..	..	..	Meerut.
2·1	—0·3	2·2	52·34	+11·02	4·86	VIII	53	+5·2	2·9	+0·8	0	12	0	131	0	9	0	69	144	0	5	0	63	0	7	0	131	159	Roorkee.
2·9	—0·3	3·2	82·03	—3·01	8·58	VIII	75	—6·0	2·1	+0·2	22	38	8	33	9	48	27	31	149	4	17	2	16	15	97	57	33	124	Dehra Dun.
																													EAST PUNJAB.
2·3	0	3·0	29·37	+3·13	5·47	VII	42	—5·9	7·1	..	12	16	44	41	8	25	116	64	39	53	31	39	28	3	12	33	128	33	New Delhi.
1·3	—0·4	1·3	14·83	—1·93	3·63	VII	23	—2·7	4·6	+0·4	15	21	20	42	35	82	65	36	49	51	36	18	18	17	36	51	96	42	Hissar.
1·6	..	4·0	43·56	..	9·37	VII	35	..	5·2	..	55	8	47	86	5	4	22	71	67	89	15	27	53	8	5	30	92	46	Patiala.
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Ambala.*
3·1	—0·1	2·0	22·22	—4·99	3·09	VII	34	—1·5	2·7	+1·1	3	18	46	52	17	14	47	49	119	6	32	10	36	6	15	24	101	135	Ludhiana.
2·5	..	2·5	23·74	..	2·85	VII	32	..	..	..	43	30	51	53	21	10	17	31	107	47	15	28	39	10	12	29	141	44	Amritsar.
																													KASHMIR.
·0	+0·2	4·3	20·22	—5·77	2·45	II	58	+0·7	2·4	0	16	7	19	107	30	8	23	35	120	30	23	9	34	14	14	53	84	104	Srinagar.
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Gulmarg.
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Dras.
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	.	..	..	..	..	..	..	..	..	..	..	Leh.
.	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Skardu.
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Gilgit.
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Misgar.

* Total for 346 days. † Total for 364 days. ‡ Total for 363 days. § Total for 347 days.

Table II.—Abstract of observations recorded at 8·30 hrs. I. S. T. (03·00 hrs. G. M. T.)

STATION.	Height of bar, cistern above mean sea level in feet.	Pressure at station level, in millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity	
		Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Departure from
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RAJPUTANA, WEST.																					
Sri Ganganagar	580	..	..	..	90·5	—0·3	115	V	62·2	+0·6	30	I	70·7	86·0	61·5	67·1	16·2	+1·0	15·3	60	-
Bikaner	734	982·7	—0·6	979·7	92·7	+0·1	117	V	64·9	—0·3	29	I	71·6	90·3	62·7	72·3	17·2	+2·3	19·6	61	-
Phalodi	783	981·4	..	979·0	92·8	..	116	V	66·0	..	29	I	71·5	90·4	64·0	74·1	19·0	..	22·2	64	.
Jaisalmer	793	980·5	..	977·5	93·3	..	116	V	66·1	..	24	I	72·1	90·5	..	..	..	..	..	..	-
Jodhpur	736	983·3	+0·8	979·7	93·6	+1·9	116	V	68·7	+2·1	32	I	73·7	91·2	62·7	68·8	16·1	+0·7	14·3	51	-
Barmer	638	986·4	—0·3	983·2	94·8	+2·4	118	V	70·0	+1·6	30	I	74·1	92·3	65·4	72·3	19·0	+0·4	18·8	59	-
RAJPUTANA, EAST.																					
Sikar	1,419	959·7	..	956·8	91·6	..	115	V	63·9	..	29	I	72·2	86·8	61·4	67·0	15·1	..	15·1	53	.
Jaipur	1,431	959·8	—0·9	956·8	90·9	+1·0	115	V	65·6	+1·0	34	I	74·9	86·6	62·4	65·9	14·7	—0·6	13·1	47	-
Ajmer	1,593	954·5	—0·8	951·5	89·6	+1·4	112	V	66·2	+1·0	32	I	71·7	86·5	61·3	66·2	15·7	—0·2	14·6	55	-
Kotah	843	979·7	—0·6	976·2	93·2	+1·3	116	V	70·5	+1·1	44	I	76·2	89·4	64·5	68·6	16·7	+0·5	15·1	52	-
Jhalawar	1,053	972·2	—0·9	968·3	92·1	+1·9	115	V	66·7	+1·3	40	I	72·9	89·0	63·4	68·8	17·1	—0·4	16·0	59	
Rajsamand*	1,850	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Udaipur	1,910	944·5	..	941·6	89·2	..	110	V	64·8	..	36	I	72·5	85·2	63·0	68·1	17·2	..	18·1	59	
MADHYA BHARAT AND BHOPAL.																					
Neemuch	1,626	953·9	+0·6	951·1	90·5	+1·7	113	V	66·5	+1·9	39	I	72·7	86·8	62·5	66·2	16·5	—0·2	14·6	57	
Ratlam	1,576	..	..	..	89·3	..	110	V	66·9	..	43	I, II	72·2	86·4	64·6	72·3	18·7	..	21·5	68	
Indore§	1,839	947·0	—0·5	943·6	89·0	+0·3	110	V	64·2	+1·1	38	II	72·7	85·1	64·5	68·8	18·3	+0·1	17·9	66	
Bhopal	1,643	953·0	—0·5	949·9	89·9	+1·5	113	V	66·8	+1·5	43	II	74·4	85·4	64·1	66·5	17·2	+1·0	15·2	58	-
Guna	1,571	955·1	—0·7	952·2	90·5	+1·9	113	V	64·3	+1·3	32	I	71·9	86·2	62·7	68·2	17·3	+1·1	16·8	61	
Gwalior	681	984·7	..	981·4	91·5	..	114	V	66·2	..	35	I	76·6	86·7	64·4	68·1	16·5	..	15·1	51	
Madhosagar	757	982·1	..	978·8	91·8	..	114	IV, V	69·6	..	43	I	76·5	87·2	65·3	68·4	17·6	..	16·1	55	
VINDHYA PRADESH.																					
Nowgong	750	982·8	—0·5	979·2	91·0	+1·3	113	V	65·7	+0·4	37	I, XII	74·6	86·8	66·3	71·3	20·1	+1·8	20·1	66	
Sutna	1,041	972·1	—0·8	966·4	89·6	+1·2	110	V, VI	66·0	+0·1	39	I, XII	72·9	86·2	..	..	..	..	..	..	
Umaria	1,506	957·1	..	954·3	88·0	+0·2	110	V	64·4	+0·3	38	I, XII	73·3	83·8	64·8	69·0	18·3	+0·9	18·5	65	
BERAR.																					
Buldhana	2,133	937·4	..	934·6	87·4	..	107	V	69·0	..	49	II	72·8	84·1	64·1	68·0	17·4	..	17·0	62	
Akola	925	977·5	—0·7	973·5	93·0	—0·3	113	IV, V	68·5	+0·7	41	II	73·7	89·3	65·2	70·2	18·3	+1·2	16·9	63	
Amraoti	1,213	967·6	—0·6	963·8	91·1	—0·9	112	IV	70·1	+0·5	51	II	75·2	88·1	66·5	71·4	19·0	+1·8	19·5	62	
C. P., WEST.																					
Khandwa	1,044	973·3	0·8	969·7	92·3	0	112	V	67·7	+0·7	40	II	74·5	88·6	65·5	70·6	18·4	+1·5	18·0	61	
Hoshangabad	992	975·0	—1·0	971·1	90·9	+1·1	111	IV, V	67·7	0	45	II	73·5	87·4	64·9	70·3	18·1	+0·6	18·0	63	
Saugor	1,808	947·2	—0·4	942·4	87·9	0	110	V	68·3	+1·7	47	II	74·3	83·1	63·1	65·6	16·1	+0·8	15·2	55	-
Jubbulpur	1,289	964·8	—0·3	961·2	90·2	+1·9	111	V	65·4	+1·7	41	XII	73·4	85·3	65·0	69·8	18·3	+0·8	18·3	65	
Seoni	2,027	940·7	—0·2	937·5	85·8	—1·6	108	IV	65·5	+0·8	44	II	72·8	82·5	64·6	67·9	18·1	+1·6	17·7	65	
Betul	2,144	937·1	..	934·0	86·5	..	106	V	63·5	..	39	II	71·4	81·5	63·4	67·9	17·3	..	17·1	66	
Nagpur	1,010	974·5	—0·5	970·7	91·9	—0·1	113	IV, V	68·0	—0·5	45	II	75·9	87·4	66·9	71·1	19·1	+1·5	18·7	63	

* Observatory closed on 24-9-1949, hence no annual means.

§ Observatory shifted to Aerodrome site on 16-8-1949, data refer to the new site.

·30 hrs. I. S. T. (12·00 hrs. G. M. T.) for the year 1949—*contd.*

Cloud amount (Oktas).			Rainfall, inches.				Number of rainy days, (0·10″ or more).		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :— 8-30 hrs. I. S. T.									17-30 hrs. I. S. T.									STATION.
I.S.T.	Departure from normal.	Mean 17-30 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	
4	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
																													RAJPUTANA, WEST.
·9	—0·6	1·2	7·66	—2·55	1·43	IX	18	—0·5	..	..	22	17	43	31	34	78	22	20	98‡	42	19	30	8	14	46	36	82	87‡	Sri Ganganagar.
·2	—0·5	1·4	12·42	+0·95	3·00	VII	19	0	4·1	—0·6	0	44	5	48	3	147	3	21	94	6	74	0	17	0	144	4	87	33	Bikaner.
·6	..	1·9	15·17	+6·28	2·67	VII	16	+1·6	8·5	..	21	16	21	57	78	111	41	10†	4†	58	28	14	5	37	99	66	49	3†	Phalodi.
·3	..	1·5	3·21	..	1·06	IX	9	..	9·1	..	10	58	8	9	25	166	8	14	67	10	73	4	8	13	158	34	54	11	Jaisalmer.
·1	—0·5	2·3	9·01	—5·20	2·58	VII	14	—6·0	4·9	—3·0	7	118	21	4	9	92	60	9	45	32	49	13	6	10	108	75	39	33	Jodhpur.
·9	—0·4	1·9	13·54	+1·71	3·71	VIII	18	+1·6	5·9	+0·2	21	11	1	11	41	86	35	109	50	28	41	10	13	40	116	41	56	20	Barmer.
																													RAJPUTANA, EAST.
·1	..	2·7	12·11	..	3·65	VII	21	..	3·4	..	7	10	48	20	6	66	55	14	139	37	18	24	7	5	34	94	108	38	Sikar.
·9	—0·3	3·0	17·73	—6·29	2·03	VII	36	+0·4	4·4	+0·2	38	34	43	24	12	1	38	68	107	55	20	25	13	21	17	71	102	41	Jaipur.
·1	0	2·4	15·41	—5·36	1·45	VII	27	—2·8	4·7	+1·0	5	13	7	5	4	82	67	7	175	25	28	10	6	9	73	92	43	79	Ajmer.
·9	—0·3	3·0	33·22	+3·68	6·60	VII	40	+3·5	2·3	—0·2	2	3	1	1	4	47	85	11	214	12	10	2	1	0	29	59	39	213	Kotah.
·4	—0·1	3·1	27·60	—8·85	3·77	VI	42	—4·3	3·8	+0·6	18	7	3	8	6	40	86	34	163	32	70	12	8	6	33	102	49	53	Jhalwar.
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Rajsamand.*
·6	..	2·9	15·65	—8·86	1·77	VII	32	—1·6	3·0	..	12	8	5	6	25	43	48	38	180	13	22	15	17	15	118	57	36	72	Udaipur.
																													MADHYA BHARAT AND BHOPAL.
9	+0·3	3·6	16·02	—14·09	1·71	VII	32	—4·1	5·7	—0·2	22	74	16	15	5	71	89	24	49	20	92	11	11	3	79	93	34	22	Neemuch.
4	..	4·1	35·87	..	3·33	IX	39	..	5·9	..	40	58	31	11	17	64	116	21	7	28	43	29	8	6	67	131	52	0‡	Ratlam.
9	0	3·4	36·70	+1·98	4·08	VI	46	—0·7	6·7	—0·2	12	28	7	10	6	22	124	48	108	40	30	12	17	20	45	124	65	12	Indore.§
9	+0·1	3·3	39·22	—13·09	3·64	VII	52	..	4·8	+1·1	19	44	8	7	10	46	96	56	79	31	43	10	5	6	47	95	73	55	Bhopal.
7	+0·5	3·4	40·30	—9·06	2·84	VII	53	+0·1	4·9	+1·1	23	8	36	13	34	46	80	16	109	59	24	8	6	21	38	92	67	50	Guna.
5	..	3·1	25·03	..	4·73	VII	38	..	0·9	..	12	6	11	13	17	13	52	70	171	54	22	13	4	9	10	35	81	137	Gwalior.
5	..	3·1	25·08	..	2·40	VII	47	..	5·3	..	21	14	15	11	21	128	61	37	57	68	55	13	14	12	24	53	100	26	Madhosagar.
																													VINDHYA PRADESH.
3	—0·6	2·8	41·84	—0·27	3·46	IX	54	+4·9	3·1	+1·1	6	32	17	4	26	148	63	8	61	25	66	14	0	6	55	61	65	73	Nowgong.
5	—0·3	2·7	42·29	—3·11	3·49	VII	52	—4·2	3·8	+0·5	3	10	30	18	22	94	85	13	90	24	18	33	6	1	31	87	114	49	Sutna.
3	—0·1	3·7	52·09	—2·09	2·73	VII	77	+8·9	2·9	0	9	9	25	34	26	40	84	18	120	39	24	9	8	14	19	98	76	78	Umaria.
																													BERAR.
5	..	3·5	46·35	..	2·83	VII	66	..	6·1	..	20	7	4	28	44	90	51	111	10	69	68	5	1	13	30	54	122	3	Buldhana.
9	—0·1	3·4	42·35	+10·20	2·44	X	61	+15·9	4·8	+0·2	7	11	20	22	28	18	106	84	69	28	62	18	16	14	25	68	112	22	Akola.
4	+0·5	3·6	54·02	+20·50	3·19	X	73	+24·5	6·2	+1·4	0	161	0	3	0	91	0	110	0	1	80	0	40	0	102	2	140	0	Amraoti.
																													C. P., WEST.
9	+0·3	3·6	43·44	+12·71	5·95	VII	43	+0·9	5·5	+0·7	17	17	5	7	12	42	125	36	104	61	41	11	8	20	32	78	105	9	Khandwa.
7	+0·8	4·0	51·99	+1·93	3·55	VIII	54	—2·6	2·6	+0·1	8	34	48	27	23	84	44	11	86	16	26	15	14	16	56	62	25	135	Hoshangabad.
9	+0·3	3·6	50·29	+2·63	3·82	VIII	54	—4·4	..	..	14	48	29	23	18	59	113	20	41	37	46	11	4	6	38	104	67	52	Saugor.
9	+0·1	3·5	48·14	—9·41	3·38	VIII	76	+11·1	3·6	+1·4	3	14	6	109	33	72	46	7	75	46	43	6	18	14	61	54	51	72	Jubbulpore.
7	—0·1	3·4	72·53	+18·49	4·88	VIII	80	+9·6	3·4	+0·3	44	33	4	11	41	42	45	32	113	71	34	18	32	46	43	35	62	24	Seoni.
3	..	4·1	56·32	..	4·74	IX	76	..	3·5	..	8	11	60	55	11	28	98	45	49	56	47	28	8	10	24	84	82	26	Betul.
2	+0·1	3·7	55·24	+6·00	3·67	VII	64	+1·4	4·5	..	55	42	13	3	22	50	57	58	65	26	48	41	15	30	53	55	53	44	Nagpur.

† Total for 354 days. ‡ Total for 364 days. ‖ Total for 363 days.

Table II.—Abstract of observations recorded at 8·30 hrs. I. S. T. (03·00 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 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Departure from
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
C. P., East.																					
Gondia	1,026	974·0	..	970·4	90·0	..	112	V	68·7	..	47	II	74·7	86·5	67·8	71·8	20·2	..	20·2	71	.
Pendra	2,040	939·8	—0·4	936·8	85·9	+1·5	107	IV, V	65·7	+1·1	43	I	73·9	79·6	64·8	66·7	18·0	+0·7	17·8	63	+
Champa	805	981·4	..	977·4	91·1	..	113	IV	69·9	..	49	XII	74·8	87·5	68·1	71·9	21·4	..	20·1	70	.
Raipur	979	975·5	—0·3	971·8	90·1	—0·2	111	IV, V	69·9	+0·6	50	II	76·3	86·5	66·3	69·1	18·2	—1·0	16·9	59	—
Titilagarh	691	985·4	..	981·5	91·3	..	112	V	70·1	..	49	II, III	76·3	86·4	69·1	71·7	21·7	..	20·1	69	.
Kanker	1,318	964·2	—0·2	960·9	88·5	—0·2	108	V	67·5	+0·7	44	II	74·5	85·0	67·5	71·1	20·5	+0·5	20·1	69	+
Chanda	634	987·5	—0·3	983·3	91·1	—1·5	113	V	69·2	+0·4	46	XII	75·3	87·4	67·3	72·3	20·1	0	20·3	67	+
Jagdalpur	1,815	947·9	—0·3	944·4	87·4	—0·2	108	V	64·7	—0·1	43	II	71·5	82·4	66·4	69·2	20·6	—0·8	19·3	77	+
Gujarat.																					
Deesa	466	993·5	—0·1	989·5	91·9	—2·5	116	V	71·5	+4·7	44	II	77·1	89·6	67·7	70·9	19·8	+1·9	17·9	59	-
Surat	39	1,008·3	—0·4	1,005·0	92·7	+1·2	110	III	71·8	+1·4	48	II	76·1	87·0	70·1	75·0	23·4	+0·9	24·3	73	-
Ahmedabad	163	1,003·8	—0·7	1,000·0	94·7	+0·2	115	V	72·9	+2·2	47	I	75·9	91·8	67·2	71·6	20·1	+0·8	17·8	61	-
Dohad	1,093	972·0	..	968·5	91·7	+0·7	111	V	68·6	+1·5	46	II	73·3	88·0	65·3	70·1	18·8	—0·2	17·3	64	-
Baroda	115	1,005·4	..	1,001·6	95·5	+2·1	115	V	68·9	+2·7	39	II	74·1	91·6	68·4	74·1	22·3	+2·1	21·1	74	-
Saurashtra and Cutch.																					
Bhuj	343	997·4	—0·3	994·6	91·6	+0·5	108	IV, V	69·2	+1·1	37	I	73·6	88·6	..	..	..	..	..	..	
Dwarka	37	1,008·0	—0·8	1,005·7	85·0	+0·6	97	III	74·0	+1·0	49	I	76·6	81·7	71·5	73·5	24·8	+0·3	25·0	77	
Jamnagar	60	1,008·3	+0·5	..	89·6	+0·2	107	V	68·7	+0·7	42	I	75·4	..	69·9	..	23·7	+1·2	..	75	
Rajkot	432	994·2	—0·7	991·0	94·3	+1·4	112	IV	68·5	+2·1	38	I	73·1	90·3	67·5	72·2	21·7	+1·9	19·0	71	
Veraval	26	1,008·2	—1·1	1,005·7	87·2	..	104	IV	70·6	..	47	II	75·9	82·5	69·7	75·9	23·1	..	27·7	73	
Bhavnagar	55	1,007·5	—0·7	1,003·3	94·8	+1·3	113	V	70·1	+1·1	43	II	74·5	91·3	66·0	72·5	19·3	—0·4	19·1	61	
Konkan.																					
Dahanu	15	1,008·8	..	1,006·5	86·4	..	100	II	72·1	..	53	II	76·7	83·1	72·3	77·8	25·7	..	29·9	80	
Bombay	35	1,008·3	—0·9	1,005·7	87·9	+1·1	101	II	74·5	+0·7	59	II	79·3	83·1	73·9	76·0	26·3	+0·6	27·6	77	
Alibag	23	1,009·5	—0·1	..	85·4	—0·4	97	II	72·8	+0·2	55	II	77·3	..	73·1	..	26·3	+1·7	..	81	
Harnai	66	1,007·4	..	1,005·3	84·8	..	97	IV	76·0	..	62	II	79·9	82·2	74·1	76·7	26·1	..	28·8	75	
Devgad	117	1,006·0	..	1,003·3	86·9	..	95	V	75·3	..	61	XII	78·3	83·5	73·4	76·6	25·8	..	28·0	79	
Vengurla	29	1,009·1	..	1,006·4	88·9	..	97	III, V	71·9	..	59	XI, XII	76·4	83·7	72·7	76·1	26·0	..	27·3	82	
Marmagao	202	1,003·2	—0·5	1,000·4	85·7	+0·9	94	XI	..	..	..	..	79·1	82·5	73·7	75·4	26·0	+0·1	27·0	76	
Honavar	85	1,008·3	..	1,005·4	87·9	..	99	XII	72·9	..	62	XI	77·7	83·5	73·0	76·1	25·8	..	28·0	79	
Bombay, Deccan.																					
Jalgaon	660	986·5	..	982·8	94·9	..	115	IV	67·9	..	40	II	73·8	90·9	65·4	72·1	18·7	..	18·7	64	
Malegaon	1,432	961·1	—0·3	956·9	92·7	+0·5	111	V	66·3	+1·1	38	II	76·9	87·3	65·9	69·3	17·5	+0·3	16·5	55	
Ahmednagar	2,154	937·0	—0·8	933·5	90·7	+2·0	109	IV	65·3	+1·1	43	II	72·3	86·8	63·6	67·9	17·1	+0·6	15·8	61	
Poona	1,834	947·9	—0·5	944·6	89·9	+0·5	108	IV	65·2	+0·8	40	II	70·8	84·6	64·8	68·6	18·9	+1·0	17·4	73	
Sholapur	1,570	956·7	—0·3	952·9	93·1	+0·4	110	IV	68·4	—0·1	51	II, XII	75·0	89·1	75·5	69·5	18·2	+1·0	16·8	60	
Miraj	1,817	948·4	—0·8	944·9	90·2	+1·6	107	IV	66·5	+0·5	48	XII	71·3	85·9	65·4	69·4	19·5	+0·1	17·9	73	
Kolhapur	1,885	946·6	..	943·3	87·9	..	106	IV	65·6	..	49	I, XII	70·6	83·5	65·2	68·7	19·5	..	18·3	74	
Bijapur	1,950	944·0	—0·6	940·8	90·3	—0·4	105	IV, V	67·7	—0·3	51	XI	74·4	87·3	66·2	69·5	19·1	+0·4	17·6	64	
Belgaum	2,562	924·6	—0·2	921·7	84·1	—0·6	98	IV	63·8	—0·3	49	XI	69·7	80·2	64·8	67·7	19·1	+0·7	18·3	77	
Gadag	2,181	938·4	—0·4	935·1	89·5	+0·9	103	III, IV, V	68·1	+0·2	56	XI, XII	74·0	84·8	67·8	71·4	21·0	+1·2	20·7	72	

nd 17·30 hrs. I. S. T. (12·00 hrs. G. M. T.) for the year 1949—*contd.*

Cloud amount, (Oktas).			Rainfall, inches.				Number of rainy days, (0·10″ or more).		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :— 8-30 hrs. I. S. T.									17-30 hrs. I. S. T.									STATION.
I.S.T.	Departure from normal.	Mean 17-30 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
																													C. P., East.
2·6	..	2·4	57·24	..	4·20	X	68	..	3·0	..	62	52	21	21	46	66	22	41	34	33	20	3	10	8	80	12	60	139	Gondia.
2·7	—0·2	3·8	52·22	—1·86	2·54	VII	81	+3·7	4·3	+0·8	64	18	13	9	83	33	37	58	50	93	22	8	9	70	45	27	83	8	Pendra.
3·3	..	3·6	58·95	..	3·10	VIII	85	..	4·6	..	82	21	32	18	13	48	54	61	36	64	19	10	10	22	55	87	62	36	Champa.
3·5	+0·5	3·8	56·65	+4·21	4·80	IX	69	+4·7	5·1	+0·1	42	28	12	18	35	87	62	27	54	47	23	10	12	22	60	64	48	79	Raipur.
2·8	..	3·2	59·95	..	5·86	VII	75	..	2·8	..	7	9	3	36	99	74	21	4	112	33	38	22	16	40	57	33	26	100	Titilagarh.
3·6	—0·1	4·1	38·22	—19·91	2·07	VI	63	—8·9	3·2	—0·3	1	1	1	1	1	49	22	3	286	14	11	2	2	2	38	27	9	260	Kanker.
3·4	+0·5	3·9	63·06	+9·94	3·40	IX	78	+14·7	2·6	—0·4	0	14	1	18	3	75	5	74	175	11	18	8	38	5	58	5	70	152	Chanda.
3·6	+0·3	4·4	54·64	—8·62	3·14	VIII	91	+8·0	4·0	+1·4	0	34	2	13	2	146	4	28	136	2	79	0	71	5	109	13	62	24	Jagdalpur.
																													Gujarat.
2·1	—0·5	1·5	16·07	—8·07	2·04	IX	27	—1·3	..	..	18	83	8	21	52	68	75	18	22	32	67	14	15	23	96	90	10	18	Deesa.
3·4	+0·3	3·5	45·17	+3·48	4·28	VII	50	+2·4	5·2	+0·8	17	40	19	33	21	94	21	21	99	6	21	0	8	9	213	23	70	15	Surat.
2·7	+0·5	2·5	24·76	—4·45	5·53	VII	31	—5·0	4·1	+0·1	27	57	46	7	12	72	75	47	22	22	27	16	10	16	70	98	61	45	Ahmedabad.
3·0	—0·1	2·6	29·04	+0·89	3·15	IX	34	—6·2	9·9	+4·5	9	28	37	21	35	111	95	6	23	27	30	4	16	13	177	75	10	13	Dohad.
2·4	—0·9	2·4	26·55	—10·14	3·09	VII	40	+0·4	3·2	—0·4	16	21	9	4	33	82	42	11	147	20	10	5	6	18	90	69	37	110	Baroda.
																													Saurashtra and Cutch.
2·0	—0·4	1·9	20·98	+7·36	6·11	VIII	20	+4·2	6·7	—0·4	10	6	1	1	15	91	77	18	146	47	38	5	1	8	104	105	42	14*	Bhuj.
3·0	0	2·7	20·29	+6·36	5·25	VII	20	+4·2	11·3	+1·5	63	63	10	5	1	67	103	49	4	30	20	7	0	2	58	142	106	0	Dwarka.
2·8	+0·6	..	15·25	—3·31	5·20	VIII	23	+2·7	2·3	—7·4	1	8	5	0	0	33	37	0	281	..	..	..	..	..	..	..	..	..	Jamnagar.
2·5	—0·5	2·9	24·22	—0·58	3·13	VIII	27	—3·0	11·5	+4·3	28	27	17	13	24	90	82	39	45	53	36	14	6	9	58	105	81	3	Rajkot.
2·9	0	2·6	28·86	+9·02	5·32	VII	32	+7·2	12·2	..	70	71	1	6	2	33	90	65	27	3	6	1	7	30	72	188	56	2	Veraval.
2·2	—0·7	3·0	17·64	—4·45	2·89	VII	29	—0·8	5·3	+0·2	16	2	1	6	34	91	117	32	66	11	31	75	40	87	53	42	12	14	Bhavnagar.
																													Konkan.
4·0	..	3·2	96·23	..	8·83	VII	81	..	9·1	..	18	22	126	95	8	39	49	5	3	70	0	3	4	5	63	143	75	2	Dahanu.
3·4	0	3·1	108·51	+37·30	17·04	IX	85	+11·3	7·2	—0·4	23	57	65	32	24	60	42	17	45	36	7	4	5	23	73	93	119	5	Bombay.
3·6	—0·2	..	98·64	+16·82	15·60	IX	83	—0·8	6·5	—1·8	24	36	33	50	12	40	25	11	134	..	..	..	..	..	..	..	..	..	Alibag.
..	..	..	109·07	..	12·15	IX	101	..	9·0	..	39	62	82	48	7	43	33	49	2	0	2	6	25	10	77	113	131	1	Harnai.
1·2	..	3·9	90·80	..	5·28	VII	105	..	9·9	..	9	75	125	20	9	26	45	54	2	2	2	1	4	13	41	141	161	0	Devgad.
3·9	..	3·8	..	..	..	..	..	..	..	..	39	20	7	13	8	9	39	7	223	1	6	4	2	14	79	166	18	75	Vengurla.
3·8	—1·1	4·0	115·26	+14·51	8·53	VII	115	+16·2	8·3	+1·8	19	36	122	36	41	19	68	24	0	3	3	3	0	26	33	213	84	0	Marmagao.
1·3	..	4·5	122·97	—15·55	7·10	VII	123	+12·5	2·8	..	10	11	19	26	8	14	108	39	130	32	43	57	46	10	23	73	36	45	Honavar.
																													Bombay, Deccan.
2·8	..	2·9	44·52	+14·02	3·80	IX	49	+2·7	5·6	..	7	10	74	33	4	68	100	45	24	38	40	35	14	16	37	90	85	10	Jalgaon.
2·4	—0·3	3·2	30·96	+8·38	2·72	IX	47	+13·3	4·9	—1·0	4	3	0	1	1	59	4	17	276	10	63	8	2	7	43	75	61	96	Malegaon.
2·8	—0·5	3·1	21·07	—2·58	3·87	IX	31	—5·5	4·3	—1·8	13	7	2	5	9	54	30	77	168	35	60	15	11	4	55	45	67	73	Ahmednagar.
3·3	+0·3	3·5	20·89	—5·60	2·13	IX	44	—2·7	2·8	—3·5	2	0	6	2	3	36	111	25	180	14	4	43	6	0	31	126	81	60	Poona.
3·1	+0·1	4·0	36·28	+9·08	3·67	IX	47	+5·8	5·8	—1·2	14	50	24	38	3	108	9	35	84	11	82	33	24	7	102	10	19	77	Sholapur.
3·1	—0·6	3·9	24·40	—1·29	2·86	X	41	—5·2	7·6	+0·9	17	16	57	8	13	50	119	44	41	14	37	67	17	12	43	145	25	5	Miraj.
2·6	..	3·0	32·52	..	1·91	IX	66	..	7·7	..	0	18	42	7	8	33	136	12	109	5	42	48	7	1	17	207	25	13	Kolhapur.
2·7	—1·1	3·7	24·24	+4·05	5·66	IX	39	+6·1	5·4	+0·2	37	26	12	30	22	62	69	69	38	34	59	43	32	12	44	67	60	14	Bijapur.
2·9	—0·8	3·3	45·44	—5·49	3·14	V	89	+8·1	4·6	+0·6	17	19	119	3	9	104	80	8	6	12	16	100	0	4	127	102	4	0	Belgaum.
4·1	0	4·6	21·12	—3·30	3·19	V	36	—10·3	7·4	+0·4	9	36	48	22	13	80	93	30	34	14	55	53	14	7	62	79	27	54	Gadag.

* Total for 364 days.

Table II.—Abstract of observations recorded at 8·30 hrs. I. S. T. (03·00 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.			Relativ humidit %.	
		Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean 8-30 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
HYDERABAD, NORTH.																					
Aurangabad	1,905	945·6	—0·6	942·1	90·6	+0·2	109	V	67·2	+0·7	42	II	72·5	87·1	64·9	68·8	17·5	+1·3	16·7	65	+9
Parbhani	1,350	962·3	..	958·6	92·1	..	112	V	67·2	..	43	II	74·7	88·0	66·2	71·8	20·0	..	19·4	63	..
Bidar	2,178	935·9	..	932·4	87·9	—0·8	106	V	69·2	+0·7	56	II	73·7	84·6	65·9	68·6	19·0	—0·3	17·8	66	+1
Nizamabad	1,250	966·5	—0·8	962·7	91·1	—0·9	110	IV, V	..	..	..	..	74·5	87·3	66·7	70·5	19·3	—0·3	17·9	68	+2
Ramagundam	527	991·8	..	987·8	92·6	..	114	V	71·6	..	49	II	77·6	88·7	70·3	72·4	22·4	..	20·1	69	..
HYDERABAD, SOUTH.																					
Gulbarga*	1,503	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Raichur	1,311	965·4	—0·3	961·2	91·7	—0·8	107	V	71·9	+0·1	58	XI, XII	76·5	88·7	68·7	70·4	20·5	—0·3	17·3	66	+2
Hyderabad (Begumpet)	1,778	949·5	—0·2	946·1	90·6	+0·2	108	V	57·8	—0·6	49	II, XI, XII	74·4	85·8	67·6	70·2	20·6	—0·1	19·3	71	+2
Hanamkonda	881	979·3	—0·6	975·5	91·5	+0·3	111	V	71·2	—0·3	52	II	76·7	87·7	70·4	71·6	22·8	+0·7	19·4	71	+4
Khammameth*	367	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MYSORE.																					
Chitaldrug	2,405	929·6	—0·2	926·1	86·7	—0·7	101	IV	67·8	—0·1	56	XII	72·5	83·5	66·9	68·4	20·3	+0·6	17·6	75	+6
Hassan	3,149	906·0	..	903·2	82·8	—1·0	96	III, IV	63·4	0	52	XI, XII	67·8	78·3	64·8	67·6	19·8	+0·2	18·7	85	+9
Bangalore	3,021	910·0	—0·3	906·9	83·6	—0·4	96	III, IV, V	64·7	+0·7	54	I, XI, XII	69·3	79·5	64·8	65·3	19·3	—0·4	15·7	78	+1
Mysore	2,518	926·4	—0·3	923·1	85·2	—1·1	97	III, IV	66·1	—0·1	56	XI, XII	71·0	82·1	66·4	67·1	20·4	—0·2	16·5	78	+3
MALABAR.																					
Mangalore	72	1,008·4	—0·3	1,005·4	87·1	—0·2	96	III	74·2	—0·2	66	XI, XII	78·3	82·9	73·7	76·2	26·4	—0·3	27·9	80	+2
Calicut	27	1,009·9	—0·4	1,006·8	87·8	+0·9	94	V	74·4	—0·2	67	XI, XII	78·2	84·3	74·3	77·5	27·3	—0·3	29·2	83	0
Palghat	319	1,000·1	..	996·3	82·7	..	104	III	74·0	..	66	XI	78·1	85·5	73·4	74·9	26·0	..	24·6	79	..
Cochin	10	1,010·8	—0·4	1,007·5	85·9	+0·4	93	III	75·6	—0·1	68	I	80·2	82·9	74·9	76·7	27·2	—0·2	28·5	77	—2
Alleppey	12	1,010·6	..	1,007·5	87·7	..	98	III	75·0	..	66	XII	80.8	83·4	76·3	77·3	29·0	..	29·3	81	..
Trivandrum	211	1,003·8	—0·2	1,000·9	87·0	..	94	II, III, XII	74·2	..	67	I	78·2	82·4	74·4	75·9	27·3	0	27·6	83	+1
Nagercoil	195	1,003·9	..	1,000·9	89·7	..	101	III	75·5	..	69	I, II	80·4	83·5	73·6	74·9	25·2	..	25·8	72	..
MADRAS, SOUTH-EAST.																					
Pamban	37	1,009·1	—0·1	1,006·0	87·1	—0·6	93	IV, V	78·6	+0·9	69	IV	82·4	82·9	76·9	77·3	29·1	—0·4	29·5	77	—2
Madura	437	995·5	—0·2	991·5	92·7	+0·1	104	V	74·7	+0·5	64	I	81·1	87·9	73·1	74·1	24·1	—0·5	22·5	67	—2
Negapatam	31	1,009·4	—0·1	1,006·0	89·2	—0·8	105	IV	76·9	+0·3	67	I	81·6	84·4	75·1	76·8	26·9	—0·5	28·1	73	—1
Trichinopoly	295	1,000·5	—0·3	996·3	92·5	—1·2	105	V	74·5	+0·1	63	I	79·8	89·4	73·2	74·7	25·0	—0·6	22·8	72	—3
Coimbatore	1,341	965·0	—0·4	961·3	88·0	—0·5	101	III	70·7	+0·8	62	I	75·2	84·1	70·1	71·3	23·0	—1·2	20·4	76	—3
Salem	913	979·4	—0·4	974·9	92·6	—0·2	104	III, V	72·1	+0·5	61	I, XI	76·4	88·1	70·8	73·5	23·3	—1·4	21·3	75	0
Cuddalore	39	1,009·0	—0·2	1,005·3	89·3	—1·0	105	IV	74·7	—0·3	63	II, XII	80·3	84·7	74·4	76·2	26·6	—1·1	27·3	76	—1
Vellore	703	986·4	+0·2	982·3	91·6	—0·1	106	IV, V	72·0	—0·5	57	II	77·4	87·9	71·3	73·2	23·6	—0·9	21·4	73	—2
Madras	51	1,008·5	—0·1	1,005·0	90·8	—1·4	108	IV	74·7	—0·2	62	XII	80·3	84·6	74·3	75·5	26·3	—0·1	26·2	75	+2
Arogyavaram	2,299	933·3	..	929·9	86·0	..	100	IV, V	67·5	..	54	XII	73·4	82·6	66·5	67·4	19·5	..	17·6	70	..
MADRAS, DECCAN.																					
Cuddapah	428	995·7	—0·2	991·1	94·1	—1·2	111	V	74·9	+0·2	61	XI, XII	82·3	89·6	73·7	76·3	24·7	+0·5	25·2	66	0
Bellary	1,473	960·0	—0·4	956·0	91·0	—1·8	105	IV	71·5	—0·4	58	XII	76·2	88·0	68·1	70·4	20·0	+0·5	17·5	63	+2
Kurnool	923	978·6	—0·2	974·1	92·7	—1·0	109	V	70·6	—1·0	52	XII	77·7	89·6	69·5	71·5	21·2	0	18·3	66	+1
Reutichintala	348	997·9	..	993·5	92·9	—1·4	112	V	73·0	—1·1	55	II	79·0	91·3	71·8	73·3	23·7	0	20·0	70	+4
Anantapur	1,147	971·0	..	966·6	92·4	..	106	IV, V	70·7	..	54	I, XII	77·4	89·1	69·6	71·7	21·4	..	18·7	66	..

* Data not available for complete year, hence no annual means.

d 17·30 hrs. I. S. T. (12·00 hrs. G. M. T.) for the year 1949—*contd.*

Cloud amount, (Oktas).			Rainfall, inches.				Number of rainy days, (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :— 8-30 hrs. I. S. T.									17-30 hrs. I. S. T.									STATION.
I.S.T.	Departure from normal.	Mean 17-30 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	
4	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
																													HYDERABAD, NORTH.
3·9	+0·7	4·3	32·14	+3·85	2·82	IX	49	+4·2	7·1	—0·1	40	51	62	14	9	54	104	16	15	46	37	45	8	21	55	108	38	7	Aurangabad.
2·9	..	3·6	38·43	+5·97	2·85	XI	55	+7·8	..	..	4	116	20	4	4	0	192	5	20	50	103	16	9	23	6	147	4	7	Parbhani.
3·3	+0·2	4·1	63·23	+29·49	8·00	IX	54	+0·7	7·9	0	23	24	38	28	34	102	62	51	3	25	102	35	13	10	58	53	59	10	Bidar.
2·7	—0·8	3·2	46·50	+6·20	2·55	VI	64	+6·2	2·7	—0·7	4	9	4	16	8	74	32	21	197	53	73	13	12	5	41	31	28	109	Nizamabad.
3·4	..	3·7	39·96	..	3·08	X	61	..	3·6	..	39	16	6	53	30	21	62	35	103	51	67	34	50	26	20	60	20	37	Ramagundam.
																													HYDERABAD, SOUTH.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Gulbarga.*
3·3	+0·7	4·1	37·16	+11·62	5·15	IX	49	+6·1	8·2	+1·2	15	57	27	59	4	58	63	90	12	11	66	58	54	7	34	53	82	0	Raichur.
3·4	—0·1	3·9	23·96	—5·46	1·52	VIII	52	+1·7	6·3	+0·7	10	11	19	26	8	14	108	39	130	32	43	57	46	10	23	73	36	45	Hyderabad (Begumpet).
3·1	—1·4	3·4	44·95	+7·97	3·89	X	59	+5·2	5·3	+0·4	34	15	9	71	82	24	65	39	26	75	55	32	38	32	16	49	44	24	Hanamkonda.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Khammameth.*
																													MYSORE.
3·9	—0·2	4·2	17·32	—7·98	2·53	V	28	—17·8	6·4	+1·1	1	1	61	41	6	62	132	21	39†	4	18	110	23	3	39	104	41	22†	Chitaldrug.
4·5	+0·3	4·9	24·89	—10·11	2·42	VI	56	—11·3	6·5	+2·1	6	10	80	22	4	42	161	6	34	10	22	100	15	3	38	162	8	7	Hassan.
4·7	+0·2	4·9	42·14	+8·06	4·15	VII	69	+11·8	7·5	+1·9	3	39	61	28	7	72	105	23	27	17	69	73	30	8	39	75	40	14	Bangalore.
4·1	—0·3	4·9	28·41	—2·77	2·42	X	54	—2·1	6·9	+0·8	13	50	45	8	14	47	159	7	22	21	52	93	11	3	41	135	3	6	Mysore.
																													MALABAR.
4·5	+0·3	4·7	159·71	+30·12	6·74	V	133	+15·2	5·0	+0·2	21	26	200	45	7	17	17	19	13	21	2	2	2	16	53	108	159	2	Mangalore.
5·1	+0·7	5·4	138·48	+17·02	9·80	VII	125	+9·8	6·6	+1·3	32	128	122	12	3	13	17	26	12	7	7	8	2	5	47	163	124	2	Calicut.
4·0	..	4·5	74·05	..	4·24	VII	102	..	6·2	..	0	0	119	21	0	32	174	4	15	1	10	94	11	0	41	179	18	11	Palghat.
5·6	+1·4	5·7	128·91	+13·58	3·82	V	141	+10·9	6·1	+1·5	20	107	134	38	4	4	23	22	13	7	2	5	5	4	48	190	94	10	Cochin.
5·2	..	5·0	118·96	..	5·93	VII	144	..	6·0	..	24	54	110	51	6	10	28	56	26	15	6	4	4	3	32	160	140	1	Alleppey.
4·3	—0·3	5·2	57·02	—9·77	3·66	V	96	—1·3	4·9	+0·5	102	80	24	16	6	5	8	91	33	17	7	0	4	27	94	67	139	10	Trivandrum.
4·8	..	5·7	35·69	..	1·42	XI	77	..	8·5	..	14	107	13	0	0	3	118	92	18	3	66	15	11	10	43	165	51	1	Nagercoil.
																													MADRAS, SOUTH-EAST.
4·2	+1·1	4·0	39·45	+2·31	3·81	XI	43	—4·5	9·7	+1·1	57	46	18	51	8	71	14	27	0	52	78	11	75	110	35	2	1	1	Pamban.
4·7	+0·2	5·5	38·51	+4·14	3·42	VIII	54	+3·5	3·8	—0·1	75	34	17	2	2	7	63	83	82	25	66	61	29	13	16	64	24	67	Madura.
5·7	+1·4	4·9	26·39	—28·99	2·19	XI	48	—7·5	7·7	+1·5	8	33	12	15	14	95	97	75	16	5	111	32	68	73	56	11	8	1	Negapatam.
4·4	+0·7	4·9	38·25	+3·93	3·38	VIII	52	+5·2	9·2	+0·5	70	40	6	7	5	11	119	77	30	16	42	107	28	26	26	63	41	16	Trichinopoly.
3·5	—0·3	4·2	18·25	—4·98	1·83	X	39	—5·6	6·5	+2·8	56	78	23	6	85	96	12	4	5	37	67	39	14	81	100	23	3	1	Coimbatore.
3·8	+0·1	4·7	32·34	—6·14	2·75	X	59	—2·9	5·3	+1·6	2	38	107	1	45	88	49	0	35	4	22	130	14	36	41	51	4	63	Salem.
5·6	+1·6	4·3	29·57	—24·89	3·97	VII	44	—11·5	6·5	+2·1	45	20	3	9	25	150	33	62	18	2	100	32	160	15	44	1	5	6	Cuddalore.
8·6	+0·2	4·4	41·32	—0·98	2·57	VII	61	+4·2	3·9	+0·6	0	8	2	9	17	74	15	9	230	1	48	93	51	36	68	11	7	50	Vellore.
4·6	+0·6	4·3	38·21	—11·71	6·41	V	54	—3·4	10·8	0	9	35	4	22	39	72	101	83	0	10	92	26	201	5	6	19	6	0	Madras.
4·7	..	4·9	32·57	..	3·33	VII	49	..	5·2	..	16	11	11	27	24	25	84	46	91	41	87	70	21	6	23	55	47	15	Arogyavaram.
																													MADRAS, DECCAN.
3·2	—0·4	3·8	34·29	+4·03	2·91	IX	46	+0·2	4·5	—1·6	0	1	5	1	0	0	46	6	306	3	13	97	31	5	3	39	22	152	Cuddapah.
4·5	+1·0	4·5	19·17	—0·87	2·32	IX	31	—2·5	4·8	0	9	4	16	22	9	15	77	58	155	9	35	63	35	1	25	79	48	70	Bellary.
3·6	+0·3	4·1	41·94	+17·15	4·67	IX	46	+0·9	5·8	+0·3	6	10	10	32	19	52	93	45	98	25	34	49	67	12	22	59	58	39	Kurnool.
4·3	—0·6	4·8	32·86	+4·78	2·09	VIII	54	+4·1	4·8	—1·3	8	7	15	25	35	51	93	19	112	57	27	55	45	21	11	103	18	28	Rentichintala.
3·3	..	3·7	20·83	—3·43	3·05	VIII	32	—2·6	8·2	..	8	13	29	20	14	56	134	25	66	15	58	106	16	1	22	90	26	31	Anantapur.

† Total for 364 days.

Table II.—Abstract of observations recorded at 8·30 hrs. I. S. T. (03·00 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 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean.	Departure from normal.	Heighest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MADRAS COAST, NORTH.																						
Nellore	66	1,007·5	—0·4	1,004·0	92·9	—0·5	110	V	74·8	—0·7	63	II, XII	80·8	86·4	74·5	76·1	26·3	—0·3	26·3	74	+1	6
Ongole	38	1,008·3	..	1,004·5	91·5	..	109	V	75·0	..	61	V	80·7	86·4	74·3	76·0	26·1	..	26·1	73	..	6
Masulipatam	10	1,009·5	—0·3	1,005·9	88·9	—1·2	106	VI	75·2	+0·7	64	II, XII	80·5	84·2	75·9	77·1	28·7	+0·5	28·8	80	+2	7
Cocanada	26	1,008·9	..	1,005·3	88·7	—0·6	106	VI	74·7	—0·2	62	XII	81·0	84·9	75·3	76·4	27·6	+0·5	27·4	76	+1	6
Vizagapatam	126	1,005·0	—0·3	1,001·8	86·3	—0·6	98	VI	75·2	—0·3	61	I, XII	80·3	82·4	74·3	75·6	26·2	+0·1	27·4	74	+3	7
Calingapatam	19	1,008·5	—0·3	1,005·3	87·4	—0·9	99	III, VI	74·1	+0·2	58	XII	77·8	82·9	73·9	76·9	27·3	—0·2	29·1	82	+4	7
HILL STATIONS EXCLUDING KASHMIR.																						
Shillong	4,921	849·3	—0·3	846·8	69·2	—0·7	80	VII, IX	53·2	—0·3	28	II	63·3	62·7	57·6	58·8	14·5	0	15·9	70	+1	7
Cherrapunji	4,309	868·6	+0·1	866·1	67·6	—1·3	81	IX	56·5	—1·1	35	II	63·6	62·6	59·3	59·8	16·1	—0·1	17·0	78	+5	8
Aijal	3,599	..	..	..	74·1	..	85	IX	..	..	..	..	67·3	66·6	63·9	76·8	19·3	..	19·4	83	..	8
Darjelling	7,432	775·3	—0·7	773·1	59·2	+0·6	72	VIII	48·2	+0·3	26	II	53·8	52·3	51·8	51·2	13·0	+0·7	13·1	88	+8	9
Kalimpong	3,965	878·9	—0·1	876·3	69·5	—0·6	82	VIII	58·5	+0·2	40	II	61·9	64·3	60·0	61·9	17·5	+0·7	18·6	89	+11	8
Katmandu	4,388	866·6	..	863·5	77·5	—0·2	90	VI	55·6	+1·0	30	I	61·9	67·9	58·2	61·4	16·2	+1·4	16·9	81	+4	6
Gyantse	13,110	624·6	..	..	59·6	+2·7	83	VI	29·0	+2·0	—3	XII	44·6	..	36·5	..	5·5	—0·4	..	49	—5	..
Muktesar	7,592	771·0	—1·0	769·4	64·1	+1·1	83	VI	49·1	+0·8	24	II	54·0	58·0	47·0	50·9	9·1	0	10·7	59	+1	6
Mussooree*	6,940	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Simla	7,224	780·8	—0·2	780·1	63·5	+1·1	82	VI	50·2	+0·8	24	II	57·2	57·9	46·8	49·7	7·6	—1·0	9·8	47	—3	5
Abu	3,945	879·4	—0·2	877·7	78·0	+2·2	100	V	62·7	+0·8	35	I	68·0	74·7	57·2	60·2	13·3	+1·0	14·1	52	—3	4
Pachmarhi	3,528	893·1	0	890·3	80·8	+0·7	102	V	61·2	+0·4	36	II	69·5	77·2	61·0	63·9	15·4	0·1	15·7	64	+4	5
Mahabaleshwar	4,534	862·5	—0·2	860·5	75·6	+1·1	93	IV	62·4	+1·4	50	II	65·4	69·6	58·2	62·8	13·1	—0·8	16·6	63	—4	7
Mercara	3,781	885·1	—0·8	883·4	75·9	—0·2	90	III	61·8	+0·5	52	XI, XII	65·2	72·2	62·4	65·2	18·2	—0·2	18·3	86	+2	7
Ootacamund	7,364	780·0	—0·1	778·4	67·9	+1·9	78	III	49·0	0	30	XI	55·5	60·8	50·9	55·3	11·3	+0·1	13·0	74	+3	7
Coonoor	5,730	826·6	..	..	..	..	81	V	53·5	—1·1	38	XII	66·1	..	60·0	..	15·7	+2·2	..	72	+6	..
Kodaikanal	7,688	771·4	+0·4	769·8	64·8	+1·0	73	III, V	50·9	+0·2	41	I, II	56·6	57·5	50·4	53·9	10·3	—0·6	12·8	67	0	81
CEYLON.																						
Colombo	24	1,010·2	—0·3	1,007·3	86·4	—0·4	93	II	74·7	—0·4	61	II	72·0	82·1	75·4	76·3	28·4	+0·1	28·4	84	—1	76
Trincomalee	24	1,009·6	+0·5	1,006·7	87·5	—1·3	98	IX	76·6	+0·3	69	II	80·2	83·0	74·9	76·4	27·1	—0·7	28·3	77	—4	73
Hambantota	61	1,008·1	—0·5	1,005·3	85·9	—0·4	95	IX	75·1	+0·2	67	II	79·3	81·3	75·5	76·6	28·5	+0·9	29·1	83	—2	79
Mannar	12	1,010·2	..	1,007·1	86·6	..	93	III, IV	77·3	..	68	II	80·6	82·8	76·3	76·7	29·0	..	28·8	81	..	75

* Data not available for complete year, hence no annual means.

17·30 hrs. I. S. T. (12·00 hrs. G. M. T.) for the year 1949—*contd.*

...ud amount (Oktas).		Rainfall, inches.				Number of rainy days, (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :— 8-30 hrs. I. S. T.									17-30 hrs. I. S. T.									STATION.
Departure from normal.	Mean 17-30 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	
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 COAST NORTH.
—0·6	3·9	39·76	+0·85	6·08	V	32	—12·7	3·5	—0·8	19	1	1	6	57	4	56	37	184	3	22	122	85	7	5	32	12	76‡	Nellore.
..	3·8	48·57	..	9·16	IX	46	..	5·2	..	29	15	9	38	31	50	79	23	91	2	17	75	151	9	36	53	6	16	Ongole.
+0·5	3·7	64·80	+23·37	19·78	X	69	+13·6	6·4	+1·3	30	35	18	35	41	49	56	36	65	8	2	13	117	112	14	11	15	73	Masulipatam.
—0·9	3·0	57·67	+16·65	7·31	X	64	+8·2	6·3	+0·9	16	57	0	18	4	88	8	59	15	0	20	15	157	8	149	4	11	1	Cocanada.
—0·8	3·7	38·81	+0·92	4·31	V	43	—8·8	5·0	+0·8	19	24	2	4	21	62	138	44	51	0	7	65	37	102	104	26	7	17	Vizagapatam.
+0·6	4·2	33·63	—6·72	3·30	X	59	+7·9	7·9	+1·6	30	7	5	4	17	76	128	98	0	4	10	51	61	82	113	35	7	2	Calingapatam.
																												HILL STATIONS EXCLUDING KASHMIR.
+0·5	6·3	92·22	+7·58	3·42	IX	153	+31·1	2·9	+0·5	3	8	20	27	22	69	9	6	201	15	4	3	6	19	70	7	19	222	Shillong.
+0·2	4·8	491·21	+65·98	21·42	VI	174	+14·2	..	..	6	112	57	33	40	71	21	1	24	10	44	19	18	23	141	37	10	63	Cherrapunji.
..	4·0	100·89	..	2·90	IX	130	..	4·6	..	3	8	113	56	30	109	16	6	24	8	7	21	13	15	140	84	53	24	Aijal.
+1·0	6·1	128·20	+1·78	4·63	VI	145	+21·7	4·7	+1·1	1	19	177	39	3	9	65	14	3	0	8	67	35	6	36	169	7	37	Darjeeling.
+1·2	5·4	110·55	+24·35	4·75	VII	110	+6·1	5·5	—1·0	12	0	1	19	2	0	23	194	114	0	0	1	324	24	0	0	12	4	Kalimpong.
+0·3	4·7	57·32	+1·53	2·29	VIII	103	+4·5	1·1	0	20	16	33	34	4	1	7	9	241	43	10	24	17	23	11	13	35	189	Katmandu.
—0·9	..	9·32	—1·44	0·75	VIII	31	—0·3	2·5	—1·1	2	10	27	53	5	15	6	5	242	..	..	..	..	..	..	..	..	..	Gyantse.
·5	3·3	57·98	+4·43	4·77	VII	73	—8·5	9·0	+3·4	9	50	54	11	8	30	121	61	21	2	7	16	11	2	78	188	48	13	Muktesar.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Mussoorec.*
—0·5	4·0	51·06	—9·98	3·04	IX	82	—6·4	1·8	—1·4	54	43	11	47	47	4	1	4	144	34	39	28	29	65	63	23	26	58	Simla.
—0·7	2·6	38·78	—22·78	4·28	VIII	51	—2·5	3·1	—2·3	14	10	0	1	8	67	42	11	212	26	4	3	1	47	74	60	15	134‡	Abu.
—0·2	3·4	78·69	—0·92	7·19	IX	79	+0·1	2·9	—1·2	18	28	20	6	14	33	113	58	75	42	28	5	0	2	14	101	86	87	Pachmarhi.
—2·2	1·8	206·32	—54·91	11·79	VII	132	+11·8	7·4	—0·7	29	102	26	26	4	124	12	40	2	15	32	8	6	5	150	37	111	1	Mahabaleshwar.
—0·2	6·0	123·04	—4·39	7·38	VII	137	—5·2	6·6	+2·1	88	51	39	3	20	21	45	84	14	76	49	30	3	26	30	57	93	1	Mercara.
—0·9	4·7	39·90	—14·99	2·39	VII	91	—15·2	1·6	—2·0	7	29	26	3	3	23	39	2	227†	23	37	40	6	5	29	32	2	185	Ootacamund.
—0·8	..	47·84	—15·49	4·72	X	78	—7·3	3·5	0	42	3	23	97	80	34	34	36	11	..	..	..	..	..	..	..	..	..	Coonoor.
+0·2	6·0	50·17	—16·31	1·93	XI	122	+14·9	9·5	+1·4	29	81	31	51	15	6	57	79	16	40	60	19	51	30	4	48	79	34	Kodaikanal.
																												CEYLON.
+0·1	6·0	93·79	+5·26	8·27	IV	125	+9·7	..	..	22	70	39	37	19	68	75	8	27	29	27	7	6	11	121	108	50	6	Colombo.
+1·4	8·9	85·61	+23·69	12·71	XII	71	—1·9	..	..	32	48	12	7	32	197	18	8	21	69	73	43	29	7	111	16	6	11	Trincomalee.
+1·5	6·0	43·87	+1·66	2·72	II	74	+2·3	..	..	114	10	0	0	15	171	26	28	1	36	63	31	9	60	140	22	4	0	Hambantota.
..	5·5	35·80	..	4·53	I	39	..	..	..	32	63	19	36	97	109	4	3	2	68	58	10	6	72	136	10	5	0	Mannar.

† Total for 359 days.

‡ Total for 364 days.

Table III.—Abstract of observations recorded at 08·30 hrs. I. S. T. (03·00

STATION AND MONTH.	Height of bar, cistern above mean sea level in feet.	Pressure at station level, in millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relati humidi %	
		Mean 8·30 hrs. I.S.T.	Departure from normal.	Mean 17·30 hrs. I.S.T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8·30 hrs. I.S.T.	Mean 17·30 hrs. I.S.T.	Mean 8·30 hrs. I.S.T.	Mean 17·30 hrs. I.S.T.	Mean 8·30 hrs. I.S.T.	Departure from normal.	Mean 17·30 hrs. I.S.T.	Mean 8·30 hrs. I.S.T.	Departure from
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SEYCHELLES.	15																				
(*Indian Ocean.*)																					
(10 and 16 hrs. L. M. T.)																					
January	..	1,012·3	..	1,009·6	84·8	+1·7	87	12, 14	76·8	+0·8	71	19	81·8	82·8	75·9	76·1	27·9	..	27·7	76	.
February	..	1,011·9	..	1,009·2	85·3	+1·4	89	24	76·2	—0·5	73	14, 16	82·1	82·6	76·6	76·4	28·8	..	28·3	78	.
March	..	1,011·4	..	1,008·6	86·6	+1·6	89	10	77·6	+0·4	74	15	84·1	85·1	77·5	77·9	29·2	..	29·4	74	.
April	..	1,011·9	..	1,009·2	87·7	+1·7	91	5	78·6	+1·1	75	28	84·9	85·5	77·2	77·6	28·4	..	28·7	70	.
May	..	1,011·4	..	1,008·9	86·3	+1·2	89	2	77·0	—0·5	72	27	83·4	83·7	76·9	77·0	28·6	..	28·7	74	.
June	..	1,012·2	..	1,010·0	83·9	+1·3	86	1, 2,7	76·5	+0·1	73	27	81·3	82·3	75·7	75·7	27·8	..	27·4	77	.
July	..	1,012·3	..	1,010·2	82·2	+1·1	84	5	76·1	+0·9	73	8, 21	79·6	80·4	73·9	74·4	26·0	..	26·4	77	.
August	..	1,012·5	..	1,010·5	81·7	+0·8	84	25	75·7	+0·5	71	22	79·7	80·4	73·5	74·0	25·6	..	25·8	74	.
September	..	1,013·0	..	1,010·3	83·4	+1·5	88	27	76·5	+0·7	72	13	80·9	82·0	74·4	75·0	26·1	..	26·5	73	.
October	..	1,013·3	..	1,010·5	84·8	+1·4	87	4	75·7	+0·1	73	14, 25, 27	81·6	82·1	75·5	75·6	27·4	..	27·3	75	.
November	..	1,012·9	..	1,009·8	84·3	+0·6	87	17	74·4	—0·8	71	7, 12	81·3	82·2	74·9	75·0	26·6	..	26·4	74	.
December	..	1,011·3	..	1,008·5	84·2	+0·8	88	16	74·5	—0·9	72	5	81·4	81·5	75·7	75·6	27·8	..	27·6	78	.
Year	..	1,012·2	..	1,009·6	84·6	+1·3	91	IV	76·3	+0·2	71	I, VIII, XI	81·8	82·5	75·6	75·9	27·5	..	27·5	75	.
MINICOY.	6																				
(*Arabian Sea.*)																					
January	..	1,012·6	—0·1	1,009·8	85·5	+0·4	88		·5	—1·5	65	22	79·1	81·9	74·6	74·4	26·2	—3·2	26·0	80	.
February	..	1,012·1	—0·6	1,009·1	85·5	+0·1	87	23, 24, 28	73·4	—1·3	68	17	79·5	82·6	74·2	74·9	26·2	—3·7	26·3	77	.
March	..	1,011·5	—0·3	1,008·3	87·2	+0·9	89	24, 28	75·1	—1·8	67	12	82·8	84·9	76·4	77·2	28·2	—3·1	28·4	74	.
April	..	1,010·7	+0·3	1,007·6	88·5	+1·0	89	16 days	80·5	+0·9	75	7, 23, 26	84·8	85·9	77·7	78·3	29·2	—3·2	29·6	71	.
May	..	1,008·7	—1·1	1,006·2	87·5	—0·8	90	7 days	78·3	—0·9	74	18, 21, 22	83·5	84·8	78·5	78·8	31·0	—2·7	30·9	79	.
June	..	1,008·9	—0·5	1,006·9	85·4	—0·6	88	5	76·6	—0·7	73	4 days	81·9	82·9	77·3	78·0	29·9	—3·5	30·6	81	.
July	..	1,008·9	—1·0	1,006·9	85·2	+0·2	88	14	76·1	—0·8	72	23	80·9	82·3	77·2	78·1	30·2	—1·0	30·9	84	.
August	..	1,009·3	—1·4	1,007·2	84·7	0	86	12 days	77·0	—0·1	73	2	81·0	81·6	77·4	77·6	30·5	—1·0	30·5	84	.
September	..	1,010·1	—1·0	1,007·6	84·2	—0·8	86	18	76·6	—0·5	74	8, 14, 18	80·5	82·0	76·6	77·2	28·7	—3·2	29·7	83	.
October	..	1,010·7	—0·7	1,007·9	85·1	—0·2	87	18, 25	77·5	+1·6	71	15	81·4	82·1	76·4	76·4	28·8	—2·4	28·6	79	.
November	..	1,011·5	—0·1	1,008·9	85·4	+0·3	88	4, 23	74·4	+0·1	67	11	81·2	81·9	76·1	76·2	28·5	—3·0	28·3	79	.
December	..	1,011·3	—0·9	1,008·6	84·7	—0·7	86	1, 19	72·3	—1·7	66	22	80·0	81·7	74·6	74·7	26·8	—3·1	26·2	77	.
Year	..	1,010·5	—0·6	1,007·9	85·7	—0·1	90	V	75·8	—0·5	65	I	81·4	82·0	76·4	76·8	28·7	—2·7	28·8	79	.

M. T.) and 17·30 hrs. I. S. T. (12·00 hrs. G. M. T.) for each month of the year 1949.

Cloud amount, (Oktas).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from :— 8-30 hrs. I. S. T.									17-30 hrs. I. S. T.									STATION AND MONTH.
I.S.T.	Departure from normal.	Mean 17·30 hrs. I.S.T.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hrs.	Date.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
4	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													SEYCHELLES. (*Indian Ocean.*) (10 and 16 hrs. L. M. T.)
·2	..	6·1	2·40	..	1·28	19	6	..	5·2	..	4	2	3	0	0	1	8	10	3	4	1	0	1	0	0	8	13	4	January.
·3	..	5·6	13·34	..	2·12	14	11	..	4·2	..	5	5	3	2	0	0	3	8	2	4	2	2	2	1	0	6	9	2	February.
·4	..	5·0	5·21	..	1·69	4	5	..	4·3	..	8	7	4	0	0	0	2	7	3	7	8	1	1	1	0	5	7	1	March.
·7	..	5·0	1·20	..	0·31	7	7	..	5·0	..	2	2	5	2	1	0	7	10	1	3	1	1	2	1	1	4	14	3	April.
·4	..	5·8	3·91	..	1·16	17	8	..	5·1	..	1	1	7	10	3	2	1	4	2	2	1	7	8	7	1	2	3	0	May.
·2	..	5·6	3·69	..	0·79	3	11	..	8·1	..	0	0	6	15	7	0	0	0	2	1	0	5	13	9	2	0	0	0	June.
·4	..	6·1	2·19	..	1·12	8	3	..	11·4	..	0	0	2	22	7	0	0	0	0	0	0	5	17	7	1	1	0	0	July.
·7	..	7·1	6·32	..	3·70	22	5	..	11·6	..	0	0	3	23	5	0	0	0	0	0	0	4	22	4	1	0	0	0	August.
·8	..	4·7	2·04	..	0·56	2	6	..	10·2	..	0	0	7	17	5	1	0	0	0	0	0	4	16	9	1	0	0	0	September.
·7	..	5·8	9·53	..	2·70	27	11	..	6·8	..	0	2	4	11	10	0	1	0	3	1	1	4	9	12	1	1	0	2	October.
·0	..	5·4	4·63	..	1·24	30	11	..	4·1	..	1	2	4	3	2	0	2	10	6	1	2	3	4	1	1	6	9	3	November.
·4	..	6·0	15·86	..	3·30	28	18	..	3·8	..	3	1	5	5	1	0	5	7	4	1	0	4	4	1	1	4	9	7	December.
·3	..	5·7	70·32	..	3·30	XII	102	..	6·7	..	24	22	53	110	41	4	29	56	26	24	16	40	99	53	10	37	64	22	*Year.*
																													MINICOY. (*Arabian Sea.*)
·0	+0·1	3·7	0·17	—1·66	0·17	12	1	—1·6	3·9	—0·4	2	14	5	2	0	0	0	0	8	7	15	9	0	0	0	0	0	0	January.
·6	+1·8	4·1	0·08	—0·63	0·06	15	0	—1·2	4·0	—0·6	9	6	3	2	0	0	0	1	7	13	7	2	0	0	1	0	2	3	February.
·0	+0·2	3·1	0	—0·88	0	..	0	—1·5	3·9	—0·5	8	5	0	0	0	0	2	9	7	9	2	3	1	0	0	0	14	2	March.
·2	+0·8	4·4	0·19	—2·11	0·19	30	1	—2·5	5·7	—0·1	5	0	0	0	0	0	8	13	4	4	0	0	0	0	0	8	18	0	April.
·6	+1·3	5·7	15·75	+8·75	8·39	23	13	+4·3	8·1	+0·6	2	0	0	0	0	1	12	13	3	2	0	0	0	0	0	13	15	1	May.
·0	+1·4	7·1	11·05	—0·55	1·72	3	18	+1·0	9·5	—2·3	0	0	0	0	0	3	22	5	0	0	0	0	0	0	2	21	7	0	June.
·1	+1·8	7·2	16·58	+7·72	4·01	29	18	+4·3	9·3	—2·4	1	0	0	0	0	2	24	4	0	0	0	0	0	0	0	25	6	0	July.
·3	+2·6	7·3	9·17	+1·36	1·17	22	17	+5·2	8·3	—1·7	2	0	0	0	0	0	11	18	0	0	0	0	0	0	1	15	15	0	August.
·5	+2·3	6·0	4·92	—1·32	0·80	9	15	+4·9	8·6	—0·2	1	0	0	0	0	0	16	10	3	1	0	0	0	0	0	16	13	0	September.
·5	+1·3	5·7	4·92	—2·36	1·26	2	9	—1·6	6·9	+0·3	1	0	0	0	0	3	9	17	1	2	0	0	0	0	1	9	19	0	October.
·3	+0·3	5·3	2·61	—2·87	1·38	15	7	—0·7	3·4	—1·6	4	2	2	3	0	1	0	5	13	6	4	4	2	0	1	2	4	7	November
·6	+0·3	4·5	0·69	—2·68	0·62	7	1	—3·3	3·8	—0·5	7	13	2	1	0	0	0	0	8	10	13	2	1	1	0	0	2	2	December
·1	+1·2	5·3	66·19	+2·77	8·39	V	100	+7·3	6·3	—0·8	42	40	12	8	0	10	104	95	54	54	41	20	4	1	6	109	115	15	*Year.*

Table III.—Abstract of observations recorded at 08·30 hrs. I. S. T. (03·00

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.			Relativ humidit %.	
		Mean 8-30hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Mean 17-30 hrs. I.S.T.	Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 17-30 hrs. I.S.T.	Mean 8-30 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
AMINI DIVI.	13																				
(*Arabian Sea.*)																					
January	..	1,012·8	..	..	89·2	+2·2	92	25	73·7	—0·6	70	15, 16	80·5	..	75·4	..	27·2	+1·2	..	78	+5
February	..	1,012·1	..	..	90·6	+2·6	94	23, 26, 27	77·2	+1·1	73	10	82·1	..	75·5	..	26·6	+0·2	..	72	—1
March	..	1,011·1	..	..	91·2	+1·4	95	1	78·1	+0·4	74	8	82·1	..	76·6	..	28·8	+0·8	..	77	+1
April	..	1,010·1	..	..	92·0	+0·5	97	3, 26	81·4	+1·3	77	1	84·8	..	77·6	..	29·1	—0·5	..	71	—3
May	..	1,007·8	..	..	90·2	—1·0	98	4 days	80·5	—0·6	74	23	83·7	..	78·1	..	30·3	—0·3	..	77	+1
June	..	1,007·3	..	..	86·4	—0·6	89	14, 15, 18	78·9	+0·8	74	20	82·8	..	78·2	..	31·1	—0·1	..	83	—2
July	..	1,007·6	..	..	85·3	—0·1	88	5 days	78·3	+0·8	75	4 days	81·5	..	77·6	..	30·5	—0·1	..	83	—3
August	..	1,008·3	..	..	84·8	—0·5	88	11	78·3	+0·8	75	5 days	81·2	..	77·1	..	29·9	—0·3	..	81	—5
September	..	1,009·0	..	..	84·6	—1·1	87	16, 29, 30	77·8	+0·4	75	10, 12	80·8	..	76·6	..	30·4	+1·0	..	83	+2
October	..	1,009·9	..	..	86·8	+0·5	90	18	78·9	+1·9	74	14	81·8	..	76·5	..	28·9	—0·2	..	78	—4
November	..	1,011·2	..	..	90·1	+3·2	95	15	76·0	+0·3	71	11, 12	81·3	..	76·3	..	29·7	+1·8	..	78	6
December	..	1,011·3	..	..	90·0	+2·9	93	30	73·6	—0·6	70	22	79·7	..	74·3	..	26·5	—0·5	..	77	+5
Year	..	1,009·9	..	..	88·4	+0·8	98	V	77·7	+0·5	70	I, XII	81·9	..	76·7	..	29·1	+0·4	..	78	6
LHASA.*	12090																				
(*Tibet.*)																					
January	..	629·4	..	..	50·0	..	68	4	18·0	..	10	23	30·3	..	27·4	..	3·9	..	..	73	..
February	..	627·4	..	..	48·7	..	59	2, 3	21·0	..	13	8	34·3	..	31·3	..	4·8	..	..	75	..
March	..	628·7	..	..	53·6	..	63	15, 30	26·5	..	17	7	39·2	..	36·8	..	6·6	..	..	82	..
April	..	630·8	..	..	57·6	..	69	11	32·2	..	25	23	45·2	..	42·8	..	8·5	..	..	85	..
May	..	631·0	..	..	67·6	..	77	28	40·3	..	27	7	54·8	..	51·9	..	12·3	..	..	84	..
June	..	628·3	..	..	78·5	..	84	8	50·3	..	42	3	63·1	..	60·6	..	17·2	..	..	87	..
July	..	630·1	..	..	72·8	..	83	15	50·0	..	45	31	58·1	..	55·4	..	14·2	..	..	85	..
August	..	629·7	..	..	70·8	..	78	3	50·2	..	43	31	56·8	..	54·1	..	13·7	..	..	85	..
September	..	630·8	..	..	70·7	..	75	2	47·3	..	41	25	55·0	..	52·1	..	12·3	..	..	84	..
October	..	631·3	..	..	69·1	..	72	1, 5	37·9	..	29	26	52·4	..	50·8	..	12·3	..	..	88	..
November	..	627·7	..	..	59·7	..	69		24·5	..	16	26	40·1	..	39·2	..	7·8	..	..	92	..
December	..	625·9	..	..	45·0	..	59	19	17·1	..	6	28	28·4	..	27·3	..	4·7	..	..	89	..
Year	..	629·3	..	..	62·0	..	84	VI	34·6	..	6	XII	46·5	..	44·1	..	9·9	..	..	84	..

* Anaroid Barometer in use.

M. T.) and 17·30 hrs. I. S. T. (12·00 hrs. G. M. T.) for each month of the year 1949—*contd.*

Cloud amount, (Oktas).			Rainfall, inches.				Number of rainy days, (0·10″ or more).		Wind velocity, miles per hour.		Wind dierction—Number of winds from :— 8-30 hrs. I. S. T.									17-30 hrs. I. S. T.									STATION AND MONTH.
	Departure from normal.	Mean 17-30 hrs. I.S.T.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hrs.	Date.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
	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
																													AMINI DIVI. (*Arabian Sea.*)
5	—2·1	..	0	—0·66	0	..	0	—1·1	3·2	—0·6	9	7	2	0	0	0	0	5	8	..	..	..	..	..	..	..	..	..	January.
2	—1·2	..	0	—0·07	0	..	0	—0·3	5·6	+0·7	13	7	0	0	0	0	0	6	2	..	..	..	..	..	..	..	..	..	February.
0	—1·2	..	0	—0·16	0	..	0	—0·2	5·4	+0·3	5	4	2	0	0	0	5	8	7	..	..	..	..	..	..	..	..	..	March.
2	—1·1	..	0	—1·15	0	..	0	—1·6	8·4	+2·7	3	0	0	0	0	2	8	16	1	..	..	..	..	..	..	..	..	..	April.
4	—0·4	..	14·18	+9·73	4·15	23	13	+8·2	10·2	+2·6	2	1	1	0	0	5	8	14	0	..	..	..	..	..	..	..	..	..	May.
6	—2·3	..	18·99	+4·48	6·00	20	19	+2·2	10·5	—1·8	1	0	0	0	0	7	14	8	0	..	..	..	..	..	..	..	..	..	June.
0	—0·7	..	20·96	+9·15	6·00	25	23	+7·3	13·5	—0·5	2	0	0	0	0	9	15	4	1	..	..	..	..	..	..	..	..	..	July.
1	—1·0	..	9·92	+2·16	2·40	28	15	+3·7	13·5	+0·4	1	0	0	0	0	3	16	11	0	..	..	..	..	..	..	..	..	..	August.
5	—0·8	..	9·37	+3·41	1·65	17	18	+7·9	13·6	+3·3	0	0	0	0	0	1	18	10	1	..	..	..	..	..	..	..	..	..	September.
6	—1·5	..	1·39	—4·35	0·32	29	6	—2·6	8·0	+1·8	2	0	1	1	0	5	8	12	2	..	..	..	..	..	..	..	..	..	October.
2	—1·7	..	0·04	—2·98	0·04	19	0	—4·9	2·7	—0·9	8	9	2	1	0	0	0	5	5	..	..	..	..	..	..	..	..	..	November.
1	—1·6	..	0	—1·49	0	..	0	—2·0	3·0	—0·2	16	11	0	0	0	0	0	3	1	..	..	..	..	..	..	..	..	..	December.
0	—1·3	..	74·85	+18·07	6·00	VI,VII	94	+16·6	8·1	+0·6	62	39	8	2	0	32	92	102	28	..	..	..	..	..	..	..	..	..	*Year.*
																													LHASA.* (*Tibet.*)
9	..	..	0	..	0	..	0	..	2·8	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	January.
0	..	..	0	..	0	..	0	..	3·7	..	0	3	0	0	0	0	0	0	25	..	..	..	..	..	..	..	..	..	February.
4	..	..	0	..	0	..	0	..	3·2	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	March.
3	..	..	0·41	..	0·19	27	1	..	2·1	..	0	0	0	0	0	0	0	0	30	..	..	..	..	..	..	..	..	..	April.
1	..	..	0·63	..	0·40	22	1	..	2·5	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	May.
9	..	..	1·86	..	0·71	30	4	..	1·6	..	0	0	0	0	0	0	0	0	30	.	..	..	..	..	..	..	..	..	June.
2	..	..	5·86	..	0·85	6	13	..	0·6	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	July.
5	..	.	7·86	..	0·69	6	18	..	0·5	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	August.
2	..	..	3·17	..	0·43	5	12	..	0·7	..	0	0	0	0	0	0	0	0	30	..	..	..	..	..	..	..	..	..	September.
3	..	..	0·13	..	0·13	12	1	..	0·9	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	October.
4	..	..	0	..	0	..	0	..	1·5	..	0	0	0	0	0	0	0	0	30	..	..	..	..	..	..	..	..	..	November
5	..	..	0	..	0	..	0	..	2·2	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	December.
3	..	..	19·92	..	0·85	VII	50	..	1·9	..	0	3	0	0	0	0	0	0	362	..	..	..	..	..	..	..	..	..	*Year.*

Table IV.—Abstract of observations recorded at 8·30 hrs. I. S. T. (3·00 hrs. G. M. T.) at 4th Cl stations for the year 1949.

STATION.	Maximum temperature, °F.				Minimum temperature, °F.				Mean dry bulb temperature 8·30 hrs. I.S.T. °F	Mean wet bulb temperature 8·30 hrs. I.S.T. °F	Vapour pressure, mb.		Relative humidity, %		Mean cloud amount 8-30 hrs. I. S. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Resultant direction
	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.			Mean 8-30 hrs. I.S.T.	Departure from normal.	Mean 8-30 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.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	2
ASSAM.																						
Lumding	86·2	+1·7	98	VIII	64·9	+0·1	41	XII	77·0	71·1	24·2	+0·8	73	—10	..	50·49	—0·78	3·26	VIII	87	+4·9	.
KASHMIR.																						
Jammu	87·2	+2·3	111	VI	66·0	0	39	XII	71·5	61·8	15·8	+0·2	57	—1	3·2	34·75	—7·35	3·50	II	45	—5·4	.
Kargil*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
MYSORE.																						
Balehonnur	80·4	+0·3	95	III	63·1	—0·2	50	XII	69·0	65·8	20·7	+0·5	88	+2	..	94·05	—8·85	7·08	VIII	127	+5·5	.
TIBET.																						
Yatung (Chumbi)	59·8	+3·6	73	IV	35·5	—0·3	13	I, XII	46·7	45·1	10·8	+2·0	90	+6	..	29·23	—8·85	0·96	X	98	+0·5	.

* Data not available for complete year, hence no annual means.

Table V.—Abstract of observations recorded at 8·30 hrs. I. S. T. (3·00 hrs. G. M. T.) at 5th Cla stations for the year 1949.

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).		DIVISION.	STATION.	Rainfall, inches.				Numbe rainy da (0·10" or r
		Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	Month.	Total in the year.	Departure from normal.			Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	Month.	Total in the year.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
Assam	Mawsynram	341·40	..	16·20	VII	147	..	East Punjab	Dharampore	43·42	—11·54	2·80	II	71
									Kyelang	22·72	+0·66	1·35	V	49
West Bengal	Bankura	52·99	—2·53	5·56	VII	75	+1·8		Dalhousie	82·47	—2·26	5·30	II	78
								Kashmir	Sonamarg	43·20	—28·06	1·78	III	80
Bihar	Muzaffarpur	66·16	+17·72	4·90	VI	60	+3·8		Gurez	108·56	+59·04	6·50	X	100
	Chapra	49·60	+7·00	2·95	VIII	61	+8·2	Bombay, Deccan	Khandala	158·09	—29·80	6·40	VII	125
								Madras, Southeast	Palamcottah	21·45	—7·93	1·85	V	45
	Arrah	84·83	+38·53	3·86	VII	83	+26·7	Sikkim	Lachung*	..	..	..	..	..

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

Table VI.—Mean duration of bright Sunshine at 14 stations for the year 1949.

Month/Hours L.A.T.	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	18—19	Average total per day.	Greatest number of hours in a day.
CALCUTTA.*															
anuary	0	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·7	0	0	9·2	10·0
ebruary	0	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·1	0	9·5	10·3
arch	0	0·4	0·9	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·7	0	0	·8	10·2
pril	0·2	0·7	0·7	0·9	0·9	0·9	0·9	0·9	0·9	0·8	0·6	0·2	0	8·7	11·4
ay	0·4	0·7	0·7	0·7	0·7	0·8	0·8	0·8	0·8	0·7	0·7	0·5	0	8·2	11·8
une	0·3	0·5	0·6	0·6	0·6	0·5	0·6	0·7	0·6	0·4	0·2	0·1	0	5·7	10·3
uly	0·3	0·3	0·4	0·5	0·5	0·4	0·4	0·3	0·3	0·3	0·2	0·2	0	4·0	11·5
ugust	0·1	0·3	0·4	0·4	0·4	0·3	0·4	0·4	0·4	0·3	0·2	0·1	0	3·8	9·4
eptember	0	0·3	0·5	0·6	0·6	0·7	0·6	0·6	0·5	0·4	0·3	0·1	0	5·2	10·5
ctober	0·1	0·7	0·8	0·8	0·8	0·8	0·8	0·7	0·7	0·5	0·5	0·1	0	7·3	10·6
ovember	0·1	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·1	0	9·7	10·4
ecember	0	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	0	0	9·3	9·9
ear	0·1	0·6	0·7	0·8	0·8	0·8	0·8	0·8	0·8	0·7	0·5	0·1	0	7·5	11·8
ALLAHABAD (BAMRAULI).															
anuary	..	0·7	0·9	1·0	1·0	1·0	1·0	0·9	1·0	0·9	0·7	..	..	9·1	10·0
ebruary	0·2	0·9	0·9	1·0	0·9	0·9	0·9	1·0	0·9	0·9	0·8	0·3	..	9·6	10·5
arch	0·1	0·7	0·8	0·9	0·9	0·9	0·9	1·0	1·0	0·9	0·8	0·1	0	9·0	11·0
pril	0·2	0·8	0·9	0·9	0·9	1·0	1·0	1·0	1·0	0·9	0·9	0·2	0	9·7	11·1
ay	0·6	0·9	0·9	0·9	0·9	0·9	1·0	1·0	1·0	1·0	0·9	0·6	0	10·6	12·2
une	0·3	0·7	0·8	0·8	0·9	0·9	0·8	0·9	0·8	0·7	0·6	0·3	0	8·5	11·8
uly	0·2	0·3	0·4	0·5	0·5	0·5	0·5	0·6	0·5	0·4	0·3	0·1	0	4·8	11·9
ugust	0·2	0·3	0·3	0·4	0·4	0·4	0·4	0·5	0·4	0·3	0·3	0·2	0	4·1	11·8
eptember	0·1	0·5	0·6	0·7	0·7	0·8	0·8	0·7	0·7	0·6	0·5	0·2	0	6·9	11·1
October	0·1	0·7	0·7	0·8	0·8	0·8	0·8	0·8	0·8	0·8	0·7	0·1	0	7·9	11·1
November	..	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	..	10·1	10·8
December	..	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·9	..	..	9·5	9·8
Year	..	0·7	0·8	0·8	0·8	0·8	0·8	0·9	0·8	0·8	0·7	..	..	8·3	122
NEW DELHI.															
January	0·1	0·6	0·8	0·8	0·9	0·9	0·9	0·9	0·9	0·8	0·5	0	0	8·0	9·9
February	0·1	0·7	0·9	0·9	0·9	0·9	1·0	1·0	0·9	0·8	0·6	0·1	0	8·8	10·7
March	0	0·6	0·8	0·8	0·9	0·9	0·9	0·8	0·9	0·7	0·3	0·0	0	7·7	9·9
April	0·4	0·8	0·9	1·0	1·0	0·9	1·0	0·9	1·0	0·9	0·7	0·2	0	9·7	11·5
May	0·3	0·8	0·9	1·0	1·0	1·0	0·9	0·9	0·9	0·8	0·6	0·2	0	9·3	11·4
June	0·2	0·7	0·8	0·9	0·9	0·9	0·8	0·8	0·8	0·7	0·5	0·1	0	8·1	11·2
July	0·2	0·2	0·3	0·5	0·6	0·5	0·5	0·5	0·5	0·5	0·3	0·2	0	4·8	11·4
August	0·3	0·6	0·7	0·8	0·9	0·8	0·8	0·8	0·8	0·6	0·6	0·3	0	8·0	11·7
September	0	0·6	0·8	0·8	0·8	0·8	0·8	0·8	0·8	0·8	0·7	0	0	7·7	10·3
October	0·1	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0	0	9·8	10·6
November	0·2	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0	0	9·9	10·5
December	0	0·7	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·8	0·5	0	0	8·3	9·7
Year	0·2	0·7	0·8	0·9	0·9	0·9	0·9	0·9	0·9	0·8	0·6	0·1	0	·3	11·7

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

Table VI.—Mean duration of bright Sunshine at 14 stations for the year 1949—*contd.*

Month/Hours L.A..T.	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	18—19	Average total per day.
SRINAGAR.														
January	0	0	0	0·1	0·3	0·4	0·4	0·4	0·3	0·3	0	0	0	2·2
February	0	0	0	0·2	0·2	0·3	0·3	0·3	0·4	0·3	0·2	0	0	2·2
March	0	0·2	0·3	0·5	0·6	0·6	0·5	0·5	0·4	0.4	0·3	0	0	4·3
April	0	0·3	0·5	0·5	0·6	0·7	0·7	0·8	0·7	0·7	0·6	0·3	0	6·4
May	0·5	0·7	0·8	0·8	0·8	0·8	0·8	0·8	0·8	0·6	0·6	0·4	0	8·4
June	0	0	0	0·1	0·4	0·7	0·6	0·6	0·6	0·6	0·5	0·3	0·1	4·5
July	0·2	0·2	0·3	0·5	0·7	0·8	0·8	0·8	0·8	0·8	0·8	0·7	0·2	7·6
August	0·3	0·5	0·6	0·8	0·8	0·9	0·8	0·8	0·7	0·7	0·7	0·5	0	8·1
September	0	0·6	0·7	0·8	0·8	0·7	0·8	0·7	0·8	0·7	0·7	0·3	0	7·6
October	0	0·5	0·8	0·8	0·9	0·9	0·8	0·8	0·9	0·8	0·7	0·1	0	8·0
November	0	0·5	0·7	0·8	0·7	0·8	0·8	0·7	0·7	0·7	0·3	0	0	6·7
December	0	0·1	0·3	0·4	0·5	0·6	0·6	0·6	0·5	0·5	0	0	0	4·1
Year	0·1	0·3	0·4	0·5	0·6	0·7	0·7	0·7	0·6	0·6	0·5	0·2	0	5·9
JODHPUR.														
January	0	0·8	0·9	0·9	0·9	0·9	1·0	1·0	1·0	0·9	0·8	0	0	9·1
February	0·1	0·8	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·1	0	9·6
March	0·2	0·8	0·9	0·9	0·9	0·9	0·9	0·8	0·8	0·8	0·7	0·2	0	8·8
April	0·3	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·3	0	10·2
May	0·3	0·8	0·9	0·9	1·0	1·0	1·0	1·0	1·0	0·9	0·7	0·3	0	9·8
June	0·4	0·6	0·9	0·9	1·0	1·0	0·9	0·9	0·9	0·9	0·7	0·4	0	9·8
July	0·3	0·6	0·5	0·6	0·7	0·7	0·7	0·7	0·7	0·6	0·5	0·2	0	6·8
August	0·2	0·6	0·7	0·7	0·7	0·8	0·8	0·8	0·8	0·7	0·7	0·3	0	7·8
September	0·1	0·7	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·8	0·2	0	9·0
October	0·2	0·9	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·2	0	10·1
November	0·1	0·9	0·9	0·9	0·9	1·0	1·0	1·0	1·0	1·0	0·9	0·2	0	9·8
December	0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·1	0	9·9
Year	0·2	0·8	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·8	0·2	0	9·2
JAIPUR.														
January	0·1	0·7	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·8	0·7	0	0	8·6
February	0·1	0·8	0·9	0·9	1·0	1·0	1·0	1·0	1·0	0·9	0·8	0·1	0	9·5
March	0·2	0·7	0·8	0·8	0·9	0·8	0·9	0·9	0·8	0·8	0·6	0·1	0	8·4
April	0·4	0·9	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·8	0·3	0	10·2
May	0·2	0·6	0·8	0·9	1·0	0·9	0·8	0·9	0·9	0·7	0·5	0·1	0	8·3
June	0·2	0·6	0·7	0·7	0·7	0·7	0·7	0·7	0·8	0·7	0·6	0·2	0	7·3
July	0·1	0·3	0·3	0·4	0·4	0·4	0·5	0·5	0·4	0·3	0·3	0·1	0	4·0
August	0·3	0·6	0·6	0·6	0·7	0·7	0·7	0·6	0·7	0·6	0·6	0·3	0	6·9
September	0·3	0·8	0·8	0·8	0·8	0·9	0·8	0·8	0·7	0·7	0·6	0·2	0	8·2
October	0·2	0·8	0·9	0·9	0·9	1·0	1·0	1·0	1·0	0·9	0·8	0·2	0	9·6
November	0·2	1·0	0·9	1·0	1·0	1·0	1·0	1·0	0·9	1·0	0·9	0·2	0	9·9
December	0·1	0·9	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·9	0	0	9·6
Year	0·2	0·7	0·8	0·8	0·9	0·9	0·9	0·9	0·8	0·8	0·7	0·1	0	·4

Table VI—Mean duration of bright sunshine at 14 stations for the year 1949—*contd.*

Month/Hours L.A.T.	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	18—19	Average total per day.	Greatest number of hours in a day.
BARODA.															
January	0	0·3	0·9	0·9	0·9	1·0	0·9	0·9	0·9	0·9	0·9	0·6	0	9·3	10·5
February	0·2	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·3	0	10·2	11·0
March	0	0·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·5	0	9·5	11·1
April	0·2	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·3	11·0	12·1
May	0·2	0·7	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·4	10·9	12·3
June	0·1	0·4	0·7	0·7	0·8	0·8	0·9	0·9	0·8	0·8	0·7	0·7	0·3	8·5	13·2
July	0·1	0·2	0·3	0·4	0·4	0·4	0·5	0·4	0·5	0·4	0·4	0·2	0·1	4·2	10·3
August	0	0·3	0·5	0·7	0·6	0·6	0·7	0·7	0·6	0·7	0·6	0·4	0·1	6·7	11·9
September	0	0·1	0·4	0·5	0·6	0·6	0·6	0·4	0·5	0·6	0·4	0·1	0	4·9	10·3
October	0	0·4	0·8	0·9	0·9	1·0	1·0	0·9	0·9	0·8	0·8	0·3	0	8·8	10·5
November	0·1	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·5	0	10·2	10·7
December	0	0·7	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	0	10·3	10·7
Year	0·1	0·5	0·8	0·8	0·9	0·9	0·9	0·9	0·9	0·9	0·8	0·5	0·1	8·7	13·2
NAGPUR.															
January	0·2	0·9	1·0	1·0	1·0	1·0	0·9	1·0	1·0	1·0	0·8	0	0	9·7	10·9
February	0·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·1	0	10·1	10·8
March	0·3	0·9	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·9	0·8	0·2	0	10·1	11·4
April	0·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	0·9	0·3	0	10·5	11·9
May	0·5	0·7	0·9	0·9	0·9	0·9	1·0	0·9	0·8	0·8	0·7	0·4	0	9·5	11·8
June	0·2	0·5	0·6	0·5	0·6	0·6	0·6	0·6	0·5	0·4	0·3	0·2	0	5·6	12·1
July	0·1	0·3	0·3	0·3	0·3	0·4	0·3	0·4	0·4	0·4	0·3	0·1	0	3·6	8·5
August	0	0·2	0·3	0·4	0·5	0·5	0·5	0·4	0·5	0·4	0·3	0.1	0	4·2	10·0
September	0·1	0·3	0·4	0·5	0·5	0·4	0·5	0·6	0·4	0·3	0·2	0·1	0	4·5	9.0
October†	0·2	0·6	0·7	0·7	0·7	0·8	0·8	0·9	0·7	0·6	0·6	0·1	0	7·4	10·7
November	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·1	0	10·2	10·6
December	0·1	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0	0	9·9	10·3
Year	0·2	0·7	0·8	0·8	0·8	0·8	0·8	0·8	0·7	0·7	0·6	0.1	0	7·9	12.1
BOMBAY.*															
January	0	0·7	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·1	0	9·0	10·2
February	0	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1.0	1·0	0·1	0	9·8	10·4
March	0	0·2	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·4	0·0	0	8·4	9·7
April	0	0·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·2	0	9·6	10·6
May	0·1	0·4	0·6	0·7	0·7	0·8	0·8	0·8	0·8	0·7	0·6	0·1	0	9·1	10·5
June	0	0·3	0·5	0·5	0·6	0·6	0·6	0·5	0·5	0·4	0·4	0·1	0	4·9	10·3
July	0	0·1	0·3	0·4	0·3	0·3	0·4	0·3	0·3	0·2	0·1	0	0	2·6	8·3
August	0	0·1	0·3	0·4	0·3	0·4	0·4	0·4	0·4	0·3	0·1	0	0	3·3	9·6
September	0	0	0·2	0·3	0·3	0·4	0·4	0·4	0·3	0·3	0·1	0	0	2·7	8·5
October	0	0·4	0·7	0·8	0·8	0·8	0·9	0·9	0·9	0·8	0·6	0·1	0	7·6	10·6
November	0·2	1·0	1·0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	0	10·2	11·4
December	0·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	0	10·3	10·5
Year	0	0·5	0·7	0·7	0·7	0·8	0·8	0·8	0·8	0·7	0·6	0·1	0	7·3	11·4

* Hours in this case refer to L.M.T. † Mean for 28 days only.

Table VI—Mean duration of bright sunshine at 14 stations for the year 1949—*contd.*

Month/Hours L.A.T.	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	18—19	Average total per day.	Gre nu ho a
POONA.															
January	0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·9	0·1	0	9·6	
February	0·1	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·1	0	10·1	
March	0·1	0·8	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·9	0·7	0	0	9·3	
April	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·2	0	10·2	
May	0·4	0·6	0·7	0·8	0·8	0·8	0·7	0·7	0·7	0·6	0·6	0·3	0	7·8	
June	0·3	0·6	0·6	0·6	0·6	0·6	0·7	0·6	0·5	0·5	0·4	0·2	0	6·2	
July	0·1	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·2	0	0	3·1	
August	0	0·2	0·4	0·4	0·4	0·4	0·5	0·4	0·4	0·3	0·2	0	0	3·7	
September	0·1	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·3	0·3	0·3	0·1	0	3·9	
October	0	0·4	0·7	0·9	0·9	0·9	0·9	0·9	0·8	0·8	0·6	0·1	0	7·8	
November	0	0·8	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·8	0	0	9·4	
December	0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·1	0	9·9	
Year	0·1	0·7	0·8	0·8	0·8	0·8	0·8	0·8	0·7	0·7	0·6	0·1	0	7·6	
BANGALORE.*															
January	0	0·7	0·9	0·9	1·0	1·0	1·0	0·8	0·7	0·9	0·8	0·4	0	9·1	
February	0·1	0·8	0·9	0·9	1·0	1·0	0·9	0·9	0·9	0·9	0·8	0·1	0	9·1	
March	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·1	0	10·1	
April	0·2	0·8	0·9	1·0	1·0	1·0	0·9	0·9	0·8	0·7	0·5	0	0	8·6	
May	0·2	0·6	0·7	0·8	0·8	0·7	0·7	0·6	0·6	0·6	0·4	0·1	0	7·0	
June	0·2	0·3	0·4	0·5	0·6	0·6	0·6	0·5	0·4	0·4	0·1	0	0	4·5	
July	0	0·2	0·3	0·4	0·5	0·4	0·4	0·3	0·2	0·3	0·1	0	0	3·0	
August	0	0·1	0·2	0·2	0·3	0·4	0·4	0·4	0·4	0·3	0·2	0	0	2·9	
September	0·1	0·3	0·5	0·5	0·5	0·6	0·5	0·5	0·4	0·3	0·1	0	0	4·2	
October	0	0·4	0·6	0·7	0·8	0·8	0·7	0·7	0·6	0·5	0·3	0	0	6·1	
November	0·1	0·8	0·9	0·9	0·9	0·9	0·9	0·7	0·6	0·7	0·6	0·1	0	8·0	
December	0	0·7	0·9	1·0	1·0	1·0	1·0	0·8	0·5	0·9	0·8	0·1	0	8·8	
Year	0·1	0·6	0·7	0·7	0·8	0·8	0·7	0·7	0·6	0·6	0·5	0·1	0	6·8	
TRIVANDRUM.															
January	0·3	0·8	0·8	0·9	0·8	0·8	0·9	0·9	0·9	0·9	0·8	0·2	0	9·0	
February	0·2	0·9	0·9	1·0	0·9	1·0	0·9	0·9	0·9	0·8	0·8	0·1	0	9·1	
March	0·2	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·9	0·9	0·2	0	10·1	
April	0·1	0·6	0·7	0·7	0·7	0·7	0·7	0·6	0·6	0·5	0·4	0	0	6·5	
May	0·1	0·5	0·6	0·6	0·6	0·7	0·7	0·7	0·6	0·5	0·5	0	0	6·2	
June	0	0·3	0·5	0·4	0·5	0·5	0·5	0·4	0·3	0·2	0·1	0	0	3·6	
July	0	0·2	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·3	0·2	0	0	3·8	
August	0	0·4	0·5	0·5	0·6	0·6	0·5	0·6	0·5	0·5	0·3	0·1	0	4·9	
September	0	0·4	0·6	0·6	0·7	0·6	0·6	0·7	0·6	0·5	0·3	0	0	5·6	
October	0·1	0·5	0·7	0·6	0·6	0·7	0·7	0·7	0·5	0·3	0·3	0	0	5·7	
November	0·2	0·5	0·6	0·6	0·7	0·7	0·7	0·7	0·6	0·5	0·4	0·1	0	6·4	
December	0·3	0·7	0·7	0·7	0·8	0·8	0·8	0·8	0·8	0·7	0·5	0·1	0	7·7	
Year	0·1	0·6	0·7	0·7	0·7	0·7	0·7	0·7	0·6	0·7	0·5	0·1	0	6·6	

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

Table VI—Mean duration of bright sunshine at 14 stations for the year 1949—*concld.*

Month/Hours L.A.T.	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	18—19	Average total per day.	Greatest number of hours in a day.
							MADRAS (Meenambakkam).								
January	0·2	0·9	0·9	0·9	1·0	0·9	1·0	1·0	1·0	0·9	0·9	0·4	0	10·0	11·1
February	0·3	0·8	0·9	0·9	0·9	1·0	1·0	1·0	1·0	0·9	0·9	0·4	0	10·0	11·4
March	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·5	0	10·8	11·3
April	0·4	0·8	0·8	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·6	0	9·9	11·4
May	0·4	0·6	0·7	0·8	0·8	0·8	0·8	0·8	0·7	0·6	0·6	0·3	0	8·0	12·2
June	0·4	0·6	0·7	0·8	0·7	0·8	0·8	0·7	0·8	0·7	0·6	0·4	0	8·0	12·1
July	0·2	0·4	0·5	0·6	0·7	0·7	0·7	0·6	0·6	0·5	0·3	0·2	0	5·8	11·6
August	0·2	0·3	0·4	0·5	0·6	0·7	0·8	0·7	0·6	0·6	0·4	0·2	0	5·8	11·2
September	0·1	0·4	0·4	0·5	0·6	0·6	0·6	0·6	0·5	0·4	0·4	0·1	0	5·0	10·1
October	0·2	0·7	0·8	0·7	0·7	0·7	0·7	0·8	0·7	0·6	0·5	0·2	0	7·5	11·1
November	0·2	0·8	0·8	0·9	0·9	0·8	0·9	0·9	0·9	0·8	0·7	0·3	0	8·9	11·2
December	0·2	0·8	0·9	0·9	1·0	1·0	0·9	0·9	0·9	0·9	0·9	0·3	0	9·5	11·0
Year	0·3	0·7	0·8	0·8	0·8	0·8	0·8	0·8	0·7	0·7	0·7	0·3	0	8·3	12·2
							KODAI KANAL.								
January	0·1	0·7	0·8	0·9	0·9	0·8	0·9	0·8	0·8	0·7	0·7	0·5	0	8·5	11·2
February	0·3	0·9	0·9	0·9	0·9	0·9	0·9	0·9	0·8	0·7	0·7	0·5	0	9·2	11·4
March	0·2	0·9	1·0	1·0	1·0	1·0	0·9	0·8	0·8	0·8	0·7	0·5	0	9·7	11·3
April	0·4	0·8	0·9	0·9	0·9	0·9	0·8	0·8	0·7	0·6	0·5	0·2	0	8·4	10·9
May	0·4	0·7	0·8	0·8	0·7	0·7	0·5	0·5	0·3	0·2	0·1	0·1	0	5·8	9·7
June	0·3	0·5	0·6	0·6	0·5	0·4	0·3	0·3	0·2	0·1	0	0·1	0	3·9	8·1
July	0·3	0·4	0·4	0·4	0·4	0·3	0·2	0·2	0·2	0·1	0·1	0·1	0	3·1	8·9
August	0·1	0·5	0·6	0·6	0·6	0·5	0·3	0·3	0·2	0·1	0·1	0	0	4·0	8·6
September	0·1	0·5	0·6	0·6	0·5	0·6	0·4	0·2	0·2	0·1	0·1	0	0	4·0	8·6
October	0	0·5	0·7	0·7	0·7	0·5	0·4	0·2	0·2	0·1	0·1	0	0	4·4	10·9
November	0·2	0·5	0·5	0·6	0·6	0·6	0·5	0·5	0·5	0·5	0·4	0·1	0	5·6	11·0
December	0·4	0·8	0·8	0·9	0·8	0·8	0·8	0·8	0·7	0·6	0·6	0	0	8·5	11·5
Year	0·2	0·6	0·7	0·7	0·7	0·7	0·6	0·5	0·5	0·4	0·3	0·2	0	6·3	11·5

Table VI A—Abstract of hours of bright sunshine and nocturnal radiation temperature at 14 stati during each month and the year 1949.

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	0	0	1	7	23	284·5	84	10·0	28	5·8	27	51·5	+2·9	45·5	8	6·2
	February	0	0	1	2	25	266·0	83	10·3	8,16,20	5·5	6	53·5	0	44·2	8, 9	7·1
	March	0	0	2	11	18	273·3	73	10·2	21	4·7	8	65·6	+2·2	51·5	1	6·1
	April	0	0	3	10	17	261·9	69	11·4	15,24	4·3	12	72·5	+1·1	66·1	8,22	3·8
	May	0	5	2	6	18	254·8	62	11·8	22	0·2	7,13	75·1	+0·4	68·0	7	2·6
	June	3	6	3	12	6	171·4	42	10·3	18	0	11,23,24	76·8	+0·1	71·7	20	2·8
	July	4	7	14	5	1	125·5	30	11·5	26	0	4 days	77·0	+0·1	74·9	22	2·5
	August	4	7	13	6	1	117·3	29	9·4	11	0	4 days	77·3	+0·7	73·4	6	2·4
	September	2	5	11	8	4	155·0	42	10·5	21	0	16·27	76·0	+0·4	72·5	16,17	2·9
	October	1	2	6	10	12	225·3	63	10·6	24	0	27	73·1	+2·9	65·0	23	3·4
	November	0	0	0	4	26	292·4	88	10·4	5 days	7·6	8	56·6	—1·8	49·6	26	5·6
	December	0	0	0	5	26	289·9	87	9·9	6	7·6	4	47·7	—0·9	42·5	28	6·2
	Year	14	32	56	86	177	2,717·3	63	11·8	V	0	5 months	66·9	+0·7	42·5	XII	4·3
ALLAHABAD— (BAMRAULI) Lat. 25° 27′ N. Long. 81° 44′ E.	January	(e)0	0	2	6	18	229·9	82	10·0	29	3·5	27	..	..	..	..	..
	February	(f)0	2	1	2	20	229·0	81	10·6	19	2·4	5	..	..	..	..	..
	March	(d)0	0	3	7	17	242·8	75	11·0	27	4·0	7	..	..	..	..	..
	April	(b)0	0	2	5	22	281·9	76	11·1	2,27	5·3	4	..	..	..	..	..
	May	(b)0	0	3	2	24	289·3	75	12·2	9	4·8	31	..	..	..	..	..
	June	0	2	1	11	16	257·2	63	11·3	18	2·1	1	..	..	..	..	..
	July	3	8	9	6	5	148·6	35	11·9	14	0	7,22,25	..	..	..	..	..
	August	6	10	3	5	7	134·0	33	11·8	25	0	6 days	..	..	..	..	..
	September	0	7	4	6	13	206·9	59	11·1	9	0·1	16	..	..	..	..	..
	October	(b)0	3	2	4	20	242·2	72	11·1	3	0·1	10,30	..	..	..	..	..
	November	0	0	0	1	29	299·4	91	10·8	11	8·1	22	..	..	..	..	..
	December	0	0	0	2	29	296·4	90	9·8	6 days	8·4	6	..	..	..	..	..
	Year	9	32	30	57	220	2,857·6	64	12·2	V	0	VII, VIII	..	..	..	..	..
NEW DELHI— Lat. 28° 35′ N. Long. 77° 12′ E.	January	0	2	2	10	17	248·4	76	9·9	7,11	0·2	14	42·1	+4·7	33·3	8	5·5
	February	0	0	3	7	18	246·4	79	10·7	15	3·1	5	44·5	+2·4	36·0	9	6·1
	March	0	4	3	13	11	231·2	62	9·9	27,31	0·1	10	50·8	+2·2	40·1	5	8·4
	April	0	0	1	6	23	290·3	75	11·5	21,22,29	3·1	3	60·7	+1·4	52·0	1	10·6
	May	0	0	3	7	21	292·3	69	11·4	18	4·4	12	71·8	+1·5	63·0	5	9·3
	June	0	0	8	8	14	243·5	58	11·2	11	3·4	9	78·0	+0·2	61·6	11	7·5
	July	1	11	5	9	5	150·2	35	11·4	29	0	19	77·2	—1·1	73·0	20	2·9
	August	2	2	2	10	15	246·2	60	11·7	3	0	18,19	76·3	—0·1	70·4	25	2·8
	September	0	4	1	11	14	238·5	64	10·3	8	0·9	18	75·0	+4·4	70·0	30	3·2
	October	0	0	1	4	26	294·5	83	10·4	31	5·9	2	57·8	+4·2	47·0	27	7·4
	November	0	0	0	3	27	293·5	92	10·5	6	6·3	27	41·0	—2·1	32·5	25	9·4
	December	0	2	1	8	20	265·0	83	9·7	5 days	1·7	9	25·9	—1·1	28·0	21	8·4
	Year	3	25	30	96	211	3,040·0	68	11·7	VIII	0	VII,VIII	59·3	+1·4	28·0	XII	6·8

(b) Observations for 29 days. (d) Observations for 27 days. (e) Observations for 26 days. (f) Observations for 25 days.

le VI A—Abstract of hours of bright sunshine and nocturnal radiation temperature at 14 stations during each month and the year 1949—*contd.*

Station, titude and ongitude.	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
AGAR— 34° 05′ N. g. 74° 50′ E.	January	8	12	9	2	0	75·3	24	6·9	18	0	8 days	28·6	+4·1	19·2	13	3·5	+0·3
	February	12	7	3	6	0	63·6	21	8·0	26	0	8 days	25·1	—2·6	16·0	15	2·4	—0·7
	March	5	8	8	6	4	135·5	37	10·0	26	0	4 days	35·3	+2·0	25·9	16	3·4	—0·8
	April	3	2	10	5	10	191·1	50	11·9	29	0	2,9,10	42·7	+2·4	33·8	14	4·7	0
	May	1	1	6	7	16	263·2	61	12·3	8	0	27	48·1	+1·0	42·2	3	6·6	+1·6
	June	0	7	12	9	2	143·3	34	10·4	4	0·5	20	50·5	—2·7	44·8	4	6·1	+0·8
	July	0	2	6	13	10	235·5	54	11·7	17	1·9	9	60·7	—0·5	47·8	2	5·7	+1·2
	August	1	2	3	7	18	241·2	61	11·8	14	0	2	58·0	—1·9	49·6	23	4·7	+0·8
	September	2	2	2	5	19	239·9	64	10·6	9	0	28,29	47·8	—0·7	42·0	15	6·8	+1·3
	October	2	2	2	7	18	245·8	70	10·3	26	0	22,28	32·3	—2·4	21·2	27	9·1	+2·4
	November	9	2	3	4	12	161·8	52	9·6	4	0	4 days	21·5	—4·1	14·7	17	7·1	+0·9
	December	6	7	7	11	..	129·0	42	9·0	3	0	6 days	20·5	—3·5	11·9	4,5	5·4	+0·7
	Year	49	54	71	82	109	2,125·2	48	12·3	V	0	10 months	39·3	—0·7	11·9	XII	5·5	+0·8
HPUR— t. 26° 18′ N. ng. 73° 01′ E.	January	0	0	2	7	22	282·1	85	10·3	27	3·5	13	48·6	+5·1	31·0	4	3·2	—1·2
	February	0	0	0	5	23	269·4	85	10·7	27	6·8	12	51·4	+3·7	37·3	7	2·2	—3·9
	March	0	2	3	4	22	276·9	72	11·1	27	2·1	10	63·0	+5·4	49·2	5	0·8	—3·7
	April	0	0	0	6	24	306·9	80	11·6	22	7·5	11	70·6	+2·8	60·3	15	4·6	—0·8
	May	0	0	2	5	24	303·7	73	11·9	16	3·4	25	80·5	+4·9	75·1	8	4·7	—0·7
	June	0	1	1	6	22	294·2	71	11·9	21	2·3	8	79·8	+0·6	69·8	3	3·8	—0·3
	July	1	7	4	8	11	208·8	49	11·5	4	0	8	76·2	—1·2	72·6	8	4·0	+1·9
	August	0	4	3	11	13	240·7	60	11·3	24	0·2	4	75·5	—0·5	71·6	26	1·6	—0·4
	September	0	1	1	5	23	273·6	74	10·8	11,23,24	0·7	1	77·3	+6·1	74·2	17	1·9	—0·8
	October	0	0	0	2	29	312·7	87	10·9	7	6·6	25	65·8	+5·5	46·2	31	4·3	—2·1
	November	0	0	2	1	27	293·9	90	10·6	4,5,6	4·4	29	51·6	+3·6	43·2	1	5·0	—5·4
	December	0	0	2	0	29	300·4	92	10·4	4	5·4	17	47·9	+4·8	38·2	3	1·3	—5·5
	Year	1	15	20	60	269	3,363·3	76	11·9	V, VI	0	VII	65·7	+3·4	31·0	I	3·1	—1·9
PUR— t. 26° 55′ N. ng. 75° 50′ E.	January	0	1	5	6	19	265·9	81	10·6	26	0·1	14	43·7	+7·2	23·2	6	6·8	—3·6
	February	0	1	1	4	22	264·9	84	11·0	28	3·0	2	43·3	+3·3	26·3	15	8·4	—2·0
	March	0	3	2	8	18	261·5	70	11.1	4 days	1·4	9,10	51·8	+2·7	35·6	16	9·2	—0·6
	April	0	0	0	5	25	305·7	80	11·7	23	6·8	6	61·4	+2·2	48·5	13	10·0	+0·2
	May	0	1	4	13	13	256·2	61	11·6	17,18	2·1	26	75·9	+7·1	66·6	18	6·6	—1·3
	June	0	4	6	6	14	220·4	53	11·2	19	1·3	30	75·7	—0·2	68·6	1	4·9	+0 5
	July	4	9	10	6	2	123·4	29	10·3	17	0	4 days	75·8	+0·6	72·7	9	2·3	—0·7
	August	1	2	8	11	9	213·0	53	11·2	24,30	0	18	71·4	—1·3	63·3	25	4·1	+0·9
	September	1	2	2	7	18	246·0	67	11·5	9	0	1	71·8	+4·3	67·7	29	4·0	—1·1
	October	0	1	0	5	25	296·6	86	10·9	7, 8	2·6	25	56·2	+1·2	40·6	31	9·3	+0·2
	November	0	1	0	2	27	292·5	92	11·3	10	1·7	29	38·6	—4·5	31·7	25	11·4	+0·8
	December	0	0	1	2	28	296·6	91	10·5	4	5·2	17	33·5	—3·2	27·8	4	11·6	+0·9
	Year	6	25	39	75	220	3,048·1	71	11·7	IV	0	VII, VIII, IX	58·3	+1·6	23·2	I	7·4	—0·5

Table VI A—Abstract of hours of bright sunshine and nocturnal radiation temperature at 14 during each month and the year 1949—*contd.*

Station, Latitude and Longitude.	Month.	Bright Sunshine.											Nocturnal radiation temperatu (1½" above ground).				
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of sunshine in the month or year.	Duration in the month or year.				Mean Minimum.	Departure from normal.	Lowest in the month or year.	Date.	Mean depression below
									Maximum.		Minimum.						
		Nil or trace.	0·1 to 3 hours.	3·1 to 6 hours.	6·1 to 9 hours.	Above 9 hours.			Hours.	Date.	Hours.	Date.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1
BARODA— Lat. 22° 18′N. Long. 73° 15′E.	January	0	1	2	3	25	288·1	85	10·5	5, 9	0·5	14	..	..	..	..	.
	February*	0	0	0	1	15	163·7	90	11·0	16	9·0	4	..	..	..	..	.
	March	0	0	0	3	28	294·5	81	11·1	16	8·2	9	..	..	..	..	.
	April*	0	0	0	0	28	309·1	87	12·1	29	9·3	12	..	..	..	..	.
	May	0	0	1	2	28	336·7	82	12·3	15, 18, 20	4·4	11	..	..	..	..	.
	June*	0	1	4	9	15	247·3	63	13·2	16	1·7	9	..	..	..	..	.
	July	3	12	8	6	2	128·8	31	10·3	1	0	7, 14, 24	..	..	..	..	.
	August*	0	4	7	11	7	195·4	52	11·9	25	2·3	5	..	..	..	..	.
	September*	2	8	4	11	2	131·1	39	10·3	22	0	2, 10	..	..	..	..	.
	October	0	1	1	9	20	272·3	75	10·5	15, 23	2·9	27	..	..	..	..	.
	November*	0	0	0	1	27	285·5	92	10·7	10	9·0	2	..	..	..	..	.
	December	0	0	0	0	31	319·4	95	10·7	1	10·1	14, 19	..	..	..	..	.
	Year	5	27	27	56	228	2,971·9	73	13·2	VI	0	VII, IX	..	..	..	..	.
NAGPUR— Lat. 21° 09′N. Long. 79° 07′E.	January	0	0	1	1	29	299·1	67	0·9	28	4·6	15	..	..	..	..	.
	February	0	0	1	0	27	282·1	72	10·8	28	5·9	4	..	..	..	..	.
	March	0	0	1	3	27	311·9	72	11·4	14	5·2	31	..	..	..	..	.
	April	0	0	1	2	27	316·2	88	11·9	30	4·7	3	..	..	..	..	.
	May	0	1	0	10	20	294·2	68	11·8	1, 2, 3	1·4	19	..	..	..	..	.
	June	3	4	9	9	5	167·8	40	12·1	17	0	9, 11, 26	..	..	..	..	.
	July	3	14	4	10	0	111·8	26	8·5	20	0	1, 5, 6	..	..	..	..	.
	August	3	10	9	6	3	126·0	29	10·0	31	0	13, 15, 16	..	..	..	..	.
	September (*b*)	1	12	6	9	1	130·9	32	9·0	21	0	4	..	..	..	..	.
	October (*b*)	2	5	3	7	12	206·7	64	10·7	19	0	16, 29	..	..	..	..	.
	November	0	0	0	1	29	305·7	73	10·6	5 days	6·7	18	..	..	..	..	.
	December	0	0	0	0	31	307·7	71	10·3	1	9·4	9	..	..	..	..	.
	Year	12	46	35	58	211	2,860·1	59	12·1	VI	0	5 months	..	..	..	..	.
BOMBAY— Lat. 18° 54′N. Long. 72° 49′E.	January	0	1	2	2	26	279·2	81	10·2	17, 18	0·8	14	58·1	—0·7	52·8	20	
	February	0	0	0	1	27	273·1	85	10·4	7	8·8	4	56·1	—3·8	41·2	11	
	March	0	0	0	25	6	261·4	70	9·7	31	7·2	23	62·5	—2·9	53·0	5	
	April	0	0	0	6	24	286·7	76	10·6	29	8·1	27	68·4	—2·7	61·0	1	
	May	1	3	6	11	10	217·9	54	10·5	28	0	23	74·6	—1·8	70·3	1	
	June	4	7	10	2	7	146·2	37	10·3	16	0	4 days	75·6	—1·2	73·0	14	
	July	8	9	10	4	0	81·7	20	8·3	9	0	8 days	76·1	+0·8	73·8	7	
	August	9	8	5	7	2	103·6	26	9·6	30	0	9 days	75·3	+0·9	71·8	11	
	September	9	8	8	5	0	81·8	22	8·5	11	0	9 days	73·2	—0·2	70·0	22	
	October	0	3	6	10	12	236·4	65	10·6	30	0·1	11	74·0	+3·4	63·0	31	
	November	0	0	0	2	28	306·7	91	11·4	10, 11	7·1	18	62·6	—2·3	56·2	12	
	December	0	0	0	0	31	318·2	93	10·5	1, 3, 20	10·0	6, 10, 30	56·0	—4·5	50·2	14	
	Year	31	39	47	75	173	2,592·9	60	11·4	XI	0	5 months	67·8	—1·2	41·2	II	

*Data not available for some days.

(*b*) Observations of bright sunshine for 29 days.

ble VI A—Abstract of hours of bright sunshine and nocturnal radiation temperature at 14 stations during each month and the year 1949—*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
ONA— Lat. 18° 32′N. Long. 73° 51′E.	January	0	0	1	4	26	297·6	86	10·2	5 days	4·9	14	50·0	+3·6	43·6	17	5·6	—0·5
	February	0	0	0	0	28	283·5	88	10·4	8, 19	9·6	21	48·6	+0·3	34·0	7	6·5	—0·4
	March	0	0	1	6	24	287·1	77	10·5	17	6·2	1	56·5	+2·4	47·0	20	7·1	—0·1
	April	0	0	0	3	27	306·8	81	11·1	19	7·5	5	62·7	+1·6	53·3	13	6·0	—1·1
	May	0	3	7	6	15	240·6	60	11·4	4	1·8	19	66·1	—0·1	57·8	19	7·4	+1·3
	June *	2	3	8	7	7	167·7	42	10·6	13	0	29, 30	70·2	+0·3	63·2	11	3·1	—0·2
	July †	4	13	8	5	0	92·9	18	8·5	21	0	4 days	68·9	—0·4	66·0	17	3·6	+1·4
	August	3	12	8	6	2	116·0	39	10·8	22	0	1, 2, 11	68·1	+0·3	63·9	26	2·9	+0·2
	September	3	11	8	6	2	116·1	32	10·7	7	0	4, 16, 23	67·5	+1·2	63·8	18	2·8	—0·1
	October	0	1	5	12	13	242·2	67	10·5	3	0·7	16	65·2	+2·9	53·3	30	3·5	—0·4
	November	0	0	1	6	23	280·9	83	10·2	10	4·7	18	50·6	—2·4	41·0	11	6·7	+1·4
	December	0	0	0	0	31	306·0	90	10·0	5 days	9·0	6	46·2	—1·2	39·0	22	5·9	+0·5
	Year	12	43	47	61	198	2,737·4	64	11·4	V	0	4 months	60·1	+0·8	34·0	II	5·1	+0·2
ANGALORE— Lat. 12° 58′N. Long. 77° 35′E.	January	0	0	0	9	22	282·0	80	10·1	28, 29	6·4	1	54·6	—0·2	47·2	9	3·0	+0·1
	February	0	1	1	7	19	254·4	78	10·7	29, 26	2·5	8	56·3	—0·3	51·1	25	1·7	—1·9
	March	0	0	0	1	30	311·7	83	10·8	23	7·2	18	61·3	+1·1	53·4	1	1·5	—2·7
	April	0	0	1	15	14	253·9	70	11·0	17	5·9	25	68·6	+2·1	63·4	4	0·6	+2·1
	May	2	2	5	11	11	216·1	55	10·4	25	9	21, 22	69·0	+1·6	65·6	14, 25	0·3	—1·2
	June	2	7	13	6	2	134·6	35	9·6	13, 14		5, 27	66·0	+0·1	63·8	10	1·9	+1·0
	July	7	11		4	1	93·5	24	10·0	18	0	11, 12, 25	65·5	+0·4	63·0	4	1·9	+1·1
	August	3	16		3	1	88·9	23	9·3	10	0	12, 26, 27	65·3	+0·5	63·4	10	2·2	+1·3
	September	2	9	10	8	1	127·3	35	9·4	29	0	20, 21	64·7	+0·3	61·6	21	2·2	+1·2
	October	0	3	11	12	5	190·9	52	9·9	29	0·7	22	64·3	+1·4	59·4	2	3·9	+1·8
	November	0	2	3	11	14	241·0	70	10·7	14	0·2	17	56·5	—2·6	45·0	10	5·0	+2·3
	December	0	0	1	12	18	272·2	77	9·7	14, 29	4·9	27	52·6	—2·8	46·9	1	6·1	+3·3
	Year	16	51	61	99	138	2,471·5	56	11·0	IV	0	5 months	62·1	+0·2	45·0	XI	2·5	+0·9
RIVANDRUM— Lat. 8° 29′N. Long. 76° 57′E.	January	0	2	2	5	22	279·4	77	10·8	18	0·3	1	..	..	..	..	..	..
	February	0	1	1	6	20	255·3	77	10·9	3	0·8	9	..	..	..	..	..	..
	March	0	0	0	3	28	311·7	84	11·2	10	6·6	2	..	..	..	..	..	..
	April	1	7	4	7	11	194·0	53	10·9	25	0	16	..	..	..	..	..	..
	May	0	8	6	5	12	193·3	50	10·4	8	0·3	23	..	..	..	..	..	..
	June	8	6	7	9	0	107·8	29	8·8	3	0	8 days	..	..	..	..	..	..
	July	4	12	5	8	2	115·5	30	10·5	22	0	4 days	..	..	..	..	..	..
	August	1	9	9	8	4	153·2	30	10·8	19	0	31	..	..	..	..	..	.
	September	1	7	5	11	6	169·9	47	9·9	27	0	20	..	..	..	..	..	..
	October	1	7	6	13	4	176·5	48	10·8	3	0	22	..	..	..	..	..	..
	November‡	0	6	5	7	8	166·9	48	11·1	24	0·2	20	..	..	..	..	..	..
	December	1	5	2	8	15	238·2	66	10·9	13, 16	0	27	..	..	..	..	..	..
	Year	17	70	52	90	132	2,361·7	54	11·2	III	0	7 months	..	..	..	..	..	..

* Observations of bright sunshine for 22 days. † Observations of bright sunshine for 30 days. ‡ Observations of bright sunshine for 26 days.

Table VI A—Abstract of hours of bright sunshine and nocturnal radiation temperature at 14 stat during each month and the year 1949—*contd.*

Station. Latitude and Longitude.	Month.	Bright Sunshine.											Nocturnal radiation temperature (1¼" above ground).				
		No. of days with duration.					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.		Minimum.						
		Nil or trace.	0·1 to 3 hours.	3·1 to 6 hours.	6·1 to 9 hours.	Above 9 hours.			Hours.	Date.	Hours.	Date.	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
MADRAS— Lat. 13° 04′ N. Long. 80° 15′E.	January	0	0	2	2	27	310·7	88	11·0	28, 29	5·0	9	64·2	—1·2	60·8	19	3·0
	February	0	0	1	6	21	280·0	85	11·4	25, 26	3·4	15	65·4	—0·6	60·0	25	2·9
	March	0	0	0	0	31	334·5	90	11·3	23	9·8	31	69·7	+0·1	65·0	12	3·3
	April	0	0	1	4	25	298·2	80	11·4	17	4·4	2	77·9	+2·0	66·7	6	2·6
	May	2	3	4	6	16	246·9	63	12·2	18	0	13, 21	..	..	..	..	..
	June	0	2	7	6	15	239·2	62	12·1	13	1·1	16	..	..	..	..	..
	July	2	6	7	9	7	179·4	45	11·6	18	0	10, 11	..	..	..	..	..
	August	2	2	12	12	3	179·7	46	11·2	23	0	11, 12	..	..	..	..	..
	September	3	7	7	9	4	150·9	41	10·1	23	0	2, 17, 21	..	..	..	..	..
	October	3		2	10	14	233·0	64	11·1	4, 13	0	20, 26, 27	..	..	..	..	..
	November	1	1	1	7	20	266·5	77	11·2	8	0	16	67·4	—3·1	59·4	12	4·0
	December	0	0	1	6	24	295·6	84	11·0	13	6·0	27	63·9	—3·4	59·3	31	3·5
	Year	13	23	45	77	207	3,014·6	68	12·2	V	0	6 months	..	..	..	..	..
KODAIKANAL— Lat. 10° 14′N. Long. 77° 28′E.	January	1	2	3	7	18	262·6	73	11·2	21, 22	0	1	34·3	—3·6	24·1	30	11·6
	February	0	1	4		19	257·6	78	11·4	2, 4	2·0	8	32·6	—5·3	26·8	14	13·6
	March	0	0	0	9	22	299·2	80	11·3	13	6·6	1	36·5	—4·4	26·9	7	13·9
	April	0	0	5	11	14	251·1	68	10·9	19	3·4	22	40·1	—4·9	37·3	1	13·9
	May	1	3	12	13	2	180·8	46	9·7	11	0	21	47·9	—0·3	39·8	6	6·6
	June	0	10	16	4	0	116·7	31	8·1	26	0·1	20	48·4	—0·2	42·9	29	5·5
	July	1	17	8	5	0	97·2	25	8·9	19	0	12	47·8	—0·7	42·3	19	5·3
	August	2	8	13	8	0	122·5	32	8·6	15	0	26, 27	49·7	+1·8	44·8	23	3·1
	September	1	9	13	7	0	120·5	33	8·6	24	0	12	48·8	+1·4	43·3	16	4·3
	October	1	9	15	5	1	133·5	36	10·9	27	0	22	48·3	+1·9	42·5	2	4·1
	November	1	10	5	6	8	167·3	48	11·0	24	0	27	31·9	—2·8	28·0	9	6·5
	December	1	1	3	8	18	263·9	74	11·5	13, 15	0	5	36·6	—3·9	28·7	30	9·8
	Year	9	70	97	87	102	2,272·9	52	11·5	XII	0	8 months	42·7	—1·7	24·1	I	8·2

BLE VII.—MEAN HOURLY AND EXTREME PRESSURES (IN MB.) AT STATION LEVEL AT 12 STATIONS IN INDIA FOR THE YEAR 1949.

(READINGS AT EXACT HOURS I. S. T.)

Table VII.—Mean hourly and extreme pressures (in

(Readings at e

Hours I. S. T. / Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	
														*CALC
January	1,017·8	1,016·6	1,016·5	1,016·3	1,016·3	1,016·7	1,017·4	1,018·2	1,019·0	1,019·5	1,018·9	1,017·8	1,016·6	1
February	1,013·9	1,013·5	1,013·1	1,012·9	1,013·0	1,013·5	1,014·2	1,015·2	1,015·9	1,016·2	1,015·9	1,015·0	1,014·0	1
March	1,011·6	1,011·0	1,010·7	1,010·6	1,010·8	1,011·5	1,012·2	1,013·1	1,014·7	1,014·0	1,013·5	1,012·6	1,011·6	1
April	1,008·9	1,008·3	1,008·0	1,007·9	1,007·8	1,008·6	1,009·3	1,010·0	1,010·5	1,010·5	1,010·1	1,009·6	1,008·6	1
May	1,005·7	1,005·5	1,005·3	1,005·3	1,005·6	1,006·0	1,006·7	1,006·9	1,007·5	1,007·4	1,007·3	1,006·7	1,005·8	1
June	1,001·6	1,001·3	1,001·1	1,001·1	1,001·2	1,001·6	1,002·0	1,002·4	1,002·6	1,002·6	1,002·5	1,002·1	1,001·5	1
July	1,002·2	1,001·8	1,001·6	1,001·5	1,001·6	1,001·8	1,002·5	1,002·9	1,003·0	1,003·1	1,003·7	1,002·6	1,001·9	1
August	1,002·6	1,002·4	1,002·1	1,002·4	1,002·1	1,002·5	1,003·0	1,003·5	1,003·9	1,004·0	1,003·8	1,003·4	1,002·7	1
September	1,004·7	1,004·5	1,004·1	1,004·0	1,004·2	1,004·6	1,005·2	1,005·7	1,005·9	1,006·1	1,005·9	1,005·4	1,004·5	1
October	1,009·8	1,009·6	1,009·3	1,009·3	1,009·6	1,009·9	1,010·4	1,011·0	1,011·7	1,011·7	1,011·2	1,010·3	1,009·4	1
November	1,014·0	1,013·7	1,013·5	1,013·5	1,013·7	1,014·2	1,014·8	1,015·5	1,016·2	1,015·9	1,015,8	1,014·8	1,013·8	1
December	1,015·2	1,014·8	1,014·6	1,014·6	1,014·7	1,015·1	1,015·8	1,016·0	1,017·4	1,017·5	1,016·8	1,015·8	1,014·5	1
Year	1,008·9	1,008·5	1,008·3	1,008·3	1,008·3	1,008·8	1,009·4	1,010·0	1,010·6	1,010·7	1,010·4	1,009·6	1,008·7	1
														ALLAH
January	1,004·7	1,004·4	1,004·2	1,003·9	1,003·8	1,004·3	1,004·9	1,005·8	1,006·8	1,007·3	1,006·9	1,006·0	1,004·8	1
February	1,001·2	1,000·8	1,000·5	1,000·2	1,000·1	1,000·9	1,001·7	1,002,4	1,003·1	1,003·8	1,003·6	1 002·8	1·001·7	1
March	998·5	998·0	998·0	998·2	997·7	998·2	998·7	1,000·1	1,000·4	1,000·8	1,000·7	998·9	998·6	
April	993·0	992·6	992·4	992·4	992·7	993·6	994·3	995·2	695·6	996·2	996·1	995·0	993·9	
May	989·7	989·3	988·9	988·8	989·6	990·4	991·6	992·1	992·7	993·3	992·9	991·6	990·4	
June	986·6	986·2	985·9	986·0	986·3	987·0	987·8	988·4	988·7	989·3	989·0	988·3	987·1	
July	987·8	986·9	986·5	986·6	986·9	987·5	988·2	988·9	989·2	989·7	989·6	988·9	987·9	
August	989·3	988·9	988·5	988·4	988·6	989·5	990·5	991·3	991·3	992·0	992·0	991·1	990·4	
September	990·5	990·0	989·5	989·5	989·8	990·5	991·3	991·6	992·8	993·5	993·2	992·1	990·7	
October	996·8	996·4	996·2	996·1	996·5	997·2	998·1	999·0	999·6	1,000·1	999·7	998·7	997·4	
November	1,002·4	1,002·0	1,001·5	1,001·4	1,001·9	1,002·7	1,003·4	1,004·3	1,005·3	1,006·1	1,005·4	1,004·4	1,003·2	1
December	1,003·1	1,002·9	1,002·5	1,002·4	1,002·7	1,003·2	1,004·0	1,004·9	1,005·9	1,006·1	1,005·4	1,004·2	1,003·0	1
Year	995·3	994·9	994·5	994·5	994·8	995·6	996·2	997·0	997·8	998·2	997·9	996·8	995·6	
														NEW D
January	990·6	990·4	990·3	990·1	990·0	990·1	990·7	991·4	991·7	992·4	992·7	992·1	991·0	
February	988·2	987·9	987·3	987·2	987·0	987·2	987·9	988·5	988·4	989·3	989·7	989·3	988·5	
March	985·9	985·5	985·0	984·7	984·7	985·2	986·0	986·2	986·4	987·5	987·7	987·3	986·4	
April	979·8	979·7	979·5	979·4	979·6	980·2	980·9	981·5	981·7	982·2	982·1	981·5	980·6	
May	975·5	975·3	975·3	975·4	975·9	976·7	977·4	977·9	978·1	978·3	978·1	977·6	977·0	
June	973·2	973·1	973·0	973·0	973·3	973·8	974·2	974·6	974·9	974·9	974·7	947·3	973·7	
July	973·2	973·0	972·8	972·7	972·9	973·3	974·0	974·5	974·8	974·9	974·9	974·5	973·9	
August	974·8	974·6	974·4	974·3	974·8	974·9	975·6	976·1	976·3	976·4	976·3	976·3	976·8	
September	977·3	977·0	976·7	976·5	976·7	977·0	977·8	978·1	978·6	979·0	979·0	978·7	977·9	
October	984·1	983·9	983·8	983·8	984·1	984·6	985·2	985·9	986·5	986·6	986·3	985·5	984·5	
November	989·6	989·4	989·2	989·1	989·1	989·5	990·2	990·8	991·5	991·9	991·7	990·9	989·9	
December	989·8	989·7	989·6	989·4	989·4	989·7	990·3	990·9	991·7	992·0	991·8	990·8	989·8	
Year	981·3	981·6	981·4	981·3	981·5	981·9	982·5	983·0	983·4	983·8	983·8	983·2	982·4	

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

Hb—The height of barograph above mean sea level.

tation level at 12 stations in India for the year 1949

rs I. S. T.)

	16	17	18	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Extremes. Highest.	Extremes. Lowest.	Hours I. S. T. Month.
22 Feet.)															
5·1	1,014·9	1,015·1	1,015·9	1,016·1	1,016·8	1,017·3	1,017·7	1,017·7	1,017·5	1,016·9	1,019·5	1,014·8	1,022·2	1,012·2	January.
·9	1,011·7	1,011·8	1,012·3	1,012·8	1,013·3	1,014·0	1,014·2	1,015·5	1,014·2	1,013·7	1,016·3	1,011·6	1,021·3	1,007·0	February.
·7	1.009·2	1,009·1	1,009·5	1,009·9	1,010·9	1,011·6	1,011·9	1,012·1	1,011·9	1,011·4	1,014·9	1,009·0	1,018·5	1,004·5	March.
·9	1,006·4	1,006·3	1,006·5	1,006·8	1,008·2	1,009·1	1,009·8	1,009·9	1,009·3	1,008·5	1,011·3	1,005·9	1,014·2	1,002·4	April.
·2	1,003·8	1,003·7	1,004·3	1,004·6	1,005·7	1,006·4	1,006·6	1,006·8	1,006·4	1,005·8	1,008·0	1,003·2	1,014·5	997·6	May.
·3	1,000·0	999·9	1,000·3	1,000·9	1,001·4	1,002·1	1,002·5	1,002·5	1,002·1	1,001·5	1,003·2	999·5	1,006·9	995·9	June.
·7	1,000·2	1,000·2	1,000·5	1,001·0	1,001·9	1,002·2	1,002·9	1,002·9	1,002·7	1,001·9	1,003·5	1,000·0	1,006·4	997·0	July.
·3	1,001·0	1,000·9	1,001·2	1,001·8	1,002·5	1,003·2	1,003·7	1,003·7	1,003·2	1,002·6	1,004·3	1,000·7	1,010·7	995·9	August.
·0	1.002·7	1,002·7	1,003·0	1,003·6	1,004·3	1,005·1	1,005·4	1,005·5	1,005·1	1,004·5	1,006·4	1,002·4	1,010·3	999·0	September.
·1	1,008·1	1,008·1	1,008·4	1,009·0	1,009·6	1,010·0	1,010·3	1,010·4	1,010·1	1,009·7	1,011·8	1,007·8	1,014·2	1,003·8	October.
·4	1,012·2	1,012·4	1,012·7	1,012·9	1,013·8	1,014·2	1,014·4	1,014·4	1,014·1	1,014·0	1,016·3	1,012 1	1,019·6	1,009·8	November.
·3	1,013·0	1,013·4	1,013·6	1,014·2	1,014·7	1,015·2	1,015·4	1,015·4	1,015·3	1,015·0	1,017·6	1,011·9	1,021·1	1,007·8	December.
·2	1,006·9	1,006·9	1,007·3	1,007·8	1,008·5	1,009·2	1,009·5	1,009·7	1,009·3	1,008·8	1,011·0	1,006·5	1,022·2	995·9	*Year.*
ULI) (Hb=324 Feet.)															
·8	1,008·0	1,008·0	1,003·3	1,003·8	1,004·4	1,004·9	1,005·1	1,005·0	1,004·8	1,004·7	1,007·4	1,002·8	1,011·1	999·0	January.
·1	1,000·0	999·8	999·9	1,000·3	1,000·9	1,001·5	1,001·7	1,001·5	1 001·5	1,001·3	1,003·8	999·4	1,010·0	994·0	February.
·0	996·4	996·2	996·4	996·9	997·7	998·1	998·8	998·9	998·4	998·0	1,001·0	996·1	1,005·0	992·1	March.
·7	990·9	990·6	990·7	991·2	992·0	992·8	993·3	993·3	993·1	993·1	996·1	990·5	999·8	986·1	April.
·9	986·8	986·2	986·5	986·9	988·2	989·1	989·9	990·2	990·7	989·6	993·7	986·2	1,000·8	980·4	May.
·6	983·5	983·0	983·2	983·9	984·9	985·8	986·6	986·8	986·7	986·3	989·7	982·8	993·7	976·6	June.
·8	984·9	984·6	986·9	984·0	986·9	987·7	988·3	988·4	988·1	987·3	990·0	984·3	996·0	980·3	July.
·1	987·4	987·1	987·5	988·5	989·3	990·2	990·7	990·6	990·4	989·5	992·5	986·7	998·9	980·9	August.
·5	987·6	987·5	988·1	989·2	990·2	991·0	991·3	991·2	991·0	990·2	993·7	987·0	998·0	983·6	September.
·4	994·9	994·9	995·5	996·1	997·0	997·5	997·7	997·6	997·4	997·0	1,000·7	994·5	1,007·0	990·5	October.
8	1,001·5	1,001·6	1,001·8	1,002·5	1,003·0	1,003·2	1,003·3	1,003·1	1,002·7	1,003·0	1,006·3	1,001·0	1,009·0	997·4	November.
9	1,001·7	1,003·0	1,002·1	1,002·7	1,003·2	1,003·5	1,003·7	1,003·6	1,003·3	1,003·3	1,006·2	1,001·5	1,011·0	996·7	December.
5	993·2	993·8	993·6	994·0	994·8	995·4	995·9	995·9	995·6	995·3	998·4	984·4	1,011·1	976·6	*Year.*
4 Feet.)															
4	989·0	988·7	989·0	989·5	990·1	990·7	991·0	991·0	990·8	990·5	992·7	988·8	998·1	984·6	January.
6	986·2	986·1	986·1	986·6	987·2	987·9	988·3	988·5	988·4	987·6	990·0	985·7	995·7	979·2	February.
4	983·9	983·6	983·5	984·6	984·6	985·3	985·7	985·9	985·8	985·4	987·9	983·0	991·7	975·8	March.
7	977·8	977·4	977·2	977·5	978·1	978·8	979·5	979·7	979·8	979·7	982·3	977·2	986·8	972·7	April.
9	973·8	973·2	973·1	973·3	973·9	974·5	975·3	975·7	975·6	975·8	978·8	972·9	985·7	967·0	May.
2	971·2	970·6	970·3	970·8	971·2	971·9	972·6	972·9	973·0	973·0	975·1	970·2	979·8	963·1	June.
4	971·7	971·8	971·0	971·3	971·9	972·7	973·3	973·5	973·6	973·1	975·2	970·8	978·2	967·0	July.
1	973·3	973·0	972·8	973·1	973·7	974·3	974·9	975·1	975·1	974·8	976·8	972·7	982·9	968·2	August.
1	975·4	975·1	975·2	975·5	976·1	976·8	977·3	977·5	977·5	977·1	979·3	974·9	984·3	970·7	September.
9	982·8	982·3	982·3	982·8	983·4	983·9	984·1	984·3	984·3	984·3	986·7	982·2	991·8	979·7	October.
5	988·1	988·0	988·2	988·6	989·2	989·6	989·8	989·9	989·8	989·7	992·1	988·0	994·7	984·8	November.
8	988·1	988·1	988·3	988·8	989·3	990·3	989·9	990·0	989·8	989·7	992·2	988·0	996·2	981·7	December.
7	980·1	979·7	979·7	980·2	980·7	981·4	981·8	982·0	981·9	981·7	984·1	979·8	998·1	968·1	*Year.*

Table VII.—Mean hourly and extreme pressures (in

(Readings at e

Hours I. S. T. / Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	
														JODI
January	990·5	990·3	990·3	989·8	989·8	990·2	990·5	991·5	992·2	992·9	992·9	991·9	990·9	
February	987·8	987·5	987·1	986·8	986·8	987·1	987·8	988·8	989·5	989·8	989·8	989·1	988·1	
March	985·1	985·1	984·8	984·4	984·8	985·1	985·8	986·5	987·1	987·8	987·5	986·8	986·1	
April	980·4	980·0	979·7	979·7	980·4	981·0	982·1	982·7	983·4	983·4	982·7	982·1	981·4	
May	975·6	975·6	975·6	975·6	976·3	976·6	977·7	978·3	978·7	978·7	978·3	978·0	977·0	
June	974·3	974·3	973·9	974·3	974·6	975·3	976·0	976·3	976·6	976·6	976·3	976·0	975·3	
July	973·2	972·9	972·9	972·9	973·2	973·6	974·3	974·6	974·9	974·9	974·9	974·6	973·9	
August	975·6	975·3	975·3	975·3	975·3	976·0	976·3	977·0	977·7	977·3	977·3	977·0	976·3	
September	977·0	976·6	976·6	976·6	977·0	977·3	978·0	979·0	979·3	979·7	979·3	978·7	977·7	
October	983·7	983·7	983·7	983·7	983·7	984·4	985·1	985·8	986·5	986·5	986·1	985·1	984·1	
November	989·2	988·8	988·8	988·8	988·8	989·2	989·8	990·5	991·2	991·5	991·2	990·5	989·5	
December	989·5	989·2	988·8	988·8	988·8	989·2	989·8	990·2	991·2	991·9	991·5	990·5	989·5	
Year	981·8	981·6	981·5	981·4	981·6	982·1	982·8	983·4	984·0	984·3	983·9	983·4	982·5	
														BAR
January	1,012·8	1,012·5	1,012·5	1,012·2	1,012·2	1,012·5	1,012·8	1,014·2	1,014·5	1,015·2	1,015·2	1,014·2	1,012·8	1
February	1,010·8	1,010·5	1,010·1	1,010·1	1,010·1	1,010·1	1,010·8	1,012·3	1,012·8	1,013·2	1,013·2	1,012·5	1,011·5	1,
March	1,008·1	1,008·1	1,007·8	1,007·4	1,007·8	1,008·1	1,008·8	1,009·8	1,010·5	1,010·5	1,010·8	1,010·1	1,008·8	1
April	1,005·4	1,005·1	1,005·1	1,005·1	1,005·1	1,005·7	1,006·4	1,007·4	1,008·1	1,008·1	1,008·1	1,007·1	1,006·1	1,
May	1,002·0	1,002·0	1,001·7	1,001·7	1,002·0	1,002·4	1,003·0	1,004·0	1,004·0	1,004·4	1,004·0	1,003·7	1,002·4	1,
June	1,000·1	1,000·3	1,000·3	1,000·3	1,000·3	1,000·7	1,001·3	1,001·7	1,001·7	1,002·0	1,001·7	1,001·3	1,000·3	
July	999·3	999·0	998·6	998·3	998·3	998·3	998·6	999·3	1,000·0	1,000·0	1,000·0	999·6	999·3	
August	1,000·7	1,000·7	1,000·3	1,000·0	1,000·0	1,000·0	1,000·7	1,001·3	1,002·0	1,002·0	1,002·0	1,001·7	1,001·0	1,
September	1,002·4	1,002·0	1,001·7	1,001·7	1,001·7	1,001·7	1,002·4	1,003·0	1,003·7	1,004·0	1,003·7	1,003·4	1,002·7	1,
October	1,006·4	1,006·4	1,006·1	1,006·1	1,006·1	1,006·4	1,007·1	1,007·8	1,008·4	1,009·1	1,008·8	1,007·8	1,006·8	1,
November	1,011·2	1,011·2	1,010·8	1,010·5	1,010·5	1,010·8	1,011·5	1,012·5	1,012·8	1,012·9	1,013·5	1,012·5	1,011·5	1,
December	1,011·2	1,011·2	1,010·8	1,010·8	1,010·8	1,011·2	1,011·5	1,012·5	1,013·2	1,013·9	1,013·5	1,012·5	1,011·2	1,
Year	1,005·9	1,005·7	1,005·5	1,005·3	1,005·4	1,005·7	1,006·2	1,007·1	1,007·6	1,007·9	1,007·9	1,007·2	1,006·2	1,
														VERA
January	1,013·9	1,013·5	1,013·3	1,012·9	1,012·8	1,012·9	1,013·4	1,014·1	1,014·6	1,015·2	1,015·5	1,015·1	1,014·3	1,
February	1,012·4	1,012·1	1,011·6	1,011·2	1,011·1	1,011·2	1,011·7	1,012·5	1,013·1	1,013·7	1,014·0	1,013·7	1,012·8	1,
March	1,010·7	1,010·3	1,009·9	1,009·7	1,009·6	1,009·9	1,010·3	1,011·1	1,011·6	1,012·0	1,012·0	1,011·8	1,011·2	1,
April	1,008·1	1,007·8	1,007·4	1,007·1	1,007·0	1,007·3	1,007·7	1,008·4	1,008·9	1,009·2	1,009·3	1,009·2	1,008·7	1,
May	1,004·0	1,003·7	1,003·2	1,003·1	1,003·1	1,003·3	1,003·9	1,004·5	1,004·9	1,005·2	1,005·4	1,005·3	1,004·9	1,
June	1,001·6	1,001·2	1,000·9	1,000·6	1,000·5	1,000·7	1,001·1	1,001·5	1,002·0	1,002·2	1,002·5	1,002·5	1,002·0	1,
July	1,000·3	999·9	999·6	999·4	999·3	999·4	999·9	1,000·2	1,000·5	1,000·7	1,000·7	1,000·7	1,000·5	1,
August	1,001·8	1,001·3	1,000·9	1,000·7	1,000·8	1,001·1	1,001·5	1,002·0	1,002·5	1,002·9	1,003·1	1,002·9	1,002·6	1,
September	1,004·0	1,003·7	1,003·2	1,003·0	1,003·1	1,003·4	1,003·8	1,004·4	1,005·0	1,005·4	1,005·5	1,005·3	1,004·9	1,
October	1,008·1	1,007·8	1,007·5	1,007·3	1,007·4	1,007·8	1,008·3	1,009·0	1,009·4	1,009·8	1,009·7	1,009·2	1,008·4	1,
November	1,011·9	1,011·6	1,011·4	1,011·2	1,011·3	1,011·6	1,120·1	1,012·8	1,013·3	1,013·8	1,013·6	1,013·0	1,012·2	1,
December	1,012·3	1,012·1	1,011·9	1,011·7	1,011·8	1,012·0	1,012·5	1,013·2	1,013·9	1,014·4	1,014·3	1,013·7	1,012·7	1,
Year	1,007·4	1,007·1	1,006·7	1,006·5	1,006·5	1,006·7	1,007·2	1,007·8	1,008·3	1,008·7	1,008·8	1,008·5	1,007·9	1,

tion level at 12 stations in India for the year 1949—*contd.*

s I. S. T.)

	16	17	18	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Extremes. Highest.	Extremes. Lowest.	Hours I. S. T. Month.
38 Feet.)															
2	988·8	988·8	988·8	989·5	989·8	990·5	990·9	990·9	990·5	990·5	992·9	988·5	997·6	984·1	January.
1	985·8	985·4	985·4	986·1	986·8	987·5	987·8	987·8	987·8	987·5	990·5	985·4	996·3	979·3	February.
1	983·4	983·1	983·1	983·4	984·1	984·8	985·1	985·1	985·1	985·1	987·8	982·7	992·0	978·0	March.
3	978·7	978·0	978·0	978·3	979·0	979·3	980·0	980·4	980·4	980·4	983·4	977·7	987·8	973·6	April.
9	974·3	973·9	973·6	973·9	974·3	974·9	975·3	975·6	975·6	976·0	979·0	973·6	983·7	968·1	May.
6	972·9	972·2	971·9	971·9	972·6	972·9	973·6	973·9	973·9	974·2	976·9	971·5	981·6	966·1	June.
2	971·6	970·9	970·9	971·6	972·2	972·6	972·9	973·2	973·6	973·2	975·3	970·9	978·0	967·3	July.
6	973·9	973·6	973·2	973·9	974·6	975·3	976·0	976·0	976·0	975·6	978·5	973·3	982·0	967·0	August.
6	974·6	974·3	974·3	974·9	975·6	976·6	977·0	977·0	977·3	977·0	979·7	974·3	983·3	972·0	September.
4	982·1	981·7	981·7	982·4	983·1	983·4	983·7	983·7	984·1	983·7	986·5	981·7	991·2	979·7	October.
2	987·8	987·8	988·2	988·5	988·8	989·2	989·[illegible]	989·5	989·5	989·2	991·9	987·8	994·2	985·4	November.
8	987·5	987·5	987·8	988·5	988·8	989·2	989·5	989·5	989·2	990·5	991·9	987·5	995·9	981·0	December.
7	980·1	979·8	979·7	981·9	980·8	981·3	981·8	981·9	981·9	981·9	984·5	979·6	997·6	966·1	*Year.*
15 Feet.)															
8	1,010·5	1,010·5	1,010·5	1,010·8	1,011·8	1,012·5	1,012·8	1,012·8	1,012·8	1,012·6	1,015·2	1,010·5	1,017·6	1,006·1	January.
1	1,008·4	1,008·1	1,008·1	1,008·8	1,009·5	1,010·1	1,010·8	1,010·8	1,010·8	1,010·5	1,013·5	1,008·1	1,016·2	1,004·0	February.
4	1,005·7	1,005·4	1,005·4	1,005·7	1,007·1	1,007·4	1,007·8	1,008·1	1,008·1	1,008·1	1,011·2	1,005·4	1,012·8	1,002·7	March.
4	1,002·7	1,002·0	1,002·0	1,002·4	1,003·4	1,004·0	1,004·7	1,005·1	1,005·4	1,005·2	1,008·4	1,002·0	1,010·8	999·6	April.
0	1,000·0	998·8	998·3	999·0	999·0	1,000·0	1,001·0	1,001·3	1,001·7	1,001·6	1,004·4	998·8	1,008·8	991·9	May.
6	997·6	996·9	997·3	997·6	998·3	999·3	1,000·0	1,000·7	1,000·7	999·8	1,002·0	998·3	1,007·1	992·5	June.
8	996·9	995·9	996·6	996·9	996·9	998·3	998·6	999·3	999·3	998·1	1,000·0	996·3	1,005·4	991·9	July.
4	998·6	998·6	998·3	998·6	999·3	1,000·0	1,000·7	1,001·3	1,001·0	999·5	1,002·4	998·3	1,006·1	991·5	August.
0	1,000·3	1,000·0	1,000·3	1,000·7	1,001·3	1,002·0	1,002·4	1,002·7	1,002·7	1,002·1	1,004·0	1,000·0	1,007·4	996·9	September.
1	1,004·7	1,004·7	1,004·7	1,005·1	1,005·7	1,006·4	1,006·8	1,006·8	1,006·8	1,006·3	1,009·1	1,004·7	1,011·8	1,002·7	October.
8	1,009·5	1,009·5	1,009·5	1,010·1	1,010·8	1,011·5	1,011·5	1,011·5	1,011·5	1,011·3	1,013·9	1,009·5	1,015·9	1,006·4	November
5	1,009·1	1,009·1	1,009·5	1,010·1	1,010·8	1,011·2	1,011·5	1,011·5	1,011·5	1,011·2	1,013·9	1,009·1	1,016·9	1,005·4	December
5	1,003·7	1,003·3	1,003·4	1,003·8	1,004·5	1,005·2	1,005·7	1,006·0	1,006·0	1,005·5	1,008·2	1,003·4	1,017·6	991·5	*Year.*
6 Feet.)															
5	1,011·9	1,011·7	1,011·9	1,012·3	1,012·8	1,013·4	1,013·9	1,014·1	1,014·2	1,013·5	1,015·6	1,011·6	1,017·6	1,007·1	January.
1	1,010·6	1,010·3	1,010·4	1,010·8	1,011·4	1,011·9	1,012·1	1,012·7	1,012·8	1,011·9	1,014·1	1,010·1	1,017·3	1,007·1	February.
7	1,009·1	1,008·7	1,008·7	1,009·1	1,009·6	1,010·0	1,010·5	1,010·8	1,010·8	1,010·3	1,012·2	1,008·5	1,014·5	1,006·8	March.
4	1,006·8	1,006·3	1,006·2	1,006·4	1,006·9	1,007·3	1,007·7	1,008·1	1,008·4	1,007·7	1,009·6	1,006·0	1,011·5	1,004·0	April.
5	1,003·0	1,002·5	1,002·2	1,002·5	1,002·9	1,003·3	1,003·8	1,004·0	1,004·2	1,003·8	1,005·6	1,002·0	1,010·1	995·9	May.
1	1,000·8	1,000·3	999·9	1,000·0	1,000·4	1,001·0	1,001·4	1,001·8	1,002·0	1,001·2	1,002·8	999·6	1,007·1	995·6	June.
8	999·5	999·2	999·1	999·2	999·6	999·9	1,000·1	1,000·3	1,000·4	999·9	1,001·1	998·6	1,004·2	993·5	July.
6	1,001·2	1,000·9	1,000·8	1,001·1	1,001·4	1,001·8	1,002·2	1,002·4	1,002·3	1,001·7	1,003·2	1,000·0	1,006·9	994·1	August.
7	1,003·6	1,002·8	1,002·8	1,003·1	1,003·6	1,004·1	1,004·5	1,004·6	1,004·4	1,004·0	1,005·6	1,002·5	1,008·4	999·6	September.
0	1,006·6	1,006·6	1,006·7	1,007·1	1,007·6	1,008·2	1,008·5	1,008·6	1,008·5	1,008·0	1,009·9	1,006·5	1,011·5	1,003·9	October.
7	1,010·4	1,010·4	1,010·6	1,011·1	1,011·7	1,012·3	1,012·4	1,012·5	1,012·3	1,011·9	1,013·9	1,010·3	1,015·5	1,007·3	November.
0	1,010·6	1,010·6	1,010·7	1,011·1	1,011·7	1,012·2	1,012·5	1,012·6	1,012·5	1,012·2	1,014·5	1,010·5	1,017·1	1,007·9	December.
6	1,006·1	1,005·9	1,005·8	1,006·1	1,006·6	1,007·1	1,007·5	1,007·7	1,007·7	1,007·2	1,009·0	1,005·5	1,017·6	993·5	*Year.*

Table VII.—Mean hourly and extreme pressures (in m

(Readings at exa

Hours I. S. T. Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
														NAGP
January	980·2	980·0	979·8	979·7	979·8	980·1	980·6	981·1	981·6	982·1	981·8	981·1	980·2	97
February	977·8	977·1	976·9	976·8	976·9	977·8	977·8	978·6	979·8	979·7	979·6	978·9	977·7	97
March	975·1	974·8	974·5	974·5	974·6	975·2	975·8	976·6	977·8	977·5	977·8	976·5	975·5	97
April	970·9	970·8	970·8	970·9	971·1	971·6	972·5	973·8	973·8	973·8	973·4	972·7	971·9	97
May	968·5	968·4	968·4	968·5	968·7	969·1	969·7	970·2	970·5	970·4	970·0	969·8	968·4	96
June	967·8	967·1	967·0	967·0	967·1	967·8	967·8	968·2	968·4	968·5	968·8	967·9	967·2	96
July	967·1	967·0	966·6	966·4	966·4	966·6	967·1	967·5	967·8	968·0	968·0	967·6	967·1	96
August	968·1	967·7	967·5	967·5	967·5	967·8	968·4	969·0	969·3	969·6	969·4	969·0	968·4	96
September	968·8	967·9	967·6	967·5	967·6	967·8	968·4	969·6	969·4	969·6	969·4	968·9	968·4	96
October	973·9	973·5	973·3	973·2	973·3	974·1	974·3	974·9	975·5	975·6	975·2	974·4	973·5	97
November	979·1	978·9	978·7	978·6	978·7	978·5	979·8	980·5	981·1	981·1	980·3	979·4	979·1	97
December	978·7	978·5	978·2	978·2	978·3	978·7	979·3	980·2	980·8	980·8	980·3	979·4	978·3	97
Year	972·9	972·7	972·4	972·4	972·5	972·8	973·5	974·1	974·6	974·7	974·8	973·8	973·0	97
														*BOM
January	1,014·4	1,014·0	1,013·6	1,013·5	1,013·7	1,014·3	1,015·1	1,016·0	1,016·8	1,016·8	1,016·2	1,015·1	1,014·1	1,01
February	1,013·2	1,012·6	1,012·3	1,012·1	1,012·5	1,013·1	1,014·0	1,014·8	1,015·5	1,015·7	1,015·2	1,014·2	1,013·1	1,01
March	1,011·3	1,010·7	1,010·3	1,010·3	1,010·6	1,011·3	1,011·9	1,012·8	1,013·3	1,013·4	1,012·9	1,012·1	1,011·2	1,01
April	1,009·4	1,009·0	1,008·7	1,008·8	1,009·2	1,009·8	1,010·6	1,011·4	1,011·8	1,011·7	1,011·4	1,010·6	1,009·7	1,00
May	1,006·4	1,005·9	1,005·8	1,005·9	1,006·2	1,006·6	1,007·3	1,007·8	1,008·1	1,008·1	1,007·7	1,007·3	1,006·5	1,00
June	1,004·8	1,004·4	1,004·1	1,004·2	1,004·4	1,004·9	1,005·5	1,005·9	1,006·3	1,006·3	1,006·2	1,005·8	1,005·3	1,00
July	1,004·0	1,003·6	1,003·2	1,003·2	1,003·3	1,003·8	1,004·2	1,004·8	1,005·1	1,005·3	1,005·2	1,004·9	1,004·5	1,00
August	1,005·3	1,004·7	1,004·5	1,004·6	1,004·8	1,005·3	1,005·8	1,006·4	1,006·8	1,006·9	1,006·7	1,006·3	1,005·7	1,00
September	1,006·4	1,005·9	1,005·7	1,005·7	1,005·8	1,006·4	1,007·0	1,007·8	1,008·2	1,008·4	1,008·1	1,007·4	1,006·6	1,00
October	1,009·4	1,009·0	1,008·9	1,009·0	1,009·3	1,010·0	1,010·6	1,011·3	1,011·6	1,011·4	1,010·8	1,009·9	1,009·0	1,00
November	1,012·6	1,012·3	1,012·0	1,012·1	1,012·5	1,013·1	1,013·9	1,013·5	1,010·7	1,012·7	1,014·3	1,013·4	1,012·4	1,01
December	1,012·7	1,012·3	1,012·1	1,012·3	1,012·6	1,013·2	1,014·1	1,014·9	1,015·3	1,015·2	1,014·4	1,013·2	1,012·2	1,01
Year	1,009·2	1,008·7	1,008·4	1,008·5	1,008·7	1,009·3	1,010·0	1,010·6	1,010·8	1,011·0	1,010·6	1,010·0	1,009·2	1,00
														POO
January	951·5	951·2	951·0	950·8	950·8	951·1	951·8	951·7	953·5	953·9	953·6	952·6	951·4	95
February	950·2	949·7	949·3	949·0	949·1	949·5	950·3	951·1	951·9	952·4	952·1	951·2	950·1	94
March	948·7	948·2	947·7	947·5	947·6	948·1	948·8	949·6	950·3	950·6	950·3	949·5	948·4	94
April	946·4	946·1	945·8	945·7	945·9	946·4	947·0	947·8	948·5	948·6	948·2	947·5	946·5	94
May	944·4	943·8	943·5	943·4	943·7	944·0	944·5	945·0	945·4	945·4	945·1	944·5	943·8	94
June	943·1	942·5	942·2	942·1	942·1	942·4	942·9	943·3	943·7	943·9	943·7	943·3	942·7	94
July	942·2	941·7	941·3	941·1	941·1	941·3	941·8	942·2	942·5	942·8	942·8	942·5	942·1	94
August	943·1	942·5	942·2	942·1	942·1	942·4	943·0	943·4	944·0	944·1	944·0	943·6	943·0	94
September	944·1	943·5	943·1	943·0	943·1	943·2	943·8	944·5	945·0	945·2	945·1	944·5	943·8	94
October	947·2	946·7	946·5	946·4	946·6	947·1	947·7	948·3	948·7	948·8	948·4	947·5	946·5	94
November	950·3	950·3	949·8	949·8	950·0	950·5	951·3	952·0	952·7	952·8	952·3	951·3	950·3	94
December	949·9	949·6	949·3	949·2	949·4	949·9	950·5	951·3	952·1	952·2	951·7	950·6	949·3	94
Year	946·8	946·3	946·0	945·8	946·0	946·3	946·9	947·5	948·2	948·4	948·1	947·4	943·5	94

* Hours in this case refer to L. M. T. Apply a correction of 2·1 mbs to the value for this Station.

ation level at 12 stations in India for the year 1949—*contd.*

s I. S. T.)

	16	17	18	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Extremes. Highest.	Extremes. Lowest.	Hours I. S. T. Month.
010 Feet.)															
·1	979·0	979·0	979·2	979·6	980·1	980·4	980·6	980·5	980·3	980·2	982·2	978·9	983·8	976·0	January.
·0	975·8	975·8	976·0	976·4	976·9	977·3	977·6	977·6	977·5	977·4	979·9	975·6	984·3	971·7	February.
·3	972·9	972·9	973·1	973·6	974·1	974·5	975·1	975·1	975·1	975·0	977·7	972·8	982·2	969·8	March.
·1	969·5	969·1	969·1	969·6	970·2	970·6	970·9	971·1	970·9	971·3	974·1	969·0	978·5	966·4	April.
·1	965·4	965·8	965·5	966·2	966·9	967·7	968·2	968·5	968·5	968·1	970·8	965·4	974·2	960·8	May.
·7	965·2	965·3	965·4	965·9	966·6	967·1	967·7	967·9	967·7	967·1	969·0	964·9	972·3	961·4	June.
·8	965·2	964·9	965·0	965·6	966·2	966·8	967·2	967·3	967·2	966·7	968·2	964·6	970·8	961·5	July.
·0	966·5	966·2	966·4	967·0	967·7	968·3	968·7	968·8	968·6	968·0	969·7	966·0	973·5	961·2	August.
·5	966·2	966·2	966·6	967·2	968·5	968·7	969·3	968·9	968·7	968·1	969·9	965·9	974·4	961·5	September.
·0	971·9	972·0	972·4	973·0	973·7	974·2	974·4	974·1	974·1	973·6	975·8	971·8	979·1	967·5	October.
·7	977·5	977·7	977·4	978·5	978·6	979·0	979·7	979·7	979·5	979·2	981·6	977·5	983·2	975·2	November.
·8	976·7	976·7	977·1	977·6	978·1	978·5	978·8	978·8	978·7	978·5	981·0	976·7	983·7	973·0	December.
·3	971·3	971·0	971·1	971·8	972·3	972·8	973·2	973·2	973·0	972·8	975·0	970·8	984·3	960·8	*Year.*
5 Feet.)															
·7	1,012·7	1,012·8	1,018·3	1,014·1	1,014·7	1,015·2	1,015·3	1,015·1	1,014·7	1,014·5	1,016·9	1,012·5	1,018·5	1,008·5	January.
·6	1,011·6	1,011·6	1,012·0	1,012·7	1,013·5	1,013·9	1,014·2	1,014·1	1,013·6	1,013·3	1,015·8	1,011·3	1,018·2	1,009·1	February.
·5	1,009·3	1,009·4	1,009·8	1,010·6	1,011·3	1,011·9	1,012·1	1,011·9	1,011·8	1,011·3	1,013·5	1,009·1	1,016·1	1,007·0	March.
·1	1,007·7	1,007·7	1,008·2	1,008·8	1,009·3	1,009·9	1,010·2	1,010·1	1,009·8	1,009·6	1,011·8	1,007·6	1,014·4	1,006·0	April.
·1	1,004·7	1,004·8	1,005·3	1,005·7	1,006·5	1,007·0	1,007·2	1,007·2	1,007·0	1,006·5	1,008·3	1,004·5	1,012·6	998·5	May.
·2	1,003·7	1,003·7	1,004·0	1,004·6	1,005·2	1,005·6	1,005·9	1,005·8	1,005·4	1,005·1	1,006·6	1,003·4	1,011·0	999·3	June.
·5	1,003·1	1,003·1	1,003·5	1,004·6	1,004·5	1,004·8	1,005·2	1,004·9	1,004·7	1,004·1	1,005·6	1,002·7	1,008·8	997·0	July.
·7	1,004·4	1,004·6	1,004·9	1,005·5	1,005·9	1,006·4	1,006·6	1,006·4	1,005·8	1,005·6	1,007·2	1,004·0	1,009·0	998·6	August.
·4	1,005·2	1,005·4	1,005·8	1,006·5	1,007·2	1,007·6	1,007·8	1,007·5	1,007·0	1,006·7	1,008·4	1,005·1	1,012·2	1,000·7	September.
·8	1,007·9	1,008·2	1,008·8	1,009·5	1,010·1	1,010·5	1,010·6	1,010·3	1,010·0	1,009·7	1,011·8	1,007·6	1,014·2	1,004·2	October.
·3	1,011·3	1,011·6	1,012·1	1,012·9	1,013·5	1,013·8	1,013·8	1,013·5	1,012·9	1,012·7	1,015·3	1,011·2	1,017·2	1,008·3	November.
·3	1,011·4	1,011·7	1,012·2	1,012·8	1,013·4	1,013·6	1,013·7	1,013·4	1,013·0	1,013·0	1,015·4	1,011·1	1,017·7	1,008·7	December.
·9	1,007·7	1,007·9	1,008·3	1,009·0	1,009·6	1,010·0	1,010·2	1,010·0	1,009·6	1,009·3	1,011·4	1,007·5	1,018·5	997·0	*Year.*
834 Feet.)															
·5	949·1	949·2	949·5	950·6	950·9	951·5	952·0	951·9	951·7	951·3	953·9	949·0	955·6	944·3	January.
·0	947·6	947·6	947·9	948·7	949·3	950·2	950·6	950·7	950·6	949·8	954·1	948·9	955·8	945·0	February.
·4	945·7	945·6	945·9	946·6	947·6	948·5	949·0	949·1	949·0	948·0	950·6	945·6	953·7	943·7	March.
·4	943·8	943·7	943·9	944·8	945·5	946·4	946·9	947·0	946·8	946·2	948·9	943·6	951·3	941·9	April.
·1	941·5	941·4	941·8	942·6	943·5	944·1	944·6	944·9	944·8	943·8	945·7	941·2	951·1	935·7	May.
·5	940·9	940·8	941·0	941·6	942·4	943·0	943·4	943·7	943·5	942·6	944·0	940·7	948·3	936·7	June.
·1	940·7	940·5	940·6	941·1	941·7	942·2	942·6	942·7	942·6	941·8	943·0	940·4	946·1	935·2	July.
·9	941·4	941·4	941·7	942·3	942·8	943·4	943·8	943·9	943·7	942·7	944·4	941·1	947·1	937·0	August.
·3	942·0	942·0	942·5	943·0	943·6	944·4	944·8	944·8	944·5	943·6	945·4	942·0	948·9	938·8	September.
·8	944·6	944·8	945·3	946·1	946·9	947·7	947·9	947·8	947·6	946·9	949·0	944·5	951·1	941·5	October.
·6	948·3	948·4	948·7	949·2	950·1	950·7	951·0	951·0	950·7	950·4	952·9	948·2	954·7	945·5	November.
·7	947·5	947·7	948·1	948·8	949·6	950·1	950·4	950·4	950·1	949·8	952·3	947·6	9[illegible]·5·9	944·5	December.
·9	944·4	944·4	944·7	945·4	946·2	946·9	947·3	947·3	947·1	946·4	948·7	944·4	955·8	935·2	*Year.*

Table VIII.—Mean hourly and extreme pressures (in m

(Readings at ex

Hours I. S. T. / Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
														MADR
January	1,013·0	1,012·5	1,011·9	1,011·8	1,011·9	1,012·5	1,013·3	1,014·2	1,014·7	1,014·7	1,014·4	1,013·5	1,012·6	1,01
February	1,010·7	1,010·2	1,009·8	1'009·6	1,009·7	1,010·2	1,011·1	1,011·9	1,012·5	1,012·8	1,012·4	1,011·5	1,010·4	1,00
March	1,009·4	1,009·8	1,008·5	1,008·4	1,008·7	1,009·2	1,010·0	1,010·7	1,010·2	1,010·3	1,010·8	1,009·9	1,008·9	1,00
April	1,006·5	1,005·9	1,005·6	1,005·7	1,005·9	1,006·5	1,007·2	1,007·8	1,008·1	1,008·0	1,007·4	1,006·7	1,005·5	1,00
May	1,003·2	1,002·8	1,002·7	1,002·7	1,003·0	1,003·5	1,004·0	1,004·6	1,004·9	1,004·9	1,004·4	1,003·7	1,002·9	1,00
June	1,002·6	1,002·1	1,001·9	1,001·9	1,002·1	1,002·6	1,003·2	1,003·7	1,004·0	1,003·8	1,003·4	1,002·8	1,002·1	1,00
July	1,003·6	1,003·1	1,002·9	1,002·8	1,003·0	1,003·4	1,003·8	1,004·2	1,004·7	1,004·6	1,004·2	1,003·7	1,003·0	1,00
August	1,003·8	1,003·5	1,003·1	1,003·1	1,003·3	1,003·7	1,004·3	1,004·9	1,005·3	1,005·2	1,004·7	1,004·0	1,003·2	1,00
September	1,003·9	1,003·5	1,003·1	1,003·1	1,003·3	1,003·7	1,004·4	1,005·1	1,005·5	1,005·4	1,004·9	1,004·0	1,003·1	1,00
October	1,006·2	1,005·8	1,005·6	1,005·6	1,005·7	1,006·4	1,007·4	1,007·5	1,007·8	1,007·8	1,007·1	1,006·0	1,005·1	1,00
November	1,010·4	1,010·1	1,009·8	1,009·8	1,010·1	1,010·6	1,011·4	1,012·0	1,012·5	1,012·3	1,011·8	1,010·8	1,010·0	1,00
December	1,011·3	1,010·8	1,010·3	1,010·3	1,010·6	1,011·1	1,011·8	1,012·6	1,013·1	1,013·0	1,012·4	1,011·5	1,010·4	1,00
Year	1,007·1	1,006·6	1,006·3	1,006·3	1,006·4	1,007·0	1,007·6	1,008·3	1,008·6	1,008·6	1,008·2	1,007·3	1,006·4	1,00
														KODAI KAN
January	772·9	772·4	771·8	771·5	771·4	771·4	771·7	772·4	772·7	773·2	773·2	773·0	772·3	77
February	772·6	771·9	771·4	771·0	770·9	770·9	771·3	771·9	772·1	772·7	772·8	772·6	771·9	77
March	773·3	772·8	772·3	771·9	771·8	771·8	772·0	772·5	772·5	773·1	773·3	773·2	772·7	77
April	772·5	772·0	771·0	771·3	771·3	771·4	771·7	772·3	772·3	772·8	772·8	772·6	772·1	77
May	770·8	770·3	769·9	769·7	769·7	769·7	770·0	770·5	770·2	770·8	770·8	770·7	770·3	76
June	770·0	769·6	769·2	769·0	768·8	769·0	769·2	769·4	769·5	770·0	770·1	770·0	769·8	76
July	770·0	769·7	769·4	769·2	769·1	769·1	769·2	769·4	769·4	769·9	769·9	769·9	769·7	76
August	770·0	769·5	769·1	768·9	768·9	768·9	769·0	769·5	769·8	770·4	770·4	770·3	770·0	769
September	770·3	770·0	769·7	769·5	769·3	769·3	769·4	769·8	770·2	770·3	770·4	770·3	769·9	76
October	771·2	770·7	770·4	770·2	770·2	770·3	770·6	771·2	771·5	772·0	772·0	771·7	770·9	77
November	772·1	771·6	771·2	771·0	770·9	770·9	771·4	772·0	772·5	772·9	772·9	772·5	771·9	77
December	771·3	770·8	770·3	770·1	770·1	770·1	770·5	771·2	771·8	772·2	772·1	771·7	771·1	77
Year	771·4	770·9	770·5	770·3	770·2	770·2	770·5	771·0	771·2	771·7	771·7	771·5	771·1	77
													SEYCHELLES†	
January*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
February*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April	1,011·7	1,011·2	1,010·8	1,010·6	1,010·6	1,010·9	1,011·6	1,012·2	1,012·5	1,012·8	1,012·5	1,011·9	1,011·2	1,01
May	1,010·8	1,010·4	1,010·0	1,009·8	1,009·9	1,010·3	1,010·8	1,011·4	1,011·6	1,011·9	1,011·6	1,011·1	1,010·4	1,00
June	1,011·9	1,011·6	1,011·2	1,010·8	1,010·8	1,011·2	1,011·6	1,012·0	1,012·5	1,012·8	1,012·5	1,012·0	1,011·5	1,01
July	1,012·4	1,011·9	1,011·5	1,011·3	1,011·3	1,011·5	1,012·0	1,012·4	1,012·7	1,012·9	1,012·6	1,012·3	1,011·8	1,01
August	1,012·3	1,011·8	1,011·4	1,011·0	1,011·2	1,011·4	1,011·9	1,012·4	1,012·7	1,013·0	1,012·7	1,012·4	1,011·7	1,01
September	1,012·6	1,012·2	1,011·8	1,011·6	1,011·6	1,011·9	1,012·4	1,012·9	1,013·3	1,013·6	1,013·3	1,012·7	1,012·0	1,01
October	1,012·6	1,012·2	1,011·9	1,011·8	1,012·0	1,012·4	1,012·9	1,013·4	1,013·6	1,013·8	1,013·4	1,012·7	1,012·0	1,01
November	1,012·3	1,011·8	1,011·5	1,011·5	1,011·7	1,012·1	1,012·6	1,013·0	1,013·3	1,013·5	1,012·9	1,012·4	1,011·6	1,01
December	1,011·0	1,010·5	1,010·1	1,010·0	1,010·2	1,010·7	1,011·3	1,011·7	1,011·8	1,011·9	1,011·5	1,011·0	1,010·4	1,00
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	.

*Records not available.

† Hours in this case refer to L. T.

ation level at 12 stations in India for the year 1949—*contd.*

:s I. S. T.)

	16	17	18	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Extremes Highest	Extremes Lowest	Hour (I. S T.) Month
AMBAKKAM) b—51 feet).															
1·1	1,011·0	1,011·1	1,011·6	1,011·4	1,013·1	1,013·7	1,014·0	1,013·7	1,013·5	1,012·8	1,015·0	1,010·8	1,016·8	1,007·7	January.
8·7	1,008·5	1,008·7	1,009·1	1,009·8	1,010·6	1,011·4	1,011·6	1,011·6	1,011·4	1,010·6	1,012·9	1,008·4	1,015·9	1,005·4	February.
7·4	1,007·1	1,007·3	1,007·6	1,008·2	1,009·1	1,009·8	1,010·1	1,010·1	1,009·8	1,009·1	1,011·5	1,007·0	1,014·2	1,003·6	March.
3·9	1,003·6	1,003·6	1,004·0	1,004·7	1,005·7	1,006·5	1,007·1	1,007·2	1,006·8	1,006·0	1,008·3	1,003·5	1,010·8	999·2	April.
1·4	1,001·1	1,001·2	1,001·6	1,002·2	1,003·0	1,003·8	1,004·1	1,004·1	1,003·8	1,003·1	1,005·4	1,001·0	1,009·3	996·9	May.
0·9	1,000·3	1,000·3	1,000·6	1,001·3	1,002·4	1,003·1	1,003·5	1,003·7	1,003·2	1,002·4	1,004·5	1,000·1	1,007·9	996·4	June .
1·8	1,001·2	1,001·2	1,001·5	1,002·3	1,003·0	1,003·7	1,003·0	1,004·3	1,004·0	1,003·1	1,005·0	1,001·0	1,007·1	997·4	July.
1·9	1,001·5	1,001·5	1,002·0	1,002·7	1,003·4	1,004·2	1,004·6	1,004·7	1,004·3	1,003·6	1,005·5	1,001·3	1,007·1	999·1	August.
1·7	1,001·3	1,001·5	1,002·0	1,002·8	1,003·5	1,004·4	1,004·7	1,004·6	1,004·3	1,003·6	1,005·6	1,001·1	1,009·1	997·7	September.
3·8	1,003·8	1,004·1	1,004·7	1,005·4	1,006·4	1,007·0	1,007·2	1,007·4	1,006·8	1,006·0	1,008·1	1,003·5	1,010·7	996·8	October.
8·9	1,008·9	1,009·1	1,009·8	1,010·4	1,011·3	1,011·6	1,011·7	1,011·5	1,011·1	1,010·6	1,012·5	1,008·7	1,013·9	1,006·1	November.
9·3	1,009·5	1,009·8	1,010·2	1,011·0	1,011·6	1,012·1	1,012·3	1,012·0	1,011·7	1,011·2	1,013·3	1,009·3	1,015·6	1,006·8	December.
5·1	1,004·8	1,004·9	1,005·4	1,006·1	1,007·0	1,007·6	1,007·9	1,007·9	1,007·6	1,006·8	1,009·0	1,004·7	1,016·8	996·4	*Year.*
-7688 feet).															
71·2	770·7	771·1	771·3	771·6	772·1	772·6	773·0	772·9	773·2	772·1	773·6	770·8	775·1	768·7	January.
70·9	770·7	770·9	771·0	771·3	771·8	772·3	772·7	772·7	773·9	771·8	773·3	770·5	774·9	768·4	February.
71·9	771·5	771·7	771·7	771·9	772·2	772·5	773·0	773·0	773·1	772·4	773·7	771·3	774·9	769·3	March.
71·0	770·7	770·8	770·8	771·1	771·5	771·9	772·3	772·5	772·4	771·8	773·1	770·5	774·4	768·7	April.
69·3	768·9	769·0	768·9	769·2	769·6	770·0	770·3	770·4	770·4	770·0	771·1	778·7	774·3	764·2	May.
69·0	768·6	768·4	768·3	768·7	768·8	769·2	769·5	769·7	769·7	769·3	770·5	768·1	772·5	765·4	June.
68·9	768·6	768·3	768·1	768·3	768·6	769·0	769·3	769·5	769·5	769·2	770·3	768·1	771·1	766·5	July.
69·1	768·7	768·5	768·4	768·9	769·3	769·8	770·1	770·4	770·9	769·5	770·6	768·4	772·1	767·0	August.
68·5	768·3	768·1	768·2	769·2	769·4	769·8	770·3	770·5	770·5	769·6	770·9	768·2	773·1	765·6	September.
69·8	769·4	769·4	769·5	770·1	770·6	770·1	771·3	771·5	771·5	770·6	772·2	769·3	774·1	766·5	October.
70·9	770·7	770·6	770·8	771·5	772·0	772·5	772·7	772·7	772·5	771·7	773·1	770·5	774·6	769·3	November.
70·2	770·1	770·0	770·2	770·9	771·4	771·7	771·8	771·8	771·6	771·0	772·3	769·8	773·6	767·8	December.
70·1	769·7	769·7	769·8	770·2	770·6	770·9	771·4	771·5	771·5	770·7	772·1	769·5	775·1	764·2	*Year.*
-8 feet).															
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	January.
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	February.
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	March.
10·0	1,009·7	1,009·9	1,010·3	1,010·8	1,011·3	1,011·7	1,012·1	1,012·2	1,012·0	1,011·4	1,012·9	1,009·6	1,013·9	1,009·1	April.
09·3	1,009·1	1,009·4	1,009·7	1,010·1	1,010·6	1,011·0	1,011·4	1,011·4	1,011·2	1,010·6	1,012·0	1,008·9	1,013·5	1,007·1	May.
10·4	1,010·0	1,010·2	1,010·6	1,011·0	1,011·5	1,011·9	1,012·4	1,012·5	1,012·3	1,011·5	1,012·9	1,009·9	1,014·5	1,007·1	June.
10·9	1,010·7	1,010·8	1,011·3	1,011·7	1,012·0	1,012·5	1,012·8	1,012·8	1,012·6	1,011·9	1,013·1	1,010·5	1,014·9	1,008·8	July.
10·8	1,010·7	1,010·9	1,011·3	1,011·7	1,012·2	1,012·5	1,012·8	1,012·8	1,012·7	1,011·9	1,013·3	1,010·4	1,014·5	1,009·1	August.
11·0	1,010·7	1,010·8	1,011·3	1,011·9	1,012·5	1,012·8	1,013·2	1,013·3	1,013·0	1,012·3	1,013·8	1,010·6	1,015·2	1,008·1	September.
11·1	1,010·9	1,011·2	1,011·7	1,012·3	1,012·7	1,013·1	1,013·4	1,013·4	1,013·0	1,012·5	1,014·0	1,010·8	1,015·2	1,008·8	October.
10·5	1,010·2	1,010·5	1010·9	1,011·5	1,012·0	1,012·5	1,012·8	1,012·8	1,012·5	1,011·9	1,013·5	1,010·1	1,015·9	1,007·4	November.
09·4	1,009·2	1,009·4	1,010·0	1,010·5	1,011·0	1,011·5	1,011·8	1,011·7	1,011·5	1,010·8	1,012·3	1,009·0	1,014·5	1,006·1	December.
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*Year.*

Table VIII—Total hourly rainfall and the maximum in one hour

(Totals for sixty minutes from

Hours (I.S.T.) Month	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
														DUM DUM.
January	0	0·01	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0·09	0·20	0·16	0	0	0	0	0	0	0	0	0	0	0
April	0·12	0·40	0·62	0	0	0	0	0	0	0	0·01	0	1·60	0
May	0·16	0·29	0·58	0·40	0·24	0·89	1·27	0·67	0·47	0·14	0·06	0·05	0·17	0·87
June	1·82	0·06	0·13	0·08	0·03	1·26	1·30	0·06	0·06	0·26	0·40	0·22	0·05	0·01
July	1·43	0·10	0·80	1·27	2·65	0·83	0·09	0·31	0·38	0·29	0·57	0·19	1·00	0·08
August	0·07	0·22	0·26	0·73	0·16	0·88	0·67	0·38	0·07	0·07	0·42	0·27	0·37	0·51
September	0·07	0·22	0·08	0·34	0·11	0·13	1·58	1·42	0·11	0	0	0·68	0·30	0·07
October	0·63	0·08	0	0	0	0	0	0	0·12	0·07	0·02	0·07	0·82	1·18
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Year	4·39	1·58	2·63	2·82	3·19	3·99	4·91	2·84	1·23	0·83	1·48	1·48	4·31	2·72
														§CALCUTTA.
January	0	0·04	0·01	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0·48	0·57	0·10	0	0	0·02	0	0	0	0	0	0	0	0
April	0·08	0·04	0·02	0·44	0	0	1·35	0	0·01	0·02	0·01	0	0·98	0·10
May	0·31	0·63	0·34	0·43	0·85	0·37	0	0·35	0·70	0·08	0·02	0	0·50	0·29
June	0·67	0·04	0·04	0·02	0	0·02	0·22	0·14	0·01	0·16	0·32	0·10	0·12	0·01
July	0·08	0·16	0·59	2·19	1·12	0·93	1·08	0·18	0·57	0·46	0·37	0·60	0·44	0·31
August	0·47	0·54	0·54	0·23	0·54	1·77	1·39	0·27	0·12	0·02	0	0·34	0·19	0·24
September	0·06	0·09	0·53	0·55	0·07	0·11	0	1·30	0·14	0·03	0·30	0·04	0·42	0·23
October	0	0	0·04	0	0	0·09	0	0	0·03	0·03	0	0·04	0·54	0·68
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Year	2·15	2·11	2·21	3·86	2·58	3·31	4·04	2·24	1·58	0·80	1·02	1·12	3·19	1·86
														SAUGOR ISLAND.
January	0	0	0·02	0·40	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0·16	0·36	0	0	0	0	0	0	0	0	0
April	0·03	0·41	0·06	0	0	0	0	0	0	0	0	0	0	0
May	0·02	0·12	0·05	0·08	0·63	0·09	0·13	0·43	0·18	0·40	0·21	0·01	0	0·06
June	0·07	0·06	0	0	0	0·08	0·08	0·13	0·04	0·10	0·15	1·20	1·38	0·16
July*	0·02	0·25	1·53	0·21	0·11	0·01	0	0·18	0·26	0·12	0·03	0·09	0·05	0·04
August†	..	..	..	..	..	..	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..	..	..
October‡	0·14	0·20	0·71	0·06	0·12	0·01	0·25	0·49	0·28	0·03	0·06	1·18	0·03	0·16
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..

*Data from 1st to 20th only. †Data not available. ‡Data from 9th to 31st only. §The hours in this case refer to L. M. T.

ıches) at 17 stations for the year 1949

ıour to full hour of I. S. T.)

	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Amount 0—24	Max. in one hour			Total No. of hours of rainfall.	(Hours I.S.T.) Month.
											Amount.	Date.	Time.		
0	0	0	0	0	0	0	0	0	0	0·01	0·01	28	1—2	1	January.
0	0	0·16	0	0	0·01	0·01	0·01	0·01	0·02	0·22	0·16	13	16—17	6	February.
0	0	0	0	1·11	0	0	0·20	0·05	0·50	2·31	1·11	7	18—19	8	March.
0	0·75	0·64	0·31	0·22	0·77	0·04	0·30	0·61	0·08	6·47	1·60	14	12—13	21	April.
3	0·92	1·75	0·95	1·10	0·70	1·10	0·52	0·33	0·31	15·29	1·20	7	16—17	56	May.
1	1·66	0·83	0·72	0·05	0·04	0·47	0·55	0·07	0·47	11·41	1·73	23	0—1	71	June.
4	0·32	0·37	0·11	0·29	0·68	0·90	1·06	0·21	0·25	15·82	1·37	20	0—1	127	July.
4	0·29	0·11	0·05	0·07	0·02	0·11	0·09	0·41	0·22	6·79	0·77	6	5—6	90	August.
4	1·15	0·13	2·45	0·24	0·63	0·57	0·11	0·80	0·15	11·78	1·81	11	17—18	65	September.
7	0·40	0·36	0·05	0·01	0·43	0·10	0·08	0·01	0·02	5·02	1·58	8	13—14	42	October.
0	0	0	0	0	0	0	0	0	0	0	0	..	..	0	November.
0	0	0	0	0	0	0	0	0	0	0	0	..	..	0	December
3	5·49	4·35	4·64	3·09	3·28	3·30	2·92	2·50	2·02	75·72	1·81	IX	..	487	*Year.*
0	0	0	0	0	0	0	0	0	0	0·05	0·04	28	2—3	2	January.
0	0	0	0	0	0·01	0·02	0	0	0	0·03	0·02	6	21—22	2	February.
0	0	0	0	0	0	0·01	0	0·10	0	1·28	0·57	19	2—3	6	March.
4	0	0·97	0·47	0·05	1·27	0·15	0·31	0·84	0·78	7·93	1·20	21	20—21	18	April.
9	0·04	0·08	0·53	0·35	0·52	0·70	0·39	0·28	0·13	7·98	0·84	8	5—6	23	May.
7	1·60	0·34	0·79	0·77	0·01	0·07	1·12	0·78	0·03	7·45	0·82	30	16—17	22	June.
5	2·42	0·19	0·02	0·30	0·26	0	0·99	0·60	0·07	15·18	1·10	10	15—16	23	July.
9	0·17	0·25	0·13	0·15	0·06	0·30	0·10	0·18	0·54	9·13	0·93	1	6—7	23	August.
3	2·46	0·78	0·42	0·80	0·34	0·08	0·26	0·60	0·14	10·98	1·24	16	16—17	24	September.
4	0·16	0·24	0·11	0·03	0·50	0·82	0·08	0	0·01	3·74	0·53	19	21—22	16	October.
0	0	0	0	0	0	0	0	0	0	0	0	..	..	..	November.
0	0	0	0	0	0	0	0	0	0	0	0	..	..	..	December.
1	6·85	2·85	2·47	2·45	2·07	2·15	3·25	3·38	1·70	63·75	1·24	IX	..	159	*Year.*
0	0	0	0	0	0	0	0	0	0	0·42	0·38	31	3—4	3	January.
0	0	0	0	0	0	0	0	0	0·02	0·02	0·02	6	23—24	1	February.
0	0	0	0	0	0	0	0·01	0	0	0·53	0·36	19	4—5	3	March.
0	0	0	0	0·40	1·47	1·05	0·33	2·14	0·27	6·76	1·92	7	22—23	18	April.
10	0·06	0·10	0·90	0·40	0	0·06	0·82	0·58	0·13	5·56	0·80	24	21—22	40	May.
37	0·11	0·20	0·26	0·27	0·18	0·67	1·03	0·35	0·21	7·40	1·20	24	11—12	49	June.
0	0·02	0·06	0·30	0·02	0	0·04	0·11	0·31	0·88	..	..	..	..	..	July.*
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	August.†
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	September.†
20	0	0	0·09	0·07	0·01	0·01	0	0·10	0·18	..	..	..	..	..	October.‡
0	0	0	0	0	0	0	0	0	0	0	..	..	..	0	November.
0	0	0	0	0	0	0	0	0	0	0	..	..	..	0	December.
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*Year.*

Table VIII—Total hourly rainfall and the maximum in one ho

(Totals for sixty minutes fro

Hours (I. S. T.) Month	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—1
														JAMSHEDPU
January	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0·01	0	0	0	0	0	0	0	
April	0·01	0	0	0	0	0	0	0·02	0	0	0	0	0	
May	0·03	0	0	0	0	0	0·01	0	0	0	0	0·01	0	0·
June	3·39	1·25	0·65	0·71	0·79	0·85	1·15	0·60	0·18	0·55	0·56	0·21	0·04	0·
July	0·60	0·11	0·08	0·30	0·17	0·01	0·04	0·08	0·64	0·38	0·16	0·13	0·10	1·
August	0·49	0·34	0·08	0·13	0·13	0·11	0·16	0·02	0·15	0·03	0·26	0·26	0·30	1·
September	0·18	0·02	0	0·03	0·04	0	0·06	0·10	0·17	0·54	0·16	0·14	0·13	0·
October	0	0	0	0	0	0	0·34	0	0·01	0	0·01	0·03	0·07	0·
November	0	0	0	0	0	0	0	0	0	0	0	0	0	
December	0	0	6	0	0	6	0	0	0	0	0	0	0	
Year	4·70	1·72	0·81	1·17	1·13	0·98	1·76	0·82	1·15	1·50	1·15	0·78	0·64	4·
														GAY
January	0·08	0·02	0	0	0	0	0	0	0	0	0	0	0	0·
February	0·05	0·16	0·20	0·14	0·07	0·03	0	0·02	0·08	0·01	0·01	0·05	0·22	
March	0·02	0	0·01	0	0	0	0	0	0	0	0	0	0	
April	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	0	0	0	0·03	0·03	0	0	0	0	0·64	0·19	0	0	
June	0·01	0·01	0	0·16	0·11	0·03	0	0·04	0·10	0·04	0·03	0·02	0·28	
July	0·51	0·50	0·30	0·32	0·71	0·87	0·25	0·10	0·57	0·01	0·16	0·90	0·04	0·
August	0·68	0·62	0·27	0·25	0·47	1·29	0·60	0·56	0·12	0·50	0·10	0·03	0·41	
September	0 13	0·14	0·06	0	0	0	0	0·02	0·32	0·09	0·14	0·17	0·13	0·
October	0	0	0	0·02	0·09	0·07	0·03	0·03	0·07	0·04	0·06	0·04	0·44	0·
November	0	0	0	0	0	0	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year	1·48	1·45	0·84	0·92	1·48	2·29	0·88	0·77	1·26	1·33	0·69	1·21	1·52	1·
														ALLAHABA
January	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	0·07	0·15	0·26	0·04	0·17	0·02	0·09	0·02	0·01	0·02	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	0	0	
April	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	0·04	0·01	0	0	0	0	0	0	0	0	0	0	0	
June	0·06	0·01	0	0·32	0·02	0·02	0	0	0	0	0	0	0	
July *														
August	0·20	0·22	1·84	0·79	0·57	0·70	0·96	1·84	1·87	0·71	0·48	0·55	0·28	0·
September	0·02	0·14	1·49	0·11	0·27	0·10	0·14	0·03	0	0·13	0·03	0	0	0·
October	0	0·05	0·02	0	0·03	0·30	0·31	0·59	0·17	0·23	0·09	0·04	0·04	0·
November	0	0	0	0	0	0	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year														

* Data not available.

hes) at 17 stations for the year 1949—*contd.*

ur to full hour of I. S. T.)

15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Amount. 0—24	Maximum in one hour. Amount.	Date.	Time.	Total number of hours of rainfall.	Hours (I. S. T.). Month.
0·02	0·02	0	0	0·01	0·60	0·01	0	0·03	0·61	0·55	27	21—22	6	January.
0·09	0	0	0	0	0	0	0	0	0·09	0·09	6	15—16	1	February.
0	0·06	0	0·01	0	0	0·02	0·51	0·08	0·69	0·51	18	22—23	7	March.
0·63	2·04	0·42	0·66	0·13	0·10	0·89	0·13	0·02	5·18	0·81	11	21—22	32	April.
2·16	0·43	1·16	0·48	1·64	0·10	0·03	0·02	0·23	6·97	2·14	20	15—16	24	May.
0·03	2·32	1·15	1·67	0·21	0·43	0·20	0·15	0·59	18·98	3·38	10	0—1	66	June.
0·85	0·54	1·45	1·21	1·10	0·06	0·28	0·07	0·20	11·08	1·04	30	13—14	118	July.
0·85	0·38	0·25	0·19	0·20	0·13	0·09	0·18	1·15	9·45	2·16	16	14—15	75	August.
0·31	0·35	0	0·03	0	0·03	0·18	0·12	0·66	4·42	0·54	13	9—10	49	September.
0·10	0·41	0·16	0·18	0·11	0·04	0	0	0	2·19	0·34	27,28	6—7,14—15	31	October.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	November.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	December.
5·04	6·55	4·59	4·43	3·40	1·49	1·70	1·13	2·96	59·74	3·38	VI	..	409	*Year.*
0	0·06	0	0·46	0·08	0·02	0·02	0·02	0·16	1·00	0·46	27	18—19	11	January
0·11	0	0·02	0	0·25	0·12	0·06	0·02	0·06	1·71	0·25	5	19—20	27	February.
0	0	0	0	0	0	0	0	0	0·03	0·02	8	0—1	2	March.
0	0·02	0·06	0	0	0	0	0	0	0·08	0·06	14	17—18	2	April.
0	0	0	0	0	0·02	0·12	0·32	0	1·53	0·64	6	9—10	8	May.
0·28	0	0·09	0·49	0·02	1·50	0·16	0·05	0·03	3·45	1·38	30	20—21	34	June.
0·16	0·04	1·89	0·59	0·03	0·68	1·44	1·52	0·42	12·72	1·42	20	21—22	91	July.
1·43	1·31	2·96	1·74	0·05	0·08	0·03	0·55	0·40	14·81	1·66	7	17—18	103	August.
0·10	0·38	0·01	0·51	0·19	0	0·03	0·13	0·04	3·35	0·49	8	18—19	38	September.
0·09	0	0	0	0	0	0	0·01	0	1·81	0·66	29	13—14	14	October.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	November.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	December.
2·17	1·81	5·03	3·79	0·62	2·42	1·86	2·62	1·11	40·49	1·66	VIII	..	330	*Year.*
0	0	0	0	0	0	0	0	0	0	0	..	..	0	January.
0·18	0	0	0	0·13	0	0	0·02	0·02	1·27	0·25	5	2—3	17	February.
0	0	0	0	0·20	0	0	0	0	0·20	0·20	7	19—20	1	March.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	April.
0	0	0	0	0	0·04	0	0	0·04	0·13	0·04	12, 13, 28	23—24, 0—1 20—21	4	May.
0·08	0	0	0	0	0	0	0	0	0·51	0·28	24	3—4	7	June.
														July *.
0·22	0·26	0·45	1·21	0·01	0	0·03	0·07	0·03	13·72	1·30	14	2—3	96	August.
0·58	0·19	0	0·01	0·05	0·12	0	0	0·01	4·48	1·46	10	2—3	39	September.
0·42	0·03	0·05	0·16	0·59	0·21	0·11	0·19	0·02	3·78	0·59	29	19—20	35	October.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	November.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	December.
														Year.

Table VIII—Total hourly rainfall and the maximum in one h

(Totals for sixty minutes f

Hours (I. S. T). Month	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13
														NEW DE
January	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	0·04	0·32	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	0·01	0	
April	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	0	0	0	0	0	0	0	0	0	0	0	0	0	
June	0	0	0	0	0	0	0	0	0	0	0	0	0	
July *														
August	0·13	0·62	0·25	0·08	0·01	0·02	0	0	0·01	0·01	0	0	0	
September	0·03	0·75	0·31	0·04	0·21	0·01	0·01	0	0	0·05	0·22	0·22	0·07	
October	0	0	0	0	0	0	0	0	0	0	0	0	0	
November	0	0	0	0	0	0	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year														
														JODH
January	0	0	0	0·02	0·02	0·07	0	0	0·02	0	0	0	0	
February	0	0	0	0	0	0	0	0·02	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	0	0	
April	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	0	0	0	0	0	0	0	0	0	0	0	0	0	
June	0	0	0	0	0·04	0·03	0·08	0·03	0	0	0	0	0	
July	0·01	0	0·01	0·01	0	0·03	0·02	0·01	0·01	0·05	0·42	0·65	0·35	
August	0·01	0	0	0·07	0	0·03	0	0	0·01	0·01	0	0·16	0·12	
September	0	0	0	0	0	0	0	0	0	0	0	0·01	0·01	
October	0	0	0	0	0	0	0	0	0	0	0	0	0	
November	0	0	0	0	0	0	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year	0·02	0	0·01	0·10	0·06	0·16	0·10	0·06	0·04	0·06	0·42	0·82	0·48	
														NAGI
January	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0·01	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	0	0	
April	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	0	0	0	0	0	0	0	0	0	0	0	0	0	
June	0·76	0·11	0·20	1·02	0·18	1·56	0·38	0·37	0·47	0·27	0·20	0·05	0·80	
July	1·58	1·35	0·68	2·36	1·65	0·48	1·00	0·53	0·83	0·14	1·35	0·34	0·17	
August	0·07	0·06	0·06	0·09	0·21	0·15	0·17	0·09	0·02	0	0·03	0·09	0·73	
September	0·81	0·43	0·08	0·12	0·16	0·14	0·11	0·08	0·04	0·33	0·23	0·28	0·76	
October	0·14	0·02	0·15	0·15	0·01	0·18	0·85	0·05	0·03	0·13	0·43	0·44	0·09	
November	0	0	0	0	0	0	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year	3·36	1·97	1·18	3·74	2·21	2·51	2·51	1·12	1·39	0·87	2·24	1·20	2·55	

* Data not available.

hes) at 17 stations for the year 1949—*contd.*

ur to full hour of I. S. T.)

15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Amount. 0—24	Maximum in one hour. Amount.	Date.	Time.	Total number of hours of rainfall.	Hours (I. S. T.). Month.
0	0	0	0	0	0	0	0·04	0	0·04	0·04	15	22—23	1	January.
0	0	0	0	0	0·08	0·09	0·26	0	0·79	0·32	4	1—2	6	February.
0	0	0	0·04	0	0·06	0·04	0	0	0·15	0·06	23	20—21	4	March.
0	0	0	0	0	0	0	0·01	0	0·01	0·01	10	22—23	1	April.
0·03	0	0	0·20	0·05	0·05	0·04	0·07	0·01	0·50	0·20	26	18—19	8	May.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	June.
														July.
0·03	0·25	0	0	0	0·48	0·59	0·03	0·02	3·41	0·83	10	14—15	25	August.
0·22	0·10	0·66	0·23	0	0	0	0·10	0·02	3·29	0·23	18	17—18, 18—19	37	September.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	October.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	November.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	December.
														Year.
0	0	0	0	0	0	0	0·07	0	0·20	0·07	15, 16	22—23, 5—6	5	January.
0	0	0	0	0	0	0	0	0	0·02	0·02	4	8—9	1	February.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	March.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	April.
0	0	0	0·02	0	0	0	0·04	0	0·06	0·04	11	22—23	2	May.
0	0	0	0	0·03	0·14	0	0·26	0·02	0·63	0·26	1	22—23	9	June.
0·16	0·42	0·01	0·39	0·41	0·08	0·10	0·22	0·04	5·40	1·96	17	15—16	34	July.
0·03	0	0	0	0·01	0·01	0·03	0	0·07	0·98	0·38	1	15—16	19	August.
0	0·08	0·11	0·40	0	0·01	0·05	0·02	0·02	0·71	0·40	22	19—20	11	September.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	October.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	November.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	December.
0·19	0·50	0·12	0·81	0·45	0·24	0·18	0·61	0·15	8·00	1·96	VII	..	81	*Year.*
0	0	0	0	0	0	0	0	0	0	0	..	..	0	January.
0	0	0	0	0	0·02	0	0	0·06	0·09	0·06	4	23—24	1	February.
0	0	0	0	0·01	0	0·02	0	0	0·03	0·02	23	21—22	1	March.
0	0	0	0·05	0	0	0	0	0	0·05	0·05	25	18—19	1	April.
0·04	0·20	0·08	0·63	0·09	0·04	0·03	0	0	1·11	0·42	27	18—19	7	May.
1·18	3·10	0·64	0·77	0·41	0·17	0·40	0·14	0·98	14·39	1·25	9	5—6	44	June.
0·21	1·18	0·13	0·24	0·21	0·10	0·51	0·56	0·35	16·96	1·27	16	10—11	48	July.
0·22	0·49	0·18	0·80	0·98	0·84	0·31	0·20	0·31	6·90	0·54	23	18—19	56	August.
0·99	0·61	0·66	0·19	0·20	0·17	0·27	0·38	0·45	10·74	1·57	26	13—14	57	September.
0·01	0·11	0·65	0·48	0·06	0·80	0·17	0·24	0·48	5·99	0·85	10	6—7	28	October.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	November.
0	0	0	0	0	0·04	0	0	0	0·04	0·04	3	20—21	1	December.
2·65	5·69	2·34	3·16	1·96	2·18	1·71	1·52	2·63	56·30	1·57	IX	..	244	*Year.*

Table VIII—Total hourly rainfall and the maximum in one h

(Totals for sixty minutes f

Hours (I. S. T). Month	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	1
														*BOM
January	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	0	0	
April	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	0·05	0·02	0	0·06	0·01	0·01	0·07	0·04	0·54	0·71	0	0	0·02	
June	0·85	0·57	0·26	1·00	1·60	0·86	0·80	1·42	1·07	0·59	0·79	0·67	0·72	
July	0·74	0·38	0·77	0·30	0·60	0·85	1·31	3·11	1·18	1·18	1·59	1·57	1·96	
August	1·35	0·80	1·77	0·33	0·73	0·76	0·71	0·59	0·57	0·53	1·83	1·20	0·95	
September	0·76	0·95	0·90	2·39	2·96	2·96	3·66	3·42	2·20	3·30	0·43	0·85	1·12	
October	0	0	0	0	0·33	0·36	0	0	0·18	0·22	0·08	0·01	0·02	
November	0	0	0	0	0	0	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year	3·75	2·72	3·70	4·08	6·23	5·80	6·55	8·58	5·74	6·53	4·72	4·30	4·79	
														PO
January	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	0	0	
April	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	0·17	0·50	0	0	0	0·02	0·07	0	0	0	0	0	0·01	
June	0·03	0·11	0·14	0·04	0·01	0·04	0	0	0·01	0	0	0	0·02	
July	0·17	0·16	0·11	0·10	0·20	0·19	0·35	0·25	0·07	0	0·09	0·26	0·04	
August	0·19	0·25	0·37	0·12	0·04	0·13	0·63	0·18	0·15	0·07	0·02	0·02	0·03	
September	0·52	0·22	0·36	0·60	0·09	0·06	0·27	0·05	0·07	0·05	0·17	0·19	0·06	
October	0·07	0·10	0·03	0·04	0·03	0·01	0·01	0	0	0	0	0	0	
November	0	0	0	0	0	0	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year	1·15	1·34	1·01	0·90	0·37	0·45	1·33	0·48	0·30	0·12	0·28	0·47	0·16	
														HYDERA
January	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	0	0	
April	0·03	0·09	0·03	0·05	0·02	0	0	0	0	0	0	0	0	
May	0·30	0	0	0	0	0	0	0	0	0	0	0	0	
June	1·05	0·57	0·26	0	1·04	0·28	0	0·01	0	0	0	0	0	
July	0·16	0·13	0·28	0·27	0·12	0·09	0·04	0·03	0·05	0·04	0	0·02	0·05	
August	0·37	0·10	0·16	0·07	0·15	0·18	0·10	0·07	0	0·40	0·85	0·13	0	
September	0·30	0·60	0·51	0·19	0·08	0·02	0·01	0·03	0	0·01	0	0	0·10	
October	0·19	0·07	0	0·04	0	0	0·01	0	0	0	0·11	0	0	
November	0	0	0	0	0	0	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year	2·40	1·56	1·24	0·62	1·41	0·57	0·16	0·14	0·05	0·45	0·96	0·15	0·15	

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

:hes) at 17 stations for the year 1949—*contd.*

›ur to full hour of I. S. T.)

15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Amount. 0—24	Maximum in one hour. Amount.	Date.	Time.	Total number of hours of rainfall.	Hours (I. S. T.). Month.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	January
0	0	0	0	0	0	0	0	0	0	0	..	..	0	February
0	0	0	0	0	0	0	0	0	0	0	..	..	0	March
0	0	0	0	0	0	0	0	0	0	0	..	..	0	April
0	0	0·11	0·06	0·04	0·05	0·12	0·30	0·04	2·25	0·71	31	9—10	23	May
0·31	0·03	0·08	0·17	0·80	0·64	0·80	2·17	0·43	17·03	1·79	1	22—23	107	June
0·55	0·61	1·03	0·95	0·57	1·38	0·46	0·53	0·46	24·03	2·68	14	7—8	200	July
0·65	0·19	0·35	1·10	0·74	0·29	0·36	0·15	0·31	18·99	1·42	31	2—3	157	August
4·02	0·66	0·77	1·15	0·87	0·84	0·83	1·87	1·42	45·65	5·06	22	14—15	197	September
0·01	0	0·02	0·03	0	0	0	0·04	0	1·31	0·33	1	4—5	16	October
0	0	0	0	0	0	0	0	0	0	0	..	..	0	November
0	0	0	0	0	0	0	0	0	0	0	..	..	0	December
5·54	1·49	2·36	3·46	3·02	3·20	2·57	5·06	2·66	109·26	5·06	IX	..	700	*Year*
0	0	0	0	0	0	0	0	0	0	0	..	..	0	January
0	0	0	0	0	0	0	0	0	0	0	..	..	0	February
0	0	0	0	0	0·01	0	0	0	0·01	0·01	28	21—22	1	March
0	0	0	0	0	0	0	0	0	0	0	..	..	0	April
0·07	0·55	0·10	0·25	0·32	0·10	0·02	0	0·09	2·65	0·43	27	2—3	29	May
0·04	0·05	0	0	0·12	0·06	0	0·04	0·02	0·78	0·14	29	3—4	22	June
0·07	0·08	0·27	0·09	0·06	0·05	0·03	0·03	0·06	2·86	0·28	13	7—8	67	July
0·30	0·11	0·06	0·09	0·25	1·38	0·40	0·23	0·24	5·65	1·08	28	21—22	103	August
0·76	0·83	0·48	0·15	0·22	0·18	0·06	0·11	0·13	6·67	0·58	22	4—5	77	September
0·10	0·05	0·06	0·03	0·18	0·14	0·06	0·09	0·09	1·54	0·40	14	15—16	37	October
0	0	0	0	0	0	0	0	0	0	0	..	..	0	November
0	0	0	0	0	0	0	0	0	0	0	..	..	0	December
1·34	1·67	0·97	0·61	1·15	1·92	0·57	0·50	0·63	20·16	1·08	VIII	..	336	*Year*
?ET).														
0	0	0	0	0	0	0	0	0	0	0	..	..	0	January.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	February.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	March.
0	0·13	0·04	0	0·04	0·01	0	0	0	0·44	0·11	28	16—17	11	April.
0·06	0	0	0·05	0	0	0	0	0·31	0·95	0·31	23	23—24	5	May.
0·07	0·09	0·07	0·21	0·19	0·72	0·63	0·52	1·05	6·82	1·01	30	4—5	48	June.
0·16	0·06	0·04	0·50	0·07	0·12	0·05	0·38	0·32	3·46	0·31	11	22—23	70	July.
0·21	0·60	0·24	0·18	0·21	0·11	0·65	0·25	0·17	5·51	0·85	27	10—11	60	August.
0·30	0·56	0·51	0·54	0·42	0·41	0·10	0·14	0·69	5·97	0·45	3	1—2	81	September.
0·02	0·01	0·13	0	0·05	0·03	0·03	0·01	0·04	0·75	0·19	2	0—1	17	October.
0	0	0	0	0	0	0	0	0	0·04	0·04	17	14—15	1	November.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	December.
0·82	1·45	1·03	1·48	0·98	1·40	1·46	1·30	2·58	23·94	1·01	VI	0	293	*Year.*

Table VIII—Total hourly rainfall and the maximum in one h

(Totals for sixty minutes fr

Hours (I.S.T.). Month.	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13-
														MADRAS
January	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	0	0	
April	0	0·84	0·05	0	0	0	0	0	0	0	0	0·01	0·01	
May	0	0	0·62	1·79	0·64	0·22	0·31	0·81	0·19	0·30	0·55	0·14	0·02	
June	0·04	0·46	0·24	0·01	0	0	0	0	0	0	0	0	0	
July	0·18	0·08	0·22	0·10	0·01	0·01	0·01	0·01	0	0	0	0	0	
August	0·29	0·80	0·35	0·18	0·18	0·09	0·01	0·06	0·08	0·01	0	0	0	
September	0·46	2·02	0·86	0·43	0·16	0·13	0·04	0·01	0	0	0	0·73	0	
October	0·09	0·27	0·14	0·54	0·13	0·01	0·13	0·14	0·10	0·27	0·01	0·02	0	
November	0	0·17	0·15	0·12	0·32	0·01	0·22	0·13	0·25	0	0·60	0·42	0·06	
December	0	0	0	0	0	0	0·04	0	0	0	0	0	0	
Year	1·06	4·64	2·63	3·17	1·44	0·47	0·76	1·16	0·62	0·58	1·16	1·32	0·09	
														CHERRAPU
January	0	0	0	0	0	0	0	0·12	0	0	0·02	0·18	0	
February	0·02	0·08	0	0	0·14	0·06	0·02	0·13	0·08	0·04	0·04	0·06	0	
March	0·73	0·19	0·13	0·18	0·10	0	0	0	0	0	0	0	0	
April	2·69	2·06	2·02	3·08	4·36	4·09	1·73	3·51	1·98	2·20	2·38	1·49	0·22	
May	0·67	2·81	4·35	6·44	5·51	5·02	6·45	3·88	1·21	2·79	2·42	0·50	1·31	
June	4·40	7·36	10·50	10·64	10·20	7·54	9·39	9·62	6·88	7·33	6·68	5·56	5·02	
July	5·54	6·68	4·68	4·46	4·74	4·95	4·04	4·42	1·95	2·42	4·28	2·92	1·76	
August	4·60	5·28	5·42	4·50	4·54	5·30	2·94	2·58	1·62	2·19	2·55	1·38	1·68	
September	4·06	3·32	6·30	4·56	4·34	3·32	5·94	4·10	2·44	3·04	2·76	1·72	1·46	
October	0·80	0·26	0·34	1·10	0·96	0·42	0·26	0·96	0·22	0·24	0	0·10	0·02	
November	0	0·04	0	0	0	0·02	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year	23·51	28·08	33·74	34·96	34·89	30·72	30·77	29·32	16·38	20·25	21·13	13·91	11·47	
														MAHABALESH
January	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	0	0	
April	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	0·08	0·02	0·03	0·03	0·03	0·02	0·08	0·06	0·05	0·02	0·04	0·07	0·27	
June	0·41	0·26	0·19	0·21	0·16	0·27	0·42	0·26	0·20	0·17	0·27	0·67	1·38	
July	3·34	2·51	2·40	4·64	5·81	3·73	3·92	2·79	1·85	2·43	2·41	2·73	3·19	
August	1·09	1·83	1·78	2·00	1·62	1·96	2·04	1·91	1·38	2·20	2·83	2·18	2·94	
September	1·85	1·20	1·07	1·07	0·89	1·63	1·35	1·86	2·16	1·98	1·10	1·29	2·50	
October	0·01	0	0	0·01	0·01	0·01	0	0	0	0	0·01	0·05	0·10	
November	0	0	0	0·07	0·02	0	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year	6·78	5·82	5·47	8·03	8·54	7·62	7·81	6·88	5·64	6·80	6·66	6·99	10·38	

ches) at 17 stations for the year 1949—*contd.*

›ur to full hour of I. S. T.)

15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Amount 0—24	Maximum in one hour. Amount.	Date.	Time.	Total number of hours of rainfall.	Hours (I. S. T.). Month.
BAKKAM).														
0	0	0	0	0	0	0	0	0	0	0	..	..	0	January.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	February.
0	0	0	0	0	0	0	0		0	0	..	..	0	March.
0	0	0	0	0	0	0	0	0	0·91	0·84	4	1—2	1	April.
0·22	0·49	0·46	0·73	0·11	0·26	0·17	0·01	0	8·40	1·76	22	3—4	0	May.
0	0·02	0·01	0·32	0·81	1·25	0·30	0·15	0·03	3·64	1·12	1	20—21	14	June.
0	0·02	0·49	0·75	0·06	0·18	0·39	0·29	0·26	3·06	0·36	17	17—18	17	July.
0·45	0	0·08	0·46	0·43	0·13	0·67	0·06	0·06	5·11	0·72	22	13—14	24	August.
0	0·40	0·09	0·84	0·54	0·38	0·02	0·12	0·10	7·33	0·87	11	1—2	21	September.
0·16	0·42	0·02	0	0	0·24	0·02	0·11	0·03	2·96	0·44	24	3—4	18	October.
0·15	0·02	0·28	0·81	0·28	0·02	0·14	0·10	0	4·57	0·81	16	18—19	15	November.
0	0	0	0	0	0	0	0	0	0·04	0·04	6	6—7	1	December.
0·98	1·37	1·43	3·91	2·23	2·46	1·71	0·84	0·48	36·02	1·76	V	..	120	*Year.*
0	0	0	0	0	0	0	0	0	0·52	0·20	18	13—14	4	January.
0·34	0·08	0·02	0·14	0·04	0	0	0	0·08	1·45	0·18	26	15—16	22	February.
0	0	0·13	0·26	0·03	0·21	0·43	1·04	0·37	3·82	0·34	18	22—23	33	March.
0·07	0·01	0·06	0·50	1·92	1·08	0·96	0·87	3·62	41·69	1·44	19	19—20	165	April.
0·22	0·59	0·74	0·96	0·18	0·51	0·18	0·16	0·54	49·92	3·08	12	6—7	171	May.
2·06	1·70	1·98	2·50	3·84	4·24	4·76	4·70	5·56	137·54	4·28	17	6—7	417	June.
0·76	1·54	3·90	4·38	4·72	4·48	4·94	4·88	4·52	90·18	1·76	17	17—18	392	July.
0·42	1·12	1·40	3·78	3·28	3·30	3·70	4·84	6·46	73·58	2·00	23	1—2	403	August.
0·84	1·20	0·88	3·40	2·18	2·70	2·30	3·02	4·32	71·30	2·50	11	6—7	250	September.
0·04	0·06	0	0	0·40	0·08	0·04	0·10	0·40	6·70	0·68	31	7—8	49	October.
0	0	0	0	0	0	0	0	0	0·06	0·04	1	1—2	2	November.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	December.
4·75	6·30	9·11	15·92	16·23	16·63	17·31	19·61	25·87	476·76	4·28	VI	..	1938	*Year.*
0	0	0	0	0	0	0	0	0	0	0	..	..	0	January.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	February.
0	0·10	0·51	0·01	0	0·01	0	0	0	0·63	0·51	30	17—18	4	March.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	April.
0·53	0·97	0·08	0·48	1·11	0·40	0·23	0·42	0·14	6·22	0·71	17	19—20	73	May.
1·34	1·18	1·22	0·97	0·89	0·50	0·38	0·44	0·35	14·33	0·68	26	15—16	252	June.
3·15	4·05	4·39	2·89	2·83	2·01	2·34	3·26	2·69	75·53	0·96	16	14—15	590	July.
3·14	3·07	2·30	2·07	1·28	1·62	1·30	1·27	1·41	48·10	0·78	2, 11	{16—17, 12—13}	463	August.
3·16	3·23	3·12	2·08	2·19	1·76	1·56	1·82	1·68	46·43	0·76	23	22—23	440	September.
0·66	0·51	0·40	0·19	0·01	0	0·01	0·01	0·03	2·77	0·61	15	15—16	31	October.
0·51	0·05	0·06	0·06	0	0	0·01	0	0	0·80	0·43	2	15—16	11	November.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	December.
12·49	13·16	12·08	8·75	8·31	6·30	5·83	7·22	6·30	194·81	0·96	VII	..	1864	*Year.*

Table VIII—Total hourly rainfall and the maximum in one ho

(Totals for sixty minutes fr

Hours (I.S.T.). Month.	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—
													KODAIKANA	
January	0	0	0·01	0·01	0	0	0	0	0	0	0·04	0·02	0·03	
February	0	0	0	0	0	0	0	0	0	0	0	0	0	
March *	..	..	..	..	..	..	..	..	..	..	..	..	..	
April	0·01	0	0	0·34	0·08	0·03	0·01	0	0	0	0	0	0·07	
May	0·01	0	0	0·01	0·01	0	0	0·01	0	0·01	0·09	0	0·07	
June	0·01	0	0·01	0·05	0·03	0	0	0	0	0	0·01	0·03	0·04	
July	0·05	0·05	0·02	0·02	0·01	0·01	0·01	0	0	0·11	0·02	0·23	1·15	
August	0·75	0·29	0·07	0·22	0·08	0·02	0	0	0·01	0·04	0·23	0·80	0·74	
September †	..	..	..	..	..	..	..	..	..	..	..	..	..	
October	0·08	0·03	0·02	0·09	0	0	0	0	0	0	0·01	0·09	1·00	
November	0·17	0·03	0	0·01	0	0	0·03	0	0·09	0·11	0·08	0·18	0·48	
December	0	0	0	0	0	0	0·01	0	0	0	0·01	0	0	
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	
													SEYCHELLE	
January	0·14	0·10	0	0·02	0	0·07	0	0·41	0·06	0·06	0	0·22	0·08	
February	0·70	0·92	0·37	0·58	0·03	1·67	0·39	0·01	0·01	0·41	0·39	0·47	0·19	
March	0·05	0	0	0	0	0·01	0·72	0·41	0	0	0	0·40	0·08	
April	0	0·02	0·10	0·01	0·14	0·03	0·23	0	0·01	0·14	0	0·15	0·12	
May	0·32	0·05	0·48	0·17	0·12	0·02	0	0·14	0·03	0·04	0·10	0·06	0·09	
June	0·07	0·12	0·77	0·17	0·13	0·06	0·09	0·08	0·06	0·07	0·28	0·16	0·19	
July	0·01	0·11	0·04	0·04	0	0·02	0·03	0·01	0·02	0·09	0·14	0·09	0·45	
August	1·05	0·27	0·11	0·07	0·20	0·22	0·14	0·15	0·10	0	0·10	0·02	0·07	
September	0·01	0·08	0·27	0·09	0·09	0·05	0·12	0·10	0·25	0·08	0	0·05	0·17	
October	0·77	0·28	0·08	0·05	0·06	0·92	0·20	0·09	0·26	0·85	1·37	1·62	0·32	
November	0·75	0·08	0·05	0	0·05	0·05	0	0·04	0·62	1·64	1·51	0·51	0·34	
December	0·08	0·02	0·02	0·08	0·83	0·40	0·06	0·04	0·01	0·09	0·61	1·55	2·02	
Year	3·95	2·05	2·29	1·28	1·65	3·52	1·98	1·48	1·43	3·47	4·50	5·30	4·12	

* Records not available.

† Data incomplete.

ches) at 17 stations for the year 1949—*contd.*

our to full hour of I. S. T.)

15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Amount 0—24	Maximum in one hour. Amount.	Date.	Time.	Total number of hours of rainfall.	Hours (I. S. T.). Month.
0	0	0·01	0·01	0	0·01	0·05	0·14	0·06	0·42	0·14	11	23—24	9	January.
0	0	0	0	0	0	0	0	0	0	0	..	..	0	February.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	March.
0·21	0·11	0·01	0·02	0·46	0·03	0·04	0·37	0·16	2·20	0·37	17	23—24	9	April.
0·43	0·86	1·51	0·45	0·13	0·47	0·35	0·06	0	5·34	1·08	3	18—19	23	May.
0·52	0·14	0·08	0·03	0·03	0·01	0	0	0	3·31	0·60	16	15—16	17	June.
1·76	0·47	0·44	0·58	0·53	0·40	0·18	0·15	0·15	7·69	1·02	7	13—14	49	July.
0·57	0·45	0·62	0·35	0·12	0·15	0·10	0·12	0·10	8·25	0·62	24	12—13	55	August.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	September.
1·09	0·56	0·84	0·83	0·66	0·63	0·50	0·26	0·21	8·95	0·54	13	16—17	59	October.
0·15	0·86	0·64	0·25	0·22	1·18	0·53	0·35	0·14	6·48	1·01	1	19—20	33	November.
0	0	0	0·01	0·01	0	0	0	0	0·04	0·01	5	4 hours	1	December.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	*Year.*
0·22	0	0·19	0·07	0·17	0·12	0·37	0·06	0·04	2·40	0·37	19	21—22	28	January.
1·04	0·12	0	0·81	1·58	0·75	0·34	0·15	0·45	12·53	1·27	12	5—6	73	February.
0·67	0·14	0·05	0·01	0·09	0·12	1·29	0·57	0·07	5·00	1·26	3	21—22	26	March.
0·11	0	0	0·02	0	0·01	0·02	0	0	1·20	0·22	7	6—7	22	April.
0·57	0·14	0·02	0	0·36	0·11	0·04	0·08	0·17	3·86	0·42	11	13—14	59	May.
0·04	0·04	0·01	0·33	0·25	0·03	0·23	0·27	0·16	3·83	0·65	3	2—3	92	June.
0·17	0·38	0·12	0·03	0·02	0·01	0·07	0·05	0·02	2·17	0·34	7	16—17	51	July.
0·15	0·11	0·12	0·16	0·89	0·63	0·38	0·24	0·35	6·03	0·69	22	0—1	75	August.
0	0·25	0·07	0·01	0·04	0·04	0·17	0	0	2·03	0·24	5	16—17	45	September.
0·09	0·43	0·14	0·10	0·15	0·03	0	0·15	0·54	8·84	1·09	24	11—12	65	October.
0	0·10	0·03	0·06	0·10	0·16	0·11	0·11	0·11	6·84	1·52	30	9—10	51	November.
0·47	1·07	0·26	0·58	0·22	0·61	0·54	2·19	0·54	13·38	1·40	19	22—23	97	December.
3·53	2·78	1·01	2·18	3·87	2·62	3·56	3·87	2·45	68·11	1·52	XI	..	684	*Year.*

Table VIIIA—Frequency of rainfall amounts in one hour at 17 stations for the year 1949.

Month Rainfall (inches).	0·01-0·10	0·11-0·25	0·26-0·50	0·51-0·75	0·76-1·00	1·01-1·50	1·51-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	A 6·00
Dum Dum												
January	1	..	..	..	..	..	..	..	..	..	..	..
February	5	1	..	..	..	..	..	..	..	..	..	..
March	2	3	1	..	..	1	..	..	..	..	..	..
April	7	6	3	3	1	..	1	..	..	..	..	..
May	14	13	16	7	1	1	..	..	..	..	..	..
June	53	5	8	2	..	2	1	..	..	..	..	..
July	100	11	11	2	2	1	..	..	..	..	..	..
August	72	10	6	1	1	..	..	..	..	..	..	..
September	45	6	8	6	..	1	1	..	..	..	..	..
October	33	2	4	1	2	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	332	57	57	22	7	6	3	..	..	..	..	..
Calcutta												
January	2	..	..	..	..	..	..	..	..	..	..	..
February	2	..	..	..	..	..	..	..	..	..	..	..
March	4	..	1	1	..	..	..	..	..	..	..	..
April	24	4	3	1	2	1	..	..	..	..	..	..
May	42	11	9	3	1	..	..	..	..	..	..	..
June	41	8	2	3	3	..	..	..	..	..	..	..
July	87	16	9	4	3	1	..	..	..	..	..	..
August	65	19	5	2	1	..	..	..	..	..	..	..
September	50	11	9	3	2	2	..	..	..	..	..	..
October	28	4	3	2	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	345	73	41	19	12	4	..	..	..	..	..	..
Saugor Island												
January	2	..	1	..	..	..	..	..	..	..	..	..
February	1	..	..	..	..	..	..	..	..	..	..	..
March	1	1	1	..	..	..	..	..	..	..	..	..
April	4	4	7	2	..	..	1	..	..	..	..	..
May	27	6	3	3	1	..	..	..	..	..	..	..
June	32	10	4	1	..	2	..	..	..	..	..	..
July*	51	8	..	1	..	1	..	..	..	..	..	..
August†	..	..	..	..	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..
October‡	23	10	1	1	..	1	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..

Month Rainfall (inches).	0·01-0·10	0·11-0·25	0·26-0·50	0·51-0·75	0·76-1·00	1·01-1·50	1·51-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00
Jamshedpur.											
January	5	..	..	1	..	..	..	..	..	..	..
February	1	..	..	..	..	..	..	..	..	..	..
March	6	..	..	1	..	..	..	..	..	..	..
April	22	4	..	5	1	..	..	..	..	..	..
May	16	2	2	1	1	1	..	1	..	..	..
June	33	14	9	3	3	4	..	..	1	..	..
July	100	8	7	3	..	1	..	..	..	..	..
August	55	14	1	1	1	1	..	1	..	..	..
September	36	7	4	1	..	..	..	..	..	..	..
October	26	2	3	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	300	51	26	16	6	7	..	2	1	..	..
Gaya											
January	9	1	1	..	..	..	..	..	..	..	..
February	21	6	..	..	..	..	..	..	..	..	..
March	2	..	..	..	..	..	..	..	..	..	..
April	2	..	..	..	..	..	..	..	..	..	..
May	3	3	1	1	..	..	..	..	..	..	..
June	29	1	3	..	..	1	..	..	..	..	..
July	60	16	10	1	1	3	..	..	..	..	..
August	71	14	12	3	1	1	1	..	..	..	..
September	26	10	2	..	..	..	..	..	..	..	..
October	11	1	1	1	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	234	42	30	6	2	5	1	..	..	..	..
Allahabad ((Bamrauli)											
January	..	..	..	..	..	..	..	..	..	..	..
February	12	5	..	..	..	..	..	..	..	..	..
March	..	1	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..
May	1	..	..	..	..	..	..	..	..	..	..
June	5	..	1	..	..	..	..	..	..	..	..
July*	..	..	..	..	..	..	..	..	..	..	..
August	70	15	9	3	2	1	..	..	..	..	..
September	33	5	1	..	1	1	..	..	..	..	..
October	24	8	1	2	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..

*Data available from 1st-20th. †Data not available. ‡Data available from 9th-31st. *Data not available.

Table VIIIA—Frequency of rainfall amounts in one hour at 17 stations for the year 1949—*contd.*

(inches).	0·01-0·10	0·11-0·25	0·26-0·50	0·51-0·75	0·76-1·00	1·01-1·50	1·51-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	>6·00
New Delhi												
ry	1	..	..	..	..	..	..	..	..	..	..	..
ary	3	2	1	..	..	..	..	..	..	..	..	..
	4	..	..	..	..	..	..	..	..	..	..	..
	1	..	..	..	..	..	..	..	..	..	..	..
	7	1	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
st	18	3	2	1	1	..	..	..	..	..	..	..
mber	27	9	1	..	..	..	..	..	..	..	..	..
er	..	..	..	..	..	..	..	..	..	..	..	..
nber	..	..	..	..	..	..	..	..	..	..	..	..
aber	..	..	..	..	..	..	..	..	..	..	..	..
r	..	..	..	..	..	..	..	..	..	..	..	..
Jodhpur												
ry	5	..	..	..	..	..	..	..	..	..	..	..
ary	1	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	2	..	..	..	..	..	..	..	..	..	..	..
	7	1	1	..	..	..	..	..	..	..	..	..
	25	2	5	1	..	..	1	..	..	..	..	..
st	16	2	1	..	..	..	..	..	..	..	..	..
mber	10	..	1	..	..	..	..	..	..	..	..	..
er	..	..	..	..	..	..	..	..	..	..	..	..
nber	..	..	..	..	..	..	..	..	..	..	..	..
aber	..	..	..	..	..	..	..	..	..	..	..	..
r	66	5	8	1	..	..	1	..	..	..	..	..
Nagpur												
ry	..	..	..	..	..	..	..	..	..	..	..	..
ary	3	..	..	..	..	..	..	..	..	..	..	..
	2	..	..	..	..	..	..	..	..	..	..	..
	1	..	..	..	..	..	..	..	..	..	..	..
	9	2	1	..	..	..	..	..	..	..	..	..
	42	19	3	3	4	3	..	..	..	..	..	..
	72	20	6	3	3	4	..	..	..	..	..	..
t	69	12	5	1	..	..	..	..	..	..	..	..
ber	70	15	7	1	..	1	1	..	..	..	..	..
r	30	8	4	1	2	..	..	..	..	..	..	..
ber	..	..	..	..	..	..	..	..	..	..	..	..
ber	1	..	..	..	..	..	..	..	..	..	..	..
r	299	76	26	9	7	7	1	..	..	..	..	..

Month Rainfall (inches).	0·01-0·10	0·11-0·25	0·26-0·50	0·51-0·75	0·76-1·00	1·01-1·50	1·51-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	>6·00
Bombay												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	18	2	1	2	..	..	..	..	..	..	..	..
June	70	15	14	7	..	..	1	..	..	..	..	..
July	147	26	18	6	2	..	..	1	..	..	..	..
August	115	21	14	2	3	2	..	..	..	..	..	..
September	139	23	12	9	3	2	5	2	1	..	1	..
October	11	4	1	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	.
Year	500	91	60	26	8	4	6	3	1	..	1	..
Poona												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	1	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	22	5	2	..	..	..	..	..	..	..	..	..
June	19	3	..	..	..	..	..	..	..	..	..	..
July	62	5	1	..	..	..	..	..	..	..	..	..
August	88	11	3	..	..	1	..	..	..	..	..	..
September	60	10	6	1	..	..	..	..	..	..	..	..
October	35	1	1	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	287	35	13	1	..	1	..	..	..	..	..	..
Hyderabad (Begumpet)												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..
April	10	1	..	..	..	..	..	..	..	..	..	..
May	2	1	2	..	..	..	..	..	..	..	..	..
June	32	8	5	2	..	1	..	..	..	..	..	..
July	62	5	3	..	..	..	..	..	..	..	..	..
August	45	11	2	1	1	..	..	..	..	..	..	..
September	59	19	3	..	..	..	..	..	..	..	..	..
October	14	3	..	..	..	..	..	..		..	..	..
November	1	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	225	48	15	3	1	1	..	..	..	..	..	..

*Data not available.

Table VIIIA—Frequency of rainfall amounts in one hour at 17 stations for the year 1949.—*contd.*

Month Rainfall (inches).	0·01-0·10	0·11-0·25	0·26-0·50	0·51-0·75	0·76-1·00	1·01-1·50	1·51-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	7·6·00
MADRAS (MEENAMBAKKAM)												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..
April	3	..	..	..	1	..	..	..	..	..	..	..
May	14	9	3	4	1	..	1	..	..	..	..	..
June	25	4	2	..	..	1	..	..	..	..	..	..
July	32	7	3	..	..	..	..	..	..	..	..	..
August	32	8	3	2	..	..	..	..	..	..	..	..
September	24	4	7	3	1	..	..	..	..	..	..	..
October	29	5	3	..	..	..	..	..	..	..	..	..
November	18	8	4	1	1	.	..	..	..	..	..	..
December	1	..	..	..	..	..	..	..	..	..	..	..
Year	178	45	25	10	4	1	1	..	..	..	..	..
CHERRAPUNJI												
January	1	3	..	..	..	..	..	..	..	..	..	..
February	17	5	..	..	..	..	..	..	..	..	..	..
March	25	5	2	2	..	..	..	..	..	..	..	..
April	81	32	20	16	11	5	..	..	..	..	..	..
May	95	35	15	6	4	5	8	2	1	..	..	..
June	191	95	81	39	20	9	10	3	..	1	..	..
July	137	130	94	22	6	5	2	..	..	..	..	..
August	219	115	42	8	10	4	5	..	..	..	..	..
September	106	56	36	26	17	6	2	1	..	..	..	..
October	29	14	2	3	1	..	..	..	..	..	..	..
November	2	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	903	490	92	122	69	34	27	6	1	1	..	..
MAHABALESHWAR												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	3	..	..	1	..	..	..	..	..	..	..	..
April	..	..	.	..	..	..	..	..	..	..	..	..
May	61	6	4	1	1	..	..	..	..	..	..	..
June	213	32	6	2	..	..	..	..	..	..	..	..
July	369	121	67	17	10	..	..	..	..	..	..	..
August	323	96	33	7	4	..	..	..	..	..	..	..
September	299	89	41	9	2	..	..	..	..	..	..	..
October	23	5	2	1	..	..	..	..	..	..	..	..
November	10	..	1	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	1901	349	154	38	17	..	..	..	..	..	..	..

Month Rainfall (inches).	0·01-0·10	0·11-0·25	0·26-0·50	0·51-0·75	0·76-1·00	1·01-1·50	1·51-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00
KODAIKANAL											
January	11	1	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..
March*	..	..	..	..	..	..	..	..	..	..	..
April	17	5	3	..	..	..	..	..	..	..	..
May	41	7	2	2	..	1	..	..	..	..	..
June	28	8	1	1	..	..	..	..	..	..	..
July	78	12	4	2	..	..	..	..	..	..	..
August	72	12	6	3	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..
October	92	19	7	2	..	..	..	..	..	..	..
November	52	7	4	..	1	1	..	..	..	..	..
December	4	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..
SEYCHELLES											
January	20	7	1	..	..	..	..	..	..	..	..
February	43	13	10	4	1	2	..	..	..	..	..
March	20	2	5	1	..	1	..	..	..	..	..
April	19	3	..	..	..	..	..	..	..	..	..
May	51	3	4	..	..	..	..	..	..	..	..
June	88	4	..	1	..	..	..	..	..	..	..
July	48	1	2	..	..	..	..	..	..	..	..
August	61	10	3	1	1	..	..	..	..	..	..
September	40	5	..	..	..	..	..	..	..	..	..
October	47	8	5	2	2	1	..	..	..	..	..
November	36	10	3	1	1	..	1	..	..	..	..
December	65	18	7	5	1	1	..	..	..	..	..
Year	538	84	40	15	6	5	1	..	..	..	..

*Records not available. †Data incomplete.

Table VIIIB.—Frequency of rainfall amounts in two hour periods at 17 stations for the year 1949.

(inches).	0·01-0·50.	0·51-1·00.	1·01-1·50.	1·51-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-7·00.	7·01-8·00.	8·01-9·00.	9·01-10·00.	A 10·00.
DUM DUM.													
.	2	..	..	..	..	..	..	..	..	..	..	..	..
y .	8	..	..	..	..	..	..	..	..	..	..	..	..
.	5	2	2	..	..	..	..	..	..	..	..	..	..
.	24	6	1	2	..	..	..	..	..	..	..	..	..
.	40	21	4	1	1	..	..	..	..	..	..	..	..
.	89	5	3	2	2	..	..	..	..	..	..	..	..
.	174	8	2	1	..	..	..	..	..	..	..	..	..
.	125	4	1	..	..	..	..	..	..	..	..	..	..
ber .	78	10	2	3	..	..	..	..	..	..	..	..	..
.	55	4	2	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..	..
er .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	600	60	17	9	3	..	..	..	..	..	..	..	..
CALCUTTA.													
y .	3	..	..	..	..	..	..	..	..	..	..	..	..
ry .	3	..	..	..	..	..	..	..	..	..	..	..	..
.	8	2	..	..	..	..	..	..	..	..	..	..	..
.	46	4	4	..	..	..	..	..	..	..	..	..	..
.	73	10	2	..	..	..	..	..	..	..	..	..	..
.	76	12	..	..	..	..	..	..	..	..	..	..	..
.	156	16	2	..	1	..	..	..	..	..	..	..	..
.	132	6	1	..	..	..	..	..	..	..	..	..	..
ber .	97	12	2	2	..	..	..	..	..	..	..	..	..
r .	52	3	1	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	646	65	12	2	1	..	..	..	..	..	..	..	..
SAUGOR ISLAND.													
y .	5	..	..	..	..	..	..	..	..	..	..	..	..
ry .	2	..	..	..	..	..	..	..	..	..	..	..	..
.	4	1	..	..	..	..	..	..	..	..	..	..	..
.	14	5	2	1	1	..	..	..	..	..	..	..	..
.	48	8	1	..	..	..	..	..	..	..	..	..	..
.	63	3	1	1	1	..	..	..	..	..	..	..	..
.	77	2	..	2	..	..	..	..	..	..	..	..	..
t† .	..	..	..	..	..	..	..	..	..	..	..	..	..
nber†	..	..	..	..	..	..	..	..	..	..	..	..	..
er‡ .	50	2	2	..	..	..	..	..	..	..	..	..	..
nber .	..	..	..	..	..	..	..	..	..	..	..	..	..
nber .	..	..	..	..	..	..	..	..	..	..	..	..	..
. .	..	..	..	..	..	..	..	..	..	..	..	..	..

Month Rainfall (Inches).	0·01-0·50.	0·51-1·00.	1·01-1·50.	1·51-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-7·00.	7·01-8·00.	8·00-9·00.	9·01-10·00.	A 10·00.
JAMSHEDPUR.													
January .	7	2	..	..	..	..	..	..	..	..	..	..	..
February .	2	..	..	..	..	..	..	..	..	..	..	..	..
March .	10	2	..	..	..	..	..	..	..	..	..	..	..
April . .	36	10	1	..	..	..	..	..	..	..	..	..	..
May . .	26	3	3	..	2	..	..	..	..	..	..	..	..
June . .	64	12	3	4	..	1	1	..	..	..	..	..	..
July . .	159	10	3	..	..	..	..	..	..	..	..	..	..
August .	103	3	2	..	2	..	..	..	..	..	..	..	..
September .	74	4	..	..	..	..	..	..	..	..	..	..	..
October .	44	..	..	..	..	..	..	..	..	..	..	..	..
November .	..	..	..	..	..	..	..	..	..	..	..	..	..
December .	..	..	..	..	..	..	..	..	..	..	..	..	..
Year . .	525	46	12	4	4	1	1	..	..	..	..	..	..
GAYA.													
January .	14	1	..	..	..	..	..	..	..	..	..	..	..
February .	34	..	..	..	..	..	..	..	..	..	..	..	..
March .	4	..	..	..	..	..	..	..	..	..	..	..	..
April . .	4	..	..	..	..	..	..	..	..	..	..	..	..
May . .	11	2	..	..	..	..	..	..	..	..	..	..	..
June . .	41	1	2	..	..	..	..	..	..	..	..	..	..
July . .	121	6	2	1	2	..	..	..	..	..	..	..	..
August .	125	15	1	..	2	..	..	..	..	..	..	..	..
September .	56	..	..	..	..	..	..	..	..	..	..	..	..
October .	14	1	1	..	..	..	..	..	..	..	..	..	..
November .	..	..	..	..	..	..	..	..	..	..	..	..	..
December .	..	..	..	..	..	..	..	..	..	..	..	..	..
Year . .	424	26	6	1	4	..	..	..	..	..	..	..	..
ALLAHABAD (BAMRAULI).													
January .	..	..	..	..	..	..	..	..	..	..	.	..	..
February .	25	..	..	..	..	..	..	..	..	..	..	..	..
March .	2	..	..	..	..	..	..	..	..	..	..	..	..
April . .	..	..	..	..	..	..	..	..	..	..	..	..	..
May . .	7	..	..	..	..	..	..	..	..	..	..	..	..
June . .	12	..	..	..	..	..	..	..	..	..	..	..	..
July§ .	..	..	..	..	..	..	..	..	..	..	..	..	..
August .	123	10	2	1	..	..	..	..	..	..	..	..	..
September .	66	2	1	1	..	..	..	..	..	..	..	..	..
October .	41	4	..	..	..	..	..	..	..	..	..	..	..
November .	..	..	..	..	..	..	..	..	..	.	..	..	..
December .	..	..	..	..	..	..	..	..	..	..	..	..	.
Year . .	..	..	..	..	..	..	..	..	..		.	..	..

ecords only from 1st to 20th. †Records not available. ‡Records only from 9th to 31st. §Data not available.

Table VIIIB.—Frequency of rainfall amounts in two hour periods at 17 stations for the year 1949—*con*

Month Rainfall (inches).	0·01-0·50.	0·51-1·00.	1·01-1·50.	1·51-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-7·00.	7·01-8·00.	8·01-9·00.	9·01-10·00.	10·00. A
NEW DELHI.													
January	2	..	..	..	..	..	..	..	..	..	..	..	..
February	10	..	..	..	..	..	..	..	..	..	..	..	..
March	7	..	..	..	..	..	..	..	..	..	..	..	..
April	2	..	..	..	..	..	..	..	..	..	..	..	..
May	12	..	..	..	..	..	..	..	..	..	..	..	..
June	..	..	..	..	..	..	..	..	..	..	..	..	..
July*	..	..	..	..	..	..	..	..	..	..	..	..	..
August	34	5	..	..	..	..	..	..	..	..	..	..	..
September	56	1	..	..	..	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..
JODHPUR.													
January	8	..	..	..	..	..	..	..	..	..	..	..	..
February	2	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	4	..	..	..	..	..	..	..	..	..	..	..	..
June	14	..	..	..	..	..	..	..	..	..	..	..	..
July	54	1	1	1	1	..	..	..	..	..	..	..	..
August	36	..	..	..	..	..	..	..	..	..	..	..	..
September	17	..	..	..	..	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	135	1	1	1	1	..	..	..	..	..	..	..	..
NAGPUR.													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	6	..	..	..	..	..	..	..	..	..	..	..	..
March	4	..	..	..	..	..	..	..	..	..	..	..	..
April	2	..	..	..	..	..	..	..	..	..	..	..	..
May	18	..	..	..	..	..	..	..	..	..	..	..	..
June	88	15	6	..	..	..	..	..	..	..	..	..	..
July	127	6	8	2	..	..	..	..	..	..	..	..	..
August	121	3	1	..	..	..	..	..	..	..	..	..	..
September	121	4	2	3	..	..	..	..	..	..	..	..	..
October	54	7	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	2	..	..	..	..	..	..	..	..	..	..	..	..
Year	543	35	17	5	..	..	..	..	..	..	..	..	..

Month Rainfall (inches)	0·01-0·50.	0·51-1·00.	1·01-1·50.	1·51-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-7·00.	7·01-8·00.	8·01-9·00.	9·01-10·00.
BOMBAY.												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	31	2	1	..	..	..	..	..	..	..	..	..
June	141	16	3	1	1	..	..	..	..	..	..	..
July	269	16	7	..	..	2	..	..	..	..	..	..
August	220	13	3	4	..	..	..	..	..	..	..	..
September	231	18	3	3	4	3	3	..	1	..	1	..
October	24	1	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	916	66	17	8	5	5	3	..	1	..	1	..
POONA.												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	2	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	46	1	..	..	..	..	..	..	..	..	..	..
June	35	..	..	..	..	..	..	..	..	..	..	..
July	115	..	..	..	..	..	..	..	..	..	..	..
August	148	..	2	..	..	..	..	..	..	..	..	..
September	99	8	..	..	..	..	..	..	..	..	..	..
October	51	..	..	..	..	..	..	..	..	..	..	..
November	..	...	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	496	9	2	..	..	..	..	..	..	..	..	..
HYDERABAD (BEGUMPET).												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..
April	15	..	..	..	..	..	..	..	..	..	..	..
May	8	..	..	..	..	..	..	..	..	..	..	..
June	61	5	3	..	..	..	..	..	..	..	..	..
July	106	1	..	..	..	..	..	..	..	..	..	..
August	78	3	1	..	..	..	..	..	..	..	..	..
September	127	..	..	..	..	..	..	..	..	..	..	..
October	27	..	..	..	..	..	..	..	..	..	..	..
November	2	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	424	9	4	..	..	..	..	..	..	..	..	..

*Data not available.

ble VIII B.—Frequency of rainfall amounts in two hour periods at 17 stations for the year 1949—*concld.*

	0·01-0·50.	0·51-1·00.	1·01-1·50.	1·51-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-7·00.	7·01-8·00.	8·01-9·00.	9·01-10·00.	A 10·00.
MADRAS (MEENAMBAKKAM).													
.	..	..	..	..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	..	..	..	..	..	..	..	..
.	5	2	..	..	..	..	..	..	..	..	..	..	..
.	27	7	2	..	1	..	..	..	..	..	..	..	..
.	47	2	2	..	..	..	..	..	..	..	..	..	..
.	61	..	..	..	..	..	..	..	..	..	..	..	..
.	62	5	..	..	..	..	..	..	..	..	..	..	..
er .	44	7	3	..	..	..	..	..	..	..	..	..	..
.	55	..	..	..	..	..	..	..	..	..	..	..	..
er .	42	2	2	..	..	..	..	..	..	..	..	..	..
r .	2	..	..	..	..	..	..	..	..	..	..	..	..
.	345	25	9	..	1	..	..	..	..	..	..	..	..
CHERRAPUNJI.													
.	6	..	..	..	..	..	..	..	..	..	..	..	..
y .	35	..	..	..	..	..	..	..	..	..	..	..	..
.	48	4	..	..	..	..	..	..	..	..	..	..	..
.	151	33	16	7	2	..	..	..	..	..	..	..	..
.	175	25	6	2	6	9	1	..	..	..	..	..	..
.	339	94	36	16	15	4	3	..	..	1	..	..	..
.	307	108	15	6	3	1	..	..	..	..	..	..	..
.	395	55	14	2	6	3	..	..	..	..	..	..	..
er .	198	40	31	12	7	1	..	..	..	..	..	..	..
.	59	8	..	..	..	..	..	..	..	..	..	..	..
er .	4	..	..	..	..	..	..	..	..	..	..	..	..
er .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	1717	367	118	45	39	18	4	..	..	1	..	..	..
MAHABALESHWAR.													
.	..	..	..	..	..	..	..	..	..	..	..	..	..
y .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	4	2	..	..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	..	..	..	..	..	..	..	..
.	102	5	..	..	..	..	..	..	..	..	..	..	..
.	342	4	..	..	..	..	..	..	..	..	..	..	..
.	583	65	20	3	..	..	..	..	..	..	..	..	..
.	517	28	8	..	..	..	..	..	..	..	..	..	..
ber .	463	42	4	..	..	..	..	..	..	..	..	..	..
r .	43	2	..	..	..	..	..	..	..	..	..	..	..
ber .	18	..	..	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	2072	148	32	3	..	..	..	..	..	..	..	..	..

Month Rainfall (Inches).	0·01-0·50.	0·51-1·00.	1·01-1·50.	1·51-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-7·00.	7·01-8·00.	8·01-9·00.	9·01-10·00.	A 10·00.
KODAIKANAL.													
January .	16	..	..	..	..	..	..	..	..	..	..	..	..
February .	..	..	..	..	..	..	..	..	..	..	..	..	..
March* .	..	..	..	..	..	..	..	..	..	..	..	..	..
April . .	42	..	..	..	..	..	..	..	..	..	..	..	..
May . .	73	4	2	..	..	..	..	..	..	..	..	..	..
June . .	57	2	..	..	..	..	..	..	..	..	..	..	..
July . .	127	6	2	..	..	..	..	..	..	..	..	..	..
August .	119	8	..	..	..	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..	..
October .	160	3	..	..	..	..	..	..	..	..	..	..	..
November .	80	4	2	..	..	..	..	..	..	..	..	..	..
December .	7	..	..	..	..	..	..	..	..	..	..	..	..
Year . .	..	..	..	..	..	..	..	..	..	..	..	..	..
SEYCHELLES.													
January .	46	..	..	..	..	..	..	..	..	..	..	..	..
February .	93	8	6	..	..	..	..	..	..	..	..	..	..
March .	44	2	3	..	..	..	..	..	..	..	..	..	..
April . .	39	..	..	..	..	..	..	..	..	..	..	..	..
May . .	89	1	..	..	..	..	..	..	..	..	..	..	..
June . .	154	2	..	..	..	..	..	..	..	..	..	..	..
July . .	88	..	..	..	..	..	..	..	..	..	..	..	..
August .	108	5	2	..	..	..	..	..	..	..	..	..	..
September .	71	..	..	..	..	..	..	..	..	..	..	..	..
October .	87	5	5	1	..	..	..	..	..	..	..	..	..
November .	73	2	1	1	1	..	..	..	..	..	..	..	..
December .	136	9	3	2	..	..	..	..	..	..	..	..	..
Year . .	1028	34	20	4	1	..	..	..	..	..	..	..	..

* Records not available. †Data incomplete.

Table VIII C.—Frequency of rainfall amounts in three hour periods at 17 stations for the year 1949.

Month Rainfall (inches).	0-01-1·00.	1-01-2·00.	2-01-3·00.	3-01-4·00.	4-01-5·00.	5-01-6·00.	6-01-8·00.	8-01-10·00.	10-01-12·00.	12-01-14·00.	14-01-16·00.	16·00. Λ
DUM DUM.												
January	3	..	..	..	..	..	..	..	..	..	..	..
February	10	..	..	..	..	..	..	..	..	..	..	..
March	8	3	..	..	..	..	..	..	..	..	..	..
April	40	5	..	..	..	..	..	..	..	..	..	..
May	68	13	3	..	..	..	..	..	..	..	..	..
June	121	6	4	..	..	..	..	..	..	..	..	..
July	224	7	..	..	..	..	..	..	..	..	..	..
August	167	3	..	..	..	..	..	..	..	..	..	..
September	105	10	..	..	..	..	..	..	..	..	..	..
October	73	4	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	819	51	7	..	..	..	..	..	..	..	..	..
CALCUTTA.												
January	4	..	..	..	..	..	..	..	..	..	..	..
February	4	..	..	..	..	..	..	..	..	..	..	..
March	11	2	..	..	..	..	..	..	..	..	..	..
April	65	7	..	..	..	..	..	..	..	..	..	..
May	93	8	..	..	..	..	..	..	..	..	..	..
June	114	..	..	..	..	..	..	..	..	..	..	..
July	215	3	2	..	..	..	..	..	..	..	..	..
August	174	3	..	..	..	..	..	..	..	..	..	..
September	133	6	2	..	..	..	..	..	..	..	..	..
October	71	2	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	884	31	4	..	..	..	..	..	..	..	..	..
SAUGOR ISLAND.												
January	7	..	..	..	..	..	..	..	..	..	..	..
February	3	..	..	..	..	..	..	..	..	..	..	..
March	7	..	..	..	..	..	..	..	..	..	..	..
April	20	6	2	..	..	..	..	..	..	..	..	..
May	75	..	..	..	..	..	..	..	..	..	..	..
June	82	4	..	..	..	..	..	..	..	..	..	..
July*	102	3	..	..	..	..	..	..	..	..	..	..
August†	..	..	..	..	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..
October‡	67	3	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..

Months Rainfall (inches).	0-01-1·00.	1-01-2·00.	2-01-3·00.	3-01-4·00.	4-01-5·00.	5-01-6·00.	6-01-8·00.	8-01-10·00.	10-01-12·00.	12-01-14·00.	14-01-16·00.
JAMSHEDPUR.											
January	11	..	..	..	..	..	..	..	..	..	..
February	3	..	..	..	..	..	..	..	..	..	..
March	17	..	..	..	..	..	..	..	..	..	..
April	57	2	..	..	..	..	..	..	..	..	..
May	33	8	3	..	..	..	..	..	..	..	..
June	88	11	1	1	2	..	..	..	..	..	..
July	212	4	..	..	..	..	..	..	..	..	..
August	137	3	3	..	..	..	..	..	..	..	..
September	109	..	..	..	..	..	..	..	..	..	..
October	55	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	722	28	7	1	2	..	..	..	..	..	..
GAYA.											
January	17	..	..	..	..	..	..	..	..	..	..
February	41	..	..	..	..	..	..	..	..	..	..
March	5	..	..	..	..	..	..	..	..	..	..
April	6	..	..	..	..	..	..	..	..	..	..
May	18	..	..	..	..	..	..	..	..	..	..
June	51	3	..	..	..	..	..	..	..	..	..
July	152	6	1	2	..	..	..	..	..	..	..
August	163	3	1	1	..	..	..	..	..	..	..
September	73	..	..	..	..	..	..	..	..	..	..
October	16	2	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	542	14	2	3	..	..	..	..	..	..	..
ALLAHABAD (BAMRAULI).											
January	..	..	..	..	..	..	..	..	..	..	..
February	33	..	..	..	..	..	..	..	..	..	..
March	3	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..
May	10	..	..	..	..	..	..	..	..	..	..
June	17	..	..	..	..	..	..	..	..	..	..
July§	..	..	..	..	..	..	..	..	..	..	..
August	157	10	..	..	..	..	..	..	..	..	..
September	93	3	..	..	..	..	..	..	..	..	..
October	53	2	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..

*Records for 1st to 20th only. † Records not available. ‡ Records for 9th to 31st only. § Data not available

ble VIII C.—Frequency of rainfall amounts in three hour periods at 17 stations for the year 1949—*contd.*

	0·01-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-8·00.	8·01-10·00.	10·01-12·00.	12·01-14·00.	14·01-16·00.	∧ 16·00.
NEW DELHI.												
.	3	..	..	..	..	..	..	..	..	..	..	..
y .	13	..	..	..	..	..	..	..	..	..	..	..
.	10	..	..	..	..	..	..	..	..	..	..	..
.	3	..	..	..	..	..	..	..	..	..	..	..
.	16	..	..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	..	..	..	..	..	..	..
.	117	3	3	..	..	..	..	..	..	..	..	..
.	57	..	..	..	..	..	..	..	..	..	..	..
er .	74	..	..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	..	..	..	..	..	..	..
er .	..	..	..	..	..	..	..	..	..	..	..	..
er .	..	..	..	..	..	..	..	..	..	..	..	..
.	293	3	3	..	..	..	..	..	..	..	..	..
JODHPUR.												
.	10	..	..	..	..	..	..	..	..	..	..	..
y .	3	..	..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	..	..	..	..	..	..	..
.	6	..	..	..	..	..	..	..	..	..	..	..
.	17	..	..	..	..	..	..	..	..	..	..	..
.	73	3	2	..	..	..	..	..	..	..	..	..
.	52	..	..	..	..	..	..	..	..	..	..	..
ber .	23	..	..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..
er .	..	..	..	..	..	..	..	..	..	..	..	..
.	184	3	2	..	..	..	..	..	..	..	..	..
NAGPUR.												
.	..	..	..	..	..	..	..	..	..	..	..	..
y .	9	..	..	..	..	..	..	..	..	..	..	..
.	6	..	..	..	..	..	..	..	..	..	..	..
.	3	..	..	..	..	..	..	..	..	..	..	..
.	23	..	..	..	..	..	..	..	..	..	..	..
.	122	13	..	..	..	..	..	..	..	..	..	..
.	163	15	2	..	..	..	..	..	..	..	..	..
.	153	2	..	..	..	..	..	..	..	..	..	..
ber .	155	9	..	..	..	..	..	..	..	..	..	..
.	73	1	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..
er .	3	..	..	..	..	..	..	..	..	..	..	..
.	710	40	2	..	..	..	..	..	..	..	..	..

Month Rainfall (inches).	0·01-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-8·00.	8·01-10·00.	10·01-12·00.	12·01-14·00.	14·01-16·00.	∧ 16·00.
BOMBAY.												
January .	..	..	..	..	..	..	..	..	..	..	..	..
February .	..	..	..	..	..	..	..	..	..	..	..	..
March .	..	..	..	..	..	..	..	..	..	..	..	..
April . .	..	..	..	..	..	..	..	..	..	..	..	..
May . .	42	2	..	..	..	..	..	..	..	..	..	..
June . .	195	7	3	..	..	..	..	..	..	..	..	..
July . .	348	13	..	3	..	..	..	..	..	..	..	..
August .	286	13	..	..	..	..	..	..	..	..	..	..
September .	291	12	4	4	2	3	2	1	1	..	..	..
October .	33	..	..	..	..	..	..	..	..	..	..	..
November .	..	..	..	..	..	..	..	..	..	..	..	..
December .	..	..	..	..	..	..	..	..	..	..	..	..
Year . .	1195	47	7	7	2	3	2	1	1	..	..	..
POONA.												
January .	..	..	..	..	..	..	..	..	..	..	..	..
February .	..	..	..	..	..	..	..	..	..	..	..	..
March .	3	..	..	..	..	..	..	..	..	..	..	..
April . .	..	..	..	..	..	..	..	..	..	..	..	..
May . .	64	..	..	..	..	..	..	..	..	..	..	..
June . .	47	..	..	..	..	..	..	..	..	..	..	..
July . .	153	..	..	..	..	..	..	..	..	..	..	..
August .	186	3	..	..	..	..	..	..	..	..	..	..
September .	135	2	..	..	..	..	..	..	..	..	..	..
October .	62	..	..	..	..	..	..	..	..	..	..	..
November .	..	..	..	..	..	..	..	..	..	..	..	..
December .	..	..	..	..	..	..	..	..	..	..	..	..
Year . .	650	5	..	..	..	..	..	..	..	..	..	..
HYDERABAD (BEGUMPET).												
January .	..	..	..	..	..	..	..	..	..	..	..	..
February .	..	..	..	..	..	..	..	..	..	..	..	..
March .	..	..	..	..	..	..	..	..	..	..	..	..
April . .	21	..	..	..	..	..	..	..	..	..	..	..
May . .	15	..	..	..	..	..	..	..	..	..	..	..
June . .	82	5	..	..	..	..	..	..	..	..	..	..
July . .	135	..	..	..	..	..	..	..	..	..	..	..
August .	103	2	..	..	..	..	..	..	..	..	..	..
September .	162	..	..	..	..	..	..	..	..	..	..	..
October .	36	..	..	..	..	..	..	..	..	..	..	..
November .	3	..	..	..	..	..	..	..	..	..	..	..
December .	..	..	..	..	..	..	..	..	..	..	..	..
Year . .	557	7	..	..	..	..	..	..	..	..	..	..

Table VIII C.—Frequency of rainfall amounts in three hour periods at 17 stations for the year 1949—

Month Rainfall (inches).	0-01-1·00.	1-01-2·00.	2-01-3·00.	3-01-4·00.	4-01-5·00.	5-01-6·00.	6-01-8·00.	8-01-10·00.	10-01-12·00.	12-01-14·00.	14-01-16·00.	> 16·00.
MADRAS (MEENAMBAKKAM).												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..
April	10	..	..	..	..	..	..	..	..	..	..	..
May	35	7	3	..	..	..	..	..	..	..	..	..
June	55	3	..	..	..	..	..	..	..	..	..	..
July	82	..	..	..	..	..	..	..	..	..	..	..
August	85	..	..	..	..	..	..	..	..	..	..	..
September	62	5	..	..	..	..	..	..	..	..	..	..
October	68	..	..	..	..	..	..	..	..	..	..	..
November	51	4	..	..	..	..	..	..	..	..	..	..
December	3	..	..	..	..	..	..	..	..	..	..	..
Year	451	19	3	..	..	..	..	..	..	..	..	..
CHERRAPUNJI.												
January	9	..	..	..	..	..		..	..	..	..	..
February	45	..	..	..	..	..	..	..	..	..	..	..
March	67	..	..	..	..	..	..	..	..	..	..	..
April	202	34	9	..	..	..	..	..	..	..	..	..
May	216	13	3	7	8	2	..	..	..	..	..	..
June	412	65	30	13	4	2	2	1	..	..	..	..
July	386	59	5	3	1	..	..	..	..	..	..	..
August	464	36	3	3	6	..	..	..	..	..	..	..
September	238	68	9	6	..	..	..	..	..	..	..	..
October	81	1	..	..	..	..	..	..	..	..	..	..
November	6	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	2126	276	59	32	19	4	2	1	..	..	..	..
MAHABALESHWAR.												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	8	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	138	..	..	..	..	..	..	..	..	..	..	..
June	402	2	..	..	..	..	..	..	..	..	..	..
July	656	48	4	..	..	..	..	..	..	..	..	..
August	586	18	..	..	..	..	..	..	..	..	..	..
September	533	17	1	..	..	..	..	..	..	..	..	..
October	59	..	..	..	..	..	..	..	..	..	..	..
November	25	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	2407	85	5	..	..	..	..	..	..	..	..	..

Month Rainfall (inches).	0-01-1·00.	1-01-2·00.	2-01-3·00.	3-01-4·00.	4-01-5·00.	5-01-6·00.	6-01-8·00.	8-01-10·00.	10-01-12·00.	12-01-14·00.	14-01-16·00.
KODAIKANAL.											
January	19	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..
March*	..	..	..	..	..	..	..	..	..	..	..
April	58	..	..	..	..	..	..	..	..	..	..
May	97	3	..	..	..	..	..	..	..	..	..
June	80	..	..	..	..	..	..	..	..	..	..
July	169	3	..	..	..	..	..	..	..	..	..
August	159	..	..	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..
October	197	..	..	..	..	..	..	..	..	..	..
November	102	3	..	..	..	..	..	..	..	..	..
December	10	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..
SEYCHELLES.											
January	63	..	..	..	..	..	..	..	..	..	..
February	122	9	..	..	..	..	..	..	..	..	..
March	60	5	..	..	..	..	..	..	..	..	..
April	52	..	..	..	..	..	..	..	..	..	..
May	118	..	..	..	..	..	..	..	..	..	..
June	207	..	..	..	..	..	..	..	..	..	..
July	108	..	..	..	..	..	..	..	..	..	..
August	140	5	..	..	..	..	..	..	..	..	..
September	92	..	..	..	..	..	..	..	..	..	..
October	115	9	1	..	..	..	..	..	..	..	..
November	96	2	2	..	..	..	..	..	..	..	..
December	184	9	..	..	..	..	..	..	..	..	..
Year	1357	30	3	..	..	..	..	..	..	..	..

* Records not available. † Data incomplete.

Table VIIID.—Frequency of rainfall amounts in four hour periods at 17 stations for the year 1949.

Month Rainfall (Inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-5-00.	5-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	> 16-00.
DUM DUM.												
uary	4	..	..	..	..	..	..	..	..	..	..	..
ruary	12	..	..	..	..	..	..	..	..	..	..	..
rch	9	4	..	..	..	..	..	..	..	..	..	..
ril	50	7	..	..	..	..	..	..	..	..	..	..
y	72	20	3	2	..	..		..	..	..	..	..
e	144	7	6	..	..	..	..	..	..	..	..	..
y	260	11	..	..	..	..	..	..	..	..	..	..
gust	199	4	..	..	..	..	..	..	..	..	..	..
tember	120	15	..	..	..	..	..	..	..	..	..	..
ober	85	6	..	..	..	..	..	..	..	..	..	..
vember	..	..	..	..	..	..	..	..	..	..	..	..
cember	..	..	..	..	..	..	..	..	..	..	..	..
ar	955	74	9	2	..	..	..	..	..	..	..	..
CALCUTTA.												
uary	5	..	..	..	..	..	..	..	..	..	..	..
bruary	5	..	..	..	..	..	..	..	..	..	..	..
rch	12	3	..	..	..	..	..	..	..	..	..	..
ril	80	10	..	..	..	..	..	..	..	..	..	..
y	106	7	2	..	..	..	..	..	..	..	..	..
ne	140	..	..	..	..	..	..	..	..	..	..	..
ly	255	6	3	..	..	..	..	..	..	..	..	..
gust	211	4	..	..	..	..	..	..	..	..	..	..
ptember	152	9	3	..	..	..	..	..	..	..	..	..
tober	84	3	..	..	..	..	..	..	..	..	..	..
vember	..	..	..	..	..	..	..	..	..	..	..	..
cember	..	..	..	..	..	..	..	..	..	..	..	..
ar	1050	42	8	..	..	..	..	..	..	..	..	..
SAUGOR ISLAND.												
nuary	9	..	..	..	..	..	..	..	..	..	..	..
bruary	4	..	..	..	..	..	..	..	..	..	..	..
arch	9	..	..	..	..	..	..	..	..	..	..	..
pril	20	10	3	..	..	..	..	..	..	..	..	..
ay	89	3	..	..	..	..	..	..	..	..	..	..
ne	97	2	3	..	..	..	..	..	..	..	..	..
ly*	118	4	..	..	..	..	..	..	..	..	..	..
ugust†	..	..	..	..	..	..	..	..	..	..	..	..
ptember†	..	..	..	..	..	..	..	..	..	..	..	..
ctober‡	77	4	..	..	..	..	..	..	..	..	..	..
ovember	..	..	..	..	..	..	..	..	..	..	..	..
ecember	..	..	..	..	..	..	..	..	..	..	..	..
ear	..	..	..	..	..	..	..	..	..	..	..	..

Month Rainfall (Inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-5-00.	5-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	> 16-00.
JAMSHEDPUR.												
January	12	..	..	..	..	..	..	..	..	..	..	..
February	4	..	..	..	..	..	..	..	..	..	..	..
March	22	..	..	..	..	..	..	..	..	..	..	..
April	69	3	..	..	..	..	..	..	..	..	..	..
May	43	7	4	..	..	..	..	..	..	..	..	..
June	98	12	3	2	..	4	..	..	..	..	..	..
July	251	8	..	..	..	..	..	..	..	..	..	..
August	167	4	2	2	..	..	..	..	..	..	..	..
September	133	..	..	..	..	..	..	..	..	..	..	..
October	65	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	864	35	9	4	..	4	..	..	..	..	..	..
GAYA.												
January	19	..	..	..	..	..	..	..	..	..	..	..
February	44	..	..	..	..	..	..	..	..	..	..	..
March	6	..	..	..	..	..	..	..	..	..	..	..
April	8	..	..	..	..	..	..	..	..	..	..	..
May	23	..	..	..	..	..	..	..	..	..	..	..
June	60	4	..	..	..	..	..	..	..	..	..	..
July	187	8	1	3	..	..	..	..	..	..	..	..
August	199	4	2	2	..	..	..	..	..	..	..	..
September	91	..	..	..	..	..	..	..	..	..	..	..
October	17	3	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	655	19	3	5	..	..	..	..	..	..	..	..
ALLAHABAD (BAMRAULI).												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	42	..	..	..	..	..	..	..	..	..	..	..
March	4	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	13	..	..	..	..	..	..	..	..	..	..	..
June	22	..	..	..	..	..	..	..	..	..	..	..
July§	..	..	..	..	..	..	..	..	..	..	..	..
August	186	15	..	..	..	..	..	..	..	..	..	..
September	115	4	..	..	..	..	..	..	..	..	..	..
October	60	4	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	605	27	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..

* Records only from 1st to 20th. † Records not available. ‡ Records only from 9th to 31st. § Data not available.

Table VIIID.—Frequency of rainfall amounts in four hour periods at 17 stations for the year 1949—co

Month Rainfall (inches).	0-01-1·00.	1-01-2·00.	2-01-3·00.	3-01-4·00.	4-01-5·00.	5-01-6·00.	6-01-8·00	8-01-10·00.	10-01-12·00.	12-01-14·00.	14-01-16·00.	> 16·00
NEW DELHI.												
January	4	..	..	..	..	..	..	..	..	..	..	..
February	16	..	..	..	..	..	..	..	..	..	..	..
March	13	..	..	..	..	..	..	..	..	..	..	..
April	4	..	..	..	..	..	..	..	..	..	..	..
May	20	..	..	..	..	..	..	..	..	..	..	..
June	..	..	..	..	..	..	..	..	..	..	..	..
July *	..	..	..	..	..	..	..	..	..	..	..	..
August	73	..	..	..	..	..	..	..	..	..	..	..
September	89	..	..	..	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..
JODHPUR.												
January	12	..	..	..	..	..	..	..	..	..	..	..
February	4	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	8	..	..	..	..	..	..	..	..	..	..	..
June	22	..	..	..	..	..	..	..	..	..	..	..
July	90	4	3	..	..	..	..	..	..	..	..	..
August	67	..	..	..	..	..	..	..	..	..	..	..
September	28	..	..	..	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	231	4	3	..	..	..	..	..	..	..	..	..
NAGPUR.												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	12	..	..	..	..	..	..	..	..	..	..	..
March	8	..	..	..	..	..	..	..	..	..	..	..
April	4	..	..	..	..	..	..	..	..	..	..	..
May	28	..	..	..	..	..	..	..	..	..	..	..
June	129	21	..	..	..	..	..	..	..	..	..	..
July	189	20	3	..	..	..	..	..	..	..	..	..
August	182	3	..	..	..	..	..	..	..	..	..	..
September	181	12	..	..	..	..	..	..	..	..	..	..
October	81	2	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	4	..	..	..	..	..	..	..	..	..	..	..
Year	818	58	3	..	..	..	..	..	..	..	..	..

Month Rainfall (inches).	0-01-1·00.	1-01-2·00.	2-01-3·00.	3-01-4·00.	4-01-5·00.	5-01-6·00.	6-01-8·00.	8-01-10·00.	10-01-12·00.	12-01-14·00.	14-01-16·00.
BOMBAY.											
January	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..
May	50	3	..	..	..	..	..	..	..	..	..
June	231	10	4	..	..	..	..	..	..	..	..
July	394	24	..	2	2	..	..	..	..	..	..
August	325	16	2	..	..	..	..	..	..	..	..
September	329	15	4	5	1	1	6	..	3	..	..
October	41	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	1370	68	10	7	3	1	6	..	3	..	..
POONA.											
January	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..
March	4	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..
May	80	..	..	..	..	..	..	..	..	..	..
June	58	..	..	..	..	..	..	..	..	..	..
July	187	..	..	..	..	..	..	..	..	..	..
August	222	4	..	..	..	..	..	..	..	..	..
September	153	6	..	..	..	..	..	..	..	..	..
October	71	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	775	10	..	..	..	..	..	..	..	..	..
HYDERABAD (BEGUMPET).											
January	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..
April	26	..	..	..	..	..	..	..	..	..	..
May	20	..	..	..	..	..	..	..	..	..	..
June	102	7	..	..	..	..	..	..	..	..	..
July	155	..	..	..	..	..	..	..	..	..	..
August	119	3	..	..	..	..	..	..	..	..	..
September	196	..	..	..	..	..	..	..	..	..	..
October	44	..	..	..	..	..	..	..	..	..	..
November	4	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	666	10	..	..	..	..	..	..	..	..	..

* Data not available.

ble VIII D.—Frequency of rainfall amounts in four hour periods at 17 stations for the year 1949—*contd.*

MADRAS (MEENAMBAKKAM).

Month Rainfall (inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-5-00.	5-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	> 16-00.
uary	..	..	..	..	..	..	..	..	..	..	..	..
ruary	..	..	..	..	..	..	..	..	..	..	..	..
rch	..	..	..	..	..	..	..	..	..	..	..	..
ril	13	..	..	..	..	..	..	..	..	..	..	..
y	36	10	3	1	..	..	..	..	..	..	..	..
ne	79	4	..	..	..	..	..	..	..	..	..	..
y	97	..	..	..	..	..	..	..	..	..	..	..
gust	109	..	..	..	..	..	..	..	..	..	..	..
tember	73	7	..	..	..	..	..	..	..	..	..	..
ober	82	..	..	..	..	..	..	..	..	..	..	..
vember	63	6	..	..	..	..	..	..	..	..	..	..
cember	4	..	..	..	..	..	..	..	..	..	..	..
ar	556	27	3	1	..	..	..	..	..	..	..	..

CHERRAPUNJI.

Month Rainfall (inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-5-00.	5-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	> 16-00.
uary	10	..	..	..	..	..	..	..	..	..	..	..
ruary	54	..	..	..	..	..	..	..	..	..	..	..
rch	88	..	..	..	..	..	..	..	..	..	..	..
ril	208	45	11	5	..	..	..	..	..	..	..	..
y	265	20	3	6	4	5	6	..	..	..	..	..
ne	407	92	39	18	9	4	3	2	2	..	..	..
y	358	107	13	5	1	2	..	..	..	..	..	..
gust	446	47	13	3	4	2	3	..	..	..	..	..
tember	244	72	27	8	4	..	..	..	..	..	..	..
ober	94	3	..	..	..	..	..	..	..	..	..	..
vember	8	..	..	..	..	..	..	..	..		..	..
cember	..	..	..	..	..	..	..	..	..	..	..	..
ar	2182	386	106	45	22	13	12	2	2	..	..	..

MAHABALESHWAR.

Month Rainfall (inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-5-00.	5-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	> 16-00.
uary	..	..	..	..	..	..	..	..	..	..	..	..
ruary	..	..	..	..	..	..	..	..	..	..	..	..
rch	10	..	..	..	..	..	..	..	..	..	..	..
ril	..	..	..	..	..	..	..	..	..	..	..	..
y	160	..	..	..	..	..	..	..	..	..	..	..
ne	444	4	..	..	..	..	..	..	..	..	..	..
y	636	71	14	1	..	..	..	..	..	..	..	..
gust	602	25	5	..	..	..	..	..	..	..	..	..
tember	546	34	3	..	..	..	..	..	..	..	..	..
ober	72	..	..	..	..	..	..	..	..	..	..	..
vember	30	..	..	..	..	..	..	..	..	..	..	..
cember	..	..	..	..	..	..	..	..	..	..	..	..
ar	2500	134	22	1	..	..	..	..	..	.	..	..

KODAIKANAL.

Month Rainfall (inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-5-00.	5-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	> 16-00.
January	22	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March*	..	..	..	..	..	..	..	..	..	..	..	..
April	74	..	..	..	..	..	..	..	..	..	..	..
May	115	5	..	..	..	..	..	..	..	..	..	..
June	99	..	..	..	..	..	..	..	..	..	..	..
July	202	5	..	..	..	..	..	..	..	..	..	..
August	185	1	..	..	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..
October	228	..	..	..	..	..	..	..	..	..	..	..
November	116	4	..	..	..	..	..	..	..	..	..	..
December	13	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..

SEYCHELLES.

Month Rainfall (inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-5-00.	5-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	> 16-00.
January	79	..	..	..	..	..	..	..	..	..	..	..
February	148	12	..	..	..	..	..	..	..	..	..	..
March	74	7	..	..	..	..	..	..	..	..	..	..
April	63	..	..	..	..	..	..	..	..	..	..	..
May	143	..	..	..	..	..	..	..	..	..	..	..
June	244	..	..	..	..	..	..	..	..	..	..	..
July	145	..	..	..	..	..	..	..	..	..	..	..
August	165	8	..	..	..	..	..	..	..	..	..	..
September	110	..	..	..	..	..	..	..	..	..	..	..
October	134	13	2	..	..	..	..	..	..	..	.	..
November	114	2	2	1	..	..	..	..	..	..	..	..
December	211	14	..	..	..	..	..	..	..	..	.	..
Year	1630	56	4	1	..	..	..	..	..	..	..	..

* Records not available. † Records incomplete.

Table VIII E.—Frequency of rainfall amounts in five hour periods at 17 stations for the year 1949.

Month Rainfall (inches).	0·01-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-6·00.	6·01-8·00.	8·01-10·00.	10·01-12·00.	12·01-14·00.	14·01-16·00.	16·01-18·00.	18·01-20·00.	>20·00.
DUM DUM.													
January	5	..	..	..	..	..	..	..	..	..	..	..	..
February	14	..	..	..	..	..	..	..	..	..	..	..	..
March	9	6	..	..	..	..	..	..	..	..	..	..	..
April	59	9	..	..	..	..	..	..	..	..	..	..	..
May	84	22	2	4	..	..	..	..	..	..	..	..	..
June	167	8	8	..	..	..	..	..	..	..	..	..	..
July	293	16	..	..	..	..	..	..	..	..	..	..	..
August	227	5	..	..	..	..	..	..	..	..	..	..	..
September	134	20	..	..	..	..	..	..	..	..	..	..	..
October	97	8	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	1089	94	10	4	..	..	..	..	..	..	..	..	..
CALCUTTA.													
January	6	..	..	..	..	..	..	..	..	..	..	..	..
February	6	..	..	..	..	..	..	..	..	..	..	..	..
March	18	4	..	..	..	..	..	..	..	..	..	..	..
April	89	13	..	..	..	..	..	..	..	..	..	..	..
May	119	4	5	..	..	..	..	..	..	..	..	..	..
June	163	..	..	..	..	..	..	..	..	..	..	..	..
July	278	11	4	..	..	..	..	..	..	..	..	..	..
August	242	5	..	..	..	..	..	..	..	..	..	..	..
September	181	10	5	..	..	..	..	..	..	..	..	..	..
October	96	4	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	1193	51	14	..	..	..	..	..	..	..	..	..	..
SAUGOR ISLAND.													
January	11	..	..	..	..	..	..	..	..	..	..	..	..
February	5	..	..	..	..	..	..	..	..	..	..	..	..
March	11	..	..	..	..	..	..	..	..	..	..	..	..
April	19	15	4	..	..	..	..	..	..	..	..	..	..
May	103	4	..	..	..	..	..	..	..	..	..	..	..
June	110	2	4	..	..	..	..	..	..	..	..	..	..
July*	133	5	..	..	..	..	..	..	..	..	..	..	..
August†	..	..	..	..	..	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..	..
October‡	89	5	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..

* Records from 1st to 20th only. † Records not available. ‡ Records for 9th to 31st.

Month Rainfall (inches).	0·01-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-6·00.	6·01-8·00.	8·01-10·00.	10·01-12·00.	12·01-14·00.	14·01-16·00.	16·01-18·00.	18·01-20·00.
JAMSHEDPUR.												
January	13	..	..	..	..	..	..	..	..	..	..	..
February	5	..	..	..	..	..	..	..	..	..	..	..
March	27	..	..	..	..	..	..	..	..	..	..	..
April	79	4	..	..	..	..	..	..	..	..	..	..
May	50	9	5	..	..	..	..	..	..	..	..	..
June	105	17	8	4	4	..	..	..	..	..	..	..
July	279	10	..	..	..	..	..	..	..	..	..	..
August	189	5	2	8	..	..	..	..	..	..	..	..
September	156	..	..	..	..	..	..	..	..	..	..	..
October	75	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	978	45	10	7	4	..	..	..	..	..	..	..
GAYA.												
January	21	..	..	..	..	..	..	..	..	..	..	..
February	48	..	..	..	..	..	..	..	..	..	..	..
March	7	..	..	..	..	..	..	..	..	..	..	..
April	10	..	..	..	..	..	..	..	..	..	..	..
May	28	..	..	..	..	..	..	..	..	..	..	..
June	70	5	..	..	..	..	..	..	..	..	..	..
July	203	10	1	4	..	..	..	..	..	..	..	..
August	218	7	1	3	..	..	..	..	..	..	..	..
September	107	..	..	..	..	..	..	..	..	..	..	..
October	19	3	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	731	25	2	7	..	..	..	..	..	..	..	..
ALLAHABAD (BAMBAULI).												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	47	..	..	..	..	..	..	..	..	..	..	..
March	5	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	16	..	..	..	..	..	..	..	..	..	..	..
June	26	..	..	..	..	..	..	..	..	..	..	..
July*	..	..	..	..	..	..	..	..	..	..	..	..
August	197	17	..	..	..	..	..	..	..	..	..	..
September	137	5	..	..	..	..	..	..	..	..	..	..
October	57	6	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..

* Data not available.

able VIII E.—Frequency of rainfall amounts in five hour periods at 17 stations for the year 1949—*contd.*

Month Rainfall (inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	16-01-18-00.	18-01-20-00.	>20-00.
NEW DELHI.													
ary	5	..	..	..	..	..	..	..	..	..	..	..	..
ary	19	..	..	..	..	..	..	..	..	..	..	..	..
h	16	..	..	..	..	..	..	..	..	..	..	..	..
	5	..	..	..	..	..	..	..	..	..	..	..	..
	24	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..
	161	5	4	1	..	..	..	..	..	..	..	..	..
st	90	..	..	..	..	..	..	..	..	..	..	..	..
mber	109	..	..	..	..	..	..	..	..	..	..	..	..
er	..	..	..	..	..	..	..	..	..	..	..	..	..
mber	..	..	..	..	..	..	..	..	..	..	..	..	..
nber	..	..	..	..	..	..	..	..	..	..	..	..	..
	429	5	4	1	..	..	..	..	..	..	..	..	..
JODHPUR.													
ary	14	..	..	..	..	..	..	..	..	..	..	..	..
ary	5	..	..	..	..	..	..	..	..	..	..	..	..
h	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..
	9	..	..	..	..	..	..	..	..	..	..	..	..
	26	..	..	..	..	..	..	..	..	..	..	..	..
	106	5	4	..	..	..	..	..	..	..	..	..	..
st	80	..	..	..	..	..	..	..	..	..	..	..	..
mber	33	..	..	..	..	..	..	..	..	..	..	..	..
er	..	..	..	..	..	..	..	..	..	..	..	..	..
mber	..	..	..	..	..	..	..	..	..	..	..	..	..
mber	..	..	..	..	..	..	..	..	..	..	..	..	..
	273	5	4	..	..	..	..	..	..	..	..	..	..
NAGPUR.													
ary	..	..	..	..	..	..	..	..	..	..	..	..	..
uary	15	..	..	..	..	..	..	..	..	..	..	..	..
h	10	..	..	..	..	..	..	..	..	..	..	..	..
	5	..	..	..	..	..	..	..	..	..	..	..	..
	33	..	..	..	..	..	..	..	..	..	..	..	..
	141	28	..	..	..	..	..	..	..	..	..	..	..
	205	23	6	..	..	..	..	..	..	..	..	..	..
ust	206	4	..	..	..	..	..	..	..	..	..	..	..
ember	195	15	..	..	..	..	..	..	..	..	..	..	..
ber	89	5	..	..	..	..	..	..	..	..	..	..	..
mber	..	..	..	..	..	..	..	..	..	..	..	..	..
mber	5	..	..	..	..	..	..	..	..	..	..	..	..
	904	75	6	..	..	..	..	..	..	..	..	..	..

Month Rainfall (inches)	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	16-01-18-00.	18-01-20-00.	>20-00.
BOMBAY.													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	57	4	..	..	..	..	..	..	..	..	..	..	..
June	256	15	5	..	..	..	..	..	..	..	..	..	..
July	430	32	1	2	3	..	..	..	..	..	..	..	..
August	355	19	5	..	..	..	..	..	..	..	..	..	..
September	363	16	2	6	3	5	3	4	..	..	..	..	..
October	49	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	1510	86	13	8	6	5	3	4	..	..	..	..	..
POONA.													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	5	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	95	..	..	..	..	..	..	..	..	..	..	..	..
June	69	..	..	..	..	..	..	..	..	..	..	..	..
July	215	..	..	..	..	..	..	..	..	..	..	..	..
August	251	5	..	..	..	..	..	..	..	..	..	..	..
September	171	9	..	..	..	..	..	..	..	..	..	..	..
October	80	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	886	14	..	..	..	..	..	..	..	..	..	..	..
HYDERABAD (BEGUMPET).													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	31	..	..	..	..	..	..	..	..	..	..	..	..
May	25	..	..	..	..	..	..	..	..	..	..	..	..
June	120	9	..	..	..	..	..	..	..	..	..	..	..
July	172	..	..	..	..	..	..	..	..	..	..	..	..
August	141	5	..	..	..	..	..	..	..	..	..	..	..
September	217	..	..	..	..	..	..	..	..	..	..	..	..
October	52	..	..	..	..	..	..	..	..	..	..	..	..
November	5	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	763	14	..	..	..	..	..	..	..	..	..	..	..

Table VIII E.—Frequency of rainfall amounts in five hour periods at 17 stations for the year 1949—*co*

MADRAS (MEENAMBAKKAM).

Month Rainfall (Inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	16-01-18-00.	18-01-20-00.	>20·0.
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	16	..	..	..	..	..	..	..	..	..	..	..	..
May	37	10	3	2	..	..	..	..	..	..	..	..	..
June	92	5	..	..	..	..	..	..	..	..	..	..	..
July	114	..	..	..	..	..	..	..	..	..	..	..	..
August	129	..	..	..	..	..	..	..	..	..	..	..	..
September	83	10	..	..	..	..	..	..	..	..	..	..	..
October	96	..	..	..	..	..	..	..	..	..	..	..	..
November	62	8	..	..	..	..	..	..	..	..	..	..	..
December	5	..	..	..	..	..	..	..	..	..	..	..	..
Year	634	33	3	2	..	..	..	..	..	..	..	..	..

CHERRAPUNJI.

Month Rainfall (Inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	16-01-18-00.	18-01-20-00.	>20·0.
January	11	..	..	..	..	..	..	..	..	..	..	..	..
February	63	..	..	..	..	..	..	..	..	..	..	..	..
March	94	..	..	..	..	..	..	..	..	..	..	..	..
April	220	55	18	6	3	..	..	..	..	..	..	..	..
May	267	33	4	6	8	6	4	..	..	..	..	..	..
June	397	108	34	25	25	4	1	6	..	..	..	..	..
July	321	151	25	7	7	1	..	..	..	..	..	..	..
August	466	64	24	2	7	5	..	..	..	..	..	..	..
September	251	67	41	16	9	..	..	..	..	..	..	..	..
October	108	5	..	..	..	..	..	..	..	..	..	..	..
November	9	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	2207	483	146	62	59	16	5	6	..	..	..	..	..

MAHABALESEWAR.

Month Rainfall (Inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	16-01-18-00.	18-01-20-00.	>20·0.
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	12	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	177	..	..	..	..	..	..	..	..	..	..	..	..
June	479	7	..	..	..	..	..	..	..	..	..	..	..
July	615	87	26	3	..	..	..	..	..	..	..	..	..
August	594	47	7	..	..	..	..	..	..	..	..	..	..
September	545	56	5	1	..	..	..	..	..	..	..	..	..
October	84	..	..	..	..	..	..	..	..	..	..	..	..
November	35	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	2541	197	38	4	..	..	..	..	..	..	..	..	..

KODAIKANAL.

Month Rainfall (Inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	16-01-18-00.	18-01-20-00.
January	25	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March*	..	..	..	..	..	..	..	..	..	..	..	..
April	90	..	..	..	..	..	..	..	..	..	..	..
May	131	8	..	..	..	..	..	..	..	..	..	..
June	117	..	..	..	..	..	..	..	..	..	..	..
July	230	8	..	..	..	..	..	..	..	..	..	..
August	209	2	..	..	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..
October	259	..	..	..	..	..	..	..	..	..	..	..
November	131	5	..	..	..	..	..	..	..	..	..	..
December	15	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..

SEYCHELLES.

Month Rainfall (Inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	16-01-18-00.	18-01-20-00.
January	95	..	..	..	..	..	..	..	..	..	..	..
February	159	22	..	..	..	..	..	..	..	..	..	..
March	87	9	..	..	..	..	..	..	..	..	..	..
April	73	..	..	..	..	..	..	..	..	..	..	..
May	168	..	..	..	..	..	..	..	..	..	..	..
June	275	..	..	..	..	..	..	..	..	..	..	..
July	168	..	..	..	..	..	..	..	..	..	..	..
August	189	8	1	..	..	..	..	..	..	..	..	..
September	128	..	..	..	..	..	..	..	..	..	..	..
October	152	14	4	..	..	..	..	..	..	..	..	..
November	130	2	2	2	..	..	..	..	..	..	..	..
December	254	17	1	..	..	..	..	..	..	..	..	..
Year	1878	72	8	2	..	..	..	..	..	..	..	..

* Records not available. † Records incomplete.

Table VIII F.—Frequency of rainfall amounts in six hour periods at 17 stations for the year 1949.

	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	16-01-18-00.	18-01-20-00.	>20-00.
DUM DUM.													
.	6	..	..	..	..	..	..	..	..	..	..	..	..
y .	16	..	..	..	..	..	..	..	..	..	..	..	..
.	9	8	..	..	..	..	..	..	..	..	..	..	..
.	68	11	..	..	..	..	..	..	..	..	..	..	..
.	95	20	6	3	2	..	..	..	..	..	..	..	..
.	186	8	10	1	..	..	..	..	..	..	..	..	..
.	322	20	..	..	..	..	..	..	..	..	..	..	..
.	252	6	..	..	..	..	..	..	..	..	..	..	..
ber .	145	26	..	..	..	..	..	..	..	..	..	..	..
.	109	10	..	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..	..
er .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	1208	109	16	4	2	..	..	..	..	..	..	..	..
CALCUTTA.													
y .	7	..	..	..	..	..	..	..	..	..	..	..	..
ry .	7	..	..	..	..	..	..	..	..	..	..	..	..
.	14	5	..	..	..	..	..	..	..	..	..	..	..
.	108	16	..	..	..	..	..	..	..	..	..	..	..
.	126	8	5	1	..	..	..	..	..	..	..	..	..
.	185	..	..	..	..	..	..	..	..	..	..	..	..
.	299	15	5	..	..	..	..	..	..	..	..	..	..
.	273	6	..	..	..	..	..	..	..	..	..	..	..
ber .	197	11	7	..	..	..	..	..	..	..	..	..	..
r .	108	5	..	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	1324	66	17	1	..	..	..	..	..	..	..	..	..
SAUGOR ISLAND.													
ry .	13	..	..	..	..	..	..	..	..	..	..	..	..
ary .	6	..	..	..	..	..	..	..	..	..	..	..	..
.	13	..	..	..	..	..	..	..	..	..	..	..	..
.	22	16	5	..	..	..	..	..	..	..	..	..	..
.	114	5	..	..	..	..	..	..	..	..	..	..	..
.	124	2	5	..	..	..	..	..	..	..	..	..	..
.	149	6	..	..	..	..	..	..	..	..	..	..	..
tt .	..	..	..	..	..	..	..	..	..	..	..	..	..
nber† .	..	..	..	..	..	..	..	..	..	..	..	..	..
er‡ .	101	6	..	..	..	..	..	..	..	..	..	..	..
nber .	..	..	..	..	..	..	..	..	..	..	..	..	..
nber .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	..	..	..	..	..	..	..	..

Month Rainfall (inches).	0-01-1-00.	1-01-2-00.	2-01-3-00.	3-01-4-00.	4-01-6-00.	6-01-8-00.	8-01-10-00.	10-01-12-00.	12-01-14-00.	14-01-16-00.	16-01-18-00.	18-01-20-00.	20-00.
JAMSHEDPUR.													
January .	14	..	..	..	..	..	..	..	..	..	..	..	..
February .	6	..	..	..	..	..	..	..	..	..	..	..	..
March .	31	..	..	..	..	..	..	..	..	..	..	..	..
April . .	89	5	..	..	..	..	..	..	..	..	..	..	..
May . .	56	11	6	..	..	..	..	..	..	..	..	..	..
June . .	115	18	8	5	5	..	..	..	..	..	..	..	.
July . .	330	12	..	..	..	..	..	..	..	..	..	..	..
August .	212	6	2	4	..	..	..	..	..	..	..	..	.
September .	174	1	..	..	..	..	..	..	..	..	..	..	..
October .	84	..	..	..	..	..	..	..	..	..	..	..	..
November .	..	..	..	..	..	..	..	..	..	..	..	..	..
December .	..	..	..	..	..	..	..	..	..	..	..	..	..
Year . .	1111	52	11	9	5	..	..	..	..	..	..	..	..
GAYA.													
January .	28	..	..	..	..	..	..	..	..	..	..	..	..
February .	50	..	..	..	..	..	..	..	..	..	..	..	..
March .	8	..	..	..	..	..	..	..	..	..	..	..	..
April . .	12	..	..	..	..	..	..	..	..	..	..	..	..
May . .	33	..	..	..	..	..	..	..	..	..	..	..	..
June . .	79	6	..	..	..	..	..	..	..	..	..	..	..
July . .	232	5	2	4	1	..	..	..	..	..	..	..	..
August .	243	7	2	4	..	..	..	..	..	..	..	..	..
September .	121	..	..	..	..	..	..	..	..	..	..	..	..
October .	18	5	..	..	..	..	..	..	..	..	..	..	..
November .	..	..	..	..	..	..	..	..	..	..	..	..	..
December .	..	..	..	..	..	..	..	..	..	..	..	..	..
Year . .	19	23	4	8	1	..	..	..	..	..	..	..	..
ALLAHABAD (BAMRAULI).													
January .	..	..	..	..	..	..	..	..	..	..	..	..	..
February .	52	..	..	..	..	..	..	..	..	..	..	..	..
March .	6	..	..	..	..	..	..	..	..	..	..	..	..
April . .	..	..	..	..	..	..	..	..	..	..	..	..	..
May . .	19	..	..	..	..	..	..	..	..	..	..	..	..
June . .	30	..	..	..	..	..	..	..	..	..	..	..	..
July * .	..	..	..	..	..	..	..	..	..	..	..	..	..
August .	209	27	..	..	..	..	..	..	..	..	..	..	..
September .	151	6	..	..	..	..	..	..	..	..	..	..	..
October .	61	9	..	..	..	..	..	..	..	..	..	..	..
November .	..	..	..	..	..	..	..	..	..	..	..	..	..
December .	..	..	..	..	..	..	..	..	..	.	..	..	..
Year . .	..	..	..	..	..	..	..	..	..	.	.	..	..

* Records from 1st to 20th only. † Records not available. ‡ Records from 9th to 31st. * Data not available.

Table VIII F.—Frequency of rainfall amounts in six hour periods at 17 stations for the year 1949—(

Month Rainfall (inches).	0·01-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-6·00.	6·01-8·00.	8·01-10·00.	10·01-12·00.	12·01-14·00.	14·01-16·00.	16·01-18·00.	18·01-20·00.	>20·00.
NEW DELHI.													
January	6	..	..	..	..	..	..	..	..	..	..	..	..
February	22	..	..	..	..	..	..	..	..	..	..	..	..
March	19	..	..	..	..	..	..	..	..	..	..	..	..
April	6	..	..	..	..	..	..	..	..	..	..	..	..
May	28	..	..	..	..	..	..	..	..	..	..	..	..
June	..	..	..	..	..	..	..	..	..	..	..	..	..
July	179	6	4	2	..	..	..	..	..	..	..	..	..
August	102	..	..	..	..	..	..	..	..	..	..	..	..
September	122	..	..	..	..	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	484	6	4	2	..	..	..	..	..	..	..	..	..
JODHPUR.													
January	16	..	..	..	..	..	..	..	..	..	..	..	..
February	6	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	10	..	..	..	..	..	..	..	..	..	..	..	..
June	30	..	..	..	..	..	..	..	..	..	..	..	..
July	122	6	5	..	..	..	..	..	..	..	..	..	..
August	92	..	..	..	..	..	..	..	..	..	..	..	..
September	37	..	..	..	..	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	313	6	5	..	..	..	..	..	..	..	..	..	..
NAGPUR.													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	18	..	..	..	..	..	..	..	..	..	..	..	..
March	12	..	..	..	..	..	..	..	..	..	..	..	..
April	6	..	..	..	..	..	..	..	..	..	..	..	..
May	38	..	..	..	..	..	..	..	..	..	..	..	..
June	156	32	..	..	..	..	..	..	..	..	..	..	..
July	203	33	6	..	..	..	..	..	..	..	..	..	..
August	219	5	..	..	..	..	..	..	..	..	..	..	..
September	220	18	..	..	..	..	..	..	..	..	..	..	..
October	100	5	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	6	..	..	..	..	..	..	..	..	..	..	..	..
Year	978	93	6	..	..	..	..	..	..	..	..	..	..

Month Rainfall (inches).	0·01-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-6·00.	6·01-8·00.	8·01-10·00.	10·01-12·00.	12·01-14·00.	14·01-16·00.	16·01-18·00.
BOMBAY.											
January	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..
May	64	5	..	..	..	..	..	..	..	..	..
June	281	20	6	..	..	..	..	..	..	..	..
July	459	36	4	2	4	..	..	..	..	..	..
August	379	22	6	1	..	..	..	..	..	..	..
September	394	18	3	2	5	4	4	4	3	..	..
October	56	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	1633	101	19	5	9	4	4	4	3	..	..
POONA.											
January	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..
March	6	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..
May	109	..	..	..	..	..	..	..	..	..	..
June	80	..	..	..	..	..	..	..	..	..	..
July	236	..	..	..	..	..	..	..	..	..	..
August	277	6	..	..	..	..	..	..	..	..	..
September	190	11	..	..	..	..	..	..	..	..	..
October	89	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	987	17	..	..	..	..	..	..	..	..	..
HYDERABAD (BEGUMPET).											
January	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..
April	36	..	..	..	..	..	..	..	..	..	..
May	30	..	..	..	..	..	..	..	..	..	..
June	130	11	..	..	..	..	..	..	..	..	..
July	194	..	..	..	..	..	..	..	..	..	..
August	155	6	..	..	..	..	..	..	..	..	..
September	241	..	..	..	..	..	..	..	..	..	..
October	60	..	..	..	..	..	..	..	..	..	..
November	6	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..
Year	852	17	..	..	..	..	..	..	..	..	..

Table VIII F. –Frequency of rainfall amounts in six hour periods at 17 stations for the year 1949—*contd.*

MADRAS (MEENAMBAKKAM).

Month Rainfall (inches).	0·01-1·00.	1·01-2·00.	2·01-3·00.	3.01-4·00.	4·01-6·00.	6·01-8·00.	8·01-10·00.	10·01-12·00.	12·01-14·00,	14·01-16·00,	16·01-18·00.	18·01-20·00.	A 20·00.
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	19	..	..	..	..	..	..	..	..	..	..	..	..
May	87	9	9	1	..	..	..	..	..	..	..	..	..
June	107	6	..	..	..	..	..	..	..	..	..	..	..
July	131	..	..	..	..	..	..	..	..	..	..	..	..
August	147	..	..	..	..	..	..	..	..	..	..	..	..
September	91	13	..	..	..	..	..	..	..	..	..	..	..
October	108	..	..	..	..	..	..	..	..	..	..	..	..
November	66	10	..	..	..	..	..	..	..	..	..	..	..
December	6	..	..	..	..	..	..	..	..	..	..	..	..
Year	712	88	9	1	..	..	..	..	..	..	..	..	..

CHERRAPUNJI.

Month Rainfall (inches).	0·01-1·00.	1·01-2·00.	2·01-3·00.	3.01-4·00.	4·01-6·00.	6·01-8·00.	8·01-10·00.	10·01-12·00.	12·01-14·00,	14·01-16·00,	16·01-18·00.	18·01-20·00.	A 20·00.
January	12	..	..	..	..	..	..	..	..	..	..	..	..
February	71	..	..	..	..	..	..	..	..	..	..	..	..
March	103	..	..	..	..	..	..	..	..	..	..	..	..
April	235	64	18	5	4	..	..	..	..	..	..	..	..
May	301	41	7	6	7	4	7	1	..	..	..	..	..
June	380	126	34	22	33	9	3	3	3	..	..	..	..
July	336	168	44	13	8	2	..	..	..	..	..	..	..
August	448	84	25	4	7	8	4	..	..	..	..	..	..
September	261	57	44	26	11	3	..	..	..	..	..	..	..
October	119	7	..	..	..	..	..	..	..	..	..	..	..
November	9	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	2275	547	172	76	70	21	14	4	3	..	..	..	..

MAHABALESHWAR.

Month Rainfall (inches).	0·01-1·00.	1·01-2·00.	2·01-3·00.	3.01-4·00.	4·01-6·00.	6·01-8·00.	8·01-10·00.	10·01-12·00.	12·01-14·00,	14·01-16·00,	16·01-18·00.	18·01-20·00.	A 20·00.
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	14	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	194	..	..	..	..	..	..	..	..	..	..	..	..
June	505	9	..	..	..	..	..	..	..	..	..	..	..
July	591	107	30	9	..	..	..	..	..	..	..	..	..
August	592	57	9	2	..	..	..	..	..	..	..	..	..
September	546	73	9	2	..	..	..	..	..	..	..	..	..
October	96	..	..	..	..	..	..	..	..	..	..	..	..
November	40	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	2578	246	48	13	..	..	..	..	..	..	..	..	..

KODAIKANAL.

Month Rainfall (inches).	0·01-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-6·00.	6·01-8·00.	8·01-10·00.	10·01-12·00.	12·01-14·00,	14·01-16·00.	16.01-18·00.	18·01-20·00.	A 20·00.
January	28	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March *	..	..	..	..	..	..	..	..	..	..	..	..	..
April	105	..	..	..	..	..	..	..	..	..	..	..	..
May	143	10	..	..	..	..	..	..	..	..	..	..	..
June	135	..	..	..	..	..	..	..	..	..	..	..	..
July	257	10	..	..	..	..	..	..	..	..	..	..	..
August	238	3	..	..	..	..	..	..	..	..	..	..	..
September †	..	..	..	..	..	..	..	..	..	..	..	..	..
October	284	..	..	..	..	..	..	..	..	..	..	..	..
November	142	7	..	..	..	..	..	..	..	..	..	..	..
December	17	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..

SEYCHELLES.

Month Rainfall (inches).	0·01-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-6·00.	6·01-8·00.	8·01-10·00.	10·01-12·00.	12·01-14·00,	14·01-16·00.	16.01-18·00.	18·01-20·00.	A 20·00.
January	109	..	..	..	..	..	..	..	..	..	..	..	..
February	173	26	..	..	..	..	..	..	..	..	..	..	..
March	98	11	..	..	..	..	..	..	..	..	..	..	..
April	82	..	..	..	..	..	..	..	..	..	..	..	..
May	190	..	..	..	..	..	..	..	..	..	..	..	..
June	301	..	..	..	..	..	..	..	..	..	..	..	..
July	193	..	..	..	..	..	..	..	..	..	..	..	..
August	212	7	3	..	..	..	..	..	..	..	..	..	..
September	145	..	..	..	..	..	..	..	..	..	..	..	..
October	165	16	5	..	..	..	..	..	..	..	..	..	..
November	143	2	2	3	..	..	..	..	..	..	..	..	..
December	282	21	2	..	..	..	..	..	..	..	..	..	..
Year	2093	83	12	3	..	..	..	..	..	..	..	..	..

* Records not available.

† Records incomplete.

Table VIII G.—Frequency of rainfall amounts (in inches) in one day at 17 stations for the year 19

Month Rainfall (inches).	0	0·01—0·25.	0·26—0·50.	0·51—1·00.	1·01—2·00.	2·01—3·00.	3·01—4·00.	4·01—5·00.	5·01—6·00.	6·01—7·00.	7·01—8·00.	8·01—9·00.	9·01—10·00.	> 10·00.
DUM DUM.														
January	30	1	..	..	..	..	..	..	..	..	..	..	..	..
February	26	2	..	..	..	..	..	..	..	..	..	..	..	..
March	28	..	1	1	1	..	..	..	..	..	..	..	..	..
April	21	4	1	1	3	..	..	..	..	..	..	..	..	..
May	16	6	2	3	2	..	1	..	1	..	..	..	..	..
June	11	9	5	2	2	..	1	..	..	..	..	..	..	..
July	3	14	5	5	3	1	..	..	..	..	..	..	..	..
August	9	13	4	4	1	..	..	..	..	..	..	..	..	..
September	13	8	2	3	3	..	1	..	..	..	..	..	..	..
October	18	8	1	1	3	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	175	65	21	20	18	1	3	..	1	..	..	..	..	..
CALCUTTA.														
January	30	1	..	..	..	..	..	..	..	..	..	..	..	..
February	27	1	..	..	..	..	..	..	..	..	..	..	..	..
March	28	2	..	..	1	..	..	..	..	..	..	..	..	..
April	16	8	2	1	3	..	..	..	..	..	..	..	..	..
May	16	9	2	2	1	..	..	1	..	..	..	..	..	..
June	12	9	2	7	..	..	..	..	..	..	..	..	..	..
July	8	10	3	6	2	2	..	..	..	..	..	..	..	..
August	7	15	3	4	2	..	..	..	..	..	..	..	..	..
September	11	7	5	5	1	..	..	..	1	..	..	..	..	..
October	18	9	..	3	1	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	234	71	17	28	11	2	..	1	1	..	..	..	..	..
SAUGOR ISLAND.														
January	29	1	1	..	..	..	..	..	..	..	..	..	..	..
February	27	1	..	..	..	..	..	..	..	..	..	..	..	..
March	29	1	..	1	..	..	..	..	..	..	..	..	..	..
April	23	1	1	1	3	1	..	..	..	..	..	..	..	..
May	20	4	2	4	1	..	..	..	..	..	..	..	..	..
June	16	7	3	3	..	..	1	..	..	..	..	..	..	..
July*	5	12	1	1	..	1	..	..	..	..	..	..	..	..
August†	..	..	..	..	..	..	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..	..	..
October‡	12	6	2	2	1	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Month Rainfall (inches).	0	0·01—0·25.	0·26—0·50.	0·51—1·00.	1·01—2·00.	2·01—3·00.	3·01—4·00.	4·01—5·00.	5·01—6·00.	6·01—7·00.	7·01—8·00.	8·01—9·00.	9·01—10·00.
JAMSHEDPUR.													
January	30	..	..	1	..	..	..	..	..	..	..	..	..
February	27	1	..	..	..	..	..	..	..	..	..	..	..
March	27	3	..	1	..	..	..	..	..	..	..	..	..
April	20	4	1	4	1	..	..	..	..	..	..	..	..
May	21	5	1	1	2	1	..	..	..	..	..	..	..
June	16	4	2	3	3	..	..	1	..	1	..	..	..
July	5	10	6	7	3	..	..	..	..	..	..	..	..
August	9	13	4	3	1	..	1	..	..	..	..	..	..
September	14	11	1	3	1	..	..	..	..	..	..	..	..
October	22	5	3	1	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..
Year	252	56	18	24	11	1	1	1	..	1	..	..	..
GAYA.													
January	29	1	..	1	..	..	..	..	..	..	..	..	..
February	24	2	1	..	1	..	..	..	..	..	..	..	..
March	30	1	..	..	..	..	..	..	..	..	..	..	..
April	28	2	..	..	..	..	..	..	..	..	..	..	..
May	26	3	1	1	..	..	..	..	..	..	..	..	..
June	20	6	2	1	1	..	..	..	..	..	..	..	..
July	7	14	4	2	3	..	..	1	..	..	..	..	..
August	11	6	2	9	1	1	1	..	..	..	..	..	..
September	17	7	5	1	..	..	..	..	..	..	..	..	..
October	29	1	..	..	1	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..
Year	282	43	15	15	7	1	1	1	..	..	..	..	..
ALLAHABAD (BUMRAULI).													
January	31	..	..	..	..	..	..	..	..	..	..	..	..
February	23	3	1	1	..	..	..	..	..	..	..	..	..
March	30	1	..	..	..	..	..	..	..	..	..	..	..
April	30	..	..	..	..	..	..	..	..	..	..	..	..
May	27	4	..	..	..	..	..	..	..	..	..	..	..
June	27	2	1	..	..	..	..	..	..	..	..	..	..
July§	..	..	..	..	..	..	..	..	..	..	..	..	..
August	14	4	3	3	7	..	..	..	..	..	..	..	..
September	16	10	1	3	..	..	..	..	..	..	..	..	..
October	27	1	1	..	2	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..

* Records from 1st to 20th only. † Records not available. ‡ Records from 9th to 31st only. § Data not available.

ble VIII G.—Frequency of rainfall amounts (in inches) in one day at 17 stations for the year 1949—*contd.*

Month Rainfall (inches)	0	0·01—0·25.	0·26—0·50.	0·51—1·00.	1·01—2·00.	2·01—3·00.	3·01—4·00.	4·01—5·00.	5·01—6·00.	6·01—7·00.	7·01—8·00.	8·01—9·00.	9·01—10·00.	> 10·00.
NEW DELHI														
uary .	30	1	..	..	..	..	..	..	..	..	..	..	..	..
ruary .	25	2	..	1	..	..	..	..	..	..	..	..	..	..
ch .	28	3	..	..	..	..	..	..	..	..	..	..	..	..
l . .	30	1	..	..	..	..	..	..	..	..	..	..	..	..
. .	27	4	..	..	..	..	..	..	..	..	..	..	..	..
e . .	30	..	..	..	..	..	..	..	..	..	..	..	..	..
* .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ust .	19	8	1	3	..	..	..	..	..	..	..	..	..	..
ember .	19	7	1	3	..	..	..	..	..	..	..	..	..	..
ber .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
ember .	30	..	..	..	..	..	..	..	..	..	..	..	..	..
mber .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
r . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
JODHPUR														
uary .	29	2	..	..	..	..	..	..	..	..	..	..	..	..
ruary .	27	1	..	..	..	..	..	..	..	..	..	..	..	..
ch .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
il . .	30	..	..	..	..	..	..	..	..	..	..	..	..	..
. .	30	1	..	..	..	..	..	..	..	..	..	..	..	..
e . .	27	2	1	..	..	..	..	..	..	..	..	..	..	..
.	17	10	1	1	1	1	..	..	..	..	..	..	..	..
ust .	22	7	2	..	..	..	..	..	..	..	..	..	..	..
cember .	26	3	1	..	..	..	..	..	..	..	..	..	..	..
ber .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
ember .	30	..	..	..	..	..	..	..	..	..	..	..	..	..
ember .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
r . .	331	26	5	1	1	1	..	..	..	..	..	..	..	..
NAGPUR														
uary .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
ruary .	26	2	..	..	..	..	..	..	..	..	..	..	..	..
rch .	29	2	..	..	..	..	..	..	..	..	..	..	..	..
il . .	30	..	..	..	..	..	..	..	..	..	..	..	..	..
y . .	26	2	3	..	..	..	..	..	..	..	..	..	..	..
ne . .	14	5	..	4	6	1	..	..	..	..	..	..	..	..
y . .	9	9	2	4	3	4	..	..	..	..	..	..	..	..
gust .	10	13	1	6	1	..	..	..	..	..	..	..	..	..
tember .	8	11	2	6	3	..	..	..	..	..	..	..	..	..
tober .	20	3	4	2	2	..	..	..	..	..	..	..	..	..
vember .	30	..	..	..	..	..	..	..	..	..	..	..	..	..
cember .	30	1	..	..	..	..	..	..	..	..	..	..	..	..
ar . .	262	48	12	22	15	5	..	..	..	..	..	..	..	..

Month Rainfall (inches)	0	0·01—0·25.	0·26—0·50.	0·51—1·00.	1·01—2·00.	2·01—3·00.	3·01—4·00.	4·01—5·00.	5·01—6·00.	6·01—7·00.	7·01—8·00.	8·01—9·00.	9·01—10·00.	> 10·00.
BOMBAY														
January .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February .	28	..	..	..	..	..	..	..	..	..	..	..	..	..
March .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
April . .	30	..	..	..	..	..	..	..	..	..	..	..	..	..
May . .	24	5	1	..	1	..	..	..	..	..	..	..	..	..
June . .	8	10	1	5	3	2	1	..	..	..	..	..	..	..
July . .	..	20	2	4	1	1	1	..	2	..	..	..	..	..
August .	4	15	4	3	2	2	..	..	1	..	..	..	..	..
September .	2	12	6	5	1	2	..	..	1	..	..	..	..	1†
October .	24	5	1	1	..	..	..	..	..	..	..	..	..	..
November .	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year . .	243	67	15	18	8	7	2	..	4	..	..	..	..	1*
POONA														
January .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February .	28	..	..	..	..	..	..	..	..	..	..	..	..	..
March .	30	1	..	..	..	..	..	..	..	..	..	..	..	..
April . .	30	..	..	..	..	..	..	..	..	..	..	..	..	..
May . .	18	11	..	2	..	..	..	..	..	..	..	..	..	..
June . .	20	9	1	..	..	..	..	..	..	..	..	..	..	..
July . .	13	16	1	1	..	..	..	..	..	..	..	..	..	..
August .	11	15	1	2	2	..	..	..	..	..	..	..	..	..
September .	12	11	5	1	..	..	1	..	..	..	..	..	..	..
October .	19	10	2	..	..	..	..	..	..	..	..	..	..	..
November .	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year . .	273	73	10	6	2	..	1	..	..	..	..	..	..	..
HYDERABAD (BEGUMPET).														
January .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February .	28	..	..	..	..	..	..	..	..	..	..	..	..	..
March .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
April . .	25	5	..	..	..	..	..	..	..	..	..	..	..	..
May . .	26	3	2	..	..	..	..	..	..	..	..	..	..	..
June . .	14	8	1	6	1	..	..	..	..	..	..	..	..	..
July . .	14	12	3	2	..	..	..	..	..	..	..	..	..	..
August .	17	8	4	..	1	1	..	..	..	..	..	..	..	..
September .	9	11	8	1	1	..	..	..	..	..	..	..	..	..
October .	22	9	..	..	..	..	..	..	..	..	..	..	..	..
November .	29	1	..	..	..	..	..	..	..	..	..	..	..	..
December .	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year . .	277	57	18	9	3	1	..	..	..	..	..	..	..	..

* Data not available.

† 26·93

Table VIII G.—Frequency of rainfall amounts (in inches) in one day at 17 stations for the year 1949—*con*

Month Rainfall (inches).	0	0·01-0·25	0·26-0·50	0·51-1·00	1·01-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	6·01-7·00	7·01-8·00	8·01-9·00	9·01-10·00	> 10·00
MADRAS (MEENAMBAKKAM)														
January	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February	28	..	..	..	..	..	..	..	..	..	..	..	..	..
March	31	..	..	..	..	..	..	..	..	..	..	..	..	..
April	27	2	..	1	..	..	..	..	..	..	..	..	..	..
May	26	1	2	..	..	..	1	1	..	..	..	..	..	..
June	17	9	1	2	1	..	..	..	..	..	..	..	..	..
July	16	9	6	..	..	..	..	..	..	..	..	..	..	..
August	15	7	4	5	..	..	..	..	..	..	..	..	..	..
September	18	5	..	4	3	..	..	..	..	..	..	..	..	..
October	18	9	3	1	..	..	..	..	..	..	..	..	..	..
November	25	2	1	1	..	..	1	..	..	..	..	..	..	..
December	30	1	..	..	..	..	..	..	..	..	..	..	..	..
Year	282	45	17	14	4	..	2	1	..	..	..	..	..	..
CHERRAPUNJI														
January	30	..	..	1	..	..	..	..	..	..	..	..	..	..
February	20	5	3	..	..	..	..	..	..	..	..	..	..	..
March	21	4	3	3	..	..	..	..	..	..	..	..	..	..
April	6	4	3	7	5	1	1	1	1	..	..	1	..	..
May	6	9	2	4	6	..	1	..	1	..	..	..	..	‡2
June	..	4	2	3	1	5	3	4	..	1	1	..	1	§5
July	4	3	3	2	3	3	3	4	1	3	..	..	..	□2
August	..	6	2	5	7	3	3	2	1	..	..	1	..	¶1
September	4	6	4	1	3	4	2	1	2	1	..	..	..	×2
October	18	6	2	3	1	1	..	..	..	..	..	..	..	..
November	29	1	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	169	48	24	29	26	17	13	12	6	5	1	2	1	12
MAHABALESHWAR														
January	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February	28	..	..	..	..	..	..	..	..	..	..	..	..	..
March	29	1	..	1	..	..	..	..	..	..	..	..	..	..
April	30	..	..	..	..	..	..	..	..	..	..	..	..	..
May	17	6	1	6	1	..	..	..	..	..	..	..	..	..
June	..	17	1	7	5	..	..	..	..	..	..	..	..	..
July	..	..	3	5	10	3	4	3	..	1	1	1	..	..
August	1	5	5	5	5	6	2	..	1	..	1	..	..	..
September	..	3	4	8	7	4	1	2	..	1	..	..	..	..
October	20	7	3	1	..	..	..	..	..	..	..	..	..	..
November	26	3	1	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	213	42	18	33	28	13	7	5	1	2	2	1	..	..

Month Rainfall (inches).	0	0·01-0·25	0·26-0·50	0·51-1·00	1·01-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	6·01-7·00	7·01-8·00	8·01-9·00	9·01-10·00
KODAIKANAL													
January	28	2	1	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March*	..	..	..	..	..	..	..	..	..	..	..	..	..
April	15	11	4	..	..	..	..	..	..	..	..	..	..
May	14	10	4	..	3	..	..	..	..	..	..	..	..
June	13	11	5	1	..	..	..	..	..	..	..	..	..
July	5	18	2	4	2	..	..	..	..	..	..	..	..
August	13	8	5	3	2	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..	..
October	5	12	7	7	..	..	..	..	..	..	..	..	..
November	19	5	2	1	3	..	..	..	..	..	..	..	..
December	30	1	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..
SEYCHELLES													
January	19	11	..	..	1	..	..	..	..	..	..	..	..
February	11	6	2	3	5	1	..	..	..	..	..	..	..
March	20	6	1	2	2	..	..	..	..	..	..	..	..
April	22	7	1	..	..	..	..	..	..	..	..	..	..
May	12	15	..	4	..	..	..	..	..	..	..	..	..
June	5	21	2	2	..	..	..	..	..	..	..	..	..
July	13	17	..	..	1	..	..	..	..	..	..	..	..
August	11	16	1	1	1	1	..	..	..	..	..	..	..
September	15	12	2	1	..	..	..	..	..	..	..	..	..
October	16	9	3	1	1	..	1	..	..	..	..	..	..
November	18	7	2	2	..	..	1	..	..	..	..	..	..
December	7	12	5	2	4	..	1	..	..	..	..	..	..
Year	169	139	19	18	15	2	3	..	..	..	..	..	..

* Records not available. † Data incomplete. ‡ 10·89, 15·87 § 10·66, 20·72, 13·13, 11·61, 12·86 □ 12·80, 12·06 ¶ 15·42 × 10·95, 15·42

ble VIII H.—Frequency of rainfall amounts (in inches) in two consecutive days at 17 stations for the year 1949.

Month Rainfall (inches.)	0	0·01-0·25	0·26-0·50	0·51-1·00	1·01-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	6·01-7·00	7·01-8·00	8·01-9·00	9·01-10·00	A 10·00
DUM DUM														
ry	29	2	..	..	..	..	..	..	..	..	..	..	..	..
ary	24	4	..	..	..	..	..	..	..	..	..	..	..	..
	26	..	1	1	3	..	..	..	..	..	..	..	..	..
	13	6	2	4	4	1	..	..	..	..	..	..	..	..
	9	4	7	5	2	1	1	..	..	1	..	..	1	..
	6	7	8	2	3	2	1	..	1	..	..	..	..	..
	..	6	7	7	7	4	..	..	..	..	..	..	..	..
t	3	12	6	5	4	1	..	..	..	..	..	..	..	..
nber	11	5	..	7	3	2	2	..	..	..	..	..	..	..
er	10	10	3	2	4	1	..	..	..	..	..	..	..	..
nber	30	..	..	..	..	..	..	..	..	..	..	..	..	..
nber	31	..	..	..	..	..	..	..	..	..	..	..	..	..
	192	56	34	33	30	12	4	..	1	1	..	..	1	..
CALCUTTA														
ry	29	2	..	..	..	..	..	..	..	..	..	..	..	..
ary	26	2	..	..	..	..	..	..	..	..	..	..	..	..
	6	3	..	..	2	..	..	..	..	..	..	..	..	..
	10	7	3	4	6	..	..	..	..	..	..	..	..	..
	8	13	4	1	2	1	..	1	..	1	..	..	..	..
	6	8	4	10	2	..	..	..	..	..	..	..	..	..
	2	10	3	5	4	4	3	..	..	..	..	..	..	..
t	1	13	7	3	6	1	..	..	..	..	..	..	..	..
nber	6	5	7	5	5	..	..	..	2	..	..	..	..	..
er	12	11	..	5	3	..	..	..	..	..	..	..	..	..
nber	30	..	..	..	..	..	..	..	..	..	..	..	..	..
nber	31	..	..	..	..	..	..	..	..	..	..	..	..	..
	187	74	28	33	30	6	3	1	2	1	..	..	..	..
SAUGOR ISLAND														
ry	28	2	1	..	..	..	..	..	..	..	..	..	..	..
ary	26	1	1	..	..	..	..	..	..	..	..	..	..	..
	28	1	..	2	..	..	..	..	..	..	..	..	..	..
	20	2	..	1	5	2	..	..	..	..	..	..	..	..
	16	3	2	3	7	..	..	..	..	..	..	..	..	..
	9	10	3	5	1	..	2	..	..	..	..	..	..	..
	1	9	5	2	1	2	..	..	..	..	..	..	..	..
st†	..	..	..	..	..	..	..	..	..	..	..	..	..	..
mber†	..	..	..	..	..	..	..	..	..	..	..	..	..	..
er‡	8	4	5	2	4	..	..	..	..	..	..	..	..	..
nber	30	..	..	..	..	..	..	..	..	..	..	..	..	..
nber	31	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Month Rainfall (inches.)	0	0·01-0·25	0·26-0·50	0·51-1·00	1·01-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	6·01-7·00	7·01-8·00	8·01-9·00	9·01-10·00	10·00
JAMSHEDPUR														
January	29	..	..	2	..	..	..	..	..	..	..	..	..	..
February	26	2	..	..	..	..	..	..	..	..	..	..	..	..
March	24	5	..	2	..	..	..	..	..	..	..	..	..	..
April	15	6	2	4	2	1	..	..	..	..	..	..	..	..
May	14	5	3	3	4	2	..	..	..	..	..	..	..	..
June	9	5	2	5	5	1	..	1	..	..	1	..	..	1 (11·30)
July	1	7	5	9	8	1	..	..	..	..	..	..	..	..
August	4	11	5	7	1	1	2	..	..	..	..	..	..	..
September	8	14	3	2	1	2	..	..	..	..	..	..	..	..
October	17	6	5	3	..	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	208	61	25	37	21	8	2	1	..	..	1	..	..	1
GAYA														
January	28	1	..	2	..	..	..	..	..	..	..	..	..	..
February	22	3	1	..	2	..	..	..	..	..	..	..	..	..
March	29	2	..	..	..	..	..	..	..	..	..	..	..	..
April	26	4	..	..	..	..	..	..	..	..	..	..	..	..
May	22	5	2	2	..	..	..	..	..	..	..	..	..	..
June	16	7	2	3	1	1	..	..	..	..	..	..	..	..
July	2	14	5	3	3	1	1	..	2	..	..	..	..	..
August	8	3	4	7	5	1	1	2	..	..	..	..	..	..
September	13	6	4	7	..	..	..	..	..	..	..	..	..	..
October	28	1	..	..	2	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	255	46	18	24	13	3	2	2	2	..	..	..	..	..
ALLAHABAD (BAMRAULI)														
January	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February	23	1	2	2	..	..	..	..	..	..	..	..	..	..
March	29	2	..	..	..	..	..	..	..	..	..	..	..	..
April	30	..	..	..	..	..	..	..	..	..	..	..	..	..
May	25	6	..	..	..	..	..	..	..	..	..	..	..	..
June	25	3	2	..	..	..	..	..	..	..	..	..	..	..
July*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
August	10	3	1	6	6	3	2	..	..	..	..	..	..	..
September	9	13	2	2	4	..	..	..	..	..	..	..	..	..
October	25	1	2	..	2	..	1	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..

ata from 1st to 20th only. †Records not available. ‡Data from 9th to 31st only. *Data not available

Table VIII H.—Frequency of rainfall amounts (in inches) in two consecutive days at 17 stations for year 1949—*contd.*

Month Rainfall (Inches)	0	0·01-0·25	0·26-0·50	0·51-1·00	1·01-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	6·01-7·00	7·01-8·00	8·01-9·00	9·01-10·00	Λ 10·00
NEW DELHI														
January	29	2	..	..	..	..	..	..	..	..	..	..	..	..
February	24	2	..	2	..	..	..	..	..	..	..	..	..	..
March	25	6	..	..	..	..	..	..	..	..	..	..	..	..
April	28	2	..	..	..	..	..	..	..	..	..	..	..	..
May	23	8	..	..	..	..	..	..	..	..	..	..	..	..
June	30	..	..	..	..	..	..	..	..	..	..	..	..	..
July*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
August	12	11	3	3	2	..	..	..	..	..	..	..	..	..
September	15	8	2	3	2	..	..	..	..	..	..	..	..	..
October	31	..	..	..	..	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..
JODHPUR														
January	27	4	..	..	..	..	..	..	..	..	..	..	..	..
February	26	2	..	..	..	..	..	..	..	..	..	..	..	..
March	31	..	..	..	..	..	..	..	..	..	..	..	..	..
April	30	..	..	..	..	..	..	..	..	..	..	..	..	..
May	29	2	..	..	..	..	..	..	..	..	..	..	..	..
June	25	3	1	1	..	..	..	..	..	..	..	..	..	..
July	12	11	1	3	2	2	..	..	..	..	..	..	..	..
August	20	8	2	1	..	..	..	..	..	..	..	..	..	..
September	23	5	2	..	..	..	..	..	..	..	..	..	..	..
October	31	..	..	..	..	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	315	35	6	5	2	2	..	..	..	..	..	..	..	..
NAGPUR														
January	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February	25	3	..	..	..	..	..	..	..	..	..	..	..	..
March	27	4	..	..	..	..	..	..	..	..	..	..	..	..
April	28	2	..	..	..	..	..	..	..	..	..	..	..	..
May	22	3	4	2	..	..	..	..	..	..	..	..	..	..
June	7	9	..	2	8	1	2	1	..	..	..	..	..	..
July	4	9	2	5	1	7	1	1	..	..	..	..	..	..
August	5	14	2	5	5	..	..	..	..	..	..	..	..	..
September	2	12	2	7	5	3	..	..	..	..	..	..	..	..
October	16	3	3	5	3	1	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	29	2	..	..	..	..	..	..	..	..	..	..	..	..
Year	226	61	13	26	22	12	3	2	..	..	..	..	..	..

Month Rainfall (Inches.)	0	0·01-0·25	0·26-0·50	0·51-1·00	1·01-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	6·01-7·00	7·01-8·00	8·01-9·00	9·01-10·00
BOMBAY													
January	31	..	..	..	..	..	..	..	..	..	..	..	..
February	28	..	..	..	..	..	..	..	..	..	..	..	..
March	31	..	..	..	..	..	..	..	..	..	..	..	..
April	30	..	..	..	..	..	..	..	..	..	..	..	..
May	24	3	3	..	1	..	..	..	..	..	..	..	..
June	12	..	3	4	7	1	2	..	..	1	..	..	..
July	..	6	10	5	3	2	..	1	1	..	2	1	..
August	..	9	6	7	1	4	1	1	1	1	..	..	..
September	..	8	1	9	4	5	..	..	..	1	..	..	..
October	21	7	2	1	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..
*Year	238	33	25	26	16	12	3	2	2	3	2	1	..
POONA													
January	31	..	..	..	..	..	..	..	..	..	..	..	..
February	28	..	..	..	..	..	..	..	..	..	..	..	..
March	29	2	..	..	..	..	..	..	..	..	..	..	..
April	30	..	..	..	..	..	..	..	..	..	..	..	..
May	15	12	..	2	2	..	..	..	..	..	..	..	..
June	14	14	2	..	..	..	..	..	..	..	..	..	..
July	8	16	3	1	3	..	..	..	..	..	..	..	..
August	8	14	3	2	4	..	..	..	..	..	..	..	..
September	8	12	4	4	..	..	..	2	..	..	..	..	..
October	16	10	5	..	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..
Year	248	80	17	9	9	..	..	2	..	..	..	..	..
HYDERABAD (BEGUMPET)													
January	31	..	..	..	..	..	..	..	..	..	..	..	..
February	28	..	..	..	..	..	..	..	..	..	..	..	..
March	31	..	..	..	..	..	..	..	..	..	..	..	..
April	22	8	..	..	..	..	..	..	..	..	..	..	..
May	22	5	3	1	..	..	..	..	..	..	..	..	..
June	7	8	2	10	3	..	..	..	..	..	..	..	..
July	7	13	5	6	..	..	..	..	..	..	..	..	..
August	13	8	5	1	2	2	..	..	..	..	..	..	..
September	3	11	6	8	2	..	..	..	..	..	..	..	..
October	18	13	..	..	..	..	..	..	..	..	..	..	..
November	28	2	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..
Year	241	68	21	26	7	2	..	..	..	..	..	..	..

*Data not available.

†32·51, 27·34,

ıble VIII H.—Frequency of rainfall amounts (in inches) in two consecutive days at 17 stations for the year 1949—*contd.*

Month Rainfall (Inches)	0	0·01-0·25	0·26-0·50	0·51-1·00	1·01-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	6·01-7·00	7·01-8·00	8·01-9·00	9·01-10·00	> 10·00
MADRAS (MEENAM BAKKAM)														
anuary	31	..	..	..	..	..	..	..	..	..	..	..	..	..
'ebruary	28	..	..	..	..	..	..	..	..	..	..	..	..	..
Iarch	30	1	..	..	..	..	..	..	..	..	..	..	..	..
ıpril	25	3	..	2	..	..	..	..	..	..	..	..	..	..
Iay	22	2	3	..	1	..	1	1	..	..	1	..	..	..
une	10	14	2	3	1	..	..	..	..	..	..	..	..	..
uly	8	10	12	1	..	..	..	..	..	..	..	..	..	..
ugust	7	9	5	7	3	..	..	..	..	..	..	..	..	..
eptember	10	7	..	7	5	1	..	..	..	..	..	..	..	..
ctober	13	9	6	2	1	..	..	..	..	..	..	..	..	..
ovember	22	2	1	3	..	..	1	1	..	..	..	..	..	..
ecember	29	2	..	..	..	..	..	..	..	..	..	..	..	..
Year	235	59	29	25	11	1	2	2	..	..	1	..	..	..
CHERRAPUNJI														
January	29	..	..	2	..	..	..	..	..	..	..	..	..	..
February	15	7	5	1	..	..	..	..	..	..	..	..	..	..
March	19	3	4	2	3	..	..	..	..	..	..	..	..	..
April	1	4	2	3	8	3	2	2	..	..	1	2	..	2*
May	5	4	..	6	6	2	..	1	1	..	2	..	..	4†
June	..	1	2	1	3	3	1	..	2	2	3	1	2	9‡
July	1	4	1	2	3	3	2	..	2	2	1	1	2	7§
August	..	1	4	2	4	1	6	3	4	1	..	1	..	4¶
September	3	2	5	2	1	2	3	2	2	2	1	..	2	3**
October	13	7	3	4	2	2	..	..	..	..	..	..	..	..
November	28	1	..	1	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	145	34	26	26	30	16	14	8	11	7	8	5	6	29
MAHABALESHWAR.														
January	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February	28	..	..	..	..	..	..	..	..	..	..	..	..	..
March	27	2	..	2	..	..	..	..	..	..	..	..	..	..
April	30	..	..	..	..	..	..	..	..	..	..	..	..	..
May	13	5	2	4	6	1	..	..	..	..	..	..	..	..
June	..	8	5	5	7	5	..	..	..	..	..	..	..	..
July	..	..	..	..	6	6	5	3	2	2	2	..	..	5⊗
August	..	1	3	3	11	2	2	3	4	..	..	1	..	1x
September	..	1	..	5	8	5	3	3	1	2	..	..	..	2z
October	16	9	4	1	1	..	..	..	..	..	..	..	..	..
November	25	2	3	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	201	28	17	20	39	19	10	9	7	4	2	1	..	8

Month Rainfall (Inches.)	0	0·01-0·25	0·26-0·50	0·51-1·00	1·01-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	6·01-7·00	7·01-8·00	8·01-9·00	9·01-10·00	> 10·00
KODAIKANAL														
January	26	3	2	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April	8	14	7	1	..	..	..	..	..	..	..	..	..	..
May	7	13	3	2	6	..	..	..	..	..	..	..	..	..
June	7	12	5	5	1	..	..	..	..	..	..	..	..	..
July	..	19	2	5	4	1	..	..	..	..	..	..	..	..
August	8	7	7	3	3	3	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..	..	..
October	3	4	9	11	3	1	..	..	..	..	..	..	..	..
November	13	8	3	1	4	1	..	..	..	..	..	..	..	..
December	29	2	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SEYCHELLES														
January	13	14	2		2	..	..	..	..	..	..	..	..	..
February	7	8	1	4	4	..	3	1	..	..	..	..	..	..
March	14	8	1	4	4	..	..	..	..	..	..	..	..	..
April	19	9	1	1	..	..	..	..	..	..	..	..	..	..
May	5	20	..	4	2	..	..	..	..	..	..	..	..	..
June	1	18	7	4	..	..	..	..	..	..	..	..	..	..
July	7	20	2	..	2	..	..	..	..	..	..	..	..	..
August	4	20	2	1	2	1	1	..	..	..	..	..	..	..
September	11	14	2	3	..	..	..	..	..	..	..	..	..	..
October	9	9	5	3	3	..	2	..	..	..	..	..	..	..
November	12	6	6	3	1	..	2	..	..	..	..	..	..	..
December	4	9	6	4	2	3	2	1	..	..	..	..	..	..
Year	106	155	35	31	22	4	10	2	..	..	..	..	..	..

*10·19, 10·86. †10·98, 11·32, 16·31, 15·98.
‡14·96, 17·12, 27·82, 23·83, 16·19, 22·73, 21·20, 24·40, 15·62.
§12·58, 10·52, 16·86, 24·66, 16·30 11.04 1136. ¶10·14, 14·06, 24·24, 16·42.
**16·10, 26·36, 17·98. ⊗10·52 14·67 15·19, 12·07, 12·43, x13·38. z10·82, 10·93.

*Records not available.
†Data incomplete.

Table VIII-I—Frequency of rainfall amounts (in inches) in three consecutive days at 17 stations f the year 1949.

Month Rainfall (inches).	0	0·01-0·25	0·26-0·50	0·51-1·00	1·01-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5·01-6·00	6·01-7·00	7·01-8·00	8·01-9·00	9·01-10·00	> 10·00
DUM DUM.														
January	28	3	..	..	..	..	..	..	..	..	..	..	..	..
February	22	6	..	..	..	..	..	..	..	..	..	..	..	..
March	24	..	1	1	5	..	..	..	..	..	..	..	..	..
April	9	5	3	7	4	2	..	..	..	..	..	..	..	..
May	5	3	7	6	4	2	1	..	..	1	..	..	2	..
June	4	5	9	3	4	2	1	..	2	..	..	..	..	..
July	..	1	6	5	10	8	..	1	..	..	..	..	..	..
August	1	9	9	5	3	4	..	..	..	..	..	..	..	..
September	9	1	1	9	3	2	4	1	..	..	..	..	..	
October	7	9	5	3	5	2	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	170	42	41	39	38	22	6	2	2	1	..	..	2	..
CALCUTTA.														
January	26	5	..	..	..	..	..	..	..	..	..	..	..	..
February	25	3	..	..	..	..	..	..	..	..	..	..	..	..
March	24	4	..	..	3	..	..	..	..	..	..	..	..	..
April	6	5	4	5	10	..	..	..	..	..	..	..	..	..
May	3	13	7	1	3	1	..	1	..	2	..	..	..	..
June	3	5	5	7	10	..	..	..	..	..	..	..	..	..
July	..	8	3	3	6	3	7	1	..	..	..	..	..	..
August	..	9	10	1	9	2	..	..	..	..	..	..	..	..
September	5	4	4	5	8	1	..	..	3	..	..	..	..	..
October	8	11	..	7	5	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	161	67	33	29	54	7	7	2	3	2	..	..	..	..
SAUGOR ISLAND.														
January	27	3	1	..	..	..	..	..	..	..	..	..	..	..
February	24	3	1	..	..	..	..	..	..	..	..	..	..	..
March	27	1	..	3	..	..	..	..	..	..	..	..	..	..
April	15	2	1	1	8	3	..	..	..	..	..	..	..	..
May	15	1	3	3	8	1	..	..	..	..	..	..	..	..
June	5	8	3	8	3	..	3	..	..	..	..	..	..	..
July*	..	7	6	3	1	3	..	..	..	..	..	..	..	..
August†	..	..	..	..	..	..	..	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..	..	..
October‡	6	4	5	3	5	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Month Rainfall (inches).	0	0·01-0·25	0·26-0.50	0·51-1·00	1·01-2·00	2·01-3·00	3·01-4·00	4·01-5·00	5.01-6·00	6·01-7·00	7·01-8·00	8·01-9·00	9·01-10·00	> 10·00
JAMSHEDPUR.														
January	28	..	..	3	..	..	..	..	..	..	..	..	..	..
February	25	3	..	..	..	..	..	..	.	..	..	..	..	..
March	22	6	..	3	..	..	..	..	..	..	..	..	..	..
April	8	9	2	5	4	2	..	..	..	..	..	..	..	..
May	10	4	4	3	7	3	..	..	..	..	..	..	..	..
June	6	6	2	5	4	3	..	1	..	..	1	..	..	..
July	..	3	4	8	14	2	..	..	..	..	..	..	..	..
August	..	0	6	8	2	2	2	1	..	..	..	..	..	..
September	6	13	5	2	1	1		..	..	..	..	..	..	..
October	14	6	6	5	..	..	..		..	..	..	..	..	..
November	30	..	..	..	..		..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	180	60	29	42	32	15	2	2	..	..	1	..	..	
GAYA.														
January	27	1	..	3	..	..	..	..	..	..	..	..	..	..
February	20	4	..	1	3	..	..	..	..	..	..	..	..	..
March	28	3	..	..	..	..	..	..	..	..	..	..	..	..
April	24	6	..	..	..	..	..	..	..	..	..	..	..	..
May	18	7	3	3	..	..	..	..	..	..	..	..	..	..
June	13	8	3	3	1	2	..	..	..	..	..	..	..	..
July	1	9	6	6	3	2	1	..	1	1	1	..	..	..
August	6	1	2	10	5	2	1	1	3	..	..	..	..	..
September	11	5	5	7	2	..	..	..	..	..	..	..	..	..
October	27	1	..	..	3	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	236	45	19	33	17	6	2	1	4	1	1	..	..	
ALLAHABAD (BAMRAULI).														
January	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February	19	4	2	2	1	..	..	..	..	..	..	..	..	..
March	28	3	..	..	..	..	..	..	..	..	..	..	..	..
April	30	..	..	..	..	..	..	..	..	..	..	..	..	..
May	23	8	..	..	..	..	..	..	..	..	..	..	..	..
June	23	4	3	..	..	..	..	..	..	..	..	..	..	..
July*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
August	8	1	1	6	7	4	2	2	..	..	..	..	..	..
September	7	11	3	3	6	..	..	..	..	..	..	..	..	..
October	24	1	3	..	2	..	1	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..

* Records from 1st to 20th only. † Record not available. ‡ Records only for 9th to 31st.

*Data not available.

§11·92, 11·30

ble VIII-I Frequency of rainfall amounts (in inches) in three consecutive days at 17 stations for the year 1949—*contd.*

Month Rainfall (inches)	0	0·01-0·25.	0·26-0·50.	0·51-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-7·00.	7·01-8·00.	8·01-9·00.	9·01-10·00.	10·00. &
NEW DELHI														
ary	28	3	..	..	..	..	..	..	..	..	..	..	..	..
uary	24	1	..	3	..	..	..	..	..	..	..	..	..	..
h	22	9	..	..	..	..	..	..	..	..	..	..	..	..
l	27	3	..	..	..	..	..	..	..	..	..	..	..	..
	19	12	..	..	..	..	..	..	..	..	..	..	..	
	30	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ust	9	12	4	1	5	..	..	..	..	..	..	..	..	..
ember	12	9	3	4	3	..	..	..	..	..	..	..	..	..
ber	31	..	..	..	..	..	..	..	..	..	..	..	..	..
ember	30	..	..	..	..	..	..	..	..	..	..	..	..	..
mber	31	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..
JODHPUR.														
ary	26	5	..	..	..	..	..	..	..	..	..	..	..	..
uary	25	3	..	..	..	..	..	..	..	..	..	..	..	..
h	31	..	..	..	..	..	..	..	..	..	..	..	..	..
l	30	..	..	..	..	..	..	..	..	..	..	..	..	..
	28	3	..	..	..	..	..	..	..	..	..	..	..	..
	23	4	1	2	..	..	..	..	..	..	..	..	..	..
	7	12	1	5	3	3	..	..	..	..	..	..	..	..
ust	17	8	4	2	..	..	..	..	..	..	..	..	..	..
ember	21	6	3	..	..	..	..	..	..	..	..	..	..	..
ber	31	..	..	..	..	..	..	..	..	..	..	..	..	..
ember	30	..	..	..	..	..	..	..	..	..	..	..	..	..
mber	31	..	..	..	..	..	..	..	..	..	..	..	..	..
	300	41	9	9	3	3	..	..	..	..	..	..	..	..
NAGPUR.														
ary	31	..	..	..	..	..	..	..	..	..	..	..	..	..
uary	24	4	..	..	..	..	.	..	..	..	..	..	..	..
h	25	6	..	..	..	..		..	..	..	.	..	..	..
l	27	3	..	..	..	..	..	..	..	..	..	..	..	..
	19	4	3	5	..	..	..	..	..	..	..	..	..	..
	4	8	1	2	8	2	2	2	1	..	..	..	..	..
	2	5	3	4	4	8	2	2	1	..	..	..	..	..
ust	2	12	4	6	7	..	..	..	..	..	..	..	..	..
ember	1	6	1	8	8	6	..	..	..	..	..	..	..	..
ber	14	2	3	5	5	2	..	..	..	..	..	..	..	..
ember	30	..	..	..	..	..	..	..	..	..	..	..	..	..
mber	28	3	..	..	..	..	..	..	..	..	..	..	..	..
	207	53	15	30	32	18	4	4	2	..	..	..	..	..

Month Rainfall (inches.)	0	0.01-0·25.	0·26-0·50.	0·51-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-7·00.	7·01-8·00.	8·01-9·00.	9·01-10·00.	10·00. &
BOMBAY.														
January	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February	28	..	..	..	..	..	..	..	..	..	..	..	..	..
March	31	..	..	..	..	..	..	..	..	..	..	..	..	..
April	30	..	..	..	..	..	..	..	..	..	..	..	..	..
May	20	3	4	1	1	..	..	..	1	..	1	..	..	..
June	..	8	5	3	8	3	1	..	1	..	1	..	..	..
July	..	2	8	8	3	2	..	2	2	..	1	..	1	2*
August	..	2	7	7	4	6	1	1	1	2	..	..	..	..
September	..	5	1	7	5	6	2	..	..	1	..	..	..	3§
October	18	9	3	1	..	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	219	29	28	27	21	17	4	3	5	3	3	..	1	5
POONA.														
January	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February	28	..	..	..	..	..	..	..	..	..	..	..	..	..
March	28	3	..	..	..	..	..	..	..	..	..	..	..	..
April	30	..	..	2	..	..	..	..	..	..	..	..	..	..
May	12	12	1	..	4	..	..	..	..	..	..	..	..	..
June	12	15	3	..	..	..	..	..	..	..	..	..	..	..
July	3	18	2	3	4	1	..	..	..	..	..	..	..	..
August	6	11	6	3	4	1	..	..	..	..	..	..	..	..
September	6	12	5	2	2	..	..	3	..	..	..	..	..	..
October	13	10	7	1	..	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	230	81	24	11	14	2	..	3	..	..	..	..	..	..
HYDERABAD (BEGUMPET).														
January	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February	28	..	..	..	..	..	..	..	..	..	..	..	..	..
March	31	..	..	..	..	..	..	..	..	..	..	..	..	..
April	20	10	..	..	..	..	..	..	..	..	..	..	..	..
May	19	7	3	2	..	..	..	..	..	..	..	..	..	..
June	..	9	3	12	6	..	..	..	..	..	..	..	..	..
July	6	7	6	12	..	..	..	..	..	..	..	..	..	..
August	9	10	5	1	3	3	..	..	..	..	..	..	..	..
September	..	10	3	9	8	..	..	..	..	..	..	..	..	..
October	15	13	3	..	..	..	..	..	..	..	..	..	..	..
November	27	3	..	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	217	69	23	36	17	3	..	..	..	..	..	..	..	

* Data not available.

* 11·03, 13·02

§ 33·35, 32·92, 28·12

Table VIII-I—Frequency of rainfall amounts (in inches) in three consecutive days at 17 stations for the year 1949—*contd.*

Month Rainfall (Inches).	0	0·01-0·25.	0·26-0·50.	0·51-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-7·00	7·01-8·00	8·01-9·00	9·01-10·00.	10·00 A
MADRAS (MEENAMBAKKAM).														
January	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Februay	28	..	..	..	..	..	..	..	..	..	..	..	..	..
March	30	1	..	..	..	..	..	..	..	..	..	..	..	..
April	24	3	..	3	..	..	..	..	..	..	..	..	..	..
May	18	3	4	..	1	1	1	1	..	..	2	..	..	..
June	8	11	6	4	1	..	..	..	..	..	..	..	..	..
July	2	10	15	4	..	..	..	..	..	..	..	..	..	..
August	2	8	6	9	6	..	..	..	..	..	..	..	..	..
September	4	8	..	9	7	2	..	..	..	..	..	..	..	..
October	10	6	11	3	2	..	..	..	..	..	..	..	..	..
November	21	3	1	1	1	..	1	2	..	..	..	..	..	..
December	28	3	..	..	..	..	..	..	..	..	..	..	..	..
Year	206	56	43	32	18	3	2	3	..	..	2	..	..	..
CHERRAPUNJI.														
January	28	..	..	3	..	..	..	..	..	..	..	..	..	..
February	10	9	8	1	..	..	..	..	..	..	..	..	..	..
March	16	4	3	5	3	..	..	..	..	..	..	..	..	..
April	..	3	..	2	6	6	1	3	2	..	1	..	2	4*
May	3	4	1	5	3	5	..	..	1	1	1	..	1	6**
June	..	..	..	2	3	4	..	1	1	1	..	..	2	16†
July	..	3	1	1	2	4	2	1	..	2	..	1	1	13‡
August	..	..	2	2	5	..	2	1	3	5	2	2	2	5§
September	2	2	3	1	2	1	4	3	2	1	..	..	2	7‖
October	9	8	2	5	2	2	2	..	..	..	..	..	..	1¶
November	27	1	..	2	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	126	34	20	29	26	22	11	9	9	10	4	3	10	52
MAHABALESHWAR.														
January	31	..	..	..	..	..	..	..	..	..	..	..	..	..
February	28	..	..	..	..	..	..	..	..	..	..	..	..	..
March	25	3	..	3	..	..	..	..	..	..	..	..	..	..
April	30	..	..	..	..	..	..	..	..	..	..	..	..	..
May	11	4	1	3	8	4	..	..	..	..	..	..	..	..
June	..	5	4	6	4	9	..	2	..	..	..	..	..	..
July	..	..	..	..	2	5	2	5	3	1	1	4	..	8***
August	..	..	1	4	7	4	4	1	1	2	4	1	..	2††
September	..	..	..	1	7	5	4	2	3	3	1	1	..	3‡‡‡
October	13	10	3	3	2	..	..	..	..	..	..	..	..	..
November	24	2	4	..	..	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	193	24	13	20	30	27	10	10	7	6	6	6	..	13

Month Rainfall (Inches).	0	0·01-0·25.	0·26-0·50.	0·51-1·00.	1·01-2·00.	2·01-3·00.	3·01-4·00.	4·01-5·00.	5·01-6·00.	6·01-7·00.	7·01-8·00	8·01-9·00.	9·01-10·00	10·00. A
KODAIKANAL.														
January	25	3	3	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April	5	12	10	3	..	..	..	..	..	..	..	..	..	..
May	2	15	2	3	9	..	..	..	..	..	..	..	..	..
June	3	13	5	6	3	..	..	..	..	..	..	..	..	..
July	..	11	7	5	6	1	1	..	..	..	..	..	..	..
August	6	5	6	7	1	5	1	..	..	..	..	..	..	..
September†	..	..	..	..	..	..	..	..	..	..	..	..	..	..
October	2	2	3	15	8	1	..	..	..	..	..	..	..	..
November	9	9	3	2	5	2	..	..	..	..	..	..	..	..
December	28	3	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SEYCHELLES.														
January	9	16	3	..	3	..	..	..	..	..	..	..	..	..
February	4	9	1	3	5	..	2	4	..	..	..	..	..	..
March	11	6	2	6	6	..	..	..	..	..	..	..	..	..
April	15	12	1	2	..	..	..	..	..	..	..	..	..	..
May	1	21	1	3	5	..	..	..	..	..	..	..	..	..
June	..	13	10	6	1	..	..	..	..	..	..	..	..	..
July	3	22	3	..	3	..	..	..	..	..	..	..	..	..
August	1	21	2	1	3	1	2	..	..	..	..	..	..	..
September	9	13	4	4	..	..	..	..	..	..	..	..	..	..
October	4	7	10	3	3	1	2	..	1	..	..	..	..	..
November	8	8	4	3	4	..	3	..	..	..	..	..	..	..
December	1	11	2	6	2	3	3	3	..	..	..	..	..	..
Year	66	159	43	37	35	5	12	7	1	..	..	..	..	..

* 13·85, 11·89, 11·32, 11·30
† 16·22, 21·42, 20·10, 12·80, 13·26, 30·62, 30·93, 24·65, 11·62, 11·48, 10·12, 20·27, 25·79, 34·33, 34·00, 27·22
** 17·06, 16·42, 10·72, 11·44, 11·46, 10·98

* Records not available.
† Records incomplete.

Table VIII J.—Frequency of hourly intensity greater than ½″ at 17 stations for the year 1949.

(months).	0·50-0·74.	0·75-0·99.	1·00-1·24.	1·25-1·49.	1·50-1·74.	1·75-1·99.	2·00-2·49.	2·50-2·99.	3·00-3·49.	3·50-3·99.	4·00-4·49.	4·50-4·99.	/5·00. /Λ
DUM DUM.													
.	..	..	..	..	..	..	..	..	..	..	..	..	..
y .	..	..	..	..	1	..	..	..	..	..	..	..	..
.	..	1	1	..	..	1	..	..	..	..	..	..	..
.	2	..	..	1	1	..	..	2	1	..	..	..	..
.	4	3	2	1	2	1	..	..	..	..	..	..	
.	3	4	..	1	1	..	..	..	1	1	..	..	..
.	5	6	4	2	..	2	..	1	..	..	..	..	..
.	..	2	3	..	1	1	..	..	1	..	..	..	..
ber .	2	2	5	4	3	3	2	1	..	..	..	..	..
.	2	..	..	3	..	1	1	2	1	..	..	..	..
er .	..	..	..	..	..	..	..	..	..	..	..	..	..
er .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	23	18	15	12	9	9	3	6	4	1	..	..	..
CALCUTTA.													
.	..	..	..	..	..	..	..	..	..	..	..	..	..
y .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	1	..	..	..	..	..	..	..	..	..	..	..	..
.	1	2	1	..	..	..	..	..	..	..	..	..	..
.	3	1	..	..	..	..	..	..	..	..	..	..	..
.	3	3	..	..	..	..	..	..	..	..	..	..	..
.	4	3	1	..	..	..	..	..	..	..	..	..	..
.	2	1	..	..	..	..	..	..	..	..	..	..	..
ber .	3	..	2	..	..	..	..	..	..	..	..	..	..
r .	3	2	..	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	20	12	4	..	..	..	..	..	..	..	..	..	..
SAUGOR ISLAND.													
y .	..	..	..	..	1	..	..	..	..	..		..	..
ry .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	1	..	..	..	..	..	..	..
.	..	1	..	2	2	..	2	..	1	..	..	2	..
.	2	5	3	3	2	..	1	..	..	..	..	..	..
.	..	2	2	..	4	..	1	1	..	..	..	..	..
.	1	3	3	..	1	..	..	2	..	..	..	..	..
† .	..	..	..	..	..	..	..	..	..	..	..	..	..
ber †	..	..	..	..	..	..	..	..	..	..	..	..	..
r ‡ .	3	5	2	..	1	1	..	1	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..	..
ber .	..	..	..	..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	..	..	..	..	..	..	..	..

Month Rainfall (inches).	0·50-0·74.	0·75-0·99.	1·00-1·24.	1·25-1·49.	1·50-1·74.	1·75-1·99.	2·00-2·49.	2·50-2·99.	3·00-3·49.	3·50-3·99.	4·00-4·49.	4·50-4·99.	/5·00. /Λ
JAMSHEDPUR.													
January .	..	..	..	..	..	..	..	..	1	..	..	..	..
February .	..	..	1	..	..	..	..	..	..	..	..	..	..
March .	..	..	1	1	..	..	..	..	..	..	..	..	..
April .	..	2	..	2	3	2	..	..	..	1	..	..	..
May .	3	..	..	2	..	..	..	2	..	..	..	..	..
June .	3	6	5	..	3	1	1	1	..	..	..	..	..
July .	4	5	2	2	2	..	1	2	..	..	..	..	..
August .	8	4	3	1	1	..	1	..	..	..	..	..	..
September .	12	2	4	1	1	..	..	..	..	..	..	..	..
October .	..	3	2	..	..	..	..	..	..	..	..	..	..
November .	..	..	..	..	..	..	..	..	..	..	..	..	..
December .	..	..	..	..	..	..	..	..	..	..	..	..	..
Year .	30	22	18	9	10	3	3	5	1	1	..	..	..
GAYA.													
January .	..	..	..	1	..	..	..	..	..	..	..	..	..
February .	2	3	1	..	..	..	..	..	..	..	..	..	..
March .	..	..	..	..	..	..	..	..	..	..	..	..	..
April .	1	..	..	..	..	..	..	..	..	..	..	..	..
May .	1		2	1	..	..	..	..	..	..	..	..	..
June .	1	1	1	1	1	..	..	..	..	..	..	..	..
July .	5	6	3	4	1	2	..	..	..	..	..	..	..
August .	21	5	6	..	1	1	1	1	..	..	..	..	..
September .	1	4	..	..	..	..	..	1	..	..	..	..	..
October .	..	1	2	..	..	..	..	..	..	..	..	..	..
November .	..	..	..	..	..	..	..	..	..	..	..	..	..
December .	..	..	..	..	..	..	..	..	..	..	..	..	..
Year .	32	20	15	7	3	3	1	2	..	..	..	..	..
ALLAHABAD (BAMRAULI).													
January .	..	..	..	..	..	..	..	..	..	..	..	..	..
February .	4	..	..	..	2	..	..	1	..	..	..	..	..
March .	..	..	1	..	..	..	..	..	..	..	..	..	..
April .	..	..	..	..	..	..	..	..	..	..	..	..	..
May .	..	..	..	..	..	..	..	..	..	..	..	..	..
June .	..	2	..	..	..	..	..	..	..	..	..	..	..
July *	..	..	..	..	..	..	..	..	..	..	..	..	..
August .	9	6	3	..	2	..	1	..	..	..	..	..	..
September .	3	1	1	..	..	1	..	1	..	..	..	..	..
October .	8	3	1	1	..	..	..	..	..	..	..	..	..
November .	..	..	..	..	..	..	..	..	..	..	..	..	..
December .	..	..	..	..	..	..	..	..	..	..	..	..	..
Year .	..	..	..	..	..	..	..	..	..	..	..	..	..

rds only from 1st to 20th. † Records not available. ‡ Records only from 9th to 31st. * Data not available.

Table VIII-J.—Frequency of hourly intensity greater than ½" at 17 stations for the year 1949—*con*

NEW DELHI.

Month Rainfall (inches).	0·50-0·74.	0·75-0·99.	1·00-1·24.	1·25-1·49.	1·50-1·74.	1·75-1·99.	2·00-2·49.	2·50-2·99.	3·00-3·49.	3·50-3·99.	4·00-4·49.	4·50-4·99.	5·00. /A
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	3	2	..	..	..	..	..	..	..	..	..	..	..
March	..	1	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	1	..	..	..	..	..	..	..	..	..	..	..	..
June	..	..	..	..	..	..	..	..	..	..	..	..	..
July *	..	..	..	..	..	..	..	..	..	..	..	..	..
August	3	3	1	1	..	..	1	..	..	..	..	..	..
September	4	5	1	1	1	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..

JODHPUR.

Month Rainfall (inches).	0·50-0·74.	0·75-0·99.	1·00-1·24.	1·25-1·49.	1·50-1·74.	1·75-1·99.	2·00-2·49.	2·50-2·99.	3·00-3·49.	3·50-3·99.	4·00-4·49.	4·50-4·99.	5·00. /A
January	2	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	..	..	..	..	..	..	..	..	..	..	..	..	..
June	1	..	1	..	..	..	1	..	..	..	..	..	..
July	2	1	..	2	1	1	2	..	..	..	..	..	..
August	3	..	..	..	..	..	1	..	..	..	..	..	..
September	2	1	..	..	..	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	10	2	1	2	1	1	4	..	..	..	..	..	..

NAGPUR.

Month Rainfall (inches).	0·50-0·74.	0·75-0·99.	1·00-1·24.	1·25-1·49.	1·50-1·74.	1·75-1·99.	2·00-2·49.	2·50-2·99.	3·00-3·49.	3·50-3·99.	4·00-4·49.	4·50-4·99.	5·00. /A
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	1	..	..	..	..	..	..	..	..	..	..	..	..
May	3	..	..	..	..	..	..	..	..	..	..	..	..
June	1	4	2	1	4	1	1	..	..	..	..	..	..
July	4	6	5	4	2	..	..	1	..	..	..	..	..
August	6	4	2	1	..	..	1	..	..	..	..	..	..
September	9	3	4	1	1	1	1	..	..	..	..	..	..
October	9	2	3	..	..	1	1	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	33	19	16	7	7	3	4	1	..	..	..	..	..

BOMBAY.

Month Rainfall (inches).	0·50-0·74.	0·75-0·99.	1·00-1·24.	1·25-1·49.	1·50-1·74.	1·75-1·99.	2·00-2·49.	2·50-2·99.	3·00-3·49.	3·50-3·99.	4·00-4·49.	4·50-4·99.
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	2	..	..	..	..	..	..	..	..	..	..	..
June	7	1	..	..	..	1	..	..	..	..	..	..
July	7	2	..	..	..	..	..	1	..	..	..	..
August	2	3	..	2	..	..	..	..	..	..	..	..
September	9	2	1	2	4	1	2	..	..	1	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	27	8	1	4	4	2	2	1	..	1	..	..

POONA.

Month Rainfall (inches).	0·50-0·74.	0·75-0·99.	1·00-1·24.	1·25-1·49.	1·50-1·74.	1·75-1·99.	2·00-2·49.	2·50-2·99.	3·00-3·49.	3·50-3·99.	4·00-4·49.	4·50-4·99.
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	4	4	1	..	..	..	..	..	..	..	..	..
June	1	..	..	..	..	..	..	..	..	..	..	..
July	5	..	..	..	..	..	..	..	..	..	..	..
August	10	..	1	..	..	..	..	..	..	..	..	..
September	9	1	4	1	1	..	..	..	..	..	..	..
October	1	..	..	1	..	..	..	..	..	..	..	..
November	..	..	..	..	..							
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	30	5	6	2	1	..	..	..	..	..	..	..

HYDERABAD (BEGUMPET).

Month Rainfall (inches).	0·50-0·74.	0·75-0·99.	1·00-1·24.	1·25-1·49.	1·50-1·74.	1·75-1·99.	2·00-2·49.	2·50-2·99.	3·00-3·49.	3·50-3·99.	4·00-4·49.	4·50-4·99.
January	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	..	..	..	..	..	..	..	..	..	..	..	..
June	2	..	1	..	..	..	..	..	..	..	..	..
July	..	..	..	..	..	..	..	..	..	..	..	..
August	1	1	..	..	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	3	1	1	..	..	..	..	..	..	..	..	..

* Data not available.

Table VIII-J.—Frequency of hourly intensity greater than ½″ at 17 stations for the year 1949—*concld.*

Month Rainfall (inches).	0·50-0·74.	0·75-0·99.	1·00-1·24.	1·25-1·49.	1·50-1·74.	1·75-1·99.	2·00-2·49.	2·50-2·99.	3·00-3·49.	3·50-3·99.	4·00-4·49.	4·50-4·99.	/5·00.
MADRAS (MEENAMBAKKAM)													
ry	..	..	..	..	..	..	..	..	..	..	..	..	..
ary	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	1	..	..	..	..	..	..	..
	2	1	6	..	3	..	..	..	..	..	..	..	..
	2	..	3	1	..	..	1	..	..	..	..	..	..
	1	..	2	1	4	1	..	..	..	..	..	..	..
t	1	2	1	2	3	..	1	..	..	..	..	..	..
nber	1	3	3	1	6	3	..	..	..	..	..	1	2
er	1	1	1	2	1	..	..	..	..	..	..	..	..
nber	2	3	4	1	1	2	..	..	..	1	..	..	..
ber	..	..	..	..	..	..	..	..	..	..	..	..	..
	10	10	20	8	18	7	2	..	..	1	..	1	2
CHERRAPUNJI.													
ry	..	2	..	..	..	..	..	..	..	..	..	..	..
ary	3	3	..	..	..	..	..	..	..	..	..	..	..
	2	3	1	1	..	..	1	..	1	..	..	..	..
	..	10	13	16	6	6	13	4	2	3	1	1	3
	5	5	10	8	11	9	13	4	5	3	..	1	1
	6	36	37	26	19	16	16	15	11	1	4	1	9
	2	17	18	12	6	2	6	3	1	..	..	..	..
t	..	18	14	12	7	6	3	5	..	1	1	..	..
mber	18	24	20	14	4	7	4	3	1	..	..	..	..
er	..	3	..	2	1	..	..	..	..	..	..	..	..
nber	..	..	..	..	..	..	..	..	..	..	..	..	..
nber	..	..	..	..	..	..	..	..	..	..	..	..	..
	36	121	113	91	54	46	56	34	21	8	6	3	13
MAHABALESHWAR.													
ry	..	..	..	..	..	..	..	..	..	..	..	..	..
ary	..	..	..	..	..	..	..	..	..	..	..	..	..
	1	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..
	1	1	..	..	..	..	..	..	..	..	..	..	..
	2	..	..	..	..	..	..	..	..	..	..	..	..
	19	10	..	..	..	..	..	..	..	..	..	..	..
t	7	3	..	..	..	..	..	..	..	..	..	..	..
mber	9	1	..	..	..	..	..	..	..	..	..	..	..
er	1	..	..	..	..	..	..	..	..	..	..	..	..
nber	..	..	..	..	..	..	..	..	..	..	..	..	..
nber	..	..	..	..	..	..	..	..	..	..	..	..	..
	40	15	..	..	..	..	..	..	..	..	..	..	..

Month Rainfall (inches).	0·50-0·74.	0·75-0·99.	1·00-1·24.	1·25-1·49.	1·50-1·74.	1·75-1·99.	2·00-2·49.	2·50-2·99.	3·00-3·49.	3·50-3·99.	4·00-4·49.	4·50-4·99.	/5·00.
KODAIKANAL.													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	5	2	1	2	..	..	..	..	..	..	..	..	..
May	5	3	2	1	1	..	1	..	..	..	..	..	..
June	4	4	1	1	..	..	..	..	..	..	..	..	..
July	4	12	4	..	1	..	1	..	..	..	..	..	..
August	8	7	5	2	1	1	..	..	..	..	..	..	..
September	1	4	2	..	..	..	..	..	..	..	..	..	..
October	5	5	3	1	..	..	..	..	..	..	..	..	..
November	1	3	1	1	1	1	1	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	33	40	19	8	4	2	3	..	..	..	..	..	
SEYCHELLES.													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	2	2	1	1	..	..	..	..	..	..	..	..	..
March	1	1	..	1	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	..	..	..	..	..	..	..	..	..	..	..	..	..
June	1	..	..	..	..	..	..	..	..	..	..	..	..
July	..	..	..	..	..	..	..	..	..	..	..	..	..
August	2	1	..	..	..	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..	..	..	..	..	..
October	2	3	..	..	..	..	..	..	..	..	..	..	..
November	1	1	..	..	1	..	..	..	..	..	..	..	..
December	4	1	..	1	..	..	..	..	..	..	..	..	..
Year	13	9	1	3	1	..	..	..	..	..	..	..	..

Table VIII-K.—Frequency of rain in five minutes (Intensity greater than ½″ per hour) at 17 stations the year 1949.

Month Rainfall (Cents).	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	40/A
DUM DUM													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	1	..	..	..	..	..	..	..	..	..
March	..	3	..	1	2	..	1	1	1	..	..	..	..
April	6	8	5	3	3	3	6	..	..	..	..	..	3
May	23	16	14	13	4	1	..	..	..	..	..	..	..
June	20	12	1	16	..	1	..	..	2	..	..	..	7
July	24	19	10	2	11	1	1	1	..	..	..	1	3
August	5	6	10	3	..	..	1	..	1	..	..	..	..
September	11	17	17	8	10	1	5	..	3	..	..	..	..
October	3	2	3	5	3	3	3	2	..	..	..	..	..
November	..	..	..	..	..	..	..	.	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	92	78	60	52	33	10	17	4	7	..	..	1	13
CALCUTTA													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	1	..	1	1	..	..	..	1	1	..	..	..	..
April	10	10	8	..	2	5	1	..	..	..	..	1	..
May	26	12	15	9	2	..	..	..	..	..	..	1	..
June	14	6	7	6	6	5	2	1	1	..	..	..	1
July	7	9	8	2	6	2	4	..	1	..	..	..	..
August	3	6	8	4	1	1	..	1	1	..	..	..	..
September	1	6	7	5	5	11	1	..	4	..	..	..	..
October	..	..	3	3	2	..	1	3	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	62	49	57	30	24	24	9	6	8	..	..	2	1
SAUGOR ISLAND													
January	..	1	..	1	1	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	1	..	1	..	..	1	..	..	..	..	..	..	..
April	2	4	5	3	4	2	3	2	1	..	..	1	2
May	4	9	7	..	2	3	..	..	1	..	..	1	..
June	2	7	8	5	4	1	2	1	1	2	..	..	..
July†	4	5	1	..	2	4	..	1	2	..	..	..	..
August*	..	..	..	..	..	..	..	..	..	..	..	..	..
September*	..	..	..	..	..	..	..	..	..	..	..	..	..
October‡	5	8	2	1	1	1	..	..	..	..	1	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..

Month Rain (Cents.)	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39
JAMSHEDPUR												
January	..	..	..	..	..	..	1	..	1	..	..	..
February	..	1	..	..	..	..	..	..	..	..	..	..
March	..	1	3	..	..	..	..	..	..	..	..	..
April	1	7	10	3	3	1	2	1	..	..	1	..
May	8	6	8	1	1	5	3	..	3	..	..	..
June	41	17	17	3	5	6	3	1	10	..	1	..
July	19	6	8	8	1	7	2	1	..	..	..	..
August	19	11	13	1	2	..	4	3	..	1	1	..
September	17	8	6	1	1	..	..	..	..	..	..	..
October	7	4	..	2	..	..		..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	112	61	65	19	13	19	15	6	14	1	3	..
GAYA												
January	1	1	..	1	1	..	..	..	..	..	..	..
February	2	5	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..
April	1	..	..	..	..	..	..	..	..	..	..	..
May	5	3	2	..	1	1	..	..	1	..	..	..
June	3	4	6	2	1	..	..	..	1	..	..	..
July	13	12	18	3	6	3	2	..	1	..	..	..
August	44	18	11	5	2	3	..	2	4	1	1	..
September	5	3	2	..	..	..	..	..	..	..	1	..
October	4	1	3	..	1	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	78	47	42	11	12	7	2	2	7	1	2	..
ALLAHABAD (BAMRAULI)												
January	..	..	..	..	..	..	..	..	..	..	..	..
February	4	..	..	2	..	..	1	..	..	..	..	..
March	..	1	1	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..
May	..	..	..	..	..	..	..	..	..	..	..	..
June	3	2	..	..	..	..	..	..	..	..	..	..
July*	..	..	..	..	..	..	..	..	..	..	..	..
August	4	8	15	4	3	4	..	2	1	..	..	..
September	11	6	5	..	3	3	..	..	1	..	..	..
October	26	8	3	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..

ıble VIII-K.—Frequency of rain in five minutes (Intensity greater than ½″ per hour) at 17 stations for the year 1949—*contd.*

Month Rainfall (Cents.)	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	40 /A
NEW DELHI													
ınuary	..	..	..	..	..	..	..	..	..	..	..	..	..
ɔbruary	5	3	..	..	..	..	..	..	..	..	..	..	..
arch	..	1	..	..	..	..	..	..	..	..	..	..	..
pril	..	..	..	..	..	..	..	..	..	..	..	..	..
ay	2	..	..	..	..	..	..	..	..	..	..	..	..
ıne	..	..	..	..	..	..	..	..	..	..	..	..	..
ıly*	..	..	..	..	..	..	..	..	..	..	..	..	..
ugust	10	5	4	..	4	..	2	..	..	..	..	..	..
ɔptember	11	7	2	1	1	1	..	..	..	..	..	..	..
ctober	..	..	..	..	..	..	..	..	..	..	..	..	..
ovember	..	..	..	..	..	..	..	..	..	..	..	..	..
ecember	..	..	..	..	..	..	..	..	..	..	..	..	..
ear	..	..	..	..	..	..	..	..	..	..	..	..	..
JODHPUR													
anuary	2	..	..	..	..	..	..	..	..	..	..	..	..
ebruary	..	..	..	..	..	..	..	..	..	..	..	..	..
larch	..	..	..	..	..	..	..	..	..	..	..	..	..
pril	..	..	..	..	..	..	..	..	..	..	..	..	..
lay	..	..	..	..	..	..	..	..	..	..	..	..	..
une	1	1	..	..	1	..	..	..	..	..	..	..	..
uly	13	4	6	1	2	8	2	..	1	..	..	..	..
ugust	3	..	..	..	2	..	..	..	1	..	..	..	..
eptember	5		1	..	..	..	..	..	..	..	..	..	..
ctober	..	..	..	..	..	..	..	..	..	..	..	..	..
ovember	..	..	..	..	..	..	..	..	..	..	..	..	..
ecember	..	..	..	..	..	..	..	..	..	..	..	..	..
ear	24	5	7	1	5	8	2	..	2	..	..	..	..
NAGPUR													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	1	..	..	..	..	..	..	..	..	..	..	..	..
May	5	2	1	..	..	..	..	..	..	..	..	..	..
June	15	13	13	7	6	3	3	..	1	..	1	..	..
July	24	36	18	5	5	8	4	2	..	1	1	..	..
August	18	7	8	2	1	2	1	..	..	..	..	..	..
September	30	2	8	3	3	1	2	2	1	1	..	..	..
October	17	10	8	4	1	..	..	..	1	1	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	110	70	56	21	21	14	10	8	3	3	2	..	..

Month Rainfall (cents.)	4-6.	7-9.	10-12.	13-15.	16-18.	19-21.	22-24.	25-27.	28-30.	31-33.	34-36.	37-39.	40. /A
BOMBAY													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	4	..	2	..	1	..	..	1	..	1	..	..	..
June	11	5	14	3	5	5	..	1	1	1	..	..	2
July	40	12	12	6	3	3	1	..	3	1	..	..	2
August	27	11	12	5	3	5	1	1	..	..	..	..	..
September	48	28	28	7	13	18	14	7	8	1	1	3	17
October	..	..	..	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	130	56	68	21	25	31	16	10	12	4	1	3	21
POONA													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	11	9	2	..	..	..	..	..	..	..	..	..	..
June	2	..	..	..	..	..	..	..	..	..	..	..	..
July	7	1	..	..	..	..	..	..	..	..	..	..	..
August	21	..	2	..	..	1	1	..	..	..	..	..	..
September	24	10	2	5	2	..	..	..	..	..	..	..	..
October	2	..	2	1	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	67	20	8	6	2	1	1	..	..	..	..	..	..
HYDERABAD (BEGUMPET)													
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	..	..	..	..	..	..	..	..	..	..	..	..	..
June	2	1	..	..	..	..	..	..	..	..	..	..	..
July	..	..	..	..	..	..	..	..	..	..	..	..	..
August	1	1	..	..	..	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..	..	..	..	..	..
October	..	..	..	.	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	3	2		..	..	..	..	..	..	..	..	..	..

*Data not available.

Table VIII-K.—Frequency of rain in five minutes (Intensity greater than ½" per hour) at 17 stations for the yea 1949—*concld.*

MADRAS (MEENAMBAKKAM)

Month Rainfall (Cents)	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	/Δ 40
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	..	1	1	..	1	1	1	..	..	..	..	..	..
May	9	11	11	3	4	1	2	..	2	..	..	..	..
June	4	4	2	2	1	..	..	..	..	..	..	..	..
July	3	..	4	4	3	..	..	..	..	..	..	..	..
August	3	3	14	2	1	2	1	..	1	..	..	..	..
September	2	6	11	3	9	1	..	1	..	..	..	2	1
October	1	3	4	3	..	..	..	..	..	..	..	..	..
November	5	6	9	1	2	1	..	1	..	..	..	..	1
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	27	34	56	18	21	6	4	2	3	..	..	2	2

CHERRAPUNJI

Month Rainfall (Cents)	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	/Δ 40
January	1	3	..	..	..	..	..	..	..	..	..	..	..
February	4	5	..	..	..	..	..	..	..	..	..	..	..
March	4	6	2	1	1	..	..	..	..	..	..	1	1
April	12	33	51	12	18	12	6	2	5	3	1	1	6
May	13	21	48	17	28	14	14	4	11	8	3	1	7
June	37	92	110	34	52	28	22	8	11	5	8	2	21
July	21	64	47	9	12	11	8	1	5	2	1	1	..
August	33	58	58	12	16	23	13	..	4	3	3	1	3
September	79	90	73	17	35	11	12	1	14	2	3	..	3
October	5	6	2	1	1	..	1	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	209	378	391	103	163	99	76	16	50	23	19	7	41

MOHABALESHWAR

Month Rainfall (Cents)	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	/Δ 40
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	1	4	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..
May	23	1	..	3	2	..	2	..	3	..	..	..	..
June	24	5	5	..	..	..	..	..	..	..	..	..	..
July	291	170	53	12	1	4	..	2	..	..	..	..	..
August	209	42	14	10	..	1	..	..	..	..	..	..	..
September	132	46	19	6	..	2	..	..	..	..	..	..	..
October	9	5	..	4	..	..	..	..	..	..	..	..	..
November	..	..	3	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	689	273	94	35	3	7	2	2	3	..	..	..	..

KODAIKANAL

Month Rainfall (cents)	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	/Δ 40
January	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..
April	9	2	5	..	..	..	..	..	..	..	..	..	..
May	14	5	4	1	1	..	..	1	..	..	..	1	1
June	12	6	3	1	1	..	..	..	..	..	..	..	..
July	14	14	7	2	1	2	..	..	..	..	..	..	..
August	14	12	8	2	2	2	1	..	..	..	..	..	..
September	3	7	1	1	..	..	..	..	..	..	..	..	..
October	8	6	4	2	2	..	..	..	..	..	..	..	..
November	7	5	4	2	3	..	1	..	1	2	..	..	..
December	..	..	..	..	..	..	..	..	..	..	..	..	..
Year	81	57	36	11	10	4	2	1	1	2		1	1

SEYCHELLES

Month Rainfall (cents)	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	/Δ 40
January	5	13	1	..	2	..	..	..	..	..	..	..	..
February	33	13	13	9	3	3	1	1	..	1	3	..	..
March	3	3	9	2	..	5	..	..	..	..	2	..	..
April	4	2	..	1	..	..	..	..	..	..	..	..	..
May	13	5	6	..	1	..	..	..	..	..	..	..	..
June	8	9	..	..	..	..	..	..	..	..	..	..	..
July	2	4	..	..	..	..	..	..	..	..	..	..	..
August	17	7	3	3	..	1	..	..	..	..	..	..	..
September	6	5	1	..	..	..	..	..	..	..	..	..	..
October	10	3	8	1	..	7	..	..	..	..	..	..	1
November	12	12	4	9	3	4	1	..	..	..	..	..	..
December	22	13	20	12	3	3	1	..	2	..	..	..	1
Year	135	89	65	37	12	28	3	1	2	1	5	..	2

Table IX.—Mean hourly and extreme wind velocities (m.p.h.) at 17 stations for the year 1949.

Table IX.—Mean hourly and extreme wind velocities (m. p.

Hours (I. S. T.) Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
															DUM DUM (Ht.—66 f		
January	1·5	1·9	1·4	2·7	2·2	2·0	1·7	2·5	4·0	5·2	5·5	6·0	6·0	6·0	5·8	5·0	[illegible]
February	2·8	3·8	3·6	3·5	3·2	3·3	3·2	3·9	5·3	7·0	8·5	7·8	5·7	8·6	7·6	7·3	[illegible]
March	5·2	5·0	4·6	4·2	4·1	3·8	5·0	6·4	7·8	8·8	10·3	9·7	9·8	10·1	9·6	9·1	[illegible]
April	10·6	10·4	8·3	8·0	7·3	6·9	9·4	12·6	13·0	15·0	15·5	15·4	15·5	15·1	14·9	14·9	15
May	7·3	6·0	6·0	4·6	5·4	5·4	8·0	8·9	10·3	10·2	9·9	10·3	10·8	10·7	10·3	11·2	10
June	5·0	5·0	4·7	4·1	4·1	4·7	6·4	8·0	8·4	9·0	9·0	9·4	9·1	10·5	10·5	9·7	10
July	4·1	3·6	4·2	3·9	3·6	3·9	5·2	7·1	7·0	6·6	6·9	7·5	7·9	8·8	9·0	7·8	8
August	4·0	3·7	3·4	2·5	3·1	3·1	4·3	5·1	5·6	6·0	7·4	7·7	8·0	7·5	7·6	7·4	6
September	2·2	1·8	1·9	1·9	2·0	1·9	3·4	4·8	4·8	5·8	6·0	6·2	6·2	6·5	7·2	7·1	5
October	0·9	1·2	0·9	1·3	1·5	1·6	2·6	4·2	5·3	5·5	5·9	6·2	5·7	5·9	5·7	5·3	3
November	2·7	2·2	2·7	2·7	2·4	2·3	3·1	4·1	5·9	6·9	7·7	7·8	7·8	7·3	6·4	3·9	1
December	0·7	1·2	1·5	1·6	0·9	1·4	1·4	2·2	3·1	4·4	5·9	6·7	7·0	6·8	5·5	4·0	1
Year	3·9	3·8	3·6	3·4	3·3	3·3	4·5	5·8	6·7	7·5	8·2	8·4	8·3	8·7	8·3	7·7	6
															CALCUTTA *(Ht.—87 ft.		
January	0·9	1·0	0·5	0·7	0·9	1·5	1·1	1·4	2·2	2·7	4·3	5·4	5·5	6·1	6·4	6·2	5
February	3·5	4·0	3·4	3·6	3·9	3·7	3·2	3·3	3·6	4·5	5·9	6·6	7·3	8·2	8·6	8·8	8
March	5·4	5·4	4·9	4·1	4·2	3·5	4·1	4·9	5·5	7·3	7·8	8·1	8·5	9·3	9·7	6·2	9
April	7·9	7·6	7·4	7·2	6·2	5·7	5·5	7·8	8·4	9·2	10·2	10·7	11·8	10·9	11·2	11·7	11
May	6·3	6·4	6·5	6·3	5·4	5·5	6·0	7·6	9·3	9·4	6·0	8·8	9·3	10·0	10·3	10·2	10
June	5·3	5·0	4·6	4·7	4·0	4·2	4·8	6·0	7·0	7·4	8·1	9·8	9·1	9·4	9·9	10·0	9
July	4·3	3·9	4·0	4·4	4·4	3·7	4·5	5·6	6·5	7·0	6·9	7·1	7·8	7·9	8·1	8·6	7
August	4·3	3·9	3·1	3·4	3·3	3·7	3·5	5·0	5·2	6·0	6·5	7·2	7·1	7·8	7·7	7·3	7
September	2·8	2·5	2·3	2·4	2·2	2·2	3·1	4·3	4·9	5·4	5·8	6·3	7·2	7·2	7·2	6·9	6
October	1·9	2·1	2·1	2·0	1·9	2·4	2·5	2·9	4·8	5·3	6·2	6·2	6·2	6·9	7·5	6·8	5
November	2·1	2·8	2·8	3·0	3·3	3·2	3·2	3·8	4·3	4·9	5·9	6·5	7·1	7·3	6·9	6·2	5
December	0·5	0·5	0·4	0·7	0·6	0·6	1·0	1·3	1·5	2·4	4·0	5·1	5·5	5·6	5·4	4·5	2
Year	3·8	3·8	3·5	3·5	3·4	3·3	3·5	4·5	5·3	6·0	6·5	7·3	7·7	8·1	8·2	7·8	7

* The hours in this case refer to L. M. T.
Ht.—The height of anemograph above ground level.

7 stations for the year 1949.

8	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Highest maximum. Vel. / Dn.	Highest maximum. Date.	Highest maximum. Hour.	Hours (I.S.T.) Month.
2·1	1·6	2·0	2·1	3·1	2·3	2·2	3·2	7·3	0·2	35 / NNW	27	23	January.
3·1	3·0	2·8	3·5	3·7	3·5	2·7	4·7	10·9	0·5	30 / NNW	7	9	February
5·9	6·9	8·0	8·0	7·4	6·5	5·3	7·0	13·6	0·8	76 / NW	7	19	March.
12·9	11·4	11·2	10·9	10·7	8·6	9·5	11·7	17·9	1·6	64 / E	26	6	April.
9·7	9·0	10·2	8·8	7·5	6·7	6·8	8·5	17·0	0·8	65 / NW	6	17	May.
7·5	7·4	8·0	7·0	6·1	5·2	6·3	7·3	12·8	0·3	62 / N	19	17	June.
6·7	6·9	6·1	6·3	6·1	5·6	5·2	6·1	11·0	0·1	32 / S	16	14	July.
5·9	6·1	6·4	5·5	4·7	4·4	3·7	5·4	10·1	0·1	36 / E	1	13	August.
4·9	3·9	4·6	3·6	3·7	2·7	2·6	4·2	9·0	0·1	37 / S	30	15	September.
2·3	2·0	2·2	1·1	1·5	1·5	2·1	3·1	7·5	0	37 / ESE	8	13	October.
1·2	0·9	0·7	0·7	0·9	1·5	1·6	3·5	7·2	0·4	25 / NNW	12	13	November.
0·8	0·4	0·4	0·6	0·4	0·8	1·1	2·5	5·7	0·1	27 / NNW	23	14	December.
5·3	5·0	5·2	4·8	4·7	4·1	4·1	5·6	10·8	0·4	76	..	..	*Year.*
3·0	0·4	0·5	0·8	1·6	1·9	1·6	2·6	17·0	0	36 / N	27	23	January.
6·3	2·9	2·6	3·7	4·0	4·0	3·9	4·9	22·1	0	30 / WNW	20	14	February.
8·0	6·0	6·5	6·1	5·4	6·4	5·6	6·3	25·7	0	49 / NNE	18	22	March.
11·5	10·6	9·8	8·9	9·0	8·3	8·0	9·1	35·7	0	50 / NE	25	3	April.
10·6	8·5	8·7	8·2	8·0	7·2	6·8	8·0	33·1	0	74 / NW	6	17	May.
8·9	7·3	6·5	6·7	6·7	6·0	5·2	6·9	30·2	0	51 / NE	1	12	June.
9·2	6·0	5·9	5·3	5·8	5·0	4·7	6·0	26·2	0	40 / SE,S	12, 16	14	July.
6·6	6·0	5·8	5·5	4·8	4·4	4·4	5·4	23·5	0	40 / WSW	5	20	August.
5·4	4·9	4·3	4·1	3·8	3·8	3·3	4·5	22·5	0	36 / SE	13	15	September.
3·1	2·1	2·1	2·6	2·0	1·7	1·7	3·7	22·1	0	44 / S	10	15	October.
2·6	1·0	1·0	1·1	0·9	1·1	0·2	3·6	19·2	0	28 / N	12	15	November.
0·3	0·1	0·1	0·1	0·2	0·1	0	1·9	17·9	0	25 / NW	13	13	December.
6·3	4·7	4·5	4·4	4·3	4·2	3·8	5·2	24·6	0	74	..	..	*Year.*

Table IX.—Mean hourly and extreme wind velocities (m. p.

Hours (I. S. T.) Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
																GOPALPUR (Ht.—32 ft.)
January	2·2	2·5	2·7	3·2	3·5	4·0	4·1	4·9	4·6	3·5	3·7	4·7	5·5	6·0	6·2	6·0
February	3·5	3·3	3·4	3·3	3·3	3·8	4·1	4·6	4·8	4·7	6·3	7·9	8·8	9·6	9·6	9·8
March	13·4	10·5	12·7	10·7	11·0	11·6	10·3	11·5	12·6	11·5	10·8	11·8	12·2	13·5	14·3	14·9
April	16·0	14·4	14·4	14·4	13·1	12·6	12·4	13·4	13·8	14·6	15·8	16·6	16·8	17·8	18·2	18·9
May	12·5	11·5	10·4	8·6	6·1	10·7	10·7	10·8	12·2	12·1	13·3	15·0	16·1	15·6	17·2	17·6
June	8·3	8·2	8·6	7·7	7·0	6·8	7·6	8·3	9·0	10·8	11·0	12·3	12·8	13·8	13·4	11·8
July	7·0	6·5	5·8	5·0	5·0	5·5	5·3	6·7	8·9	10·0	9·8	12·1	13·1	13·5	14·1	13·3
August	5·2	4·9	4·4	4·5	4·6	4·7	4·2	5·4	5·9	7·1	7·9	9·2	10·0	10·5	10·1	10·7
September	7·3	5·8	5·9	7·1	5·8	5·3	4·9	7·5	9·3	10·3	10·5	11·5	11·8	12·5	12·6	12·9
October	5·5	5·2	4·8	5·2	5·5	5·8	6·7	6·8	7·2	7·9	7·5	7·0	8·5	8·7	8·7	6·3
November	3·1	3·7	4·1	4·6	5·1	5·2	5·8	6·4	6·6	6·2	7·0	7·2	7·1	6·5	6·0	6·0
December	3·3	3·7	4·6	4·6	5·1	5·0	5·3	6·3	6·2	4·5	4·4	5·9	6·7	7·4	7·7	7·2
Year	7·3	6·7	6·8	6·6	6·3	6·7	6·8	7·7	8·4	8·6	9·0	10·1	10·8	11·3	11·5	11·3
																JAMSHEDPUR (Ht.—51 f
January	0·3	0·5	0·7	0·4	0·5	0·6	0·7	1·2	1·7	2·2	2·3	2·9	3·5	3·5	3·0	2·0
February	0·5	0·7	0·9	0·6	0·8	0·9	1·1	1·3	2·1	2·4	3·8	3·9	5·1	5·4	4·9	4·9
March	0·6	0·6	0·6	1·5	1·1	1·1	0·9	2·5	2·6	3·7	4·0	4·2	6·1	6·3	5·5	5·4
April	2·6	1·9	1·7	1·1	0·7	0·6	1·0	2·3	3·9	4·4	4·4	4·8	4·6	5·3	6·1	6·9
May	2·4	2·1	1·8	1·3	1·5	2·1	3·4	4·3	4·6	4·9	4·8	4·8	4·5	4·9	5·5	6·0
June	0·8	0·8	0·7	1·3	0·3	0·5	1·3	2·8	4·9	5·1	4·8	3·7	4·2	4·6	2·6	4·2
July	1·2	1·1	1·0	1·0	1·3	1·0	1·8	3·1	3·8	4·0	4·7	4·4	4·6	5·5	5·3	3·5
August	0·4	0·8	0·8	0·7	1·0	0·9	1·4	2·5	3·2	4·4	4·2	4·6	4·6	5·0	4·5	4·4
September	1·1	0·8	0·8	0·8	0·9	1·0	1·8	2·3	3·4	3·3	3·5	4·1	3·9	4·3	4·4	4·1
October	0·5	0·6	0·6	0·8	1·0	1·1	1·0	1·9	2·0	2·4	3·0	3·7	3·2	3·6	3·6	3·3
November	1·0	1·1	0·9	1·0	1·2	0·5	1·2	2·6	3·0	3·3	3·3	4·1	3·9	3·5	3·2	1·9
December	0·7	1·3	1·1	1·1	0·9	0·8	1·0	1·7	1·9	2·8	3·3	4·4	4·2	4·2	3·7	2·6
Year	1·0	1·0	1·0	1·0	0·9	0·9	1·4	2·4	3·1	3·6	3·8	4·1	4·4	4·7	4·4	4·1

17 stations for the year 1949—*contd.*

18	19	20	21	22	23	24	Mean	Mean of Max.	Mean of Min.	Highest maximum. Vel. / Dn.	Highest maximum. Date.	Highest maximum. Hour.	Hours (I.S.T.) Month.
4·9	3·9	2·8	2·2	2·3	2·1	2·4	3·9	7·5	1·2	22 / —	28	14	January.
9·1	8·3	7·0	5·8	5·5	4·5	4·2	6·0	11·8	1·4	28 / E	27	13	February.
14·7	14·2	15·0	14·3	13·6	12·0	13·0	12·7	24·8	5·2	48 / SSW	19	19	March.
18·2	18·2	18·4	17·4	17·0	16·4	16·4	16·0	29·3	4·6	49 / SSW	28	15	April.
15·2	15·5	14·9	12·5	10·0	8·5	11·5	12·7	24·8	2·8	44 / S	4, 5	15, 16	May.
11·6	11·6	10·9	10·2	9·6	9·0	8·6	10·0	21·1	1·8	52 / NNE	1	13	June.
11·9	11·0	9·2	8·6	8·3	7·3	6·9	9·1	21·3	1·9	42 / SW	17	17	July.
9·1	9·9	7·6	7·3	6·8	6·9	6·0	7·2	17·5	1·7	37 / NW	7	13	August.
12·9	12·8	12·5	11·5	10·5	9·3	7·8	9·6	20·4	1·0	49 / SE	19	13	September.
6·5	6·6	7·6	6·4	5·8	5·7	6·0	6·7	21·2	0·6	46 / —	28	20	October.
3·9	2·4	2·1	2·3	2·4	2·4	2·9	4·7	8·5	1·0	21 / NE	10	11	November.
5·5	3·8	2·5	2·3	2·0	2·1	2·7	4·7	9·0	1·6	24 / ENE	14, 12	11, 15	December.
10·3	9·9	9·2	8·4	7·8	7·2	7·4	8·6	18·1	2·1	52	..	..	*Year.*
0·3	0·3	0·7	0·4	0·4	0·4	0·2	1·2	5·2	0	36	27	20	January.
1·9	1·6	1·0	1·5	1·2	1·0	0·7	2·1	8·2	0·2	27	20	14	February.
2·6	2·8	1·6	1·2	0·8	1·2	0·7	2·6	12·7	0·1	57	5	19	March.
6·5	5·8	4·4	5·1	4·2	3·9	2·7	3·8	14·0	0	67	30	17	April.
5·8	6·0	6·1	5·5	5·2	3·1	3·4	4·2	11·2	0	50	20	4	May.
2·2	2·0	1·8	1·2	1·0	0·7	1·0	2·4	10·8	0	46	5	16	June.
1·7	2·0	1·5	1·4	1·1	1·3	0·6	2·5	9·7	0	32	10	14	July.
3·1	2·2	1·9	1·3	1·1	0·7	0·7	2·4	9·5	0	33	4	12	August.
1·7	1·2	0·9	1·6	1·4	1·2	1·0	2·2	8·1	0	31	7, 8	14	September.
1·8	1·5	1·2	0·9	2·8	0·8	0·7	1·8	8·0	0	28	7, 28	15, 17	October.
0·2	0·5	0·8	0·6	0·8	0·8	0·7	1·7	5·2	0	16	13	12	November.
0·5	0·4	0·8	0·8	0·9	0·7	0·8	1·7	6·1	0	17	12	13	December.
2·3	2·2	1·9	1·8	1·7	1·2	1·1	2·4	9·1	0	17	..	..	*Year.*

Table IX.—Mean hourly and extreme wind velocities (m. p.

Hours (I. S. T.) Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
																GAYA (Ht.—4
January	1·5	1·8	1·7	1·2	2·0	2·3	1·7	1·5	2·6	2·7	3·7	4·8	5·4	5·9	5·9	5·7
February	1·4	2·2	2·9	2·4	2·8	3·4	3·7	3·6	5·2	6·0	6·2	7·0	6·8	7·7	8·1	8·1
March	2·3	3·1	4·3	4·1	3·4	2·6	2·9	4·6	6·0	6·9	7·3	8·3	9·7	9·7	9·9	9·5
April	6·5	5·8	6·2	5·2	5·4	5·3	6·1	8·0	6·5	6·2	6·1	8·1	9·0	9·4	9·0	10·3
May	5·8	5·2	5·1	5·2	5·8	4·9	6·7	7·1	6·9	7·2	6·3	8·0	8·4	8·4	9·5	8·8
June	3·1	3·7	4·3	4·7	4·3	4·8	6·1	5·8	7·0	7·8	7·4	9·6	9·0	9·8	10·1	8·7
July	5·7	5·2	5·7	5·3	5·5	5·8	6·5	6·4	7·5	7·3	8·5	7·6	8·5	7·9	8·0	9·0
August	5·0	6·1	5·0	4·9	4·8	5·6	6·6	7·4	7·4	8·1	9·1	9·0	9·1	9·7	8·2	9·9
September	4·6	4·2	4·3	5·3	4·6	4·3	6·1	6·4	6·4	6·2	6·9	7·7	8·3	7·4	7·7	9·3
October	3·2	3·1	3·4	3·2	3·6	3·4	4·1	3·8	4·5	5·4	6·5	6·9	6·6	7·3	6·9	6·7
November	3·1	3·5	3·6	4·2	4·4	4·8	4·2	5·1	5·0	6·0	6·9	7·6	8·4	8·7	8·7	7·3
December	2·8	3·0	3·1	3·6	4·0	4·4	3·9	4·4	4·6	4·7	6·0	7·0	8·0	8·4	8·6	8·0
Year	3·7	3·9	4·1	4·1	4·2	4·3	4·9	5·3	5·8	6·2	6·7	7·6	8·1	8·3	8·3	8·4
														ALLAHABAD (Bamrauli)(Ht.—		
January	1·4	1·0	1·4	1·1	1·8	1·5	1·5	2·2	2·4	3·6	4·5	4·9	5·6	5·5	5·4	4·9
February	2·3	1·9	2·2	2·4	2·2	3·1	2·4	2·9	4·5	5·3	6·3	7·1	8·1	8·3	8·1	7·3
March	2·5	2·2	1·8	2·4	2·4	2·4	3·0	4·2	5·5	6·2	7·7	7·7	7·6	8·4	8·5	7·3
April	2·3	3·0	3·8	2·8	2·7	2·2	3·1	4·3	5·1	5·5	5·6	6·8	7·8	8·0	9·1	9·1
May	4·1	4·2	3·8	4·2	4·1	3·6	5·3	6·5	5·9	5·5	6·4	6·2	7·1	7·7	7·6	7·4
June	3·0	4·0	5·0	5·0	4·0	3·3	4·6	7·4	8·4	8·4	9·1	9·0	8·6	9·1	9·1	8·8
July	3·7	3·5	3·2	2·7	2·7	3·3	4·7	4·6	5·3	6·2	6·2	6·0	6·1	7·4	7·2	6·3
August	1·8	1·8	2·3	2·3	2·3	2·1	2·9	3·4	4·3	4·4	5·0	4·6	5·6	5·8	6·7	6·0
September	0·9	1·6	1·2	1·1	1·8	1·0	1·4	2·4	3·0	3·0	3·9	3·9	3·4	4·1	4·5	3·9
October	0·4	0·6	0·6	0·9	0·6	0·3	0·6	2·0	2·5	3·2	4·0	4·2	4·1	5·0	5·0	3·7
November	0·7	0·6	0·8	0·7	0·6	0·1	0·4	1·2	1·7	2·6	3·0	3·8	4·0	4·5	3·8	2·5
December	1·0	0·8	0·9	1·1	1·3	1·1	1·2	1·5	2·2	3·5	4·3	5·2	5·8	6·1	6·1	3·9
Year	2·0	2·1	2·2	2·2	2·2	2·0	2·6	3·6	4·2	4·8	5·5	5·9	6·1	6·7	6·7	5·9

7 stations for the year 1949—*contd.*

19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Highest maximum. Vel. / Dn.	Highest maximum. Date.	Highest maximum. Hour.	Hours (I.S.T.) Month.
2·1	1·9	1·7	1·3	1·7	1·3	1·5	2·7	11·0	0	35 / NW	27	19	January.
2·9	1·5	1·6	2·3	1·9	2·1	2·2	3·9	15·3	0	42 / NW	5	1	February.
5·3	3·5	2·4	2·7	2·5	3·1	2·9	5·2	19·0	0·1	52 / SS	8	3	March.
9·2	7·1	7·5	7·5	7·4	7·6	6·6	7·3	17·8	0·4	51 / SSW	4	17	April.
8·3	8·3	7·8	8·9	8·3	7·9	6·9	7·2	20·0	0·1	62 / NW	3	5	May.
9·9	7·4	5·8	5·4	4·0	4·3	3·0	6·5	16·7	0·5	65 / NW	30	21	June.
7·8	5·5	6·4	4·8	5·5	5·1	5·5	6·6	14·1	0·4	43 / NW	4	18	July.
8·5	7·1	5·8	5·5	5·2	6·1	5·0	7·0	17·2	0·4	36 / E	1	14	August.
7·2	5·0	4·3	4·3	4·4	3·9	4·0	5·9	14·7	0·1	39 / SW	30	18	September.
4·0	2·5	2·7	1·8	3·5	3·4	3·2	4·4	17·1	0	36 / E	30	11	October.
3·2	2·3	1·9	3·0	3·5	3·0	3·1	4·8	8·7	1·6	27 / WSW	24	13	November.
3·3	3·0	2·7	2·0	5·6	2·7	2·4	4·7	8·9	0·8	30 / W	11	14	December.
5·9	4·5	4·2	4·1	4·4	4·2	3·8	5·5	15·0	0·3	65	..	..	*Year.*
1·1	1·4	1·4	1·5	1·4	1·6	1·4	2·5	7·5	0·3	26 / WNW	14	13	January.
2·1	2·0	2·5	2·4	2·3	2·2	2·4	3·9	12·2	0·3	40 / WNW	3	5	February.
4·1	2·4	3·3	3·0	2·2	2·2	2·1	4·4	15·7	0·2	45 / SE	20	7	March.
4·7	1·9	1·5	1·6	1·9	3·1	2·2	4·1	13·5	0·3	44 / —	3	4	April.
5·6	3·5	3·3	4·3	4·0	3·7	4·9	5·2	14·2	0·6	44 / NNW	17	24	May.
6·5	4·4	3·6	3·5	4·3	3·7	3·9	6·1	14·9	0·6	39 / NNW	2	7	June.
3·4	3·1	3·4	3·7	2·9	3·2	3·3	4·5	12·8	0	45 / NNW	14	5	July.
3·2	2·6	1·8	2·0	2·1	1·4	2·0	3·4	11·1	0	37 / ENE	16	27	August.
1·7	1·5	0·8	0·8	1·0	1·0	1·0	2·1	8·5	0	39 / SSW	13	17	September.
1·1	0·8	0·9	0·9	0·5	0·5	0·5	1·4	0·6	0	34 / NE	15	9	October.
0·5	0·6	0·5	0·3	0·4	0·5	0·6	1·5	5·2	0·3	21 / W	13	13	November.
1·2	0·9	0·9	0·8	0·9	1·2	0·9	2·2	4·9	0·3	21 / W, WNW	13, 14	11, 16, 17	December.
2·9	2·1	2·0	2·1	2·0	2·0	2·1	3·4	10·1	0·2	45	..	..	*Year.*

Table IX.—Mean hourly and extreme wind velocities (m. p

Hours (I.S.T.) Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
														NEW DELHI (Ht.—65 ft.		
January	4·0	4·4	4·2	4·0	3·8	3·5	4·1	4·1	5·0	5·5	7·2	8·1	7·7	7·9	7·5	7·0
February	5·0	5·5	5·4	5·4	5·2	5·4	5·9	6·6	7·7	8·4	9·6	10·6	11·1	11·5	11·1	11·2
March	6·9	6·1	6·3	6·0	5·0	4·7	4·8	5·9	7·5	8·2	8·8	9·9	10·7	11·0	10·8	10·9
April	4·9	4·9	4·5	4·2	4·1	4·9	4·9	6·3	7·6	8·2	8·6	9·6	9·2	10·7	10·4	10·6
May	6·4	6·9	5·7	6·0	6·0	6·2	7·3	10·0	11·0	10·7	9·5	8·7	8·7	9·0	8·5	8·7
June	6·5	6·9	8·5	7·4	7·2	6·7	8·1	10·7	13·0	13·0	14·1	12·2	11·1	10·8	10·7	11·8
July	6·3	6·4	6·2	5·9	6·2	6·6	7·4	8·5	9·2	10·0	10·0	9·3	9·4	8·9	8·0	7·4
August	5·5	5·3	5·5	6·1	6·2	5·5	6·6	8·1	9·6	10·1	10·0	9·5	7·9	7·1	6·0	6·7
September	4·1	4·4	4·0	4·0	4·1	4·8	5·5	5·8	7·2	7·3	7·1	6·5	7·2	7·3	6·2	6·9
October	4·2	4·0	4·4	4·4	4·4	4·3	4·1	5·8	6·0	5·2	7·0	8·3	9·0	8·3	9·5	·3
November	4·1	4·3	5·1	5·1	5·1	5·6	5·6	7·0	7·4	7·0	8·4	9·3	9·8	9·3	9·6	9·3
December	4·9	5·3	4·9	5·2	5·0	5·1	5·1	5·7	6·6	7·5	8·5	9·8	10·1	10·4	9·9	8·9
Year	5·2	5·4	5·4	5·3	5·2	5·3	5·8	7·0	8·1	8·4	9·1	9·3	9·3	9·3	9·0	9·0
														JODHPUR (Ht.—60 ft.)		
January†	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
February	6·4	6·0	6·7	6·7	6·9	7·0	6·5	6·6	6·3	7·1	8·3	10·0	10·4	10·4	9·7	10·8
March	6·9	6·2	5·0	4·3	5·0	5·4	4·9	4·3	4·5	5·1	6·1	6·8	6·7	7·7	7·5	8·9
April	7·0	6·2	6·6	6·7	6·4	5·0	4·0	5·0	5·9	6·2	7·8	8·1	9·5	10·2	9·9	9·8
May	7·6	8·2	8·2	8·2	8·0	8·2	9·0	11·2	11·1	11·7	12·4	12·0	12·2	11·8	11·6	11·4
June	8·3	9·1	9·5	9·7	10·6	10·2	12·0	13·1	13·2	12·8	12·8	12·9	12·9	12·9	12·3	11·3
July	8·8	8·2	8·8	9·4	8·3	7·7	8·7	10·5	11·2	10·7	11·4	11·7	11·1	11·8	11·6	11·5
August	6·8	6·6	6·2	6·9	6·4	6·5	6·3	8·7	10·0	10·7	11·4	11·4	10·9	11·7	11·4	11·9
September	8·0	7·1	7·2	7·4	6·9	6·3	6·5	8·6	9·4	9·1	9·3	8·9	9·1	8·9	9·6	9·2
October	6·4	6·4	5·8	5·7	6·5	6·0	5·6	4·5	5·3	5·5	6·2	6·3	7·3	6·5	6·0	5·7
November	8·3	8·3	7·7	7·4	7·9	7·9	8·3	6·7	5·2	4·7	5·9	5·9	6·1	6·5	6·5	6·0
December	7·1	7·3	6·9	7·1	6·6	6·6	6·3	5·5	4·1	3·5	4·6	5·8	6·2	6·1	6·2	6·[illegible]
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

† Data not available.

stations for the year 1949—*contd.*

	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Highest maximum. Vel. / Dn.	Highest maximum. Date.	Highest maximum. Hour.	Hours (I.S.T.) Month.
4·6	4·2	4·1	4·5	4·2	3·7	4·2	5·2	13·0	0·3	30 / NW	18	14	January.
7·5	5·4	5·4	5·2	5·6	5·8	5·5	7·4	15·9	1·1	40 / E	3	13	February.
8·8	6·7	6·1	5·5	5·6	5·4	6·0	7·4	18·6	0·9	40 / N	13	13	March.
7·8	5·5	4·9	4·2	3·7	4·4	4·7	6·6	17·7	0·3	40 / W	28	16	April.
8·7	6·5	6·6	6·1	5·2	6·0	6·3	7·7	20·6	0·6	58 / NW	31	13	May.
12·1	9·9	8·1	5·9	7·1	6·6	6·6	9·4	21·4	1·0	52 / WSW	27	18	June.
6·9	6·3	5·6	6·8	5·7	6·2	5·3	7·3	17·5	0·4	55 / S	3	17	July.
4·7	4·0	5·0	4·6	4·5	4·0	4·6	6·4	14·3	0·3	36 / NNW	14	22	August.
3·7	4·1	3·0	3·3	3·5	3·8	3·9	5·1	16·4	0	47 / SW	29	17	September.
5·3	4·3	3·7	4·0	4·2	3·7	3·5	5·5	13·0	0·1	34 / NW	6	14	October.
4·9	4·1	3·6	3·7	3·6	4·3	4·1	4·9	12·1	0·3	30 / NW	25	15	November.
5·2	4·7	4·5	4·7	4·6	4·6	4·9	6·3	13·5	0·6	36 / NW	17	12	December
6·7	5·5	5·1	4·9	4·9	4·9	5·0	6·6	16·2	0·5	58	..	..	*Year.*
..	..	..	..	..	..	..	..	..	..	..	..	..	January.
8·7	7·8	6·7	6·6	6·8	7·0	6·8	7·8	17·5	0·4	44 / W	12	14	February.
7·0	4·4	4·2	5·1	5·8	5·8	6·2	5·9	15·3	0	60 / WNW	22	17	March.
8·6	5·3	4·5	4·8	5·3	6·6	7·2	6·9	15·9	0·2	47 / N	5	24	April.
11·6	10·4	7·7	6·8	7·2	6·9	6·4	9·6	21·2	1·1	48 / N	9	18	May.
12·2	11·1	9·5	8·3	6·8	7·6	8·7	10·8	19·3	1·5	45 / NEW	16	23, 13	June.
10·9	10·0	9·0	8·5	8·7	9·0	8·0	9·8	20·3	1·0	73 / NE	17	15	July.
12·2	10·4	7·7	7·2	7·2	6·8	6·8	8·9	17·6	0·8	46 / NE	28	16	August.
9·7	8·8	7·8	7·6	7·8	8·1	7·8	8·2	17·4	0·7	46 / NE	22	18	September.
5·0	5·3	5·4	6·1	6·6	6·7	6·5	5·9	14·8	0	37 / NE	29	23	October.
4·5	5·5	6·1	7·5	7·5	8·0	7·9	6·7	12·1	0·8	26 / ESE	16, 18	16, 12	November.
5·0	6·0	6·4	6·3	6·7	6·8	6·7	6·1	12·3	0·4	28 / N	9	19	December.
..	..	..	..	..	..	..	..	..	..	..	..	..	*Year.*

TABLE IX.—Mean hourly and extreme wi

Hours (I.S.T.) Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
																BARODA (Ht.—72
January	1·2	1·2	0·7	0·9	0·9	0·8	1·1	1·6	2·1	2·4	3·2	2·6	2·9	3·3	2·7	2·3
February	1·6	1·6	1·3	0·9	0·8	0·8	0·9	1·1	2·3	4·1	4·5	4·0	4·6	4·4	4·0	3·9
March	1·8	1·7	1·5	1·1	1·3	0·8	0·9	1·5	2·5	3·2	2·8	2·4	2·8	3·0	3·1	3·4
April	2·9	2·3	1·5	1·2	1·1	1·3	1·0	2·4	3·1	2·7	3·2	3·0	3·5	3·9	4·2	3·7
May	5·1	4·4	4·2	3·8	3·0	2·5	3·1	4·7	5·2	4·8	4·8	4·7	4·3	5·6	5·4	5·4
June	6·8	5·8	5·0	4·0	2·8	2·4	2·7	4·9	5·2	4·9	6·1	5·8	6·0	6·5	6·7	6·7
July	3·3	2·8	2·3	1·9	1·6	1·5	1·5	2·5	3·5	4·5	5·1	4·6	4·4	4·8	5·6	5·9
August	2·9	3·1	2·3	2·2	1·8	2·4	2·5	2·8	3·3	3·6	3·7	4·2	3·8	4·2	4·7	4·2
September	2·3	1·8	1·3	1·0	0·6	0·8	0·5	1·9	2·7	3·2	3·6	3·5	3·2	2·7	3·4	3·3
October	2·4	1·5	2·2	1·7	1·6	1·5	1·5	3·2	4·3	3·9	3·6	2·9	3·2	3·5	4·2	3·0
November	1·3	1·2	1·4	1·3	1·7	1·5	1·9	3·2	3·9	3·8	3·5	2·6	2·7	2·5	1·8	1·6
December	2·2	1·6	1·5	1·1	1·4	2·1	2·1	3·3	3·4	3·6	3·8	3·1	3·4	2·9	3·1	2·9
Year	2·8	2·4	2·1	1·8	1·5	1·5	1·6	2·8	3·5	3·7	4·0	3·6	3·7	3·9	4·1	3·9
																BOMBAY* (Colaba) (Ht.—85
January	5·5	5·2	5·4	5·6	6·5	6·7	6·9	6·5	7·1	7·1	6·5	6·2	6·8	8·0	9·5	10·3
February	5·7	5·3	5·3	5·4	5·7	5·5	5·9	6·9	7·3	7·1	6·7	7·6	9·5	10·2	11·2	11·7
March	5·7	5·4	5·6	5·1	4·3	4·7	4·7	4·4	5·1	5·4	6·3	9·2	10·4	11·8	12·5	13·0
April	4·2	3·0	2·4	2·3	2·3	3·1	3·4	3·8	4·3	5·2	7·3	8·8	10·4	12·1	13·2	13·3
May	6·4	5·7	5·7	4·9	4·6	4·4	4·7	5·2	5·8	7·0	8·7	9·5	10·9	11·9	13·4	13·8
June	10·1	9·6	9·7	10·0	9·3	8·4	8·9	8·5	8·1	8·5	9·4	8·7	8·6	9·8	10·0	10·3
July	11·7	11·8	12·6	12·2	12·9	13·3	12·4	12·7	12·2	12·1	12·6	13·1	13·5	13·5	13·4	13·7
August	10·3	10·9	10·4	9·8	10·5	9·8	10·1	10·4	10·1	10·1	9·8	10·5	11·0	11·3	11·6	11·7
September†	8·2	8·6	8·2	8·1	8·3	7·6	7·4	8·3	8·6	9·1	9·2	9·6	9·9	10·6	10·6	10·8
October	3·0	2·9	3·3	3·0	2·9	3·3	3·5	4·1	4·6	4·0	3·9	5·4	6·2	7·3	8·3	8·4
November	1·5	2·4	3·1	3·9	4·8	5·0	5·7	5·6	6·0	5·6	4·2	2·9	2·9	4·1	5·8	6·9
December	2·1	2·3	2·5	3·5	4·0	4·0	4·6	4·9	5·2	5·1	4·2	2·7	4·7	6·5	7·7	8·7
Year	6·2	6·1	6·2	6·1	6·3	6·3	6·5	6·8	7·0	7·2	7·4	7·9	8·7	9·8	10·6	11·1

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

†Mean of 27 days.

cities (m.p.h.) at 17 stations for the year 1949—*contd.*

18	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Highest maximum Vel. / Dn.	Highest maximum Date.	Highest maximum Hours.	Hours (I.S.T.) Month.
0·9	0·6	1·2	1·1	1·3	1·7	1·6	1·7	14·1	0·1	24 / NNE	27	15	January.
2·3	0·8	1·0	1·6	1·7	1·4	1·1	2·3	18·9	0·1	34 / E	27	10	February.
2·4	0·8	1·0	1·2	1·1	1·4	1·5	1·9	17·6	0·1	24 / SSW	31	9	March.
3·3	2·3	3·0	3·5	4·0	4·0	3·1	2·9	20·5	0·4	30 / SSW	21	21	April.
6·6	6·5	6·2	7·5	7·6	7·4	6·7	5·2	28·7	1·3	40 / SSW	26	21	May.
8·3	9·3	10·1	9·9	9·4	9·0	8·0	6·4	30·3	1·5	32 / WSW	18	15	June.
6·7	7·1	5·5	5·3	4·1	3·8	3·4	4·1	29·6	0·5	48 / WSW	19	15	July.
5·5	5·2	4·3	4·5	3·7	4·3	4·6	3·7	23·8	1·2	40 / SSW	4	11	August.
3·4	3·1	3·4	2·9	3·5	4·2	2·9	2·5	21·1	0·9	42 / E	21	19	September.
1·1	1·8	1·8	1·8	1·9	2·0	2·4	2·5	15·2	0·1	32 / E	11	15	October.
0·5	1·1	2·0	0·8	0·8	1·3	1·7	1·9	13·5	0·2	36 / NW	21	20	November.
1·1	1·5	1·9	1·6	1·9	1·7	2·2	2·3	13·3	0·4	22 / ENE	25	11	December.
3·5	3·3	3·5	3·5	3·4	3·5	3·3	3·1	20·5	0·6	48	..	..	*Year.*
10·5	10·6	9·9	8·8	6·7	6·2	5·6	7·4	18·3	0·6	31 / NNW	3	14	January.
10·8	10·5	10·2	8·5	7·5	7·1	6·6	7·9	21·3	0·4	29 / NNW	6·6	17	February.
11·9	10·7	9·4	7·6	5·8	5·7	5·2	7·6	22·4	0·1	32 / NNW	14	15	March.
11·4	9·7	7·8	6·0	5·6	5·4	5·2	6·8	22·4	0	29 / NW	5	15	April.
12·6	11·3	10·4	9·8	8·7	7·6	6·5	8·5	25·9	0·5	51 / SSE	29	20	May.
8·9	9·2	8·6	7·8	8·3	8·2	8·6	9·0	24·9	0	44 / S	1	10	June.
13·0	12·3	12·3	12·3	11·9	11·5	11·7	12·6	33·6	0·1	47 / W	12	3	July.
11·5	10·3	9·8	10·1	10·1	10·3	10·0	10·5	28·8	0·3	46 / SW	5	2	August.
10·4	9·6	8·8	8·4	7·9	7·0	8·0	8·9	27·9	0·1	54 / WSW	22	14	September.†
7·3	5·7	4·9	4·5	3·5	3·5	3·1	4·8	19·4	0	35 / WNW, W	20, 22	20, 22	October.
7·5	7·2	6·6	5·4	3·4	2·4	1·4	4·7	15·0	0	21 / NNW	25	18	November
9·1	9·0	8·2	6·9	5·0	4·1	3·1	5·3	17·2	0	23 / NNW	9, 13	19, 15	December.
10·4	9·7	8·9	8·0	7·0	6·6	6·3	7·8	23·1	0·2	54	..	..	*Year.*

Table IX.—Mean hourly and extreme win

Hours (I.S.T.) Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
														BOMBAY (JUHU) (Ht.—59 ft.).			
January	1·4	2·0	2·0	2·6	2·4	3·0	2·7	4·3	5·0	6·0	5·6	8·6	9·1	10·2	11·2	11·5	11
February	3·0	2·3	2·3	1·7	2·3	2·5	3·3	4·4	6·5	7·6	7·9	9·9	11·7	12·7	13·4	13·9	13
March	2·3	2·1	2·2	1·8	2·0	1·4	1·0	2·8	4·5	6·6	9·5	11·5	13·1	14·1	14·6	14·4	14
April	2·3	1·7	0·8	0·5	0·8	0·7	1·0	2·8	4·9	7·9	10·8	11·9	12·9	13·4	14·1	14·1	13
May	4·9	4·7	3·9	3·9	3·1	2·2	3·0	5·1	7·3	9·0	10·7	12·0	12·7	12·8	14·1	14·0	13
June	7·1	7·4	6·4	6·7	7·0	5·9	6·3	7·6	7·8	9·3	9·0	10·8	11·7	11·9	11·2	11·8	11
July	11·7	13·5	12·9	12·2	14·1	13·5	13·6	13·3	14·7	14·1	14·8	14·8	16·5	15·5	14·5	14·3	14
August	9·5	10·9	10·6	10·6	10·0	9·2	9·1	10·1	11·0	10·8	12·8	13·2	12·7	12·9	13·3	13·1	1
September	6·7	6·6	6·4	6·0	6·5	5·7	6·5	6·5	7·9	8·5	8·7	10·0	10·5	10·4	10·7	11·4	
October	1·6	1·7	2·2	1·5	1·9	2·2	2·7	3·5	4·7	5·3	6·4	8·6	10·0	11·3	11·6	11·9	10
November	1·0	1·6	1·8	1·2	2·2	2·0	2·8	4·2	6·1	6·3	6·6	7·5	8·2	9·2	10·5	11·1	1
December	0·8	0·6	0·7	1·1	1·5	1·6	1·7	2·8	3·8	5·1	6·4	7·6	8·9	11·0	12·0	12·1	1
Year	4·3	4·6	4·3	4·1	4·5	4·1	4·5	5·6	7·0	8·0	9·1	10·5	11·5	12·1	12·6	12·8	1
															POONA (Ht.—130 ft)		
January	3·7	3·7	3·5	2·9	3·3	2·4	2·7	2·2	1·5	2·9	5·5	5·9	6·4	6·4	6·2	6·6	
February	3·4	4·0	4·6	4·9	4·0	4·4	5·1	3·5	2·6	3·7	6·6	3·7	8·2	8·0	8·6	8·1	
March	5·4	6·0	5·7	4·5	5·0	5·0	5·2	3·8	1·8	2·8	5·9	5·9	5·5	6·3	7·0	8·0	
April	7·6	5·9	6·6	7·4	6·6	5·0	5·6	4·3	4·2	6·5	7·5	8·3	8·8	9·2	9·0	11·6	1
May	6·8	5·1	5·4	3·8	4·2	4·4	4·0	5·4	6·2	6·3	7·0	8·2	9·8	10·4	11·0	12·4	1
June	7·3	7·3	6·8	6·3	6·4	5·7	5·9	9·2	11·3	11·7	11·4	13·4	13·6	14·0	15·1	15·3	1
July	6·1	7·9	7·6	8·1	6·5	7·4	7·2	7·8	11·6	12·8	14·2	14·9	14·8	16·6	16·3	15·6	1
August	7·9	7·9	7·2	7·4	7·4	7·5	6·8	7·6	9·3	11·3	11·8	12·8	13·5	14·0	15·2	14·5	1
September	7·0	7·4	7·6	7·1	6·7	6·6	6·9	7·4	9·8	11·1	11·8	12·3	12·3	14·3	14·8	14·7	1
October	3·2	3·0	2·8	3·3	2·9	2·7	3·2	3·1	3·3	4·2	5·7	6·1	6·2	7·3	8·6	9·3	
November	3·3	3·9	3·2	3·1	3·2	2·3	2·6	0·9	1·6	4·6	7·0	7·3	7·4	6·6	6·6	5·8	
December	3·5	3·4	3·8	3·2	3·9	3·0	2·7	1·7	0·4	2·1	4·3	5·1	5·0	5·1	5·5	5·5	
Year	5·6	5·5	5·4	5·2	5·0	4·7	4·8	4·7	5·3	6·7	8·2	8·7	9·3	9·9	10·3	10·6	1

ɔcities (m.p.h.) at 17 stations for the year 1949—*contd.*

18	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Highest maximum. Vel. / Dn.	Highest maximum. Date.	Highest maximum. Hour.	Hours (I.S.T.). Month.
9·8	7·8	7·3	7·0	4·1	2·0	1·8	5·8	12·1	0·2	29 / NNW	3	17	January.
11·5	9·1	7·3	6·3	3·8	3·3	3·3	6·8	14·9	0·1	27 / NW	22	14	February
12·6	10·7	8·8	5·9	3·2	2·3	3·0	6·9	16·2	0	30 / NW	14,26	16 ,17	March.
12·2	9·8	7·5	4·9	3·8	4·3	3·7	6·7	15·2	0·1	27 / WNW	5, 9	15, 15	April.
12·0	10·5	8·6	9·1	6·6	6·0	4·9	8·1	15·4	1·0	41 / SSE	30	19	May.
10·8	9·4	9·1	8·2	7·6	7·7	7·0	8·7	14·6	2·5	39 / SSE	1	10	June.
14·5	13·7	12·9	12·6	13·6	12·3	12·9	13·8	19·7	7·7	47 / W	1	11	July.
12·4	11·7	10·1	10·5	9·6	10·0	9·6	11·1	16·4	4·8	46 / SSW	4	18	August.
10·5	8·4	7·0	7·0	7·4	5·2	5·4	7·8	14·9	1·3	50 / NW, SSW	22, 22	7, 17	September.
8·4	5·2	3·3	2·1	2·2	1·3	1·3	5·1	13·7	0	28 / WSW	11	5	October.
9·2	7·4	5·8	4·8	1·9	0·4	0·2	5·1	12·3	0	24 / ENE	16	6	November.
9·3	8·0	7·8	6·7	3·7	1·5	1·1	5·3	13·0	0	24 / NW	11	16	December.
11·1	9·3	8·0	7·1	5·6	4·7	4·5	7·6	14·9	1·5	50 / NW, SSW	..	..	*Year.*
6·1	6·0	5·5	4·1	3·8	3·9	3·6	4·4	10·5	0·2	23 / SSE	17	13	January.
8·3	7·7	7·3	5·1	4·1	4·0	4·2	5·5	18·1	0·4	31 / WNW	4	13	February.
10·6	10·4	9·3	7·3	6·2	4·7	4·0	6·1	12·3	0·8	39 / SW	28	17	March.
13·9	13·8	11·8	10·1	8·5	7·5	7·2	8·3	15·0	2·3	36 / WNW	20	16	April.
13·0	11·3	9·2	7·1	7·5	7·1	6·8	7·7	15·8	0·8	42 / W	31	16	May.
15·1	12·6	11·4	10·0	9·0	8·2	7·6	10·4	15·8	4·3	43 / WSW	1	13	June.
14·7	12·4	10·7	9·7	8·7	8·6	7·7	11·0	16·6	4·6	41 / WNW	7	12	July.
13·6	11·1	9·7	9·2	8·8	8·3	8·3	10·2	19·7	2·6	43 / NW	14	17	August.
12·7	10·5	9·5	8·8	8·0	8·1	7·5	9·9	15·3	4·8	32 / WNW	10	13	September.
8·4	6·6	6·0	4·2	4·6	4·1	3·8	5·0	11·2	0·4	34 / W	16	15	October.
3·6	4·5	4·7	3·8	4·4	4·8	3·6	4·3	18·1	0·5	29 / SE	18	15	November.
5·7	5·6	3·8	3·5	3·1	4·7	3·8	3·9	16·5	0·3	21 / ESE	18	12	December
10·5	9·4	8·2	6·9	6·4	6·2	5·7	7·2	15·4	1·8	43	..	..	*Year.*

Table IX.—Mean hourly and extreme wind

Hours (I. S. T.) Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
													HYDERABAD (Begumpet) (Ht.—59 ft.)				
January	0·5	0·5	0·5	0·3	0·5	0·4	0·5	0·7	1·8	2·9	4·1	4·5	4·4	3·9	3·5	3·4	3·2
February	0·6	0·8	0·7	0·9	0·5	0·6	0·9	0·9	1·7	2·8	3·2	3·5	3·5	3·3	3·2	2·7	2·5
Marc	0·8	0·8	1·0	0·7	0·7	0·4	1·3	1·1	1·7	2·9	3·1	3·6	3·2	3·4	3·2	2·9	2·7
April	1·2	1·7	1·6	1·3	1·4	1·1	1·7	2·1	3·2	3·8	4·0	3·7	3·4	3·1	2·8	2·8	2·7
May	3·0	4·0	4·2	3·9	4·0	3·3	3·8	4·5	5·5	5·2	5·5	5·2	5·4	4·9	5·1	5·1	5·2
June	7·0	7·3	7·0	7·5	7·1	7·3	7·4	8·6	9·2	8·8	8·6	8·2	8·2	7·2	6·5	6·8	5·
July	6·4	6·5	6·5	6·6	6·0	6·0	7·1	8·4	9·1	9·0	9·3	8·9	8·3	7·8	7·4	6·7	6·
August	5·5	6·2	6·0	6·0	5·3	5·5	5·4	6·2	7·3	7·7	7·4	7·4	7·5	6·7	6·6	6·5	5·
September	3·9	4·1	4·3	5·0	4·7	4·5	4·7	6·2	7·4	7·7	8·1	7·7	7·4	7·1	6·2	5·2	4·
October	0·7	0·5	0·7	0·5	0·8	0·7	0·8	1·3	2·0	2·8	3·7	3·9	3·7	4·5	3·6	3·1	2·
November	0	0	0	0	0	0	0	0	1·6	2·3	2·5	2·6	2·7	2·7	2·5	2·5	1·
December	0	0	0	0	0	0	0	0	0·3	1·0	1·6	2·0	1·3	1·7	1·5	1·0	1·
Year	2·5	2·7	2·7	2·7	2·6	2·5	2·8	3·3	4·2	4·7	5·1	5·1	5·0	4·7	4·3	4·1	3·
													†BANGALORE (Ht.—66 ft.)				
January	5·3	4·8	4·7	4·5	4·7	4·4	4·2	5·8	6·9	7·9	8·2	8·0	7·7	7·6	7·4	6·8	6·
February	4·4	3·8	2·7	2·7	2·8	3·0	2·5	3·9	4·9	6·0	6·2	6·3	6·6	6·9	6·3	6·0	5·
March	3·5	2·6	2·1	2·0	2·3	2·6	2·5	3·9	4·6	5·5	5·5	6·3	6·5	6·4	6·6	6·3	5·
April	4·9	4·4	4·7	4·2	3·5	3·6	3·7	4·2	4·4	4·7	4·6	4·1	3·9	3·3	4·3	3·8	3·
May	4·6	4·5	3·8	4·0	3·0	2·8	3·7	5·1	5·1	5·3	5·4	5·7	4·9	4·2	4·7	5·3	5·
June	5·7	5·5	5·3	5·0	5·2	5·2	6·1	6·9	7·6	7·9	7·9	8·2	7·6	8·2	7·6	7·9	7·
July	5·3	5·2	5·0	5·5	5·1	5·1	5·1	6·2	7·3	7·7	8·2	8·1	7·9	8·2	6·6	7·7	7·
August	5·1	5·4	5·1	5·1	4·8	4·5	4·7	5·7	6·7	7·2	8·0	7·6	7·6	7·3	7·2	6·9	5·
September	5·8	5·2	5·5	5·6	5·1	5·3	5·9	7·1	8·6	8·9	9·5	9·8	9·8	9·2	8·3	7·2	6·
October	1·8	2·0	1·8	2·1	1·8	1·9	2·2	2·9	3·4	3·7	3·6	3·2	3·3	4·2	4·0	3·9	2·
November	3·1	3·1	2·3	2·3	2·3	2·5	3·2	4·9	6·0	6·2	6·3	6·6	6·5	6·1	5·4	5·5	4·
December	5·2	4·3	4·3	4·1	4·2	4·0	3·9	6·5	7·9	7·5	7·5	6·8	6·6	6·6	6·6	5·6	4·
Year	4·6	4·2	3·9	3·9	3·7	3·7	4·0	5·3	6·1	6·5	6·7	6·7	6·6	6·5	6·3	6·1	5·

† Hours in this case refer to L.M.T.

cities (m.p.h.) at 17 stations for the year 1949—*contd.*

	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Highest maximum. Vel. / Dn.	Highest maximum. Date.	Highest maximum. Hour.	Hours (I.S.T.). Month.
3·2	2·1	1·4	0·6	0·7	0·7	0·7	1·9	4·5	0·3	22 / ESE	31	10	January.
1·8	1·2	1·0	0·7	0·6	0·5	0·5	1·6	3·5	0·5	30 / WNW	6	4	February.
2·3	1·9	1·1	1·1	1·7	1·6	1·5	1·9	3·6	0·4	30 / NNW	30	22	March.
2·8	2·1	1·9	1·2	1·3	1·4	1·4	2·2	4·0	1·1	47 / N	2	19	April.
5·1	4·2	3·5	3·0	3·9	3·0	3·1	4·3	5·5	3·0	42 / E	23	17	May.
4·8	4·8	2·7	3·8	5·9	5·7	6·5	6·8	9·2	2·7	40 / WNW	8	24	June.
5·5	4·8	2·9	3·7	4·2	4·8	5·7	6·6	9·3	2·9	43 / W	31	19	July.
4·1	2·5	2·4	2·7	3·5	3·8	5·1	5·5	7·7	2·4	34 / W	14	16	August.
2·4	2·1	1·9	2·5	2·1	3·2	3·0	4·8	8·1	2·1	31 / WSW	24	4	September.
1·0	0·8	0·9	0·7	0·6	0·8	0·5	1·7	4·5	0·5	30 / NNW	28	3	October.
0·2	0	0·1	0	0	0·1	0	0·9	2·7	0·1	26 / N	3	13	November.
0·3	0·2	0·1	0·1	0	0	0	0·5	2·0	0·1	19 / SE	4	.	December.
2·8	2·2	1·7	1·7	2·0	2·1	2·3	3·2	5·4	1·3	47	..	..	*Year.*
5·2	5·0	5·4	5·6	5·5	5·8	5·7	6·0	21·4	2·2	38 / N	6	12	January.
4·5	4·2	4·5	4·9	5·1	4·7	5·0	4·7	20·6	1·0	49 / NE	28	11	February.
5·3	4·4	4·3	5·4	5·4	4·6	4·0	4·5	21·9	0·5	36 / NNW	15	15	March.
2·9	2·5	3·5	3·8	4·2	4·5	4·3	4·0	20·9	0	36 / NW	21	11	April.
4·8	3·4	3·5	4·0	3·6	4·3	4·7	4·4	25·3	0·8	49 / ESE	2	17	May.
6·7	7·1	6·8	6·1	6·0	5·7	5·4	6·6	25·9	2·1	36 / WSW	7	14	June.
5·8	5·2	5·5	5·5	5·7	5·2	5·3	6·2	27·1	2·2	46 / NW	9	17	July.
4·0	4·2	4·1	4·6	5·3	5·2	4·7	5·7	23·4	2·1	33 / W	14	15	August.
6·1	5·7	5·3	5·0	5·3	5·2	5·6	6·7	25·4	2·8	44 / W	22	13	September.
0·8	1·3	1·9	2·2	1·5	1·9	1·7	2·5	17·6	0·2	29 / N	17	11	October.
3·3	3·8	3·9	3·8	3·4	3·3	3·3	4·2	18·3	0·6	31 / NE	26	11	November.
2·8	3·2	3·9	3·9	4·1	4·7	5·1	5·2	19·7	1·4	26 / NE	25	10	December.
4·4	4·2	4·4	4·6	4·6	4·6	4·6	5·1	22·3	1·3	49 / NE, ESE	..	..	*Year.*

Table IX.—Mean hourly and extreme wi

Hours (I. S. T.) Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
													MADRAS (Nungumbakkam) (Ht.—76			
January	3·6	3·1	3·2	3·1	3·3	3·2	3·0	3·8	5·7	5·8	10·0	10·4	10·8	10·4	10·3	9·9
February	2·7	2·7	2·5	2·5	2·5	2·4	2·4	3·4	4·6	5·3	6·4	7·5	8·5	8·1	8·6	8·2
March	3·5	3·3	3·3	3·5	3·3	3·3	3·5	3·6	7·4	7·6	9·0	10·3	10·7	11·1	10·7	10·7
April	5·1	4·3	3·4	3·2	3·2	3·1	4·0	6·8	7·9	8·1	9·6	11·3	12·1	13·4	12·5	12·7
May	6·1	6·8	6·3	6·0	6·3	6·0	7·0	9·0	9·1	9·6	10·6	10·6	12·3	13·0	14·0	13·0
June	5·6	6·3	6·2	5·8	5·9	5·6	6·5	8·1	9·2	9·5	9·8	9·9	9·0	9·3	9·3	8·7
July	6·0	5·8	5·5	4·7	4·3	4·4	5·0	6·0	6·9	7·6	8·4	9·1	8·7	8·6	7·9	8·2
August	4·9	5·3	4·8	4·1	4·0	3·6	3·4	4·5	5·9	7·0	7·4	8·0	8·0	7·4	7·0	6·5
September	6·1	6·1	5·9	5·0	5·0	4·4	4·7	6·0	7·5	8·7	9·2	8·7	8·7	7·7	7·0	6·4
October	2·5	2·6	2·4	2·6	3·1	3·0	4·1	5·9	6·4	6·4	6·8	7·5	8·0	8·0	8·2	8·0
November	2·9	2·5	2·3	2·2	2·5	3·0	3·2	5·0	7·2	8·5	9·7	9·6	9·6	10·0	10·0	10·3
December	2·2	2·0	2·5	2·1	2·4	2·7	3·1	4·8	6·1	8·1	8·8	9·3	9·8	9·6	9·9	8·9
Year	4·3	4·2	4·0	3·7	3·8	3·7	4·2	5·7	7·0	7·9	8·8	9·3	9·7	9·7	9·6	9·3
													VIZAGAPATAM (Ht.—53 f			
January	..	..	..	..	..	..	..	..	..	*1·7*	2·5	3·3	3·7	3·7	3·7	2·9
February	*1·0*	*1·1*	..	..	*1·1*	..	*1·4*	..	2·6	*2·5*	4·0	5·3	5·7	5·7	5·5	4·8
March	*1·8*	.	..	..	..	..	..	*1·6*	*2·7*	*4·3*	6·6	*7·5*	*7·8*	*7·4*	*7·3*	*6·0*
April	*3·1*	*3·1*	*3·3*	*3·1*	*2·7*	*2·7*	*2·9*	*4·3*	*4·2*	*5·3*	6·9	7·6	8·0	7·8	6·4	*5·5*
May	*4·1*	*4·6*	*3·8*	*4·2*	3·7	3·4	4·0	4·7	*6·0*	*7·5*	8·5	8·9	9·2	8·9	8·6	7·6
June	4·1	3·6	4·1	4·3	3·8	3·8	4·6	5·8	6·2	6·7	7·5	7·6	8·4	9·0	8·4	7·5
July	*5·0*	*4·4*	*4·9*	*4·8*	*4·5*	*4·5*	*4·1*	*5·5*	*6·0*	6·7	7·0	7·6	7·1	*7·1*	6·5	*6·3*
August	2·6	2·3	2·8	3·1	3·3	3·5	3·5	4·2	4·8	5·1	6·4	7·6	7·4	7·0	6·6	6·6
September	2·8	2·5	2·9	2·9	3·2	3·4	4·1	4·1	4·6	4·7	5·5	6·6	7·2	7·9	8·2	6·4
October	2·7	*2·5*	*2·4*	2·9	*2·7*	2·3	2·2	2·2	3·8	5·0	5·5	5·9	*6·9*	*6·6*	*6·5*	*5·5*
November	1·0	1·3	1·4	1·6	1·8	1·8	2·2	2·8	3·1	4·5	5·2	5·7	5·8	5·6	5·2	4·5
December	1·1	1·2	1·4	1·5	1·3	1·5	1·7	1·3	2·0	3·6	5·3	6·0	6·3	6·0	6·1	5·3
Year	..	..	..	..	..	..	..	..	..	4·8	5·9	6·6	7·0	7·0	6·6	5·7

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

cities (m.p.h.) at 17 stations for the year 1949—*contd.*

8	19	20	21	22	23	24	Mean.	Mean Max.	Mean Min.	Highest maximum. Vel. / Dn.	Date.	Hour.	Hours (I.S.T.). Month.
7·8	6·4	5·3	4·2	4·1	3·6	3·3	6·1	22·6	0	29 / NE	8	14	January.
6·4	5·0	4·0	3·5	3·1	3·0	2·6	4·8	19·3	0·1	27 / NNE	1	16	February.
8·7	7·1	5·9	5·7	5·2	4·7	4·5	6·6	23·0	0·4	30 / SE	28	13	March.
10·3	8·8	8·6	8·3	7·6	6·4	5·9	7·9	26·2	0·1	33 / SE, SSE	27, 28, 29	12, 14, 15	April.
11·1	10·8	9·5	8·8	8·0	7·1	6·5	9·1	28·2	0·7	42 / SW	27	21	May.
8·6	8·5	8·2	7·6	6·9	6·9	5·7	7·7	26·9	2·1	49 / SW	2	22	June.
7·2	7·4	6·2	6·9	6·6	[illegible]	6·3	6·7	27·2	1·6	41 / WSW	12	19	July.
5·7	4·8	4·5	3·9	4·0	4·5	4·3	5·4	26·0	0	38 / SSW	9	1	August.
4·6	4·6	4·2	4·5	4·2	4·7	5·3	6·0	25·3	0·7	40 / WSW	20	19	September.
5·5	4·8	3·8	3·6	3·1	3·0	2·6	5·0	21·6	0·7	32 / SSW, WSW	8, 28	11, 16	October.
7·5	5·6	4.9	3·9	4·0	3·6	3·3	5·9	25·4	0·1	39 / N	15	14	November.
6·5	4·6	3·8	3·4	3·2	2·8	2·7	5·2	22·2	0·6	30 / NNE	15, 16, 24	11, 13, 14	December.
7·5	6·5	5·6	5·4	5·0	4·7	4·4	6·4	24·5	0·6	49	..	..	*Year.*
1·8	1·4	1·0	..	..	..	..	..	..	..	..	..	..	January.
2·1	*1·7*	*1·6*	*1·5*	*1·4*	..	..	..	..	..	..	..	..	February.
3·1	*2·8*	*2·9*	*2·3*	*2·3*	*2·2*	*2·4*	..	..	..	..	..	..	March.
3·3	*3·1*	*3·4*	*3·4*	*4·1*	*4·0*	*4·0*	*4·4*	*19·5*	*0*	31 / S	29	13	April.
5·5	4·8	4·6	*5·5*	[illegible]	*4·3*	5·1	*5·8*	*24·5*	0	49 / N	8	2	May.
5·9	5·7	3·8	3·8	3·7	*4·0*	4·0	*5·5*	*25·3*	0	43 / WNW	3	5	June.
5·3	4·1	4·3	4·0	3·7	4·6	4·4	*5·3*	*24·0*	*1·6*	37 / WSW	19	9	July.
4·7	3·7	3·5	2·6	2·4	2·3	2·5	4·3	23·0	0·8	51 / NW	18	18	August.
4·1	3·7	3·8	3·2	3·5	3·1	3·4	4·4	25·0	0·9	49 / W	20	13	September.
4·2	*4·2*	*4·2*	*4·1*	*3·8*	*3·6*	*3·5*	*4·1*	*15·6*	*1·0*	49 / NNE	26	18	October.
2·3	1·9	1·6	1·5	1·2	0·9	0·9	2·8	14·6	0·2	22 / NE, NNE	15, 16	12	November.
2·7	2·4	1·6	1·0	1·0	1·1	1·1	2·8	13·5	0·3	19 / ENE	15	12	December.
3·8	3·3	3·0	..	..	..	..	..	..	..	..	..	..	*Year.*

Table IX.—Mean hourly and extreme wind

Hours (I. S. T.) Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
														KODAIKANAL (Ht.—49 ft.)			
January	8·9	8·9	8·8	8·8	8·8	9·7	10·4	11·1	11·2	11·1	10·8	10·3	9·6	8·3	7·8	7·3	6·
February	8·4	9·0	9·0	8·6	8·8	9·0	9·8	10·2	10·7	11·2	11·3	9·8	9·0	7·9	7·2	6·3	5·
March	11·4	11·3	11·6	11·9	11·9	11·2	12·1	11·7	9·5	13·0	13·3	12·4	10·6	9·7	9·0	7·8	8·
April	7·9	8·0	8·3	7·7	8·2	8·9	8·9	9·9	9·9	10·1	9·7	10·1	8·2	7·6	7·6	6·4	4·
May	9·5	10·5	8·8	9·3	8·7	9·0	9·4	9·0	9·2	8·8	9·6	9·0	9·3	8·7	7·0	8·3	7·
June	10·5	10·5	10·0	9·8	9·2	9·4	9·1	9·5	8·2	8·8	8·5	7·8	7·4	6·8	8·1	7·4	8·
July	10·6	10·2	11·1	10·2	10·2	9·8	9·3	9·8	9·2	9·5	8·2	7·6	8·5	8·0	7·9	9·3	9·
August	10.8	9·9	10·0	10·3	10·2	9·9	9·2	8·5	8·7	8·3	7·7	6·9	7·0	5·9	6·3	6·9	7·
September	14·0	13·4	13·5	13·6	13·2	14·0	13·8	12·5	11·2	11·2	10·5	10·1	8·8	9·1	8·8	9·8	10·
October	6·7	6·7	6·1	6·2	6·7	6·9	7·1	6·7	6·7	6·7	6·2	5·3	5·0	4·4	5·2	5·2	5·
November	9·1	9·4	10·4	10·0	9·4	9·5	10·4	10·2	9·4	9·6	9·4	9·2	8·9	8·5	6·5	6·7	6·
December	11·1	10·6	10·0	10·8	10·8	11·0	11·4	10·7	11·2	10·7	10·6	10·0	9·3	8·4	7·7	7·0	6·
Year	9·9	9·9	9·8	9·9	9·7	9·9	10·1	10·0	9·6	9·9	9·7	9·0	8·4	7·8	7·4	7·4	7·

ties (m.p.h.) at 17 stations for the year 1949—*contd.*

	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Highest maximum. Vel. / Dn.	Highest maximum. Date.	Highest maximum. Hour.	Hours (I.S.T.) Month.
·7	7·4	7·9	8·1	8·4	8·6	8·4	8·9	16·5	3·0	33 / SSE	26	8	January.
·8	4·6	5·7	6·0	6·9	8·3	8·4	8·2	17·9	1·9	32 / NNE	28	12	February.
·5	4·3	8·2	7·8	8·6	10·5	10·6	10·2	20·7	3·7	37 / E	13	11	March.
·1	6·3	6·5	6·1	6·9	8·2	8·2	7·9	17·8	1·9	32 / NE	29	22	April.
·6	9·0	8·0	9·0	8·9	8·6	9·2	8·9	21·2	2·3	42 / NNE	3	17	May.
·5	9·0	9·7	9·8	9·9	8·9	10·8	9·0	21·1	1·8	42 / W	23	20	June.
·9	10·8	9·6	10·0	10·1	10·4	10·4	9·6	25·7	2·6	44 / W	12	21	July.
·2	7·9	7·8	8·3	8·6	8·7	9·0	8·4	22·6	2·2	43 / WNW	14	19	August.
·1	11·0	11·6	12·0	11·4	11·2	13·7	11·6	30·0	2·4	61 / WNW	22	2	September.
·2	6·0	6·1	6·4	6·5	6·5	6·3	6·1	16·5	1·8	44 / NW	27	10	October.
·2	8·4	8·6	9·0	8·4	8·5	8·1	8·8	21·0	2·4	41 / NE	27	1	November.
·9	8·5	9·6	9·0	10·0	9·9	10·1	9·8	20·2	3·4	34 / ENE	14	9	December.
·1	7·8	8·3	8·5	8·7	9·0	9·4	8·9	20·9	2·5	61	..	..	*Year.*

Table IX A—Frequency of the number of hours when wind speed was within specified limits at 17 stations for the year 1949.

Wind speed (m.p.h.) Month.	0-1 Calm.	1-1-3.	3-1-11.	11-1-27.	27-1-33.	>33.	No record.
DUM DUM.							
January	145	333	257	9	..	..	..
February	73	233	315	51	..	..	..
March	22	154	439	128	..	1	..
April	4	55	272	388	..	1	..
May	33	112	381	215	..	3	..
June	71	113	376	158	2	..	..
July	81	114	459	90	..	..	..
August	124	142	421	57	..	..	..
September	161	179	353	27	..	..	..
October	242	229	258	15	..	..	..
November	222	189	286	23	..	..	..
December	303	222	207	10	..	..	2
Year	1,481	2,075	4,024	1,171	2	5	2
CALCUTTA.							
January	380	44	315	4	..	..	1
February	153	37	448	34	..	..	..
March	59	59	524	102	..	..	..
April	19	19	438	244	..	..	..
May	40	38	487	178	1	..	..
June	41	40	550	72	..	..	17
July	81	62	521	56	..	..	24
August	96	60	555	33	..	..	..
September	150	77	474	19	..	..	..
October	229	114	388	13	..	..	..
November	246	61	411	2	..	..	..
December	461	68	215	..	..	..	..
Year	1,955	679	5,326	757	1	..	42
GOPALPUR.							
January	17	318	399	1	..	..	9
February	6	158	357	70	..	..	81
March	..	4	230	276	6	..	228
April	2	30	161	491	29	..	7
May	28	31	153	317	13	..	202
June	10	62	347	284	1	..	16
July	12	87	390	225	1	..	29
August	36	105	454	141	..	..	8
September	73	13	212	238	..	..	184
October	66	104	317	105	..	..	152
November	42	218	446	3	..	..	11
December	54	155	521	7	..	..	7
Year	346	1,285	3,987	2,158	50	..	934

Wind speed (m. p. h.) Month.	0-1 Calm.	1-1-3.	3-1-11.	11-1-27.	27-1-33.	<33.	No rec
JAMSHEDPUR.							
January	378	270	71	..	..	..	
February	252	255	160	4	..	..	
March	307	239	169	29	..	..	..
April	184	244	245	45	1	1	..
May	119	234	340	29	..	..	
June	340	182	164	21	..	..	
July	307	207	217	12	..	..	
August	328	211	184	19	..	..	
September	262	257	190	4	..	..	
October	327	262	151	4	..	..	..
November	268	258	135	..	..	..	
December	270	311	129	..	..	..	
Year	3,342	2,930	2,155	167	1	1	
GAYA.							
January	310	192	220	22	..	..	..
February	213	153	248	58	..	..	..
March	187	155	304	89	2	1	
April	85	73	394	168	..	..	..
May	70	87	438	145	4	..	..
June	107	106	380	126	..	..	
July	48	118	473	105	..	..	..
August	67	99	435	142	..	..	
September	128	55	434	90	1	..	
October	176	135	380	53	..	..	..
November	32	173	479	36	..	..	..
December	39	263	419	23	..	..	..
Year	1,462	1,609	4,604	1,057	7	1	
ALLAHABAD (BAMRAULI).							
January	146	387	191	9	..	..	
February	131	240	255	43	..	..	
March	178	209	282	75	..	..	.
April	156	172	327	63	..	..	
May	51	194	431	46	..	..	
June	68	168	343	108	..	..	
July	127	188	366	34	1	..	
August	173	287	261	23	..	..	.
September	217	335	163	5	..	..	.
October	360	216	163	5	..	..	.
November	312	299	107	2	..	..	.
December	248	313	179	4	..	..	.
Year	2,167	3,008	3,068	417	1	..	

ble IX A—Frequency of the number of hours when wind speed was within specified limits at 17 stations for the year 1949—*contd.*

speed . h.) ith.	0-1 Calm.	1-1-3.	3-1-11.	11-1-27.	27-1-33.	>33	No record
			NEW DELHI.				
. .	34	264	387	59	..	..	..
. .	9	130	411	122	..	..	..
. .	15	166	426	137	..	..	..
. .	116	112	349	140	..	..	3
. .	48	123	399	172	2	..	..
. .	54	69	349	244	4	..	..
. .	32	124	448	139	..	1	..
. .	58	167	433	85	..	..	1
r .	144	170	328	77	..	..	1
. .	132	89	465	58	..	..	..
r .	55	120	470	75	..	..	..
r .	21	142	505	74	..	..	2
. .	718	1,676	4,970	1,382	6	1	7
			JODHPUR.				
. .	..	..	..	..	..	..	..
. .	40	85	389	131	..	..	27
. .	110	105	446	67	..	..	16
. .	83	73	426	113	1	..	24
. .	20	67	267	384	..	..	6
. .	19	42	303	350	..	..	6
. .	20	76	317	312	1	..	18
. .	31	63	391	243	..	..	16
er .	35	55	456	174	..	..	..
. .	60	117	502	51	..	..	14
er .	29	72	586	33	..	..	..
er .	35	118	565	25	..	..	1
. .	..	..	..	..	..	..	..
			BARODA.				
. .	327	254	130	..	..	..	33
y . .	239	200	187	2	..	..	44
. .	247	274	167	..	..	..	56
. .	212	242	239	1	..	..	26
. .	78	140	483	23	..	..	20
. .	21	110	505	38	..	..	46
. .	152	180	338	23	..	..	51
. .	52	150	197	8	..	..	337
ber .	36	169	113	1	..	..	401
. .	156	231	201	1	..	..	155
ber .	204	293	120	1	..	..	102
ber .	204	282	189	..	..	..	69
. .	1,928	2,525	2,869	98	..	..	1,340

Wind speed (m. p. h.) Month.	0-1 Calm.	1-1-3.	3-1-11.	11-1-27.	27-1-33.	>33	No record
			BOMBAY (COLABA).				
January . .	6	46	596	95	..	..	1
February . .	7	52	482	131	..	..	..
March . .	23	130	419	170	..	..	2
April . .	46	171	365	138	..	..	..
May . .	44	126	383	179	10	..	2
June . .	9	69	452	189	1	..	..
July . .	..	4	245	492	3	..	..
August . .	12	72	300	360	..	..	..
September .	13	118	310	192	2	..	85
October . .	83	257	354	50	..	..	..
November .	68	236	401	15	..	..	..
December .	34	223	452	35	..	..	..
Year . .	345	1,504	4,759	2,046	16	..	90
			BOMBAY (JUHU)				
January . .	166	65	439	73	..	..	1
February . .	129	79	315	149	..	..	..
March . .	205	74	270	194	..	..	1
April . .	188	70	258	172	..	..	26
May . .	117	47	361	212	..	..	7
June . .	46	34	452	188	..	..	..
July . .	5	7	141	588	3	..	..
August . .	48	30	273	393	..	..	..
September .	66	64	415	174	1	..	..
October . .	206	104	325	85	..	..	24
November .	227	47	365	57	..	..	24
December .	239	75	347	83	..	..	..
Year . .	1,642	696	3,961	2,374	4	..	83
			POONA.				
January . .	167	114	436	16	..	..	11
February* .	..	..	..	..	..	..	..
March . .	39	139	484	67	..	..	15
April . .	42	37	458	148	..	..	35
May . .	44	99	436	165	..	..	..
June . .	4	25	394	297	..	..	..
July . .	20	6	374	340	..	..	4
August . .	17	35	395	297	..	..	..
September .	..	11	475	234	..	..	..
October . .	90	194	414	46	..	..	..
November .	173	87	450	10	..	..	..
December .	145	181	405	5	..	..	8
Year . .	..	..	..	..	..	..	..

*Data not available.

Table IX A—Frequency of the number of hours when wind speed was within specified limits at stations for the year 1949—*contd.*

Wind speed (m. p. h.) Month.	0-1 Calm.	1-1-3.	3-1-11.	11-1-27.	27-1-33.	>33	No record.
HYDERABAD (BEGUMPET).							
January	352	205	187	..	..	..	..
February	341	219	112	..	.	..	..
March	342	218	182	2	.	..	..
April	290	260	160	10	..	..	..
May	221	138	331	54	..	..	..
June	92	84	436	108	..	..	..
July	108	81	461	94	..	..	..
August	194	70	409	69	..	..	2
September	158	102	439	21	..	..	..
October	483	90	167	4	..	..	..
November	547	79	94	..	..	..	..
December	629	68	47	..	..	..	..
Year	3,757	1,614	3,025	362	..	..	2
BANGALORE.							
January	26	64	639	13	..	..	2
February	104	97	462	8	..	..	1
March	134	104	493	13	..	..	..
April	167	74	473	..	..	..	1
May	175	155	385	25	..	..	4
June	5	38	633	39	..	..	5
July	55	78	559	46	..	..	6
August	93	77	545	29	..	..	..
September	31	68	558	63	.	..	..
October	355	138	238	13	.	..	..
November	132	160	417	10	.	..	1
December	59	110	565	4	..	..	6
Year	1,336	1,163	5,972	263	..	..	26
MADRAS (NUNGAMBAKKAM).							
January	..	230	445	66	..	..	3
February	22	280	353	17	..	..	..
March	15	149	500	80	..	..	..
April	24	112	423	161	..	..	..
May	29	70	388	256	1	..	..
June	..	59	587	74	..	..	..
July	6	72	628	38	..	..	..
August	22	194	491	37	..	..	..
September	25	124	526	34	..	..	11
October	80	193	421	25	..	..	25
November	31	210	414	65	..	..	..
December	54	236	392	60	..	..	2
Year	308	1,929	5,568	913	1	..	41

Wind speed (m. p. h.) Month.	0-1 Calm.	1-1-3.	3-1-11.	11-1-27.	27-1-33.	>33.	No
VIZAGAPATAM.							
January	54	224	85	..	..	.	
February	52	277	156	..	..	..	
March	42	207	260	..	..	..	
April	23	204	347	6	..	..	
May	11	176	516	27	..	..	
June	21	211	455	28	..	..	
July	11	179	483	12	..	..	
August	101	229	402	12	..	..	
September	62	325	303	30	..	..	
October	175	258	182	76	..	..	
November	156	321	242	1	..	..	
December	109	387	247	1	..	..	
Year	817	2,998	3,678	198	..	..	
KODAIKANAL.							
January	3	58	526	157	..	..	
February	1	100	430	141	..	..	
March	..	18	437	288	1	..	
April	1	52	553	114	..	..	
May	2	43	521	170	3	..	
June	1	80	416	223	..	..	
July	1	87	382	265	6	..	
August	5	103	415	216	..	..	
September	2	54	336	298	25	5	
October	1	221	440	81	1	..	
November	24	70	401	189	5	..	
December	8	49	392	289	1	..	
Year	49	935	5,249	2,431	42	5	

Table IX B.—Squalls at 12 stations for the year 1949.

DATE.	Time.	Duration.	Speed before the onset of the Squall.	Maximum speed in gust.	Direction change.		Temperature change (°F).			
					From.	To.	Dry Bulb.		Wet Bulb.	
							Before.	After.	Before.	After.
	I.S.T.	Minutes.	m.p.h.	m.p.h.						
				DUM DUM.						
ch 7	18·45	15	1	76	NE	NW	85·3	70·3	68·5	66·1
ch 18	20·59	2	4	58	SE	N	81·6	74·5	74·8	72·7
il 7	19·05	5	16	50	SE	ENE	88·5	82·5	80·1	76·3
il 11	20·35	5	4	42	S	NW	83·3	75·2	76·0	74·4
il 13	21·40	10	4	52	S	NW	81·9	72·8	68·1	65·6
il 14	12·20	5	2	55	SW	NW	89·7	74·6	75·0	72·6
il 26	15·35	5	14	64	SSE	NNE	86·9	77·1	79·0	76·9
y 4	16·30	2	5	58	E	NE	88·6	73·6	77·7	72·5
y 6	16·54	2	9	64	W	NW	87·2	70·7	69·8	64·9
y 12	12·30	18	2	46	S	NNE	..	..	..	..
y 20	19·40	12	1	50	ESE	NNW	84·6	74·8	79·5	73·2
ne 19	16·31	19	0	62	SE	N	95·1	83·1	87·5	80·5
ne 30	14·55	1	6	38	S	NW	88·9	78·9	81·9	78·1
				CALCUTTA.						
nuary 27	21·46	4	9	32	NNE	N	68·6	68·6	63·6	63·6
arch 5	19·12	4	15	44	NW	NW	81·2	77·2	71·8	66·0
arch 7	18·52	5	8	38	SW	N	82·5	77·4	69·5	66·8
arch 18	21·15	5	14	49	SSE	NE	79·8	67·6	75·6	66·0
arch 18	23·35	2	11	49	ESE	NW	68·2	67·2	66·0	65·5
arch 31	18·29	12	7	34	SW	WNW	83·8	82·8	77·6	70·0
pril 4	20·17	10	9	44	SSW	NW	82·2	79·0	76·9	70·8
pril 5	19·44	10	6	38	SW	NW	82·3	79·7	77·2	69·0
pril 5	22·38	44	4	43	S	SSW	75·0	79·2	69·4	66·6
pril 8	20·57	28	8	41	NW	NW	80·4	73·4	75·4	68·9
pril 9	15·28	45	10	38	W	SE	91·2	76·7	76·5	72·5
pril 11	21·04	7	9	48	SW	NW	81·5	71·0	75·0	70·0
pril 13	21·44	10	12	36	SW	N	81·7	72·8	77·0	71·6
pril 14	12·35	2	8	54	NNE	NNW	90·0	74·0	79·0	72·6
pril 21	00·07	23	6	34	NW	NNW	83·7	82·0	79·4	72·3
pril 21	18·58	2	18	47	SSE	NW	80·0	74·0	73·0	68·0
pril 25	02·55	19	5	51	S	N	80·4	74·0	77·8	72·0
pril 30	17·31	2	6	30	S	NNE	86·0	79·5	80·6	73·0
pril 30	17·37	12	4	35	NNE	NNE	79·5	78·4	72·9	74·1
ay 6	16·43	14	11	74	WSW	WNW	86·5	69·7	79·6	68·6
ay 12	12·57	40	4	43	SSW	NNE	86·9	74·9	80·0	74·9
ay 14	21·12	20	6	[illegible]	SW	NW	83·5	77·5	80·0	74·4
ay 17	21·12	7	6	47	S	NNE	85·0	77·7	80·4	74·1
ay 20	19·44	11	5	45	N	NNW	84·1	75·2	78·8	73·0
ay 24	18·25	30	2	33	SSW	ESE	91·0	80·0	81·5	76·3
ay 28	06·48	17	9	34	NE	N	84·3	76·4	81·0	74·0
une 1	11·20	10	6	51	NE	NW	91·6	82·6	81·6	72·6
une 13	22·02	15	4	39	SSW	W	86·3	77·2	83·0	75·6
une 19	16·52	15	4	46	SSE	NE	93·4	79·9	84·8	78·5
une 21	20·51	16	6	41	SW	NW	86·7	76·0	83·0	75·0
une 22	23·35	5	5	35	NNW	NW	85·8	78·7	83·4	77·1
une 24	05·37	8	4	40	SSW	N	84·0	75·6	81·1	74·4
une 30	15·05	6	0	37	Calm	W	91·0	81·0	84·0	78·3
ctober 8	12·49	6	4	35	E	NE	91·8	77·8	80·0	76·0
ctober 10	14·00	4	4	44	SE	S	91·5	79·3	81·1	76·7
ctober 27	12·08	4	4	35	E	SE	81·0	79·0	78·4	77·0

Table IX B.—Squalls at 12 stations for the year 1949—*contd.*

DATE.	Time.	Duration.	Speed before the onset of the Squall.	Maximum speed in gust.	Direction change.		Temperature change (°F).			
					From.	To.	Dry Bulb.		Wet Bulb.	
	I.S.T.	Minutes.	m.p.h.	m.p.h.			Before.	After.	Before.	After.
ALLAHABAD (BAMRAULI).										
February 3	05·35	10	6	35	Calm	NW	66·9	67·5	58·6	58·6
February 5	02·10	5	8	40	E	WNW	61·4	60·6	59·5	59·5
March 7	20·25	25	20	45	W	SE	70·5	70·0	62·1	61·8
	19·40	5	10	32	E	W	75·5	68·0	62·3	62·0
April 4	03·25	5	6	44	..	..	93·5	86·8	67·8	66·8
May 12	23·40	10	20	42	W	NW	87·9	77·0	..	..
May 24	17·25	5	20	44	NNE	NNW	94·8	92·6	79·0	78·5
June 7	02·10	5	20	39	SSW	NNW	94·0	82·9	78·0	75·4
July 5	13·50	10	0	43	ENE	NW	99·2	88·4	..	..
July 15	16·45	7	4	35	NE	SE	91·5	85·4	..	..
October 9	15·05	5	6	34	NE	SE	90·4	77·0	75·0	75·0
NEW DELHI.										
February 11	07·40	10	8	44	S	NNW	55·6	60·5	51·0	51·6
April 3	18·20	15	0	39	ENE	SW	96·4	92·5	70·1	67·0
April 18	13·48	4	10	35	NW	SW	106·6	104·7	69·4	69·0
May 12	19·45	15	15	54	SE	NW	96·5	78·0	75·2	71·5
May 20	00·35	30	0	53	ESE	NNW	90·0	82·2	73·4	70·6
May 20	18·35	10	1	38	ESE	SW	95·1	90·2	73·6	72·0
May 20	20·30	30	14	47	NW	NNE	86·3	83·4	71·6	71·0
May 20	23·15	20	12	38	SW	W	77·2	75·2	71·0	70·0
May 26	18·00	30	6	55	ESE	N	105·0	80·4	79·0	75·7
May 31	13·05	25	0	58	ESE	NW	96·4	83·8	75·0	72·6
June 1	21·40	20	2	29	NW	NW	97·3	94·1	..	..
June 2	17·40	20	10	41	E	N	94·0	83·3	74·1	71·6
June 14	13·40	15	14	57	NW	SW	100·9	93·4	..	..
June 27	17·45	15	2	36	NNE	SW	100·9	86·9	79·1	76·0
July 3	16·30	50	6	53	NNW	S	104·8	84·6	78·8	77·0
July 18	19·55	30	9	50	ESE	S	91·0	80·6	81·9	79·4
September 29	17·10	20	0	47	NW	SW	90·5	73·5	74·5	73·7
September 29	18·50	4	0	36	E	WSW	74·5	77·1	73·7	73·7
JODHPUR.										
March 22	16·35	10	22	60	NW	NW	92·4	86·4	..	..
April 5	22·45	120	13	47	N	NNE	85·0	82·0	..	..
May 9	17·35	10	12	48	NW	N	110·0	98·0	..	..
May 11	17·45	15	18	32	N	N	104·0	102·0	..	..
May 11	18·15	15	16	33	N	N	102·0	100·0	..	..
May 11	22·10	15	8	36	N	W	96·0	90·0	..	..
May 21	00·20	10	0	34	SSW	NNE	92·0	92·0	..	..
May 21	00·40	20	24	40	NNE	E	94·0	90·0	..	..
May 31	21·50	10	8	30	SW	SE	99·0	98·0	..	..
May 31	22·00	15	20	38	SE	SE	98·0	86·0	..	..
June 1	20·50	15	0	44	WSW	NE	97·0	88·0	..	..
June 1	23·30	15	12	44	E	NE	79·0	76·0	..	..
June 2	01·45	15	12	38	ENE	ESE	77·0	75·0	..	..
June 2	06·05	5	8	35	SW	NW	76·0	76·0	..	..
June 3	17·20	25	4	40	W	N	98·0	85·0	..	..
June 17	22·20	10	0	34	SW	NNE	92·0	87·0	..	..
June 18	01·45	15	16	31	NNW	NW	84·0	80·0	..	..

Table IX B.—Squalls at 12 stations for the year 1949—*contd.*

DATE.	Time.	Duration.	Speed before the onset of the Squall.	Maximum speed in gust.	Direction change.		Temperature change (°F).			
					From.	To.	Dry Bulb.		Wet Bulb.	
	I.S.T.	Minutes.	m.p.h.	m.p.h.			Before.	After.	Before.	After.
				JODHPUR—*contd.*						
6	19·00	15	4	47	W	E	98·0	80·0	..	..
7	18·55	15	1	35	NW	ENE	84·0	76·0	..	..
12	20·25	10	4	35	SW	NE	94·0	86·0	..	..
14	17·50	5	8	41	NW	SSW	86·0	80·0	..	..
15	17·45	15	9	37	NNW	NE	97·0	92·0	..	..
15	19·25	10	13	32	NE	E	86·0	83·0	..	..
17	14·05	15	10	73	SW	NE	90·0	76·0	..	..
27	15·20	5	4	28	S	N	96·0	90·0	..	..
28	15·55	20	7	46	N	NE	98·0	92·0	..	..
29	17·55	5	7	30	SSE	E	94·0	88·0	..	..
ıber 15	17·10	35	6	38	NNE	ENE	100·0	94·0	..	..
ıber 18	14·50	8	10	32	NNW	NW	96·5	96·0	..	..
ıber 21	18·10	35	10	40	NE	SE	95·0	80·0	..	..
ıber 22	18·00	5	16	46	NW	E	91·0	81·0	..	..
ıber 30	16·55	7	14	35	W	SW	90 0	81·0	..	..
ıber 30	20·20	40	0	42	W	NE	82·0	73·0	..	..
				BARODA.						
				No Squall.						
				BOMBAY.						
23	22·16	3	9	38	E	SE	86·0	79·4	81·4	75·7
29	19·41	2	22	48	SSE	SSE	84·2	81·5	77·6	76·1
26	11·55	1	10	30	SSW	WSW	85·4	83·8	81·1	78·9
11	00·56	1	14	39	WSW	WNW	81·0	78·1	78·7	76·1
11	14·25	2	12	32	WSW	WNW	81·0	78·3	78·6	77·1
11	21·50	2	16	41	WSW	WNW	78·6	76·4	76·7	74·5
12	02·35	1	14	47	WSW	WNW	80·5	77·2	78·3	75·9
17	06·58	1	5	29	SW	WSW	81·0	79·2	79·1	76·8
22	20·07	1	12	32	W	WNW	82·0	80·0	79·0	77·5
27	11·25	1	5	26	SSE	SW	79·4	78·9	78·0	76·6
st 2	12·15	1	6	34	WSW	WNW	78·5	77·3	77·6	76·0
st 4	15·32	1	13	39	SW	SW	84·2	81·2	80·7	78·2
st 5	13·30	1	16	41	WSW	WSW	82·6	80·1	79·4	78·1
st 17	01·27	1	10	34	WSW	WSW	80·5	79·1	77·4	76·1
ber 23	18·15	1	10	26	W	NW	86·0	81·9	79·7	77·4
				POONA.						
21	15·00	1	14	37	S	NE	95·9	90·7	74·5	73·4
1	12·45	3	19	43	W	WSW	87·1	84·3	74·7	74·3
2	16·08	4	16	38	SW	WSW	87·4	84·1	74·8	74·3
8	14·00	2	18	39	WSW	WNW	85·2	82·3	74·9	74·7
ber 14	14·40	5	12	33	W	WNW	86·7	78·4	74·7	73·9
ber 16	14·50	6	15	34	W	NW	84·3	76·1	74·9	73·0
				BANGALORE.						
l 1	19·45	1	11	33	SW	E	76·5	72·0	67·0	65·5
l 12	15·45	2	18	33	N	SE	85·6	80·0	73·5	73·4
2	17·40	3	22	49	ENE	SSE	90·8	83·5	74·8	74·5
18	15·55	2	10	29	NW	SW	86·0	81·0	74·5	73·5

Table IX B.—Squalls at 12 stations for the year 1949—*contd.*

DATE.	Time.	Duration.	Speed before the onset of the Squall.	Maximum speed in gust.	Direction change.		Temperature change (°F).			
							Dry Bulb.		Wet Bulb.	
					From.	To.	Before.	After.	Before.	After.
	I.S.T.	Minutes.	m.p.h.	m.p.h.						
BANGALORE—*contd.*										
June 23	16·05	1	10	28	SSE	WNW	81·8	78·0	72·1	72·5
July 9	17·05	2	4	46	W	NW	80·0	73·6	72·5	69·3
July 11	15·55	1	10	34	SW	NW	76·0	74·6	72·5	72·5
August 5	17·53	1	12	32	SW	NW	72·7	70·7	70·0	70·4
September 14	16·35	2	10	34	WNW	S	79·1	77·0	70·5	71·0
October 17	13·42	2	11	29	NW	NE	78·6	76·0	73·0	74·8
October 20	20·05	1	3	27	S	WSW	75·5	74·0	72·8	73·0
MADRAS (NUNGAMBAKKAM).										
May 21	17·40	10	4	35	N	NW	Data not available.		Data not available.	
May 27	20·55	3	10	42	SE	W				
May 31	16·10	4	4	40	SE	NNW				
June 1	20·25	3	10	32	SSE	SW				
June 2	22·10	10	13	49	SSW	SW				
June 2	19·20	5	10	41	SSE	SW				
June 16	02·35	10	12	36	SW	W				
July 3	19·00	5	10	32	SW	NW	86·3	76·6		
July 9	22·45	5	10	31	S	SSW	84·5	76·5		
July 12	18·50	10	6	41	SSE	W	84·3	74·6		
July 14	17·15	5	6	36	SSW	WSW	91·3	79·7		
July 15	18·20	2	6	32	S	W	89·8	80·8		
July 22	02·35	5	8	36	W	NW	82·5	70·6		
August 5	16·15	3	8	32	SE	N	85·3	73·9		
August 7	00·35	3	8	33	S	W	82·4	75·6		
August 7	22·20	10	10	28	SW	W	82·5	77·3		
August 8	19·40	10	5	35	SE	NW	83·5	75·5		
August 9	01·00	10	12	38	SSW	SW	81·5	77·5		
August 11	01·50	10	4	36	S	NW	83·2	73·2		
August 13	18·10	10	4	37	WSW	NW	92·6	79·7		
August 17	22·20	15	6	29	SSE	W	83·2	77·3		
September 8	20·50	5	6	32	SSE	SW	83·6	74·0		
September 11	01·10	5	4	30	WSW	NW	80·8	72·2		
September 12	01·15	10	8	34	NW	W	80·6	74·6		
September 20	18·10	40	2	40	SW	WNW	83·6	71·9		
November 16	10·45	20	2	30	S	NE	..	..		
VIZAGAPATAM.										
May 7	23·40	45	16	49	SE	N	..	..	..	..
June 3	06·10	15	16	43	WNW	NW	..	..	..	..
June 7	17·10	20	14	40	N	WNW	..	..	..	..
June 8	19·10	20	10	30	SW	W	..	..	..	..
June 31	11·55	15	6	34	SW	WSW	..	..	..	..
July 1	02·45	15	8	32	W	WSW	..	..	..	..
August 18	17·05	25	10	52	SSW	NW	..	..	..	..
August 28	22·15	20	4	26	ESE	SE	..	..	..	..
September 12	14·45	20	8	44	W	NW	..	..	..	..
September 14	17·10	20	4	26	SW	NW	..	..	..	..
September 18	16·30	10	4	28	WSW	NW	..	..	..	..
September 26	04·30	10	10	28	NW	SSW	..	..	..	..
September 27	06·35	15	12	31	W	NW	..	..	..	..
October 28	10·50	40	16	35	SE	S	..	..	..	..

Table IX B.—Squalls at 12 stations for the year 1949—*contd.*

DATE.	Time.	Duration	Speed before the onset of the Squall.	Maximum speed in gust.	Direction change.		Temperature change (°F)			
					From.	To.	Dry Bulb.		Wet Bulb.	
	I.S.T.	Minutes.	m.p.h.	m.p.h.			Before.	After.	Before.	After.
			KODAIKANAL.							
ry 21	10·20	5	10	28	N	NE	61·0	61·0	46·5	46·5
ry 28	11·50	3	16	32	E	NNE	61·6	61·6	50·6	50·6
1	14·35	3	10	30	ESE	NE	62·0	61·3	56·0	55·0
12	12·55	5	10	36	ESE	ENE	69·0	69·0	51·3	51·3
12	13·10	2	10	28	NE	N	69·8	69·3	51·7	51·7
26	11·20	3	10	28	NE	N	68·2	64·5	52·7	52·7
26	11·40	3	14	30	NE	NE	69·9	69·9	53·0	53·0
29	22·25	3	14	32	NE	E	56·3	56·3	49·8	49·0
3	17·30	10	7	42	NNE	SE	64·2	56·0	57·0	52·5
14	14·30	5	10	34	N	NW	65·5	57 0	60·0	55·0
30	19·10	3	10	28	WNW	NW	65·1	62·0	54·7	54·6
23	20·15	5	14	42	W	SW	55·4	55·3	52·9	52·9
24	07·35	3	12	35	WSW	NW	55·4	55·4	53·0	53·0
2	04·05	3	10	28	W	SW	54·6	54·2	53·9	53·9
3	18·05	5	13	38	W	W	55·5	54·5	54·0	52·8
13	13·35	3	10	33	NW	W	59·9	59·9	55·9	55·9
ber 22	04·45	5	14	48	NW	WSW	50·9	50·9	50·0	50·0
27	12·10	5	16	43	NW	WSW	59·2	59·2	..	..

Table X.—Mean hourly and extreme dry bulb temperature

(Readings at ex

Month/Hours I. S. T.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1
CALCUTTA																		
January	61·5	60·7	60·1	59·5	59·2	58·8	58·6	60·0	66·4	72·8	76·9	79·1	79·9	76·2	77·2	76·1	72·6	
February	65·6	64·8	64·2	63·5	63·0	62·3	62·2	64·1	71·7	77·5	80·7	83·1	84·3	84·3	82·7	81·7	80·3	
March	75·0	74·5	73·9	73·4	73·0	72·5	72·9	77·0	82·1	86·8	90·1	92·5	93·1	93·6	92·3	91·1	89·7	
April	77·9	77·7	77·6	77·2	77·1	77·1	78·1	81·3	84·4	86·7	88·7	89·8	90·1	90·2	89·8	88·8	86·9	
May	80·7	80·5	80·4	80·2	80·1	80·0	81·2	83·4	85·7	87·2	88·7	90·2	90·4	90·6	90·2	89·5	87·9	
June	81·6	81·5	81·5	81·6	81·5	81·5	82·5	84·7	87·3	89·3	90·7	90·9	91·5	91·7	91·0	89·3	87·8	
July	81·7	81·4	81·0	80·6	80·4	80·3	80·9	82·4	84·3	85·8	86·6	87·5	87·6	87·4	86·7	86·5	85·7	
August	81·7	81·4	81·2	81·0	80·7	80·6	80·9	84·2	84·2	85·9	87·1	87·7	87·9	87·7	87·5	87·9	86·1	
September	81·3	81·0	80·7	80·4	80·2	80·0	80·4	81·9	81·9	86·8	84·7	88·8	89·1	89·0	87·6	86·8	85·8	
October	78·3	78·1	77·8	77·6	77·4	77·1	77·9	81·7	85·1	87·3	88·5	89·3	89·2	87·8	85·8	84·7	83·5	
November	65·8	65·2	64·8	64·3	63·9	63·4	63·6	68·2	74·5	78·4	81·1	82·5	85·9	81·0	79·8	78·7	76·8	
December	58·0	57·5	56·9	56·5	55·7	55·2	54·9	57·6	65·4	71·9	75·4	76·8	78·3	75·9	74·8	73·7	71·7	
Year	74·1	73·6	73·3	73·0	72·7	72·4	72·9	75·5	79·4	83·0	84·9	86·5	87·3	86·3	85·5	84·5	82·9	
JAMSHEDPU																		
January	55·7	58·0	57·4	56·6	55·9	55·3	55·1	58·3	63·1	68·5	71·7	74·3	76·3	77·3	78·0	77·7	74·7	
February	62·4	61·4	60·4	59·7	58·9	58·2	58·6	62·8	68·1	72·8	76·4	78·0	80·8	82·5	83·2	83·2	81·6	
March	72·2	70·6	70·0	69·4	68·7	68·0	70·6	75·5	80·0	84·5	87·6	90·3	92·0	93·4	94·1	93·8	92·0	
April	78·6	77·8	77·2	76·7	76·0	75·7	78·2	81·3	84·2	86·9	90·0	92·5	94·8	96·0	96·3	95·2	91·7	
May	80·8	80·5	80·1	79·6	79·4	78·8	81·7	83·9	86·0	88·2	90·5	92·5	94·4	95·4	95·4	93·8	91·7	
June	83·0	82·6	82·2	82·1	81·8	82·2	83·9	85·5	84·3	88·2	89·5	91·2	91·9	92·2	92·2	91·5	89·4	
July	80·2	79·9	79·7	79·6	79·4	79·7	80·8	82·2	83·5	84·6	85·6	86·7	87·5	86·8	85·8	84·7	84·1	
August	79·9	79·7	79·5	79·5	79·3	79·3	80·2	81·5	83·0	83·9	84·9	85·4	86·2	86·3	85·6	85·2	84·4	
September	79·7	79·5	79·3	79·1	78·9	78·9	80·1	81·9	83·8	84·9	86·0	86·7	87·5	87·2	87·0	85·7	84·3	
October	76·2	75·8	75·6	75·3	74·9	74·9	76·1	78·4	81·0	83·2	84·8	86·0	87·0	87·1	86·4	85·3	83·7	
November	62·2	61·4	60·5	59·6	59·2	58·5	59·9	64·6	68·8	73·1	75·9	78·1	79·7	80·5	80·9	80·1	76·4	
December	57·1	56·2	55·4	54·8	54·0	53·3	53·5	57·5	63·1	67·6	73·5	73·5	75·4	76·4	77·1	76·5	73·2	
Year	72·3	71·9	71·4	71·0	70·5	70·2	71·6	74·5	77·4	80·5	83·0	84·6	86·1	86·8	86·8	86·1	83·9	
GAYA.																		
January	57·0	56·1	55·1	54·6	53·8	53·3	52·9	56·2	62·4	67·6	71·2	73·5	74·7	75·4	75·8	75·4	72·3	
February	60·8	59·7	59·0	58·3	57·7	57·4	57·3	61·4	66·8	71·2	74·4	76·3	77·3	78·2	78·6	78·2	75·6	
March	70·1	68·8	68·1	67·5	66·9	65·7	67·3	73·5	79·4	83·6	87·0	89·3	90·6	91·8	92·1	91·7	89·8	
April	80·3	79·2	78·3	77·2	76·4	75·9	78·8	83·2	87·4	91·0	93·7	96·3	97·8	98·3	98·3	97·8	95·7	
May	84·3	83·5	82·7	81·7	81·5	81·6	84·4	87·4	90·7	92·5	94·9	96·4	97·9	98·7	98·3	97·9	97·0	
June	87·2	86·5	86·2	85·7	85·3	85·5	87·3	89·9	92·9	94·9	96·8	98·0	98·5	99·1	98·9	97·8	95·9	
July	81·5	81·2	80·9	80·8	80·4	80·5	81·4	82·6	84·7	85·6	86·5	87·2	88·1	88·2	88·3	87·9	87·4	
August	80·6	80·5	80·3	80·0	79·8	79·8	80·3	81·4	82·9	84·2	85·5	86·8	87·2	87·4	87·1	86·0	85·3	
September	81·2	80·7	80·4	80·2	79·8	79·7	80·7	82·4	84·8	86·1	87·6	88·5	88·8	89·1	89·0	88·0	86·6	
October	76·7	76·2	75·7	75·2	74·7	74·4	75·2	78·3	79·6	82·5	84·5	88·5	88·9	89·4	89·4	88·8	86·5	
November	59·4	58·5	57·6	56·7	56·1	55·8	56·3	61·4	69·4	73·7	76·5	78·2	79·2	80·0	80·1	79·5	75·3	
December	52·5	51·3	50·5	49·8	49·3	48·8	48·8	53·7	60·8	66·7	70·1	72·0	73·2	74·1	74·4	73·6	69·7	
Year	72·6	71·8	71·2	70·6	71·0	69·9	70·9	74·3	78·5	81·6	84·1	85·9	86·8	87·5	87·5	86·9	84·7	

* Hours in this case refer to L.M.T

t 12 stations for the year 1949.

. S. T.)

	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Extreme Max.	Extreme Date.	Extreme Min.	Extreme Date.	Month/Hours I.S.T.
71·0	66·4	64·9	63·9	63·1	62·1	67·5	81·0	58·5	85	5	51	8	January.
74·2	71·8	70·2	68·8	67·7	66·4	72·2	85·3	61·8	96	27	51	10	February.
32·9	80·5	79·1	77·7	76·7	75·9	81·8	94·4	72·0	99	25, 26, 28	60	1	March.
32·6	81·1	80·2	78·9	78·3	78·1	82·6	91·4	76·4	96	4, 17	68	8	April.
34·8	83·5	82·2	81·4	81·1	81·1	84·5	91·9	78·3	102	31	69	7	May.
34·4	83·7	83·2	82·6	82·1	81·9	85·4	93·0	79·5	102	7	74	14, 24, 25	June.
34·3	83·6	83·2	82·9	82·5	82·1	83·8	89·0	80·2	94	3	76	22	July.
34·3	83·6	83·0	82·7	82·4	82·1	84·0	89·4	80·7	94	11	75	6	August.
33·4	83·0	82·7	82·2	81·8	81·6	83·6	90·4	79·7	95	21	74	16, 17	September.
31·3	80·8	79·9	79·4	78·9	78·5	82·0	90·7	77·1	94	4 days	69	23	October.
71·2	69·6	68·4	67·4	66·7	66·0	71·7	83·7	63·1	89	4 days	56	28	November.
34·8	62·7	61·2	60·1	59·2	58·3	64·6	79·2	54·8	87	2	49	17, 31	December.
79·1	77·5	76·5	75·7	75·0	74·5	78·6	88·3	71·8	102	V,VI	49	XII	*Year.*
66·5	64·2	62·8	61·6	60·3	59·4	64·9	78·9	54·6	83	3	49	8	January.
73·0	70·2	68·4	66·8	65·2	63·7	69·7	84·1	57·5	95	25	49	10	February.
83·6	80·9	78·8	77·4	75·5	73·9	80·5	95·4	67·5	103	30	57	1	March.
85·5	84·0	82·5	81·1	79·9	79·0	84·5	97·9	74·0	107	28	66	22	April.
87·3	84·9	84·0	83·1	81·2	81·6	86·0	96·7	77·8	105	17	70	6	May
86·5	85·4	84·5	84·0	83·5	83·1	86·2	94·7	80·1	103	17	74	1	June.
82·3	81·5	81·3	81·0	80·7	80·4	82·5	89·3	78·5	96	3	76	24	July.
82·2	81·6	81·2	80·8	80·7	80·3	82·2	88·1	78·7	92	11	76	8	August.
82·3	81·8	81·3	80·7	80·3	79·9	82·5	89·3	78·9	94	30	76	28	September.
79·8	79·0	78·1	77·5	76·9	76·4	80·6	88·4	74·6	92	4	66	24	October.
69·1	67·0	65·6	64·5	64·0	63·2	68·5	81·3	58·9	88	23	53	22	November.
65·0	63·1	61·6	60·3	59·2	58·0	63·9	77·8	53·1	83	1	47	17	December.
78·6	77·0	75·8	74·9	73·9	73·2	77·7	88·5	69·5	107	IV	47	XII	*Year.*
65·8	64·0	62·1	60·6	59·2	58·1	63·5	76·5	52·7	82	25	45	7	January.
68·6	66·9	65·4	64·1	63·1	61·9	67·0	79·6	56·7	93	25	46	8	February.
81·2	78·8	76·9	75·4	73·8	72·2	78·6	93·1	65·1	106	30	56	17	March.
88·8	86·7	85·0	83·5	82·3	81·2	86·8	100·1	75·6	107	27	70	15	April.
92·4	90·7	89·5	87·6	86·1	85·4	90·0	100·6	79·9	109	16	69	7	May.
92·1	90·9	89·5	88·8	88·0	87·5	91·5	101·4	83·5	111	18	75	30	June.
84·2	83·9	83·4	82·9	82·4	82·0	84·0	90·7	79·8	98	4	77	30	July.
82·7	82·3	82·0	81·6	81·3	80·8	82·9	88·8	79·1	95	30	76	31	August.
83·4	82·8	82·3	82·3	81·9	81·6	83·8	90·5	79·3	94	26	76	17	September.
81·7	80·6	79·8	78·9	78·1	77·2	81·0	90·2	74·0	95	12	62	26	October.
68·3	66·4	64·3	62·8	61·3	60·1	67·0	83·1	55·4	86	23	49	26	November.
62·4	60·5	58·5	56·6	54·8	53·9	60·5	74·7	48·1	80	1	45	22	December
79·3	77·9	76·5	75·4	74·4	73·5	78·1	89·1	69·1	111	VI	45	I, XII	*Year.*

Table X.—Mean hourly and extreme dry bulb temperature

(*Readings at exa*

Month/Hours I.S.T.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
																ALLAHABAD (Bamrauli		
January	57·1	56·3	55·6	54·8	54·2	53·7	53·3	54·7	60·8	66·5	70·0	72·8	73·9	74·7	75·3	74·7	72·8	69
February	61·8	60·7	59·9	59·5	59·0	58·5	58·1	60·8	66·0	72·0	73·7	76·3	77·0	78·1	78·9	79·0	77·1	73
March	71·0	70·0	68·9	68·4	67·3	66·8	66·9	71·5	77·6	82·9	85·9	88·6	90·4	91·5	91·9	91·6	90·9	87
April	83·8	82·1	81·1	79·9	79·2	78·2	79·3	83·3	88·5	92·2	96·1	98·9	100·5	101·6	101·9	101·7	100·7	98
May	88·8	87·8	86·7	85·7	85·0	84·5	85·8	88·6	91·6	95·1	97·1	100·4	102·2	103·2	103·6	103·4	102·4	100
June	91·5	90·6	89·5	88·6	87·8	87·5	88·8	91·3	94·5	97·3	99·3	101·1	102·8	103·8	104·0	103·2	102·4	101
July	84·3	83·8	83·5	83·0	82·6	82·5	83·0	83·8	85·4	87·6	88·1	88·9	89·4	89·6	89·7	89·5	88·5	88
August	81·0	80·8	80·2	80·4	80·2	80·1	80·4	81·6	81·7	81·8	84·4	85·2	86·1	86·8	86·9	86·4	85·7	84
September	81·9	81·4	81·2	80·9	80·4	80·2	80·9	82·4	84·2	86·6	87·4	88·5	89·0	88·9	88·2	87·6	87·2	86
October	75·4	75·9	74·3	73·7	73·0	72·6	73·5	77·2	81·7	84·4	86·6	87·6	88·4	87·5	88·6	87·5	85·8	83
November	59·6	58·8	58·0	57·2	56·5	55·6	55·6	60·6	67·2	71·8	74·9	76·9	78·2	78·7	78·8	78·0	75·5	70
December	52·7	51·5	50·9	50·1	49·6	48·9	48·6	50·8	59·6	65·1	68·7	71·0	72·3	72·9	72·9	72·3	69·4	64
Year	73·7	73·2	72·5	71·5	71·2	70·7	71·2	73·9	78·2	81·9	84·3	86·3	87·3	88·1	88·3	87·9	86·6	84
																	NEW DELH	
January	54·2	53·3	52·4	51·4	51·0	50·0	49·4	49·6	54·2	60·1	64·8	68·3	70·5	71·6	72·0	71·8	70·4	6
February	58·3	57·3	56·3	55·3	54·4	53·8	53·1	53·0	57·0	62·5	67·0	70·2	71·9	73·7	74·3	74·4	74·1	7
March	67·7	66·9	65·9	65·0	64·0	62·6	62·1	63·1	68·7	74·8	78·6	81·4	82·8	83·9	84·7	84·6	84·3	8
April	80·4	79·4	78·1	76·8	76·1	74·8	74·5	77·3	82·4	90·0	93·2	96·0	97·8	98·8	99·7	99·8	99·5	9
May	88·0	87·2	86·0	85·3	84·3	83·5	84·7	88·0	91·5	95·4	97·7	100·0	101·1	102·1	102·2	102·9	102·5	10
June	90·2	89·7	89·0	88·2	87·5	87·1	87·8	90·0	93·0	96·4	98·4	100·0	101·3	102·1	102·7	102·4	102·3	10
July	83·7	83·3	82·9	82·6	82·4	82·4	82·6	83·6	85·2	86·9	87·1	87·9	88·1	88·6	89·0	89·5	88·9	8
August	82·9	82·4	82·1	81·7	81·2	81·0	81·5	83·0	84·6	86·9	88·7	90·4	91·6	92·1	92·6	92·0	91·4	9
September	82·0	81·4	81·0	80·7	80·3	80·0	80·2	82·1	85·2	87·6	89·0	90·1	91·0	91·8	92·3	91·8	91·5	8
October	72·3	71·7	70·9	70·0	69·1	68·4	68·0	70·9	76·3	81·5	85·2	88·3	89·7	90·6	90·6	90·3	95·7	8
November	57·9	56·8	56·1	55·5	54·7	53·8	53·5	54·6	59·7	68·7	73·6	76·7	78·7	79·5	79·7	79·3	77·7	7
December	51·0	50·3	49·4	48·6	48·0	47·4	47·2	47·1	52·8	59·5	64·3	67·8	69·4	70·8	71·4	70·2	70·1	6
Year	72·4	71·6	70·8	70·1	69·4	68·7	68·7	70·2	74·2	72·2	82·3	84·7	86·1	87·1	87·6	87·4	87·4	8
																	JODHPU	
January	61·2	60·4	59·5	58·3	56·9	56·1	55·6	55·2	58·6	62·9	68·0	72·3	75·2	76·6	77·6	78·0	77·4	7
February	64·5	63·3	61·8	60·8	59·4	58·7	58·1	58·0	62·0	67·3	72·4	75·8	78·2	79·7	80·6	80·8	80·3	7
March	75·2	73·6	72·4	70·2	69·4	68·3	67·4	70·0	74·4	79·8	84·5	87·9	89·8	91·0	92·1	92·2	91·6	9
April	85·4	83·8	83·2	82·5	80·9	78·8	77·2	81·1	86·7	91·5	96·0	99·5	101·8	103·3	103·9	104·1	103·5	10
May	93·4	92·2	91·4	90·1	88·5	86·8	87·0	89·1	92·0	95·3	98·7	101·8	104·4	106·2	107·3	107·5	107·0	10
June	89·7	88·7	88·0	87·1	86·0	85·0	85·1	86·8	88·6	90·8	93·5	95·9	97·8	99·3	100·5	100·9	100·6	9
July	84·7	84·0	83·5	82·9	82·3	81·9	82·2	83·4	84·9	86·2	87·9	89·4	90·9	92·0	92·2	92·5	92·0	9
August	81·3	80·4	79·8	79·3	79·1	78·8	78·9	80·7	82·4	84·1	86·0	87·5	88·9	89·8	90·4	90·6	90·3	8
September	85·2	84·3	83·4	82·7	82·0	81·2	81·2	82·8	85·4	87·7	90·2	92·6	94·4	96·2	96·9	97·3	96·5	9
October	78·4	76·9	75·4	74·8	74·4	73·4	72·6	75·3	79·7	84·2	88·2	90·9	92·8	93·8	94·2	94·0	93·2	9
November	66·3	65·7	64·3	62·9	61·9	61·1	60·7	62·4	66·9	71·6	77·6	81·3	83·6	84·7	84·9	84·3	83·3	7
December	60·2	68·7	68·0	56·7	55·8	54·7	53·5	53·6	57·9	63·1	68·7	73·0	75·5	76·8	77·5	77·2	76·5	7
Year	77·1	76·0	75·1	74·0	73·1	72·1	71·6	73·2	76·6	80·4	84·3	87·3	89·4	90·8	91·5	91·6	91·0	7

at 12 stations for the year 1949—*contd.*

I. S. T.)

	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Extreme Max.	Date.	Min.	Date.	Month/Hours I.S.T.
66·0	63·5	61·9	60·7	59·3	58·2	63·7	75·6	52·8	82	3	46	9	January.
70·8	68·5	66·5	65·1	64·2	62·7	67·8	79·8	57·9	90	24	50	7	February.
83·0	80·1	78·4	76·2	74·3	72·7	78·8	92·3	66·2	106	30	56	17	March.
94·2	91·8	89·9	88·1	86·8	85·3	90·2	102·7	78·1	110	28	70	15	April.
98·1	96·3	94·3	92·9	91·6	89·8	93·9	104·3	84·0	114	26	75	7	May.
99·2	97·2	95·8	94·7	93·5	92·5	95·9	104·7	86·7	111	22	81	26, 27	June.
87·3	86·5	85·8	85·3	84·9	84·4	86·1	92·0	82·0	107	2	77	20	July.
84·0	83·2	82·6	82·1	81·8	81·5	82·5	87·7	79·8	95	30	77	5	August.
84·6	83·8	83·3	82·9	82·5	82·1	84·0	90·1	80·0	95	25	75	29	September.
81·1	79·5	78·3	77·3	76·5	75·9	80·6	89·7	72·6	95	13	61	26	October.
67·4	65·3	63·7	62·1	61·7	60·1	66·5	79·5	54·0	85	22	50	25	November.
61·4	59·0	57·3	55·9	54·7	53·6	59·8	73·8	48·3	78	31	45	28	December.
81·4	79·5	78·1	76·9	76·8	74·9	79·1	89·3	70·2	114	V	45	XII	*Year.*
63·4	61·1	59·3	58·1	56·6	55·4	59·8	72·9	48·9	78	23	39	5	January.
67·9	65·3	63·1	61·6	60·1	59·0	63·1	74·8	52·1	85	20	45	7	February.
77·4	76·5	74·1	72·2	70·6	69·4	73·5	85·0	61·7	97	30	50	16	March.
94·2	93·8	87·9	85·3	83·2	81·9	87·1	100·8	73·5	108	29	68	1	April.
98·4	95·1	93·2	91·4	90·1	88·7	93·3	104·4	82·1	111	11	73	21	May.
99·3	97·7	96·2	94·6	93·3	91·9	95·1	103·9	86·6	109	22	74	1	June.
87·3	86·0	85·2	84·6	84·0	83·5	85·6	91·9	81·3	107	4	73	20	July.
88·7	86·8	86·0	84·8	84·0	83·4	86·3	93·4	80·5	98	30	77	25	August.
87·0	85·7	84·5	83·6	82·8	82·1	85·5	93·3	76·7	100	12	72	30	September.
81·3	78·8	76·7	75·3	72·1	69·4	78·7	91·7	67·4	96	16	57	25	October.
68·3	65·2	62·7	61·0	59·6	58·7	65·3	80·7	53·2	87	6	48	25	November.
61·4	58·5	56·4	54·6	53·3	52·0	57·4	71·9	46·6	75	31	41	21	December.
81·2	79·2	77·1	75·6	74·1	72·9	77·5	88·7	67·6	111	V	39	I	*Year.*
71·3	68·2	66·2	64·9	63·6	62·4	65·9	78·9	54·6	87	22	35	4	January.
75·7	72·6	70·4	68·5	66·8	65·7	69·2	81·5	57·1	93	20	46	7	February.
87·3	84·3	81·8	80·3	78·5	77·3	80·3	93·4	67·0	104	29	56	16	March.
100·0	5·8	92·3	90·1	88·4	86·7	91·6	104·8	77·2	112	17	69	22	April.
103·7	101·7	99·4	97·7	95·8	94·4	97·4	108·9	86·2	115	23	81	18	May.
98·3	97·1	95·7	93·8	92·5	91·2	92·9	101·8	84·8	106	8, 10	76	2	June.
89·9	88·3	87·3	86·3	85·6	84·9	86·9	94·3	80·6	104	13	76	7	July.
87·5	86·2	85·2	84·1	83·1	82·3	84·4	91·6	78·4	102	30	76	5, 22	August.
92·4	90·7	89·2	88·0	86·2	85·7	88·6	98·2	80·5	104	17	73	30	September.
87·8	85·4	83·6	82·3	81·1	79·7	83·5	95·2	72·1	102	13	54	31	October.
74·8	72·2	70·9	69·7	68·5	67·7	72·0	86·1	59·3	91	3	51	30	November.
69·0	66·7	65·3	63·6	62·2	61·2	64·9	78·5	52·1	84	29	45	3	December.
86·5	84·1	82·2	80·8	79·4	78·3	81·5	92·8	70·8	115	V	35	I	*Year.*

Table X.—Mean hourly and extreme dry bulb temperatu

(*Readings at*

Month/Hours I.S.T.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																	NAGI
January	61·5	60·5	59·4	58·5	57·4	56·7	56·2	59·3	68·2	73·3	77·1	80·0	81·5	82·4	82·8	82·9	82·2
February	65·2	63·7	62·6	61·0	59·9	59·6	59·2	63·4	72·2	77·4	80·9	83·4	85·5	86·9	87·7	87·8	87·2
March	74·7	73·7	72·3	70·9	69·8	68·6	68·8	76·2	82·5	87·6	90·9	93·5	95·5	96·7	97·7	97·5	96·7
April	*83·1*	*81·3*	*80·5*	*79·1*	*77·9*	*77·2*	*79·3*	*86·8*	*91·6*	95·5	98·3	101·0	102·8	103·9	104·5	104·5	103·3
May	87·9	86·7	85·7	84·7	83·8	83·4	86·5	89·5	93·1	96·6	99·3	101·4	103·2	103·8	104·8	104·6	103·1
June	80·8	79·9	79·6	79·3	79·1	78·8	79·2	81·3	84·2	86·6	88·5	90·2	91·4	92·2	91·6	89·0	86·8
July	76·8	76·5	76·2	76·0	75·7	75·7	76·2	77·7	79·7	80·7	81·9	83·5	83·7	83·7	84·2	84·2	83·7
August	77·3	77·0	76·9	76·3	76·3	76·3	76·8	78·1	80·1	82·2	83·5	84·5	85·0	84·5	85·2	84·6	84·2
September	76·5	76·3	75·9	75·8	75·5	75·4	76·1	77·9	79·8	81·5	82·8	83·4	84·3	84·3	83·4	82·5	81·3
October	72·7	72·2	72·1	71·3	71·0	70·7	71·6	75·1	78·3	80·8	83·0	84·2	85·0	85·4	85·3	84·4	82·5
November	60·0	59·2	58·4	57·9	57·0	56·4	56·5	63·3	70·5	75·2	78·5	80·4	81·7	82·3	82·5	82·0	80·0
December	60·6	59·2	57·9	56·8	55·9	55·3	54·8	60·0	67·5	72·7	76·5	79·3	80·9	81·8	82·1	81·5	79·9
Year	73·1	72·2	71·5	70·6	69·9	69·5	70·1	74·0	78·0	82·5	85·1	87·1	88·4	89·0	89·3	88·8	87·6
																	BARO
January	63·0	61·8	60·6	59·5	58·3	57·5	57·0	56·9	65·6	74·3	80·7	85·0	87·6	88·9	89·6	89·1	87·7
February	66·1	64·6	63·2	61·5	59·9	58·6	57·6	57·7	67·7	75·8	81·0	84·3	87·1	88·1	89·8	89·9	88·9
March	74·5	70·5	71·9	71·1	68·9	67·3	66·0	68·1	77·1	85·1	90·4	94·5	97·4	99·2	99·9	100·0	99·1
April	81·5	80·0	78·4	77·0	75·8	74·9	74·5	78·7	85·2	90·2	95·1	99·2	102·4	104·2	105·1	105·2	104·7
May	85·5	84·5	84·1	83·3	82·6	81·9	82·1	85·0	89·0	92·1	95·7	99·0	101·9	104·0	105·1	105·7	104·8
June	85·1	86·4	86·3	83·9	83·2	82·9	83·1	84·9	88·5	90·1	92·5	95·0	97·0	98·0	95·6	99·1	99·4
July	80·9	80·7	80·3	80·1	82·5	79·7	79·8	81·0	83·6	84·6	86·1	87·5	89·2	89·3	89·4	88·2	87·5
August	79·0	78·8	78·3	78·0	77·5	77·5	77·3	78·6	82·1	83·7	85·8	87·2	88·3	89·1	92·5	89·2	88·1
September	78·7	78·4	78·0	77·9	77·5	77·6	77·5	74·9	81·7	83·6	89·1	90·8	88·5	88·8	88·8	81·2	86·2
October	75·8	75·0	74·5	74·1	73·7	73·1	72·7	74·9	81·8	85·5	89·5	91·9	93·5	94·3	94·1	93·2	91·1
November	62·9	61·9	60·9	60·1	59·7	58·7	58·0	60·9	73·7	81·7	86·3	89·4	91·2	91·7	91·8	90·6	87·8
December	58·0	57·0	55·3	54·1	53·3	52·8	52·1	52·8	63·5	72·9	78·7	82·8	85·0	86·5	86·9	86·2	84·0
Year	74·3	73·3	72·7	71·7	71·1	70·2	69·8	71·2	78·3	83·3	87·6	94·5	92·4	93·5	94·1	93·1	92·4
																	BOM
January	73·5	73·2	72·7	72·3	71·8	71·4	71·2	73·1	75·2	77·0	79·1	81·2	82·3	82·8	82·6	81·9	80·2
February	72·9	72·3	71·9	71·3	70·9	70·4	70·7	73·0	75·1	77·3	79·3	80·9	81·7	82·1	82·1	81·3	80·0
March	77·7	77·2	76·9	76·4	75·9	75·7	76·1	78·5	80·7	82·7	84·1	85·0	85·5	85·6	85·6	84·9	83·8
April	80·7	80·3	79·9	79·7	79·4	79·4	80·4	82·3	84·1	85·6	86·6	87·5	88·1	88·4	88·4	87·9	86·5
May	82·9	82·7	82·6	82·4	82·1	82·3	83·2	84·4	85·7	87·1	88·0	88·6	89·0	89·2	89·0	88·3	87·2
June	81·8	81·5	81·5	81·3	81·1	81·0	81·1	81·8	82·8	83·8	84·9	85·3	85·7	85·7	85·6	85·1	84·6
July	81·3	81·3	81·0	81·2	81·2	81·0	81·0	81·5	82·2	82·9	83·3	83·4	83·9	83·8	83·6	83·1	83·0
August	79·9	79·8	79·6	79·6	79·3	79·4	79·7	80·2	81·1	81·8	82·2	82·9	83·0	83·1	83·2	82·9	82·2
September	78·8	78·3	78·3	78·2	78·2	77·9	78·3	79·1	79·8	80·4	81·0	81·7	81·8	82·1	82·0	81·7	81·0
October	79·5	79·2	79·0	78·8	78·6	78·4	79·1	80·5	81·8	82·9	84·0	84·7	85·2	85·7	85·5	85·0	83·8
November	75·9	75·6	75·0	74·6	74·2	73·9	74·5	76·8	78·8	80·8	82·9	84·8	85·9	86·1	85·5	84·6	82·2
December	72·0	71·5	70·8	70·6	70·2	70·1	70·2	72·6	74·9	72·0	79·4	81·3	82·5	82·7	82·5	81·5	79·7
Year	78·1	77·7	77·4	77·2	76·9	76·7	77·1	78·7	80·2	81·2	82·9	83·9	84·5	84·8	84·6	84·0	82·9

* Hours in this case refer to L.M.T.

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

t 12 stations for the year 1949—*contd.*

S. T.)

	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Extreme Max.	Date.	Min.	Date.	Month/Hours I.S.T.
3·7	70·8	68·0	66·2	64·4	62·5	69·3	83·4	55·8	89	23	52	9	January.
8·7	75·5	72·9	70·5	68·8	66·9	73·4	88·3	58·6	97	21	47	8	February.
9·3	85·4	83·0	81·1	78·7	76·6	83·4	98·2	67·3	104	30	58	1	March.
5·2	91·6	89·4	87·6	*86·0*	*84·4*	91·3	105·3	*76·1*	112	29, 30	67	3	April.
6·1	94·3	92·5	91·2	89·9	88·9	93·9	106·2	82·3	113	11	76	29	May.
4·6	83·8	82·9	81·9	81·2	80·6	84·1	93·7	77·5	101	7	72	9	June.
0·9	79·6	78·9	78·2	77·6	77·2	79·6	86·4	75·2	92	25	72	17	July.
0·8	79·5	78·8	78·4	78·0	77·7	80·2	86·8	75·5	93	31	73	9	August.
8·7	77·9	77·2	77·0	76·7	76·4	78·9	86·2	74·9	91	28	71	17	September.
8·3	77·2	75·7	75·0	73·8	73·0	77·4	86·4	70·5	91	21	62	26, 27	October.
2·2	69·1	66·5	64·5	62·5	61·2	68·9	82·9	56·0	89	24	49	14	November.
1·8	68·8	66·6	64·7	63·0	61·3	68·1	82·6	54·6	87	1, 19	49	18	December.
1·7	79·5	77·7	76·4	75·1	73·9	79·0	90·5	68·7	113	V	47	II	*Year.*
6·7	72·9	70·4	68·2	65·9	64·6	72·4	90·7	56·3	97	22	49	4	January.
0·9	75·5	72·6	70·7	69·2	67·4	73·5	91·0	56·8	101	17	40	7	February
1·9	85·9	82·0	79·9	77·7	71·0	82·8	100·8	67·7	109	29	54	5	March.
8·0	92·1	88·3	86·2	84·5	82·9	89·9	106·2	74·2	111	27	67	15	April.
7·6	93·7	90·1	91·3	87·3	92·2	92·3	106·6	81·7	114	23	78	7, 8	May.
3·0	90·0	88·4	86·6	86·0	85·6	89·5	100·6	82·9	103	19, 20	80	5	June.
4·3	82·7	82·5	81·4	81·4	80·9	83·4	91·8	79·3	101	5	76	8	July.
4·0	82·1	81·1	80·6	80·1	79·6	82·2	90·4	77·1	96	27	74	25	August.
2·0	85·5	80·1	79·3	79·5	78·8	81·9	89·9	76·7	93	7	72	21	September.
3·0	79·9	78·7	77·5	76·4	75·8	82·6	95·5	72·4	99	20	57	31	October.
5·1	71·4	68·8	66·9	65·4	64·1	72·4	93·3	57·9	97	17	51	21	November.
0·9	67·2	64·7	62·2	60·3	59·1	67·7	88·2	51·7	93	19	47	24	December.
4·8	81·6	79·0	77·6	76·1	75·2	80·9	95·4	69·6	114	V	40	II	*Year.*
7·2	76·6	76·1	75·3	74·7	73·6	76·4	83·4	71·8	88	7	69	22	January.
6·7	76·1	75·5	74·9	74·3	73·1	76·1	82·0	71·9	99	18	62	25	February.
0·8	80·3	79·7	79·2	78·5	81·0	80·6	86·4	75·6	92	26	70	8	March.
3·3	82·8	82·4	82·0	81·5	83·0	83·5	88·7	79·0	90	7	76	13	April.
4·7	84·0	83·7	83·6	83·2	82·0	85·1	89·8	81·4	92	8	77	31	May.
3·1	82·7	82·6	82·3	82·1	81·5	83·0	86·8	79·7	89	19	76	4	June.
1·9	81·9	81·7	81·7	81·6	80·1	82·1	85·0	79·3	88	3	76	13	July.
1·0	80·6	80·6	80·4	80·2	78·9	81·0	84·2	78·0	86	27	75	9	August.
9·8	79·5	79·1	79·1	79·0	79·7	79·8	83·2	76·7	86	13	72	2	September.
1·8	81·4	80·9	80·5	80·0	76·2	81·5	86·2	78·0	93	23	73	31	October.
9·4	79·1	78·5	77·5	76·8	72·7	79·0	86·7	74·8	90	2	72	17	November.
6·8	76·1	75·2	74·2	73·2	71·7	75·4	83·0	69·5	87	15	65	24	December.
0·5	80·1	79·7	79·2	78·8	78·2	80·3	85·5	76·3	99	II	62	II	*Year.*

Table X.—Mean hourly and extreme dry bulb Temperatur

(Readings at exa

Month/Hours I.S.T.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
																		POON
January	62·5	61·1	60·0	58·9	57·9	56·9	56·0	56·0	63·7	71·1	77·5	81·5	84·3	86·1	86·9	86·4	84·8	81·
February	63·3	61·5	60·1	58·7	57·3	56·4	55·6	56·0	65·3	73·9	80·3	84·3	87·3	89·4	90·2	90·3	88·4	85·
March	73·0	71·2	69·7	68·1	66·6	66·0	65·0	65·9	74·8	84·0	89·4	93·0	96·4	98·1	98·9	98·1	96·7	93·
April	76·5	75·0	73·8	72·6	71·4	70·1	69·3	73·0	82·0	88·1	93·4	97·3	98·9	100·7	101·0	99·5	97·3	94·
May	76·8	76·0	75·5	75·0	74·3	73·9	73·9	77·0	81·9	86·2	89·6	92·8	93·9	95·2	94·8	92·7	89·5	86·
June	74·9	74·5	74·2	73·9	73·7	73·4	73·8	76·4	79·4	82·0	84·0	85·5	86·8	86·9	86·4	85·3	83·3	81·
July	73·9	73·7	73·4	73·2	73·0	72·8	73·0	74·9	77·3	79·3	80·5	81·5	82·0	82·1	81·7	81·1	79·9	78·
August	72·3	72·2	71·9	71·7	71·5	71·3	71·5	72·9	75·5	77·4	79·0	80·7	81·4	81·6	80·6	80·0	78·6	77·
September	72·0	71·8	71·6	71·4	71·1	70·9	70·8	72·9	75·4	77·5	79·2	80·6	81·1	81·1	80·4	79·0	77·7	76·
October	72·0	71·3	70·8	70·3	69·9	69·5	69·2	71·1	75·6	79·7	82·8	85·1	86·5	87·4	86·9	86·1	84·2	81·
November	64·4	63·0	61·8	60·6	59·5	58·4	57·7	60·8	68·9	75·5	81·1	83·7	85·5	86·8	87·1	86·9	84·8	81·
December	60·0	58·5	57·1	55·9	54·5	53·7	52·7	54·4	62·6	70·3	77·3	82·1	84·6	86·1	86·6	86·5	84·1	80·
Year	70·1	69·1	68·3	67·5	66·7	66·1	65·7	67·6	73·5	78·7	82·8	85·7	87·4	88·5	88·5	87·7	85·8	83·
																	MADRAS (Meenambakkam)	
January*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
February	72·6	71·8	71·2	70·7	70·2	69·7	70·0	72·8	78·1	81·3	84·3	86·1	86·8	86·7	86·0	84·6	82·6	80·
March	76·6	75·9	75·0	74·6	74·4	74·0	74·9	78·3	*82·4*	*85·6*	*88·6*	*90·7*	*91·6*	*91·3*	*90·6*	*88·9*	*86·8*	*83·*
April	82·8	82·3	82·0	81·4	81·1	80·8	82·2	85·1	*88·0*	*90·4*	*92·5*	*94·2*	*94·9*	*94·1*	*93·2*	*91·9*	*89·7*	*87·*
May	*84·1*	*83·8*	*83·5*	*83·1*	*82·7*	*82·4*	*83·2*	*85·8*	*88·1*	*90·0*	*91·8*	*93·3*	*93·1*	*92·1*	*91·6*	*90·5*	*88·7*	*86·*
June†	82·3	82·1	82·0	81·7	81·4	81·2	81·9	83·8	86·4	87·9	90·0	91·0	92·2	93·2	93·3	92·9	90·5	88·
July	81·0	80·4	80·1	79·7	79·3	79·3	80·1	*81·5*	83·9	85·6	87·6	89·0	90·5	90·9	91·0	90·4	88·7	86·
August	81·1	80·2	79·7	79·3	79·1	78·8	79·1	80·3	82·9	84·8	87·0	88·0	89·9	90·5	90·9	90·2	88·7	86·
September	80·8	79·7	79·4	79·1	78·8	78·4	78·6	80·4	82·7	84·4	86·0	87·2	88·2	89·1	89·4	88·7	87·3	85·
October	79·5	79·2	78·8	78·5	78·1	77·9	78·4	80·5	*83·3*	*85·2*	*87·1*	88·2	88·9	89·4	88·5	*86·6*	*84·4*	*82·*
November	74·0	73·4	73·0	72·5	72·3	72·1	72·5	75·5	79·3	81·4	82·8	83·6	84·1	83·9	83·6	82·8	80·8	78·
December	71·6	70·8	70·2	69·7	69·5	69·1	69·1	71·8	76·6	79·3	81·2	82·2	82·5	82·3	81·9	80·9	79·7	77·
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
																	KODAIKANAL	
January	48·8	48·3	47·7	47·8	47·9	48·3	48·9	50·5	55·0	56·9	59·2	63·5	60·2	9·7	59·1	57·8	56·3	53·
February	49·0	48·4	48·0	48·0	47·8	47·6	48·1	49·8	54·3	57·1	59·6	60·9	61·7	61·9	61·3	60·1	59·1	55·
March	53·5	53·1	52·7	52·5	52·5	52·3	53·0	57·0	60·9	63·3	65·5	66·4	66·0	65·8	65·3	64·3	62·4	59·
April	56·3	56·0	55·8	55·7	55·7	55·5	56·5	59·0	62·0	64·4	65·7	66·7	66·9	66·0	65·7	64·5	63·3	61·
May	56·7	56·7	56·8	56·6	56·4	56·4	57·3	59·8	62·2	64·1	64·7	65·2	64·7	64·0	63·0	62·0	61·0	59·
June	56·1	55·8	55·6	55·5	55·5	55·2	55·7	57·5	59·7	61·0	61·9	62·2	62·1	61·3	60·9	60·1	58·7	57·
July	55·4	54·6	54·6	54·6	54·4	54·6	55·1	56·7	58·3	59·8	60·8	61·0	60·5	60·5	59·8	58·3	57·7	56·
August	54·7	54·5	54·4	54·2	54·1	54·1	54·4	56·3	58·6	60·3	61·4	61·8	61·6	61·3	60·6	60·2	58·7	57·
September	54·5	54·5	54·2	54·3	54·3	54·2	54·7	56·4	58·3	60·3	60·8	61·7	61·6	60·8	59·9	58·7	57·7	56·
October	54·1	53·8	53·7	53·4	53·5	53·3	53·9	55·4	58·3	59·9	61·7	61·0	60·4	60·0	59·2	57·6	57·1	56·
November	50·8	50·4	50·3	50·2	50·3	50·3	50·8	53·3	55·1	57·0	58·1	58·1	58·3	58·4	58·1	57·5	56·1	53·
December	48·9	48·9	48·9	49·1	49·0	49·2	49·7	52·7	56·0	58·5	59·8	60·2	60·2	60·2	59·6	58·1	56·7	52·
Year	53·2	52·9	52·7	52·7	52·6	52·6	53·2	55·4	58·2	60·2	61·6	62·4	62·0	61·7	61·0	59·9	58·7	56·

* Data not available. † Data for 26 days only. Figures in italics are means of data which are not available for a complete month.

: 12 stations for the year 1949—*contd.*

I.S.T.)

20	21	22	23	24	mean	Mean of Max.	Mean of Min.	Extreme Max.	Extreme Date	Extreme Min.	Extreme Date	Month/Hours I.S.T.
73·0	70·0	67·8	64·8	64·0	70·4	88·7	55·6	95	24	50	10, 17	January.
76·4	73·2	70·1	67·5	65·3	68·8	92·2	55·1	100	20	41	7	February.
85·4	83·0	80·5	77·8	75·4	81·6	100·8	64·3	106	12, 27	57	1	March.
87·0	84·4	82·2	80·3	78·2	84·5	102·6	69·2	110	27	62	13	April.
81·7	80·3	79·3	78·5	77·5	82·7	96·6	73·6	105	7	69	2	May.
78·2	76·8	76·1	75·5	75·1	79·1	88·8	73·2	92	18, 19	68	11	June.
75·6	75·0	74·5	74·3	74·1	76·9	83·8	72·4	88	2, 3, 10	70	16	July.
74·6	73·8	73·3	72·9	72·6	75·4	83·1	70·8	89	28	68	26	August.
74·0	73·4	72·9	72·5	72·1	75·0	82·9	70·3	89	18	68	8	September.
76·5	75·3	74·3	73·5	72·7	77·1	89·1	69·1	93	31	59	31	October.
72·7	70·7	68·9	67·2	65·6	72·0	88·9	57·6	95	23	49	16	November.
70·9	68·0	65·5	63·4	61·7	68·8	88·6	52·5	93	2	47	22	December
77·2	75·3	73·8	72·3	71·2	76·0	90·5	65·3	110	IV	41	II	*Year.*
..	..	..	..	..	..	..	..	..	..	..	..	January.
77·5	76·6	75·8	74·8	73·5	77·7	87·8	69·4	95	21	65	20, 27	February.
81·0	80·2	79·5	78·7	77·8	*81·5*	*92·4*	73·6	99	13	69	12	March.
84·9	84·4	84·1	83·6	83·2	*86·7*	96·1	80·7	107	21	78	4	April.
85·3	*85·0*	*84·9*	*84·7*	*84·6*	*86·9*	95·1	81·9	106	2	75	21	May.
84·7	84·4	84·0	83·2	82·9	86·2	94·5	80·3	98	13	75	21	June.
83·5	83·0	82·6	81·9	81·5	*84·2*	92·1	78·5	95	24, 26	75	4	July.
83·0	82·3	81·4	81·3	81·2	83·8	92·2	77·9	96	4	74	7	August.
82·6	82·0	81·8	81·5	81·4	83·2	90·5	77·7	94	15	72	20	September.
81·5	81·0	80·7	80·5	80·0	*82·5*	90·7	77·4	97	10	74	18	October .
77·0	76·4	75·7	75·2	74·5	77·6	84·9	71·9	89	14	67	9	November.
75·3	74·5	73·5	72·8	72·1	75·0	85·8	68·7	86	12	63	31	December.
..	..	..	..	..	..	..	..	..	..	..	..	*Year.*
49·6	49·0	48·9	48·9	48·7	52·7	61·1	46·9	67	14	42	26	January.
51·3	50·5	50·2	50·0	49·3	53·4	62·9	46·9	68	25	43	16	February.
55·3	54·4	54·0	54·0	53·9	58·1	66·9	51·7	71	15	47	10	March.
57·6	57·2	57·2	57·0	56·6	60·1	67·9	54·8	71	26	52	17	April.
57·3	57·1	57·0	56·9	56·9	59·6	66·6	54·7	73	1	52	21	May
56·1	55·9	56·0	56·0	56·0	57·9	64·0	54·1	68	13	51	28	June.
55·4	55·2	55·2	55·0	55·0	56·9	62·5	53·3	67	9	50	13	July.
55·7	55·5	55·3	55·1	55·0	57·1	63·1	53·5	67	10	52	6	August.
54·7	54·8	54·6	54·7	54·5	56·3	62·6	53·4	66	11	51	22	September.
55·1	54·5	54·5	54·4	54·3	56·2	62·5	52·8	67	29	52	16	October.
52·1	51·8	51·4	51·1	51·0	53·6	59·8	48·8	64	13	45	9	November.
50·0	49·6	49·4	49·1	48·7	53·2	61·8	47·1	69	30	44	29	December.
54·2	53·8	53·6	53·5	53·3	56·3	63·5	51·5	73	V	42	I	*Year.*

Table XA—Frequency of the number of hours when temperature was within specified limits at 12 stati for the year 1949.

Month/Temperature °F	≤35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100	101-105	106-110	111-115	116-120	>1
CALCUTTA																			
January	..	..	..	..	14	154	199	103	104	144	26	..	..	..	..	..	..	..	
February	..	..	..	..	15	67	115	95	128	98	90	42	21	1	..	..	..	..	
March	..	..	..	..	..	..	15	37	124	195	115	109	117	32	..	..	..	..	
April	..	..	..	..	..	..	..	22	83	145	216	150	87	3	..	..	..	..	
May	..	..	..	..	..	..	..	9	71	96	260	169	110	23	3	..	..	..	
June	..	..	..	..	..	..	..	..	7	141	229	164	135	13	3	..	..	..	
July	..	..	..	..	..	..	..	..	..	118	411	173	33	..	..	..	..	..	
August	..	..	..	..	..	..	..	..	..	113	405	191	35	..	..	..	..	..	
September	..	..	..	..	..	..	..	..	2	153	349	156	58	..	..	..	..	..	
October	..	..	..	..	..	..	..	4	45	273	236	134	52	..	..	..	..	..	
November	..	..	..	..	..	59	129	156	123	141	101	11	..	..	..	..	..	..	
December	..	..	..	2	124	180	117	85	132	88	11	1	..	..	..	..	..	..	
Year	..	..	..	2	153	460	575	511	819	1,635	2,449	1,300	648	72	6	..	..	..	
JAMSHEDPUR																			
January	..	..	..	10	83	184	156	84	113	100	14	..	..	..	..	..	..	..	
February	..	..	..	8	34	96	139	100	96	81	56	40	22	..	..	..	..	..	
March	..	..	..	..	..	11	35	92	126	124	99	101	112	39	5	..	..	..	
April	..	..	..	..	..	..	..	22	87	158	131	110	101	67	20	..	..	..	
May	..	..	..	..	..	..	..	..	35	138	230	127	119	74	21	..	..	..	
June	..	..	..	..	..	..	..	..	2	120	224	197	106	58	7	..	..	..	
July	..	..	..	..	..	..	..	..	..	238	358	118	30	..	..	..	..	..	
August	..	..	..	..	..	..	..	..	7	251	349	116	13	..	..	..	..	..	
September	..	..	..	..	..	..	..	..	..	275	278	152	14	..	..	..	..	..	
October	..	..	..	..	..	..	1	44	68	322	164	133	9	..	..	..	..	..	
November	..	..	..	..	38	121	138	114	111	122	47	5	..	..	..	..	..	..	
December	..	..	..	29	148	120	114	87	136	72	7	..	..	..	..	..	..	..	
Year	..	..	..	47	303	532	583	543	781	2,001	1,957	1,099	526	238	53	..	..	..	
GAYA																			
January	..	..	1	23	140	153	126	109	114	72	6	..	..	..	..	..	..	..	
February	..	..	..	12	51	120	149	109	81	81	47	17	2	..	..	..	..	..	
March	..	..	..	..	..	23	60	112	126	103	103	97	88	25	7	..	..	..	
April	..	..	..	..	..	..	..	3	58	134	150	120	115	102	37	1	..	..	
May	..	..	..	..	..	..	..	7	21	48	166	157	143	113	73	16	..	..	
June	..	..	..	..	..	..	..	..	..	61	136	154	147	107	58	50	7	..	
July	..	..	..	..	..	..	..	..	..	127	402	122	85	8	..	..	..	..	
August	..	..	..	..	..	..	..	..	..	226	333	133	52	..	..	..	..	..	
September	..	..	..	..	..	..	..	..	..	171	315	161	73	..	..	..	..	..	
October	..	..	..	..	..	..	16	42	90	209	178	145	61	..	..	..	..	..	
November	..	..	..	4	82	139	128	92	91	123	59	2	..	..	..	..	..	..	
December	..	..	12	141	130	118	89	88	141	25	..	..	..	..	..	..	..	..	
Year	..		13	180	403	553	568	562	722	1,380	1,895	1,108	766	355	175	67	7	..	

le XA—Frequency of the number of hours when temperature was within specified limits at 12 stations for the year 1949—*contd.*

Temperature °F	≤35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100	101-105	106-110	111-115	116-120	>120
ALLAHABAD (BAMRAULI)																			
y	..	..	..	25	132	137	148	100	132	56	5	..	..	..	..	..	..	..	..
ry	..	..	..	9	51	75	158	139	88	68	59	25	..	..	..	..	..	..	..
	..	..	..	..	..	9	51	114	144	102	108	106	70	27	13	..	..	..	..
	..	..	..	..	..	..	..	1	26	83	148	124	114	116	85	22	..	..	..
	..	..	..	..	..	..	..	..	..	23	84	161	169	126	126	42	13	..	..
	..	..	..	..	..	..	..	..	..	..	69	122	186	138	116	79	7	..	..
	..	..	..	..	..	..	..	..	..	99	321	181	88	31	22	2	..	..	..
	..	..	..	..	..	..	..	..	..	237	327	132	46	1	..	..	..	..	..
ber	..	..	..	..	..	..	..	..	2	126	354	158	78	..	..	..	..	..	..
	..	..	..	..	..	..	28	46	107	173	159	124	72	9	12	..	..	..	..
ber	..	..	..	..	74	148	127	97	89	138	26	..	..	..	..	..	..	..	..
er	..	..	..	143	162	120	85	87	138	9	..	..	..	..	..	..	..	..	..
	..	..	..	177	419	489	597	584	746	1,114	1,670	1,133	823	448	344	145	20	..	..
NEW DELHI																			
	..	2	23	90	150	153	116	85	106	17	..	..	..	..	..	..	..	..	..
y	..	..	3	31	100	148	135	81	74	54	18	..	..	..	..	..	..	..	..
	..	..	..		4	52	114	125	143	121	103	43	28	5	..	..	..	..	..
	..	..	..	..	..	..	..	11	77	125	125	94	111	105	61	11	..	..	..
	..	..	..	..	..	..	..	..	3	11	113	176	136	130	123	51	1	..	..
	..	..	..	..	..	..	..	..	3	23	42	113	191	160	160	38	..	..	..
	..	..	..	..	..	..	..	..	1	190	224	135	109	39	38	5	..	..	..
	..	..	..	..	..	..	..	..	..	61	319	193	141	24	..	..	..	..	..
ber	..	..	..	..	..	..	..	..	27	111	243	148	135	38	..	..	..	..	..
	..	..	..	..	..	10	43	84	172	131	85	70	102	2	..	..	..	..	..
ber	..	..	..	18	134	146	115	67	81	94	58	2	..	..	..	..	..	..	..
er	..	..	32	164	150	104	80	113	92	..	..	..	..	..	..	..	..	..	..
	..	2	58	303	538	613	603	566	779	938	1,330	974	953	493	382	105	1	..	..
JODHPUR																			
	..	7	11	12	61	140	165	127	81	76	63	1	..	..	..	..	..	..	..
y	..	..	..	13	39	87	126	132	88	81	77	27	2	..	..	..	..	..	..
	..	..	..	..	..	10	43	86	114	114	114	146	48	23	20	..	..	..	..
	..	..	..	..	..	..	..	4	25	58	147	106	88	112	108	57	..	..	..
	..	..	..	..	..	..	..	..	..	..	55	116	142	130	163	68	36	..	..
	..	..	..	..	..	..	..	..	..	28	64	168	185	194	74	..	..	..	..
	..	..	..	..	..	..	..	..	..	143	204	196	117	74	9	..	..	..	..
	..	..	..	..	..	..	..	..	..	221	247	184	66	24	2	..	..	..	..
ber	..	..	..	..	..	..	..	..	4	56	233	165	141	99	22	..	..	..	..
	..	..	..	..	1	6	3	54	84	139	144	128	96	76	..	..	..	..	..
ber	..	..	..	..	5	62	150	157	96	97	82	71	..	..	..	..	..	..	..
ber	..	..	..	14	99	165	142	107	103	99	15	..	..	..	..	..	..	..	..
	..	7	11	39	205	470	629	667	595	1,112	1,445	1,308	885	732	398	125	36	..	..

Table XA—Frequency of the number of hours when temperature was within specified limits at 12 stati for the year 1949—*contd.*

Month/Temperature °F	<35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100	101-105	106-110	111-115	116-120	>
NAGPUR																			
January	..	..	..	..	44	153	110	102	89	111	112	23	..	..	..	..	..	..	
February	..	..	..	5	28	53	100	109	100	74	82	66	52	3	..	..	..	..	
March	..	..	..	..	..	8	24	67	99	120	100	87	113	110	16	..	..	..	
April	..	..	..	..	..	..	..	7	44	83	103	111	100	89	96	65	11	..	
May	..	..	..	..	..	..	..	..	..	30	131	149	125	106	111	89	3	..	
June	..	..	..	..	..	..	..	..	38	216	230	98	80	56	2	..	..	..	
July	..	..	..	..	..	..	..	..	112	355	195	80	2	..	..	..	..	..	
August	..	..	..	..	..	..	..	..	90	364	184	95	11	..	..	..	..	..	
September	..	..	..	..	..	..	..	..	129	366	164	60	1	..	..	..	..	..	
October	..	..	..	..	..	..	19	59	258	174	139	95	..	..	..	..	..	..	
November	..	..	..	2	91	108	96	96	85	135	81	26	..	..	..	..	..	..	
December	..	..	..	7	75	141	109	107	83	120	90	12	..	..	..	..	..	..	
Year	..	..	..	14	238	463	458	547	1,127	2,148	1,611	902	484	364	225	154	14	..	
BARODA																			
January	..	..	..	3	47	93	128	96	72	60	58	92	65	2	..	..	..	..	
February	..	1	9	18	21	39	106	92	99	73	68	68	43	30	..	..	..	..	
March	..	..	..	..	2	17	42	80	91	106	79	57	82	101	49	9	..	..	
April	..	..	..	..	..	..	..	14	44	129	124	90	59	72	120	59	..	..	
May	..	..	..	..	..	..	..	..	..	34	190	156	91	85	126	45	11	..	
June	..	..	..	..	..	..	..	..	2	148	115	164	116	138	30	..	..	..	
July	..	..	..	..	..	..	..	..	..	259	252	124	51	28	1	..	..	..	
August	..	..	..	..	..	..	..	..	4	316	199	132	53	1	..	..	..	..	
September	..	..	..	..	..	..	..	..	20	232	129	122	18	..	..	..	..	..	
October	..	..	..	..	..	6	10	21	129	207	97	92	128	33	..	..	..	..	
November	..	..	..	..	50	110	93	92	74	52	52	106	86	5	..	..	..	..	
December	..	..	..	39	117	141	98	49	55	51	105	87	2	..	..	..	..	..	
Year	..	1	9	60	237	406	477	444	590	1,667	1,468	1,290	794	495	326	113	11	..	
BOMBAY																			
January	..	..	..	..	..	..	..	32	272	272	148	20	..	..	..	..	..	..	
February	..	..	..	..	..	..	16	45	226	235	123	22	4	1	..	..	..	..	
March	..	..	..	..	..	..	..	4	95	236	279	120	8	2	..	..	..	..	
April	..	..	..	..	..	..	..	..	..	115	362	237	6	..	..	..	..	..	
May	..	..	..	..	..	..	..	..	..	25	393	279	47	..	..	..	..	..	
June	..	..	..	..	..	..	..	..	..	77	486	157	..	..	..	..	..	..	
July	..	..	..	..	..	..	..	..	..	118	548	78	..	..	..	..	..	..	
August	..	..	..	..	..	..	..	..	..	249	470	25	..	..	..	..	..	..	
September	..	..	..	..	..	..	..	..	3	385	315	17	..	..	..	..	..	..	
October	..	..	..	..	..	..	..	..	6	240	372	123	3	..	..	..	..	..	
November	..	..	..	..	..	..	..	..	147	290	200	83	..	..	..	..	..	..	
December	..	..	..	..	..	..	..	90	273	222	150	9	..	..	..	..	..	..	
Year	..	..	..	..	..	..	16	171	1,022	2,464	3,846	1,170	68	3	..	..	..	..	

e XA—Frequency of the number of hours when temperature was within specified limits at 12 stations for the year 1949—*contd.*

Temperature °F	≤35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100	101-105	106-110	111-115	116-120	>120
POONA																			
. .	..	..	..	..	52	125	122	99	71	71	128	63	11	..	..	..	..	..	..
y . .	..	..	9	11	31	92	107	79	63	68	69	75	57	11	..	..	..	..	..
. .	..	..	..	..	..	29	63	83	90	83	90	77	96	94	39	..	..	..	..
. .	..	..	..	..	..	..	7	56	123	99	91	73	79	116	45	7	..	..	..
. .	..	..	..	..	..	..	..	8	146	213	111	82	71	85	4	..	..	..	..
. .	..	..	..	..	..	..	..	11	246	199	151	103	10	..	..	..	..	..	..
.. .	..	..	..	..	..	..	..	4	309	252	123	18	..	..	..	..	..	..	..
. .	..	..	..	..	..	..	..	43	408	200	75	18	..	..	..	..	..	..	..
ber . .	..	..	..	..	..	..	..	55	394	185	78	8	..	..	..	..	..	..	..
. .	..	..	..	..	..	3	11	95	266	128	122	102	17	..	..	..	..	..	..
ber . .	..	..	..	13	57	61	98	102	89	85	110	91	14	..	..	..	..	..	..
er . .	..	..	..	22	97	120	111	74	67	57	117	72	7	..	..	..	..	..	..
. .	..	..	9	46	237	430	519	709	2,272	1,640	1,265	782	362	306	88	7	..	..	..
MADRAS (MEENAMBAKKAM)																			
* . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
y . .	..	..	..	..	..	..	1	78	190	175	142	64	17	..	..	..	..	..	..
. .	..	..	..	..	..	..	..	5	127	216	164	135	68	5	..	..	..	..	..
. .	..	..	..	..	..	..	..	..	..	36	353	145	109	27	15	..	..	..	..
. .	..	..	..	..	..	..	..	..	1	43	259	211	97	32	6	..	..	..	..
. .	..	..	..	..	..	..	..	..	..	58	269	160	96	29	..	..	..	..	..
. .	..	..	..	..	..	..	..	..	6	161	310	175	91	..	..	..	..	..	..
. .	..	..	..	..	..	..	..	..	25	156	309	162	91	..	..	..	..	..	..
ber . .	..	..	..	..	..	..	..	..	21	168	326	162	43	..	..	..	..	..	..
. .	..	..	..	..	..	..	..	..	11	281	261	127	50	1	..	..	..	..	..
ber . .	..	..	..	..	..	..	..	48	204	240	198	30	..	..	..	..	..	..	..
er . .	..	..	..	..	..	..	6	142	239	170	186	..	..	..	..	..	..	..	..
. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
KODAIKANAL																			
. .	..	..	33	301	185	141	80	4	..	..	..	..	..	..	..	..	..	..	..
y . .	..	..	37	216	186	126	99	8	..	..	..	..	..	..	..	..	..	..	..
. .	..	..	..	53	270	160	158	101	2	..	..	..	..	..	..	..	..	..	..
. .	..	..	..	..	112	322	152	132	2	..	..	..	..	..	..	..	..	..	..
. .	..	..	..	..	109	371	188	67	3	..	..	..	..	..	..	..	..	..	..
. .	..	..	..	..	182	384	147	7	..	..	..	..	..	..	..	..	..	..	..
. .	..	..	..	..	295	342	107	..	..	..	..	..	..	..	..	..	..	..	..
. .	..	..	..	..	309	293	139	3	..	..	..	..	..	..	..	..	..	..	..
ber . .	..	..	..	..	308	204	127	1	..	..	..	..	..	..	..	..	..	..	..
. .	..	..	..	..	399	260	84	1	..	..	..	..	..	..	..	..	..	..	..
ber . .	..	..	1	146	362	164	47	..	..	..	..	..	..	..	..	..	..	..	..
er . .	..	..	23	263	220	151	85	2	..	..	..	..	..	..	..	..	..	..	..
. .	..	..	94	979	2,937	2,918	1,413	326	7	..	..	..	..	..	..	..	..	..	.

* Data not available.

Table XB—Frequency of days when Maximum Temperature was within specified limits at 12 stati for the year 1949.

Month/Maximum Temperature °F	V/80	81-85	86-90	91-95	96-100	101-105	106-110	111-115	116-120	A 120
CALCUTTA										
January	11	20	..	..	..	..	..	..	..	..
February	5	10	8	4	1	..	..	..	..	..
March	..	..	5	15	11	..	..	..	..	..
April	..	1	6	21	2	..	..	..	..	..
May	2	1	4	17	6	1	..	..	..	..
June	..	..	5	18	5	2	..	..	..	..
July	..	2	14	15	..	..	..	..	..	..
August	..	4	13	14	..	..	..	..	..	..
September	..	3	9	18	..	..	..	..	..	..
October	..	1	9	21	..	..	..	..	..	..
November	..	24	6	..	..	..	..	..	..	..
December	20	9	2	..	..	..	..	..	..	..
Year	38	75	81	143	25	3	..	..	..	..
JAMSHEDPUR										
January	22	9	..	..	..	..	..	..	..	..
February	7	9	6	6	..	..	..	..	..	..
March	..	..	2	13	12	4	..	..	..	..
April	..	1	2	9	8	8	1	..	..	..
May	..	..	4	8	12	7	..	..	..	..
June	1	..	3	11	12	3	..	..	..	..
July	..	4	16	10	1	..	..	..	..	..
August	..	6	15	10	..	..	..	..	..	..
September	..	2	18	10	..	..	..	..	..	..
October	1	1	21	8	..	..	..	..	..	..
November	12	14	2	..	..	..	..	..	..	..
December	26	4	..	..	..	..	..	..	..	..
Year	69	50	89	85	45	22	1	..	..	..
GAYA										
January	27	4	..	..	..	..	..	..	..	..
February	15	8	3	2	..	..	..	..	..	..
March	..	3	5	15	6	1	1	..	..	..
April	..	..	..	4	9	15	2	..	..	..
May	..	..	1	5	7	12	6	..	..	..
June	..	2	1	3	8	6	6	4	..	..
July	..	5	11	11	4	..	..	..	..	..
August	1	5	14	11	..	..	..	..	..	..
September	..	1	10	19	..	..	..	..	..	..
October	1	1	13	16	..	..	..	..	..	..
November	14	15	1	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..
Year	89	44	59	86	34	34	15	4	..	..

Month/Maximum Temperature °F	V/80	81-85	86-90	91-95	96-100	101-105	106-110	111-115	116-120
ALLAHABAD (BAMRAULI)									
January	27	3	..	..	..	..	..	..	..
February	12	9	7	..	..	..	..	..	..
March	..	2	9	15	2	2	1	..	..
April	..	..	..	1	8	14	7	..	..
May	..	..	..	1	5	14	8	3	..
June	..	..	..	2	4	10	11	3	..
July	..	3	12	9	3	2	2	..	..
August	1	10	9	11	..	..	..	..	..
September	..	3	13	14	..	..	..	..	..
October	3	1	8	16	..	3	..	..	..
November	20	10	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..
Year	94	41	58	69	22	45	29	6	..
NEW DELHI									
January	31	..	..	..	..	..	..	..	..
February	20	5	..	..	..	..	..	..	..
March	6	11	9	4	..	..	..	..	..
April	..	..	..	3	13	7	7	..	..
May	..	..	..	..	7	9	14	1	..
June	..	..	..	..	4	12	14	..	..
July	2	6	6	10	2	4	1	..	..
August	..	2	2	18	9	..	..	..	..
September	..	2	5	13	10	..	..	..	..
October	1	2	4	17	3	..	..	..	..
November	15	13	2	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..
Year	106	41	28	65	48	32	36	1	..
JODHPUR									
January	14	15	2	..	..	..	..	..	..
February	11	11	5	1	..	..	..	..	..
March	..	1	6	11	3	4	..	..	..
April	..	..	..	..	2	17	7	3	..
May	..	..	..	..	..	6	11	10	..
June	..	..	..	1	6	18	2	..	..
July	..	2	9	7	7	6	..	..	..
August	..	3	10	13	4	1	..	..	..
September	..	..	1	9	10	10	..	..	..
October	..	1	6	6	15	3	..	..	..
November	5	9	15	1	..	..	..	..	..
December	24	7	..	..	..	..	..	..	..
Year	54	49	54	49	47	65	20	13	..

e XB.—Frequency of days when Maximum Temperature was within specified limits at 12 stations for the year 1949—*contd.*

nth/Maximum Temperature °F	≤80	81-85	86-90	91-95	96-100	101-105	106-110	111-115	116-120	>120
NAGPUR										
y	3	20	8	..	..	..	..	..	..	..
ry	3	6	8	9	2	..	..	..	..	..
	..	..	..	6	18	7	..	..	..	..
	..	..	..	..	6	9	11	4	..	..
	..	..	..	..	3	8	18	2	..	..
	..	4	7	2	15	2	..	..	..	..
	2	9	18	2	..	..	..	..	..	..
	1	9	17	4	..	..	..	..	..	..
ber	3	6	18	3	..	..	..	..	..	..
	2	7	21	1	..	..	..	..	..	..
ber	10	13	7	..	..	..	..	..	..	..
ber	8	16	7	..	..	..	..	..	..	..
	32	90	111	27	44	26	29	6	..	..
BARODA										
y	2	2	8	17	2	..	..	..	..	..
ry	3	3	7	8	7	..	..	..	..	..
	..	..	..	3	11	13	4	..	..	..
	..	..	..	..	1	13	13	3	..	..
	..	..	..	..	..	9	18	4	..	..
	..	..	..	..	8	22	..	..	..	..
	..	2	12	9	3	5	..	..	..	..
	..	..	16	13	2	..	..	..	..	..
ber	1	..	12	17	..	..	..	..	..	..
	..	..	..	14	17	..	..	..	..	..
ber	..	..	4	22	4	..	..	..	..	..
ber	..	3	25	3	..	..	..	..	..	..
	6	10	84	106	55	62	35	7	..	..
BOMBAY										
y	2	21	8	..	..	..	..	..	..	..
ry	3	19	4	..	..	..	..	..	..	..
	..	7	17	2	..	..	..	..	..	..
	..	..	28	1	..	..	..	..	..	..
	..	1	15	15	..	..	..	..	..	..
	..	3	27	..	..	..	..	..	..	..
	1	12	18	..	..	..	..	..	..	..
	..	19	12	..	..	..	..	..	..	..
ber	5	16	9	..	..	..	..	..	..	..
	..	8	22	1	..	..	..	..	..	..
ber	..	6	23	1	..	..	..	..	..	..
er	2	23	3	..	..	..	..	..	..	..
	13	135	186	20	..	..	..	..	..	..

Month/Maximum Temperature °F	≤80	81-85	86-90	91-95	96-100	101-105	106-110	111-115	116-120	>120
POONA										
January	..	5	15	10	..	..	..	..	..	..
February	..	4	4	13	7	..	..	..	..	..
March	..	..	..	2	8	19	2	..	..	..
April	..	..	..	1	8	14	6	..	..	..
May	..	..	4	4	16	6	..	..	..	..
June	..	3	17	10	..	..	..	..	..	..
July	5	18	8	..	..	..	..	..	..	..
August	5	18	8	..	..	..	..	..	..	..
September	4	22	4	..	..	..	..	..	..	..
October	..	2	18	11	..	..	..	..	..	..
November	..	5	15	10	..	..	..	..	..	..
December	..	2	22	7	..	..	..	..	..	..
Year	14	79	115	68	39	39	8	..	..	..
MADRAS (MEENAMBAKKAM)										
January*	..	..	..	..	..	..	..	..	..	..
February	..	8	12	7	1	..	..	..	..	..
March	..	..	8	17	4	..	..	..	..	..
April	..	..	..	14	7	2	2	..	..	..
May	..	1	3	11	5	5	1	..	..	..
June	..	..	4	10	12	..	..	..	..	..
July	..	..	4	27	..	..	..	..	..	..
August	..	..	6	22	3	..	..	..	..	..
September	..	2	12	16	..	..	..	..	..	..
October	..	2	12	15	2	..	..	..	..	..
November	1	18	11	..	..	..	..	..	..	..
December	..	30	1	..	..	..	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..
KODAIKANAL										
January	31	..	..	..	..	..	..	..	..	..
February	28	..	..	..	..	..	..	..	..	..
March	31	..	..	..	..	..	..	..	..	..
April	30	..	..	..	..	..	..	..	..	..
May	30	..	..	..	..	..	..	..	..	..
June	30	..	..	..	..	..	..	..	..	..
July	31	..	..	..	..	..	..	..	..	..
August	31	..	..	..	..	..	..	..	..	..
September	27	..	..	..	..	..	..	..	..	..
October	31	..	..	..	..	..	..	..	..	..
November	30	..	..	..	..	..	..	..	..	..
December	31	..	..	..	..	..	..	..	..	..
Year	361	..	..	..	..	..	..	..	..	..

* Data not available.

Table XC—Frequency of days when Minimum Temperature was within specified limits at 12 sta for the year 1949.

Month/Minimum Temperature °F	≤35	36—40	41—45	46—50	51—55	56—60	61—65	66—70	71—75	76—80	81—85	86—90	>90
CALCUTTA													
January	..	..	..	..	8	19	4	..	..	..	..	..	..
February	..	..	..	..	4	12	8	2	3	..	..	..	..
March	..	..	..	..	..	1	1	9	15	5	..	..	..
April	..	..	..	..	..	..	..	2	13	10	5	..	..
May	..	..	..	..	..	..	..	2	10	6	13	..	..
June	..	..	..	..	..	..	..	..	4	12	14	..	..
July	..	..	..	..	..	..	..	..	..	20	11	..	..
August	..	..	..	..	..	..	..	..	2	20	9	..	..
September	..	..	..	..	..	..	..	..	2	24	4	..	..
October	..	..	..	..	..	..	..	3	5	23	..	..	..
November	..	..	..	..	..	14	7	8	1	..	..	..	..
December	..	..	..	6	17	5	3	..	..	..	..	..	..
Year	..	..	..	6	29	51	23	26	55	120	56	..	..
JAMSHEDPUR													
January	..	..	..	3	14	14	..	..	..	..	..	..	..
February	..	..	..	3	6	12	6	1	..	..	..	..	..
March	..	..	..	..	..	3	6	13	8	1	..	..	..
April	..	..	..	..	..	..	..	7	13	6	3	..	..
May	..	..	..	..	..	..	..	1	6	15	9	..	..
June	..	..	..	..	..	..	..	..	1	16	11	2	..
July	..	..	..	..	..	..	..	..	..	27	4	..	..
August	..	..	..	..	..	..	..	..	2	25	4	..	..
September	..	..	..	..	..	..	..	..	..	29	..	1	..
October	..	..	..	..	..	..	1	4	10	16	..	..	..
November	..	..	..	..	11	9	7	1	1	..	..	..	..
December	..	..	..	8	15	3	3	..	..	..	..	..	..
Year	..	..	..	14	46	41	23	27	41	135	31	3	..
GAYA													
January	..	..	1	4	21	3	1	1	..	..	..	..	..
February	..	..	..	3	10	8	6	1	..	..	..	..	..
March	..	..	..	..	..	6	12	10	2	1	..	..	..
April	..	..	..	..	..	..	..	3	11	15	1	..	..
May	..	..	..	..	..	..	..	2	4	10	13	2	..
June	..	..	..	..	..	..	.	..	1	10	9	7	3
July	..	..	..	..	..	..	..	..	..	17	14	..	..
August	..	..	..	..	..	..	..	..	..	25	6	..	..
September	..	..	..	..	..	..	..	..	..	20	10	..	..
October	..	..	..	..	..	..	4	4	7	16	..	..	..
November	..	..	..	1	17	9	2	..	..	..	..	..	..
December	..	..	4	23	3	1	..	..	..	..	..	..	..
Year	..	..	5	31	51	27	25	21	25	114	53	9	3

Month/Minimum Temperature °F	≤35	36—40	41—45	46—50	51—55	56—60	61—65	66—70	71—75	76—80	81—85	86—90
ALLAHABAD (BAMRAULI)												
January	..	..	..	7	16	6	1	..	..	..	..	..
February	..	..	..	..	9	7	10	2	..	..	..	..
March	..	..	..	..	..	4	9	12	5	1	..	..
April	..	..	..	..	..	..	..	1	6	15	7	1
May	..	..	..	..	..	..	..	..	1	3	14	13
June	..	..	..	..	..	..	..	..	..	..	15	7
July	..	..	..	..	..	..	..	..	..	11	17	2
August	..	..	..	..	..	..	..	..	..	22	9	..
September	..	..	..	..	..	..	..	..	1	17	12	..
October	..	..	..	..	..	..	7	2	5	16	1	..
November	..	..	..	..	17	12	1	..	..	..	..	..
December	..	..	2	23	5	1	..	..	..	..	..	..
Year	..	..	2	30	47	30	28	17	18	85	75	23
NEW DELHI												
January	..	2	4	12	12	1	..	..	..	..	..	..
February	..	..	1	5	13	6	..	..	..	..	..	..
March	..	..	..	1	1	11	11	7	..	..	..	..
April	..	..	..	..	..	..	..	8	12	10	..	..
May	..	..	..	..	..	..	..	..	1	7	16	6
June	..	..	..	..	..	..	..	..	1	3	4	16
July	..	..	..	.	..	..	..	..	1	16	7	5
August	..	..	..	..	..	..	..	..	..	16	15	..
September	..	..	..	..	..	..	..	..	4	14	12	..
October	..	..	..	..	..	5	4	11	10	..	..	..
November	..	..	..	6	18	5	1	..	..	..	..	..
December	..	..	8	19	3	.	..	.	..	..	..	..
Year	..	2	13	43	47	28	16	26	29	66	54	27
JODHPUR												
January	1	1	1	2	11	11	4	..	..	..	..	..
February	..	..	..	4	4	12	8	..	..	..	..	..
March	..	..	..	..	..	2	6	10	6	1	..	..
April	..	..	..	..	..	..	..	2	12	8	7	..
May	..	..	..	..	..	..	..	..	..	..	14	10
June	..	..	..	..	..	..	..	..	..	3	12	11
July	..	..	..	..	..	..	..	..	..	17	13	1
August	..	..	..	..	..	..	..	..	..	26	5	..
September	..	..	..	..	..	..	..	..	1	17	12	..
October	..	..	..	..	1	1	1	10	7	11	..	..
November	..	..	..	..	6	15	9	..	..	..	..	..
December	..	..	1	8	18	4	..	..	..	..	..	..
Year	1	1	2	14	40	45	28	22	26	83	63	22

Table XC—Frequency of days when Minimum Temperature was within specified limits at 12 stations for the year 1949—*contd.*

Month/Minimum Temperature °F.	≤35	36—40	41—45	46—50	51—55	56—60	61—65	66—70	71—75	76—80	81—85	86—90	>90
NAGPUR.													
nuary	..	..	..	..	16	13	2	..	..	..	..	..	..
bruary	..	..	..	2	5	10	11	..	..	..	..	..	..
rch	..	..	..	..	..	2	8	15	6	..	..	..	..
ril	..	..	..	..	..	..	..	1	13	9	6	..	..
y	..	..	..	..	..	..	..	..	..	11	15	5	..
ne	..	..	..	..	..	..	..	..	9	16	5	..	..
y	..	..	..	..	..	..	..	..	15	16	..	..	..
gust	..	..	..	..	..	..	..	..	17	14	..	..	..
tember	..	..	..	..	..	..	..	..	19	11	..	..	..
tober	..	..	..	..	..	..	4	8	19	..	..	..	..
vember	..	..	..	1	14	11	2	2	..	..	..	..	..
cember	..	..	..	4	15	12	..	..	..	..	..	..	..
ar	..	..	..	7	50	48	27	26	98	77	26	5	..
BARODA.													
nuary	..	..	..	2	16	10	2	1	..	..	..	..	..
bruary	..	1	2	2	3	12	7	1	..	..	..	..	..
rch	..	..	..	..	2	7	7	8	6	1	..	..	..
ril	..	..	..	..	..	..	..	4	12	14	..	..	..
y	..	..	..	..	..	..	..	..	..	10	18	3	..
ne	..	..	..	..	..	..	..	..	..	1	28	1	..
y	..	..	..	..	..	..	..	..	..	25	6	..	..
gust	..	..	..	..	..	..	..	..	5	26	..	..	..
tember	..	..	..	..	..	..	..	..	8	22	..	..	..
ober	..	..	..	..	..	2	1	4	20	4	..	..	..
vember	..	..	..	3	11	8	6	2	..	..	..	..	..
cember	..	..	2	14	13	2	..	..	..	..	..	..	..
ar	..	1	4	21	45	41	23	20	51	103	52	4	..
BOMBAY.													
uary	..	..	..	..	..	..	..	3	21	..	..	..	..
ruary	..	..	..	..	..	..	..	..	19	..	..	..	..
rch	..	..	..	..	..	..	..	..	16	13	..	..	..
il	..	..	..	..	..	..	..	..	..	21	9	..	..
y	..	..	..	..	..	..	..	..	..	7	24	..	..
e	..	..	..	..	..	..	..	..	..	18	12	..	..
y	..	..	..	..	..	..	..	..	..	20	11	..	..
gust	..	..	..	..	..	..	..	..	..	30	1	..	..
tember	..	..	..	..	..	..	..	..	5	23	2	..	..
ober	..	..	..	..	..	..	..	..	2	28	1	..	..
vember	..	..	..	..	..	..	..	..	9	10	..	..	..
cember	..	..	..	..	..	..	1	12	12	..	..	..	..
ar	..	..	..	..	..	..	1	15	84	170	60	..	..

Month/Minimum Temperature °T.	≤35	36—40	41—45	46—50	51—55	56—60	61—65	66—70	71—75	76—80	81—85	86—90	>90
POONA.													
January	..	..	..	1	15	13	2	..	..	..	..	..	..
February	..	..	2	3	6	14	3	..	..	..	..	..	..
March	..	..	..	..	..	9	9	7	4	2	..	..	..
April	..	..	..	..	..	..	4	16	8	1	..	..	..
May	..	..	..	..	..	..	..	5	18	7	..	..	..
June	..	..	..	..	..	..	..	2	27	1	..	..	..
July	..	..	..	..	..	..	..	1	28	..	..	..	..
August	..	..	..	..	..	..	..	10	21	..	..	..	..
September	..	..	..	..	..	..	..	14	16	..	..	..	..
October	..	..	..	..	..	1	2	15	13	..	..	..	..
November	..	..	..	7	5	5	9	4	..	..	..	..	..
December	..	..	..	7	19	5	..	..	..	..	..	..	..
Year	..	..	2	18	45	47	29	74	135	11	..	..	..
MADRAS (MEENAMBAKKAM).													
January*	..	..	..	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	18	10	..	..	..	..
March	..	..	..	..	..	..	..	4	19	8	..	..	..
April	..	..	..	..	..	..	..	..	..	13	16	..	..
May	..	..	..	..	..	..	..	..	1	4	21	..	..
June	..	..	..	..	..	..	..	..	1	11	12	..	..
July	..	..	..	..	..	..	..	..	3	23	5	..	..
August	..	..	..	..	..	..	..	..	4	24	3	..	..
September	..	..	..	..	..	..	..	..	5	22	3	..	..
October	..	..	..	..	..	..	..	..	5	25	1	..	..
November	..	..	..	..	..	..	..	11	15	4	..	..	..
December	..	..	..	..	..	..	1	22	8	..	..	..	..
Year	..	..	..	..	..	..	..	..	..	..	..	..	..
KODAIKANAL.													
January	..	..	10	20	1	..	..	..	..	..	..	..	..
February	..	..	7	20	1	..	..	..	..	..	..	..	..
March	..	..	..	12	19	..	..	..	..	..	..	..	..
April	..	..	..	..	19	11	..	..	..	..	..	..	..
May	..	..	..	..	22	9	..	..	..	..	..	..	..
June	..	..	..	..	28	2	..	..	..	..	..	..	..
July	..	..	..	..	31	..	..	..	..	..	..	..	..
August	..	..	..	..	31	..	..	..	..	..	..	..	..
September	..	..	..	..	27	..	..	..	..	..	..	..	..
October	..	..	..	..	31	..	..	..	..	..	..	..	..
November	..	..	2	19	9	..	..	..	..	..	..	..	..
December	..	..	8	23	..	..	..	..	..	..	..	..	..
Year	..	..	27	94	219	22	..	..	..	..	..	..	..

* Data not available.

Table XI—Mean hourly and extreme Wet-bulb Temperatures (

(*Readings at*

Hours (I.S.T.) Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																	CALCUT
January	59·6	59·2	58·8	58·5	58·2	57·9	57·6	58·2	60·9	63·0	63·8	64·2	64·8	60·0	63·7	63·6	63·9
February	61·6	61·2	60·7	60·2	59·9	59·6	59·2	59·9	62·1	64·2	64·4	65·0	65·6	65·1	64·9	64·0	63·8
March	70·2	70·0	70·0	69·9	69·8	69·5	69·4	70·4	71·1	71·7	71·7	71·9	72·3	71·4	70·9	70·7	70·5
April	74·2	74·2	74·3	74·2	74·3	74·5	74·9	76·1	77·1	78·1	78·2	78·5	78·7	78·6	78·2	77·9	77·4
May	77·4	77·4	77·4	77·4	77·4	77·3	77·7	78·4	79·2	79·7	80·1	80·6	80·8	80·4	79·9	79·7	79·1
June	79·1	79·1	79·3	79·4	79·4	79·4	79·7	80·5	81·3	82·3	82·8	82·6	82·9	82·8	82·7	82·1	81·3
July	79·4	79·3	79·1	78·9	78·8	78·7	79·0	79·6	80·3	81·0	81·2	81·4	81·4	81·4	81·1	81·1	80·9
August	79·5	79·7	79·1	79·0	78·9	79·1	79·1	79·6	80·2	80·8	81·0	81·1	81·4	81·3	81·0	81·1	80·8
September	79·2	79·2	79·0	78·8	78·6	78·5	78·8	79·3	80·0	80·4	80·8	81·1	81·1	81·3	81·3	81·2	80·7
October	76·6	76·5	76·4	76·2	76·1	75·8	76·4	77·7	78·5	79·0	79·4	79·3	79·4	78·9	78·4	78·0	78·0
November	62·9	62·8	62·1	62·1	61·4	60·9	60·8	62·7	65·0	66·4	67·2	67·9	67·4	66·5	66·9	66·3	66·9
December	55·6	55·2	55·0	54·3	53·8	53·3	52·8	54·2	58·0	60·0	60·4	61·5	61·5	60·7	60·4	60·0	60·8
Year	71·3	71·1	70·9	70·7	70·5	70·4	70·5	71·4	72·8	73·9	74·3	74·6	74·8	74·0	74·1	73·8	73·7
																	JAMSHED
January	58·1	57·8	57·4	57·0	56·6	56·3	56·1	56·2	57·7	58·7	59·5	60·1	60·5	60·6	60·9	61·0	62·7
February	58·8	58·4	57·9	57·5	57·1	56·7	56·6	57·1	58·6	59·4	60·1	60·7	61·1	61·5	61·9	61·9	62·0
March	65·2	64·8	64·5	64·1	63·7	63·4	63·4	64·1	65·3	65·9	66·5	66·7	66·9	67·1	67·4	67·4	67·5
April	71·9	71·8	71·7	71·6	71·4	71·4	71·7	72·1	73·3	74·1	74·4	74·6	74·9	74·8	74·6	74·1	73·6
May	76·1	76·0	75·9	75·8	75·7	75·8	75·9	76·2	76·7	77·7	78·1	78·6	78·9	79·0	78·8	78·9	78·6
June	78·3	78·1	78·2	78·2	78·2	78·2	78·2	78·5	78·7	79·2	79·5	79·8	80·0	80·1	80·0	80·1	79·6
July	78·4	78·4	78·4	78·4	78·3	78·3	78·3	78·4	78·3	78·7	78·9	78·9	79·0	79·1	79·0	78·9	78·8
August	77·8	77·8	77·7	77·7	77·7	77·7	77·7	77·7	78·1	78·1	78·2	78·1	78·3	78·2	78·3	78·2	78·2
September	77·9	77·9	77·8	77·7	77·7	77·6	77·6	78·0	78·3	78·7	78·9	79·0	79·1	79·1	79·1	79·0	78·7
October	73·9	73·8	73·7	73·5	73·4	73·3	73·4	73·7	74·5	75·1	75.5	75·7	75·9	76·0	75·9	75·7	75·6
November	60·3	60·1	59·8	59·5	59·2	58·9	58·9	59·4	60·5	61·4	62·2	62·7	63·2	63·5	63·6	63·6	63·7
December	56·1	55·8	55·5	55·2	55·0	54·7	54·7	55·1	56·6	57·1	57·1	58·6	59·2	59·6	59·5	59·6	59·1
Year	69·4	69·2	69·0	68·8	68·7	68·5	68·5	68·9	69·7	70·3	70·7	71·7	71·4	71·5	71·6	71·5	72·3
																	GA
January	52·8	52·1	51·4	50·9	50·3	49·9	49·6	51·1	54·8	57·5	59·7	61·5	62·9	63·6	64·5	64·5	61·8
February	57·2	56·7	56·0	55·9	55·5	55·1	55·0	56·1	57·7	59·1	60·3	60·9	61·5	62·1	62·3	62·5	61·9
March	61·8	61·4	61·0	60·8	60·5	60·1	60·3	61·5	63·4	64·9	65·6	66·5	66·8	64·0	67·1	67·9	68·2
April	72·5	72·3	72·1	71·7	71·6	71·3	71·7	72·4	73·7	74·0	74·5	74·8	75·0	75·3	75·4	75·3	75·1
May	76·4	76·3	76·1	76·0	75·8	75·9	76·1	76·3	76·4	76·7	77·1	77·3	77·5	77·7	77·8	77·7	77·6
June	77·5	77·8	77·7	77·6	77·1	77·0	77·5	77·8	77·8	77·7	77·9	78·5	79·5	78·7	78·8	78·9	78·8
July	79·3	79·1	79·1	79·2	79·1	79·1	79·2	79·3	79·7	79·8	80·0	80·0	80·1	80·3	80·5	80·4	80·2
August	78·9	78·9	78·8	78·8	78·4	78·6	78·7	78·8	79·1	79·3	79·5	79·6	80·0	80·1	80·0	80·0	80·0
September	79·1	79·1	79·0	79·0	78·9	78·8	78·8	79·0	79·3	79·6	79·7	79·9	79·8	80·0	80·0	79·9	79·7
October	73·0	72·9	72·6	72·5	72·2	72·0	72·1	72·9	73·4	74·4	74·8	75·0	75·1	75·4	75·5	75·7	75·8
November	57·5	57·0	56·6	56·1	55·7	55·4	55·5	56·7	58·7	60·0	60·7	61·2	61·7	62·0	62·1	62·1	61·9
December	50·2	49·6	48·8	48·8	48·5	48·2	48·1	49·2	52·1	53·9	55·2	55·9	56·3	56·9	56·7	56·6	56·1
Year	68·0	67·8	67·4	67·3	67·0	66·8	66·9	67·6	68·8	70·0	70·4	70·9	71·3	71·3	71·7	71·3	71·4

* Hours in this case refer to L.M.T.

7 stations for the year 1949.

s I. S. T.)

19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Extreme. Max.	Date.	Min.	Date.	Hours (I.S.T.) Month.
63·2	62·3	61·5	61·0	60·6	60·0	61·2	65·0	57·6	68	26	52	8	January.
64·0	63·4	62·7	62·4	62·1	61·9	62·6	66·6	58·8	77	24, 25	50	8	February.
70·3	69·6	69·7	69·9	70·2	70·4	70·5	74·2	66·4	80	31	57	1	March.
76·7	76·0	75·5	75·0	74·7	74·6	76·2	79·8	73·1	83	4 days	67	6, 8, 9	April.
78·8	78·2	77·7	77·5	77·6	77·7	78·6	81·7	75·7	84	6 days	69	6, 7	May.
80·4	80·2	80·0	79·7	79·4	79·4	80·7	84·0	77·9	87	15, 19, 22	73	1, 24	June.
80·5	80·3	80·2	80·1	79·9	79·8	80·2	82·6	78·5	85	2	75	22	July.
80·3	80·1	79·9	79·8	79·7	79·5	80·1	82·3	78·5	85	18, 21	75	6	August.
79·8	79·8	79·8	79·7	79·5	79·4	79·9	82·9	77·9	87	30	74	16	September.
77·8	77·5	77·2	77·0	76·8	76·5	77·6	80·6	75·5	86	2	70	24	October.
65·8	65·1	64·5	64·1	63·7	63·2	64·5	69·1	60·6	75	8, 24	52	26	November.
59·1	58·0	57·3	56·4	56·0	55·5	57·5	63·1	52·7	73	1	48	28	December.
73·1	72·5	72·2	71·9	71·7	71·5	72·5	76·0	69·4	87	VI, IX	48	XII	*Year.*
60·7	60·1	59·7	59·3	58·9	58·4	58·9	62·2	55·7	67	4	49	8	January.
61·7	61·1	60·7	60·3	59·7	59·3	59·6	63·1	56·2	71	24	49	8	February.
67·2	66·6	66·5	66·3	66·1	65·8	65·8	69·5	62·6	75	18	55	1	March.
72·7	72·9	72·9	72·9	72·6	72·2	72·9	76·3	69·8	82	29	63	3	April.
77·7	77·3	77·1	76·8	76·7	76·1	77·1	79·9	74·0	82	31	69	6	May.
79·7	78·8	78·6	78·5	78·4	78·4	78·9	81·1	76·9	83	16	74	5	June.
78·7	78·5	78·5	78·5	78·4	78·4	78·5	79·5	77·8	81	11	77	17, 18	July.
78·0	78·0	78·0	77·9	77·9	77·8	77·9	78·9	77·1	82	11	73	5	August.
78·3	78·3	78·2	78·1	78·0	78·0	78·3	79·5	77·2	81	6	76	30	September.
75·0	74·8	74·6	74·4	74·1	73·9	74·6	76·4	72·9	79	13, 14	66	24, 25	October.
62·6	62·1	61·7	61·3	60·9	60·5	61·4	63·9	58·4	69	24	55	14	November.
58·4	57·8	57·3	56·9	56·6	56·2	57·1	60·0	54·4	68	1	50	19	December.
70·9	70·5	70·3	70·1	69·9	69·6	70·1	72·5	67·7	83	VI	49	I, II	*Year.*
58·8	57·6	56·5	55·5	54·5	53·7	56·4	64·8	49·3	73	17	38	7	January.
60·5	59·9	59·2	58·6	58·1	57·5	58·8	63·3	54·4	71	25	50	28	February.
65·7	65·2	65·3	64·1	63·4	62·8	63·9	68·4	59·8	84	14	51	1	March.
74·1	73·9	73·7	73·5	73·2	72·9	73·5	75·7	70·9	83	19	63	6	April.
77·0	76·8	76·8	76·6	76·4	76·3	76·7	78·8	74·6	84	2	70	7	May.
78·4	78·2	78·0	78·0	77·5	77·5	78·0	79·6	76·6	83	22	73	16	June.
79·8	79·7	79·7	79·6	79·5	79·5	79·6	81·0	78·5	83	2	77	20	July.
79·2	79·5	80·0	79·0	79·0	78·9	79·2	80·5	78·4	84	12	76	21	August.
79·3	79·3	79·3	79·2	79·1	79·1	79·3	80·4	78·4	83	7	75	30	September.
74·2	74·2	74·0	73·8	73·3	73·1	73·9	78·2	71·5	83	19	58	26	October.
60·8	60·3	59·5	58·9	58·5	57·6	59·0	62·4	54·5	71	7	50	25	November.
54·4	54·1	53·2	51·9	51·2	50·4	52·5	56·7	48·1	62	1	43	22	December.
70·2	69·9	69·6	69·0	68·6	68·3	69·2	72·5	66·3	84	III, V, VIII	38	I	*Year.*

Table XI—Mean hourly and extreme Wet-bulb Temperatures (

(*Readings at e*

Hours (I.S.T.) Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1
															ALLAHABAD (BAMRAUL			
January	56·2	56·4	56·4	56·3	56·7	56·7	56·3	54·7	55·1	56·8	56·6	56·9	57·0	57·0	57·1	57·1	57·4	
February	57·9	57·8	57·5	57·4	57·2	56·8	56·6	57·0	57·2	57·9	58·2	58·4	58·8	58·9	59·1	59·2	59·3	
March	61·8	61·5	61·3	60·9	60·6	60·4	60·3	60·6	61·7	62·1	63·2	63·7	64·1	64·5	64·7	64·7	64·2	
April	69·3	69·3	69·0	68·7	68·6	68·4	68·5	69·2	70·1	70·9	71·3	71·3	71·3	71·2	70·9	70·8	70·9	
May	75·7	75·6	75·6	75·6	75·6	75·7	75·8	76·1	76·5	77·1	77·3	77·3	77·3	77·2	77·3	77·2	77·1	
June	73·4	76·1	76·2	76·0	76·3	77·4	76·1	76·2	76·5	76·7	76·6	76·9	77·2	77·4	77·9	77·6	77·7	
July	79·6	79·6	79·6	79·6	79·6	79·6	79·6	79·6	79·5	79·6	79·6	79·6	79·6	79·6	79·6	79·6	79·6	
August	79·3	79·3	79·4	79·4	79·4	79·4	79·4	79·3	79·4	79·5	79·5	79·5	79·5	79·5	79·5	79·5	79·4	
September	79·7	79·7	79·7	79·7	79·7	79·8	79·8	79·8	79·8	79·6	79·6	79·6	79·6	79·5	79·5	79·5	79·5	
October	70·7	70·4	70·2	70·0	69·7	69·6	69·6	70·5	72·1	73·8	74·8	75·8	76·3	76·8	76·9	76·6	75·9	
November	56·5	56·1	55·7	55·3	54·8	54·3	54·1	55·4	57·5	59·7	61·0	61·7	62·3	62·7	62·9	62·9	63·2	
December	53·1	52·6	52·4	52·2	51·8	51·6	51·3	51·3	52·2	53·7	54·1	54·5	54·7	54·9	55·0	55·2	55·7	
Year	67·8	67·9	67·7	67·6	67·5	67·5	67·3	67·5	68·1	68·9	69·3	69·6	69·8	69·9	70·0	70·0	70·0	
																	BOMBAY	
January	67·8	67·7	67·5	67·2	66·7	66·8	66·5	67·4	68·6	69·1	69·1	69·3	70·3	70·9	71·6	71·9	71·9	
February	69·0	69·0	69·0	68·4	68·1	67·3	67·3	68·5	69·1	69·6	70·1	70·7	70·8	70·7	71·0	71·0	70·3	
March	72·6	72·6	72·2	71·4	71·6	71·4	71·2	72·1	72·7	73·0	73·9	74·7	75·3	75·5	75·6	75·4	75·1	
April	75·9	75·7	75·5	75·4	75·3	75·4	76·2	77·0	77·1	77·4	77·8	78·3	78·3	78·3	78·3	78·1	77·6	
May	77·9	77·8	77·7	77·6	77·5	77·6	78·0	78·5	79·1	79·6	79·7	80·0	80·3	80·4	80·3	80·1	80·0	
June	77·8	77·6	77·6	77·6	77·5	77·6	77·7	78·1	78·4	79·0	79·6	79·8	80·2	80·0	79·7	79·3	79·2	
July	78·4	78·4	78·0	78·3	78·3	78·0	78·1	78·4	79·0	79·3	79·6	79·6	80·0	79·7	79·6	79·2	79·1	
August	77·2	77·0	77·1	77·1	76·8	77·1	77·2	77·5	78·1	78·4	78·6	79·1	79·0	78·9	78·9	78·5	78·1	
September	76·6	76·3	76·3	76·3	76·3	76·2	76·6	77·1	77·5	77·8	78·1	78·4	78·3	78·4	78·5	78·1	77·4	
October	76·8	76·7	76·6	76·6	76·6	76·4	76·9	77·5	78·0	78·3	78·2	78·9	79·3	79·5	79·5	79·4	78·5	
November	72·0	71·8	71·4	71·3	70·9	70·5	71·0	71·5	71·8	72·2	72·5	72·7	73·4	74·2	74·9	74·7	73·9	
December	67·5	67·4	66·7	66·5	66·1	66·3	66·4	67·4	68·3	69·4	69·5	70·0	70·4	71·0	71·6	71·5	71·0	
Year	74·1	74·0	73·8	73·6	73·5	73·4	73·6	74·3	74·8	75·3	75·6	76·0	76·3	76·5	76·6	76·4	76·0	
																	POON	
January	57·7	57·0	56·3	56·0	55·2	54·8	54·4	54·0	56·3	58·8	61·1	62·8	63·9	64·4	64·5	64·5	64·4	
February	56·8	56·0	55·5	54·7	54·0	53·4	52·9	52·7	54·7	55·9	59·7	61·0	62·3	62·9	63·3	63·4	63·4	
March	62·2	61·3	60·8	60·1	59·4	58·8	58·2	58·4	60·6	62·5	63·8	64·9	66·2	66·6	66·9	67·1	67·1	
April	65·6	65·0	64·3	63·8	63·3	62·7	62·5	63·0	65·0	65·7	66·7	67·5	68·3	68·5	68·9	69·0	69·1	
May	70·3	70·1	69·8	69·7	69·5	69·3	69·2	69·7	71·1	72·0	72·2	72·7	73·1	73·3	73·4	73·2	72·7	
June	71·0	70·9	70·9	70·8	70·7	70·6	70·7	71·1	72·0	72·5	72·9	73·4	73·6	73·7	73·8	73·7	73·4	
July	71·5	71·5	71·3	71·3	71·2	71·1	71·1	71·4	72·3	72·8	73·0	73·4	73·5	73·6	73·6	73·5	73·3	
August	70·7	70·7	70·6	70·6	70·5	70·3	70·3	70·5	71·4	71·8	72·2	72·8	72·9	73·1	73·1	73·0	72·7	
September	70·5	70·5	70·4	70·3	70·2	70·1	70·0	70·3	71·2	71·7	72·2	72·9	73·0	73·1	73·0	72·7	72·4	
October	70·0	69·8	69·6	69·3	69·1	68·6	68·5	68·7	70·1	70·9	71·6	72·4	72·6	72·9	72·8	72·9	72·7	
November	60·8	60·2	59·6	59·7	58·5	57·8	57·4	58·0	60·0	62·1	64·0	65·4	65·7	66·0	66·3	66·3	66·2	
December	56·2	55·6	54·6	54·1	53·4	53·0	52·4	52·6	54·4	57·5	60·2	62·3	63·1	63·6	63·6	63·8	63·5	
Year	65·3	64·9	64·5	64·2	63·8	63·4	63·1	63·4	64·9	66·2	67·5	68·5	69·0	69·3	69·4	69·4	69·2	

† Hours in this case refer to L. M. T.

tations for the year 1949—*contd.*

. *S. T.*)

	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Extreme. Max.	Date.	Min.	Date.	Hours (I.S.T.) Month.
57·1	56·9	57·0	56·8	56·4	56·4	56·4	58·7	53·5	67	27, 28	43	18	January.
58·9	58·8	58·6	58·3	58·1	57·9	58·1	60·3	55·9	67	24	48	7	February.
64·4	63·9	63·5	63·2	62·7	62·4	62·7	67·7	62·3	70	29	53	16	March.
71·0	70·5	70·2	70·0	69·7	67·3	70·4	73·6	68·1	79	30	63	2	April.
77·1	76·8	76·3	76·1	75·9	75·8	76·4	78·8	74·3	86	28	70	17	May.
77·4	76·7	77·0	76·6	76·8	76·5	76·6	78·0	75·4	85	24	68	15	June.
79·6	79·6	79·6	79·6	79·6	79·7	79·6	80·2	75·7	83	29	77	3	July.
79·4	79·4	79·4	79·4	79·3	79·3	79·5	80·4	79·5	84	16	76	5, 6	August.
79·4	79·4	79·4	79·4	79·4	79·5	79·6	80·4	78·9	83	23	75	30	September.
73·1	71·9	71·7	71·5	70·9	70·6	72·6	78·0	68·5	82	1	55	22	October.
60·4	59·3	58·6	57·9	57·4	56·8	58·8	64·0	53·3	73	4	49	2	November.
55·3	55·0	54·5	54·0	53·6	53·2	53·6	56·3	50·9	63	24	47	16	December.
69·4	69·1	68·9	68·6	68·3	67·9	67·9	71·3	66·3	86	V	43	I	*Year.*
70·8	70·9	70·7	69·8	68·9	69·7	69·3	73·0	64·6	76	8	61	26	January.
69·6	69·3	69·1	68·8	69·1	72·5	69·5	73·5	66·1	78	12, 27	63	14	February.
73·8	73·4	73·3	72·9	72·9	76·2	73·5	76·5	68·8	80	25, 26	64	5	March.
77·0	77·2	77·2	76·9	76·7	78·0	77·0	79·2	74·5	82	29	71	13	April.
78·9	78·8	78·5	78·5	78·2	78·0	78·8	80·9	76·7	83	8	74	24	May.
78·5	78·4	78·3	78·3	78·2	78·3	78·6	81·0	76·0	82	25	73	11, 12	June.
78·5	78·7	78·6	78·5	78·5	77·1	78·7	80·8	76·5	82	3	75	7, 13	July.
77·5	77·7	77·6	77·6	77·4	76·6	77·8	79·9	75·6	81	31	73	9	August.
76·8	76·7	76·7	76·7	76·8	76·8	77·1	79·4	74·9	81	13	73	10	September.
77·8	77·8	77·6	77·5	77·3	72·1	77·6	80·5	75·2	83	22	69	31	October.
73·8	74·0	73·8	72·9	72·3	67·3	72·4	76·6	69·0	81	24	64	13	November.
70·3	70·0	69·4	68·3	67·7	67·4	68·8	72·6	64·9	76	3	61	21	December.
75·3	75·2	75·1	74·7	74·5	74·2	74·9	77·8	71·9	83	V, X	61	I, XII	*Year.*
62·9	61·5	60·8	60·0	59·2	58·4	59·7	64·9	53·6	69	3	49	17	January.
62·3	61·0	60·3	59·5	58·5	57·6	57·2	63·9	52·5	69	2	40	7	February.
66·3	65·8	65·4	65·0	64·3	63·4	63·4	67·7	58·2	75	29	51	6	March.
68·9	68·3	68·0	67·6	67·0	66·3	66·4	70·0	62·4	78	29	57	12	April.
71·8	71·6	71·5	71·4	71·2	70·8	71·2	74·0	68·9	78	25	61	2	May.
72·4	72·1	71·8	71·7	71·5	71·1	72·2	74·0	70·3	76	4	67	12	June.
72·5	72·1	72·0	71·9	71·8	71·6	72·3	73·9	70·9	75	1, 15	69	14	July.
71·9	71·7	71·5	71·3	71·1	70·8	71·6	73·5	70·0	77	31	68	22	August.
71·6	71·4	71·3	71·1	71·0	70·5	71·4	73·3	70·0	75	26	68	11	September.
71·7	71·4	71·2	70·9	70·7	70·1	71·0	73·4	68·4	76	17	57	31	October.
64·7	63·6	62·9	62·3	61·8	61·1	62·3	67·1	57·2	73	19	50	16	November.
61·5	60·3	59·3	58·3	57·5	56·8	58·4	64·3	52·3	68	1	46	19	December.
68·2	67·6	67·2	66·8	66·3	65·7	66·4	70·0	62·9	78	IV, V	40	II	*Year.*

Table XI—Mean hourly and extreme Wet-bulb Temperatures

(*Readings at*

Hours (I.S.T.) / Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																	KODAI KA
January	41·5	41·4	40·7	40·5	40·1	40·1	40·6	41·4	45·0	47·4	48·9	50·1	51·0	51·2	51·3	51·0	50·0
February	42·0	41·6	41·1	41·3	41·2	41·4	40·7	42·0	44·6	46·6	48·3	49·3	51·0	51·7	51·7	51·2	50·6
March	43·9	43·6	43·1	43·0	42·3	42·4	42·4	44·2	47·4	48·3	50·7	51·8	52·6	53·0	53·2	52·6	52·1
April	51·0	50·7	50·3	50·0	49·9	49·9	50·0	51·6	53·1	54·2	55·3	56·3	56·3	56·6	56·5	56·4	55·7
May	53·1	52·8	53·2	52·7	52·4	52·2	52·8	54·3	55·7	56·7	57·2	58·2	58·4	58·4	57·8	57·4	56·3
June	52·3	52·8	52·2	52·4	52·0	52·0	52·5	54·0	55·0	56·2	57·5	58·3	58·3	58·1	57·8	57·3	56·1
July	52·2	52·2	51·9	51·7	51·9	52·0	52·7	53·9	55·1	56·1	56·8	57·5	57·7	57·8	57·2	56·2	55·3
August	52·6	52·0	51·7	51·6	51·6	51·3	51·8	53·2	55·0	56·1	57·0	57·6	57·8	57·8	57·7	57·2	56·8
September	51·7	52·2	51·5	51·0	51·4	51·8	52·2	53·4	55·0	56·4	57·0	58·3	57·7	57·4	56·1	56·0	55·3
October	52·5	52·2	52·1	51·9	51·8	51·5	52·2	53·6	55·4	56·7	57·5	57·3	57·5	57·3	56·7	56·1	54·9
November	48·3	47·9	47·7	46·8	47·1	46·7	47·2	49·1	50·8	52·4	53·3	53·5	54·1	54·3	54·0	53·8	52·5
December	42·5	42·4	42·1	41·9	41·7	41·1	41·8	44·8	46·7	48·4	49·8	50·5	51·1	51·4	51·9	51·1	49·9
Year	48·6	48·5	48·1	47·9	47·8	47·7	48·0	49·6	51·6	53·0	54·1	54·9	55·3	55·4	55·2	54·7	53·8

ations for the year 1949—*contd.*

S. T.)

	20	21	22	23	24	Mean.	Mean of		Extreme.				Hours (I.S.T.) Month.
							Max.	Min.	Max.	Date	Min.	Date.	
6	44·2	43·5	43·2	42·3	41·8	45·8	52·2	59·1	56	11	33	19	January.
0	45·8	44·7	43·8	42·9	42·2	45·5	52·4	39·5	56	19	31	17	February.
2	48·1	47·7	46·7	45·1	44·2	47·4	53·8	40·7	58	16	34	11	March.
4	53·3	53·0	52·4	51·9	51·2	53·1	57·9	48·9	62	27	43	18	April.
8	54·2	53·7	53·9	53·5	53·4	54·9	60·3	47·9	68	1	46	9	May.
3	54·1	53·2	52·9	52·7	52·8	54·6	60·3	50·4	68	22	42	19	June.
0	53·7	53·2	52·9	52·9	52·8	54·3	59·2	49·0	66	9	48	12	July.
8	53·8	53·3	52·8	52·7	52·6	54·3	59·3	50·4	61	4	46	11	August.
1	52·6	52·4	52·1	51·9	51·8	53·9	58·8	50·4	61	28	46	15	September.
5	53·2	53·2	52·8	52·7	52·7	54·1	59·2	51·0	63	29	47	28	October.
0	49·8	49·8	49·1	48·4	48·7	50·3	55·6	45·0	60	4	37	9	November.
6	44·9	44·2	43·4	43·2	42·5	45·8	53·1	39·9	60	6	34	14	December.
3	50·6	50·0	49·7	49·2	48·9	51·2	56·8	56·0	68	V, VI	31	II	*Year.*

Table XI-A—Frequency of days when Maximum Wet-bulb Temperature was within specified limit 7 stations for the year 1949.

Month/Maximum Wet-bulb Temperature °F.	≤40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	>90
CALCUTTA.												
January	..	..	..	..	2	13	14	..	..	..	..	..
February	..	..	..	..	2	11	9	3	2	..	..	..
March	..	..	..	..	..	..	4	15	11	1	..	..
April	..	..	..	..	..	..	..	1	18	11	..	..
May	..	..	..	..	..	..	..	2	2	26	..	..
June	..	..	..	..	..	..	..	..	2	18	7	..
July	..	..	..	..	..	..	..	..	2	28	..	..
August	..	..	..	..	..	..	..	..	3	28	..	..
September	..	..	..	..	..	..	..	..	3	22	3	..
October	..	..	..	..	..	..	..	2	8	19	1	..
November	..	..	..	..	..	4	16	10	..	..	..	..
December	..	..	..	..	3	22	3	1	..	..	..	..
Year	..	..	..	..	7	50	46	34	51	153	11	..
JAMSHEDPUR.												
January	..	..	..	..	7	21	3	..	..	..	..	..
February	..	..	..	2	2	18	5	1	..	..	..	..
March	..	..	..	..	..	4	14	10	..	..	..	..
April	..	..	..	..	..	..	..	14	8	6	..	..
May	..	..	..	..	..	..	..	1	20	10	..	..
June	..	..	..	..	..	..	..	..	9	21	..	..
July	..	..	..	..	..	..	..	1	20	10	..	..
August	..	..	..	..	..	..	..	..	24	7	..	..
September	..	..	..	..	..	..	..	..	26	4	..	..
October	..	..	..	..	..	..	..	10	21	..	..	..
November	..	..	..	..	1	19	8	..	..	..	..	..
December	..	..	..	..	20	8	2	..	..	..	..	..
Year	..	..	..	2	30	70	32	37	128	58	..	..
GAYA												
January	..	..	..	..	4	13	11	3	..	..	..	..
February	..	..	..	2	4	15	6	1	..	..	..	..
March	..	..	..	..	..	8	16	6	..	1	..	..
April	..	..	..	..	..	..	4	11	12	3	..	..
May	..	..	..	..	..	..	..	3	20	8	..	..
June	..	..	..	..	..	..	..	2	16	12	..	..
July	..	..	..	..	..	..	..	..	8	23	..	..
August	..	..	..	..	..	..	..	..	15	16	..	..
September	..	..	..	..	..	..	..	..	12	18	..	..
October	..	..	..	..	..	1	5	3	18	4	..	..
November	..	..	..	..	8	13	5	1	..	..	..	..
December	..	..	..	10	19	2	..	..	..	..	..	..
Year	..	..	..	12	35	52	47	30	101	85	..	..

Month/Maximum Wet-bulb Temperature °F.	≤40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90
ALLAHABAD (BAMRAULI).											
January	..	..	1	6	14	8	2	..	..	..	..
February	..	..	..	5	9	9	5	..	..	..	..
March	..	..	..	..	2	10	17	..	..	..	..
April	..	..	..	..	..	..	3	16	5	..	..
May	..	..	..	..	..	..	..	4	19	6	2
June	..	..	..	..	..	..	..	2	20	7	..
July	..	..	..	..	..	..	..	..	18	13	..
August	..	..	..	..	..	..	..	..	16	15	..
September	..	..	..	..	..	..	..	..	16	14	..
October	..	..	..	..	..	..	..	7	14	10	..
November	..	..	..	..	8	11	7	4	..	..	..
December	..	..	..	10	19	2	..	..	..	..	..
Year	..	..	1	21	52	40	34	33	108	65	2
BOMBAY.											
January	..	..	..	..	..	..	2	25	4	..	..
February	..	..	..	..	..	..	1	19	5	..	..
March	..	..	..	..	..	..	..	8	18	..	..
April	..	..	..	..	..	..	..	..	19	4	..
May	..	..	..	..	..	..	..	..	4	19	..
June	..	..	..	..	..	..	..	..	5	25	..
July	..	..	..	..	..	..	..	..	5	26	..
August	..	..	..	..	..	..	..	..	17	13	..
September	..	..	..	..	..	..	..	..	15	13	..
October	..	..	..	..	..	..	..	..	7	16	..
November	..	..	..	..	..	..	..	7	15	3	..
December	..	..	..	..	..	..	3	22	6	..	..
Year	..	..	..	..	..	..	6	81	120	119	..
POONA.											
January	..	..	..	..	..	17	14	..	..	..	..
February	..	..	..	..	4	20	4	..	..	..	..
March	..	..	..	..	..	8	15	8	..	..	..
April	..	..	..	..	..	..	21	8	1	..	..
May	..	..	..	..	..	..	5	15	11	..	..
June	..	..	..	..	..	..	..	25	5	..	..
July	..	..	..	..	..	..	..	31	..	..	..
August	..	..	..	..	..	..	..	28	3	..	..
September	..	..	..	..	..	..	..	30	..	..	..
October	..	..	..	..	..	1	3	25	2	..	..
November	..	..	..	..	..	12	11	7	..	..	..
December	..	..	..	..	2	19	10	..	..	..	..
Year	..	..	..	..	6	77	83	177	22	..	..

XI-A—Frequency of days when Maximum Wet-bulb Temperature was within specified limits at 7 stations for the year 1949—*contd.*

Month/Maximum Wet-bulb Temperature °F.	<40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	>90
	KODAIKANAL											
January	..	..	7	23	1	..	..	..	..	..	..	..
February	..	..	4	23	1	..	..	..	..	..	..	..
March	..	..	3	18	10	..	..	..	..	..	..	..
April	..	..	1	3	25	1	..	..	..	..	..	..
May	..	..	..	..	17	12	1	..	..	..	..	..
June	..	..	..	..	21	8	1	..	..	..	..	..
July	..	..	..	1	25	4	1	..	..	..	..	..
August	..	..	..	1	19	11	..	..	..	..	..	..
September	..	..	..	4	19	4	..	..	..	..	..	..
October	..	..	..	1	24	6	..	..	..	..	..	..
November	..	..	2	8	20	..	..	..	..	..	..	..
December	..	..	6	19	6	..	..	..	..	..	..	..
Year	..	..	23	101	188	46	3	..	..	..	..	..

Table XII– Mean hourly and extreme Relative Humidity

(Readings at e

Hours I. S. T. Month.	1	2	3	4	5	6	7	8	9	10	11	12	13
													CALC
January	91	93	94	95	96	96	96	96	78	57	49	43	42
February	79	81	82	83	85	85	87	84	65	46	39	35	32
March	84	85	87	89	90	90	84	80	64	45	40	35	33
April	83	81	82	85	86	87	86	82	75	67	62	58	57
May	84	88	89	89	90	90	89	85	79	72	69	66	64
June	89	89	89	89	89	89	88	85	78	73	71	69	68
July	89	89	89	90	90	90	89	88	88	82	79	77	77
August	89	89	89	89	89	89	89	88	83	78	75	74	74
September	90	90	90	91	91	91	90	88	83	77	74	73	70
October	88	88	89	89	89	89	82	76	71	69	62	62	61
November	82	83	83	83	83	80	79	73	64	50	46	45	43
December	83	86	86	86	86	86	86	84	66	49	42	38	35
Year	86	87	87	88	89	89	87	84	75	63	59	56	55
												ALLAHABAD (BAMR	
January	88	91	92	93	93	93	94	91	76	56	48	41	37
February	76	79	81	81	81	82	84	79	67	50	44	37	34
March	48	49	52	54	58	60	60	55	45	35	30	26	23
April	42	46	49	52	55	58	59	53	45	36	29	24	20
May	45	51	53	56	59	61	62	58	51	42	35	30	26
June	45	47	49	51	52	52	51	47	43	39	36	33	30
July	80	80	81	83	82	82	80	78	75	73	71	70	69
August	93	93	93	94	95	94	92	87	85	80	78	77	72
September	93	93	93	93	93	94	93	88	80	71	67	63	62
October	86	91	91	92	93	94	92	83	72	59	52	52	46
November	85	88	89	90	91	93	93	80	63	49	40	34	30
December	81	84	86	87	88	89	89	86	62	47	40	35	32
Year	72	74	76	77	78	79	79	74	64	53	47	43	40
													NEW I
January	70	72	73	74	75	77	77	78	67	54	47	43	38
February	61	63	66	67	70	71	73	71	62	52	44	36	31
March	45	46	48	51	53	55	56	53	45	36	30	27	23
April	28	30	32	34	35	36	38	35	30	24	21	19	16
May	35	36	37	39	42	43	44	40	37	32	29	26	23
June	35	35	36	38	39	40	40	38	36	31	29	27	25
July	78	78	79	80	80	81	80	79	76	72	71	71	69
August	78	79	80	80	80	81	80	75	70	66	62	59	57
September	82	83	83	83	84	83	83	79	72	65	63	61	58
October	55	56	58	60	62	64	64	60	51	42	35	29	26
November	41	43	43	45	46	47	47	46	40	32	26	21	18
December	56	57	58	59	60	60	60	61	52	41	35	30	26
Year	55	57	58	59	61	61	62	60	54	45	41	37	34

*Hours in this case refer to L. M. T.

ations for the year 1949.

I. S. T.)

16	17	18	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Extreme. Max.	Extreme. Min.	Hours I. S. T. Month.
44	47	55	65	72	79	82	86	88	72	97	40	100	30	January.
29	31	36	44	53	60	66	71	79	59	90	29	100	20	February.
32	33	39	46	53	61	69	76	80	61	92	29	98	12	March.
53	60	67	73	78	79	82	84	83	73	90	54	100	42	April.
63	65	73	76	80	84	86	87	87	78	91	60	95	40	May.
73	76	80	83	85	86	87	88	88	79	90	63	95	41	June.
80	82	84	84	86	87	88	89	90	85	91	69	96	58	July.
76	78	81	84	86	87	87	88	88	83	91	69	95	56	August.
76	79	82	85	87	88	89	90	90	84	92	67	95	52	September.
67	71	80	85	87	88	89	87	90	79	93	58	100	33	October.
45	51	60	64	71	76	79	82	83	66	91	41	97	24	November.
38	44	53	62	70	76	80	84	85	66	87	32	96	25	December.
57	60	66	71	76	79	82	84	86	74	91	51	100	12	*Year.*
34	41	51	61	69	73	77	82	85	68	96	32	100	14	January.
29	33	43	50	56	61	66	70	72	59	86	28	100	10	February.
17	17	20	24	28	32	35	39	43	37	62	17	94	5	March.
13	13	14	18	21	25	28	32	38	32	60	12	96	0	April.
23	23	25	28	30	34	37	41	45	41	66	22	98	1	May.
29	30	30	33	35	37	39	42	43	40	55	26	81	5	June.
69	71	73	75	78	79	80	80	80	76	87	64	99	25	July
73	75	81	84	87	89	90	91	92	85	94	67	100		August.
68	70	76	83	87	90	92	92	93	81	95	55	99	37	September.
43	48	58	67	72	78	82	85	87	70	96	40	100	9	October.
29	41	53	63	68	74	79	83	85	65	95	26	100	8	November.
34	43	52	60	66	70	73	75	78	63	92	30	100	17	December.
38	42	48	54	58	62	65	68	70	60	82	35	100	0	*Year*
35	39	45	53	58	62	64	66	69	59	81	33	93	23	January.
26	27	30	38	44	50	53	56	58	50	76	24	95	8	February.
19	19	22	26	31	35	38	40	41	37	59	17	79	0	March.
11	11	12	14	17	20	23	25	26	24	40	12	64	2	April.
20	20	20	22	25	29	31	33	34	31	50	18	73	5	May.
23	23	23	24	25	27	28	30	32	30	40	21	78	1	June.
67	68	69	72	75	77	78	79	79	75	84	62	98	20	July.
57	59	60	65	69	73	75	77	77	70	84	53	91	36	August.
55	57	62	68	72	76	79	81	81	72	87	52	100	32	September.
23	26	30	38	41	46	48	51	53	44	66	23	91	7	October.
15	17	22	28	33	35	37	38	39	33	49	15	65	5	November.
24	25	33	39	45	47	50	52	55	44	64	24	83	14	December.
31	33	36	41	45	48	50	52	54	47	65	29	100	0	*Year.*

Table XII—Mean hourly and extreme Relative Humidity (

(Readings at ex

Hours I. S. T. Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	1
JODH														
January	51	52	53	55	59	59	61	62	59	52	44	38	33	
February	34	36	38	41	44	47	49	50	47	40	34	27	23	
March	26	28	29	31	34	36	38	38	35	30	25	20	18	
April	20	21	23	25	28	31	33	34	31	26	22	17	14	
May	25	28	32	36	41	46	51	50	45	39	33	27	22	
June	43	46	48	51	55	56	60	58	53	48	43	39	35	
July	73	75	77	78	80	81	81	78	74	70	66	61	58	
August	80	83	84	85	86	88	88	84	77	72	66	63	59	
September	65	67	70	73	75	77	79	76	68	61	54	4[illegible]	44	
October	34	36	38	39	40	42	44	44	38	33	28	25	22	
November	25	25	26	28	29	30	31	32	30	27	23	19	17	
December	47	48	50	52	54	55	57	59	54	49	45	43	39	
Year	43	45	47	49	49	54	56	55	51	46	36	36	32	
NAGI														
January	64	65	68	70	72	73	74	70	59	50	43	37	33	
February	51	53	55	57	58	59	61	56	49	43	39	35	32	
March	34	35	36	38	39	41	42	37	30	28	25	22	20	
April	32	34	35	38	39	41	41	36	29	28	26	32	22	
May	46	49	51	52	53	54	52	49	43	39	35	32	29	
June	79	81	81	82	83	80	81	76	67	61	57	53	51	
July	88	89	89	89	89	89	88	84	80	75	72	70	69	
August	87	88	88	88	87	87	87	84	79	71	67	65	63	
September	89	89	89	89	89	89	88	85	81	74	71	*68*	*67*	
October	89	89	90	91	91	91	89	83	73	67	62	58	56	
November	82	83	84	85	86	87	87	73	56	53	46	41	47	
December	75	78	80	81	82	82	82	75	58	*50*	*44*	*39*	*35*	
Year	68	69	71	72	72	73	73	67	59	53	49	45	44	
BOMB														
January	72	73	74	74	74	75	75	72	68	65	58	53	53	
February	75	77	78	76	74	75	76	73	68	63	57	55	56	
March	79	79	79	78	81	80	77	73	68	64	64	63	64	
April	80	80	80	81	82	82	82	78	73	69	67	66	65	
May	79	79	79	79	80	80	78	76	74	71	70	69	68	
June	83	83	83	84	84	85	85	84	82	80	79	78	78	
July	87	88	87	87	88	87	87	87	86	85	85	84	84	
August	88	88	89	89	89	90	89	88	87	85	85	84	83	
September	87	88	88	88	89	89	89	88	87	86	85	83	82	
October	88	88	89	90	91	91	91	87	84	81	77	75	75	
November	80	81	81	83	82	82	81	75	69	64	59	53	53	
December	77	78	77	77	78	79	79	74	68	66	59	55	54	
Year	81	82	82	82	83	83	82	80	76	73	70	68	68	

* Hours in this case refer to L. M. T.

Figures in italics are means based on incomplete data.

stations for the year 1949—*contd.*

s I. S. T.)

	16	17	18	19	20	21	22	23	24	Mean.	Mean of Max.	Mean of Min.	Extreme. Max.	Extreme. Min.	Hours I. S. T. Month.
27	26	26	33	33	38	41	43	46	48	44	66	24	98	8	January.
17	16	15	16	19	23	26	29	31	32	31	53	14	95	2	February.
15	14	14	14	16	18	20	21	23	25	24	40	13	73	0	March.
11	10	10	10	11	12	14	15	17	18	19	37	9	60	0	April.
15	13	12	13	14	15	17	19	21	23	27	56	11	84	2	May.
28	27	26	27	26	28	30	34	36	39	40	64	24	91	0	June
55	53	55	56	59	63	67	69	71	73	68	86	49	100	24	July.
55	54	54	57	60	64	67	71	74	77	71	89	51	97	28	August.
37	35	36	38	43	48	51	55	55	62	57	80	33	94	12	September.
19	18	18	18	21	23	24	26	28	30	30	46	17	94	7	October.
14	14	14	16	19	22	23	23	24	24	23	33	13	55	2	November.
35	34	34	36	40	43	46	47	46	47	46	57	27	93	7	December.
27	26	26	27	30	33	35	38	39	41	40	59	24	100	0	*Year*.
29	28	28	33	37	43	48	53	58	61	51	75	28	85	15	January.
28	27	26	27	30	33	38	41	43	47	42	63	26	88	6	February.
16	15	15	17	18	22	25	27	30	33	28	46	15	86	5	March.
18	17	17	18	22	25	26	28	29	30	28	44	16	72	3	April.
26	27	27	29	36	37	39	41	44	46	40	60	24	92	10	May.
51	57	60	63	66	70	72	76	77	78	69	87	43	95	22	June.
69	69	71	74	78	83	86	87	88	88	81	91	61	98	43	July.
63	64	66	72	79	83	86	87	87	87	78	90	57	94	34	August.
69	73	76	81	84	86	87	88	88	89	81	91	62	94	47	September.
55	56	60	69	76	80	84	85	88	89	76	93	51	98	28	October.
35	35	39	47	53	62	67	71	76	78	62	89	34	96	12	November.
31	*31*	*34*	41	48	55	61	65	68	73	58	85	*30*	96	17	December.
41	42	43	48	52	57	60	62	65	67	58	76	37	98	3	*Year*.
56	59	65	70	71	73	74	73	72	73	68	82	48	89	33	January.
56	59	60	68	67	68	70	69	73	77	67	83	51	93	21	February.
64	64	66	69	72	72	74	75	77	79	72	72	56	91	21	March.
63	64	67	71	74	76	78	79	79	79	74	82	59	93	33	April.
68	69	72	75	76	78	78	79	79	83	75	83	66	95	61	May.
77	76	78	79	81	81	82	83	83	86	81	88	74	95	66	June.
83	84	83	84	85	86	87	86	87	87	86	92	80	98	74	July.
82	82	83	84	85	87	87	88	88	87	86	93	79	98	72	August.
82	82	82	83	84	85	86	87	87	87	86	94	82	100	73	September.
74	74	77	79	81	83	84	85	87	79	83	92	71	97	41	October.
58	61	65	71	74	77	78	78	78	74	71	86	50	92	35	November.
57	59	64	69	71	72	73	72	73	79	69	83	50	90	36	December.
68	69	72	75	77	78	79	79	80	81	77	86	64	100	21	*Year*

Table XII—Mean hourly and extreme Relative Humidity (

(Readings at exa

Hours I.S.T. Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
														POON
January	80	82	84	84	86	87	87	86	69	53	41	35	31	[illegible]
February	68	71	74	76	77	79	80	77	70	41	30	24	20	[illegible]
March	54	57	59	61	63	65	66	63	49	30	21	16	13	[illegible]
April	58	60	61	62	65	65	67	58	41	27	20	15	13	[illegible]
May	75	76	77	78	78	79	78	70	60	51	44	36	34	[illegible]
June	80	81	81	82	83	83	83	77	68	63	58	55	52	[illegible]
July	84	85	86	[illegible]	87	87	87	84	78	73	71	69	68	[illegible]
August	89	90	90	90	90	90	90	88	81	77	73	69	68	[illegible]
September	90	90	90	90	91	91	91	88	86	77	73	69	69	[illegible]
October	91	92	92	93	92	93	93	90	79	67	57	52	48	[illegible]
November	81	85	86	88	90	90	91	86	65	48	40	34	30	[illegible]
December	76	80	83	85	87	88	89	86	69	49	38	30	26	[illegible]
Year	77	79	80	81	82	83	83	79	68	55	47	42	39	[illegible]
														MADRA
January*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
February*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April	82	83	84	84	86	84	80	73	66	56	52	49	48	[illegible]
May	79	79	79	79	78	79	80	76	66	59	55	51	50	[illegible]
June*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
July	84	84	84	84	84	83	81	78	74	68	64	56	51	[illegible]
August	81	81	81	81	81	81	82	81	76	69	63	57	55	[illegible]
September	84	83	84	84	83	82	80	77	74	67	62	61	55	[illegible]
October	85	85	85	85	84	85	84	81	76	72	65	62	60	[illegible]
November	83	83	83	83	83	83	83	82	77	69	62	60	58	[illegible]
December	84	85	86	86	86	86	86	86	85	61	54	48	47	[illegible]
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..
														KODAIKANA
January	63	61	61	58	59	56	53	52	47	45	49	50	54	[illegible]
February	71	71	70	69	70	71	67	59	53	43	42	44	47	[illegible]
March	59	55	54	52	47	45	40	38	32	30	35	41	50	[illegible]
April	81	78	77	76	74	73	71	65	55	53	51	52	55	[illegible]
May	87	86	86	86	84	83	79	76	65	62	63	68	72	[illegible]
June	83	80	85	85	85	86	85	81	74	75	77	79	83	[illegible]
July	91	91	87	89	89	88	85	84	83	81	81	85	84	[illegible]
August	90	86	87	89	93	88	87	83	79	77	78	81	85	[illegible]
September	87	86	90	90	86	89	85	85	77	77	75	76	83	[illegible]
October	95	95	95	95	95	95	93	91	85	77	80	85	87	[illegible]
November	86	87	85	83	79	76	76	75	75	74	72	76	79	[illegible]
December	63	62	59	55	54	56	53	52	49	47	45	48	53	[illegible]
Year	80	78	78	77	76	75	73	70	65	62	62	65	69	[illegible]

*Data not available.

stations for the year 1949—*contd.*

s I. S. T.)

	16	17	18	19	20	21	22	23	24	Mean	Mean of Max.	Mean of Min.	Extreme Max.	Extreme Min.	Hours I. S. T. Month.
26	25	27	32	44	52	60	66	72	76	58	87	24	93	12	January.
17	17	17	20	28	36	44	51	58	62	66	81	15	96	0	February.
10	11	13	18	24	33	38	43	48	1	38	66	99	79	2	March.
11	13	17	23	33	40	47	51	54	57	41	69	10	83	2	April.
35	40	44	49	58	65	70	73	73	75	61	82	30	90	12	May.
54	57	60	62	66	71	75	77	79	80	70	86	49	94	36	June.
67	69	70	73	76	79	82	83	83	85	78	89	61	95	49	July.
70	72	75	78	82	86	87	87	88	88	82	93	63	97	45	August.
70	73	75	78	82	85	88	89	89	90	82	93	64	98	51	September.
49	51	55	63	74	80	85	87	89	91	76	94	44	98	22	October.
27	26	28	37	47	54	60	65	71	75	59	92	25	96	15	November.
20	19	22	28	37	45	52	59	66	71	55	89	19	99	0	December.
38	39	42	47	54	61	66	69	73	75	64	85	34	99	0	*Year.*
AM BAKKAM)															
	..	..	..	..	..	..	..	..	..	..	..	.	..	..	January.
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	February.
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	March.
50	54	60	64	67	73	76	77	79	80	69	86	40	92	3	April.
58	61	66	70	78	76	78	78	79	79	70	82	45	96	18	May.
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	June.
52	56	63	69	77	79	79	81	82	83	73	88	46	96	36	July.
51	57	61	67	75	78	80	80	81	82	71	85	48	96	34	August.
53	58	64	72	78	83	84	84	85	85	74	89	51	96	40	September.
63	68	72	76	81	83	84	83	83	85	77	88	52	97	29	October.
58	59	65	71	75	78	80	81	82	82	74	85	54	98	13	November.
50	53	56	64	70	75	78	80	82	83	72	84	43	95	25	December.
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*Year.*
65	73	73	81	75	77	72	69	63	62	62	91	30	100	0	January.
56	61	63	74	77	84	78	73	70	67	64	92	34	100	6	February.
53	57	60	66	74	75	81	73	58	55	53	86	25	100	0	March.
61	66	69	80	86	90	89	83	80	78	71	94	41	100	16	April.
80	85	84	92	94	93	91	92	90	87	82	99	49	100	20	May.
87	86	92	94	94	93	90	88	85	84	85	93	63	100	40	June.
91	93	95	96	95	95	97	92	92	91	89	100	68	100	47	July.
89	90	94	98	97	94	90	91	91	90	88	100	65	100	36	August.
90	94	93	96	95	92	90	91	89	89	87	99	68	100	54	September.
94	96	97	98	97	96	95	92	93	95	92	100	69	100	37	October.
82	85	89	92	92	92	92	94	89	88	83	98	53	100	2	November.
64	70	73	77	79	76	72	68	68	62	61	89	33	100	0	December.
76	80	82	87	88	88	86	84	81	79	76	95	50	100	0	*Year.*

Table XIII.—Number of days in each month and the year on which the "NILGIRIS" were visible fr KODAIKANAL in 1949.

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

Month.	Very clear	Visible	Just visible	Top only visible	Tot
January	3	..	8	6	17
February	..	3	2	5	10
March	..	1	2	5	8
April	..	..	2	1	3
May	4	2	4	2	12
June	1	1	4	4	10
July	2	..	2	3	7
August	4	4	2	4	14
September	4	2	..	2	8
October	7	1	5	3	16
November	6	..	1	2	9
December	8	..	2	8	18
Year	39	14	34	45	132

BLE XIV.—AVERAGE OVER THE 13 CHIEF POLITICAL DIVISIONS OF THE MONTHLY AND ANNUAL RAINFALL WITH ITS DEPARTURES FROM NORMAL IN 1949.

Table XIV.—Average over the 13 Chief political divisions of the monthly and annual rainfall with its departures from normal in 1949.

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.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1. Assam	0·85	+0·16	+23	0·79	—0·74	—48	2·92	—0·27	— 8	14·10	+5·79	+70	13·51	+0·84	+ 7	22·10	+2·45
2. West Bengal	0·23	—0·19	—45	0·21	—0·85	—80	1·30	+0·22	+20	5·64	+3·89	+262	8·60	+3·39	+65	10·33	—1·28
3. Orissa	0·11	—0·29	—73	0·24	—0·74	—76	0·20	—0·72	—78	1·65	+0·36	+28	2·82	—0·23	—8	5·13	—3·73
4. Bihar	0·71	+0·09	+15	1·29	+0·30	+30	0·35	—0·25	—42	1·73	+1·14	+193	3·81	+1·78	+88	7·57	+ 0·11
5. United Provinces	0·07	—0·70	—91	1·81	+1·01	+126	0·13	—0·30	—70	0·19	—0·05	—21	0·77	+0·15	+24	1·19	—3·21
6. East Punjab	0·26	—0·81	—76	1·96	+0·96	+96	0·23	—0·50	—68	0·17	—0·26	—60	0·35	—0·18	—34	0·75	—1·40
7. Rajputana	0·05	—0·17	—77	0·07	—0·17	—71	0	—0·18	—100	0·01	—0·11	—92	0·18	—0·16	—47	1·34	—0·97
8. Bombay	0	—0·11	—100	0·01	—0·07	—87	0·10	—0·02	—17	0·20	—0·21	—51	2·38	+1·45	+156	4·76	—4·08
9. Central India	0·03	—0·37	—93	0·31	+0·01	+ 3	0·04	—0·16	—80	0	—0·15	—100	0·69	+0·31	+82	3·10	—1·71
10. Central Provinces and Berar.	0·02	—0·43	—96	0·20	—0·55	—73	0·07	—0·44	—86	0·18	—0·36	—67	1·39	+0·78	+128	7·30	—0·21
11. Hyderabad	0·02	—0·15	—88	0·02	—0·64	—97	0·03	—0·38	—93	0·39	—0·59	—60	1·44	+0·46	+47	5·80	+0·20
12. Mysore	0	—0·14	—100	0	—0·16	—100	0·14	—0·19	—58	1·27	—0·37	—23	3·79	+0·13	+ 4	2·81	—1·40
13. Madras	0·21	—0·56	—73	0·08	—0·42	—84	0·07	—0·69	—91	2·02	+0·09	+ 5	5·99	+2·48	+71	6·90	—0·51
Mean of India	0·15	—0·31	—67	0·46	—0·14	—23	0·25	—0·32	—56	1·32	+0·28	+27	2·79	+0·88	+46	5·35	—1·41

ble XIV.—Average over the 13 Chief political divisions of the monthly and annual rainfall with its departures from normal in 1949.

July.		August.			September.			October.			November.			December.			Year.		
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.
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
—0·41	— 2	17·05	+0·94	+ 6	13·00	+0·48	+ 4	6·18	+0·71	+13	0·46	—0·76	—62	0·56	+0·18	+47	109·10	+9·37	+ 9
—0·03	0	13·20	—0·21	— 2	9·35	—0·07	— 1	4·74	+0·51	+12	0·01	—0·67	—99	0·02	—0·12	—86	67·73	+4·59	+ 7
—3·93	—29	11·94	—1·36	—10	10·42	+1·18	+13	11·99	+6·72	+128	0·07	—1·78	—96	0	—0·24	—100	54·22	—4·76	— 8
+0·07	+ 1	14·74	+1·88	+15	8·94	+0·26	+ 3	3·42	+0·71	+26	0·04	—0·40	—91	0·03	—0·16	—84	55·95	+5·53	+11
+1·60	+14	13·01	+1·69	+15	9·36	+2·74	+41	1·89	+0·56	+42	0·01	—0·16	—94	0·01	—0·35	—97	41·86	+2·98	+ 8
+4·47	+64	3·35	—3·39	—50	2·73	—0·78	—22	0·05	—0·33	—87	0	—0·12	—100	0·12	—0·39	—76	21·38	—2·73	—11
+1·55	+23	2·95	—3·70	—56	3·33	+0·40	+14	0·17	—0·23	—57	0·03	—0·10	—77	0·01	—0·16	—94	16·40	—4·00	—20
—0·72	— 5	9·83	+0·24	+ 3	13·75	+6·95	+102	2·66	+0·18	+7	0·25	—0·58	—70	0	—0·17	—100	48·61	+2·86	+ 6
+0·76	+ 6	6·43	—4·86	—43	10·76	+4·33	+67	1·90	+0·78	+70	0·11	—0·44	—80	0	—0·26	—100	36·67	—1·76	— 5
—0·80	— 5	11·72	—1·08	— 8	12·81	+5·03	+65	5·67	+3·48	+159	0	—0·65	—100	0·02	—0·28	—93	53·75	+4·49	+ 9
+1·00	+11	5·57	—1·53	—22	9·76	+2·89	+42	3·23	+0·58	+22	0·07	—0·90	—93	0	—0·27	—100	36·37	+0·67	+ 2
—0·60	— 8	6·15	+0·79	+15	3·73	—1·28	—26	8·04	+2·73	+51	0·53	—1·89	—78	0	—0·44	—100	33·00	—2·82	— 8
+1·90	+22	8·37	+1·44	+21	7·16	+ 1·35	+23	6·92	—0·80	—10	2·82	—3·08	—52	0·08	—1·98	—96	51·16	—0·78	— 2
+0·48	+ 4	9·17	—0·73	— 7	9·20	+2·56	+39	3·93	+0·97	+33	0·44	—0·88	—67	0·05	—0·43	—90	45·26	+0·95	+2

Table XV.—Average over the 28 Sub-divisions of the monthly and ann

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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Bay Islands*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Assam	1·8	+0·2	0·85	+0·16	+23	2·2	—1·2	0·79	—0·74	—48	5·3	—0·1	2·92	—0·27	-
3. West Bengal	0·6	—0·3	0·23	—0·19	—45	0·6	—1·3	0·21	—0·85	—80	1·3	—0·5	1·30	+0·22	+
4. Orissa	0·2	—0·5	0·11	—0·29	—73	0·4	—1·2	0·24	—0·74	—76	0·5	—1·2	0·20	—0·72	—
5. Chota Nagpur	1·3	—0·3	0·89	+0·08	+10	1·3	—1·4	0·65	—0·80	—55	1·3	—0·5	0·55	—0·31	—
6. Bihar	1·0	—0·1	0·62	+0·09	+17	2·1	+0·5	1·63	+0·88	+117	0·4	—0·6	0·25	—0·21	—
7. United Provinces, East	0·3	—1·0	0·11	—0·51	—82	2·7	+1·3	1·47	+0·86	+141	0·1	—0·6	0·04	—0·27	—
8. United Provinces, West	0·1	—1·7	0·03	—0·87	—97	2·8	+1·0	2·09	+1·14	+120	0·6	—0·5	0·20	—0·34	—
9. East Punjab	0·8	—1·2	0·26	—0·81	—76	2·9	+0·9	1·96	+0·96	+96	0·8	—0·7	0·23	—0·50	—
10. Kashmir	5·8	0	3·53	—0·48	—12	7·0	+0·9	7·13	+2·59	+57	0·5	—0·1	4·46	—0·29	-
11. Rajputana, West	0·3	—0·1	0·06	—0·07	—54	0·3	—0·2	0·11	—0·10	—48	0	—0·3	0	—0·14	—
12. Rajputana, East	0·2	—0·5	0·05	—0·23	—82	0·2	—0·5	0·04	—0·21	—84	0	—0·5	0	—0·21	—
13. Saurashtra and Cutch	0	—0·2	0	—0·06	—100	0·3	0	0·06	—0·04	—40	0	—0·1	0	—0·07	—
14. Gujrat	0	—0·2	0	—0·07	—100	0	—0·2	0·01	—0·06	—86	0	—0·1	0	—0·06	—
15. Madhya Bharat and Bhopal	0	—0·7	0	—0·29	—100	0·3	—0·2	0·16	—0·02	—11	0·1	—0·3	0·01	—0·15	—
16. Vindhya Pradesh	0·3	—1·3	0·12	—0·63	—84	1·7	0	0·91	+0·17	+23	0·5	—0·4	0·12	—0·25	—
17. Berar	0·1	—0·6	0·02	—0·34	—94	0·3	—0·4	0·06	—0·34	—85	0	—0·7	0·02	—0·30	—
18. Central Provinces, West	0	—1·1	0·02	—0·55	—96	0·8	—0·6	0·37	—0·30	—45	0·3	—0·8	0·10	—0·41	—
19. Central Provinces, East	0·1	—0·6	0·03	—0·36	—92	0·4	—1·4	0·13	—0·81	—86	0·2	—1·1	0·07	—0·52	—
20. Konkan	0	—0·2	0	—0·09	—100	0	—0·1	0	—0·05	—100	0·1	—0·1	0·03	—0·05	—
21. Bombay, Deccan	0	—0·3	0	—0·13	—100	0	—0·2	0	—0·08	—100	0·4	0	0·19	+0·02	+
22. Hyderabad, North	0	—0·3	0·03	—0·14	—82	0·1	—1·3	0·04	—0·72	—95	0·1	—0·8	0·05	—0·38	—
23. Hyderabad, South	0	—0·3	0·01	—0·15	—94	0	—0·9	0	—0·52	—100	0	—0·7	0	—0·38	—
24. Mysore	0	—0·3	0	—0·14	—100	0	—0·3	0	—0·16	—100	0·3	—0·3	0·14	—0·19	—
25. Malabar	0·1	—0·8	0·04	—0·52	—93	0·2	—0·7	0·11	—0·45	—80	0·5	—1·9	0·20	—1·30	—
26. Madras, South-East	0·7	—0·9	0·38	—0·83	—69	0·2	—0·6	0·10	—0·46	—82	0	—1·0	0·03	—0·63	—
27. Madras, Deccan	0	—0·3	0	—0·15	—100	0	—0·3	0	—0·17	—100	0	—0·3	0·02	—0·17	—
28. Madras Coast, North	0·3	—0·2	0·15	—0·22	—59	0·1	—0·7	0·05	—0·44	—90	0·1	—0·6	0·03	—0·41	—

*Data not available.

ll and number of rainy days with their departures from normal in 1949.

April.					May.					June.					July.				
Days.	Rainfall.				Rainy Days.		Rainfall.			Rainy Days.		Rainfall.			Rainy Days.		Rainfall.		
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.
18	19	20	21		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
+4·9	14·10	+5·79	+70		14·3	—0·1	13·52	+0·84	+7	20·2	+2·0	22·10	+2·45	+12	18·8	0	17·57	—0·41	—2
+4·0	5·64	+3·89	+222		8·1	+1·3	8·60	+3·39	+65	10·2	—1·9	10·33	—1·28	—11	15·5	—0·6	14·10	—0·03	0
+0·4	1·65	+0·36	+28		4·4	—0·3	2·82	—0·23	—8	6·6	—3·8	5·13	—3·73	—42	14·1	—1·5	9·65	—3·93	—29
+2·8	2·47	+1·81	+274		5·9	+2·6	3·50	+1·68	+92	8·0	—2·0	6·84	—0·73	—10	17·4	—0·4	13·97	—0·42	—3
+1·5	1·36	+0·80	+143		5·0	+1·9	3·97	+1·84	+86	6·6	—1·7	7·94	+0·54	+7	13·6	—0·1	12·99	+0·30	+2
—0·2	0·11	—0·09	—45		1·7	+0·5	0·99	+0·38	+62	2·5	—3·0	1·74	—2·83	—62	13·1	+0·2	11·42	—0·45	—4
—0·3	0·25	—0·03	—11		1·3	—0·1	0·60	—0·03	—5	1·4	—3·6	0·72	—3·55	—83	14·3	+2·5	15·06	+3·28	+28
—0·6	0·17	—0·26	—60		0·9	—0·3	0·35	—0·18	—34	1·5	—1·6	0·75	—1·40	—65	11·2	+3·7	11·41	+4·47	+64
—3·2	2·01	—1·63	—45		4·0	—0·9	2·22	—0·23	—9	4·1	0	2·50	+0·31	+14	7·0	—0·6	5·26	—0·97	—16
—0·3	0·01	—0·10	—91		0·3	—0·4	0·16	—0·13	—45	1·6	—0·1	0·81	—0·30	—27	5·2	+1·0	4·92	+1·55	+46
—0·4	0·01	—0·12	—92		0·6	—0·4	0·20	—0·19	—49	2·7	—1·6	1·74	—1·46	—46	12·2	+1·6	10·65	+1·55	+17
—0·1	0	—0·05	—100		0	—0·4	0	—0·28	—100	1·2	—2·5	0·56	—2·79	—83	11·5	+3·0	9·98	+1·94	+24
—0·1	0	—0·04	—100		0·2	—0·3	0·11	—0·16	—59	2·0	—4·4	1·16	—4·79	—81	15·9	+1·5	12·67	—1·86	—13
—0·3	0	—0·11	—100		1·3	+0·5	0·73	+0·36	+97	4·7	—1·4	3·36	—1·45	—30	14·4	+1·4	12·91	+0·87	+7
—0·7	0·01	—0·26	—96		0·9	—0·1	0·52	+0·12	+30	3·9	—2·3	2·23	—2·58	—54	17·2	+2·0	14·54	+0·40	+3
—0·6	0·06	—0·26	—81		3·3	+2·2	1·40	+0·92	+192	11·9	+3·7	8·68	+2·52	+41	16·1	+3·2	13·90	+4·32	+45
—0·6	0·07	—0·30	—81		2·0	+0·9	0·86	+0·40	+87	7·8	—0·5	5·91	—0·58	—9	16·8	+0·5	13·79	—1·81	—12
—0·8	0·31	—0·44	—59		3·2	+1·6	1·75	+0·99	+130	10·0	+0·2	7·69	—1·03	—12	18·0	+0·3	14·96	—2·15	—13
—0·3	0·16	—0·24	—60		7·7	+5·9	5·35	+3·93	+277	18·0	—0·5	15·54	—10·16	—40	27·3	+0·8	42·46	+3·30	+8
—0·6	0·34	—0·32	—48		5·3	+3·2	2·89	+1·70	+143	6·1	—1·7	3·72	—1·82	—33	9·7	—2·0	7·09	—1·71	—19
—1·2	0·34	—0·66	—66		2·2	+0·7	1·30	+0·54	+71	8·2	—0·7	6·52	+0·12	+2	14·0	—0·2	12·34	+1·82	+17
—0·4	0·45	—0·51	—53		2·9	+0·7	1·65	+0·36	+28	7·9	+0·9	4·81	+0·31	+7	12·0	+0·3	6·77	—0·16	—2
+0·2	1·27	—0·37	—23		7·2	+1·5	3·79	+0·13	+4	7·1	+0·4	2·81	—1·40	—33	11·3	+1·8	6·54	—0·60	—8
+0·1	3·91	—0·23	—6		15·2	+6·3	14·88	+7·30	+96	21·1	+0·4	19·33	—4·84	—20	22·2	—0·2	28·29	+1·56	+6
+0·8	1·95	+0·34	+21		5·0	+1·3	3·52	+0·98	+39	4·4	+1·5	2·76	+1·14	+70	6·8	+3·0	4·18	+1·92	+85
—0·6	0·31	—0·43	—58		3·5	+0·5	2·49	+0·76	+44	5·2	+0·9	3·01	+0·64	+27	7·1	+1·0	3·54	+0·54	+18
+0·4	0·99	+0·20	+25		3·4	+0·6	3·25	+1·29	+66	6·2	+0·3	4·12	+0·16	+4	13·0	+3·7	8·89	+3·18	+56

Table XV—Average over the 28 Sub-divisions of the monthly and annu

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
	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
1. Bay Islands*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Assam	19·1	+1·7	17·05	+0·94	+6	13·7	—0·2	13·00	+0·48	+4	7·9	+1·1	6·18	+0·71	+
3. West Bengal	15·3	—0·6	13·20	—0·21	—2	11·2	—0·1	9·35	—0·07	—1	6·2	+1·2	4·74	+0·51	+
4. Orissa	14·9	—1·1	11·94	—1·36	—10	13·8	+1·6	10·42	+1·18	+13	11·4	+4·7	11·99	+6·72	+
5. Chota Nagpur	17·2	+0·3	15·19	+1·13	+8	11·9	+1·2	8·21	+0·05	+1	5·4	+1·2	2·85	—0·28	-
6. Bihar	15·0	+1·2	14·52	+2·25	+18	10·2	+0·9	9·31	+0·38	+4	3·3	+0·6	3·70	+1·19	+
7. United Provinces, East	14·0	+1·1	13·30	+1·93	+17	11·3	+3·7	10·38	+3·35	+48	3·2	+1·4	3·27	+1·45	+
8. United Provinces, West	11·2	—0·4	12·77	+1·50	+13	8·8	+2·6	8·51	+2·22	+35	1·2	+0·3	0·75	—0·18	—
9. East Punjab	4·1	—3·2	3·35	—3·39	—50	3·5	0	2·73	—0·78	—22	0·2	—0·4	0·05	—0·33	—
10. Kashmir	5·3	—3·3	3·64	—3·70	—50	2·7	—1·2	1·98	—0·81	—29	1·6	—0·7	1·24	—0·01	-
11. Rajputana, West	2·0	—2·4	1·58	—2·38	—60	1·3	—0·5	1·22	—0·17	—12	0·1	—0·2	0·05	—0·16	—
12. Rajputana, East	5·6	—4·3	3·91	—4·63	—54	6·0	+1·0	4·95	+0·84	+20	0·6	—0·2	0·26	—0·27	—
13. Saurashtra and Cutch	7·6	+1·5	8·60	+4·41	+105	3·8	—0·1	2·05	—0·89	—30	0·2	—0·5	0·07	—0·44	—
14. Gujrat	12·1	+0·3	8·51	—0·24	—3	10·1	+3·2	10·86	+5·01	+86	1·8	+0·4	1·05	—0·02	-
15. Madhya Bharat and Bhopal	7·6	—4·3	5·39	—5·28	—49	10·8	+3·7	11·53	+5·25	+84	2·4	+0·9	1·62	+0·60	+
16. Vindhya Pradesh	14·0	—0·7	9·94	—3·47	—26	12·0	+3·8	8·24	+1·32	+19	4·3	+2·3	3·09	+1·53	+
17. Berar	8·3	—2·0	5·09	—1·76	—26	16·7	+8·7	14·79	+8·62	+140	7·0	+4·5	4·30	+2·48	+
18. Central Provinces, West	11·8	—2·8	10·06	—2·92	—22	15·4	+5·8	13·89	+6·06	+77	7·3	+4·8	5·45	+3·58	+
19. Central Provinces, East	16·8	+0·6	15·47	+0·45	+3	14·4	+3·6	11·24	+2·84	+34	8·3	+4·8	6·37	+ 3·82	+
20. Konkan	23·6	—0·6	23·13	+0·17	+1	23·2	+8·3	28·19	+16·23	+136	5·8	+0·2	4·00	—0·52	—
21. Bombay Deccan	9·9	+0·4	6·16	+0·10	+2	11·7	+3·4	11·29	+5·44	+93	5·3	+0·8	3·62	+0·65	+
22. Hyderabad, North	9·4	—2·0	5·88	—2·05	—26	13·5	+4·2	10·79	+3·67	+52	4·4	+1·0	3·21	+0·66	+
23. Hyderabad, South	8·2	—1·6	5·13	—0·79	—13	11·6	+2·2	8·30	+1·78	+27	4·3	—0·1	3·26	+0·46	+
24. Mysore	10·0	+1·2	6·15	+0·79	+15	7·9	+0·2	3·73	—1·28	—26	10·3	+2·6	8·04	+2·73	+
25. Malabar	17·7	—0·2	16·23	+0·30	+2	18·3	+6·0	12·41	+3·85	+45	10·5	—2·7	7·55	—3·36	—
26. Madras, South-East	7·4	+2·1	5·98	+2·30	+63	5·2	—0·6	2·93	—1·38	—32	8·2	—0·8	5·70	—1·55	—
27. Madras, Deccan	6·4	+0·1	4·65	+0·93	+25	7·5	+0·2	8·93	+3·66	+69	5·0	—0·8	4·12	+0·03	-
28. Madras Coast, North	9·1	+0·3	6·84	+1·17	+21	9·8	+1·1	9·58	+3·22	+51	8·3	+0·9	10·83	+3·61	+

* Data not available.

ll and number of rainy days with their departures from normal in 1949—*contd.*

	November.						December.						Year.				
	y Days.		Rainfall.				Rainy Days.		Rainfall.				Rainy Days.		Rainfall.		
	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.
	53	54	55	56	57	58	59	60	61	62	63	64	65	66
	..	..	..	..	..	..	..	..	..	..	..	..	..	..
)	—0·8	0·46	—0·76	—62	1·5	+0·7	0·56	+0·18	+47	121·4	+8·2	109·10	+9·37	+9
)	—1·0	0·01	—0·67	—99	0	—0·3	0·02	—0·12	—86	75·8	—0·1	67·73	+4·59	+7
	—1·6	0·07	—1·78	—96	0	—0·4	0	—0·24	—100	68·2	—4·9	54·22	—4·76	—8
)	—0·9	0	—0·59	—100	0·2	—0·2	0·05	—0·19	—79	74·2	+3·1	55·17	+1·43	+3
)	—0·5	0·06	—0·31	—84	0	—0·4	0·02	—0·14	—87	59·8	+3·2	56·37	+7·61	+16
)	—0·4	0·01	—0·20	—95	0	—0·6	0	—0·26	—100	49·2	+2·4	42·84	+3·36	+9
)	—0·3	0	—0·15	—100	0·1	—0·8	0·02	—0·42	—95	42·2	—1·3	41·00	+2·57	+7
)	—0·3	0	—0·12	—100	0·4	—0·6	0·12	—0·39	—76	26·7	—4·3	21·38	—2·73	—11
5	+0·2	1·26	+0·64	+103	2·1	—1·4	1·55	—0·55	—26	50·4	—10·1	36·78	—5·13	—12
)	—0·1	0	—0·06	—100	0·1	—0·2	0·02	—0·10	—83	11·2	—3·8	8·94	—2·16	—19
	—0·2	0·05	—0·13	—72	0	—0·4	0	—0·20	—100	28·2	—6·4	21·86	—5·26	—19
)	—0·2	0	—0·19	—100	0	—0·1	0	—0·06	—100	24·6	+0·3	21·32	+1·48	+7
2	—0·3	0·14	—0·18	—56	0	—0·1	0	—0·06	—100	42·3	—0·3	34·51	—2·53	—7
2	—0·6	0·13	—0·45	—78	0	—0·5	0	—0·24	—100	41·8	—1·8	35·82	—0·93	—3
)	—0·6	0	—0·43	—100	0	—0·7	0	—0·33	—100	54·8	+1·3	39·72	—4·41	—10
)	—1·2	0	—0·85	—100	0	—0·6	0	—0·35	—100	63·8	+16·2	48·32	+14·66	+44
)	—0·9	0	—0·62	—100	0	—0·7	0·01	—0·36	—97	62·4	+4·0	50·53	+2·19	+5
)	—0·9	0	—0·60	—100	0·1	—0·3	0·03	—0·20	—87	72·3	+6·0	58·05	+1·99	+4
5	—1·0	0·35	—0·66	—65	0	—0·3	0	—0·15	—100	106·6	+12·1	119·21	+11·71	+11
	—1·0	0·33	—0·85	—72	0	—0·5	0	—0·26	—100	49·8	+1·5	35·63	+2·74	+8
	—1·2	0·07	—0·78	—92	0	—0·5	0	—0·29	—100	52·6	—2·3	40·57	+1·79	+5
2	—1·7	0·08	—1·04	—93	0	—0·4	0	—0·25	—100	48·5	—2·5	30·46	—0·89	—3
)	—2·9	0·53	—1·89	—78	0	—0·8	0	—0·44	—100	58·1	+3·3	33·00	—2·82	—8
	—3·5	2·72	—3·42	—56	0·2	—2·0	0·08	—1·43	—95	116·6	+0·8	105·75	—2·54	—2
2	—3·1	3·73	—3·69	—50	0·3	—3·8	0·15	—3·21	—96	46·6	—2·1	31·41	—5·07	—14
	—1·9	1·22	—0·94	—44	0	—0·7	0	—0·39	—100	36·9	—2·2	28·29	+4·31	+18
5	—2·5	1·84	—2·64	—59	0	—0·9	0	—0·80	—100	53·6	+2·4	46·57	+8·32	+22

Table XVI--Average over the 13 chief political divisions of the actual rainfall with its departures fro normal for the four seasons of the year and for the whole year 1949.

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. Assam	1·64	—0·58	—26	30·54	+6·36	+26	69·72	+3·46	+5	7·20	+0·13	+2	109·10	+9·37	
2. West Bengal . .	0·44	—1·04	—70	15·54	+7·50	+93	46·98	—1·59	—3	4·77	—0·28	—6	67·73	+4·59	
3. Orissa	0·35	—1·03	—75	4·67	—0·59	—11	37·14	—7·84	—17	12·06	+4·70	+64	54·22	—4·76	
4. Bihar	2·00	+0·39	+24	5·89	+2·67	+83	44·57	+2·32	+5	3·49	+0·15	+4	55·95	+5·53	+
5. United Provinces . .	1·88	+0·31	+20	1·09	—0·20	—16	36·98	+2·82	+8	1·91	+0·05	+3	41·86	+2·98	
6. East Punjab . .	2·22	+0·15	+7	0·75	—0·94	—56	18·24	—1·10	—6	0·17	—0·84	—83	21·38	—2·73	—
7. Rajputana . . .	0·12	—0·34	—74	0·19	—0·45	—70	15·88	—2·72	—15	0·21	—0·49	—70	16·40	—4·00	—
8. Bombay . . .	0·01	—0·18	—95	2·68	+1·22	+84	43·01	+2·39	+6	2·91	—0·57	—16	48·61	+2·86	
9. Central India . .	0·34	—0·36	—51	0·73	0	0	33·59	—1·48	—4	2·01	+0·08	+4	36·67	—1·76	
10. Central Provinces and Berar.	0·22	—0·98	—82	1·64	—0·02	—1	46·20	+2·94	+7	5·69	+2·55	+8	53·75	+4·49	
11. Hyderabad . . .	0·04	—0·79	—95	1·86	—0·51	—22	31·17	+2·56	+9	3·30	—0·59	—2	36·37	+0·67	
12. Mysore . . .	0	—0·30	—100	5·20	—0·43	—8	19·23	—2·49	—11	8·57	+0·40	+5	33·00	—2·82	
13. Madras . . .	0·29	—0·98	—77	8·08	+1·88	+30	32·97	+4·18	+15	9·82	—5·86	—37	51·16	—0·78	
Mean of India . . .	0·61	—0·45	—42	4·36	+0·84	+24	35·87	+0·90	+3	4·42	—0·34	—7	45·26	+0·95	

XVII—Average over the 28 Sub-divisions of the actual rainfall with its departures from normal for the four seasons of the year and for the whole year 1949.

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
y Islands*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
sam	1·64	—0·58	—26	30·54	+6·36	+26	69·72	+3·46	+5	7·20	+0·13	+2	109·10	+9·37	+9
st Bengal	0·44	—1·04	—70	15·54	+7·50	+93	46·98	—1·59	—3	4·77	—0·28	—6	67·73	+4·59	+7
issa	0·35	—1·03	—75	4·67	—0·59	—11	37·14	—7·84	—2	12·06	+4·70	+64	54·22	—4·76	—8
ota Nagpur	1·54	—0·72	—32	6·52	+3·18	+95	44·21	+0·03	0	2·90	—1·06	—27	55·17	+1·43	+3
ıar	2·25	+0·97	+76	5·58	+2·43	+77	44·76	+3·47	+8	3·78	+0·74	+24	56·37	+7·61	+16
ited Provinces, East	1·58	+0·35	+28	1·14	+0·02	+2	36·84	+2·00	+6	3·28	+0·99	+43	42·84	+3·36	+9
ited Provinces, West	2·12	+0·27	+15	1·05	—0·40	—28	37·06	+3·45	+10	0·77	—0·75	—49	41·00	+2·57	+7
st Punjab	2·22	+0·15	+7	0·75	—0·94	—56	18·24	—1·10	—6	0·17	—0·84	—83	21·38	—2·73	—11
shmir	10·66	+2·11	+25	8·69	—2·15	—20	13·38	—5·17	—28	4·05	+0·08	+2	36·78	—5·13	—12
jputana, West	0·17	—0·17	—50	0·17	—0·37	—69	8·53	—1·30	—13	0·07	—0·32	—82	8·94	—2·16	—19
jputana, East	0·09	—0·44	—83	0·21	—0·52	—71	21·25	—3·70	—15	0·31	—0·60	—66	21·86	—5·26	—19
ırashtra and Cutch	0·06	—0·10	—63	0	—0·40	—100	21·19	+2·67	+14	0·07	—0·69	—91	21·32	+1·48	+7
jarat	0·01	—0·13	—93	0·11	—0·26	—70	33·20	—1·88	—5	1·19	—0·26	—18	34·51	—2·53	—7
dhya Bharat and Bhopal	0·16	—0·31	—66	0·74	+0·10	+16	33·19	—0·61	—2	1·75	—0·09	—5	35·82	—0·93	—3
ıdhya Pradesh	1·03	—0·46	—31	0·65	—0·39	—37	34·95	—4·33	—11	3·09	+0·77	+33	39·72	—4·41	—10
rar	0·08	—0·68	—89	1·48	+0·36	+32	42·46	+13·70	+48	4·30	+1·28	+42	48·32	+14·66	+44
ıtral Provinces, West	0·39	—0·85	—69	1·03	—0·31	—23	43·65	+0·75	+17	5·46	+2·60	+91	50·53	+2·19	+5
ıtral Provinces, East	0·16	—1·17	—88	2·13	+0·03	+1	49·36	+0·11	0	6·40	+3·02	+89	58·05	+1·99	+4
nkan	0	—0·14	—100	5·54	+3·64	+192	109·32	+9·54	+10	4·35	—1·33	—23	119·21	+11·71	+11
mbay Deccan	0	—0·21	—100	3·42	+1·40	+69	28·26	+2·01	+8	3·95	—0·46	—10	35·63	+2·74	+8
derabad, North	0·07	—0·86	—92	1·69	—0·50	—23	35·53	+3·56	+11	3·28	—0·41	—11	40·57	+1·79	+5
derabad, South	0·01	—0·67	—99	2·10	—0·53	—20	25·01	+1·14	+5	3·34	—0·83	—20	30·46	—0·89	—3
sore	0	—0·30	—100	5·20	—0·43	—8	19·23	—2·49	—11	8·57	+0·40	+5	33·00	—2·82	—8
labar	0·15	—0·97	—87	18·99	+5·77	+44	76·26	+0·87	+1	10·35	—8·21	—44	105·75	—2·54	—2
dras, South-East	0·48	—1·29	—73	5·50	+0·69	+14	15·85	+3·98	+34	9·58	—8·45	—47	31·41	—5·07	—14
dras, Deccan	0	—0·32	—100	2·82	+0·16	+6	20·13	+5·77	+40	5·34	+1·30	+20	28·29	+4·31	+18
dras Coast, North	0·20	—0·66	—77	4·27	+1·08	+34	29·43	+7·73	+36	12·67	+0·17	+1	46·57	+8·32	+22

* Data not available.

Table XVIII—Average over the 28 Sub-divisions of the actual number of rainy days with its departu from normal for the four seasons of the year and for the whole year 1949.

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	4·0	—1·0	35·2	+4·7	71·8	+3·5	10·4	+1·0	121·4	+8
3. West Bengal	1·2	—1·6	16·2	+4·8	52·2	—3·2	6·2	—0·1	75·8	—0
4. Orissa	0·6	—1·7	7·7	—1·1	49·4	—4·8	10·5	+2·7	68·2	—4
5. Chota Nagpur	2·6	—1·7	11·5	+4·9	54·5	—0·1	5·6	0	74·2	+3
6. Bihar	3·1	+0·4	8·0	+2·8	45·4	+0·3	3·3	—0·3	59·8	+3
7. United Provinces, East	3·0	+0·3	2·1	—0·3	40·9	+2·0	3·2	+0·4	49·2	+2
8. United Provinces, West	2·9	—0·7	2·3	—0·9	35·7	+1·1	1·3	—0·8	42·2	—1
9. East Punjab	3·7	—0·3	2·1	—1·6	20·3	—1·1	0·6	—1·3	26·7	—4
10. Kashmir	12·8	+0·9	13·3	—4·0	19·1	—5·1	5·2	—1·9	50·4	—10
11. Rajputana, West	0·6	—0·3	0·3	—1·0	10·1	—2·0	0·2	—0·5	11·2	—3
12. Rajputana, East	0·4	—1·0	0·6	—1·3	26·5	—3·3	0·7	—0·8	28·2	—6
13. Saurashtra and Cutch	0·3	—0·2	0	—0·6	24·1	+1·9	0·2	—0·8	24·6	+0
14. Gujarat	0	—0·4	0·2	—0·5	40·1	+0·6	2·0	0	42·3	—0
15. Madhya Bharat and Bhopal	0·3	—0·9	1·4	—0·1	37·5	—0·6	2·6	—0·2	41·8	—1
16. Vindhya Pradesh	2·0	—1·3	1·4	—1·2	47·1	+2·8	4·3	+1·0	54·8	+1
17. Berar	0·4	—1·0	3·4	+0·9	53·0	+13·6	7·0	+2·7	63·8	+16
18. Central Provinces, West	0·8	—1·7	2·5	—0·5	51·8	+3·0	7·3	+3·2	62·4	+4
19. Central Provinces, East	0·5	—2·0	4·2	—0·3	59·2	+4·7	8·4	+3·6	72·3	+6
20. Konkan	0	—0·3	8·2	+5·5	92·1	+8·0	6·3	—1·1	106·6	+12
21. Bombay Deccan	0	—0·5	6·4	+2·6	37·4	+0·1	6·0	—0·7	49·8	+1
22. Hyderabad, North	0·1	—1·6	2·9	—1·3	45·1	+1·3	4·5	—0·7	52·6	—2
23. Hyderabad, South	0	—1·2	4·3	—0·4	39·7	+1·8	4·5	—2·2	48·5	—2
24. Mysore	0	—0·6	10·6	+1·4	36·3	+3·6	11·2	—1·1	58·1	+3
25. Malabar	0·3	—1·5	21·9	+4·5	79·3	+6·0	15·1	—8·2	116·6	+0
26. Madras, South-East	0·9	—1·5	8·2	+1·1	23·8	+6·0	13·7	—7·7	46·6	—2
27. Madras, Deccan	0	—0·6	4·3	—0·4	26·2	+2·2	6·4	—3·4	36·9	—2
28. Madras Coast, North	0·4	—0·9	5·2	+0·4	38·1	+5·4	9·9	—2·5	53·6	+2

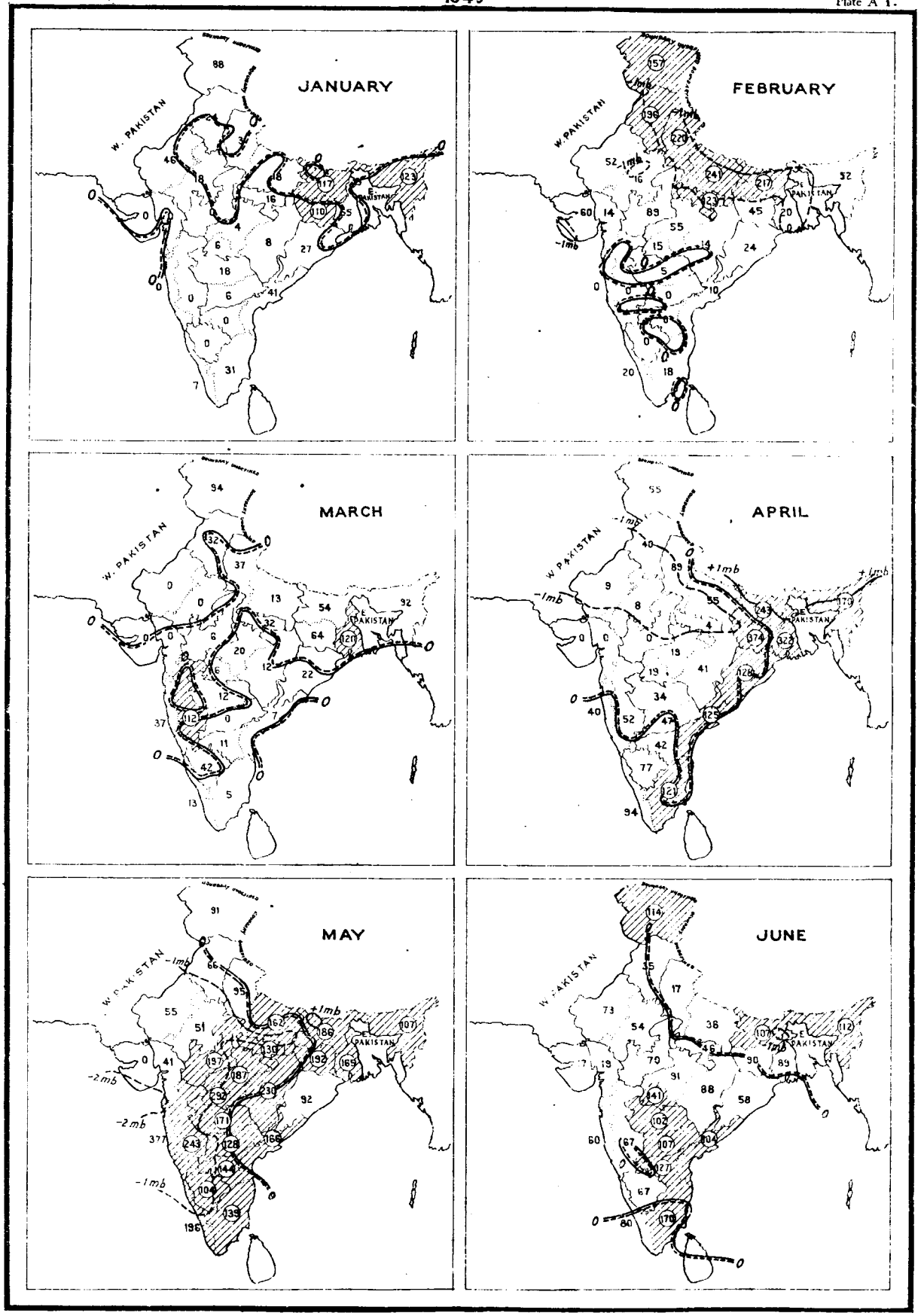
* Data not available.

ble XIX—Showing rainfall of 10″ and over with amounts in the preceding and following 24 hrs. during the year 1949.

e and District.	Station.	Date.	Amount. Preceding day.	On date in column 3.	Succeeding day.
1	2	3	4	5	6
ASSAM.					
d Jaintia Hills	Cherrapunji Police Station	May 22	1·02	12·85	4·01
Do.	Cherrapunji Welsh Mission House.	,, 22	1·02	12·85	4·01
Do.	Cherrapunji Police Station	June 12	4·80	12·95	3·21
Do.	Do.	,, 17	2·70	21·45	8·51
Do.	Do.	,, 26	3·40	11·29	10·25
Do.	Do.	,, 27	11·29	10·25	8·82
Do.	Do.	,, 29	8·82	12·42	8·78
Do.	Cherrapunji Welsh Mission House.	,, 12	4·80	12·95	3·21
Do.	Do.	,, 17	2·70	21·42	8·51
Do.	Do.	,, 26	3·40	11·79	10·25
Do.	Do.	,, 27	11·79	10·25	8·82
Do.	Do.	,, 29	8·82	12·42	8·78
g	Lanka	July 29	0·04	11·48	11·10
Do.	Do.	,, 30	11·48	11·10	0
nd Jaintia Hills	Cherrapunji Police Station	,, 18	5·56	15·80	7·80
Do.	Mawsynram	,, 17	3·07	16·20	11·25
Do.	Do.	,, 18	16·20	11·25	5·30
Hills	Denning	,, 18	5·95	10·00	6·55
nd Jaintia Hills	Cherrapunji Police Station	Aug. 23	5·90	14·62	6·82
Do.	Do.	Sept. 29	8·27	13·61	12·54
Do.	Do.	,, 30	13·61	12·54	0·86
Do.	Cherrapunji Welsh Mission House.	,, 29	8·27	13·61	12·54
Do.	Do.	,, 30	13·61	12·54	0·86
Do.	Mawsynram	,, 28	8·04	11·20	10·12
Do.	Do.	,, 29	11·20	10·12	0·77
BENGAL.					
ng	Kurseong	July 3	2·50	12·00	6·05
Behar	Cooch Behar (obsy.)	Oct. 13	1·50	10·70	0·19
BIHAR.					
r	Gidhaur	June 12	2·36	12·65	14·50
	Do.	,, 13	12·65	14·50	0
Parganas	Jamtara	,, 12	1·10	10·79	0
bagh	Pachamba	,, 12	0·98	11·84	0
rpur	Sitamarhi	July 19	0·54	10·00	2·50
u	Balumath	,, 19	0	12·45	0
nga	Khajauli	Aug. 28	0	10·75	0·15
rpur	Katra	Oct. 30	0·75	10·00	0

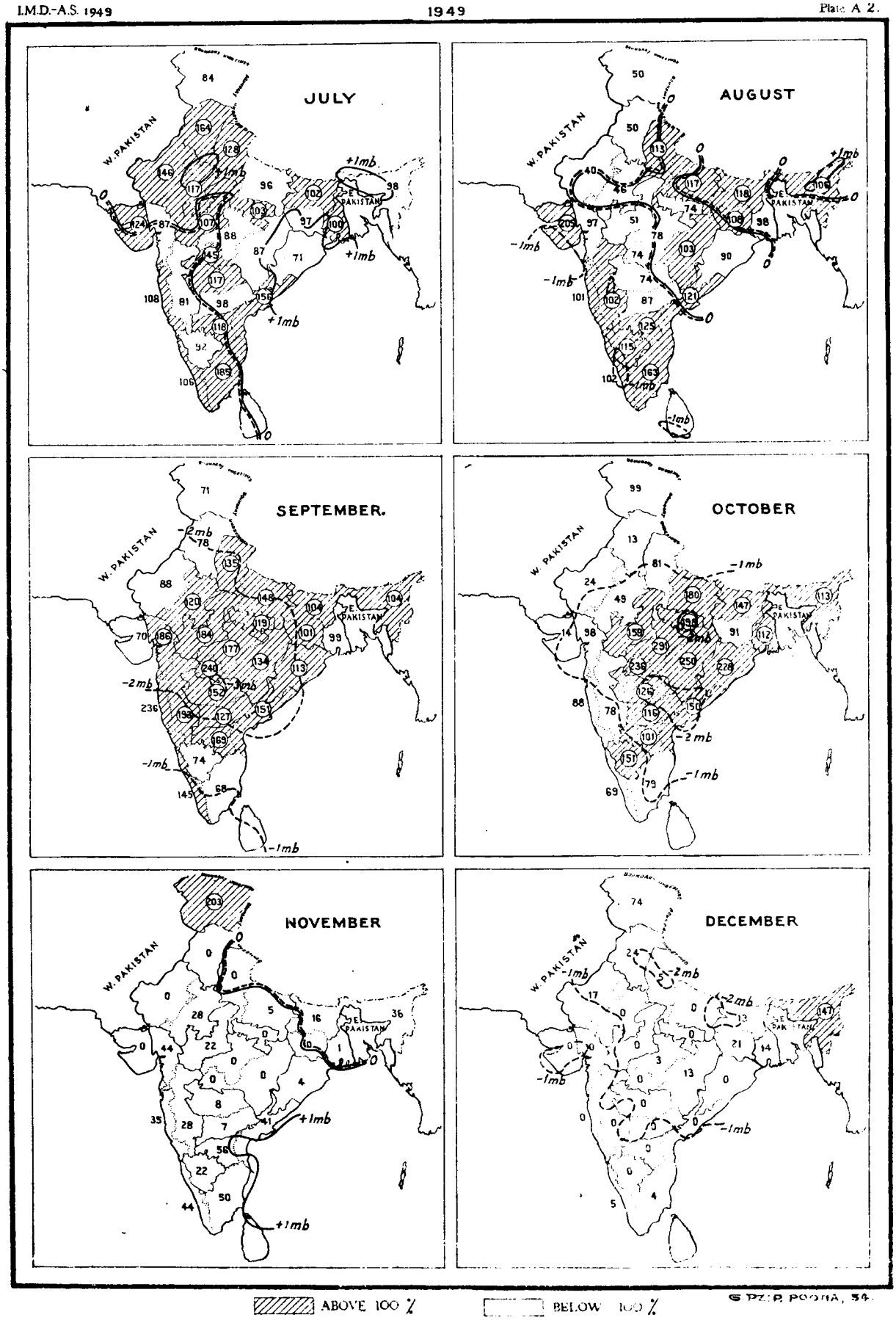
Province and District.	Station.	Date.	Amount. Preceding day.	On date in column 3.	Succeeding day.
1	2	3	4	5	6
UTTAR PRADESH					
Agra	Firozabad	July 22	1·55	10·81	0·03
Nainital	Kathgodam	,, 12	0·09	11·14	1·67
Mainpuri	Mainpuri	Aug. 18	0·02	10·09	1·87
Etawah	Etawah	,, 18	0·56	10·43	1·12
CENTRAL PROVINCES & BERAR					
Chanda	Sindewahi	Aug. 13	0·17	12·29	3·63
Do.	Nalesar	,, 13	0·34	10·54	1·36
Do.	Garmusi	,, 13	0·17	12·29	3·63
BOMBAY.					
Satara	Mahabaleshwar	July 13	3·83	11·79	7·83
Ratnagiri	Guhagar	,, 13	2·85	10·15	6·53
Do.	Khed	,, 13	5·56	10·66	5·30
Do.	Mandangad	,, 13	7·95	11·70	10·60
Do.	Do.	,, 14	11·70	10·60	2·68
Bombay	Bombay	Sept. 22	1·10	14·65	17·04
Do.	Do.	,, 23	14·65	17·04	0·43
Kolaba	Alibag (obsy.)	,, 23	2·98	15·50	15·60
Do.	Do.	,, 24	15·50	15·60	1·50
Do.	Alibag	,, 22	3·60	12·10	16·05
Do.	Do.	,, 23	12·10	16·05	1·80
Do.	Uran	,, 22	1·10	12·03	0·77
Do.	Pen	,, 24	1·90	10·70	0·93
Ratnagiri	Mandangad	,, 23	6·40	13·56	2·45
Do.	Harnai (obsy.)	,, 23	5·15	12·15	1·17
MADRAS					
Malabar	Vythiri	July 16	5·59	11·58	0·50
Do.	Trikkur	,, 16	5·60	11·00	3·00
Do.	Tellicheery	,, 16	2·42	10·29	3·33
Do.	Kuttiyadi	,, 16	4·70	11·65	2·03
Do.	Lakkidi	,, 16	6·30	12·50	2·78
Do.	Tellicherry	Aug. 4	3·42	11·35	3·49
Guntur	Vinukonda	Sept. 22	1·64	10·42	0·04
Kurnool	Yellur (Lock No. 16)	,, 22	3·60	11·00	1·08
Vishakhapatnam	Pulaparti	,, 29	8·50	12·65	10·00
Do.	Do.	,, 30	12·65	10·00	1·10
East Godavari plains	Prattipadu	,, 29	5·60	10·40	1·20
Do.	Biccavole	,, 28	4·50	10·20	0
Do.	Chintapalli	,, 28	0·85	10·30	6·55
Krishna	Masulipatnam	,, 26	0·80	19·78	·57
Do.	Pandraka Factory	28	0·62	15·08	5·12
Do.	Kothagudem	,, 28	2·10	11·20	0

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



ABOVE 100 % BELOW 100 %

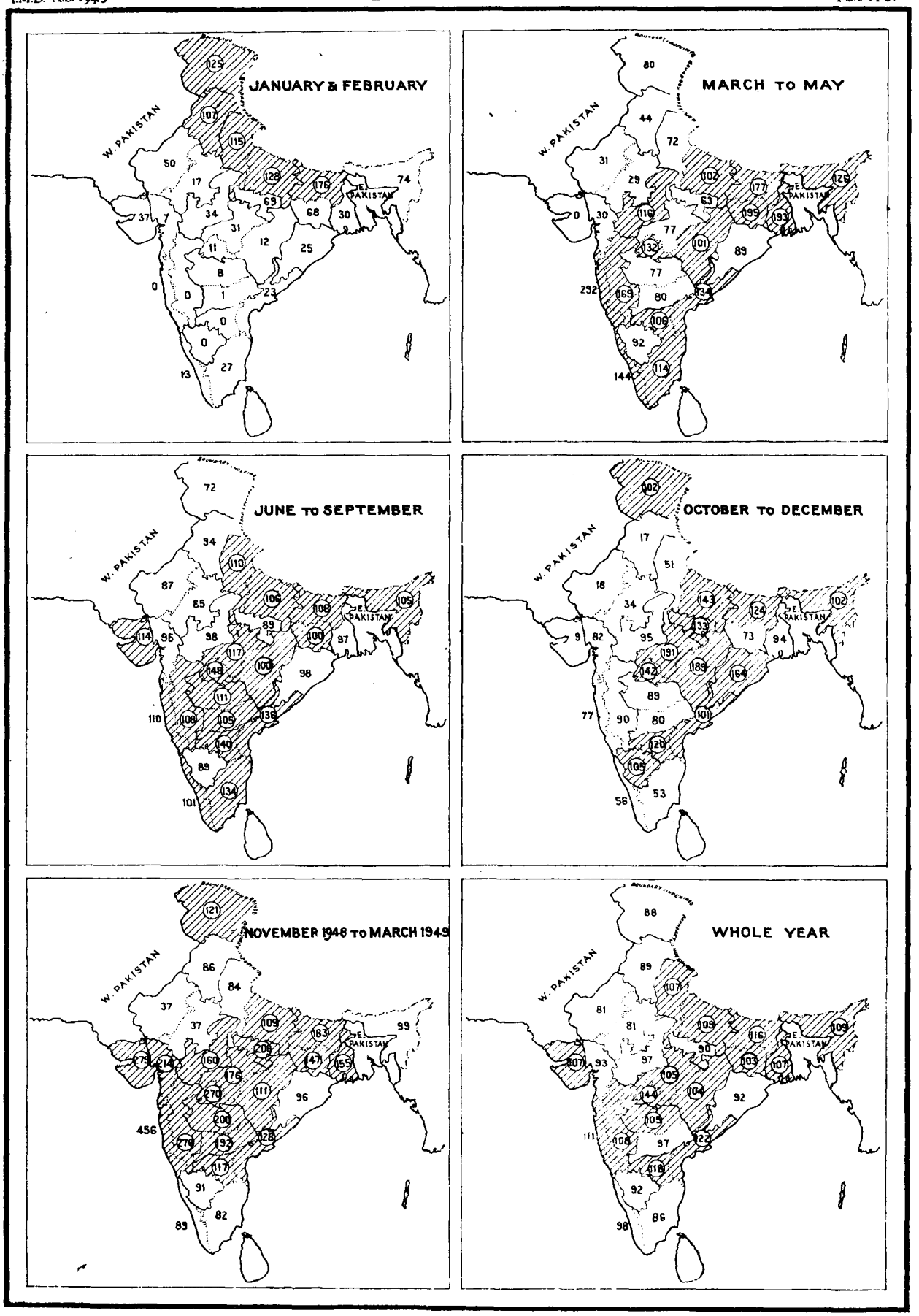
SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS) AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)



ABOVE 100 % BELOW 100 %

G P.Z.P. POONA, 54.

SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS) IN DIFFERENT PERIODS OF THE YEAR 1949.



ABOVE 100 % BELOW 100 %

G.P.P. POONA, 54.

LIST OF AGENTS IN INDIA FROM WHOM GOVERNMENT OF INDIA PUBLICATIONS ARE AVAILABLE AS ON 31/12/54—*contd.*

(*Continued from inner page of the front cover.*)

HOSHIARPUR—
Parkash News Agency.
Universal Book Stores.

HYDERABAD (DN.)—
Hyderabad Book Depot.
Swaraj Book Depot, 1368, Lakri Ka Pul.
Director, Govt. Press (Publications).

INDORE—
Literature Palace, 31, Sanyogitaganj.
Rupayana, Rampurwala Buildings.
Shri Indore Book Depot, 33, Mahatma Gandhi Road.

JAIPUR CITY—
Garg Book Co., Tripolla Bazar.
Upper India Publishing House.
Vani Mandir Swai Man Singh Highway.
Supdt., Ptg. & Sty. Deptt., Rajasthan.

JAMMU (TAWI)—
Krishna General Stores, Raghunath Bazar.

JAM NAGAR—
Swadeshi Vastu Bhandar.

JHANSI—
Bhatia Book Depot, Sadar Bazar.
English Book Depot.

JODHPUR—
Dwarka Das Pathi.
Kitab Ghar, Sojati Gate.

JUBBULPORE—
Modern Book House, Jawaherganj.

JULLUNDUR CITY—
Excelsior Book Depot.
Hazooria & Sons, Mai Hiran Gate.
Jain General House.
University Publishers.

KANPUR—
Advani & Co.
Sahitya Niketan.
Universal Book Stall, The Mall.

KARNAL—
Malhotra & Co.

KODARMA—
The Bhagwati Press, P.O. Thumsitelaiya.

KHURJA—
Bharati Mandir, 31-C, Nai Basti.

KOLHAPUR—
Maharashtra Grantha Bhandar.

KOZHIKODE—
K. R. Brothers.

KUMTA—
S. V. Kamat, Booksellers, Kumta, N.K.

LUCKNOW—
Balkrishna Book House.
British Book Depot, 84, Hazratganj.
Law Book Agency, 29-A, Kachery Road.
Ram Advani, Hazratganj.
Universal Publishers Ltd., Plaza Building.
Upper India Publishing House Ltd.
Literature Place, Aminabad Park.

LUDHIANA—
Lyall Book Depot.
Mohindra Brothers, Katchery Road.

MADRAS—
Accounts Test Institute, P.O. 760 Egmore.
C. Subhash Chetty & Co., Triplicane.
Devine Trading Co., 22, Namasivaya Mudali Street, Triplicane.
Higginbothms.
K. Krishnamurthy, Mount Road.
Presidency Book Supplies, 8-Pycrofts, Triplicane.
Supdt., Govt.Press, Mount Road.
Varadachary & Co.

MADURAI—
Vivekananda Press, 48, West Masi Street.

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

MASULIPATAM—
M. Sheshachalam & Co.
Trivani Publishers.

MEERUT—
Hind Chitra Press.
Prakash Educations Stores, Near Tehsil
University Book Depot.
Loyal Book Depot, Chhipi Tank

MYSORE—
H. Venkataramiah & Sons.
Vedyanidhi Book Depot, Hundred Feet Road.
J. Nanumal & Sons, Lansdowne Buildings.

NAGIANA—
Goyal Brothers, Booksellers, etc.

NAGPUR—
Supdt., Govt. Printing (M.P.).
Western Book Depot.
New Book Depot, Moch No. 3, Sitabuldi.

NAINITAL—
Consul Book Depot.

NEW DELHI—
Amrit Book Co., Connaught Circus.
Bhawani & Sons, Connaught Place.
Bodh Raj Marwah, Shop No. 65, Pusa Road Market, Karol Bagh.
Central News Agency, Connaught Place.
Empire Book Depot. 278. Aliganj, Lodhi Road.
English Book Stores, G. Block, Connaught Circus.
Faqirchand Marwah & Sons, Khan Market.
Jain Book Agency, Connaught Place.
Navyug Traders, Original Road, Karol Bagh.
Oxford Book & Stationery Co., Scindia House.
Rama Krishna & Sons (of Lahore) 13/13, Connaught Place.
Saraswati Book Depot, 15, Lady Hardinge Road.
Sikh Publishing House Ltd., 70-C, Connaught Place.
Suneja Book Centre, 24/90, Connaught Circus.
Taneja Books & Stationery Mart, Raisina Road.

PATIALA—
Jainq Co., Booksellers etc., Bazar Shaha Nashin.
Supdt., Bhupendra State Press, PEPSU.

PATNA—
Shukla Book Depot, Bankipur.
Supdt., Govt. Printing, Bihar, P.O. Gulzar Bagh, Patna.

PATNA CITY—
Lakshmi Trading Co., Padri-ki-Haveli.
Moti Lal Banarsi Dass, Bankipore.

POONA—
Deccan Book Stall, Ferguson College Road.
Imperial Book Depot, 266, Main Street.
International Book Service Deccan Gymkhana.
N. R. Bhalerao, 602, Shanwar Peth.
Raka Book Agency.

RAJKOT—
Mohan Lal Dossabhai Shah.

RANCHI—
Ideal Book Stores, Near Parsthan Theatre, Main Road.

REWA—
Supdt., State Govt. Emporium, U.P.

ROORKEE—
Cambridge Book Depot.

SAGAR—
Students Book Depot.

SECUNDERABAD (DN.)—
Hindustan Diary Publishers.

SHILLONG—
Supdt., Assam Secretariat Press.
Chapala Book Stall.

SIMLA—
Azad Kitab Mahal, Stall No. 13,
J. Ray & Sons (India), Ltd.
Minerva Book Shop, The Mall.
Sunder Dass & Sons, 141, Lower Bazar.
Supdt., Himachal Pradesh Govt. Press.

SIROHI—
National Trading Co.

SONIPAT—
United Book Agency.

SURAT—
Popular Book Stores, Tower Road.
Shree Ganjanan Pustakalaya, Tower Road.

TRICHINOPOLY FORT—
Krishnaswami & Co., S. S., Teppakulam.

TRIVENDRUM
International Book Depot, Main Road.

UJJAIN—
Manakchand Book Depot, Patni Bazar.

VELLORE—
Venkatasubhan, S., Law Booksellers.

VIJAYAWADA—
Hindustan Diary Publishers.
The Commercial Links, Governorpet.