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INDIA WEATHER REVIEW, 1938

ANNUAL SUMMARY

PART A

SUMMARY OF WEATHER WITH TABLES

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Reference.	Column.	Replace the existing figures, if any, by
1	2	3
Page A5—		
Central Provinces and Berar	3	46·80
Kashmir	10	0
Baluchistan	10	0
Pages A6—A7—		
Rangoon	39	50
Bassein	35	18
Sandoway	49	58
Toungoo	39	95
Bhamo	38	5
Dibrugarh	42	18
Gauhati	52	137
Berhampore	22	—6
Jalpaiguri	23	67
Page A9—		
Angul	28	—0·60
Ranchi	47	27
Naya Dumka	38	71
Gorakhpur	40	20
Jhansi	32	+2·4
Dehra Dun	39	9
Rawalpindi	46	3
Pages A10—A11—		
Fort Abbas	16	63·1
Skardu	30	I, II
Las Bela	5	29·366
Karachi (Manora)	11	—0·3
Jaipur	41	60
Kotah	23	35
Page A13—		
Baroda	27	34·50
Pendra	27	55·28
Jagdalpur	27	62·97
Pages A14—A15—		
Bijapur	20	·452
Madura	34	+1·7
Pages A16—A17—		
Cherrapunji	52	35
Aijal	36	15
Kodaikanal	27	54·04
Trincomalee	27, 28, 31 and 32.	69·90, +8·31, 90 and +17·7.
Hambantota	12	69
Nuwara Eliya	16 and 18	56·2 and ·428
Page A19—		
Minicoy—July	24	7·8
Minicoy—August	24	6·8
Amini Divi—March	34	+0·5

Reference.	Column.	Replace the existing figures, if any, by
1	2	3
Pages A20—A21—		
Table Island—May	22	0
Table Island—November	35	11
Thaton—October	43	13
Thaton—Year	Omit the figures in column 3.	
Pages A22—A23—		
* Kashgar—May	22	+13
* Kashgar—September	31	1
Kabul—June	9	7
Page A24—		
Jask	9	VII, IX
Pages A26—A27—		
Lumding	10	70·7
Calcutta (21)—September	6	85·3
Pages A28—A29—		
Srinagar—March	6	43·2
Jodhpur—November	2	29·241
Peshawar—February	19	4
Peshawar—August	24	1
Pages A30—A31—		
Poona—November	2	28·075
Trivandrum—October	12	·845
Page A33—		
Karachi (Drigh Road)—October	7	26
Page A39—		
Madras—October	20—21	8·6
Page A40—		
September	2	9
Year	6	153
Page A43—		
Madras	35	1·25
Page A45—		
Baluchistan	19	0·48
Central India East	32	15·9
Mysore	20	—0·03
Page A47—		
Madras Deccan	56	—95
Pages A48—A49—		
Lower Burma	8	88·69
Rajputana	12	—0·49
Gujarat	14	28·41
Page A50—		
North-West Frontier Province	5	—1·8
Baluchistan	5	—1·9
Sind	5	—1·0

INDIA WEATHER REVIEW, 1938

ANNUAL SUMMARY.

PART A.

Weather and Rainfall of 1938.

Summary.—The cold weather period, comprising the months of January and February, was characterised by excessive rainfall in Hyderabad and east and south Madras. Rainfall was also abundant in most parts of northern India and parts of Central India and the Central Provinces mainly in association with western disturbances. In Gujarat and the surrounding divisions and in the Madras Deccan, rainfall was much less than usual. The rainfall during the hot weather period, March to May, was deficient over the region from Baluchistan and the North-West Frontier Province to the west United Provinces and east Central India and abundant over most of the remaining divisions. The southwest monsoon period, June to September, was marked by spells of heavy rains, which resulted in floods in the Brahmaputra valley in July and in the United Provinces in August. The total rainfall ot the period was above the average in the east United Provinces, Bihar, the Central Provinces, the Deccan, Mysore and east Madras. There was, however, less rain than usual in northwest India, particularly in and near the triangular area enclosed between the lines joining Delhi, Lahore and Ajmer. During the retreating southwest monsoon period, October to December, rainfall was generally scanty, except over the region from Gujarat and the Konkan to east Central India and the east Central Provinces and in Orissa and Assam.

I.—*The Cold Weather Period, January and February.*—In ***January***, eight western disturbances passed across India and caused abundant rainfall over most of northern and central India, while over the Peninsula weather was practically dry.

During ***February***, parts of northern India continued to receive fairly abundant rainfall in association with the passage of nine western disturbances. In the first ten days there was also a revival of the northeast monsoon, resulting in marked thunderstorm activity over the Madras Presidency and Hyderabad.

The total rainfall during the cold weather period was in large excess in Malabar, Hyderabad, east Central India, southeast Madras and Chota Nagpur, in large defect in Gujarat the Konkan, the Bombay Deccan, the Madras Deccan, Rajputana and Sind, in slight to moderate excess in Kashmir, the north Madras coast, the United Provinces, the east and north Punjab, Baluchistan, the west Central Provinces, and the Bay Islands, in slight to moderate defect in Berar, west Central India, Mysore, the east Central Provinces, Orissa and Assam and normal elsewhere.

Of the cold waves following the western disturbances three were well-marked. The first of these prevailed over northwest India between the 1st and 8th January, the second affected the North-West Frontier Province and Kashmir between the 13th and 15th January and the third spread from north-west India to the central parts of the country between the 14th and 18th February ; the last one gradually moved farther eastwards, persisting for another four days.

The mean minimum temperature was below normal in the North-West Frontier Province and above normal in Hyderabad, Mysore and the Madras Presidency. The mean maximum temperature was below normal in the North-West Frontier Province, the Punjab, Sind and Rajputana. The mean cloud amount was in excess in Orissa, Bihar, the United Provinces, the Punjab, Sind and the Madras Presidency. Humidity was in excess in the North-West Frontier Province and in defect in the Bombay Presidency.

II.—*The Hot Weather Period, March to May.*—In ***March***, there was excessive precipitation in the extreme north in association with western disturbances (seven in all) and also in the Deccan, Mysore and southeast Madras owing to a depression from the southwest

Bay of Bengal which travelled as a trough of low pressure across the Peninsula into the Arabian Sea and filled up over Kathiawar. Over the rest of the country rainfall was mostly scanty.

During ***April***, spells of thunderstorm activity, occasionally intense, were experienced in the extreme northeast and the south of the country and over the region from the south Central Provinces to the Bombay Deccan. Northwest India was visited by five western disturbances, but the associated precipitation was in slight to large defect in the different divisions of northwest India.

The month of ***May*** was characterised by marked thunderstorm activity over the northern half of the Peninsula including Gujarat, in the central parts of the country, the east United Provinces, Bihar, Chota Nagpur, Orissa and Bengal. Five western disturbances, which were mostly feeble, affected northwest India. The southwest monsoon made a preliminary advance into the southeast Arabian Sea and the South Bay of Bengal about the 12th. Later in the month, there was a short-lived shallow depression in the north Bay ; during the last week, a depression developed at the head of the Bay and travelled northwards causing heavy rain in Bengal. With the advance of the monsoon along the Malabar coast towards the end of the month, a depression formed in the east central Arabian Sea. It passed away towards Arabia as a low pressure wave causing the monsoon to extend in the south and central Arabian Sea.

The total rainfall of the hot weather period was in large excess in the Bombay Deccan, Berar and Gujarat, in large defect in Sind, Rajputana, the west United Provinces, the Punjab, in slight to moderate excess in Bengal, Bihar, the Konkan, Hyderabad, west Central India, the Bay Islands, Orissa, Malabar and south-east Madras, in slight to moderate defect in east Central India, Baluchistan, Kashmir, the North-West Frontier Province, Mysore and Chota Nagpur and normal elsewhere.

High temperatures were experienced in most parts of northern and central India during the first twelve days of March and in and around east Central India during the third week. A pronounced cold spell occurred in north-west India between the 17th and 23rd March. Low temperatures prevailed over the northwest frontier and the adjoining areas again on the 5th, 7th and 8th April, and extended into the Central Provinces, the United Provinces, Bihar and Chota Nagpur by the 10th. Temperatures were, on the other hand, high along and near the north-west frontier between the 18th and 20th April, and in west Rajputana and the west United Provinces between the 21st and 24th. During the last three weeks of April, northeast India also experienced frequent spells of warm weather which occasionally extended as far west as the east Punjab. Markedly high temperatures prevailed over the greater part of northwest India during the first fortnight of May.

The mean maximum temperature during the period was above normal in Assam, the United Provinces, the Punjab, the North-West Frontier Province and Central India and the mean minimum temperature was above normal in Assam, Bengal, the United Provinces, the Punjab, Rajputana and the Central Provinces including Berar. The mean cloud amount was in excess in Bengal, Bihar, Orissa, the Central Provinces including Berar and the Peninsula, and in defect in Rajputana. Humidity was in defect in the United Provinces, the Punjab and the North-West Frontier Province.

III.—*The Southwest Monsoon Period, June to September.*—In the month of ***June*** there was more rain than usual, the monsoon having set in early in many provinces. In the beginning of the month, conditions became temporarily unsettled off the Konkan-Kathiawar coast and the Arabian Sea current of the monsoon extended up to Gujarat. Subsequently the passage of a low pressure area from the Bay of Bengal through the central parts of the country into east Rajputana resulted in a general strengthening of the monsoon over the country, especially in Gujarat, and its extension right up to the north-west frontier. Several stations in northern India and on the west coast recorded heavy rain. After the middle of the month, another low pressure area travelled from the north Bay of Bengal to the Central Provinces causing a fresh revival of the monsoon over most of the country. Raver in east Khandesh recorded 8″ of rain and Khargone in west Central India 16″ on the 20th, while a fall of 20″ was recorded at Ratnagiri on 19-20th. Yet another marked revival of the monsoon took place between the 23rd and the 25th, this time over the belt from east Gujarat to the east and north Punjab and in and near Mysore. During the month, there were two western disturbances, the first of which caused widespread thunderstorms in northern and central India.

In ***July***, though the depressions were few and shallow, the normal activity of the monsoon was generally maintained in all parts of the country except north-west India. Spells of vigorous monsoon were experienced over parts of northern and central India, with occasional increase of rainfall in the Deccan also. Continuous rain fell over the region from Assam to the United Provinces during the third week, resulting in heavy floods in the Brahmaputra and its tributaries. According to press reports large areas were submerged and breaches in railway lines caused serious dislocation of traffic in parts of Assam and Bengal.

The monsoon continued active during ***August***. In the second week it was strong in and near the eastern Himalayas and the east United Provinces. Bahraich recorded 13″ of rain on the 10th. About the middle of the month a depression from the Bay of Bengal crossed the coast near Barisal, took a westward course through Central India and merged into the seasonal low. In association with it the monsoon became vigorous in the United Provinces and the hills of the Punjab, causing severe floods in the United Provinces. During the rest of the month the monsoon was fairly active over most of the country outside north-west India, where it temporarily revived during the last week ; in the south Deccan and Mysore, rainfall was in large excess.

During the first week of ***September***, two shallow lows appeared over Bengal one after the other and the monsoon remained active over northeast India and the east United Provinces. Allahabad recorded 10″ of rain on the 4th and Bahraich a total of 14″ during forty-eight hours from 5th to 7th September. Afterwards, there was a general weakening of the monsoon and thunderstorms characteristic of the retreating monsoon gradually increased and extended over most of the country excluding north-west India. In the last week, a deep depression from the Bay of Bengal crossed the coast near Masulipatam and weakened into a trough of low pressure over the Deccan at the end of the month. The associated rainfall was fairly widespread over the Peninsula and the adjoining areas to the north.

The total rainfall of the monsoon season was in large excess in the Madras Deccan, in slight to moderate excess in Hyderabad, the east United Provinces, Berar, the north Madras coast, south-east Madras, the Bombay Deccan, Bihar, the Central Provinces, Mysore and the Bay Islands, in slight to moderate defect in Sind, the Punjab, Rajputana, Baluchistan, Kashmir, Gujarat, the North-West Frontier Province, the west United Provinces, Orissa and Chota Nagpur and normal elsewhere.

Low temperatures prevailed in and around the central parts of the country during June. Weather was much warmer than usual over the region from east Rajputana to the North-West Frontier Province between the 3rd and the 5th July. A spell of cool weather appeared over south-east Madras and the Madras Deccan on the 21st August and extended northwards up to Berar and Gujarat by the 27th. Temperatures were higher than usual over north-west India outside Kashmir, in Central India and the United Provinces during the second half of September and in the east and north Punjab during the whole month.

The mean maximum temperature was below normal in the Central Provinces including Berar and in Hyderabad. The mean cloud amount was in excess in Orissa, the United Provinces, the Central Provinces including Berar and in Hyderabad. Humidity was in excess in the Central Provinces including Berar and in Hyderabad.

IV.—*The period of Retreating South-west Monsoon, October to December.*—The trough of low pressure over the Deccan at the end of September passed out into the Arabian Sea in the beginning of ***October***, and, after intensifying again into a deep depression, recurved and moved inland across the Konkan coast near Damao (about 30 miles south of Surat). It was responsible for widespread and locally heavy rainfall over the north and west of the Peninsula. Besides extensive damage to crops and property in the affected area, it caused dislocations in railway services and in telegraphic and telephonic communications in the Konkan. Meanwhile, a severe storm had developed in the Bay of Bengal. Crossing coast between Puri and Gopalpur, it weakened into a depression. It travelled up to west Central India and filled up by the 14th. It caused considerable destruction in the Ganjam district and widespread and locally heavy rain in the field of its activity. But rainfall was deficient over north west India, the four western disturbances that affected the area during the month being all feeble. Rainfall was in defect in the south of the Peninsula also, as the north-east monsoon did not arrive until the fourth week of October.

During ***November***, there were three severe cyclonic storms in the sea areas. The first of these developed in the Bay of Bengal. It weakened into a depression while approaching the Chittagong coast on the 12th and filled up by the following day after causing fairly widespread rain in Bengal and Assam. The second formed in the east Arabian

Sea. It became severe, and then filled up in the sea off the Konkan coast by the 9th, causing nearly general rain in and near the Konkan. The third resulted from the intensification of unsettled conditions which had appeared over the south Andaman Sea on the 20th ; it passed inland near Masulipatam on the 26th and filled up by the next day, the associated rainfall being widespread and locally heavy on the north Madras coast, where, according to press reports, many casualties and considerable damage to property occurred. Six western disturbances passed through north-west India and the north-east monsoon was active in the south of the Peninsula for half the month ; the total precipitation for the month in each of these regions was in large defect.

During ***December***, the western disturbances, though eight in number, were almost all feeble, and the north-east monsoon was also generally weak except for brief spells of activity induced by (1) a trough of low pressure to the south-east of Ceylon in the first week and (2) the development of unsettled conditions in the neighbourhood of Ceylon in the fourth week.

The total rainfall of the period October to December was in large excess in the Konkan, the Central Provinces and west Central India, in large defect in the Madras Deccan, Rajputana, south Hyderabad, the Punjab, Mysore, Sind, the west United Provinces, south-east Madras and Bihar, in slight excess in Assam, Berar, Orissa, the Bombay Deccan and east Central India, in slight to moderate defect in Baluchistan, Chota Nagpur, Malabar, the North-West Frontier Province, the east United Provinces, Kashmir, the north Madras coast and Bengal and normal elsewhere.

Unusually warm weather was experienced over north-west India and the United Provinces during the first week of October. A marked cold wave appeared over the north-west frontier on the 27th November and extended gradually over the whole of north west India and subsequently over the United Provinces and the central parts of the country, where it persisted till the 5th December.

The mean cloud amount was in excess in Orissa, the United Provinces and the Bombay Presidency and in defect in the Punjab. Humidity was in defect in Central India, the Punjab and Rajputana.

V. *Year.*—Taking the year as a whole, rainfall was in slight to moderate excess in the Konkan, the Bombay and Madras Deccan, Hyderabad, Berar, the Central Provinces, west Central India, the west United Provinces, the north Madras coast, Bihar and Bengal, and in the Bay Islands. It was in slight to moderate defect in Gujarat, Rajputana, Sind, Baluchistan, the North-West Frontier Province, the Punjab, the west United Provinces and Chota Nagpur and also in Mysore and south east Madras. The rainfall was normal elsewhere. Averaged over the plains of India (excluding Burma), the total rainfall was in excess by 3 per cent.

TABLE I.—DIVISIONAL AND SUB-DIVISIONAL MEANS FOR THE YEAR 1938.

	RAINFALL.*				DEPARTURE FROM NORMAL OF				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
	"	"	"		°	°	"	%	
Division.									
1. Burma .	115·67	114·12	+1·55	+1	—0·8	+0·6	—·001	+1	+1·0
2. Assam .	92·93	89·35	+3·58	+4	+0·5	+1·6	+·005	—1	+0·6
3. Bengal .	84·83	78·06	+6·77	+9	+0·6	+0·9	+·002	—1	+0·7
4. Orissa .	51·75	56·58	—4·83	—9	+0·3	+0·2	—·002	—1	+1·3
5. Bihar .	51·26	50·48	+0·78	+2	+0·4	+0·2	+·002	—2	+0·6
6. United Provinces	47·58	41·57	+6·01	+14	+0·4	+0·4	—·003	—1	+0·8
7. Punjab .	14·17	19·04	—4·87	—26	+0·8	+0·4	—·009	—4	—0·1
8. North-West Frontier Province.	8·22	11·78	—3·56	—30	+0·5	+0·1	—·007	—2	—0·2
Sub-Division.									
1. Bay Islands	128·49	122·82	+5·67	+5	—1·3	+0·2	—·008	—1	+0·3
2. Lower Burma	152·33	153·15	—0·82	—1	—0·7	+0·8	—·001	0	+1·3
3. Upper Burma	55·44	50·04	+5·40	+11	—1·0	+0·3	0	+1	+0·5
4. Assam .	92·93	89·35	+3·58	+4	+0·5	+1·0	+·005	—1	+0·6
5. Bengal .	84·83	78·06	+6·77	+9	+0·6	+0·9	+·002	—1	+0·7
6. Orissa .	51·75	56·58	—4·83	—9	+0·3	+0·2	—·002	—1	+1·3
7. Chota Nagpur	41·59	51·72	—10·13	—20	—0·2	—0·2	+·018	0	+0·9
8. Bihar .	55·13	50·00	+5·13	+10	+0·9	+0·5	—·011	—3	+0·4
9. United Provinces, East	60·71	41·61	+19·10	+46	+0·1	+1·0	0	0	+0·9
10. Do. do. West	36·28	41·54	—5·26	—13	+0·7	—0·1	—·006	—3	+0·8
11. Punjab, East and North	20·58	27·03	—6·45	—24	+0·9	+0·4	—·014	—4	+0·2
12. Do. Southwest	6·72	9·74	—3·02	—31	+0·7	+0·4	0	—3	—0·5
13. Kashmir .	33·46	26·96	+6·50	+24	—1·8	+0·9	0	—1	0
14. North-West Frontier Province	8·22	11·78	—3·56	—30	+0·5	+0·1	—·067	—2	—0·2
15. Baluchistan	7·63	7·59	+0·04	+1	—0·2	+1·9	+·012	—1	0
16. Sind .	2·91	5·67	—2·76	—49	—0·2	+0·2	—·001	0	+0·4
17. Rajputana, West.	10·26	13·62	—3·36	—25	+0·7	+1·5	+·015	0	0

	RAINFALL.*				DEPARTURE FROM NORMAL OF				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
	"	"	"		°	°	"	%	
Division—*contd.*									
9. Sind .	2·91	5·67	—2·76	—49	—0·2	+0·2	—·001	0	+0·4
10. Rajputana	15·75	22·06	—6·31	—29	+0·2	+0·7	—·004	—4	+0·1
11. Bombay .	41·79	36·85	+4·94	+13	—0·4	0	—·025	—3	+0·6
12. Central India	40·02	37·45	+2·57	+7	+0·5	—0·3	—·011	—2	+0·2
13. Central Provinces and Berar.	53·34	46·80	+6·54	+14	—0·2	+0·7	+·004	+1	+0·9
14. Hyderabad	40·33	32·94	+7·39	+22	—1·1	+0·6	—·015	0	+0·8
15. Mysore .	24·38	31·74	—7·36	—23	+0·5	+1·1	—·006	0	+0·4
16. Madras .	45·59	48·62	—3·03	—6	—0·8	+0·7	—·015	—1	+1·1
Mean of India (excluding Burma)	41·12	40·24	+0·88	+2	+0·1	+0·5	—·005	—2	+0·6
Sub-Division—*contd.*									
18. Rajputana, East	17·14	24·20	—7·06	—29	—0·1	+0·4	—·010	—6	+0·1
19. Gujarat .	19·61	23·21	—3·60	—16	—0·3	0	—·036	—4	+0·8
20. Central India, West	41·67	31·17	+10·50	+34	—0·6	+0·2	—·037	—5	+0·3
21. Do. do. East	38·36	43·75	—5·39	—12	+1·5	—0·9	+·015	0	+0·1
22. Berar .	42·56	32·19	+10·37	+32	—1·8	+0·7	+·008	+3	—0·1
23. Central Provinces, West	53·13	46·77	+6·36	+14	—0·1	+0·6	+·005	+1	+1·0
24. Do. do. East	59·06	54·14	+4·92	+9	+0·5	+0·6	+·001	0	+1·0
25. Konkan .	115·65	96·93	+18·72	+19	—0·3	0	—·011	—1	0
26. Bombay Deccan	38·13	28·69	+9·44	+33	—0·5	0	—·015	—2	+0·6
27. Hyderabad, North	44·63	34·58	+10·05	+29	—1·5	+1·0	—·014	+1	+1·0
28. Do. South	36·00	31·31	+4·69	+15	—0·7	+0·3	—·014	0	+0·7
29. Mysore .	24·38	31·74	—7·36	—23	+0·5	+1·1	—·006	0	+0·4
30. Malabar .	104·98	105·46	—0·48	0	—0·2	+0·5	+·007	0	+0·9
31. Madras, Southeast	29·19	39·48	—10·29	—26	—0·6	+1·2	—·035	—3	+1·3
32. Do. Deccan	27·20	25·70	+1·50	+6	—1·7	+0·4	—·012	—1	+1·3
33. Do. Coast, North.	45·52	39·65	+5·87	+15	—1·0	+0·2	—·002	0	+0·8

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

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature °F.		Wet bulb temperature, °F.		Vapour pressure, inches.			Relative humidity, %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs L. M. T.	Mean 17 hrs I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Bay Islands.																						
*Port Blair	59/261	29·755	—·026	29·495	85·8	—1·3	93	IV, V	77·1	+0·1	71	II	80·8	79·9	77·0	75·6	·874	—·005	·828	83	—1	81
Lower Burma.																						
Victoria Point	157	29·701	—·001	29·630	84·5	—1·2	91	II, IV	74·9	0	69	I	78·2	79·9	75·2	75·4	·829	—·001	·819	87	+3	81
Mergui	66	29·783	—·014	29·697	86·2	—1·2	95	III	75·1	+3·0	66	I	77·3	80·3	74·6	75·7	·823	—·008	·824	88	+1	80
Tavoy	19	29·826	—·024	29·744	87·8	—0·1	97	III, IV	72·5	+0·8	59	I	76·8	80·3	73·9	75·5	·798	—·007	·814	87	—1	80
Amherst	71	29·768	—·021	29·681	86·3	...	96	IV	74·1	...	65	I, II	78·0	81·2	74·3	76·0	·795	...	·825	83	...	78
Rangoon	18	29·804	—·027	29·718	89·4	+0·1	100	III, IV	73·7	+0·7	60	II	77·3	82·6	74·4	76·0	·820	+·017	·811	87	0	74
Tharrawaddy	49	29·777	...	29·683	89·9	...	103	IV, V	70·9	...	48	II	76·5	81·6	74·0	75·7	·813	...	·808	89	...	77
Bassein	20	29·805	—·014	29·728	88·3	+0·1	99	III, IV	72·8	+0·2	58	II	77·8	81·7	74·7	75·4	·822	—·002	·799	86	—2	75
Diamond Island	41	29·770	—·027	29·700	84·5	—0·8	91	IV, V	76·9	+1·2	70	XII	79·7	80·6	76·0	76·2	·851	+·019	·847	84	+4	81
Gwa	11	29·804	...	29·725	85·2	...	93	IV	71·1	...	51	II	76·0	81·3	73·4	76·2	·795	...	·839	88	...	79
Sandoway	28	29·790	...	29·713	88·5	...	98	IV, V	69·1	...	46	II	75·4	80·0	72·7	75·5	·773	...	·825	87	...	81
Toungoo	158	29·676	—·010	29·568	89·6	—0·3	103	IV, V	71·2	+0·8	53	II	76·2	81·7	72·5	74·9	·760	—·020	·775	83	—3	73
Kyaukpyu	18	29·788	—·016	29·709	83·3	—1·4	92	V	73·5	+0·7	58	II	77·6	80·4	74·7	75·4	·823	+·001	·818	87	+1	79
Akyab	29	29·790	—·008	29·708	84·7	—1·1	94	IV	71·5	—0·2	52	II	75·9	79·6	73·1	74·7	·788	—·013	·803	87	—2	79
Upper Burma.																						
Minbu	168	29·650	—·014	29·534	90·6	—0·8	109	IV	71·5	+0·1	52	II	77·0	84·9	71·3	74·0	·701	+·003	·696	74	—1	61
Yamethin	644	29·172	—·011	29·062	89·3	—1·8	104	V	70·1	+0·3	51	II	74·7	81·8	70·7	73·6	·707	+·006	·719	82	+3	68
Mandalay	252	29·569	—·011	29·448	89·5	—1·2	107	IV	70·0	0	47	II	74·8	84·0	70·4	73·4	·695	—·008	·690	81	+7	61
Monywa	267	29·557	—·018	29·432	91·4	—0·2	109	IV	71·3	+0·1	54	II	75·4	85·2	70·8	74·5	·702	0	·714	80	+3	61
Lashio	2,802	27·050	—·004	26·944	80·3	—1·3	96	IV	60·9	+0·4	40	II	65·8	72·8	62·9	66·4	·559	0	·583	85	—1	72
Bhamo	386	29·426	—·021	29·313	84·4	—1·5	99	IV	65·7	+0·8	43	I	70·5	78·2	67·9	72·2	·671	—·007	·725	88	—1	75
Myitkyina	476	29·337	—·022	29·225	83·9	—0·2	100	V	66·1	+0·6	46	I	70·2	78·1	67·5	72·0	·659	+·003	·716	87	0	74
Assam.																						
Dibrugarh	348	29·466	—·024	29·359	82·2	+1·4	97	V	65·3	+0·1	45	I	69·4	75·6	67·4	70·9	·669	+·001	·714	90	—2	79
Sibsagar	317	29·485	—·031	29·375	83·2	+1·9	97	V, VIII	66·3	+0·6	45	I	70·3	77·4	69·2	72·2	·698	0	·787	91	—3	78
Tezpur	258	29·553	—·029	29·437	84·6	+1·4	101	IV	67·6	+0·6	47	II	71·6	78·3	68·6	71·9	·683	+·003	·713	85	—4	72
Gauhati	182	29·616	—·029	29·504	85·1	+0·6	102	IV	67·7	+1·4	45	II	72·0	79·6	69·3	72·4	·707	+·008	·714	87	—1	70
Dhubri	115	29·691	—·013	29·581	82·7	—0·1	104	IV	68·9	+0·9	49	II	72·3	79·3	69·5	71·9	·714	+·011	·697	86	—1	69
Silchar	96	29·721	—·018	29·609	86·0	—0·1	98	IV, IX, X	68·4	+0·9	46	II	71·8	79·7	69·8	73·5	·722	—·002	·756	90	+3	74
Srimangal	69	29·733	—·023	29·628	86·8	—1·0	104	IV	67·0	+1·9	40	II	73·7	79·4	70·8	73·9	·735	+·017	·779	87	—1	77
Bengal.																						
Cox's Bazar	38	29·764	—·012	29·683	84·4	—0·5	96	IV	69·7	+0·1	51	II	76·2	79·3	72·4	73·9	·758	—·020	·773	83	—3	76
Chittagong	87	29·721	—·014	29·632	85·3	+0·4	102	IV	70·1	+0·8	49	II	74·8	79·3	71·3	73·6	·732	—·023	·759	83	—3	76
Noakhali	22	29·772	—·024	29·679	84·6	0	101	IV	72·5	+1·2	53	II	76·4	80·6	73·2	74·5	·792	+·015	·789	85	—2	74
Comilla	37	29·750	—·030	29·654	88·0	+1·9	107	IV	70·0	+1·3	46	II	75·7	80·7	72·1	74·1	·761	—·001	·763	84	—2	73
Brahmanbaria	32	...	...	...	86·3	—0·6	103	IV	70·4	+2·8	47	II	75·8	81·6	72·0	74·1	·759	+·020	·754	83	+3	70
Narayanganj	26	29·753	—·031	29·659	87·5	+1·3	103	IV	71·2	+0·7	50	II	76·1	81·9	72·3	73·6	·764	—·005	·732	82	—3	67
Mymensingh	62	29·736	—·020	29·632	86·3	+1·5	105	IV	69·1	+0·2	46	II	73·9	81·9	71·0	73·4	·748	+·011	·720	87	0	66
Faridpur	27	29·753	—·034	29·655	86·4	+1·0	105	IV	70·0	+1·0	45	II	75·6	80·6	72·4	73·6	·783	+·008	·746	85	—2	72
Barisal	11	29·764	—·026	29·676	86·7	+0·9	103	IV	71·9	+1·6	50	II	76·5	81·7	73·0	74·2	·785	—·009	·757	84	—1	69
Khulna	16	29·772	—·012	29·675	86·8	+0·4	102	IV	71·3	+1·7	48	II	77·4	80·7	73·3	74·2	·790	+·025	·767	81	+1	73
Jessore	26	29·743	—·033	29·646	87·6	...	105	IV	68·4	...	42	II	75·9	79·9	73·1	74·1	·805	+·034	·785	87	+3	76
Satkhira	16	29·756	—·023	29·661	88·3	+0·3	105	IV	70·1	+1·1	46	II	76·8	82·6	73·1	74·5	·795	+·001	·761	83	—1	68
Calcutta	21	29·751	—·024	29·657	88·8	+0·8	107	IV	71·6	+1·7	50	II, XII	75·7	82·9	72·5	74·1	·789	+·029	·742	85	+1	65
Saugor Island	10	29·757	—·024	29·668	84·7	—0·7	98	IV	73·9	+0·5	52	II	78·1	80·9	74·2	75·1	·809	—·018	·809	82	—3	75
Sandheads	28	29·747	—·024	29·665	...	...	...	...	...	...	...	...	80·6	81·9	75·8	76·2	·840	—·005	·844	79	—1	76
Midnapore	149	29·625	—·016	29·519	90·6	+0·8	114	IV	70·7	+0·2	48	II	76·7	84·3	71·5	73·4	·730	+·017	·692	76	0	60
Burdwan	99	29·676	—·019	29·570	89·9	+1·1	111	IV	70·4	0	48	II	75·1	83·2	70·9	73·5	·729	+·013	·710	80	+1	63
Krishnagar	48	29·726	—·024	29·625	89·8	+1·5	110	IV	69·0	+0·1	45	II	76·3	82·9	72·1	74·1	·761	+·019	·742	81	—1	67
Asansol	414	29·343	—·024	29·238	89·6	+0·5	113	IV, V	69·2	+0·5	47	II	74·3	85·5	68·0	71·1	·638	—·042	·583	71	—4	50
Berhampore	62	29·702	—·034	29·594	88·9	+1·3	108	IV	69·2	—0·4	45	II	75·4	83·3	70·6	72·8	·714	—·014	·685	77	—	60
Bogra	63	29·725	—·018	29·615	87·0	+0·8	107	IV	68·7	+0·6	45	II	74·6	82·1	70·7	72·9	·733	+·013	·705	82	—1	65
Malda	108	29·672	—·008	29·571	87·0	0	107	IV	68·7	+1·1	44	II	75·1	82·5	69·9	72·2	·693	—·025	·668	76	—5	61
Dinajpur	123	29·647	—·031	29·542	86·6	+0·6	107	IV	68·1	+1·2	44	II	73·0	82·8	68·9	72·8	·688	—·006	·696	81	—2	63
Jalpaiguri	271	29·516	—·027	29·409	84·4	+0·1	101	IV	66·5	+0·3	45	II	71·3	79·6	67·9	71·5	·663	—·022	·681	83	—3	6

*8 hours observations at surface observatory (old site), height 59 feet; 17 hours observations at combined observatory (new site), height 261 feet.

8 HRS. (L. M. T.) AND 17 HRS. (I. S. T.) FOR THE YEAR 1938.

Cloud amount (tenths of sky.)			Rainfall, inches.				Number of rainy days (0·10" or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from																				STATION.
											8 hrs. L. M. T.										17 hrs. I. S. T.										
Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	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.
6·2	+0·3	7·6	128·49	+12·07	4·33	VI	152	+13·4	5·6	0	15	56	33	10	28	46	86	32	59	7	62	73	19	14	87	83	11	9	*Port Blair.
																													Lower Burma
7·3	+1·1	7·9	174·32	+7·86	6·92	IX	157	+0·3	4·3	—1·2	5	141	68	38	19	33	18	12	31	5	60	51	17	9	74	46	46	57	Victoria Point.
6·8	+2·3	7·4	153·24	—8·00	3·95	X	170	+16·2	4·8	+2·9	8	64	73	144	19	21	5	10	21	37	37	26	55	20	55	22	97	16	Mergui.
6·2	+2·0	6·4	183·12	—31·62	5·30	VIII	170	+25·6	2·5	+1·3	10	11	2	3	12	6	1	2	318	14	7	6	10	21	18	3	20	266	Tavoy.
7·5	...	7·8	203·54	+13·70	7·61	X	155	+17·0	6·9	...	9	33	101	73	52	20	7	7	63	14	8	13	12	65	120	71	43	19	Amherst.
5·2	—0·7	5·5	120·19	+21·16	4·12	XI	142	+19·7	2·8	—0·3	57	62	20	29	5[illegible]	37	22	20	68	21	11	6	55	109	65	26	15	57	Rangoon.
7·9	...	8·1	85·78	—2·06	3·42	VII	121	+7·2	2·9	...	75	6	17	144	34	32	10	13	34	6	2	11	52	25	82	42	10	135	Tharrawaddy.
5·5	+0·8	5·6	113·30	+4·17	4·74	VIII	142	+17·2	3·9	+0·6	81	34	11	35	59	39	37	37	95	5	5	3	10	17	50	94	45	136	Bassein.
8·1	+2·9	8·6	109·98	—7·92	4·59	X	132	+18·2	8·0	...	50	50	32	24	37	57	55	48	12	24	12	16	23	34	60	76	107	13	Diamond Island.
5·4	...	5·9	174·20	+2·64	7·90	VI	142	+23·3	3·7	...	24	8	11	115	12	3	8	9	175	8	1	8	49	8	21	33	189	48	Gwa.
5·6	...	5·8	191·50	...	6·52	VI	152	...	1·3	...	1	53	23	8	12	15	1	0	252	0	10	3	4	16	59	52	11	211	Sandoway.
6·3	+0·8	6·6	86·06	+3·10	3·48	X	126	+11·3	3·2	+0·8	36	4	12	101	82	12	22	62	21	7	7	19	85	81	10	25	25	106	Toungoo.
6·9	+1·5	7·1	161·78	—26·01	7·30	VI	148	+18·9	4·7	+2·5	15	81	29	107	61	25	4	18	25	5	2	1	29	52	75	98	79	24	Kyaukpyu.
6·2	+1·2	5·6	215·43	+12·06	8·99	V	145	+19·5	9·2	...	93	99	59	47	26	18	10	12	1	4	6	11	34	70	82	124	34	0	Akyab.
																													Upper Burma.
4·3	+0·2	3·9	47·35	+11·97	4·44	IX	66	+8·8	3·9	—0·7	5	2	0	142	38	1	6	99	72	3	3	1	36	38	30	65	70	119	Minbu.
4·9	+1·0	4·5	34·62	—3·40	2·64	IX	56	—7·3	3·1	...	49	0	0	14	189	0	0	0	113	6	0	2	21	155	5	2	0	174	Yamethin.
6·0	+1·6	5·1	39·84	+7·37	2·99	XI	60	+9·2	4·1	—0·8	22	5	2	69	145	6	4	7	105	37	21	10	56	64	5	10	18	144	Mandalay.
4·9	—0·2	4·1	32·80	+1·75	1·97	IX	54	+9·9	2·9	+0·7	94	9	5	55	96	12	10	56	28	30	5	5	49	52	8	3	17	196	Monywa.
6·1	0	5·2	66·88	+5·01	2·74	X	102	+1·3	1·7	—0·5	3	5	5	9	30	28	11	3	271	0	2	0	2	28	108	46	29	150	Lashio.
6·7	+1·1	4·5	71·84	—0·17	3·55	VII	105	+4·5	2·0	+0·5	105	60	7	7	16	10	18	37	107	77	54	6	6	28	11	10	16	157	Bhamo.
5·8	0	5·0	95·83	+16·84	4·80	VI	119	+13·5	3·0	+1·2	83	72	27	39	41	34	18	21	30	34	27	11	21	53	65	31	14	109	Myitkyina.
																													Assam.
6·9	+1·2	6·2	119·66	+11·24	3·49	VII	135	+0·5	1·6	+0·9	51	44	93	8	15	4	4	13	128	20	30	38	3	9	4	0	4	257	Dibrugarh.
8·2	+0·9	6·3	88·53	—7·46	3·88	VII	133	+4·5	3·3	+1·6	50	85	33	30	32	37	13	19	66	69	78	27	15	17	27	22	39	71	Sibsagar.
4·9	—0·1	3·9	60·85	—13·39	5·50	VII	103	—2·1	2·5	+0·2	6	95	158	10	5	14	30	2	45	19	36	84	7	5	11	36	9	158	Tezpur.
6·0	—0·2	5·4	64·13	—1·16	7·39	VIII	86	—6·8	2·3	+1·0	37	71	60	44	30	24	19	16	64	10	47	41	21	15	37	36	21	137	Gauhati.
4·8	+0·2	4·4	114·92	+18·42	5·92	IX	91	—3·3	4·5	+0·5	23	140	83	28	34	19	9	4	25	17	71	44	13	49	62	33	16	60	Dhubri.
5·6	+0·5	4·9	152·61	+27·93	5·83	IX	152	+15·9	1·3	—0·2	23	35	72	65	12	4	5	6	143	23	15	15	17	16	20	25	17	217	Silchar.
5·4	+1·8	5·2	93·97	—4·56	3·65	VIII	121	—2·7	3·0	...	12	30	41	91	94	26	7	11	53	17	20	22	57	71	33	29	12	104	Srimangal.
																													Bengal.
5·6	+1·4	5·5	152·28	+11·64	7·67	V	114	+7·0	4·6	+1·7	18	57	54	118	45	9	1	9	54	12	4	6	62	101	33	36	71	40	Cox's Bazar.
5·1	+0·4	5·1	122·89	+20·16	6·15	VI	103	+8·0	4·8	...	46	66	50	128	59	6	0	10	0	23	6	6	35	101	93	53	48	0	Chittagong.
5·6	+1·8	5·3	119·52	...	4·90	V	121	...	...	...	61	37	36	92	72	28	5	34	0	22	6	8	41	125	57	63	43	0	Noakhali.
6·6	+2·7	6·3	96·32	+6·01	3·78	IX	121	+20·8	3·4	...	21	16	26	62	119	28	2	5	86	4	7	8	28	108	43	4	12	151	Comilla.
5·7	...	4·9	71·19	—11·25	5·34	V	93	—6·1	3·6	...	29	33	8	115	96	45	0	14	25	26	17	0	57	96	62	1	13	93	Brahmanbaria.
5·5	+0·3	5·0	90·88	+17·06	4·40	IX	111	+17·7	3·7	+0·5	7	12	41	64	85	41	21	53	41	1	2	16	60	111	31	38	31	75	Narayanganj.
5·4	+0·2	4·6	96·48	+3·53	9·00	IX	94	—11·4	2·7	+1·1	6	37	58	112	16	13	8	6	109	1	26	25	87	14	18	26	8	160	Mymensingh.
5·1	+1·3	4·8	84·57	+12·85	4·14	V	103	+9·7	5·1	...	8	21	15	117	90	2	7	44	61	4	16	10	104	72	4	9	21	125	Faridpur.
5·2	+0·6	4·8	78·41	—3·90	5·34	V	109	+5·8	4·1	+2·2	40	7	20	83	83	30	6	33	63	11	8	11	55	112	42	6	16	104	Barisal.
5·4	+0·7	5·3	75·51	+9·45	6·21	V	95	—2·0	4·3	...	39	30	33	58	66	59	24	35	21	23	19	19	80	72	33	18	17	84	Khulna.
4·0	—0·5	3·3	70·70	+4·67	5·41	V	89	+1·0	4·3	+2·3	16	26	19	48	114	32	7	29	74	4	5	8	37	109	20	4	7	171	Jessore.
4·8	+1·3	4·7	78·60	+16·11	8·25	V	92	—3·5	2·8	...	28	30	31	33	78	55	16	37	57	8	13	28	29	78	49	7	12	141	Satkhira.
4·9	+0·4	5·2	47·58	—14·96	4·27	V	76	—9·2	2·8	—0·4	31	15	22	37	42	86	10	16	106	25	6	13	48	71	66	11	21	104	Calcutta.
5·7	+0·4	5·5	52·46	—16·95	5·03	V	80	+0·4	...	...	53	60	27	17	81	80	16	19	12	32	31	15	43	167	60	7	5	5	Saugor Island.
3·9	—0·7	3·9	43·17	+2·28	6·66	VIII	66	+10·3	...	...	60	32	15	13	40	129	29	21	26	50	16	15	25	63	122	20	13	41	Sandheads.
4·1	+1·0	4·9	43·59	—15·46	3·31	VIII	72	—8·3	2·3	—0·1	63	23	36	23	89	24	7	12	88	20	15	25	56	90	8	8	11	131	Midnapore.
4·1	—0·6	4·4	61·05	+2·42	4·92	IX	81	+4·1	2·3	...	42	7	16	80	60	26	23	64	47	22	2	15	86	33	15	13	32	147	Burdwan.
4·9	+0·7	5·2	67·75	+9·35	4·21	V	80	+1·8	3·2	...	21	23	26	41	74	66	12	34	68	0	3	5	63	44	31	7	5	207	Krishnagar.
4·7	+0·7	5·0	47·87	—10·07	5·00	V	69	—5·7	4·4	...	38	21	42	39	18	22	52	94	39	35	34	54	43	11	14	56	92	26	Asansol.
4·7	0	4·8	68·38	+11·27	4·59	V	90	+12·8	2·7	+0·4	23	42	24	78	41	50	15	30	62	16	21	31	64	23	22	11	23	154	Berhampore.
4·8	+0·7	4·3	82·98	+12·01	6·31	VI	87	+1·7	2·7	+1·1	27	48	81	64	33	53	29	18	12	7	12	44	60	36	48	65	9	84	Bogra.
4·4	+1·4	3·7	67·85	+11·75	7·68	V	75	+6·1	4·0	...	41	31	67	37	58	37	32	25	37	27	23	54	36	47	15	30	67	66	Malda.
4·2	0	3·6	96·15	+25·05	4·67	VII	94	+14·5	2·2	—0·2	4	92	66	33	16	25	14	5	110	1	44	38	41	19	28	34	14	146	Dinajpur.
4·6	+1·3	3·8	168·99	+46·67	7·70	IX	107	+3·8	3·1	+1·7	72	74	122	28	5	4	9	8	43	12	41	61	38	29	28	27	14	135	Jalpaiguri.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity, %.		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mea 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																						
Balasore	65	29·708	—·021	29·608	89·1	+0·5	107	IV	71·6	+1·1	52	XII	77·1	82·0	71·9	74·5	·736	—·009	·773	76	—5	69
Chandbali	20	29·758	—·024	29·668	89·2	+0·5	106	IV ,V	71·8	+0·3	51	XII	76·6	82·3	73·1	74·6	·784	...	·770	84	+2	69
Puri	20	29·760	—·015	29·670	85·8	—0·5	102	IV	75·3	+0·7	59	XII	78·8	82·0	74·5	76·3	·810	—·011	·839	81	—2	76
Gopalpur	56	29·716	—·024	29·626	86·8	+0·7	100	IV	73·8	+0·5	57	XII	79·3	82·4	74·0	76·3	·782	—·003	·832	77	—4	74
Cuttack	87	29·702	—·007	29·603	91·0	+0·1	111	V	70·8	—1·7	52	XII	77·1	84·7	72·9	74·4	·773	+·023	·724	81	+2	61
Angul	455	29·311	—·024	29·203	90·7	+0·8	113	V	70·3	+0·8	51	XII	75·2	85·6	69·8	71·6	·677	—·016	·602	76	0	52
Sambalpur	486	29·290	—·021	29·175	90·9	+0·4	114	V	69·2	—0·6	46	XII	75·4	83·3	69·4	72·2	·659	+·005	·616	74	+3	53
Chota Nagpur																						
Jamshedpur	423	29·353	...	...	90·1	...	112	V	68·9	...	46	II, XII	74·7	...	68·5	...	·641	...	...	72	...	...
Chaibasa	742	29·018	—·016	28·909	...	...	112	V	68·8	+0·5	46	II	74·7	84·4	69·8	74·7	·690	+·039	·747	77	+1	64
Ranchi	2,150	27·627	—·010	27·543	84·1	—0·1	107	IV	64·8	—0·7	44	II, XII	72·3	78·9	64·3	66·2	·529	0	·501	65	—1	53
Hazaribagh	2,006	27·773	0	27·690	84·7	+0·1	107	V	64·5	—1·2	41	XII	72·9	78·3	65·2	67·1	·550	+·038	·547	66	+3	56
Daltonganj	725	29·041	—·016	28·931	88·9	—0·6	111	V	65·9	+0·6	41	XII	72·1	84·7	65·7	69·2	·581	—·006	·531	72	—1	47
Bihar																						
Purnea	124	29·652	—·028	29·544	87·4	+0·9	107	IV	66·4	+0·1	42	II	72·8	82·2	68·5	72·3	·681	—·009	·682	81	—4	63
Darbhanga	161	29·613	—·021	29·503	...	...	106	IV	...	...	44	II	...	...	...	...	...	...	...	...	...	...
Motihari	220	29·545	—·028	29·442	87·3	+0·8	105	IV	66·0	+1·0	43	II	73·0	83·5	68·1	72·1	·655	—·022	·663	77	—6	58
Patna	173	29·596	—·022	29·490	87·7	+0·4	109	IV	68·9	+0·3	45	II	74·9	83·9	68·3	71·3	·642	—·014	·626	70	—2	54
Gaya	372	29·388	—·025	29·282	90·8	+1·1	113	IV	69·9	+1·0	46	II	77·1	85·8	68·6	72·5	·623	—·012	·639	64	—6	53
Naya Dumka	489	29·271	—·027	29·169	88·7	+1·0	112	IV	67·8	0	44	II, XII	74·4	82·6	68·6	71·2	·653	+·005	·630	73	0	58
Sabour	122	29·649	...	29·545	86·9	...	109	IV	66·2	...	40	II	73·6	81·7	69·1	72·6	·693	...	·700	79	...	65
United Provinces, East																						
Gonda	360	29·407	...	29·310	88·0	..	112	IV	66·0	...	40	II	72·2	83·1	66·4	70·7	·615	...	·609	74	...	55
Gorakhpur	257	29·509	—·017	29·409	88·2	+0·5	110	IV	67·7	+1·0	44	II	73·6	83·8	67·2	70·7	·621	—·019	·603	71	—4	54
Benares	250	29·506	—·028	29·407	89·2	—0·3	112	IV, V	67·4	+0·8	42	I	74·6	85·8	67·1	70·3	·606	—·015	·565	68	—3	47
Allahabad	309	29·445	—·029	29·345	..	...	113	V	67·3	+0·5	41	I	73·7	85·8	66·5	70·1	·595	+·019	·553	69	+4	47
Fatehpur	375	29·372	...	29·267	90·5	...	113	IV	66·9	...	40	II, XII	76·0	85·7	67·7	72·2	·608	...	·635	65	...	53
Cawnpore	416	29·331	—·033	29·243	91·3	+1·4	114	IV, V	68·3	+1·9	42	I	73·0	86·6	65·3	70·1	·569	0	·543	67	+1	44
Lucknow	371	29·375	—·035	29·278	89·6	—0·1	113	IV	66·5	+0·8	40	I	73·5	84·5	66·4	71·3	·597	+·015	·620	69	+1	53
Bahraich	407	29·340	—·027	29·248	87·8	—0·3	111	IV	66·4	+1·0	41	II	72·3	84·4	66·6	71·0	·617	—·001	609	74	+1	51
United Provinces, West																						
Jhansi	824	28·937	—·036	28·844	91·1	—0·1	112	IV, V	66·9	—2·1	40	XII	75·2	87·3	64·1	67·8	·493	—·036	·454	54	- 4	36
Agra	554	29·202	—·029	29·107	91·2	+0·8	114	V	64·6	+1·6	36	II	73·9	87·7	63·1	67·3	·480	—·019	·426	54	—4	33
Mainpuri	516	29·234	—·026	29·138	91·0	+0·9	112	IV, V, VI	65·6	0	40	II, XI, XII	74·1	86·7	64·9	69·6	·537	—·007	·524	61	—4	41
Aligarh	615	29·127	...	29·035	89·6	...	111	VI	66·0	...	39	II	72·9	86·6	63·0	67·5	·495	...	·449	57	...	36
Bareilly	568	29·165	—·038	29·071	88·5	+1·0	110	IV	65·3	+0·6	39	XII	71·2	84·7	65·1	69·9	·581	—·003	·562	72	—1	48
Roorkee	899	28·843	—·032	28·750	86·5	+0·1	110	V	62·2	0	33	XII	70·5	83·5	63·6	67·8	·541	+·022	·512	68	—3	43
Dehra Dun	2,239	27·528	—·021	27·455	82·6	+1·4	104	V	59·8	—0·9	34	II	66·4	79·0	59·9	65·4	·477	+·005	·484	69	—1	49
Punjab, East and North																						
New Delhi*	714	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Hansi	711	29·030	...	...	91·5	...	113	VII	63·9	...	34	I	72·8	...	62·0	...	·463	...	...	54	...	...
Hissar	725	29·030	—·020	28·936	92·5	+1·6	115	VII	63·8	+0·1	32	I	73·9	87·3	63·0	67·8	·487	+·013	·457	54	—5	34
Ambala	892	28·858	—·018	28·769	89·5	+1·6	112	V	63·9	+1·2	34	XII	71·2	85·3	62·5	66·5	·500	—·025	·443	62	—8	36
Ludhiana	812	28·933	—·0_6	28·859	90·4	+2·6	114	V, VI	63·3	—0·7	34	XII	71·9	85·0	62·4	66·7	·486	—·013	·420	60	—5	34
Lahore	702	29·031	—·036	28·956	89·6	0	114	VI	62·5	+1·9	33	I	70·7	86·5	62·5	67·5	·505	+·017	·453	66	+4	37
Sialkot	830	28·908	—·034	28·823	86·9	—0·2	114	V	62·7	+0·3	35	II, XII	69·9	83·8	61·6	67·2	·483	—·032	·488	64	—6	42
Rawalpindi	1,074	28·077	—·037	28·005	84·3	+0·2	112	V	57·2	—0·5	28	XII	67·8	81·1	57·7	63·4	·404	—·044	·402	59	—6	37

* Site changed from 1st April ; hence no annual means.

HRS. (L. M. T.) AND 17 HRS. (I. S. T.) FOR THE YEAR 1938.

amount s of sky.)		Rainfall, inches.				Number of rainy days. (0·10" or more.)		Wind velocity, miles per hour		Wind direction—Number of winds during the year from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	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
																												Orissa.
+1·9	6·1	55·27	—7·46	3·28	X	69	—9·0	4·9	+2·0	65	50	16	18	53	86	11	45	21	9	8	11	97	118	49	3	5	65	Balasore.
...	5·2	62·08	+1·10	4·18	V	87	+15·4	5·8	...	56	5	5	22	72	78	58	61	8	12	29	57	122	96	20	12	6	11	Chandbali
+0·8	4·7	53·88	—0·68	5·45	VII	65	+3·3	11·6	+3·2	106	40	9	6	57	88	39	14	6	15	14	19	44	144	109	14	1	5	Puri.
+2·0	5·5	42·64	—2·32	8·24	X	48	—8·2	...	...	70	8	4	4	139	18	11	109	2	23	30	56	41	187	13	6	9	0	Gopalpur.
+0·7	6·0	46·54	—12·73	3·80	VII	80	+5·1	3·3	+1·3	11	24	20	5	12	68	61	24	140	4	7	15	18	62	83	28	8	140	Cuttack.
+1·6	6·5	47·23	+0·60	3·22	VIII	72	—0·3	4·4	+0·3	30	26	21	25	18	8	83	88	66	69	29	38	43	39	19	56	53	19	Angul.
+0·9	5·2	54·60	—11·13	3·38	VIII	87	+13·1	3·0	+0·1	56	44	25	12	23	83	23	6	93	27	18	26	6	28	57	51	32	120	Sambalpur.
																												Chota Nagpur.
...	...	50·90	...	3·74	VIII	72	...	3·2	...	0	8	36	18	0	31	96	49	127	...	...	...	...	...	...	...	...	...	Jamshedpur.
+1·6	6·1	38·69	—13·10	2·61	VIII	76	+1·6	2·3	+0·7	7	34	6	8	32	108	54	18	98	16	24	6	17	16	43	34	14	188	Chaibasa.
+0·8	5·8	49·91	—7·30	2·64	IX	78	—2·2	4·2	—0·4	50	12	24	29	60	56	31	52	51	83	22	40	2	40	21	18	84	30	Ranchi.
—0·2	4·8	36·21	—17·07	2·62	VII	65	—10·2	5·5	+0·2	26	12	23	29	50	61	55	72	37	72	21	23	36	28	19	24	125	17	Hazaribagh.
+1·2	4·9	41·56	—3·09	2·20	VI	67	+5·5	3·0	+0·3	12	2	79	24	41	15	42	4	146	54	8	60	13	13	9	111	61	36	Daltonganj.
																												Bihar.
+0·6	3·5	75·27	+12·99	4·21	IX	80	+9·2	2·7	+0·6	10	51	96	20	9	38	31	7	103	8	20	56	25	5	19	59	10	163	Purnea.
+0·7	3·2	...	...	5·21	VI	...	...	...	...	8	38	74	14	7	1	36	4	183	1	14	45	18	1	4	36	5	241	Darbhanga.
+0·9	3·4	70·00	+15·14	7·27	VI	66	+7·1	2·7	...	9	11	8	92	10	7	43	7	101	3	5	47	69	17	11	87	6	120	Motihari.
+0·4	3·9	56·88	+8·35	3·58	VIII	66	+10·0	4·3	+1·2	3	48	82	25	14	88	61	14	30	11	70	61	14	3	19	79	49	59	Patna.
—0·1	3·3	45·86	—1·62	6·40	VII	64	+6·0	...	...	8	21	59	99	39	64	56	17	2	27	65	44	28	10	18	60	108	5	Gaya.
+0·1	3·2	46·18	—10·91	3·80	V	68	—9·9	2·1	+0·4	6	39	1	1	3	36	7	78	124	2	40	2	67	4	36	3	73	137	Naya Dumka
...	4·3	44·31	—3·63	4·52	VI	69	+8·0	4·0	...	5	26	66	62	33	51	37	8	77	15	19	54	35	11	5	45	68	113	Sat our.
																												United Provinces, East.
...	3·8	78·06	...	12·07	VIII	60	...	3·7	...	23	15	103	53	8	8	62	54	39	14	10	65	30	12	10	84	77	63	Gonda.
+1·5	3·9	64·90	+14·71	7·04	IX	76	+19·4	2·1	...	4	26	96	22	4	10	59	14	120	3	5	54	11	2	2	90	5	193	Gorakhpur.
+0·8	4·3	38·98	—1·57	2·91	VII	62	+9·3	5·3	+2·8	9	47	41	30	30	111	75	12	10	30	60	31	7	6	25	114	81	11	Benares.
0	3·7	53·14	+14·08	10·48	IX	60	+11·0	4·6	+1·4	7	10	45	27	13	58	91	11	103	21	33	39	16	5	10	78	80	83	Allahabad.
...	3·5	36·01	...	5·87	VII	47	...	3·3	...	3	21	39	39	13	30	68	62	90	16	30	36	9	5	5	33	91	140	Fatehpur.
+0·6	2·6	50·81	+14·89	8·19	VIII	51	+6·5	3·2	+0·8	22	26	34	30	22	27	72	55	77	59	32	35	13	8	9	58	91	60	Cawnpore.
+0·6	3·5	60·30	+21·73	4·48	VIII	55	+6·7	0·8	—1·1	5	7	51	3	5	10	46	5	233	2	3	23	1	2	3	38	11	282	Lucknow.
+2·0	4·6	96·17	+50·87	12·83	VIII	57	+7·3	...	...	11	8	92	57	5	21	25	31	115	4	4	37	40	7	29	51	29	164	Bahraich.
																												United Provinces, West.
+1·3	3·6	36·31	+0·14	3·01	VII	49	—2·4	3·9	+0·9	23	32	24	7	8	121	87	26	37	32	68	25	1	1	40	71	68	59	Jhansi.
+0·7	3·8	17·80	—9·10	2·97	VII	25	—13·0	3·4	+0·1	19	15	39	33	4	28	105	47	75	62	29	35	14	7	19	48	101	50	Agra.
+0·6	3·8	23·37	—3·70	3·52	VIII	38	—0·6	2·8	+1·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Mainpuri.
...	2·3	19·03	...	3·02	VII	24	...	4·1	...	47	15	43	44	13	17	79	55	52	74	14	35	29	13	13	44	83	60	Aligarh.
+0·8	3·7	35·69	—7·98	3·28	VII	50	+3·7	3·7	+1·9	29	21	84	29	4	22	57	28	91	31	11	43	25	6	23	96	50	80	Bareilly.
+1·0	3·5	34·30	—7·68	3·95	VII	42	—5·7	3·3	+1·4	6	11	4	141	12	10	4	78	99	6	10	1	81	7	26	5	151	78	Roorkee.
+0·2	4·3	85·83	+2·67	4·31	VIII	76	—4·3	2·3	+1·2	28	19	5	37		45	83	46	93	13	12	2	23	10	93	110	39	63	Dehra Dun.
																												Punjab, East and North.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	New Delhi.*
...	...	7·71	...	1·19	VII	13	...	...	...	19	10	39	19	12	8	73	22	103	...	...	...	...	...	...	...	...	...	Hansi.
—0·5	2·2	6·22	—11·45	1·03	I	17	—8·8	4·7	+0·5	22	9	41	41	39	58	65	34	56	70	17	39	11	13	31	62	85	37	Hissar.
+0·8	4·0	24·73	—5·76	2·32	VI	35	—7·4	4·3	+1·9	30	12	89	85	3	13	29	64	40	46	4	36	44	5	14	61	114	41	Ambala.
+0·3	2·5	13·90	—14·81	1·81	I	30	—6·3	2·8	+1·5	25	20	20	63	46	22	37	44	88	25	37	18	20	25	14	38	163	25	Ludhiana.
+0·1	2·0	10·91	—8·71	2·50	VI	23	—5·1	2·3	+0·6	22	36	31	66	12	18	31	47	102	20	31	14	20	15	23	50	79	113	Lahore.
—0·1	1·9	33·32	+2·30	4·78	VII	38	—2·5	2·6	+1·1	6	119	24	67	5	12	0	57	75	5	25	14	31	5	69	9	98	109	Sialkot.
+0·2	3·5	42·33	+7·56	3·21	VIII	54	+5·8	3·2	+1·5	17	79	5	25	2	28	17	27	165	5	34	3	39	5	101	46	68	64	Rawalpindi.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED A

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F		Vapour pressure, inches.			Relative humidity,		
		Mean 8 hrs. L. M.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. 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	23
Punjab, Southwest																						
Khushab	612	29·125	—·046	29·039	90·3	+0·8	117	V	64·0	+0·3	31	I	71·7	88·5	60·8	66·6	·444	—·011	·396	53	—2	29
Lyallpur	605	29·125	—·036	29·053	89·7	+1·1	114	V, VI, VII	63·4	+1·3	30	I	72·6	86·6	61·8	66·6	·459	—·023	·415	55	—8	33
Montgomery	558	29·182	—·030	29·103	90·2	—0·9	116	VI	64·2	0	29	I	70·8	88·0	...	...	...	...	...	...	...	...
Multan	413	29·329	—·030	29·245	91·5	+1·7	118	V	...	...	30	I	72·6	89·5	63·2	68·8	518	—·051	·467	58	—11	33
Fort Abbas	475	29·273	...	29·177	93 8	...	119	V	64·9	...	28	I	74·9	91·0	63·	68·3	·479	...	·417	51	...	28
Bahawalpur	384	29·364	...	29 268	92·4	...	117	V	63·9	...	28	I	73·1	89·1	63·2	69·5	·511	...	·493	57	...	35
Khanpur	297	29·453	...	29·354	94 0	...	118	V, VII	64·0	...	27	I	72·5	92·3	62·3	68·4	·484	...	·412	54	...	26
Kashmir																						
Srinagar	5,205	24·835	—·020	24·758	66·2	—1·5	95	VII, VIII	43·3	—0·4	10	I	51·1	62·8	46·9	52·0	·318	—·025	·311	76	—11	54
Muzaffarabad	2,343	27·404	—·044	...	80 0	+0·2	107	V, VI	57·0	+1·3	32	I, II	61·9	...	56·4	...	·421	+·019	...	71	+3	...
Dras	10,059	20·822	+·051	...	46·9	—2·5	86	VIII	23·7	+2·7	—34	I	32·0	...	27·8	...	·159	—·010	...	70	—6	...
Leh	11,503	19·690	+·017	...	51·9	—3·5	87	VII	28·9	—0·7	—12	II	36·9	...	29·8	...	·127	—·005	...	51	0	...
Skardu	7,505	...	...	...	61·9	- 0·7	101	VII	39·6	—0·9	—7	II	45·6	...	40·7	...	·249	+·031	...	71	+5	...
Gilgit	4,890	...	...	...	70·1	—2·9	104	VII	53·2	+0·9	24	II	56·9	...	48·9	...	·289	+·010	...	58	+6	...
N. W. F. Province																						
Peshawar	1,164	28·606	—·037	28·521	84 9	+0·2	114	V	59·7	—0·6	31	I	68·8	82·3	58·8	64·1	·417	—·002	·398	57	0	3
Miranshah	3,026	...	...	...	80·8	...	109	V	58·8	...	22	I	65·1	...	54·1	...	·333	...	...	49	...	...
D. I. Khan	570	29·180	—·022	29·091	90·1	+0·4	115	V, VII	62·7	+0·1	32	I, XII	72·1	87·5	63·3	71·3	·523	+·001	·581	63	—2	4
***Baluchistan**																						
Fort Sandeman	4,614	25·338	—·020	25·257	79·7	—0·8	107	VI	54·4	+1·0	20	I	59·5	77·9	49·5	56·6	·287	—·013	·249	51	+2	2
Sibi	441	29·306	...	...	94·8	...	122	V,VII	67·9	...	31	I	75·4	...	60·1	...	·368	...	...	38	...	...
Quetta	5,540	24·531	—·021	24·466	73·6	...	100	VII	43·7	...	9	I	58·2	71·2	48·9	53·9	·276	...	·258	55	...	3
Chaman	4,311	25·614	—·015	25·557	78·9	+0·7	109	VII	...	...	...	...	66·1	77·2	51·9	56·8	·254	+·007	·255	40	0	2
Kalat	6,616	23·612	+·013	...	72·2	—0·7	99	VII	42·5	+5·3	10	XI	56·7	...	46·6	...	·253	+·011	...	50	—11	...
Dalbandin	2,780	27·029	—·024	26·940	87·5	—0·1	117	VII	55·2	+0·6	17	XI	68·6	86·1	...	...	...	...	...	...	...	...
Nokkundi	2,229	27·539	...	27·450	89·7	...	120	VII	62·9	...	25	I, XI	74·0	88·6	56·1	62·8	·257	...	·267	31	...	2
Las Bela	292	29·489	...	2 ·366	95·1	...	120	V	...	...	33	II	75·3	92·2	68·1	75·0	·637	...	·654	68	...	4
Ormara	15	29·786	...	29·693	84·8	...	112	V	70·2	...	47	I, XI	74·9	82 3	69·3	71·1	·661	...	·627	75	...	5
Pasni	10	29·791	—·028	29·701	85·9	—0·6	112	V	68·7	+1·9	46	I	74·5	82·4	69·1	73·9	·670	—·003	·734	75	0	6
Panjgur	3,177	26·666	—·011	26·576	85·5	+0·2	108	V	57·6	+0·6	26	I	66·8	83·5	57·0	65·6	·387	+·019	·444	56	+1	4
Sind																						
Jacobabad	186	29·553	—·036	29·457	95·8	+0·1	122	V	66·2	+0·5	31	I	73·3	94·4	63·9	70·9	·541	+·001	·484	57	—1	28
Sukkur	221	29·525	...	...	93·2	...	116	V	67·9	...	36	I	71·8	...	63·9	...	·539	...	...	63	...	...
Naushahro	140	...	...	...	97·7	...	121	V	65·3	...	32	I	73·7	95·3	63·3	68·6	·493	...	·372	57	...	23
Chhor	19	29·760	...	29·653	95·1	...	116	V	65 1	...	34	I	74·2	91·7	...	...	...	...	...	...	...	...
Hyderabad	96	29·681	—·014	29·588	93·6	+0·3	119	V	68·7	+0·5	40	I	75·2	91·3	65·4	69·6	·542	—·003	·469	56	—4	31
Karachi (Drigh Road)	73	29·715	...	29·630	88·4	...	118	V	67·8	...	40	I	74·2	84·7	66·7	69·5	·598	...	·544	65	...	45
Karachi (Manora)	13	29·774	—·033	29·699	83·2	—1·0	109	V	71·1	+0·3	46	I	74·4	81·1	69·5	73·2	·686	+·001	·734	76	+2	67
Badin	37	29·749	...	29·651	91·9	...	114	V	66·8	...	38	I	74·6	89·5	66·7	69·8	·594	...	·493	63	...	34
Rajputana, West																						
Sri Ganganagar	580	29·157	...	29·074	91·7	...	116	V, VI	61·9	...	29	I	72·5	88·5	61·2	66·1	·437	...	·373	53	...	29
Bikaner	734	29·018	—·017	28·916	92·6	...	116	V	65·1	...	32	I	73·4	90·9	61·3	67·4	·437	...	·385	49	...	27
Jodhpur	780	29·000	—·018	28·892	93·1	+0·7	116	V	69·3	+1·5	42	I, XI	74·5	91·3	62·7	67·5	·459	+·015	·387	49	+1	26
Barmer	638	29·132	...	29·028	93·2	...	116	V	68·6	...	39	I	74·5	91·3	65·0	69·7	·531	...	·462	57	...	30
Rajputana, East																						
Jaipur	1,481	28·338	—·034	28·247	90·2	+0·1	111	V	65·7	+1·3	37	II	74·8	87·1	62·9	66·4	·463	+·003	·412	50	—2	31
Ajmer	1,593	28·172	—·046	28·079	88·6	+0·1	109	V	65·5	+0·3	36	I	73·9	86·1	62·1	65·0	·448	—·045	·381	49	—13	29
Kotah	843	28·922	—·039	28·822	92·0	—0·1	116	V	69·3	—0·7	45	II XII	76·8	88·9	64·5	68·9	·482	+·007	·462	50	0	35
Jhalawar	1,053	28·712	...	28·607	90·7	...	113	V	65·5	...	37	XII	73·8	87·5	63·8	68·5	·501	...	·480	56	...	37

*The station Gwadar in this sub-division closed during the year.

HRS. (L. M. T.) AND 17 HRS. (I. S. T.) FOR THE YEAR 1938.

Cloud amount, (tenths of sky).			Rainfall, inches.				Number of rainy days, (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.									
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	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
																													Punjab, South-west
2·9	+0·6	3·2	11·55	—3·34	3·52	VI	20	—3·9	5·5	+1·6	18	98	68	17	21	30	20	6	87	31	61	70	66	49	30	22	17	19	Khushab.
2·2	—1 3	2·7	9·30	—3·88	3·45	VI	16	—5·5	2·3	+0·2	16	28	33	39	30	59	16	29	115	8	19	20	19	23	57	20	64	135	Lyallpur
·0	—1·1	1·5	6·10	—4·46	1·67	VI	14	—4·1	1·5	—2·8	10	15	10	27	16	20	34	8	225	8	17	12	12	14	27	30	25	220	Montgomery.
·5	—0·2	1·9	4·41	—2·79	1·75	VIII	10	—2·8	3·4	+2·0	84	28	5	25	87	70	5	39	22	70	30	17	14	102	74	12	28	18	Multan.
·0	...	2·9	6·43	...	2·10	VII	9	...	7·3	...	24	23	46	50	36	128	19	11	21	71	28	22	8	23	92	62	41	14	Fort Abbas.
·5	...	1·7	5·26	—0·59	1·90	VIII	7	—2·3	3·3	...	20	47	38	32	38	112	21	10	47	21	54	17	6	17	60	70	24	96	Bahawalpur.
·8	...	2·0	3·65	—3·00	0·53	VII	13	+3·7	5·3	...	61	46	19	17	36	123	24	12	27	58	44	12	8	21	96	54	51	21	Khanpur.
																													Kashmir
·0	+0·4	5·4	24·78	—1·09	1·92	VIII	53	—5·6	2·9	+0·5	12	14	25	94	78	14	37	36	55	45	28	5	56	20	17	58	77	59	Srinagar.
·6	—1·7	...	69·00	+16·82	5·11	VII	89	+11·0	2·8	+1·4	47	1	0	0	19	10	0	1	284	...	...	...	...	...	...	...	...	...	Muzaffarabad.
·8	—0·2	...	41·49	+19·97	2·13	II	56	+0·9	3·9	+1·3	0	0	0	0	0	1	0	0	364	...	...	...	...	...	...	...	...	...	Dras.
·6	—0·1	...	2·91	—0·27	0·41	II	11	+1·4	3·4	+1·7	42	37	25	5	86	27	19	0	124	...	...	...	...	...	...	...	...	...	Leh.
·1	+0·6	...	6·14	—0·82	0·55	II	24	+5·6	2·7	—0·9	0	2	7	0	2	12	24	7	311	...	...	...	...	...	...	...	...	...	Skardu.
·9	+0·3	...	6·02	+1·21	0·97	IV	18	+2·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Gilgit.
																													N.-W. F. Province
·3	—0·5	4·1	9·41	—4·10	2·08	VIII	20	—5·9	2·3	+0·4	40	20	11	25	27	44	15	23	160	50	88	42	23	11	15	6	24	106	Peshawar.
·1	...	...	9·16	...	0·80	III	26	...	5·0	...	14	42	24	21	5	28	30	34	167	...	...	...	...	...	...	...	...	...	Miranshah.
·2	+0·1	2·3	7·15	—1·94	1·22	VI	17	+0·7	2·0	+0·7	49	71	21	9	4	6	17	21	167	25	42	22	27	23	6	5	9	206	D. I. Khan.
																													***Baluchistan.**
·1	+0·1	3·5	9·38	—1·57	0·92	VIII	20	—4·7	3·0	+0·8	5	7	20	9	8	10	36	5	265	28	13	41	10	17	25	89	19	123	Fort Sandeman
·2	...	...	2·81	...	1·45	I	5	...	4·1	...	35	32	21	25	43	46	22	28	113	...	...	...	...	...	...	...	...	...	Sibi.
5	+0·4	3·2	10·34	...	1·94	I	22	...	5·2	...	52	43	13	51	90	35	16	20	45	93	19	4	4	44	32	65	100	4	Quetta.
7	—0·3	1·8	9·88	+2·66	1·20	XII	20	+0·6	6·4	+1·3	3	30	64	62	65	76	24	11	30	4	11	3	10	40	151	74	70	2	Chaman.
1	+0·2	...	8·31	+1·67	1·52	I	20	+1·9	4·7	+0·1	10	1	2	83	104	9	1	23	132	...	...	...	...	...	...	...	...	...	Kalat.
7	—0·1	2·3	4·05	+0·33	1·13	I	9	—0·2	3·0	—1·1	8	42	43	8	12	21	21	5	205	12	34	36	38	53	52	43	19	78	Dalbandin.
4	...	1·9	1·80	...	0·70	I	3	...	8·8	...	84	40	53	42	24	12	8	63	39	92	6	20	47	23	28	20	101	28	Nokkundi.
1	...	1·8	9·43	...	2·81	VII	15	...	2·8	...	56	10	16	9	21	17	1	52	183	5	1	17	29	184	57	2	16	54	Las Bela.
4	...	1·2	3·70	...	1·13	II	6	...	10·1	...	9	30	39	12	3	78	100	21	73	3	4	12	25	40	136	128	12	5	Ormara.
4	+0·3	1·6	4·46	—1·68	1·27	II, XII	6	—2·2	...	...	38	23	31	23	10	32	82	87	39	10	5	7	33	49	144	108	9	0	Pasni.
4	—0·3	1·8	5·14	+0·45	1·60	VII	8	—1·4	5·7	+1·0	61	148	43	8	11	24	22	19	29	103	42	3	1	15	82	55	62	2	Panjgur.
																													Sind.
9	+0·2	1·9	1·48	—2·20	0·37	VII	6	—1·5	4·1	+1·6	32	32	38	107	38	23	9	31	55	21	23	10	128	27	73	5	58	25	Jacobabad.
5	...	...	0·33	...	0·22	VIII	1	...	3·7	...	26	41	21	165	25	38	4	5	40	...	...	...	...	...	...	...	...	...	Sukkur.
9	...	1·1	1·87	—2·44	0·64	VIII	5	—2·3	2·0	...	30	45	21	6	29	110	29	71	24	52	51	11	3	27	134	21	55	11	Naushahro.
6	...	2·4	3·98	...	2·10	VIII	4	...	7·6	...	36	56	10	9	114	93	11	6	30	47	30	4	3	80	137	36	18	10	Chhor.
7	+0·7	2·2	3·58	—3·54	1·51	VI	4	—5·6	7·2	+0·1	66	8	2	4	60	113	45	36	31	54	29	5	7	78	122	23	23	24	Hyderabad.
5	...	3·5	7·54	...	3·70	VII	6	...	11·5	...	47	53	6	2	1	52	130	19	55	3	26	15	3	20	200	87	9	2	Karachi (Drigh Road)
0	+0·4	3·2	4·73	—2·83	1·56	VII	6	—3·3	9·5	+0·6	34	66	25	1	3	73	117	37	9	2	9	12	7	17	203	110	3	2	Karachi (Manora.)
6	...	1·4	7·54	...	3·62	VII	8	...	9·6	...	33	67	15	1	7	26	204	6	6	38	51	4	1	11	41	182	24	13	Badin.
																													Rajputana, West
5	...	2·1	12·78	...	3·90	VI	16	...	...	...	31	26	40	50	34	85	44	33	22	77	29	22	15	7	55	58	92	10	Sri Ganganagar.
2	0	2·8	4·78	...	1·73	VIII	11	...	4·5	0	4	16	25	54	28	109	60	20	49	58	35	5	10	4	88	72	76	17	Bikaner.
2	+0·1	3·6	10·26	—3·36	1·95	VI	15	—3·9	5·9	+2·3	31	83	15	7	21	120	45	5	38	43	51	9	10	30	116	61	25	20	Jodhpur.
0	...	2·7	5·07	...	1·53	VI	9	...	6·7	...	32	15	4	10	42	80	44	99	39	25	44	17	19	53	92	58	35	22	Barmer.
																													Rajputana, East
2	—0·9	3·1	12·80	—11·41	1·91	VII	23	—12·7	3·3	—1·0	28	45	36	11	1	10	60	73	101	35	18	19	15	2	44	93	83	56	Jaipur.
7	0	3·4	8·70	—11·95	2·79	VI	18	—12·0	2·8	—1·0	4	11	3	6	3	48	100	7	183	15	6	3	7	2	40	100	32	160	Ajmer.
8	+1·3	4·3	25·59	—2·64	4·46	VII	33	—2·8	2·7	0	7	13	6	10	0	48	116	61	98	21	32	21	2	2	45	63	92	87	Kotah.
3	...	3·8	29·64	...	3·04	VII	47	...	3·5	...	35	17	19	11	13	47	91	52	80	43	60	17	7	3	56	84	55	40	Bijnagar.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED A

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F. and standard gravity, inches.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, inches.			Relative humidity, %.		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure fro m normal.	Mean 17 hrs. I. S. T.
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Gujarat																						
Deesa	466	29·322	—·030	29·219	92·7	—1·5	112	IV, V	66·2	—0·7	41	II, XI	74·7	90·7	65·0	69·6	·524	—·007	·456	55	—2	32
Bhuj	343	29·454	—·019	29·360	90·9	—0·2	111	IV	68·1	—0·3	40	I	74·8	88·7	65·5	67·8	·545	—·082	·426	58	—9	31
Dwarka	37	29·778	—·024	29·701	83·4	—1·0	96	XI	72·0	—0·9	51	I	76·4	80·4	70·6	72·3	·691	—·046	·705	73	—4	66
Jamnagar	60	29·757	—·018	...	88·3	—1·2	105	IV, V	68·4	+0·3	45	I, II	76·3	...	69·5	...	·662	—·001	...	69	+1	...
Rajkot	432	29·369	—·022	29·265	93·0	+0·1	110	IV, V	66·5	+0·4	41	I	74·8	90·0	65·9	68·3	·557	—·043	·424	59	—6	31
Veraval	19	29·794	—·021	29·711	86·2	+1·4	100	III, IV	70·9	—0·4	49	II	77·3	81·5	70·2	76·1	·670	—·001	·835	69	—2	77
Surat	39	29·769	—·030	29·679	91·5	0	110	IV	71·1	+1·2	51	II	76·9	88·1	69·4	73·3	·645	—·030	·628	67	—3	49
Bhavnagar	55	29·765	—·018	29·647	93·3	—0·3	112	V	69·0	—0·2	43	II, XI	75·7	90·3	65·2	70·7	·522	—·091	·503	54	—10	36
Ahmadabad	163	29·648	—·021	29·527	94·1	—0·5	110	IV	70·9	+0·3	50	II	77·3	90·7	66·7	70·3	·552	—·024	·491	55	—4	35
Dohad	1,093	28·695	...	...	90·5	...	108	IV	67·5	...	45	II	73·6	...	65·1	...	·539	...	..	62	...	...
Baroda	115	29·693	...	29·580	93·3	...	111	IV	66·1	...	37	II	74·7	90·0	66·7	71·9	·580	...	·554	63	...	41
Central India, West																						
Neemuch	1,626	28·155	—·039	28·078	88·4	—0·4	110	V	64·8	+0·3	40	XII	73·9	85·7	63·0	67·4	·471	—·024	·450	53	—5	38
Indore	1,823	27·968	—·032	27·875	87·5	—0·7	108	V	64·0	+0·1	36	II	72·7	84·3	63·0	65·9	·471	—·050	·411	58	—4	38
Bhopal	1,643	28·143	...	28·043	88·1	...	110	V	65·5	...	38	II	73·2	85·1	63·2	67·1	·480	...	·443	57	...	40
Guna	1,571	28·198	...	28·107	89·2	...	113	V	63·2	...	35	II, XII	72·6	85·9	63·3	68·2	·496	...	·471	60	...	40
Central India, East																						
Nowgong	750	29·015	—·021	28·913	90·5	+1·2	113	V	64·6	—1·0	37	II, XII	73·4	86·4	65·2	70·7	·547	+·012	·569	65	0	46
Sutna	1,041	28·705	—·031	28·610	89·9	+1·9	111	IV, V	65·2	—0·7	38	II	74·1	84·6	65·3	69·0	·541	+·018	·526	62	0	46
Umaria	1,506	28·259	...	28·165	87·7	...	111	VI	64·4	...	37	II, XII	73·1	82·9	64·6	68·2	·522	...	·507	64	...	49
Berar																						
Akola	925	28·861	—·030	28·739	92·3	—0·9	113	V	68·2	+0·8	45	XII	74·6	89·0	65·8	70·6	·536	+·031	·514	62	+6	41
Amraoti	1,213	28·567	—·029	...	89·4	—2·7	110	V	69·9	+0·7	50	XII	75·9	...	65·4	...	·502	—·016	...	56	—1	...
Central Provinces, West																						
Khandwa	1,044	28·740	—·031	28 630	92·4	+0·3	114	IV, V	66·6	—0·5	41	XII	74·8	88·5	64·3	68·4	·493	—·006	·436	55	—3	36
Hoshangabad	992	28·788	—·034	28 673	89·7	—0·6	112	V	67·8	+2·3	40	XII	73·9	87·0	64·9	69·5	·519	+·016	·504	61	+2	43
Saugor	1,808	27·961	—·030	27·872	87·2	—0·7	110	V	67·1	+0·6	43	II	74·2	82·7	62·9	65·7	·455	—·010	·426	53	—2	42
Jubbulpore	1,289	28·479	—·020	28·378	89·2	+1 0	112	V	64·6	+1·0	37	II	71·2	85·6	64·1	69·7	·534	+·017	·528	69	+4	46
Seoni	2,027	27·761	—·021	27 672	87·4	—0·2	110	V	65·3	+0·7	43	XII	73·4	82·3	64·0	66·9	·493	—·003	·469	60	—1	46
Nagpur	1,017	28·761	—·023	28·650	91·3	—0·7	113	V	68·5	—0·3	46	XII	75·1	87·1	66·3	70·6	·548	+·017	·538	62	+3	46
Central Provinces, East																						
Pendra	2,040	27·738	—·024	27·648	85·9	+2·2	107	IV, V	65·4	+1·4	42	XII	73·3	79·9	64·6	67·1	·517	+·016	511	63	—2	54
Raipur	970	28·792	—·028	28 691	90·6	+0·4	114	V	69·3	+0 2	49	I, XII	...	...	67·9	71·4	...	...	...	...	...	...
Kanker	1,318	28·457	...	28·358	88·1	...	109	V	67·6	...	44	XII	73·6	84·9	66·7	70·0	·580	...	·538	70	...	48
Chanda	634	29·156	—·020	29·038	91·7	—1·1	114	V	69·2	+0·6	46	XII	75·8	87·5	67·8	71·5	·589	—·004	·563	68	+3	48
Jagdalpur	1,813	27·975	—·023	27·876	87·8	+0·2	108	V	66·0	+0·2	46	XII	72·9	81·9	66·7	68·9	·583	—·037	·539	72	—4	54
Konkan																						
Bombay	37	29·783	—·027	29·695	86·2	—0·4	94	II, V	73·8	+0·2	60	II	77·9	82·2	72·9	75·1	·749	—·019	·779	78	0	71
Alibag	28	29·805	...	...	85·1	...	93	4 months .	72·3	...	56	II	77·8	...	71·9	...	·717	...	...	74	...	..
Ratnagiri	207	29·617	—·022	29·538	86·2	—1·0	97	IV	73·6	+0·4	60	II	79·1	81·7	72·2	74·8	·706	—·011	·767	71	—1	72
Marmagao	202	29·623	—·024	29·533	85·2	...	93	X, XI	74·2	...	64	II	78·5	82·4	73·4	75·9	·760	...	·807	79	...	73
Karwar	44	29·801	—·013	29·709	86·7	+0·6	97	IV	72·1	—0·6	59	II	76·2	83·4	72·5	76·3	·753	—·002	·812	83	—1	72

8 HRS. (L. M. T.) AND 17 HRS. (I. S. T.) FOR THE YEAR 1938.

Cloud amount, (tenths of sky).			Rainfall, inches.				Number of rainy days. (0·10″ or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Gujarat.
3·5	+0·2	3·1	19·51	—5·19	3·36	VIII	21	—7·7	5·3	—1·9	22	66	25	12	42	65	29	10	94	31	25	4	4	30	108	55	42	66	Deesa.
3·3	+0·2	2·9	9·05	—5·34	2·58	VI	11	—5·3	6·3	—1·3	13	16	1	2	4	82	101	15	131	46	38	7	4	17	95	100	39	19	Bhuj.
4·3	+0·9	3·7	9·42	—4·10	1·39	VII	18	+1·4	10·7	+1·0	49	67	11	4	8	98	78	46	4	23	23	5	0	8	92	127	87	0	Dwarka.
4·0	+1·8	...	14·57	—5 49	3·70	VI	22	+0·8	...	...	18	26	10	2	2	86	89	8	124	...	...	...	...	...	...	...	...	...	Jamnagar.
4·5	+1·1	4·5	21·32	—4·97	3·75	VII	26	—5·2	9·0	+2·1	45	48	25	12	8	77	86	45	19	53	50	14	6	8	63	67	100	4	Rajkot.
4·0	+0·5	3·6	17·79	—1·01	2·92	VI	27	+1·7	6·7	—0·3	96	27	4	15	10	42	78	81	12	11	4	2	16	33	56	143	100	0	Veraval.
4·6	+1·1	3·8	43·85	+2·88	6·69	VI	51	+4·3	5·6	+1·0	43	57	35	25	36	69	53	32	15	30	25	8	8	57	121	69	44	3	Surat.
4·4	+1·0	4·4	20·29	—0·91	5·00	VII	25	—4·7	4·9	—0·5	40	10	2	3	4	41	129	114	22	21	50	70	53	37	62	51	14	7	Bhavnagar.
3·8	+0·5	3·6	20·66	—8·17	3·16	VII	31	—4·0	4·5	+0·7	32	59	40	8	16	67	69	62	12	29	29	19	12	29	71	87	67	22	Ahmadabad.
3·9	...	...	25·09	...	4·83	V	34	...	...	...	5	15	69	22	25	22	168	1	38	...	...	...	...	...	...	...	...	...	Dohad.
3·4	...	3·0	34·50	...	4 80	VII	35	...	3·2	...	19	27	2	8	33	75	39	26	132	19	8	2	4	20	85	48	38	134	Baroda.
																													Central India, West.
3·4	+0·5	4·4	31·97	+2·78	3·44	VIII	34	—2·2	6·3	+0·2	1	123	2	4	0	128	44	12	51	23	83	7	2	1	65	100	48	35	Neemuch.
3·8	+0·1	4·6	52·40	+19·28	7·23	VII	51	+5·2	4·1	+0·9	16	47	29	27	10	47	113	40	36	36	47	7	12	12	58	110	45	38	Indore.
4·0	...	4·5	53·25	...	5·11	VII	61	...	3·9	...	17	21	14	16	1	26	99	72	99	14	45	26	6	9	28	107	89	41	Bhopal.
2·8	...	3·3	38·69	...	4·00	VIII	49	...	3·7	...	17	33	23	8	12	35	85	48	104	15	44	14	3	6	34	100	70	79	Guna.
																													Central India, East.
3·9	+0·2	4·1	35·52	—7·22	2·79	VII	49	+1·0	2·6	+0·7	7	12	29	8	36	104	53	18	98	49	54	16	3	0	37	55	47	104	Nowgong.
3·6	0	4·1	41·19	—3·58	3·00	VI	66	+11·1	...	...	7	6	43	23	29	75	88	29	65	36	20	27	16	10	34	81	98	48	Sutna.
5·0	..	5·7	57·92	...	3·21	VII	76	...	2·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Umaria.
																													Berar.
3·2	—0·7	3·7	41·17	+9·82	3·26	VI	55	+9·6	5·5	+1·0	5	16	16	16	7	19	84	79	123	19	19	18	12	6	10	70	76	135	Akola.
3·9	+0·4	...	43·89	+10·84	5·30	VIII	58	+10·4	6·4	+2·0	16	68	66	10	16	59	107	23	0	...	...	...	...	...	...	...	...	...	Amraoti.
																													Central Provinces, West.
4·0	+0·7	4·6	33·63	+4·00	3·76	VII	49	+7·6	6·0	...	14	38	31	28	21	39	141	34	19	56	53	19	10	12	36	94	79	6	Khandwa.
4·6	+1·1	5·1	62·96	+14·13	3·82	VII	77	+21·7	3·2	+0·8	3	43	60	30	15	57	74	12	71	10	21	38	8	10	54	72	11	141	Hoshangabad.
3·9	+0·7	4·5	50·80	+5·85	3·30	VIII	70	+14·1	9·4	+5·5	22	52	40	32	15	75	88	41	0	24	55	10	29	7	80	89	71	0	Saugor.
4·6	+1·3	5·1	61·78	+6·67	4·06	VII	85	+21·3	2·1	0	3	2	7	24	22	67	33	0	207	21	22	7	5	10	59	36	19	186	Jubbulpore.
4·6	+1·3	5·6	50·58	—2·64	3·02	VI	75	+4·8	4·3	+1·3	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	Seoni.
4·8	+1·1	5·5	59·02	+10·05	4·00	VII	76	+13·2	3·0	—0·9	51	26	32	8	7	33	87	32	89	7	24	69	14	5	45	89	26	86	Nagpur.
																													Central Provinces, East.
4·2	+0·9	5·0	55·28	+5·22	3·92	VII	86	+12·5	3·9	+0·4	71	25	14	17	68	35	20	64	51	78	28	16	22	57	44	21	68	31	Pendra.
4·9	+1·2	5·2	58·74	+7·91	4·30	VII	70	+6·7	3·6	—0·5	33	56	17	20	11	98	52	21	57	26	40	21	6	8	55	35	18	156	Raipur.
4·7	...	5·2	57·01	...	4·44	X	75	...	3·9	...	2	7	5	22	11	75	40	21	182	9	13	5	55	10	97	73	86	17	Kanker.
4·7	+1·0	4·8	59·22	+7·32	3·57	IX	79	+16·5	3·6	+0·8	30	15	31	18	29	50	85	18	89	34	20	19	16	19	41	49	28	139	Chanda.
5·0	+0·9	6·3	62·97	—0·83	5·39	X	91	+8·6	3·0	...	8	11	0	10	23	31	79	12	191	19	47	6	9	35	39	95	13	102	Jagdalpur.
																													Konkan.
4·4	+0 1	4·3	92·01	+21·38	7·13	IX	97	+24·5	6·7	—3·8	35	73	63	45	20	29	53	44	3	71	1	0	1	3	21	83	185	0	Bombay.
4·7	...	...	107·97	...	4·90	VI	87	...	8·7	...	34	58	57	44	27	56	27	30	32	...	...	...	...	...	...	...	...	...	Alibag.
3·5	—0·4	3·3	141·41	+41·43	11·13	VI	112	+19·3	7·1	+0·5	14	49	57	48	18	52	58	65	4	30	1	1	2	6	74	67	184	0	Ratnagiri.
5·0	+0·3	4·7	88·26	...	6·91	IX	106	...	9·0	...	33	48	112	24	29	29	54	33	3	4	1	2	1	14	66	167	110	0	Marmagao.
3·9	0	3·7	113·57	—6·55	7·68	IX	109	+4·8	3·2	+0·4	65	77	0	16	15	54	1	34	103	41	31	0	12	17	126	2	96	40	Karwar.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED A

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F. and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %.		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
*Bombay Deccan.																						
Jalgaon	660	29·122	...	...	93·4	...	114	V	67·3	...	43	II, XI	73·8	...	64·6	...	·518	...	...	59	...	...
Malegaon	1,430	28·364	—·034	28·256	91·1	—1·1	111	V	65·2	—0·1	43	II	74·9	87·5	65·2	69·7	·511	—·001	·499	57	0	41
Ahmadnagar	2,154	27·672	—·027	27·567	88·4	—1·2	108	V	64·1	+0·1	43	XII	73·0	85·1	63·1	66·4	·465	—·039	·411	56	—4	38
Poona	1,834	27·991	—·022	27·886	88·4	—1·0	105	IV	64·1	—0·6	43	XII	72·0	84·4	64·8	68·0	·537	+·016	·486	67	0	45
Sholapur	1,570	28·242	—·022	28·123	91·6	+0·2	110	V	68·5	+0·2	49	XII	75·7	88·2	65·2	68·8	·495	—·004	·434	56	+1	37
Miraj	1,824	...	...	...	87·1	...	104	IV	66·1	...	48	XII	73·7	85·5	65·8	68·8	·538	...	·489	65	...	44
Bijapur	1,950	27·869	—·026	27·752	9..·1	—0·5	108	V	68·1	+0·3	49	XII	75·5	86·9	65·5	68·3	·507	—·059	·4.2	58	—7	39
Belgaum	2,562	27·296	—·009	27·207	84·8	+0·2	100	IV	64·4	+0·3	51	II	71·5	79·5	65·1	67·8	·539	—·001	·530	71	0	57
Gadag	2,131	27·711	...	27·600	88·4	...	105	IV, V	6..·1	...	54	XII	74·6	85·2	66·9	68·4	·563	...	·479	66	...	43
Hyderabad, North.																						
Aurangabad	1,905	27·924	—·027	...	89·2	—1·4	108	V	66·9	+0·8	47	XII	75·2	...	64·4	...	·473	—·012	...	55	0	...
Nizamabad	1,250	28·535	—·033	...	90·8	—1·2	112	V	69·7	+1·1	48	XII	76·1	...	67·5	...	·565	—·029	...	63	—1	...
Hyderabad, South.																						
Gulbarga	1,503	28·301	—·028	...	91·3	—1·5	110	V	69·4	+0·3	50	XII	75·8	...	66·3	...	·528	—·039	...	60	—3	...
Raichur	1,311	28·493	—·027	...	91·3	—1·1	110	V	72·3	+0·5	56	XII	77·2	...	68·6	...	·587	—·019	...	64	0	...
Hyderabad (Begumpet)	1,778	28·027	—·015	...	90·1	—0·2	110	V	68·0	—0·4	46	XII	75·0	...	67·5	...	·595	—·016	...	69	—1	...
Hanamkonda	877	28·901	—·037	...	91·3	+0·1	111	V	72·1	+1·0	53	XII	77·3	...	70·4	...	·652	+·004	...	71	+2	...
Mysore.																						
Chitaldrug	2,405	27·443	—·015	27·341	87·7	+0·7	103	V	68·1	+0·6	55	XII	73·6	85·0	67·3	69·0	·591	+·016	·501	72	+2	44
Balehonnur	2,917	26·960	...	...	80·1	...	92	III, IV	63·1	...	52	XI	67·8	...	64·9	...	·585	...	...	86	...	...
Hassan	3,149	26·747	—·016	..	85·1	+1·8	98	V	64·5	+1·8	54	I	70·2	...	65·4	...	·574	—·004	...	77	—1	...
Bangalore	3,021	26·866	—·012	26·767	83·9	+0·2	97	V	65·2	+1·4	53	I	69·9	80·8	65·0	65·6	·562	—·019	·448	78	—1	46
Mysore	2,518	27·346	—·024	27·255	85·6	—0·7	98	V	64·4	+0·5	57	I, XI	71·8	82·8	66·8	67·4	·591	—·015	·467	76	0	45
Malabar.																						
Mangalore	72	29·765	—·024	29·674	86·6	—1·1	94	I, II	74·6	+0·3	66	XII	79·0	83·1	74·5	76·8	·792	+·007	·834	81	+3	75
Calicut	27	29·823	—·012	29·728	87·7	+1·3	94	IV	74·5	0	68	I, XI, XII	78·1	84·7	74·2	77·7	·792	—·023	·856	83	—1	72
Cochin	10	29·846	—·012	29·749	85·2	—2·6	92	III	75·7	+0·7	69	XII	79·9	82·7	75·1	76·5	·808	+·003	·826	80	0	75
Trivandrum	200	29·633	—·024	29·540	86·1	+1·8	92	III	76·1	+1·0	67	XI	79·8	83·4	75·7	76·9	·833	+·042	·835	82	0	74
Madras, Southeast.																						
Pamban	37	29·780	—·023	29·684	86·9	—0·8	94	VI	78·5	+1·0	72	X, XII	81·5	82·8	76·9	77·6	·859	—·006	·860	80	0	78
Madura	463	29·355	—·026	29·236	93·5	—0·2	107	V	76·0	+1·8	65	XII	81·1	89·3	72·7	73·6	·694	—·056	·613	65	—6	46
Negapatam	31	29·792	—·015	29·690	89·4	—0·8	104	V	77·6	+1·4	68	XII	81·1	84·9	76·0	77·1	·784	—·032	·825	75	—1	70
Trichinopoly	255	29·565	—·029	29·440	93·1	—1·2	106	V	75·6	+1·3	64	XII	80·3	90·1	73·3	74·5	·727	—·012	·646	71	—1	47
Coimbatore	1,341	28·487	—·025	28·371	89·4	—0·5	99	III, IV	70·9	+1·2	59	I	76·7	85·5	70·6	71·2	·666	—·058	·569	73	—8	49
Salem	913	28·909	—·023	28·774	92·8	—0·2	106	V	73·0	+1·8	61	I	76·7	89·5	70·9	72·3	·680	—·061	·573	74	—3	42
Cuddalore	39	29·776	—·024	29·670	89·7	—0·8	106	V	75·7	+0·9	65	XII	80·7	85·0	74·7	76·9	·787	—·039	·818	75	—5	69
Vellore	703	29·104	—·033	28·992	91·2	—0·7	110	V	72·9	+0·5	58	XII	76·7	87·9	71·7	74·1	·711	—·016	·659	78	+1	52
Madras	22	29·787	—·027	29·689	90·7	—0·2	108	V	75·5	+1·0	63	XII	81·1	85·0	74·5	76·1	·769	—·034	·786	73	—4	66
Madras, Deccan.																						
Cuddapah	428	29·393	—·014	29·258	93·9	—1·7	113	V	74·5	0	59	XII	81·3	90·9	73·4	74·8	·718	+·007	·643	67	0	46
Bellary	1,473	28·337	—·027	28·213	91·4	—1·9	108	V	71·8	+0·9	56	XII	77·6	88·6	68·4	69·7	·573	—·003	·475	61	0	38
Kurnool	923	28·880	—·026	28·746	92·4	—1·4	112	V	71·5	+0·3	53	XII	77·2	90·4	68·9	70·8	·598	—·040	·493	65	—3	37
Rentichintala	349	29·450	...	29·322	94·1	...	114	V	73·6	...	54	XII	80·0	91·2	72·2	72·9	·696	..	·573	68	...	41
Madras Coast, North.																						
Nellore	66	29·748	—·011	29·632	92·7	—1·0	113	V	75·8	+0·6	64	XII	81·5	87·9	74·6	76·2	·764	—·029	·749	72	—4	58
Masulipatam	10	29·782	—·037	29·678	88·6	—1·9	109	V	75·0	+0·5	62	XII	79·9	84·7	75·3	76·6	·819	—·025	·811	80	—1	69
Cocanada	26	29·771	—·026	29·667	88·3	—1·0	110	V	74·7	—0·3	61	XII	80·1	84·8	75·1	76·6	·810	+·013	·809	78	0	68
Vizagapatam	126	29·647	—·035	29·559	86·3	—0·7	105	V	75·2	—0·2	61	XII	79·5	82·8	74·1	76·0	·778	+·024	·810	76	+3	72
Calingapatam	19	29·754	—·031	29·663	88·2	—0·3	101	V	74·4	+0·6	59	XII	78·7	82·7	74·6	76·8	·812	+·007	·845	82	+1	75

* The stations Satara and Inchalkaranji in this

8 HRS. (L. M. T.) AND 17 HRS. (I. S.T.) FOR THE YEAR 1938.

Cloud amount, (tenths of sky).			Rainfall, inches.				Number of rainy days. (0·10" or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from																	
											8 hrs. L. M. T.									17 hrs. I. S. T.									STATION.
Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													***Bombay, Deccan.**
...	...	...	46·40	...	2·61	VI	62	...	...	...	1	0	118	0	0	3	155	0	88	...	...	...	...	...	...	...	...	...	Jalgaon.
3·9	+0·9	4·9	30·67	+8·44	4·92	IX	49	+14·5	4·9	—1·5	14	8	12	4	11	43	141	51	62	43	50	39	7	4	35	97	53	23	Malegaon.
4·3	+1·4	5·2	44·00	+21·67	5·83	VII	54	+17·9	4·9	—1·9	61	5	6	17	35	23	79	81	58	61	20	51	11	17	27	88	62	28	Ahmadnagar.
4·5	+1·0	5·1	37·01	+9·90	5·21	IX	57	+9·6	3·8	...	1	7	12	6	33	33	112	18	143	7	16	23	15	6	19	168	46	65	Poona.
3·5	—0·5	4·3	43·96	+15·51	2·10	IX	60	+18·7	6·7	—0·8	59	27	33	50	26	56	68	36	10	62	36	44	26	22	53	60	53	9	Sholapur
4·4	...	5·3	33·07	...	4·26	V	50	...	7·4	...	14	16	56	25	10	32	107	72	33	20	31	61	20	10	22	136	54	11	Miraj.
5·3	+1·7	6·5	31·07	+10·17	2·83	IX	43	+6·9	5·5	+0·2	40	29	43	26	34	47	91	53	2	23	54	57	27	17	29	80	73	5	Bijapur.
3·8	—0·8	4·3	42·05	—8·08	2·15	X	92	+11·1	4·9	—4·8	27	46	54	27	8	12	163	12	16	6	46	38	10	11	40	209	4	1	Belgaum.
4·4	...	5·2	25·15	...	2·38	IX	55	...	7·8	...	6	48	56	19	9	57	121	41	8	15	87	46	13	8	44	103	46	3	Gadag.
																													Hyderabad, North.
4·2	+0·5	...	41·53	+14·00	5·25	IX	62	+18·4	8·0	+1·1	19	43	66	15	9	40	109	26	38	...	...	...	...	...	...	...	...	...	Aurangabad.
4·6	+0·9	...	50·26	+10·18	2·50	X	79	+23·3	4·1	+0·2	8	17	10	17	30	91	45	26	121	...	...	...	...	...	...	...	...	...	Nizamabad.
																													Hyderabad, South.
4·1	+0·8	...	41·93	+10·85	2·86	III	57	+8·7	8·4	+1·7	21	56	60	20	20	46	92	40	10	...	...	...	...	...	...	...	...	...	Gulbarga
3·7	+0·2	...	29·62	+1·62	2·38	VII	56	+11·3	8·6	+1·6	33	36	20	43	30	83	56	59	5	...	..	...	...	...	...	...	...	...	Raichur.
5·3	+1·2	...	28·31	—3·35	2·11	IX	56	+5·9	4·5	—1·1	13	26	24	34	14	25	100	50	79	...	...	...	...	...	...	...	...	...	Hyderabad. (Begumpet).
4·9	+0·6	...	44·17	+9·75	3·46	VII	67	+16·5	5·8	+0·9	54	20	6	62	75	20	30	66	32	...	...	...	...	...	...	...	...	...	Hanamkonda.
																													Mysore.
5·2	+0·4	5·2	21·47	—3·43	2·53	VIII	44	—3·1	6·4	+1·1	2	7	59	35	3	54	152	24	29	20	40	99	9	3	29	109	47	9	Chitaldrug
6·7	...	...	87·50	...	4·77	VI	122	...	3·5	...	21	3	6	106	16	22	38	39	114	...	...	...	...	...	...	...	...	...	Balehonnur.
5·1	—0·3	...	25·26	—10·07	2·60	VIII	58	—9·1	5·2	+1·5	5	9	68	53	3	62	91	67	7	...	...	...	...	...	...	...	...	...	Hassan.
6·5	+1·3	6·9	31·49	—3·88	3·31	VII	58	—0·9	8·0	+2·9	4	12	79	36	12	35	162	23	2	12	36	100	27	4	38	100	44	4	Bangalore.
6·0	+0·4	6·4	19·31	—12·09	1·96	IX	46	—8·8	7·2	+0·5	11	51	38	6	15	78	98	10	58	20	56	70	5	4	52	108	10	40	Mysore.
																													Malabar.
5·7	+0·6	5·7	143·20	+17·52	7·40	VII	127	+10·5	5·3	+2·4	26	61	147	27	7	15	18	42	22	6	1	0	3	18	48	68	218	3	Mangalore.
6·7	+1·7	6·4	133·15	+15·99	9·13	VII	115	+1·1	6·7	+1·3	34	100	135	15	11	5	14	45	6	5	5	6	3	0	38	176	131	0	Calicut.
6·2	+1·4	6·6	87·60	—26·96	5·07	VII	125	—4·5	6·2	+1·7	28	129	88	26	4	7	18	32	33	11	9	7	7	4	29	167	120	11	Cochin.
5·8	+0·1	6·8	55·94	—8·57	3·56	IX	99	+4·2	4·3	+0·1	96	10	12	4	1	1	9	84	148	18	5	1	2	12	51	108	140	28	Trivandrum.
																													Madras, Southeast.
5·6	+2·0	5·1	27·40	—9·60	2·48	III	42	—4·5	12·2	+4·3	46	55	32	26	56	90	27	27	6	38	75	15	67	106	50	3	9	2	Pamban.
6·1	+1·1	7·1	28·31	—5·27	3·35	III	42	—7·1	5·4	+1·6	50	50	41	11	1	12	93	103	4	5	54	109	44	16	33	67	32	5	Madura.
6·1	+1·0	6·0	48·11	—6·87	4·92	II	49	—6·8	8·4	+2·7	3	50	15	15	4	61	134	65	18	11	96	39	57	68	66	26	2	0	Negapatam.
6·2	+1·7	6·8	22·86	—10·32	2·80	VIII	33	—13·9	5·9	+1·8	39	83	5	5	7	24	147	49	6	11	96	72	24	16	22	86	35	3	Trichinopoly.
5·9	+1·4	6·1	12·74	—9·55	1·13	X	31	—13·4	6·0	+2·5	33	57	28	12	69	77	18	5	66	5	48	59	24	71	100	42	4	12	Coimbatore.
5·3	+0·7	6·7	29·83	—9·47	4·40	VIII	47	—16·4	5·7	+2·4	15	63	56	5	45	75	56	11	39	11	43	94	32	30	56	63	21	15	Salem.
5·7	+1·2	5·6	32·08	—20·86	4·57	X	48	—8·4	6·1	+2·6	26	10	5	7	21	147	49	85	15	11	82	38	160	18	34	16	4	2	Cuddalore.
5·0	+1·3	5·5	34·45	—7·96	3·71	VI	47	—9·2	4·4	+1·7	44	14	4	6	19	47	57	80	94	16	50	68	51	41	52	41	31	15	Vellore.
6·2	+1·5	6·3	26·46	—24·32	2·71	X	38	—19·3	10·9	+1·6	27	27	14	9	26	79	127	53	3	24	72	61	101	69	14	21	3	0	Madras.
																													Madras, Deccan.
5·7	+1·5	6·0	32·44	+1·21	2·80	IX	51	+4·9	6·0	...	12	14	9	90	6	1	82	84	67	16	20	29	128	5	9	56	74	28	Cuddapah.
5·0	+0·5	5·9	23·42	+2·91	3·46	VIII	33	—2·3	5·7	+1·0	19	7	27	47	24	17	80	87	57	22	27	68	51	6	24	79	70	18	Bellary.
5·6	+1·7	6·0	23·42	—2·59	1·98	IX	53	+6·3	6·9	+1·7	3	27	38	29	14	68	95	52	39	25	45	72	49	14	22	57	67	14	Kurnool.
6·3	...	6·5	28·82	...	2·74	IX	52	...	6·4	...	20	12	29	35	35	56	98	48	32	44	32	71	57	15	34	71	37	4	Rentichintala.
																													Madras Coast, North.
5·4	—0·2	5·4	30·35	—7·63	3·52	IX	37	—7·0	4·5	0	11	4	11	25	54	33	110	88	29	4	24	157	58	9	16	67	18	12	Nellore.
...	...	...	50·70	+9·11	14·00	XI	42	—12·5	6·0	+1·1	34	54	8	21	35	72	29	103	9	4	21	12	121	84	65	12	56	0	Masulipatam.
5·2	+0·3	4·4	55·38	+16·29	8·96	XI	65	+11·1	6·4	+1·1	20	52	9	13	8	115	42	33	73	0	17	38	115	44	98	28	10	15	Cocanada.
5·6	+0·4	6·1	50·92	+13·83	6·02	XI	57	+6·1	4·7	+1·2	26	13	5	0	0	53	111	43	114	4	33	57	34	56	130	29	10	12	Vizagapatam.
5·2	+1·4	5·3	40·19	—2·28	3·54	IX	64	+12·4	6·2	+0·1	67	6	6	0	9	90	96	89	2	3	18	46	59	100	124	10	4	1	Calingapatam.

*Sub-division closed during the year.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F. and standard gravity, inches.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, inches.			Relative humidity, %.		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest, during the year.	Month.	Mean.	Departure from normal.	Lowest, during the year.	Month.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Hill Stations excluding Kashmir and Baluchistan.																						
Maymyo	3,546	26·367	—·004	26·293	77·3	+0·7	90	IV	58·5	+2·1	39	II, XII	65·3	70·9	62·5	65·3	·545	+·012	·563	86	0	75
Haka	6,100	24·047	...	23·997	68·2	...	82	IV	53·4	...	35	I, XII	57·8	62·7	52·4	56·7	·356	...	·403	71	.	72
Kanpetlet	6,322	23·868	...	23·821	69·3	...	86	IV	54·7	...	39	I, II, XII	62·6	61·2	55·8	57·3	·384	...	·436	67	...	81
Shillong	4,921	25·059	—·012	24·995	70·6	+0·7	85	IV	54·2	+0·8	30	II	61·4	63·7	56·5	59·6	·418	+·003	·473	74	0	79
Cherrapunji	4,309	25·612	—·019	25·556	69·0	+0·3	85	X	58·2	+1·1	33	II	63·3	64·5	59·4	60·9	·473	+·002	·503	79	—2	81
Aijal	3,599	26·270	...	26·203	75·4	...	92	IV	61·7	...	45	II	66·4	67·8	62·0	63·6	·516	...	·548	79	...	80
Darjiling	7,432	22·881	—·024	...	59·2	+0·8	75	VIII	...	...	...	...	53·3	...	50·7	...	·357	+·002	...	84	—1	...
Kalimpong	3,913	25·982	—·015	25·901	70·3	+0·8	82	VIII	58·6	+1·0	43	II	62·5	65·5	59·2	61·0	·487	+·002	·503	82	—2	78
Katmandu	4,388	25·585	...	25·502	79·0	+0·3	92	4 months	53·1	0	32	I, II, XII	58·7	71·7	55·4	62·9	·440	...	·495	83	...	62
Muktesar	7,592	22·781	—·011	22·737	62·9	—0·7	78	V	48·2	+0·3	26	I	53·9	57·3	47·1	50·2	·270	—·002	·313	61	0	63
Mussooree	6,940	23·311	+·013	23·278	64·8	+0·9	84	V	50·7	0	28	I	55·8	59·2	49·5	52·7	·312	+·003	·353	65	0	67
Simla	7,224	23·054	—·004	23·019	63·3	+0·9	82	V, VI	50·7	+1·5	27	II	56·7	58·2	47·1	49·4	·246	—·011	·283	50	—2	56
Murree	7,082	23·161	+·011	23·141	63·4	+1·7	87	V	47·5	+1·1	18	II	54·5	58·9	45·5	49·1	·233	—·034	·275	52	—4	52
Cherat	4,272	25·631	—·016	...	73·3	+0·7	103	V, VII	57·1	+0·6	27	I, II	61·6	...	52·7	...	·332	+·021	...	56	+4	...
Parachinar	5,673	24·394	+·008	24·355	71·1	+0·8	100	V	49·0	+1·1	13	II	58·1	66·5	48·2	53·0	·271	—·008	·296	52	—4	43
Drosh	4,723	25·271	...	...	72·5	—0·2	107	VIII	52·0	+0·1	22	I	55·8	...	47·4	...	·263	—·025	...	55	—3	...
Mount Abu	3,945	25·955	—·023	25·903	75·9	+0·1	95	V	61·7	—0·3	39	I	69·0	73·2	58·5	60·9	·387	+·019	·415	54	0	49
Pachmarhi	3,528	26·369	—·008	26·294	79·8	—0·1	100	V	60·6	—0·4	36	XII	71·4	76·3	61·4	63·7	·443	+·007	·458	58	—4	54
Mahabaleshwar	4,534	25·457	...	25·399	74·7	...	90	IV, V	60·7	...	49	II	66·1	70·2	58·8	62·4	·419	...	·480	67	...	68
Mercara	3,781	26·145	—·017	26·071	74·4	—1·9	86	III	61·7	+0·6	54	I, XI, XII	65·7	72·4	62·9	66·5	·545	+·004	·576	86	+1	75
Ootacamund	7,364	23·034	—·001	...	66·5	+0·5	77	III	48·9	—0·2	30	I	56·7	...	51·4	...	·326	—·006	...	72	+2	..
Coonoor	5,730	24·414	...	...	70·8	...	83	V	54·8	...	37	I	63·8	...	57·1	...	·394	...	...	67	...	...
Kodaikanal	7,688	22·769	+·002	22·719	63·8	+0·2	72	V	51·1	+0·3	40	I	56·3	57·8	51·1	54·4	·322	+·011	·389	72	+4	82
Ceylon.																						
Colombo	24	29·826	—·013	29·747	86·0	—1·1	92	I	75·3	+0·1	60	II	78·4	83·8	75·0	76·9	·819	—·021	·834	85	0	72
Trincomalee	24	29·799	+·014	29·711	87·6	—1·7	96	V, X	76·8	+0·6	69	VI	80·1	84·4	74·8	76·3	·791	—·046	·799	78	—5	69
Hambantota	61	29·760	—·023	29·675	86·8	+0·3	96	XI	75·4	+0·5	69	I, II	79·0	82 5	75·4	76·6	·829	+·025	·835	84	—6	76
Nuwara Eliya	6,170	24·045	...	23·983	67·8	...	75	II, V	52·0	...	36	II	58·3	63·3	56·2	59·2	·428	...	·461	89	...	81
Arabia.																						
†Aden	98	29·766	+·020	...	88·5	+0·5	101	VII	77·5	—0·5	68	XII	9·5	...	75·1	..	818	+·026	...	81	+4	..

† Records observations at 7 hrs. (L. M. T.)

S. (L. M. T.) AND 17 HRS. (I. S. T.) FOR THE YEAR 1938.

nd amount. ths of sky).		Rainfall, inches.				Number of rainy days, (0·10″ or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	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
																												Hill Stations excluding Kashmir and Baluchistan.
+0·8	4·6	65·69	+7·07	4·29	V	92	+1·2	2·2	+0·4	16	17	36	16	31	23	18	6	202	8	9	33	9	31	33	21	10	211	Maymyo.
...	5·9	78·95	...	2·47	X	120	...	6·3	...	30	96	72	6	22	28	8	12	91	11	58	100	21	26	29	11	12	97	Haka.
...	6·7	107·56	...	5·91	XI	133	...	4·4	...	19	47	79	19	69	45	29	9	49	23	13	16	1	20	49	97	18	128	Kanpetlet.
+1·2	8·3	94·56	+10·64	4·19	IX	122	−1·6	2·7	+0·5	11	12	22	13	21	59	15	5	207	16	9	3	1	23	56	15	8	234	Shillong.
+0·7	6·8	549·00	+124·93	24·66	IX	170	+10·8	6·5	+2·5	6	116	28	39	25	102	15	7	27	11	62	9	27	33	157	23	8	25	Cherrapunj
...	4·4	86·26	...	5 36	IX	119	...	6·0	...	4	1	127	40	53	79	16	16	15	4	2	28	14	31	132	78	67	9	Aijal.
+0·1	...	132·15	+1·00	4·34	VI	134	+10·8	6·1	+0·1	4	69	153	25	7	15	28	4	60	...	...	...	...	...	...	...	...	...	Darjiling.
+1·2	5·8	102·70	+20·88	4·82	V	109	+8·8	7·2	...	16	2	3	49	6	1	14	237	37	6	2	4	281	38	0	1	14	19	Kalimpong.
...	4·8	68·11	+10·60	3·05	VIII	102	+8·0	1·2	...	8	24	47	20	3	7	3	3	250	54	6	22	11	14	4	79	38	137	Katmandu.
−0·2	5 1	52 74	+0·46	3·05	VIII	84	+2·7	7·6	+2·7	9	56	36	30	7	40	130	29	28	5	9	14	17	12	93	190	10	15	Muktesar.
+0·8	5·1	67·25	...	6·37	VII	81	...	4·9	...	57	25	36	41	47	32	11	30	86	21	15	16	23	103	55	7	14	107	Mussooree.
0	5·1	53·29	−10·28	4·41	VIII	78	−9·2	2·9	−0·6	38	75	23	63	56	21	3	12	72	33	45	8	46	71	50	14	33	65	Simla.
+0·3	4·8	67·34	+7·49	4·99	VI	80	+2·9	6·9	...	16	46	65	107	18	7	52	35	19	10	19	42	82	28	47	90	38	9	Murree.
+0·2	...	23·07	−4·44	2·38	VII	41	−1·0	8·9	+1·6	131	26	16	36	17	7	9	78	45	...	...	...	...	...	...	...	...	...	Cherat.
−0·4	4·6	27·20	−2·32	1·78	VII	64	−0·8	4·4	+2·2	132	18	40	22	22	10	45	18	58	19	25	82	92	52	40	23	15	17	Parachinar.
−0·1	...	16·65	−0·10	1·66	III	35	−5·0	5·2	+2·4	1	17	51	32	10	19	9	0	226	...	...	...	...	...	...	...	...	...	Drosh.
+0·2	3·6	38·29	−22·48	5·08	VII	52	−1·7	4·8	−0·9	17	38	11	12	26	89	52	22	98	34	22	4	9	33	111	59	39	54	Mount Abu.
+1·9	5·9	82·17	+5·65	4·50	VIII	103	+25·5	...	...	27	33	26	23	27	20	99	91	19	41	33	14	10	11	19	125	92	20	Pachmarhi.
...	5·4	294·91	+29·42	7·80	VI	135	+13·5	8·1	...	23	78	76	20	4	48	77	32	7	8	24	21	10	1	65	124	105	7	Mahabaleshwar.
−0·8	5·6	135·32	+9·86	9 30	VII	137	+4·6	7·3	+3·3	2	30	34	0	1	3	62	66	167	2	12	17	0	1	5	83	80	165	Mercara.
+0·1	...	38·26	−17·30	2·15	VIII	92	−14·4	4·6	+1·1	17	67	41	12	12	30	70	16	100	...	...	...	...	...	...	...	...	...	Ootacamund.
...	...	65·76	...	5·51	X	76	...	4·0	...	14	17	23	102	49	23	9	64	64	...	...	...	...	...	...	...	...	...	Coonoor.
+0·3	7·6	54·0	−8·14	2·57	XII	84	−22·6	7·7	−1·2	33	85	18	51	13	2	27	95	41	46	63	12	51	24	2	16	99	52	Kodaikanal.
																												Ceylon.
+0·3	7·1	64·94	−19·25	3·23	IV	115	+4·0	...	...	10	70	48	33	5	76	60	12	51	14	16	2	4	2	120	136	67	4	Colombo.
+1·5	6·5	69·24	+7·65	4·81	X	89	+16·7	...	...	31	55	32	4	12	108	107	8	8	67	76	70	16	2	57	69	5	3	Trincomalee.
+0·1	5·5	38 38	−2·43	4·03	II	66	−4·6	...	...	44	93	4	0	0	7	173	35	9	3	19	69	25	13	102	102	19	1	Hambantota.
...	8·7	88·29	−5·09	4·52	VII	136	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nuwara Eliya.
																												Arabia.
−0·1	...	1·59	−0·37	1 20	IX	2	−1·6	...	...	122	56	56	34	33	9	21	4	30	...	...	...	...	...	...	...	...	...	†Aden.

TABLE II A.—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION AND MONTH.	Height of bar. cistern above mean sea-level in feet.	Pressure reduced to 32°F and standard gravity inches.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, inches.			Relative humidity, %.		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SEYCHELLES. (Indian ocean.) (10 and 16 hrs. L.M.T.)	15																					
January	...	29·881	—·016	29·792	82·9	—0.2	86	17	74·6	—2·0	72	8,9,10	81·0	81·4	76·1	76·2	·828	—·019	·828	79	—1	78
February	...	29·885	—·009	29·792	83·7	—0·2	87	22	76·2	—0·9	74	6 days	82·0	82·3	76·0	76·2	·815	—·032	·815	75	—3	75
March	...	29·844	—·040	29·743	84·9	—0·2	87	29	76·4	—1·2	72	2	82·8	83·3	76·3	76·6	·808	—·050	·838	73	—3	73
April	...	29·866	—·009	29·769	86·1	+0·2	87	14 days	75·5	—2·7	73	19	83·6	83·6	77·6	77·9	·876	+·003	·882	76	0	77
May	...	29·846	—·043	29·763	85·0	+0·1	87	4 days	76·3	—1·7	74	5	82·7	83·1	77·4	77·8	·851	—·006	·882	78	+2	78
June	...	29·905	—·006	29·832	82·1	—0.4	84	18,21,22	75·7	—1·1	73	18, 25	80·1	80·4	75·1	75·0	·799	+·004	·792	78	+2	77
July	...	29·905	—·025	29·831	81·7	+0·7	85	12	74·7	—0·9	71	8, 9	80·0	80·3	74·2	74·3	·757	+·003	·717	75	—1	75
August	...	29·892	—·046	29·816	80·6	—0·3	82	4 days	74·5	—1·0	72	22	78·9	78·9	73·3	73·5	·736	—·016	·736	76	+1	76
September	...	29·931	—·012	29·842	81·7	—0·1	83	4 days	74·9	—1·1	73	5 days	80·2	80·4	74·7	75·2	·792	+·009	·743	77	+1	77
October	...	29·929	—·004	29·831	82·4	—0·5	84	20,30	74·4	—1·6	71	28	80·7	80·6	75·6	75·4	·828	+·022	·750	78	+2	78
November	...	29·916	+ 008	29·817	83·0	—0·6	86	13	73·0	—2·7	70	11	80·8	80 2	75·2	75·4	·792	-·036	.799	76	—1	80
December	...	29·877	—·018	29·777	82·2	—1·2	85	4,12	73·1	—2·9	71	5 days	79·5	80·5	75·1	75·4	·806	—·031	·799	81	+2	78
Year	...	29·890	—·018	29·800	83·0	—0·3	87	4 months	74.9	—1·7	70	XI	81·0	81·3	75·5	75·7	807	—·013	·798	77	0	77
MINICOY. (Arabian Sea.)	9																					
January	...	29·910	—·003	...	86·6	+0·7	89	28	75·2	...	71	19,24	81·6	...	75·2	...	·779	—·018	...	73	—4	...
February	...	29·893	—·015	...	87·0	+0·6	90	14	76·9	...	72	19	81 6	...	76·0	...	·821	+·021	...	76	0	...
March	...	29·825	—·057	...	89·0	+1·1	91	12	77·8	...	74	18	82·9	...	76·8	...	·845	+·013	...	75	+1	..
April	...	29·824	—·012	...	89·3	—0·2	92	11	79·1	...	73	3,24,25	84·3	...	77·7	...	·869	—·005	...	74	0	...
May	...	29·789	—·030	...	89·9	+0·9	92	9 14	80·4	...	74	27	85·1	...	78·0	...	·862	—·043	...	72	—5	...
June	...	29·805	0	...	86·9	+0·6	89	25, 26, 27	78·0	...	74	1, 2, 6	82·8	...	77·6	...	·889	—·013	...	78	—4	...
July	...	29·811	—·011	...	85·4	—0·3	88	1	76·6	...	70	4	80·6	...	76·3	...	·835	—·046	...	82	0	...
August	...	29·809	—·037	...	84·6	—1·1	87	16, 17, 31	76·6	...	73	21, 22	80·0	...	76·4	...	·848	—·014	...	84	+3	...
September	...	29·841	—·024	...	85·7	0	87	7 days	77·2	...	72	18	81·3	...	76·5	...	·858	+·008	...	80	0	...
October	...	29·879	+·016	...	85·7	-0·4	88	27, 30	74·8	...	72	24, 26	81·0	...	75·5	...	·792	—·070	...	77	—4	...
November	...	29·879	+·001	...	84·8	—1·5	87	6 days	75·6	...	68	26	80·9	...	75·2	...	·792	—·055	...	76	—3	...
December	...	29·864	—·034	...	85·5	-0·7	87	6 days	76·2	...	71	31	81·0	...	75·5	...	·792	—·017	...	76	—1	...
Year	...	29·844	—·017	...	86·7	0	92	IV, V	77·0	...	68	XI	81·9	...	76·4	...	·832	—·020	...	77	—1	...
AMINI DIVI. (Arabian Sea.)	13																					
January	...	29·912	—·017	...	88·7	+2·6	92	31	74·9	+0·9	70	20	83·2	...	75·8	...	·794	+·018	...	70	—2	...
February	...	29·895	—·028	...	88·9	+1·8	91	5 days	76·8	+0·8	73	19	82·2	...	75·1	...	·772	—·016	...	70	—2	...
March	...	29·820	—·070	...	89·9	+0·4	93	20, 22, 29	78·3	+0·7	73	1	84·0	...	77·4	...	·838	+·010	...	73	+1	...
April	...	29·815	—·019	...	91·0	—0·7	94	11, 13	80·8	+1 0	73	30	85·7	...	78·6	...	·894	+·017	...	72	+1	...
May	...	29·759	—·049	...	89·9	—1·6	92	5, 25	81·2	+0·6	76	27,28	85·7	...	79·9	...	·940	+·026	...	77	+3	...
June	...	29·760	—·007	...	86·2	—1·1	88	5 days	78·4	+0·3	75	1,24	83·0	...	79·7	...	·974	+·049	...	86	+4	...
July	...	29·780	—·008	...	84·3	—1·4	86	31	77·1	—0·3	74	19	81·2	...	79·1	...	·962	+·070	...	90	+7	...
August	...	29·779	—·044	...	84·3	—1·4	86	6 days	77·4	0	73	3,22	81·5	...	78·7	...	·948	+·068	...	88	+6	...
September	...	29·821	—·027	...	84·9	—0·9	87	6 days	77·6	+0·4	73	19	81·4	...	76·8	...	·865	+·001	...	81	0	...
October	...	29·862	+·005	...	86·3	—0·1	90	22, 26	76·7	—0·1	73	11, 13, 16	82·3	...	76·7	...	·851	—·017	...	77	—3	...
November	...	29·884	+·009	...	86·5	0	90	23, 25, 30	74·8	—0·7	69	26	81·4	...	75·5	...	·785	—·049	...	75	—1	...
December	...	29·872	—·036	...	87·7	+1 4	90	4 days	74·8	+1·0	71	20,31	82·3	...	75·9	...	·808	+·026	...	74	+2	..
Year	...	29·830	—·024	...	87·4	—0·1	94	IV	77·4	+0·4	69	XI	82·8	...	77·4	...	·869	+·017	...	78	+2	...

HRS. (L. M. T.) AND 17 HRS. (I. S. T.) FOR EACH MONTH AND THE YEAR 1938.

Cloud amount. (tenths of sky.)			Rainfall, inches.				Number of rainy days (0·10″ or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION AND MONTH.
											8 hrs. L. M. T.–									17 hrs. I. S. T.									
Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I.S.T.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm.	N	NE	E	SE	S	SW	W	NW	Calm.	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													SEYCHELLES. (Indian Ocean. (10 and 16 hrs. L. M. T.)
6·5	—0·2	6·9	8·63	—7·37	1·49	4	13	—2·1	5·3	...	5	6	2	0	0	0	3	15	0	9	1	1	1	0	1	3	14	1	January
6·1	—0·3	6·4	5·75	—5·96	2·15	25	7	—3·1	5·9	...	2	7	1	0	0	0	6	11	1	4	5	1	2	0	0	7	9	0	February
5·6	0	6·1	3·42	—6·42	1·87	5	6	—5·1	5·1	...	2	5	1	1	0	0	5	10	7	2	3	2	1	1	0	8	14	0	March
5·5	+0·2	6·4	4·97	—2·75	1·29	18	9	—1·3	2·6	...	0	8	7	4	0	1	1	2	7	0	5	3	6	2	1	4	2	7	April
5·8	+0·6	6·3	8·69	+2·21	1·89	4	15	+5·5	6·8	...	0	1	7	14	2	1	0	0	6	0	1	9	13	5	0	0	0	3	May
5·6	—0·3	5·8	1·59	—2·91	0·30	17	6	—2·4	10·6	...	0	0	2	19	9	0	0	0	0	0	0	3	13	11	3	0	0	0	June
5·6	—0·3	6·1	1·19	—1·89	0·42	24	3	—4·5	9·6	...	0	0	9	16	4	0	0	0	2	0	0	6	18	6	0	0	0	1	July
6·9	+0·8	7·9	0·63	—1·58	0·14	10	3	—2·9	13·2	...	0	0	4	23	4	0	0	0	0	0	0	5	22	4	0	0	0	0	August
6·0	+0·1	5·4	3·68	—1·70	1·28	6	8	+0·4	11·6	...	0	0	8	20	2	0	0	0	0	0	0	8	17	4	1	0	0	0	September
5·7	+0·2	5·9	10·88	+5·13	2·49	22	15	+7·1	7·8	...	0	1	13	10	4	0	0	0	3	0	0	13	12	3	0	1	2	0	October
6·5	+0·5	7·1	16·68	+7·22	2·93	23	16	+4·1	4·5	...	1	3	3	4	2	0	2	6	9	3	2	1	4	3	0	4	6	7	November
6·7	+0·4	6·6	13 11	—0·51	4·06	19	17	+1·7	4·8	...	2	2	4	0	0	0	5	14	4	1	1	1	0	3	0	9	12	4	December
6·0	+0·1	6·4	79·22	—16·53	4·06	XII	118	—2·6	7·3	...	12	33	61	111	27	2	22	58	39	10	18	53	109	42	6	36	59	23	*Year*
																													MINICOY. (Arabian Sea.)
3·9	+0·9	...	0·52	—1·36	0·50	5	1	—1·7	2·0	—1·6	8	12	2	0	0	0	0	2	7	...	...	...	...	...	...	...	...	...	January
5·4	+2·4	...	0·50	—0·15	0·35	25	2	+0·9	2·5	—0·8	8	5	0	0	1	0	1	8	5	...	...	...	...	...	...	...	...	...	February
5·1	+2·3	...	0·63	—0·41	0·36	18	2	+0·4	2·1	—1·2	6	0	0	0	0	0	0	9	16	...	...	...	...	...	...	..	...	...	March
4·4	+0·5	...	5·12	+2·50	1·88	3	6	+2·4	3·3	—0·8	3	1	0	1	1	0	4	16	4	...	...	...	...	...	...	...	...	...	April
5·1	+0·1	...	2·72	—3·67	0·60	30	6	—2·6	6·3	+0·2	0	0	0	0	1	3	15	11	1	...	...	...	...	...	...	...	...	...	May
6·6	—0·2	...	5·72	—6·19	1·18	7	14	—3·3	9·1	—1·4	0	0	0	0	0	3	17	9	1	...	...	...	...	...	...	...	...	...	June
7·8	+1·5	...	10·80	+2·00	2·88	4	15	+1·1	7·7	—2·6	3	0	0	0	0	4	9	15	0	...	...	...	.	...	...	...	...	...	July
6·	+1·3	...	16·79	+9·63	4·92	2	16	+5·0	5·5	—2·7	3	0	0	0	0	2	7	19	0	...	...	...	...	...	...	...	...	...	August
5·0	+1·0	...	5·35	—1·06	1·23	28	11	+0·9	6·1	—0·4	5	0	0	0	0	0	5	20	0	...	...	..	...	...	...	...	...	...	September
4·3	—0·9	...	5·37	—2·95	2·79	31	9	—2·6	3·9	—1·3	4	2	0	0	0	2	7	7	9	...	...	...	...	...	...	...	...	...	October
4·7	+0·2	...	9·22	+3·93	2·70	3	12	+4·9	5·3	+1·4	2	3	1	3	0	5	5	3	8	...	...	...	...	...	...	...	...	...	November
6·3	+2·8	...	5·71	+2·20	2·23	2	6	+1·8	2·4	—1·2	5	15	2	4	1	1	0	0	3	...	...	...	...	...	...	...	...	...	December
5·5	+1·0	...	68·45	+4·47	4·92	VIII	100	+7·2	4·7	—1·0	47	38	5	8	4	20	70	119	54	...	...	...	...	...	...	...	...	...	*Year*
																													AMINI DIVI. (Arabian Sea.)
3·5	—0·2	...	0·02	—0·68	0·02	4	0	—1·1	3·3	—0·7	14	11	0	0	0	0	0	6	0	...	...	...	...	...	...	..	...	...	January
4·6	+1·1	...	0	—0·08	0	...	0	—0·3	5·5	+0·5	10	6	0	0	0	0	2	10	0	...	...	...	.	...	...	..	...	...	February
3·7	+0·6	...	0	—0·05	0	...	0	—0·1	5·6	+0·5	12	3	1	0	0	0	2	13	0	...	...	...	...	...	..	...	...	...	March
4·3	+0·1	...	0·70	—0·80	0·57	30	2	+0·3	6·0	+0·3	5	1	0	0	1	2	7	14	0	...	..	...	...	...	...	...	...	...	April
5·8	+0·2	...	6·24	+2·57	4·04	27	6	+1·3	8·1	+0·8	0	0	0	0	0	4	14	13	0	...	...	...	...	...	...	...	...	...	May
8·0	+0·2	...	5·71	—8·60	1·23	1	15	—1·5	13·8	+1·1	0	0	0	0	0	10	19	1	0	...	...	...	...	...	...	...	...	...	June
8·3	+0·7	...	7·33	—4·67	0·94	6	17	+1·3	14·1	0	0	0	0	0	0	8	16	7	0	..	...	...	...	...	...	...	...	...	July
8·4	+1·4	...	13·58	+5·93	4·60	3	12	+0·6	12·8	—0·2	0	0	1	0	0	2	15	13	0	...	...	...	..	...	..	...	...	...	August
7·8	+1·5	...	5·10	—1·25	0·84	20	10	—0·5	12·9	+2·8	1	0	0	0	0	0	13	16	0	...	...	...	...	...	...	...	...	.	September
5·4	—0·7	...	3·55	—2·26	1·66	4	3	—5·7	5·8	—0·7	3	4	1	1	0	3	7	6	6	...	...	...	...	...	...	...	...	...	October
4·4	—0·4	...	7·38	+4·80	1·80	4	7	+2·8	3·7	0	5	3	2	1	2	4	3	5	5	...	...	...	...	...	...	...	...	...	November
4·5	+0·9	...	3·67	+2·40	2·56	2	3	+1·0	2·1	—1·3	15	5	2	1	0	0	0	6	2	...	...	...	...	...	...	...	...	...	December
5·7	+0·4	...	53·28	—2·69	4·60	VIII	75	—1·9	7·8	+0·3	65	33	7	3	3	33	98	110	13	...	...	...	...	...	...	...	...	...	*Year*

TABLE II-A.—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION AND MONTH.	Height of bar. cistern above mean sea-level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, inches.			Relative humidity, %.		
		Mean 8 hrs. L.M.T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I.S.T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs.I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CAR NICOBAR (Bay Islands).	19																					
January	...	29·916	+·065	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February	...	29·954	+·092	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March	...	29·851	+·015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April	...	29·839	+·031	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	...	29·745	—·025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June	...	29·763	+·021	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	29·760	+·017	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
August	...	29·781	+·021	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
September	...	29·800	+·015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
October	...	29·845	+·044	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
November	...	29·821	+·002	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
December	...	29·835	+·001	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	...	29·826	+·025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TABLE ISLAND. (Bay Islands.)	105																					
January	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February (*m*)	...	29·823	+·010	...	84·0	+0·2	86	27, 28	74·0	—0·8	70	16	78·8	...	73·0	...	·729	+·016	...	73	—1	...
March	...	29·726	—·061	...	87·6	+1·0	90	5 days	76·5	+0·2	73	4 days	82·4	...	75·3	...	·772	—·019	...	71	—6	...
April	...	29·710	—·030	...	90·7	+1·3	93	20	80·1	+0·9	77	19	85·4	...	78·8	...	·901	+·052	...	73	—1	...
May	...	29·605	—·054	...	86·9	—1·5	94	3	77·9	—1·6	73	16, 21	82·8	...	78·7	...	·935	+·005	...	81	—0	...
June	...	29·585	—·017	...	84·4	—0·9	87	28	76·4	—1·4	71	30	81·0	...	78·5	...	·955	—·002	...	89	+1	...
July	...	29·585	—·016	...	84·1	—0·2	87	31	76·6	—0·6	70	13	81·2	...	78·6	...	·955	—·002	...	89	—1	...
August	...	29·603	—·025	...	84·6	+0·6	87	19, 22	77·3	+0·1	73	20	81·2	...	78·5	...	·923	—·018	...	88	—1	...
September	...	29·627	—·043	...	84·5	+0·2	86	6 days	77·2	+0·1	74	5 days	81·2	...	78·8	...	·955	+·032	...	89	+1	...
October	...	29·685	—·052	...	84·1	—1·1	86	4 days	76·8	—0·9	74	5, 6, 7	80·4	...	77·8	...	·923	+·028	...	89	+5	...
November	...	29·747	—·028	...	83·4	—1·5	86	8	75·6	—2·2	72	22, 23	80·3	...	76·8	...	·878	+·024	...	84	+4	...
December	...	29·787	—·028	...	82·1	—1·0	85	11	75·3	—1·0	69	22, 26, 29	79·3	...	74·4	...	·770	+·029	...	78	+4	...
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
THATON. (Lower Burma.)	56																					
January	...	29·914	...	29·826	89·1	...	94	28, 29, 31	66·5	..	60	17	74·3	77·6	68 7	71 9	·634	...	·709	74	...	75
February	...	...	...	29·763	91·1	...	95	8	69·6	...	61	20	76·3	82·1	71·3	74 4	·690	...	·737	78	...	67
March	...	29·803	...	29·685	94·0	...	97	12, 20	72·8	...	62	3	80·4	84·2	73 9	75·3	·750	...	·745	73	...	65
April	...	29·779	...	29·687	94·4	...	99	8	77·4	...	73	19	82·9	86·0	76·9	78·3	·845	...	·855	75	...	70
May	...	29·687	...	29·634	87·6	...	96	3	75·2	...	72	12	80·0	81·2	76·9	77·0	·885	...	·872	86	...	82
June	...	29·691	...	29·613	82·8	...	88	4 days	75·1	...	74	10 days	77·5	80·9	75·8	77·4	·875	...	·878	93	...	85
July	...	29·696	...	29·631	83·7	...	88	31	74·2	...	72	21	76·4	79·9	75·3	77·1	·853	...	·885	95	...	88
August	...	29·699	...	29·633	83·5	...	87	26	74·8	..	73	10, 30	77·2	78·8	76·0	76·3	·882	...	·862	95	...	89
September	...	29·733	...	29·644	85·6	...	90	26, 27	75·3	...	72	29	78·1	80·9	76·3	77·4	·869	...	·878	92	...	86
October	...	29·786	...	29·704	87·6	...	94	28, 30	74·9	...	72	21, 23, 26	79·5	81·4	75·9	77·4	·848	...	·872	86	...	83
November	...	29·862	...	29·775	89·0	...	93	7 days	72·1	...	66	23, 26	78·8	80·7	72·6	75·3	·729	...	·799	73	...	77
December	...	29·866	...	29·773	90·0	...	93	15, 16	67·3	...	58	21	77·6	78·9	70·5	72·2	·663	...	·696	69	...	71
Year	...	29 799	...	29·697	88·2	...	99	IV	72 9	...	58	XII	78 3	81·1	74 2	75·8	·794	...	·816	82	...	78

(*m*) Mean of 18 days.

8 HRS. (L. M. T.) AND 17 HRS. (I. S. T.) FOR EACH MONTH AND THE YEAR 1938.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days. (0·10″ or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds from																
											8 hrs. L. M. T.									17 hrs. I. S. T.								
Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	STATION AND MONTH.
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
																													CAR NICOBAR. (Bay Islands.)
6·4	...	...	4·39	+0·28	1·05	29	7	+2·8	10·3	...	0	18	13	0	0	0	0	0	0	...	...	...	...	...	...	...	...	...	January
5·5	...	...	0·44	−0·67	0·28	5	1	−1·0	6·4	...	2	8	12	1	1	0	0	2	2	...	...	...	...	...	...	...	...	...	February
6·3	...	...	5·72	+4·34	2·19	17	7	+5·0	4·7	...	3	8	11	3	0	3	0	2	1	...	...	...	...	...	...	...	...	...	March
7·0	...	...	2·77	−0·30	1·12	14	7	+1·7	2·7	...	4	1	7	3	1	1	3	3	7	...	...	...	...	...	...	...	...	...	April
8·7	...	...	16·20	+3·37	6·35	13	16	+1·7	2·1	...	1	0	0	2	2	6	14	2	4	...	...	...	...	...	...	...	...	...	May
8·1	...	...	14·89	+2·36	2·62	29	20	+5·4	2·4	...	0	0	0	0	4	14	9	1	2	...	...	...	...	...	...	...	...	...	June
8·2	...	...	7·47	−1·62	1·66	2	16	+3·9	2·1	...	1	0	0	0	2	19	3	1	5	...	...	...	...	...	...	...	...	...	July
7·9	...	...	17·25	+6·74	5·42	14	16	+2·8	1·8	...	0	0	0	0	11	18	0	0	2	...	...	...	...	...	...	...	...	...	August
8·0	...	...	12·53	+0·07	3·78	25	19	+4·5	2·1	...	0	0	0	0	9	13	6	1	1	...	...	...	...	...	...	...	...	...	September
8·0	...	...	11·47	+0·21	3·42	27	15	+0·7	3·0	...	0	1	5	1	1	14	5	2	2	...	...	...	...	...	...	...	...	...	October
7·9	...	...	20·44	+9·82	6·21	20	12	0	5·5	...	2	4	9	7	3	4	0	1	0	...	...	...	...	...	...	...	...	...	November
6·3	...	...	7·65	−0·22	2·11	19	11	+2·3	8·4	...	0	5	20	2	1	0	0	0	3	...	...	...	...	...	...	...	...	...	December
7·4	...	..	121·22	+24·38	6·35	V	147	+29·8	4·3	...	13	45	77	19	35	92	40	15	29	...	...	...	...	...	...	...	...	...	*Year*
																													TABLE ISLAND. (Bay Islands.)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	January.
3·5	+0·3	...	0	−0 12	0	...	0	−0·3	8·3	+1·8	12	3	0	0	0	0	0	3	0	...	...	...	...	...	...	...	...	...	February (m)
3·7	+0·2	...	0	−0·17	0	...	0	−0·3	4·1	−1·3	11	3	1	1	1	2	6	6	0	...	...	...	...	...	...	...	...	...	March.
5·8	+1·8	...	0·22	−0·41	0·16	19	1	−0·1	6·1	+0·6	8	2	1	0	4	6	5	4	0	...	...	...	...	...	...	...	...	...	April.
7·8	+1·5	...	14·00	+5·25	3·53	16	11	+0·3	13·5	+3·6	2	0	0	1	18	6	3	1	0	...	...	...	...	...	...	...	...	...	May.
9·0	+1·3	...	23.32	+8·22	5·72	30	22	+5·2	17.0	+2·0	0	0	0	0	16	11	2	0	1	...	...	...	...	...	...	...	...	...	June.
8·8	+0·8	...	13·83	+0·32	3·80	22	22	+4·4	17·2	−0·3	0	0	0	1	16	13	1	0	0	...	...	...	...	...	...	...	...	...	July.
8·9	+0·9	...	13·12	+1·65	2·85	4	17	+0·8	17·1	+0·3	0	0	0	0	9	18	4	0	0	...	...	...	...	...	...	...	...	...	August.
8·5	+1·5	...	2·32	−2·02	1·80	7	12	−3·6	13·3	+2·0	0	0	0	1	13	12	4	0	0	...	...	...	...	...	...	...	...	...	September.
7·8	+2·1	...	9·88	+3·39	2·38	6	14	+3·8	12·7	+5·5	5	3	1	3	6	7	3	2	1	...	...	...	...	...	...	...	...	...	October.
6·1	+0·8	...	4·75	−0·90	1·40	11	10	+3·2	10·5	+3·8	1	8	4	3	2	2	0	0	0	...	...	...	...	...	...	...	...	...	November.
3·9	−0·9	...	0·35	−2·02	0·35	12	1	−1·3	8·2	+0·5	14	14	1	0	0	0	0	0	2	...	...	...	...	...	...	...	...	...	December.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	*Year*
																													THATON. (Lower Burma.)
2·2	...	0·8	0	−0·10	0	...	0	−0·3	1·6	...	1	10	2	7	1	3	1	0	6	1	6	1	0	1	1	1	1	19	January
3·9	...	1·9	0·99	+0·79	0·45	11,12	2	+1·6	2·1	...	0	8	1	10	0	0	0	0	9	2	0	0	6	3	3	0	0	14	February
2·3	...	1·7	0·76	−0 04	0·76	16	1	+0 1	2·6	...	1	4	2	10	1	2	0	0	11	0	0	0	4	5	15	1	0	6	March
5·3	...	3·8	3 17	+0·35	1·56	19	4	+0 3	3·2	...	0	5	2	9	2	1	0	3	8	0	0	1	7	7	12	0	0	3	April
8·3	...	8·7	19·87	−3·83	2·24	13	25	+6·2	3·6	...	0	2	2	14	2	5	0	2	4	0	0	1	9	4	10	2	1	4	May
9·3	...	9·0	39·89	−2·41	5·10	9	28	+1·3	3·3	...	0	1	2	11	2	1	1	2	10	0	0	0	8	8	13	0	1	0	June
9·3	...	9 1	61·40	+9·98	7·42	31	29	+0 9	3·2	...	0	1	2	9	2	1	0	3	13	0	0	0	3	5	11	3	3	6	July
9·3	...	9 5	31·26	−10·47	3·56	11	30	+1·9	2·7	...	0	0	3	8	2	2	0	1	15	1	0	0	1	2	18	2	4	3	August
8·8	...	8·5	25·68	−6·25	3·94	4	25	+2·6	2·6	...	0	0	4	5	2	2	0	0	17	0	0	0	2	6	12	1	2	7	September
8·1	...	8·6	21 05	+10·30	5·26	9	16	+4·4	2·5	...	0	2	6	7	0	1	1	1	11	0	0	0	2	2	4	1	1	21	October
7·6	...	7·1	0 80	−1·36	0·76	18	1	−1 9	2·0	...	0	2	13	5	0	0	0	0	10	0	0	1	2	0	0	0	0	27	November
5·6	...	6·3	0	−0·32	0	...	0	−0·5	1·6	...	0	1	8	3	0	0	0	0	19	0	1	1	0	0	0	0	0	29	December
6·7	...	6·3	212·87	−3·36	7·42	VII	161	+16·6	2·6	...	2	36	47	98	14	18	3	12	135	4	7	5	44	43	99	11	13	139	*Year*

TABLE II-A.—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION AND MONTH.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, inches.			Relative humidity, %.		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
GYANTSE (Tibet.)	13,110																					
January	...	18·438	...	...	43·7	...	53	3, 4	10·4	...	0	21, 22	18·3	...	14·5	...	·058	...	...	55	...	...
February	...	18·368	...	...	41·7	...	52	18	9·9	...	0	19	19·0	...	14·8	...	·058	...	...	55	...	...
March	...	18·385	...	...	54·0	...	72?	24	22·7	...	12	19	34·5	...	25·3	...	·065	...	...	33	...	...
April	...	18·514	...	...	58·0	...	63	22, 26, 27	28·7	...	19	3	41·2	...	34·9	...	·147	...	...	56	...	...
May	...	18·484	...	...	63·4	...	77	26	37·9	...	30	2	48·6	...	42·3	...	·210	...	...	62	...	...
June	...	18·461	...	...	72·2	...	79	16	45·2	...	43	6 days	56·5	...	49·0	...	·281	...	...	62	...	...
July	...	18·480	...	...	67·6	...	80	2	45·3	...	35	21	52·8	...	47·7	...	·290	...	...	72	...	...
August	...	18·487	...	...	70·8	...	81	22	45·6	...	41	27	55·0	...	47·8	...	·273	...	...	63	...	...
September	...	18·527	...	...	70·3	...	76	2, 6, 7	41·2	...	32	26	53·1	...	45·1	...	·229	...	...	57	...	...
October	...	18·536	...	...	63·9	...	72	4 days	30·1	...	19	30	42·7	...	35·3	...	·138	...	...	51	...	...
November	...	18·449	...	...	51·9	...	65	8	17·7	...	9	21	27·7	...	21·0	...	·064	...	...	48	...	..
December	...	18·507	...	...	49·8	...	58	7	9·8	...	3	13	19·1	...	15·5	...	·062	...	..	60	...	...
Year	...	18·470	...	...	58·9	...	81	VIII	28·7	...	0	I, II	39·0	...	32·8	..	·156	...	...	56	...	...
***KASHGAR (Eastern Turkistan.)**	4,296																					
January	...	25·53	—·19	...	25·9	—8·2	39	29	9·0	—3·2	0	20	11·9	...	...	...	...	...	...	...	...	...
February	...	25·47	—·19	...	34·6	—8·6	52	28	17·6	—2·2	5	6	21·2	...	...	...	...	...	...	...	...	...
March	...	25·35	—·23	...	50·7	—6·8	70	31	29·5	—5·6	8	8	36·4	...	(*k*) 38·1	...	(*k*) ·171	(*k*) +·018	...	(*k*) 64	(*k*) +7	...
April	...	25·38	—·15	..	74·2	+2·2	85	18	49·9	+1·4	40	1	59·0	...	49·6	...	·251	+·036	...	50	+3	..
May	...	25·33	—·19	...	88·5	+6·5	96	13	58·5	+0·6	46	30	71·3	...	62·0	...	·445	+·135	...	59	+17	...
June	...	25·35	—·08	..	88·3	—1·5	94	4	57·1	—7·0	42	9	70·1	...	60·6	...	·426	+·035	...	59	+15	...
July	...	25·20	—·19	...	90·6	—1·9	101	21	66·3	—1·4	58	1	75·8	...	63·8	...	·456	—·006	...	54	+5	...
August	...	25·28	—·19	...	87·7	—2·8	97	8	64·7	—1·0	57	20	72·1	...	66·3	...	·568	+·104	...	74	+20	...
September	...	25·38	—·21	...	79·5	—4·3	85	30	55·2	—1·8	43	25	63·5	...	54·8	...	·334	—·009	...	57	+2	...
October	...	25·47	—·23	...	69·9	—1·0	89	1	45·2	+2·5	33	30	52·8	...	45·8	...	·230	+·024	...	58	+1	...
November	...	25·59	—·16	...	52·0	—1·3	68	2	28·5	0	20	29	33·8	...	29·6	...	·125	—·010	...	63	—4	...
December	...	25·50	—·27	...	36·8	—0·5	55	3	17·8	+1·1	9	31	21·2	...	19·3	...	·085	+·003	...	77	—2	...
Year	...	25·40	—·19	...	64·9	—2·3	101	VII	41·6	—1·4	0	I	49·1	...	...	...	...	...	...	...	...	...
KABUL (Afghanistan).	5,955																					
January	...	24·294	...	..	34·7	...	40	7, 27, 28	17·8	...	8	3	22·2	...	20·1	...	·088	...	...	73	...	...
February	...	24·252	...	...	35·9	...	46	23	16·5	...	—5	17	22·5	...	20·4	...	·091	...	...	73	...	...
March	...	24·205	...	...	50·5	...	61	31	33·8	...	26	17	38·1	...	34·2	...	·150	...	...	69	...	...
April	...	24·247	...	..	69·8	...	81	21, 23	45·7	...	37	8	56·7	...	47·6	...	·230	...	...	52	...	...
May	...	24·178	...	...	84·1	...	93	23	55·7	...	47	1	69·8	...	53·9	...	·233	...	...	32	...	...
June	...	24·074	...	...	86·3	...	93		55·5	...	42	14	72·6	...	54·5	...	·225	...	...	27	...	...
July	...	24·067	...	...	91·3	...	101	20	60·5	...	53	1	76·1	...	58·6	...	·297	...	...	32	...	...
August	...	24·096	...	...	92·1	...	97	12, 15, 16	59·0	...	50	1	74·4	...	56·1	...	·235	..	...	29	...	...
September	...	24·208	...	...	84·3	...	93	30	51·4	...	43	6	64·8	...	47·6	...	·140	...	..	22	...	...
October	...	24·279	...	...	74·5	...	89	1	41·7	...	32	25	51·2	...	38·6	...	·095	...	...	26	...	...
November	...	24·333	...	...	58·8	...	75	9, 10	29·4	...	5	29, 30	35·3	...	29·0	...	·093	...	...	49	...	...
December	...	24·325	...	...	40·8	...	57	14	22·5	...	5	22	27·7	...	25·0	...	109	...	...	71	...	...
Year	...	24·219	...	...	66·9	...	101	VII	40·8	...	—5	II	50·9	...	40·5	...	·165	...	...	46	...	...

*Aneroid.
(*k*) Mean of 20 days.

HRS. (L. M. T.) AND 17 HRS. (I. S. T.) FOR EACH MONTH AND THE YEAR 1938.

Cloud amount, (tenths of sky.)			Rainfall, inches.				Number of rainy days. (0·10" or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION AND MONTH.
											8 hrs. L. M. T.									17 hrs. I. S. T								
Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													GYANTSE. (Tibet.)
1·5	...	...	0·06	...	0·06	11	0	...	3·9	...	1	0	3	1	2	0	0	0	24	...	...	...	...	...	...	...	...	...	January
1·3	...	...	0·19	...	0·09	25	0	...	4·5	...	1	0	1	3	6	0	1	0	16	...	...	...	...	...	...	...	...	...	February
1·5	...	...	0·03	...	0·03	16	0	...	5·0	...	5	0	0	1	3	1	3	0	18	...	...	...	...	...	...	...	...	...	March
1·3	...	...	0	...	0	...	0	...	4·2	...	5	0	0	1	8	2	1	0	13	...	...	...	...	...	...	...	...	...	April
2·2	...	...	1·44	...	0·36	10	7	...	3·5	...	4	1	0	0	1	1	0	0	24	...	...	...	...	...	...	...	...	...	May
2·6	...	...	2·84	...	1·13	10	8	...	2·5	...	1	0	0	2	3	0	0	0	24	...	...	...	...	...	...	...	...	...	June
3·3	...	...	7·28	...	1·26	21	18	...	2·0	...	0	0	0	2	2	0	0	4	23	...	...	...	...	...	...	...	...	...	July
5·4	...	...	2·19	...	0·59	9	8	...	1·5	...	1	0	1	6	2	0	0	0	21	...	...	...	...	...	...	...	...	...	August
3·0	...	...	0·28	...	0·21	3	1	...	2·5	...	0	0	3	10	1	0	1	1	14	...	...	...	...	...	...	...	...	...	September
0·1	...	...	0	...	0	...	0	...	3·9	...	0	0	3	15	6	0	0	0	7	...	...	...	...	...	...	...	...	...	October
0·2	...	...	0·03	...	0·03	9	0	...	3·4	...	0	0	1	6	1	0	0	0	22	...	...	...	...	...	...	...	...	...	November
0·2	...	..	0	...	0	...	0	...	2·7	...	0	0	0	3	1	0	0	0	27	...	...	...	...	...	...	...	...	...	December
1·9	...	...	14·34	...	1·26	VII	42	...	3·3	...	18	1	12	50	36	4	6	5	233	...	...	...	...	...	...	...	...	...	*Year*
																													***KASHGAR. (Eastern Turkistan).**
5·7	+0·6	...	1·29	+1·12	0·32	20	5	+4·2	1·0	+0·5	0	0	0	0	0	0	0	0	31	...	...	...	...	...	...	...	...	...	January
3·4	—1·2	...	0	—0·17	0	...	0	—0·5	1·1	+0·3	4	0	1	0	0	0	3	0	20	...	...	...	...	...	...	...	...	...	February
4·3 (c)	—0·9	...	0·85	+0·54	0·60	6	2	+1·3	2·3	+0·7	7	1	0	0	0	0	2	1	20	...	...	...	...	...	...	...	...	...	March
1·7 (d)	—2·9	...	0	—0·24	0	...	0	—0·9	2·7	+0·4	2	1	0	0	0	0	1	0	26	...	...	...	...	...	...	...	...	...	April
2·9 (a)	—0·4	...	0	—0·65	0	...	0	—1·2	3·3	+0·8	3	1	1	0	3	0	2	1	20	...	...	...	...	...	...	...	...	...	May
2·9	+0·5	...	0·40	+0·13	0·40	27	1	+0·2	3·4	+0·5	3	2	0	0	1	1	1	0	22	...	...	...	...	...	...	...	...	...	June
2·6 (c)	—0·2	...	0·81	+0·57	0·34	29	4	+3·2	3·4	+0·6	0	0	1	1	1	4	0	1	23	...	...	...	...	...	...	...	...	...	July
4·8	+1·3	...	0·13	—0·40	0·07	12	0	—1·6	2·6	+0·6	0	1	2	1	1	2	0	0	24	...	...	...	...	...	...	...	...	...	August
5·3 (b)	+2·8	...	0·40	+0·13	0·30	17	1	+0·3	2·5	+1·1	1	1	1	2	1	3	0	0	21	...	...	...	...	...	...	...	...	...	September
2·9 (a)	+0·6	...	0·07	+0·05	0·05	5	0	—0·1	1·7	+0·7	2	3	2	0	0	0	0	0	24	...	...	...	...	...	...	..	...	...	October
4·6 (b)	+1·9	...	0	—0·15	0	...	0	—1·1	1·3	+0·7	0	1	0	0	0	0	0	0	29	...	...	...	...	...	...	...	...	...	November
5·2	+0·9	...	0	—0·14	0	...	0	—0·4	1·1	+0·6	0	1	0	0	0	0	1	0	29	...	...	...	...	...	...	...	...	...	December
3·9	+0·3	...	3·95	+0·79	0·60	III	13	+3·4	2·2	+0·6	22	12	8	4	7	10	10	3	289	...	...	...	...	...	...	...	...	...	*Year*
																													Kabul (Afghanistan)
5·9	...	...	1·64	...	0·45	13	6	...	6·3	...	3	0	1	1	8	7	5	5	1	...	...	...	...	...	...	...	...	...	January
6·1	...	...	1·64	...	0·85	12	6	...	6·6	..	4	3	0	2	6	6	3	4	0	...	...	...	...	...	...	...	...	...	February
4·7	...	...	5·52	...	1·62	16	10	...	5·5	...	2	1	1	1	8	10	3	3	2	...	...	...	...	...	...	...	...	...	March
4·0	...	...	1·37	...	0·45	12	4	...	3·8	...	1	2	0	2	9	9	4	3	0	...	...	...	...	...	...	...	...	...	April
1·6	...	...	0·09	...	0·06	4	0	...	4·0	...	2	2	0	2	10	8	3	4	0	...	...	...	...	...	...	...	...	...	May
0·3	...	...	0·03	...	0·03	2	0	...	3·9	...	5	4	0	2	5	5	5	4	0	...	...	...	...	...	...	...	...	...	June
1·4	...	...	0	...	0	...	0	...	3·7	...	3	2	4	4	4	5	5	4	0	...	...	...	...	...	...	...	...	...	July
0·6	...	...	0·02	...	0·01	29·30	0	...	3·5	...	3	3	1	2	6	5	6	5	0	...	...	...	...	...	...	...	...	...	August
0·2	...	...	0	...	0	...	0	...	3·6	...	2	1	1	0	7	8	6	5	0	...	...	...	...	...	...	...	...	...	September
0·6	...	...	0	...	0	...	0	...	3·7	...	1	0	0	0	9	14	5	2	0	...	...	...	...	...	...	...	...	...	October
2·6	...	...	0·89	...	0·54	28	2	...	3·2	...	3	1	0	1	9	8	2	6	0	...	...	...	...	...	...	...	...	...	November
5·2	...	...	1·69	...	0·85	21	3	...	3·9	...	4	1	0	1	9	10	3	3	0	...	...	...	...	...	...	...	...	...	December
2·8	...	...	12·89	...	1·62	III	31	...	4·3	...	33	20	8	18	90	95	50	48	3	...	...	...	...	...	...	...	...	...	*Year*

(a) Mean of 30 days.
(b) Mean of 29 days.
(c) Mean of 28 days.
(d) Mean of 19 days.

TABLE III.—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity, %.		
		Mean 4 hrs.	Departure from normal.	Mean 12 hrs.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 4 hrs.	Mean 12 hrs.	Mean 4 hrs.	Mean 12 hrs.	Mean 4 hrs.	Departure from normal.	Mean 12 hrs.	Mean 4 hrs.	Departure from normal.	Mean 12 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Iran																						
⊕Charbar	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jask	13	29·778	...	29·708	85·7	—1·0	103	VIII, IX	73·4	+0·2	54	XII	77·5	83·8	70·7	75·0	·885	...	·770	71	...	65
Bandar Abbas	29	29·770	...	29·679	89·3	...	114	VII	...	...	...	...	80·1	86·0	72·7	76·8	·747	...	·837	69	...	65
Bushire	14	29·769	...	29·728	82 2	+0 3	110	VII	68·7	+0·2	43	II	73·0	80·0	69·0	74·8	·700	...	·837	82	...	78
Ispahan	5,817	24·41*	...	24·36*	72·9	—0·7	103	VII, VIII	46·1	+0·1	17	II	53·6	71·7	44·4	52·6	·221	...	·219	52	...	29
Meshed	3,104	26·61*	...	26·54*	72·6	+2·9	101	VIII	43·0	—0·6	19	I, XI	54·5	69·0	46·2	53·5	·241	...	·253	59	...	39
Seistan	...	28·222	...	28·129	84·2	+2·2	111	VII	56·6	+0·6	23	XI	63·9	80·9	53·9	63·3	·323	...	·408	53	...	37
Arabia																						
Bahrain	8	29·797	...	29·755	85 3	+2·1	112	IX	72·5	+0·4	50	II	77·1	82·8	71·7	74·5	·735	...	·774	77	...	67
Muscat	15	29·770	...	29·710	85·7	—0·7	107	VI	76·0	—2·1	59	II	80·0	82·1	73·0	75 8	·728	...	·815	72	...	75
Sharjah	18	29·783	...	29·719	88·7	...	117	VII	68·1	...	45	II	74·5	85·1	66·6	73·5	·569	...	·691	67	...	56

* Aneroid. ⊕ Data not available for the complete year; hence no annual means.

AT 4 AND 12 HRS. (G. M. T.) FOR THE YEAR 1938.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days. (0-10" or more)		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from																	
											4 hrs.									12 hrs.									STATION.
Mean 4 hrs.	Departure from normal.	Mean 12 hrs.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	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
																													Iran.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	⊕Charbar.
2·5	...	2·2	2·20	−2·31	0·78	I	6	−3·2	9·1	+1·1	46	87	126	8	2	5	33	44	14	2	1	13	66	77	109	94	3	0	Jask
2·5	...	1·8	4·21	...	1·41	I	6	...	6·8	...	54	129	32	25	12	6	12	37	57	0	2	10	95	180	71	5	0	1	Bander Abbas.
2·5	...	2·2	13·30	+2·62	4·26	XII	23	+4·8	9·2	+3·4	67	58	65	65	13	5	10	51	29	15	10	2	17	27	49	98	146	1	Bushire.
2·5	...	3·5	6·85	+2·34	1·10	XII	19	+5·9	2·4	+0·2	12	7	3	3	2	22	20	18	278	16	37	40	20	8	53	29	21	140	Ispahan.
3·6	...	3·7	8·18	−1·04	0·90	XI	21	−2·6	1·9	+0·6	8	1	8	11	2	0	1	6	328	6	2	82	48	1	0	1	8	217	Meshed.
1·2	...	1·4	1·14	−0·88	0·25	I	5	−2·1	6·6	−1·7	3	0	0	0	0	0	0	187	175	2	0	0	0	0	0	0	148	215	Seistan.
																													Arabia.
2·6	...	2·5	2·25	−0·73	0·59	XII	8	+1·0	7·1	...	41	12	8	43	28	31	45	120	37	140	31	51	36	6	3	2	96	0	Bahrain.
1·5	...	1·6	1·19	−2·98	0·50	XII	3	−5·8	3·9	+0·7	11	11	7	16	6	4	32	84	194	18	135	10	35	7	0	5	101	54	Musea.
2·4	...	2·3	2·28	...	0·80	I	5	...	6·6	...	2	3	27	123	123	17	14	5	51	59	10	6	1	2	22	111	154	0	Sharjah.

TABLE IV.—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS FOR THE YEAR 1938.

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative humidity. %		Mean cloud amount 8 hrs. L. M. T.	Rainfall,—inches.				Number of rainy days. (0·10" or more)		Wind
	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	Month.	Total in the year.	Departure from normal.	Resultant direction 8 hrs. L. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Assam																						
Lumding	84·5	0	102	IV	65·7	+1·2	38	II	0·	67·9	·676	...	87	...	...	48·86	—2·26	3·37	V	72	—13·5	...
Bengal																						
Pabna	...	...	...	...	69·7	+1·9	49	II	76·3	72·7	·780	+·029	84	+3	...	87·29	+26·33	8·47	V	94	+10·0	...
Punjab, East and North																						
Gurdaspur	...	...	...	...	...	...	...	...	69·2	61·9	·501	...	69	...	3·5	35·22	...	3·34	VIII	38	...	...
Kashmir																						
Jammu	...	...	112	V, VI	67·1	+2·0	42	II	71·3	61·1	·443	—·081	55	—4	3·2	42·21	—0·73	2·73	VII	52	+1·2	...
Kargil	57·2	—2·7	96	VIII	36·4	+4·2	-13	II	42·9	37·4	·221	...	73	...	4·8	14·96	+5·79	1·80	II	41	+19·7	...
N.-W.F. Province																						
Bannu	88·2	+1·0	117	V	63·8	+2·0	34	II	72·7	60·3	·406	— 028	49	—5	2·4	7·05	—4·43	0·80	III	23	+0·9	...
Wana	76·7	...	102	VI, VII	49·0	...	8	I	61·1	49·6	·270	...	48	...	1·6	...	...	...	...	...	...	...
Hyderabad, North																						
Bidar	86·6	—2·1	106	V	69·1	+1·1	57	XII	75·1	67·4	·580	— 003	67	+2	4·9	40·28	+2·53	3·96	VIII	71	+16·6	...
Mysore																						
Nandi	74·7	...	88	V	60·1	...	50	XII	64·0	61·1	·507	...	85	...	...	40·69	...	5·94	VIII	52	...	...
Tibet																						
Yatung (Chumbi.)	58·6	+3·3	71	VI	34·5	—1·9	8	II	41·6	40·4	·266	+·009	91	+5	3·7	37·18	—5·72	1·77	VI	101	—4·6	...
Iran																						
Zahidan	79·1	...	107	VII	49·3	...	18	I	64·7	52·8	·296	...	50	...	0·8	3·28	...	1·36	I	9	...	...

TABLE V.—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS FOR THE YEAR 1938.

DIVISION.	STATION.	Rainfall,—inches.				Number of rainy days, (0·10" or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10 or more	
		Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	month.	Total in the year.	Departure from normal.			Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	Month.	Total in year.	Departure from
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Bengal	Bankura	42·60	—14·40	3·32	VIII	62	—12·3	Kashmir	Sonamarg	89·80	+18·41	3·07	XII	95	—10
	Rampur Boalia	74·20	+18·10	5·52	IX	77	+2·4		Gurez	59·97	...	3·75	II	94	...
	Sirajganj	76·90	+12·51	7·20	IX	82	—0·8	Baluchistan	Harnai	11·47	—1·87	1·35	VII	27	+3
	Rangpur	83·00	+0·97	8·53	V	85	+1·8								
	Cooch Behar	149·28	+2·27	10·70	V	111	+6·1	Rajputana, East	Udaipur	21·70	—2·08	2·50	VIII	27	—5
Bihar	Muzaffarpur	71·16	+22·31	7·78	VI	76	+19·1	Bombay, Deccan	Khandala	226·73	...	10·30	X	120	...
	Chapra	50·71	+6·29	4·88	VII	63	+9·3	Hyderabad, North	Parbhani	42·86	+9·89	5·36	IX	60	+15
	Arrah	50·45	+4·83	5·25	VIII	65	+8·7	Madras, Southeast	Palamcottah	30·56	+2·22	3·14	XI	49	+7
	Dehri	40·85	—1·62	4·90	VI	53	—1·8	Madras, Deccan	Anantapur	29·49	+4·45	3·24	VIII	42	+6
United Provinces, West	Meerut	20·72	—11·24	2·96	VII	33	—5·5								
Punjab, East and North	Dharampore	58·25	...	6·90	VIII	62	...	Sikkim†	Lachung	72·37	+7·44	1·97	VII	162	+0
	*Kyelang	...	...	...	...	...	...								
	Dalhousie	76·19	—8·31	6·28	VII	83	—4·9								

*Data not available for complete year, hence no annual totals.
† The station Gnatong in Sikkim closed during the year.

TABLE VI.—ABSTRACT OF OBSERVATIONS RECORDED AT 12-30 HRS. (I. S.T.) AND CORRECTED DAILY MEANS AT 15 FIRST CLASS STATIONS IN INDIA DURING EACH MONTH AND THE YEAR 1938.

Station, height of bar. cistern above mean sea level in feet and month.	Pressure reduced to 32° F. and standard gravity, inches.			Temperature of air, °F.			Wet bulb temperature, °F.		Vapour pressure, inches.				Relative humidity, %				Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.) Number of winds from									
	Mean 12-30 hrs. (I. S. T.)	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.)	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 12-30 hrs. (I. S. T.)	From minimum.	Mean 12-30 hrs. (I. S. T.)	Mean of daily means.	Departure from normal.	From minimum.	Mean 12-30 hrs. (I. S. T.)	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.)	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Calcutta (21)																										
January	29·961	29·961	—·002	78·5	68·9	+3·6	57·5	65·7	·456	·463	·496	+·078	92	48	74	+5	2·7	5	4	2	2	2	4	2	8	2
February	29·912	29·905	+·003	80·4	69·1	—1·2	55·6	63·3	·414	·362	·416	—·050	84	35	61	—3	1·8	7	2	1	1	1	2	5	6	3
March	29·708	29·701	—·100	95·1	84·0	+4·7	69·6	74·0	·678	·559	·707	+·081	82	34	66	+1	1·4	1	3	1	1	2	9	10	1	3
April	29·682	29·677	—·019	97·9	88·6	+3·5	74·3	79·2	·778	·751	·805	+·020	77	43	65	—3	2·2	2	1	0	1	10	10	4	2	0
May	29·543	29·535	—·071	89·4	84·8	—0·8	74·5	80·5	·821	·920	·902	+·043	88	67	78	+6	7·5	1	5	4	2	5	10	1	1	2
June	29·497	29·495	+·001	87·9	84·6	0	78·2	81·6	·943	·993	·972	+·018	93	76	84	+4	8·7	0	0	2	9	6	8	2	[illegible]	3
July	29·502	29·500	+·015	86·8	84·2	+1·1	78·3	81·1	·937	·981	·976	+·016	94	78	86	+1	9·0	0	0	3	7	8	9	1	0	3
August	29·550	29·546	+·010	87·0	83·8	+1·1	77·7	81·0	·937	·974	·964	+·004	93	77	86	0	8·3	0	1	2	7	9	9	2	0	1
September	29·612	29·615	—·022	89·1	86·3	+2·2	78·6	81·2	·969	·947	·975	+·033	94	71	82	—2	7·6	1	1	2	8	5	8	1	0	4
October	29·721	29·733	—·052	89·3	82·5	+2·1	73·5	77·3	·790	·763	·828	+·031	93	57	77	—3	4·4	4	2	6	3	3	5	2	3	3
November	29·884	29·897	—·012	82·2	73·3	+0·6	62·2	67·9	·535	·489	·541	—·018	90	46	71	—1	4·1	9	3	1	0	0	1	5	9	2
December	29·915	29·928	—·045	78·1	66·3	+0·7	53·0	62·9	·382	·374	·401	—·020	91	38	66	—3	0·4	12	1	0	0	0	1	0	17	0
Year	29·707	29·708	—·024	86·8	79·6	+1·5	69·4	74·6	·720	·715	·749	+·020	89	56	75	0	4·8	42	23	24	41	51	76	35	47	26
Agra (554)																										
January	29·455	29·434	—·005	66·4	56·8	—1·5	...	55·2	...	·292	·307	...	...	45	65	...	5·7	4	2	4	5	2	1	2	9	2
February	29·407	29·376	—·007	73·2	60·3	—2·2	...	55·4	...	·209	·217	...	...	25	41	...	1·7	3	0	0	1	3	2	7	8	4
March	29·225	29·190	—·085	89·9	76·1	+2·5	...	61·3	...	·160	·195	...	...	11	25	...	1·7	2	0	0	0	1	4	8	15	1
April	29·175	29·139	—·005	100·9	86·6	+0·8	...	66·0	...	·172	·207	...	...	9	19	...	1·4	1	0	2	1	1	6	12	7	0
May	28·966	28·933	—·101	105·1	96·0	+3·7	...	73·4	...	·397	·420	...	...	18	27	...	0·8	4	3	2	4	1	2	5	9	1
June	28·909	28·879	—·042	96·2	90·5	—2·8	...	78·7	...	·744	·773	...	...	46	58	...	6·2	3	4	3	4	1	0	7	7	1
July	28·920	28·892	—·017	91·8	87·4	+1·7	...	80·3	...	·878	·893	...	...	61	71	...	7·5	4	3	4	4	1	3	3	6	3
August	28·996	28·968	—·010	89·1	84·8	+1·0	...	80·5	...	·940	·932	...	...	68	76	...	8·1	1	3	4	3	0	4	1	8	7
September	29·088	29·061	—·035	96·1	85·5	+2·3	...	75·6	...	·618	·664	...	...	37	53	...	4·1	5	2	2	2	0	0	6	9	4
October	29·214	29·198	—·076	92·4	79·2	+2·9	...	68·8	...	·392	·413	...	...	28	42	...	2·0	3	2	5	4	2	1	3	9	2
November	29·404	29·388	—·008	80·1	64·5	—1·2	...	57·9	...	·189	·210	...	...	19	36	...	0·6	6	2	0	0	2	1	5	8	6
December	29·440	29·420	—·041	72·1	57·6	—2·1	...	54·5	...	·200	·216	...	...	25	46	...	2·6	6	0	1	1	1	1	5	11	5
Year	29·183	29·156	—·036	87·8	77·1	+0·4	...	67·3	...	·433	·454	...	...	33	47	...	3·5	42	21	27	29	15	25	64	106	36
***New Delhi (714)**																										
January	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
August	28·817	28·793	...	93·2	87·1	...	...	79·4	...	·799	·819	...	...	53	58	...	6·8	2	2	7	7	0	2	6	4	1
September	28·918	28·897	...	96·4	86·7	...	...	73·8	...	·534	·544	...	...	32	37	...	1·6	5	2	2	2	1	1	8	8	1
October	29·054	29·041	...	91·5	79·4	...	...	67·3	...	·339	·364	...	...	24	29	...	1·4	6	4	2	3	1	0	6	9	0
November	29·233	29·221	...	79·0	63·7	...	...	56·9	...	·172	·187	...	...	18	24	...	0·5	3	1	0	1	1	2	5	14	3
December	29·262	29·246	...	70·4	56·8	...	...	52·7	...	·170	·175	...	...	22	32	...	2·8	2	1	0	3	1	1	11	10	2
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

*12·30 hrs. observations started from 1st August.

TABLE VI.—ABSTRACT OF OBSERVATIONS RECORDED AT 12-30 HRS. (I. S. T.) AND CORRECTED DAILY MEANS AT 15 FIRST CLASS STATIONS IN INDIA DURING EACH MONTH AND THE YEAR 1938.

Station, height of bar. cistern above mean sea level in feet and month.	Pressure reduced to 32 °F and standard gravity, inches.			Temperature of air, °F.			Wet bulb temperature, °F.		Vapour pressure, inches.				Relative humidity %				Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.) Number of winds from								
	Mean 12-30 hrs. (I. S. T.)	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.)	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 12-30 hrs. (I. S. T.)	From minimum.	Mean 2-30 hrs. (I. S. T.)	Mean of daily means.	Departure from normal.	From minimum.	Mean 12-30 hrs. (I. S. T.)	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.)	N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Lahore (702)																										
January	29·322	29·295	+·004	60·0	50·6	—1·9	...	51·7	...	·273	·269	...	...	54	75	...	5·2	5	0	1	3	2	0	5	12	3
February	29·266	29·227	—·019	64·5	55·4	—1·4	...	54·3	...	·291	·293	...	...	48	67	...	3·7	2	1	0	2	0	2	5	14	2
March	29·085	29·045	—·087	79·9	69·3	+1·4	...	61·4	...	·298	·308	...	...	30	46	...	3·1	3	5	1	1	0	0	7	12	2
April	29·031	28·995	—·005	94·3	81·3	+1·7	...	67·7	...	·323	·370	...	...	21	37	...	3·2	4	4	2	2	4	2	4	6	2
May	28·796	28·758	—·112	105·3	92·9	+5·5	...	74·2	...	·430	·463	...	...	20	32	...	0·8	1	3	1	5	4	4	5	7	1
June	28·754	28·711	—·027	95·1	88·9	—2·8	..	78·9	...	·769	·792	...	...	49	60	...	2·9	1	4	2	15	1	2	2	2	1
July	28·739	28·703	—·030	98·6	91·8	+3·6	...	80·3	...	·771	·803	...	...	45	57	...	3·0	3	4	3	9	3	3	4	1	1
August	28·811	28·776	—·023	96·6	89·8	+3·4	...	80·2	...	·798	·826	..	...	47	62	...	3·4	0	6	2	10	2	2	3	5	1
September	28·935	28·895	—·042	97·4	86·9	+2·8	...	74·4	...	·527	·556	...	...	31	46	...	0·6	2	3	3	2	0	4	8	7	1
October	29·083	29·051	—·063	90·1	76·2	+1·2	...	66·8	...	·345	·410	...	...	25	48	...	0·5	1	4	2	1	2	2	9	8	2
November	29·263	29·239	—·012	76·8	61·7	—0·8	...	60·0	...	·290	·316	...	...	33	60	...	0·7	3	3	1	5	1	2	6	9	0
December	29·289	29·263	—·057	68·5	54·3	0	...	54·5	...	·247	·254	...	...	35	64	...	3·2	3	1	0	2	1	1	9	10	4
Year	29·031	28·997	—·039	85·6	74·9	+1·0	...	67·0	...	·447	·472	...	...	37	55	...	2·5	28	38	18	57	20	24	67	93	20
Srinagar (5,205)																										
January	24·971	24·955	—·004	31·5	27·4	—3·3	...	30·4	...	·158	·150	...	...	89	98	...	9·4	2	3	0	5	7	4	6	1	3
February	24·938	24·916	+·011	32·2	28·6	—4·4	...	31·2	...	·165	·157	..	...	91	98	...	9·1	3	1	1	11	8	1	1	2	0
March	24·848	24·825	—·047	48·1	3·2	—2·2	...	43·7	...	·236	·229	...	...	72	82	...	6·5	3	1	0	1	3	4	12	7	0
April	24·875	24·856	+·004	63·4	57·0	+1·2	...	53·2	...	·290	·315	...	...	52	67	...	5·0	2	1	1	3	7	4	9	2	1
May	24·719	24·706	—·076	77·8	68·6	+4·5	...	62·0	...	·376	·391	...	...	40	53	...	1·8	2	2	0	6	2	3	10	5	1
June	24·643	24·614	—·050	76·2	70·6	0	...	64·4	...	·466	·471	...	...	53	60	...	5·0	3	2	1	4	4	2	6	6	2
July	24·602	24·577	—·021	83·4	75·6	+2·1	...	68·1	...	·510	·520	...	...	46	56	...	2·7	3	2	1	6	4	4	4	6	1
August	24·646	24·621	—·015	80·7	73·2	+1·8	...	68·5	...	·556	·557	...	...	54	65	...	4·5	6	2	2	2	1	2	4	10	2
September	24·784	24·758	—·013	75·6	64·3	—1·3	...	60·1	...	·340	·354	...	...	39	55	...	2·7	3	2	1	0	1	3	8	8	4
October	24 872	24·857	—·046	66·0	54·6	—0·1	...	53·1	...	·261	·271	...	...	42	61	...	1·8	8	3	0	0	2	6	3	7	2
November	24·932	24·919	—·045	53·1	41·5	—3·6	...	42·6	...	·153	·158	...	...	39	61	...	2 2	3	3	0	1	0	1	16	4	2
December	24·986	24·972	—·017	42·8	36·1	—0·3	...	37·1	...	·158	·151	..	...	60	74	...	7·5	5	1	1	7	4	4	3	5	1
Year	24·818	24·798	—·027	60·9	53·4	—0·5	...	51·2	...	·306	·310	...	...	56	69	...	4·9	43	23	8	46	43	38	82	63	19
Peshawar (1,164)																										
January	28·888	28·861	—·004	56·8	47·6	—2·9	...	49·3	...	·254	·254	...	...	56	76	...	6·5	1	2	1	3	5	1	1	0	17
February	28·830	28·795	—·023	59·9	50·8	—3·2	...	52·0	...	·288	·283	...	...	57	73	...	6·2		3	2	6	4	3	0	1	5
March	28·677	28·640	—·087	71·5	61·4	—2,0	...	58·9	...	·333	·350	...	...	45	60	...	4·2	10	1	1	0	0	1	1	8	9
April	28·630	28·600	—·010	83·1	72·6	—0·8	...	64·8	...	·371	·410	...	...	36	50	...	5·0	8	8	3	2	1	1	0	3	4
May	28·365	28·336	—·125	101·6	89·8	+6·6	...	69·7	...	·301	·326	...	...	16	26	...	2·5	5	10	6	1	0	0	0	5	4
June	28·306	28·268	—·034	95·6	88·7	—1·6	...	75·3	...	·606	·631	...	...	38	46	...	2·2	4	9	7	6	1	0	0	1	2
July	28·282	28·249	—·023	97·3	89·9	+0·3	...	76·4	...	·612	·639	...	...	39	47	...	2·9	8	12	6	3	0	2	0	0	0
August	28·349	28·316	—·026	93·9	88·6	+1·5	...	78·5	...	·779	·787	...	...	49	60	...	2·5	5	9	7	3	1	1	0	3	2
September	28·494	28·459	—.040	91·8	81·8	—0·1	...	69·8	...	·436	·465	...	...	30	44	...	0·7	2	17	8	2	0	0	0	1	0
October	28·652	28·622	—·068	84·4	72·5	+0·2	...	62·3	...	·261	·301	...	...	24	41	...	0·7	1	14	8	4	0	1	0	0	3
November	28·821	28·800	—·015	70·9	58·1	—2·3	...	53·7	...	·192	·196	...	...	25	46	...	1·9	4	9	2	2	2	0	1	2	8
December	28·858	28·832	—·050	63·1	51·7	—0·1	...	50·2	...	·188	·190	...	...	35	55	...	5 0	3	1	2	4	3	3	0	1	14
Year	28·596	28·565	—·042	80·8	71·1	—0·4	...	68·4	...	·385	·403	...	...	37	52	...	3·4	55	95	53	36	17	13	3	25	68

TABLE VI.—ABSTRACT OF OBSERVATIONS RECORDED AT 12-30 HRS. (I. S. T.) AND CORRECTED DAILY MEANS AT 15 FIRST CLASS STATIONS IN INDIA DURING EACH MONTH AND THE YEAR 1938.

Station, height of bar. cistern above mean sea level in feet and month.	Pressure reduced to 32°F and standard gravity, inches.			Temperature of air, °F.			Wet bulb temperature °F.		Vapour pressure inches.				Relative humidity %				Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.) Number of winds from								
	Mean 12-30 hrs. (I. S. T.)	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I.S.T.)	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 12-30 hrs. (I. S. T.)	From minimum.	Mean 12-30 hrs. (I.S.T.)	Mean of daily means.	Departure from normal.	From minimum.	Mean 12-30 hrs. (I.S.T.)	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I.S.T.)	N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Karachi (Drigh Road) (73)																										
January	29·991	29·958	...	70·7	62·2	...	...	54·5	...	·217	·232	...	...	28	44	...	5·6	3	12	7	1	2	0	1	0	5
February	29·930	29·889	...	76·4	66·0	...	...	57·8	...	·247	·275	...	...	26	43	...	0·6	2	5	6	1	1	3	3	4	3
March	29·761	29·720	...	85·9	75·4	...	...	67·1	...	·421	·477	...	...	35	58	...	1·8	1	2	2	2	1	8	10	3	2
April	29·718	29·687	...	93·3	81·8	...	...	70·4	...	·448	·529	...	...	30	52	...	1·2	1	0	0	1	0	10	14	2	2
May	29·504	29·478	...	93·3	86·6	...	...	77·6	...	·741	·785	...	...	49	68	...	3·1 (a)	1	0	0	0	0	14	15	1	0
June	29·403	29·383	...	92·9	88·1	...	...	81·4	...	·919	·924	...	...	59	72	...	6·0	0	0	0	0	1	16	11	2	0
July	29·425	29·409	...	87·6	83·9	...	...	79·0	...	·880	·885	...	...	68	78	...	8·4	0	0	0	0	1	15	14	1	0
August	29·490	29·471	...	85·5	82·0	...	...	77·4	...	·831	·849	...	...	69	79	...	7·8	0	1	0	1	1	10	17	1	0
September	29·613	29·592	...	87·1	81·6	...	...	76·1	...	·750	·801	...	...	60	76	...	5·0	0	0	0	0	0	15	13	2	0
October	29·728	29·709	...	92·1	80·9	...	...	71·3	...	·492	·571	...	...	36	59	...	0·8	2	0	3	0	1	8	11	5	1
November	29·919	29·895	...	83·8	71·5	...	...	59·3	...	·194	217	...	...	16	33	...	0·8	3	11	4	0	3	3	3	2	1
December	29·944	29·916	...	76·7	65·2	...	...	57·2	...	·209	·213	...	...	24	38	...	2·6	2	11	9	2	0	1	2	3	1
Year	29·702	29·676	...	85·4	77·1	...	...	69·1	...	·529	·563	...	...	42	58	...	3·6	15	42	31	8	11	103	114	26	15
Jodhpur (720)																										
January	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April	29·026	28·999	...	98·4	88·3	...	...	66·4	...	·220	·227	...	...	12	21	...	1·9	3	3	2	1	0	7	13	1	0
May	28·836	28·809	...	99·2	93·6	...	...	78·7	...	·710	·758	...	...	39	49	...	0·6	0	0	0	0	0	19	11	1	0
June	28·761	28·728	...	95·1	90·4	...	...	79·9	...	·819	·819	...	...	50	60	...	3·7	0	2	0	0	0	14	12	1	1
July	28·777	28·749	...	90·9	87·0	...	...	78·3	...	·788	·778	...	...	56	65	...	6·5	0	0	1	0	1	16	11	1	1
August	28·837	28·810	...	88·8	84·6	...	...	79·4	...	·860	·869	...	...	65	75	...	7·3	1	0	1	1	3	15	10	0	0
September	28·948	28·928	...	94·1	85·6	...	...	77·2	...	·696	·704	...	...	45	60	...	3·4	2	3	1	0	2	10	11	0	1
October	29·060	29·039	...	93·8	83·0	...	...	70·1	...	·416	·399	...	...	27	39	...	0·8	4	3	2	2	0	9	8	2	1
November	29·24.	29·222	...	82·5	69·4	...	...	59·5	...	·193	·179	...	...	19	30	...	0·5	1	5	4	4	3	4	6	1	2
December	29·254	29·234	...	76·1	64·5	...	...	57·7	...	·236	·204	...	...	26	36		3·1	1	12	6	3	1	3	0	0	5
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jaipur (1,431)																										
January	28·547	28·525	—·013	66·9	57·5	—1·5	...	53·2	...	·227	·233	...	...	34	51	...	4·7	1	3	4	4	0	4	0	7	8
February	28·511	28·477	—·015	72·0	61·0	—1·9	...	54·5	...	·199	·209	...	...	25	40	...	0·7	1	0	1	4	3	3	3	6	7
March	28·363	28·327	—·080	87·6	76·3	+2·9	...	60·7	...	·175	·194	...	...	13	24	...	1·4	2	1	0	3	3	4	7	6	5
April	28·333	28·299	—·002	97·6	84·8	0	...	65·0	...	·184	·222	...	...	11	20	...	1·4	1	0	1	0	2	8	10	4	4
May	28·140	28·107	—·091	102·7	94·0	+3·7	...	73·0	...	·414	·433	...	...	20	29	...	0·5	2	0	0	1	0	4	13	10	1
June	28·074	28·046	—·041	92·3	86·8	—2·8	...	78·0	...	·751	·767	...	...	51	61	...	4·7	3	3	5	0	1	1	7	4	6
July	28·079	28·051	—·018	91·4	86·5	+2·2	...	77·4	...	·736	·753	...	...	54	64	...	6·9	2	1	4	1	0	1	11	10	1
August	28·148	28·118	—·015	89·5	83·2	+1·2	...	77·1	...	·757	·772	...	...	56	68	...	5·7	0	2	2	1	1	5	7	9	4
September	28·252	28·223	—·035	95·2	84·6	+2·9	...	74·8	...	·589	·619	...	...	36	53	...	1·1	2	3	1	0	0	1	8	10	5
October	28·361	28·339	—·074	91·1	79·8	+2·6	...	69·6	...	·443	·458	...	...	30	45	...	0·5	5	3	4	1	1	3	4	10	0
November	28·526	28·504	—·012	79·3	66·3	—1·7	...	59·3	...	·233	·249	...	...	25	40	...	0·4	5	3	1	2	2	4	5	3	5
December	28·541	28·518	—·046	74·0	60·8	+0·2	...	56·4	...	·216	·229	...	...	27	45	...	2·1	1	2	1	1	5	1	2	5	13
Year	28·323	28·295	—·036	86·6	76·8	+0·7	...	66·6	...	·410	·428	...	...	32	45	...	2·5	25	21	24	18	18	39	77	84	59

*12·30 hrs. observations started from 1st April.

(a) Mean of 30 days.

TABLE VI.—ABSTRACT OF OBSERVATIONS RECORDED AT 12-30 HRS. (I. S. T.) AND CORRECTED DAILY MEANS AT 15 FIRST CLASS STATIONS IN INDIA DURING EACH MONTH AND THE YEAR 1938.

Station, height of bar. cistern above mean sea level in feet and month.	Pressure reduced to 32° F and standard gravity, inches.			Temperature of air, °F.			Wet bulb temperature, °F.		Vapour pressure, inches.				Relative humidity, %				Cloud. amount.	Wind direction at 12-30 hrs. (I.S.T.) Number of winds from							
	Mean 12-30 hrs (I.S.T.)	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I.S.T.)	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 12-30 hrs. (I.S.T.)	From minimum.	Mean 12-30 hrs. (I. S. T.)	Mean of daily means.	Departure from normal.	From minimum.	Mean 12-30 hrs. (I.S.T.)	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I.S.T.)	N	NE	E	SE	S	SW	W	NW
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Bombay (37)																									
January	29·911	29·884	—·010	78·4	74·1	+0·2	60·7	68·3	·451	·557	·571	0	69	57	68	0	1·4	10	1	2	3	0	0	2	13
February	29·884	29·851	—·018	79·3	74·3	—0·1	59·8	66·8	·434	·495	·535	—·046	66	49	63	—5	0·9	7	1	2	3	0	2	4	9
March	29·784	29·755	—·058	84·2	80·3	+2·1	68·9	74·4	647	·717	·733	+·037	79	61	71	—1	1·1	6	0	0	0	0	2	8	15
April	29·770	29·738	—·016	87·9	84·0	+2·3	73·4	78·0	·756	·826	·832	+·031	78	63	71	—3	1·6	3	0	0	0	0	3	12	12
May	29·683	29·660	—·053	89·1	85·8	+1·5	76·4	79·8	·846	·890	·885	+·021	81	65	72	—2	2·9	0	0	0	0	1	8	11	11
June	29·603	29·581	—·030	83·0	81·8	—1·2	75·4	78·9	·855	·933	·917	+·008	91	83	85	+4	9·1	0	0	0	1	1	12	11	5
July	29·631	29·611	+·003	82·3	81·1	+0·2	74·8	78·3	·846	·903	·894	+·003	93	83	84	—1	9·2	1	0	0	0	1	7	18	4
August	29·670	29·644	—·023	82·5	80·9	+0·8	75·1	78·1	·846	·896	·882	+·020	93	82	84	0	8·0	2	0	1	0	0	5	10	13
September	29·731	29·706	—·021	82·6	80·2	+0·2	74·0	77·8	·811	·889	·867	+·015	91	80	84	+1	6·0	6	0	1	0	0	2	8	13
October	29·781	29·763	—·020	82·3	79·0	—2·0	71·7	75·8	·750	·808	·803	—·026	88	74	81	+3	3·9	4	3	2	2	3	3	5	9
November	29·874	29·859	+·013	82·0	77·2	—1·8	65·0	70·5	·543	·602	·636	—·056	74	55	68	—2	1·6	6	10	2	1	1	0	3	7
December	29·874	29·854	—·035	81·2	76·5	+0·8	63·9	68·9	·515	·539	·613	+·012	72	51	67	—1	2·8	2	14	7	2	1	0	0	5
Year	29·766	29·742	—·022	82·9	79·6	+0·3	69·9	74·6	·692	·755	·764	+·002	81	67	75	0	4·0	47	29	17	12	8	44	92	116
Poona (1,834)																									
January	28·087	28·072	0	84·1	72·2	+2·9	...	63·2	...	·319	·350	...	...	27	49	...	1·9	1	1	7	7	2	2	5	1
February	28·062	28·038	—·005	82·9	70·4	—3·0	...	60·4	...	·247	·297	...	...	22	41	...	1·0	0	5	4	7	2	0	3	2
March	27·976	27·954	—·040	94·0	80·0	+0·2	...	66·0	...	·293	·373	...	..	18	40	...	1·9	1	4	6	4	0	1	2	1
April	27·972	27·947	+·012	96·8	83·5	—0·4	...	67·3	...	·300	·415	...	...	17	39	...	3·2	0	7	1	10	0	3	1	4
May	27·875	27·860	—·040	93·1	82·6	—1·3	...	71·2	...	·487	·605	...	...	32	57	...	2·8	2	1	1	1	1	9	4	10
June	27·821	27·806	—·019	80·2	75·3	—3·8	...	73·2	...	·725	·739	...	...	72	84	...	8·8	0	0	0	0	1	9	19	1
July	27·839	27·820	+·004	79·0	74·3	—1·1	...	73·2	...	·739	·724	...	...	75	85	...	8·8	0	0	0	0	0	10	19	2
August	27·870	27·853	—·008	79·9	74·6	+0·4	...	73·0	...	·726	·714	...	...	72	84	...	8·8	0	0	0	0	1	6	20	3
September	27·916	27·906	—·016	82·4	74·8	+0·1	...	72·9	...	·689	·703	...	...	63	81	...	7·9	2	0	3	1	0	1	16	3
October	27·982	27·969	—·023	82·6	73·8	—2·5	...	69·0	...	·543	·598	...	...	51	72	...	4·5	2	2	6	6	0	3	7	1
November	2 ·075	28·060	+·014	82·7	71·2	—0·9	...	62·8	...	·324	·380	...	...	29	50	..	2·2	1	4	11	10	0	0	0	0
December	28·074	28·063	—·025	80·6	67·9	—0·5	...	61·2	...	·294	319	...	...	28	49	...	3·5	0	1	13	10	0	0	0	0
Year	27·962	27·946	—·012	84·9	75·1	—0·8	...	67·8	...	·474	·518	...	...	42	61	...	4·6	9	25	52	56	7	44	96	28
Bangalore (3,021)																									
January	26·944	26·932	+·014	78·3	69·1	+2·5	...	60·8	...	·331	·398	...	...	35	57	...	2·8	0	2	22	7	0	0	0	0
February	26·904	26·885	—·016	82·3	74·6	+3·4	...	65·1	...	·421	·456	...	...	39	55	...	4·1	0	0	7	12	4	3	2	0
March	26·845	26·826	—·038	88·1	78·3	+2·5	...	64·4	...	·334	·395	...	...	26	44	...	3·7	1	4	8	12	3	1	0	2
April	26·838	26·817	+·007	88·8	80·4	+1·3	...	67·4	...	·424	·491	...	..	31	49	...	4·9	1	7	5	5	2	4	1	5
May	26·771	26·754	—·021	86·5	79·1	+1·3	...	68·9	...	·501	·542	...	...	41	56	...	5·5	1	0	0	0	0	2	14	14
June	26·754	26·745	—·010	79·7	73·0	—0·4	...	67·9	...	·546	·574	...	...	54	72	...	9·5	0	0	0	0	0	4	24	2
July	26·762	26·753	—·007	77·1	71·8	+0·4	...	67·7	...	·565	·580	...	...	61	75	...	9·9	0	0	0	0	0	3	25	3
August	26·772	26·760	—·016	76·5	71·0	—0·2	...	69·2	...	·629	·626	...	..	69	80	...	9·1	1	0	0	0	0	2	22	6
September	26·788	26·778	—·028	76·2	71·5	+0·2	...	68·7	...	·614	·620	...	...	69	78	...	9·4	0	0	0	0	0	4	18	8
October	26·846	26·845	+·006	77·8	70·9	—0·4	...	66·5	...	·520	539	...	...	55	69	...	8·0	1	5	5	1	0	5	10	4
November	26·899	26·897	+·018	77·4	69·7	+0·8	...	62·9	...	·409	·436	...	...	43	59	...	5 7	3	6	8	3	1	2	3	4
December	26·902	26·897	—·017	76·2	68·4	+1·8	...	61·7	...	·383	·418		...	43	60	...	3·9	0	7	22	2	0	0	0	0
Year	26·835	26·824	—·009	80·4	73·1	+1·0	...	65·9	...	·473	·506	...	...	47	63	...	6·4	8	31	77	42	10	30	119	48

TABLE VI.—ABSTRACT OF OBSERVATIONS RECORDED AT 12-30 HRS. (I. S. T.) AND CORRECTED DAILY MEANS AT 15 FIRST CLASS STATIONS IN INDIA DURING EACH MONTH AND THE YEAR 1938.

Station, height of bar. cistern above mean sea level in feet and month.	Pressure reduced to 32°F and standard gravity, inches.			Temperature of air, °F.			Wet bulb temperature, °F.		Vapour pressure, inches.				Relative humidity, %				Cloud amount.	Wind direction at 12-30 hrs. (I.S.T.) Number of winds from								
	Mean 12-30 hrs. (I.S.T.)	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I.S.T.)	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 12-30 hrs. (I.S.T.)	From minimum.	Mean 12-30 hrs. (I.S.T.)	Mean of daily means.	Departure from normal.	From minimum.	Mean 12-30 hrs. (I.S.T.)	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I.S.T.)	N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Madras (22)																										
January	29·928	29·920	—·006	82·8	75·6	+0·2	...	73·0	...	·677	·691	...	...	60	76	..	5·8	5	13	9	3	1	0	0	0	0
February	29·879	29·864	—·032	84·4	78·0	+1·6	...	74·7	...	·728	·731	...	...	62	75	...	4·7	1	3	7	12	5	0	0	0	0
March	29·775	29·762	—·073	88·7	80·5	+1·5	...	77·0	...	·771	·801	...	...	57	74	...	3·5	0	3	2	20	5	0	1	0	0
April	29·745	29·739	—·016	90·9	83·9	+0·3	...	79·1	...	·834	·872	...	...	57	72	...	3·5	0	0	3	15	9	0	0	0	0
May	29·596	29·596	—·067	98·4	90·8	+2·6	...	79·8	...	·764	·832	...	...	43	62	...	5·3	1	1	3	12	4	2	5	3	0
June	29·623	29·617	—·012	93·4	86·3	—1·5	...	76·7	...	·690	·769	...	...	45	63	...	8·8	1	0	1	3	0	7	15	3	0
July	29·629	29·626	—·022	92·5	86·0	+0·8	...	76·2	...	·673	·765	...	...	45	64	...	9·2	1	1	2	1	1	3	15	7	0
August	29·648	29·645	—·031	91·0	84·6	+0·6	...	77·3	...	·743	·813	...	...	52	69	...	8·2	2	0	1	5	4	4	12	3	0
September	29·658	29·661	—·046	89·2	82·8	—0·6	...	78·9	...	·847	·887	...	...	62	78	...	8·4	2	0	1	4	1	4	13	5	0
October	29·743	29·753	—·022	89·1	82·8	+2·2	...	75·5	...	·684	·729	...	..	53	67	...	6·7	2	6	2	5	3	2	7	4	0
November	29·845	29·850	—·006	84·6	77·5	—0·3	...	72·3	...	·615	·662	...	...	53	68	...	6·7	9	6	6	4	1	0	1	3	0
December	29·883	29·884	—·026	81·8	75·4	—0·2	...	71·6	...	·649	·658	...	...	59	73	...	6·3	7	16	5	2	1	0	0	0	0
Year	29·746	29·743	—·030	88·9	82·0	+0·6	...	76·0	...	·723	·767	...	...	54	70	...	6·4	31	49	45	86	35	22	69	28	0
Kodaikanal (7,688)																										
January	22·811	22·795	+·025	62·7	53·6	+1·1	...	53·2	...	·307	·267	+·019	...	54	69	+7	3·5	0	6	4	21	0	0	0	0	0
February	22·812	22·791	+·010	62·2	55·6	+1·9	...	54·1	...	·337	·312	+·062	...	62	73	+13	5·3	3	12	1	7	4	0	0	0	1
March	22·783	22·760	—·023	64·4	57·6	+1·3	...	53·3	...	·294	·289	+·028	...	50	64	+9	4·4	4	15	5	5	2	0	0	0	0
April	22·790	22·770	+·007	64·6	56·7	—2·5	...	57·7	...	·405	·388	+·059	...	67	80	+15	6·2	5	16	0	4	0	0	0	3	2
May	22·747	22·727	—·015	66·1	61·2	+1·1	...	58·8	...	·420	·386	+·018	...	66	72	0	5·6	4	9	1	2	3	0	0	7	5
June	22·716	22·694	—·006	60·1	56·6	—0·6	...	56·2	...	·411	·377	+·008	...	80	86	+8	9·2	1	0	0	0	1	0	4	21	3
July	22·712	22·693	+·006	60·1	56·0	+0·3	...	55·8	...	·401	·373	+·006		78	83	0	8·9	3	1	0	0	0	0	4	20	3
August	22·718	22·701	0	61·0	56·8	+0·9	...	57·4	...	·435	·390	+·021	...	82	86	+3	9·2	2	0	0	3	3	0	1	15	7
September	22·726	22·713	—·003	60·1	56·5	+0·9	...	57·1	...	·436	·400	+·027	...	84	88	+5	8·9	2	0	0	3	3	0	1	16	5
October	22·764	22·755	+·016	58·9	55·3	+0·4	...	55·0	...	·394	·375	+·009	...	80	85	0	8·2	7	5	1	3	1	1	0	11	2
November	22·781	22·773	+·014	58·1	53·1	—0·3	...	52·7	...	·344	·316	—·023	.	72	80	—3	5·6	6	5	0	4	2	0	0	10	3
December	22·771	22·761	+·001	59·4	54·6	+1·5	...	51·8	...	·309	·260	—·004	...	63	68	+2	5·0	1	14	5	10	1	0	0	0	0
Year	22·761	22·744	+·002	61·5	56·1	+0·4	...	55·3	...	·374	·344	+·019	...	70	78	+5	6·7	38	83	17	62	20	1	10	103	31
Trivandrum (200)																										
January	29·647	29·648	—·012	87·2	80·9	+3·8	...	75·8	...	·744	·750	+·084	...	57	72	—2	3·5	0	2	0	0	3	5	11	0	10
February	29·640	29·630	—·016	86·0	80·6	+2·0	...	77·7	...	·841	·839	+·154	...	67	82	+9	5·4	0	0	0	1	4	12	8	1	2
March	29·568	29·565	—·059	87·8	82·1	+1·8	...	79·3	...	·889	·905	+·130	...	67	83	+7	5·7	2	0	0	0	3	5	17	1	3
April	29·572	29·570	—·007	87·1	82·1	+0·2	...	79·7	...	·915	·907	+·079	...	71	83	+4	6·4	0	1	0	0	3	2	11	8	5
May	29·536	29·532	—·036	86·9	82·4	+1·1	...	79·9	...	·923	·922	+·079	...	72	83	0	6·7	1	0	0	0	1	0	21	8	0
June	29·565	29·562	—·013	82·8	78·9	+0·5	...	77·6	...	·874	·866	+·056	...	78	88	+2	8·4	5	0	0	0	0	0	11	14	0
July	29·564	29·563	—·025	82·2	77·6	+0·4	...	76·4	...	·815	·824	+·029	...	76	87	0	8·3	3	0	0	0	0	0	0	19	0
August	29·560	29·560	—·036	83·5	79·0	+1·2	...	77·2	...	·838	·842	+·057	...	74	87	+1	6·3	2	0	0	0	0	0	7	21	1
September	29·571	29·575	—·038	84·1	79·4	+1·4	...	77·5	...	·838	·843	+·062	...	74	85	+1	7·0	3	0	0	0	0	0	9	18	0
October	29·617	29·623	+·005	83·2	78·4	+0·7	...	77·0	...	·845	·84	+·059	...	75	87	+2	6·9	1	0	0	0	2	3	16	5	4
November	29·639	29·645	+·008	85·2	79·2	+1·5	...	76·2	...	·774	·780	—·001	...	65	79	—5	5·0	1	0	0	2	2	9	9	3	2
December	29·602	29·608	—·042	86·0	80·1	+2·7	...	75·6	...	·754	·757	+·049	...	60	75	—3	5·3	0	1	0	1	4	13	5	0	7
Year	29·590	29·590	—·023	85·2	80·1	+1·5	...	77·5	...	·837	·840	+·070	...	70	83	+2	6·2	18	4	0	4	22	49	134	98	34

TABLE VII.—ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT 13 STATIONS DURING EACH MONTH AND THE YEAR 1938.

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 (1¼' above ground). Mean minimum.	Departure from normal.	Lowest in the month or year.	Date.	Mean depression below the minimum in shade.	Departure from
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
CALCUTTA— Lat. 22° 32′ N. Long. 88° 20′ E.	January	0	1	3	6	21	272·0	81	10·3	22	2·3	10	54·6	+6·0	46·8	23	4·2	—1
	February	0	0	3	3	22	257·3	81	10·9	14	3·1	8	53·4	—0·1	43·6	20	4·8	—1
	March	0	0	0	15	16	275·1	74	10·7	1	6·3	27	68·6	+5·2	56·8	1, 9	4·8	—0
	April	0	0	0	8	22	281·5	74	11·1	28	6·3	1	74·9	+3·5	69·5	2	4·8	+0
	May	1	7	6	7	10	191·1	47	11·2	7	0	28	75·0	+0·3	69·0	4	2·1	—0
	June	1	8	8	10	3	154·3	38	11·3	3	Trace	28	77·5	+0·8	75·6	28	2·3	+0
	July	2	10	12	4	3	125·1	30	10.5	2	0	25, 31	77·2	+0·3	75·8	26	2·4	+0
	August	2	11	10	6	2	120·4	30	10·6	27	0	11	76·9	+0·3	74·6	4	2·2	+0
	September	3	4	10	6	7	160·6	44	9·9	9, 10	0	2, 17, 19	77·3	+1·7	74·8	25	2·6	+0
	October	1	2	8	7	13	225·0	62	10·5	25, 26, 27	0	11	71·4	+1·2	59·5	28	3·6	—0
	November	2	4	2	2	20	231·1	70	11·0	30	0	26	58·8	+0·4	50·1	30	5·1	—0
	December	0	0	0	2	29	301·1	90	10·3	14	8·3	30	47·8	—0·8	43·0	3	6·5	+0
	Year	12	47	62	76	168	2,594·6	59	11·3	VI	0	6 months	67·8	+1·6	43·0	XII	3·8	
AGRA— Lat. 27° 08′ N. Long. 78° 01′ E.	January	0	4	8	10	9	207·9	63	10·3	20	0·3	26	41·8	...	32·8	23	4·3	...
	February	0	0	0	12	16	260·7	83	10·6	9	7·7	13	39·6	...	28·1	19	5·8	...
	March	0	1	0	8	22	282·4	76	10·6	28	2·4	5	51·5	...	42·5	13	7·6	...
	April*	0	0	0	1	29	314·8	82	11·7	18	8·7	24	60·0	...	51·6	1	9·9	...
	May	0	0	3	9	19	287·2	69	12·1	24	4·6	16	(a) 74·3	...	62·0	3	9·3	...
	June	0	5	5	11	9	210·4	51	11·5	10	1·3	11	78·1	...	75·4	2, 22	4·8	...
	July	2	10	5	5	9	178·1	42	12·5	24	0	16, 30	78·1	...	73·0	18	2·7	...
	August	2	7	4	4	14	208·2	51	12·3	17	0	9, 12	77·1	...	70·5	1	1·7	...
	September	0	1	3	5	21	269·8	73	10·9	13, 28	2·0	1	70·3	...	60·2	28	3·4	...
	October	0	1	1	1	28	291·9	82	10·9	17	1·6	12	(a) 61·5	...	51·3	31	3·3	...
	November	0	1	0	4	25	276·9	85	10·1	5	1·3	7	44·7	...	35·9	30	3·3	...
	December	0	1	1	6	23	266·1	82	9·8	22, 24	0·8	28	38·3	...	33·4	31	4·0	...
	Year	4	31	30	76	224	3,054·4	70	12·5	VII	0	VII, VIII	59·6	...	28·1	II	5·0	...
LAHORE— Lat. 31° 35′ N. Long. 74° 20′ E.	January	2	6	3	12	8	189·9	61	9·7	2, 19, 22	0	24, 29	36·7	+5·0	27·3	3	4·3	—4
	February	0	2	5	7	14	216·8	70	10·4	18, 24	0·1	5	39·8	+4·0	27·5	18	5·5	—2
	March	2	3	2	6	18	247·3	67	11·3	4 days	0	8, 21	48·7	+3·0	34·0	25	7·4	—0
	April*	0	0	3	2	24	295·5	76	12·0	4 days	3·3	7	59·6	+4·0	46·0	1	6·7	—1
	May	0	0	1	3	27	338·6	79	12·5	19, 20	4·6	28	72·6	+7·9	57·8	1	5·4	—1
	June	0	4	5	7	14	237·7	56	12·4	15, 22, 24	0·4	13	77·9	+3·8	70·0	18	1·3	—3
	July	0	3	4	3	21	272·5	63	12·2	4	1·0	22	80·8	+3·8	74·1	2	1·5	—1
	August	0	2	2	10	17	267·5	65	11·6	31	1·8	19	79·8	+4·5	73·9	2	1·0	—2
	September	0	0	1	1	28	303·4	82	11·0	13, 14, 15	5·5	25	70·0	+2·8	60·0	27	4·7	—0
	October	0	0	1	2	28	302·7	80	10·5	1	5·6	5	53·9	+2·7	44·8	27	6·7	—1
	November	0	1	1	3	25	272·7	86	10·2	3, 5	2·8	29	38·1	+0·2	29·0	30	8·5	—0
	December	0	1	2	13	15	252·4	80	9·4	10, 30, 31	1·0	20	30·5	—1·0	23·0	29	9·1	+0
	Year	4	22	30	69	239	3,197·0	72	12·5	V	0	I, III	57·4	+3·4	23·0	XII	5·1	—1

*Observations of bright sunshine for 29 days only

(a) Mean of 30 days.

TABLE VII.—ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT 13 STATIONS DURING EACH MONTH AND THE YEAR 1938.

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
SRINAGAR— Lat. 34° 05′ N. Long. 74° 50′ E.	January												22·4	...	9·8	3	1·0	
	February												22·8	...	12·9	17	1·7	...
	March												34·2	...	27·5	14	2·4	...
	April												42·3	...	34·9	2	4·3	...
	May												49·6	...	39·9	1	4·1	...
	June												55·5	...	50·0	1	4·1	...
	July												59·1	...	50·4	1	5·4	...
	August												59·4	...	52·3	22	4·1	...
	September												43·5	...	34·3	29	6·3	...
	October												34·4	...	24·2	30	5·9	...
	November												22·3	...	14·1	28	5·7	...
	December												25·7	...	13·3	2	3·5	...
	Year												39·3	...	9·8	1	4·0	...
PESHAWAR— Lat. 34° 01′ N. Long. 71° 35′ E.	January												32·7	...	23·6	4	6·3	...
	February												33·8	...	21·0	17	6·4	...
	March												41·1	...	30·3	7	8·9	...
	April												51·5	...	43·8	9	7·9	...
	May												(c) 63·6	...	49·5	1	11·7	...
	June												70·8	...	60·4	1	6·8	...
	July												72·5	...	58·3	4	7·1	...
	August												(a) 75·7	...	65·1	1	4·6	...
	September												62·3	...	53·5	29	7·9	...
	October												49·5	...	40·8	30	10·0	...
	November												34·2	...	24·4	26	10·8	...
	December												(a) 31·3	...	23·6	4	8·5	...
	Year												51·6	...	21·0	11	8·1	...
KARACHI (DRIGH ROAD) Lat. 24° 53′ N. Long. 67° 07′ E.	January	0	1	1	13	16	271·0	81	10·2	23, 31	2·7	30	48·2	...	36·0	3	2·6	...
	February	0	0	1	2	25	276·4	85	10·5	26, 27	5·9	5	50·4	...	39·2	16	2·9	...
	March	0	0	1	5	25	303·8	82	11·1	27	4·6	11	61·1	...	52·0	24, 26	3·3	...
	April	0	0	0	1	29	329·3	86	12·0	18	8·6	5	66·3	...	56·6	2	3·5	...
	May	0	0	1	7	23	312·6	75	12·5	30	4·8	24	77·4	...	72·4	3	2·1	...
	June	0	3	4	10	13	243·3	59	11·9	3	1·1	24	81·9	...	75·4	12	1·5	...
	July	1	8	9	5	8	170·8	41	11·2	3	0	15	79·0	...	70·2	22	1·5	...
	August	3	4	13	1	10	166·7	41	11·1	30	0	to, 11, 28	77·0	...	74·0	25	1·2	...
	September	0	0	5	15	10	239·9	65	10·5	14	4·0	25	74·8	...	70·0	29	1·7	...
	October	0	0	0	5	26	302·9	84	10·6	22	8·1	12	66·4	...	55·4	23	2·9	...
	November	0	0	0	2	28	293·3	89	10·4	1	8·0	11	53·1	...	37·8	28	3·5	...
	December	0	1	0	6	24	283·7	86	10·0	4 days	1·0	20	47·9	...	38·5	17	3·2	...
	Year	4	17	35	72	237	3,193·7	72	12·5	V	0	VII, VIII	65·3	...	36·0	1	2·5	...

(a) Mean of 30 days.

(c) Mean of 28 days.

TABLE VII.--ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT 13 STATIONS DURING EACH MONTH AND THE YEAR 1938.

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 (1¼" above ground). Mean minimum.	Departure from normal.	Lowest in the month or year.	Date.	Mean depression below the minimum in shade.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
JAIPUR-- Lat. 26° 55′ N. Long. 75° 50′ E.	January	0	3	7	10	11	229·8	70	10·1	20	0·9	13	37·4	+0·9	28·0	3	9·6	-0·
	February	0	0	1	5	22	272·6	87	10·8	26, 27	4·7	5	37·2	−2·8	25·5	15	11·5	+1·
	March	0	0	1	5	25	299·3	81	11·1	13	5·2	6	49·4	+0·3	42·3	7	12·9	+3·
	April	0	0	0	3	27	313·6	82	11·6	29	7·3	13	57·3	−1·9	49·1	1	12·8	+3·
	May	0	0	1	6	24	305·3	73	12·2	23, 25	4·0	14	72·8	+4·0	62·9	1	9·9	+2·
	June*	0	4	6	9	10	208·2	52	11·3	20	0·9	2	74·5	-1·4	70·1	18	4·3	−0·
	July	2	8	10	5	6	154·0	36	11·4	3	0	14, 15	74·9	−0·3	70·9	1	4·4	+1·
	August	0	6	9	7	9	199·1	49	11·3	29	0·1	9	72·7	0	68·7	2	4·3	+1·
	September	0	0	1	13	16	273·1	74	11·1	29, 30	3·1	1	65·4	−2·1	57·3	21	8·6	+3·
	October	0	0	0	3	28	317·8	92	11·1	3, 5	8·1	31	57·4	+2·4	49·9	25	10·5	+1·
	November	0	0	0	2	28	297·1	91	10·5	5, 8	8·0	7	40·2	−2·9	25·8	29	12·9	+2·
	December	2	0	1	7	21	264·8	82	9·9	1, 20	0	2, 28	37·0	+0·3	27·2	1	10·8	+0·
	Year	4	21	37	75	227	3,134·7	71	12·2	V	0	VII, XII	56·3	−0·3	25·5	II	9·4	+1·
BOMBAY— Lat. 18° 54′ N. Long. 72° 49′ E.	January	0	0	0	3	28	302·5	88	10·2	5 days	8·0	15	58·1	−0·7	52·9	10	8·5	+0·6
	February	0	0	0	0	28	280·0	87	10·5	8, 9	9·1	15, 18	57·0	−2·9	48·9	1	9·5	+2·1
	March	0	0	0	5	26	309·5	83	10·8	28, 29	6·6	21	66·3	+0·9	61·2	14	7·2	+0·8
	April	0	1	1	0	28	297·1	79	11·2	9, 24	2·9	7	72·6	+1·5	65·1	11	5·7	+1·0
	May	0	1	0	3	27	323·1	80	12·1	29	0·3	31	77·0	+0·6	73·7	7	3·9	+1·0
	June	10	10	6	4	0	71·4	18	8·5	26	0	10 days	75·9	−0·9	72·9	23, 24	1·5	−0·2
	July	6	18	4	3	0	60·8	15	8·6	27	0	6 days	75·4	+0·1	71·5	12	0·9	−0·4
	August	3	15	5	8	0	102·6	26	8·8	3	0	7, 26, 27	75·4	+1·0	73·3	26, 27	1·2	−0·4
	September	2	5	9	10	4	156·6	43	10·1	26	0	13, 14	74·4	+1·0	71·9	25	1·5	−0·6
	October	5	2	3	5	16	215·6	59	10·5	26, 27	0	5 days	70·6	0	64·2	26	3·6	−1·2
	November	1	1	0	1	27	278·7	83	10·4	12, 13	0	8	63·3	−1·6	56·0	30	7·0	−0·4
	December	0	0	5	4	22	273·1	80	10·4	1, 16	3·3	28	61·3	+0·8	55·0	16	8·3	+0·1
	Year	27	53	33	46	206	2,671·0	60	12·1	V	0	6 months	68·9	−0·1	48·9	II	4·9	+0·2
POONA— Lat. 18° 32′ N. Long. 73° 51′ E.	January	0	0	0	4	27	310·8	90	10·6	31	7·8	1	49·7	...	45·0	11	5·9	...
	February	0	0	0	0	28	289·2	90	11·0	20	9·2	7, 15, 25	46·0	...	38·9	17	6·4	...
	March	0	0	2	5	24	294·9	79	10·8	11, 13	3·7	26	56·5	...	46·2	13	6·9	...
	April	0	0	2	8	20	289·8	77	11·6	13	4·7	29	63·5	...	49·7	10	6·5	...
	May	0	0	2	4	25	330·8	82	12·4	15	1·9	25, 31	66·4	...	56·3	3	5·8	...
	June	6	10	7	6	1	92·9	23	10·0	30	0	6 days	69·6	...	64·8	6	2·8	...
	July	6	15	4	5	1	82·3	20	9·3	27	0	4 days	69·2	...	67·1	28	2·1	...
	August	3	9	17	2	0	95·5	24	7·6	2	0	19, 26, 27	68·6	...	65·6	9	2·2	...
	September	2	6	9	9	4	158·7	43	10·7	12	0	17, 18	67·3	...	62·1	10	1·9	...
	October	3	4	2	4	18	234·8	65	11·0	18, 27, 28	0	1, 6, 7	61·9	...	49·6	28	2·9	...
	November	0	0	2	0	28	294·5	87	10·7	10	2·0	8	51·6	...	40·0	24	5·0	...
	December	0	1	3	6	21	275·8	81	10·4	10 days	2·7	26	45·6	...	37·0	16, 17	5·5	...
	Year	20	45	50	53	197	2,750·0	62	12·4	V	0	5 months	59·7	...	37·0	XII	4·4	...

* Observations of bright sunshine for 29 days only.

TABLE VII.—ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT 13 STATIONS DURING EACH MONTH AND THE YEAR 1938.

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 (1¼" above ground). Mean minimum.	Departure from normal.	Lowest in the month or year.	Date.	Mean depression below the minimum in shade.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
BANGALORE— Lat. 12° 58′ N. Long. 77° 35′ E.	January*	0	0	3	18	9	247·9	70	9·9	21,22	4·7	3	55·9	+1·1	50·0	20,21	2·9	0
	February	0	0	3	12	13	232·7	71	10·0	18	3·5	6	62·4	+5·8	57·0	26	2·0	−1·6
	March	0	3	3	9	16	248·0	66	10·0	28	1·4	22	62·6	+2·4	53·0	1	4·9	+0·7
	April	0	1	3	12	14	248·1	67	10·8	17	2·4	2	67·0	+0·5	63·8	1	3·2	+0·5
	May	0	0	3	15	13	268·1	68	11·3	20	4·9	22	68·4	+1·0	66·0	10	1·7	+0·2
	June	1	11	11	6	1	114·9	30	9·8	26	0	17	65·7	−0·2	63·0	29	1·2	+0·3
	July	5	15	10	1	0	78·8	20	7·6	25	0	5 days	65·0	−0·1	63·6	1	1·2	+0·4
	August	1	6	14	10	0	148·1	38	8·9	10	0	21	65·0	+0 2	63·0	3	1·1	+0·2
	September	2	12	7	9	0	125·3	34	9·0	1	0	24, 28	65·4	+1·0	62·3	16	1·2	+0·2
	October	1	3	8	14	5	197·8	59	9·8	20	0	31	62·7	−0·2	59·9	24	1·8	−0·3
	November	0	2	6	11	11	223·1	65	9·9	4 days	1·2	6	58·5	−0·6	53·3	21	2·9	+0·2
	December	0	3	3	15	10	229·1	65	9·8	31	1·4	21	57·9	+2·5	48·6	30	1·5	−1·3
	Year	10	56	74	132	92	2,361·9	53	11·3	V	0	5 months	63·0	+1·1	48·6	XII	2·2	0
COIMBATORE— Lat. 11° 0′ N. Long. 76° 57′ E.	January	1	2	0	3	25	291·6	81	11·1	7	0	31	65·5	−1·9	58·2	15	9·2	+4·1
	February	0	5	3	3	17	220·0	67	10·9	25	0·5	4	70·0	+1·5	63·2	25	5·9	+0·6
	March	1	6	4	6	14	207·0	55	10·6	9	0	21	72·6	+0·4	70·0	1	5·8	+1·4
	April	2	6	7	7	8	181·2	49	10·4	7, 11	0	27, 28	72·3	−2·4	70·6	29	5·9	+2·3
	May	0	2	6	11	12	241·5	63	11·5	20	2.2	12	78·0	−0·9	71·2	1	6·7	+2·6
	June	2	9	12	6	1	132·0	35	10·4	26	0	1, 7	71·9	−0·8	70·2	28	3·9	+1·0
	July	1	9	7	11	3	145·6	37	10·7	23	0	4	71·0	−0·4	68·8	3	3·8	+0·5
	August	1	3	8	15	4	193·2	50	10·3	27	0	21	71·3	−0·1	68·8	26	4·5	+1·2
	September	1	4	7	13	5	182·9	50	10·5	21	0	17	71·2	+0·4	68·7	28	4·6	+0·4
	October	1	7	9	5	9	180·3	49	10·8	20	0	29	71·1	−0·2	66·2	31	4·0	+0·4
	November	1	5	2	4	18	234·5	67	10·9	25	0	3	66·5	−3·8	61·9	5	7·3	+3·3
	December	5	1	4	3	18	231·8	64	11·0	4 days	0	5 days	68·0	+0·3	62·0	13	6·7	+1·3
	Year	16	59	69	87	134	2,441·6	55	11·5	V	0	10 months	70·4	−0·6	58·2	1	5·7	+1·6
MADRAS— Lat. 13°04′ N. Long. 80°15′ E.	January	0	1	1	6	23	290·3	82	10·8	28	2·6	1	62·3	−3·1	58·4	22	6·2	+3·6
	February	1	3	2	2	20	239·0	73	11·1	4 days	0	7	67·6	+1·6	60·4	28	4·7	+2·1
	March	0	2	1	3	25	301·4	81	11·2	10, 11, 15	0·8	21	70·0	+0·4	59·7	1	4·3	+2·0
	April	0	0	0	5	25	321·6	86	12·0	30	7·7	2	74·6	−1·3	71·0	16, 17	3·5	+1·9
	May	0	1	0	6	24	311·2	79	12·0	19	3·0	8	79·7	0	72·1	12	3·1	+1·7
	June	4	7	6	7	6	152·3	39	10·9	3	0	4 days	77·1	−3·0	72·7	23	2·5	+1·5
	July	4	7	5	10	5	158·6	40	11·4	3	0	4 days	77·4	−0·3	73·8	29	2·1	+1·0
	August	0	5	6	11	9	217·5	56	12·0	3	0·2	24	76·6	0	73·0	21	1·4	+0·4
	September	1	5	7	9	8	193·7	54	11·5	18	0	28	74·8	−1·1	72·1	9	1·9	+1·0
	October	2	1	3	11	14	244·6	67	11·0	19	0	27, 31	72·0	−1·7	65·3	22	4·4	+3·4
	November	1	3	6	5	15	225·9	65	11·1	10, 14	0	24	65·5	−5·0	58·6	15	5·1	+3·6
	December	0	5	6	5	15	232·6	66	10·9	9	0·5	5	64·7	−2·6	56·0	30	4·4	+2·6
	Year	13	40	43	80	189	2,888·7	65	12·0	IV, V, VIII	0	6 months	71·9	−1·3	56·0	XII	3·6	+2·0

* Observations of bright sunshine for 30 days only.

TABLE VII.—ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT 13 STATIONS DURING EACH MONTH AND THE YEAR 1938.

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.				Mean minimum.	Departure from normal.	Lowest in the month or year.	Date.	Mean depression below the minimum in shade.	Departure from normal
									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	18	19
KODAIKANAL— Lat. 10° 14′N. Long. 77° 28′E.	January . .	0	1	4	12	14	255·3	71	10·5	7	1·9	4	35·8	—2·1	25·1	11	10·3	+3·0
	February . .	1	5	6	2	14	206·0	62	11·4	25	0	4	40·6	+2·7	30·0	16	8·9	+1·5
	March . .	3	3	1	10	14	227·4	61	10·9	8	0	20, 21, 22	41·4	+0·5	36·0	17	9·7	+3·4
	April . .	0	2	6	13	9	223·0	60	11·5	15	0·6	4	45·3	+0·3	39·1	15	7·4	+1·1
	May . .	0	0	9	12	10	234·4	60	11·3	20, 22	3·2	26	47·2	—0·4	36·9	21	8·9	+3·4
	June . . .	1	13	9	6	1	116·8	31	10·5	29	0	8	48·0	—0·6	39·9	16	5·0	+1·2
	July . . .	0	10	13	6	2	134·4	34	9·5	21	0·2	2	48·3	—0·2	45·5	20	3·6	+0·9
	August . .	1	2	15	12	1	169·4	44	9·4	27	0	1	47·4	—0·5	41·1	9	5·2	+2·0
	September .	1	10	14	4	1	120·9	33	10·2	11	0	24	48·8	+1·4	44·4	11	3·9	+0·8
	October . .	2	9	9	7	4	153·3	42	10·9	13	0	4, 30	45·6	—0·8	35·0	12	5·8	+2·1
	November . .	2	8	5	5	10	175·3	50	10·9	11	0	1, 2	40·8	—3·9	29·0	24	7·2	+2·8
	December . .	4	5	4	7	11	190·9	53	10·6	9, 30, 31	0	4 days	41·1	+0·6	25·4	19	6·9	+0·1
	Year . . .	15	68	95	96	91	2,207·1	50	11·5	IV	0	8 months	44·2	—0·2	25·1	I	6·9	+1·9

TABLE VIII.—MEAN HOURLY WIND VELOCITY IN MILES PER HOUR AT 11 STATIONS FOR THE YEAR 1938.

Month. \ Hour (I. S. T.)	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	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24
										* CALCUTTA (56 FEET).														
January	0·7	0·7	0·7	0·6	0·9	0·9	0·7	1·1	1·8	2·5	3·8	3·1	3·1	3·0	2·9	3·1	2·5	1·0	0·4	0·6	0·6	0·6	0·4	0·7
February	0·8	1·0	0·9	1·2	0·9	1·2	1·1	1·3	2·1	3·6	4·4	4·1	4·0	4·2	4·2	4·0	3·2	2·4	0·7	0·8	0·7	0·8	1·0	0·9
March	3·3	3·0	2·5	2·4	2·3	2·4	2·0	2·9	4·1	4·5	5·0	5·0	4·6	4·3	4·6	4·7	4·7	4·1	4·1	4·0	4·0	3·8	3·6	3·4
April	4·2	3·9	3·8	3·4	3·2	3·7	4·0	5·5	6·1	6·2	7·0	6·2	6·3	5·8	6·1	6·3	6·1	5·4	5·7	5·5	5·6	5·3	4·9	5·0
May	2·6	2·5	2·5	2·3	2·1	2·4	2·6	3·2	3·8	3·9	5·2	5·5	5·1	4·8	5·2	4·9	5·0	4·2	3·6	3·6	3·6	3·1	2·9	2·5
June	2·9	2·9	2·8	2·5	2·5	2·3	3·0	4·2	4·7	4·6	5·5	5·2	4·5	4·2	4·2	4·6	4·4	3·9	3·1	3·3	3·0	3·1	2·5	2·8
July	2·6	2·6	2·5	2·4	2·2	2·1	2·7	3·8	4·0	5·0	5·6	4·9	4·5	4·5	4·9	5·1	4·5	4·2	3·3	3·5	3·1	2·9	2·7	2·4
August	2·3	2·1	2·3	1·9	1·8	1·8	2·1	2·9	3·4	3·9	5·1	4·7	4·0	4·4	4·3	4·2	3·8	3·4	3·0	2·8	2·8	2·5	2·3	2·5
September	1·5	1·3	1·1	1·5	1·4	1·5	1·5	2·0	2·6	3·1	4·2	3·9	3·5	3·9	4·2	3·8	3·6	2·6	1·7	1·9	1·6	1·6	1·5	1·7
October	0·9	0·8	0·8	0·8	0·9	1·1	1·0	1·8	2·4	2·7	3·6	3·6	3·7	3·5	3·1	3·2	2·3	1·5	1·2	1·1	1·1	1·0	0·9	0·7
November	0·7	0·7	0·9	0·9	0·9	0·9	0·9	1·2	1·7	2·4	3·1	3·1	3·3	3·3	3·0	2·7	1·7	0·9	0·4	0·4	0·5	0·5	0·7	0·6
December†	0·4	0·6	0·7	0·9	0·9	0·9	1·1	1·5	2·0	2·5	3·2	3·3	3·2	3·6	3·5	2·9	1·9	0·5	0·2	0·2	0·1	0·2	0·1	0·4
Year	1·9	1·8	1·8	1·7	1·7	1·8	1·9	2·6	3·2	3·7	4·6	4·4	4·1	4·1	4·2	4·1	3·6	2·8	2·3	2·3	2·2	2.1	2·0	2·0
										DACCA (47 FEET).													
January	*0·2*	*0·2*	*0·2*	*0·2*	*0·2*	*0·2*	*0·2*	*0·7*	1·1	1·3	1·8	2·2	2·4	2·4	2·2	1·5	0·7	0	0	0·2	0·2	0·2	0	0·2
February	0·4	0·4	0·4	0·2	0·2	0·2	0·2	0·4	1·1	1·5	2·2	2·2	2·4	3·1	2·4	2·0	0·9	0·2	0·2	0·7	0·7	0·4	0·4	0·4
March	3·6	3·4	3·3	3·2	2·9	2·9	2·9	3·8	4·8	4·6	4·8	4·8	5·4	5·5	5·8	5·5	4·6	3·7	4·1	4·7	4·3	4·5	4·5	4·0
April	*2·0*	*1·3*	*1·3*	*1·8*	*1·5*	1·5	2·2	3·5	4·2	4·6	4·8	4·6	5·1	5·3	5·5	5·7	5·5	5·5	*5·1*	*4·2*	*3·3*	*2·9*	*3·1*	*2·4*
May	1·3	1·5	1·8	1·5	1·5	1·8	2·9	3·3	3·3	3·7	3·5	3·7	3·7	3·5	3·7	4·0	3·7	3·3	1·8	1·5	1·5	1·8	2·0	1·5
June	0·9	0·9	1·1	1·1	1·1	1·5	2·2	2·4	2·9	2·4	2·6	2·4	2·9	2·9	2·9	3·5	2·9	2·2	1·8	1·5	2·0	1·5	1·5	1·5
July	2·9	2·4	2·4	2·4	2·4	2·0	2·4	2·9	3·5	2·9	3·1	3·3	3·3	3·5	3·5	3·7	3·3	3·3	2·9	2·4	2·6	2·2	2·4	2·9
August	1·5	1·5	1·3	1·1	1·1	1·1	1·5	2·0	2·2	2·0	2·2	2·2	2·4	2·4	2·4	2·4	2·2	1·5	1·3	1·1	1·3	1·8	1·8	1·5
September	0·7	0·7	0·9	0·7	0·7	0·7	0·9	1·1	1·3	1·5	1·8	1·8	2·0	1·8	1·5	1·5	1·1	0·7	0·4	0·7	1·1	0·7	0·7	0·7
October	0·2	0·2	0·4	0·4	0·2	0·2	0·7	1·1	1·8	1·3	1·5	1·5	1·8	1·8	1·5	1·1	0·4	0·2	0·4	0·2	0·2	0·2	0·4	0·4
November	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·7	0·7	1·1	0·9	0·9	0·9	0·7	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·2
December	0·2	0·2	0·2	0·2	0	0	0	0·4	0·7	0·7	1·1	1·5	2·0	1·8	1·5	1·1	0·2	0	0	0	0	0	0	0
Year	1·2	1·1	1·1	1·1	1·0	1·0	1·4	1·8	2·3	2·3	2·5	2·6	2·9	2·9	2·8	2·7	2·1	1·7	1·5	1·5	1·5	1·4	1·4	1·3
										JAMSHEDPUR (50 FEET).													
January	0·5	0·4	0·4	0·4	0·3	0·3	0·2	0·6	1·5	1·1	2.0	2·6	2·5	2·4	2·4	1·9	1·1	0·4	0·6	0·4	0·2	0·4	0·4	0·5
February	1·1	0·6	0·6	0·6	1·1	1·2	1·3	1·8	2·5	2·6	2·9	3·6	4·3	4·1	3·7	3·1	2·2	0·9	0·7	0·5	0·8	1·2	1·6	1·4
March	0·1	0·1	0·1	0·1	0	0·1	0·1	1·0	1·4	3·0	4·3	5·2	6·3	6·9	6·5	6·0	5·0	2·5	0·5	0·7	1·0	0·4	0·3	0·1
April	0·6	0 5	0·3	0·4	0·4	0·4	0·7	1·4	2·4	2·8	2·6	2 9	2·9	3·7	3·7	2·9	2·6	*1·0*	*1·0*	*0·9*	*1·5*	*1·2*	*0·7*	*0·7*
May	3 6	3·5	2·6	2·3	2·0	1·9	2·5	3·0	3·9	4·2	4·5	4·3	4·7	4·9	5·6	6·6	5·8	6·3	5·6	4·6	4·6	3·9	3·8	3·5
June	2·1	2·0	2 2	2·0	2·2	2·4	*3·4*	*4·9*	5·5	*6·2*	6·5	7·0	6·3	6·4	6·1	6·7	5·7	4·6	4·1	4·1	3·4	2·7	2·7	2 3
July	1 5	1·5	1·5	1·2	1·1	0·9	1·5	2·7	4·0	5·2	4·8	5·5	5 2	5·8	5·5	5·0	3·9	3·4	2·4	2·3	2·1	1·5	1·4	2·0
August	2·0	1·8	1·4	1·5	1·4	1·5	2·6	3·7	4·3	4·6	*4·6*	*4·6*	*4·9*	*4·7*	*4·4*	4·3	4·2	4·2	2·9	2·4	2·2	1·9	1·7	1·6
September	0·7	0·7	0·6	0·6	0·7	0·7	1·3	2·7	3·7	3·9	4·0	4·4	4·3	4·4	4·4	4·4	3·2	1·9	1·6	1·3	1·2	1·4	0·9	0·9
October	1·2	1·2	1·2	1·2	1·1	1·0	1·5	*2·9*	*3·8*	*3·7*	4·0	4·6	5·1	5·0	4·9	3·6	2·2	1·6	1·5	1·4	1·3	1·3	1·2	1·1
November	0·6	0·5	0·4	0·3	0·5	0·5	0·9	1·4	2·8	*3·2*	3·7	4·0	4·6	4·6	4·5	3·1	1·2	1·2	0·8	0·6	0 4	0·7	0·8	0·8
December	0·1	0·2	0·2	0·3	0·3	0·2	0·4	0·4	1·5	2·8	2·8	3·3	4·0	4·3	3·6	2·7	1·0	0·1	0·2	0·1	0·1	0·1	0·3	0·2
Year	1·2	1·1	1·0	0·9	0·9	0·9	1·4	2·2	3·1	3·6	3·9	4·3	4·6	4·8	4·6	4·2	3·2	2·3	1·8	1·6	1·6	1·4	1·3	1·2
										AGRA (71 FEET).													
January	3·3	3·5	3·6	3·3	3·2	3·0	3·3	3·4	2·9	3·2	3·8	4·1	4·1	4·1	3·9	4·3	4·2	3·0	2·6	2·9	3·4	3·5	3·1	3·3
February	4·1	3·8	3·6	3·3	3·5	3·5	3·3	3·5	3·1	4·1	5·1	6·0	5·8	5·9	6·0	6·2	5·6	4·8	3·2	3·6	3·8	3·6	3·6	3·8
March	3·7	4·3	4·5	4·5	4·6	4·4	3·6	3·6	3·4	5·0	6·0	7·0	7·2	7·7	7·7	7·2	6·0	5·0	3·4	3·3	3·6	3·5	3·5	3·4
April	3·7	4·0	4·1	4·0	4·2	3·7	3·6	3·3	4·0	4·6	*5·1*	5·6	5·8	6·4	6·7	7·2	6·0	5·4	4·7	3·4	3·5	3·4	3·1	3·6
May	5·1	5·4	5·6	5·1	5·0	4·8	4·6	5·8	7·4	8·1	7·9	7·5	6·9	6·6	6·7	6·5	7·0	6·9	5·8	5·3	5·0	5·6	6·0	5·8
June	4·7	4·6	4·3	4·4	4·3	4·4	4·7	6·1	7·0	7·3	*8·0*	8·2	8·7	8·2	8·3	9·2	9·2	7·9	7·4	6·2	5·6	4·9	5·4	4·9
July	4·7	4·9	4·5	4·3	4·4	4·3	4·3	5·4	6·4	6·9	6·1	5·8	6·0	6·2	6·2	5·8	5·0	5·7	5·5	5·8	5·7	5·3	4·9	4·6
August	4·4	4·1	3·9	3·8	3·9	3·9	3·9	4·4	5·6	6·1	5·7	5·5	5·3	5·3	5·0	5·3	5·2	4·5	3·5	3·6	4·1	4·1	3·8	4·3
September	3·9	3·6	3·8	3·3	3·2	3·4	3·1	3·1	4·3	5·3	*5·5*	*5·3*	5·0	5·3	5·1	5·3	4·5	3·2	3·3	3·5	3·8	3·8	3·8	3·8
October	3 1	2·8	3·0	2·6	2·5	2·6	2·6	2·6	3·1	3·8	4·3	4·8	5·2	4·9	5·0	4·8	4·5	3·1	2·9	2·9	3·0	3·0	3·0	2·9
November	3·1	3·1	3·2	3·3	3·0	3·2	3·4	2·9	2·2	2·4	2·5	3·0	3·3	3·6	4·2	4·3	3·7	3·0	3·1	3·2	3·4	3·5	3·4	3·5
December	3·8	3·9	3·8	3·8	4·0	3·8	3·7	3·5	2·4	2·5	3·1	3·8	3·9	4·2	4·3	4·5	3·6	2·7	2·8	2·9	3·2	3·1	3·5	3·4
Year	4·0	4·0	4·0	3·8	3·8	3·7	3·7	4·0	4·3	4·9	5·3	5·5	5·6	5·7	5·8	5·9	5·4	4·6	4·0	3·9	4·0	3·9	3·9	3·9

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

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

TABLE VIII.—MEAN HOURLY WIND VELOCITY IN MILES PER HOUR AT 11 STATIONS FOR THE YEAR 1938.

Month \ Hour (I. S. T.)	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	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-
LAHORE (64 FEET).																								
January	2·2	2·6	2·7	2·5	2·7	2·7	2·7	2·4	2·6	3·2	3·8	4·4	4·7	4·6	4·7	4·0	3·5	1·7	0·9	1·0	1·2	1·3	1·6	1·
February	2·6	2·6	2·4	2·6	2·6	2·4	2·7	2·3	2·7	3·1	4·0	4·9	5·4	5·9	5·9	5·9	5·0	3·2	1·1	0·9	1·0	1·6	1·9	2·
March	3·9	4·3	4·6	4·5	4·5	5·0	5·1	4·3	4·4	4·7	5·0	6·0	6·6	6·8	6·7	6·4	6·0	4·9	3·2	2·8	2·3	2·6	3·5	3·
April	3·9	3·7	3·7	3·7	3·6	3·7	3·4	3·4	3·8	3·7	4·2	4·8	4·4	4·9	4·7	4·8	4·8	3·7	2·6	2·2	2·4	2·8	3 1	3·
May	2·7	3·3	3·5	2·9	2·7	3·2	4·0	4·6	6·4	6·9	6·7	6·7	6·6	6·2	5·9	5·3	4·6	3·7	2·3	1·5	1·1	1·5	1·9	2·
June	3·2	4·0	4·4	5·0	4·5	5·2	5·6	6·5	7·7	8·2	7·5	7·0	6·7	6·2	5·3	4·7	4·4	4·0	3·6	2·8	2·5	2·5	2·4	2·
July	*4·7*	*4·7*	*5·0*	*5·4*	*5·6*	*6·0*	*6·9*	*7·7*	*8·1*	*8·9*	*7·1*	*6·9*	*6·2*	*6·8*	*6·6*	*5·1*	*4·3*	*4·0*	*3·4*	*2·9*	*2·9*	*3·8*	*4·3*	*4·*
August	4·8	5·0	5·0	4·6	4·7	5·2	5·0	6·1	6·6	6·4	6·1	6·3	6·1	5·6	5·6	5·3	5·3	4·7	3·5	2·4	2·4	3·5	4·1	4·
September	1·5	2·1	2·1	2·4	3·1	2·6	3·2	3·3	4·2	4·7	5·1	5·8	5·6	5·3	5·1	4·4	3·6	2·5	0·9	0·8	0·9	0·7	0·9	1·
October	1·4	1·5	1·5	1·2	1·3	1·4	1·4	1·5	1·5	2·0	3·0	3·6	4·3	4·3	4·0	3·6	2·3	1·2	0·9	1·0	0·7	0·7	1·3	1·
November	0·2	0·3	0·5	0·6	0·6	0·5	0·6	0·6	0·6	0·9	1·5	2·3	2·7	2·9	2·9	2·3	1·1	0·3	0·3	0·4	0·3	0·3	0·3	0·
December	0.3	0·2	0·2	0·3	0·2	0·2	0·1	0·2	0·3	0·5	0·6	1·0	1·6	1·9	2·1	1·6	0·7	0·3	0·3	0·3	0·4	0·5	0·2	0·
Year	2·6	2·9	3·0	3·0	3·0	3·2	3·4	3·6	4·1	4·4	4·5	5·0	5·1	5·1	5·0	4·5	3·8	2·9	1·9	1·6	1·5	1·8	2·1	2·
PESHAWAR (46 FEET).																								
January	4·5	3·8	3·8	3·7	3·7	3·5	3·9	3·9	3·6	3·5	2·6	2·6	2·5	3·2	3·6	3·5	2·8	2·4	2·2	2·8	3·5	3·6	3·7	3·
February	3·6	3·7	3·8	4·0	4·7	4·4	4·6	4·9	3·9	2·7	2·5	2·9	2 9	2·8	3·3	4·0	4·0	3·3	2·9	2·1	2·5	3·3	4·0	3·
March	4·3	4·4	3·8	3·7	4·6	4·6	4·5	4·1	3·0	2·6	3·4	4·0	4·4	4·8	5·0	5·2	4·8	4·0	3·3	2·9	3·8	4·7	5·0	4·
April	2·3	2·0	2·5	2 0	2·0	2·0	2·1	2·0	1·2	1·6	1·9	2·3	2 6	3·0	3 1	2·9	2·7	2·9	1·8	1·7	1·9	2·5	2·3	2·
May	3·5	3·5	3·4	2·7	2·8	2·6	2·8	2·8	3·2	4·4	4·6	4·8	4·5	4·3	4·3	5·2	5·3	4·9	3·7	2·0	2·3	2·7	3·5	3·
June	1·7	2·2	1·9	2·3	2·9	2·4	2·8	3·0	3·1	3·0	3·3	3·5	3·1	3·4	3·7	3·8	4·3	4·1	4·3	3·4	2·3	2·0	1 9	1·
July	1·9	1·7	2·1	2·1	2·5	2·6	2·5	2·3	2·2	2·4	2·8	3·0	3·2	3·3	3·5	1·5	2·3	2·0	1·7	3·5	2·8	2·3	2·2	1·
August	1·8	1·6	2·1	2·2	2·3	2·0	2·3	2·4	2·6	2·8	2·8	2·8	3·0	3·2	1·1	4·7	5·1	5·2	4·2	3·5	2·8	2·3	2·0	1 7
September	2·1	2·2	2·1	1·9	1·7	1·6	1·3	1·1	1·3	1·4	2·0	2·2	2·5	2·6	2·5	2·9	3·7	3·5	3·0	2·3	2·6	2·6	2·5	0·4
October	2·8	3·0	2·8	3·0	2·9	2·8	2·9	2·6	2·2	1·2	1·6	1·9	2·1	2·4	2·4	2·3	2·1	1·9	1·3	1·4	2·0	2·6	2·6	2·6
November	3 2	3·1	3·0	3·2	3·5	3·0	2·4	2·4	1·8	1·0	1·5	1·8	1·8	1·8	2·2	1·9	1·6	1·2	1·0	1·9	3·3	3·5	3·5	3·7
December	2·6	1·9	2·2	2·2	2·3	2·2	2·6	2·5	2·3	1·2	0·8	0·9	1·2	1·6	1·6	1·6	1·0	0·8	1·0	1·4	2 1	2·6	2·3	2·1
Year	2·9	2·8	2·8	2·7	3·0	2·8	2·9	2·8	2·5	2·3	2·5	2·7	2·8	3·0	3·0	3·3	3·3	3·0	2·5	2·4	2·7	2·9	3·0	2·8
KARACHI (DRIGH ROAD) (50 FEET).																								
January	4·1	3·9	4·0	4·0	4·3	4·4	4·4	4·5	4·5	4·7	7·2	8·8	8·1	7·8	7·4	8·4	8·7	8·9	7·7	6·0	4·3	3·2	3·0	3·0
February	3·6	4·5	5·1	5·0	4·5	4·3	4·1	4·5	3·6	5·5	8·0	8·6	8·4	8·7	9·4	10·1	11·2	11·1	10·1	7·8	6·6	4·9	4·0	4·2
March	4·5	4·6	4·8	4·5	4·1	4·5	4·1	3·1	3·8	6·9	8·4	9·1	10·4	12·2	12·8	13·5	14·1	14·2	13·5	11·9	9·6	8·0	6·3	5·3
April	4·0	4·0	3·4	3·5	4·1	3·6	3·0	3·0	5·7	6·9	8·6	9·9	12·0	14·6	16·0	16·4	16·5	15·4	13·9	11·0	8·5	7·6	5·4	4·3
May	8·8	8·1	8·2	7·8	8·3	8·3	7·6	9·0	11·8	13·4	15·1	15·4	15·9	16·7	17·7	18·3	18·1	17·1	16·7	14·5	12·2	11·1	10·3	9·1
June	10·2	9·8	8·8	8·6	8·5	7·6	7·6	9·7	11·8	12·4	13·5	14·9	15·7	16·2	16·9	17·2	17·0	16·6	15·4	14·6	13·4	12·3	11·3	10·6
July	11·0	10·7	10·2	10·0	10·1	9·5	9·2	10·7	12·1	13·3	14·4	15·7	17·0	17·0	17·2	17·2	17·1	16·1	15·6	14·5	12·8	12·1	11·5	11·3
August	12 0	11·7	11·5	11·5	11·4	10·7	10·8	11·6	13·5	15·0	16·1	16·8	17·5	17·8	18·0	18·0	18·0	17·7	16·3	14·8	13·5	12·7	12·2	12·1
September	8·7	8·6	8·4	8·5	8·2	8·3	8·2	8·5	11·2	12·3	13·4	14·3	15·3	16·2	17·0	17·3	17·0	16·5	14·7	12·9	11·0	10·0	9·2	9·0
October	3·6	3·3	3·5	3·0	2·7	1·9	2·3	2·6	4·3	5·9	6·6	8·2	9·3	10·3	12·0	13·2	13·8	12·9	10·7	8·3	6·3	4·6	3·2	3·1
November	3·7	4·4	4·8	4·2	4·1	4·5	4·3	4·0	3·9	5·3	7·1	8·4	8·2	8·2	9·3	9·7	10·1	10·1	7·9	5·8	4·4	3·7	4·1	3·6
December	5·0	5·3	5·6	6·0	6·2	6·3	5·6	5·7	5·6	5·8	8·5	9·3	9·1	8·5	8·3	9·0	9·7	9·6	7·5	6·5	5·9	4·7	4·6	4·9
Year	6.6	6·6	6·5	6·4	6·4	6·1	5·9	6·4	7·7	8·9	10·6	11·6	12·2	12·9	13·5	14·0	14·3	13·9	12·5	10·7	9·0	7·9	7·1	6·7
*** BOMBAY (85 FEET).**																								
January	5·4	5·1	5·3	5·3	5·5	5·4	5·0	5·3	5·5	5·2	5·6	6·7	7·9	8·7	9·7	10·6	11·5	11·7	11·1	9·8	8·2	7·0	6·1	6·0
February	4·8	4·5	5·2	5·9	5·8	5·8	5·4	6·2	6·4	6·1	5·9	6·7	8·0	9·3	10·4	11·2	11·4	11·3	10·1	8·8	7·4	6·1	5·5	4·9
March	7·2	6·6	5·9	5·2	5·0	4·7	4·5	4·6	4·9	5·5	6·7	8·4	9·8	11·1	12·1	12·7	12·2	11·5	10·3	8·3	6·5	6·5	6·6	6·7
April	6·4	6·1	5·9	5·6	5·5	5·1	4·7	4·3	4·5	5·2	6·5	7·9	9·4	10·5	11·6	11·9	11·0	9·9	8·3	7·5	7·2	6·8	6·7	6·6
May	6·2	5·8	5·7	5·8	5·2	5·2	5·5	6·0	6·4	7·1	7·5	8·5	9·2	10·3	11·1	11·1	10·8	10·2	9·0	8·7	7·9	7·3	6·8	6·1
June	12·4	12·2	12·2	11·6	12 0	12·6	13·0	12·9	13·1	12·4	13·2	13·7	13·8	13·1	13·3	13·5	13·2	13·6	13·0	12·6	12·4	11·6	11·6	12·6
July	11·8	11·8	11·8	12·1	12·3	12·7	12·5	12·6	12·4	12·0	12·6	12·3	12·4	12·8	12·9	12·8	12·5	12·5	12·1	11·6	11·2	10·7	11·1	11·3
August	9·7	10·1	10·4	10·9	10·6	10·2	10·5	10·4	10·8	10·3	10·0	10·9	10·9	10·7	11·2	11·5	10·9	10·8	10·4	9·9	9·5	9·5	9·0	9·3
September	5·1	5·3	5·6	5·6	5·2	4·9	4·7	4·9	5·1	5·2	5·9	7·5	8·0	9·0	9·6	10·1	10·0	9·3	7·7	6·7	5·9	5·4	5·3	5·3
October	7·5	7·7	8·7	8·5	8·4	8·3	8·2	8·4	8·5	7·3	7·5	8·5	9·2	9·8	10·5	11·1	11·2	11·3	10·7	10·4	9·9	8·7	7·9	7·6
November	5·3	5·8	6·2	6·7	7·2	7·5	7·5	7·4	7·2	6·8	6·0	6·0	6·7	7·8	8·6	10·0	10·4	10·3	10·1	9·4	8·0	6·2	5·1	5·1
December	4·8	5·0	5·3	6·2	6·9	7·6	8·0	8·2	7·9	7·5	6·6	5·4	4·7	4·9	6·3	7·6	7·8	7·9	8·3	7·8	7·1	6·0	4·6	4·5
Year	7·2	7·2	7·3	7·5	7·5	7·5	7·5	7·6	7·7	7·5	7·8	8·5	9·2	9·8	10·6	11·2	11·1	10·9	10·1	9·3	8·4	7·7	7·2	7·2

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

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

TABLE VIII.—MEAN HOURLY WIND VELOCITY IN MILES PER HOUR AT 11 STATIONS FOR THE YEAR 1938.

Hour (I. S. T.). / ath.	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	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24
* BANGALORE (55 FEET).																								
ıary	7·4	7·3	7·0	7·5	7·6	6·7	6·6	7·5	9·2	10·8	11·6	11·5	11·6	12·0	11·5	11·0	10·6	9·4	8·1	8·6	8·5	7·6	8·3	7·5
ruary	9·1	7·6	6·4	6·0	5·6	4.9	5·0	5·6	7·3	8·8	8·3	8·2	8·1	8·3	7·9	8·0	7·8	7·6	7·9	8·9	10·5	11·8	10·9	9·6
ch	6·5	5·9	5·3	5·1	5·0	4·5	4·2	4·9	6·4	7·7	8·2	9·3	10·3	11·1	10·3	10·8	10·2	9·1	7·4	7·6	8·4	8·4	8·2	6·8
l	6·9	5·9	4·9	5·1	4·5	4·5	4·7	6·3	6·4	7·0	6·7	7·0	7·6	8·4	8·6	9·2	10·0	9·5	7·9	8·0	8·1	8·5	8·3	7·5
	11·3	10·8	11·4	11·5	10·7	10·6	11·4	12·9	13·6	14·7	14·2	13·2	12·6	12·2	11·6	11·0	10·3	9·9	8·6	8·4	9·5	10·2	12·1	11·8
	13·5	13·1	12·3	11·9	11·6	11·5	12·2	14·3	17·2	18·9	21·4	20·1	19·9	19·0	19·1	18·0	17·6	16·5	15·8	15·2	14·7	14·4	13·6	13·0
	12·1	11·3	11·5	11·1	11·0	10·9	11·2	12·7	14·6	16·6	17·5	16·7	16·5	16·8	15·1	14·7	14·3	13·5	12·4	11·8	12·6	11·7	11·4	11·7
ıst	10·0	10·0	9·3	9·3	9·1	8·7	9·6	10·2	12·0	12·5	13·8	12·9	12·3	11·6	10·9	11·1	10·5	9·5	8·9	7·4	8·4	8·6	9·2	9·7
ember	9·7	10·2	9·6	9·6	9·4	9·3	9·3	10·2	10·9	11·3	12·3	12·1	11·9	11·6	11·3	11·1	10·4	8·8	7·2	7·3	8·0	9·2	9·8	9·8
ber	7·6	7·8	7·6	8·0	8·1	8·4	8·5	9·9	11·1	12·2	12·9	12·2	11·5	11·6	10·8	10·8	10·3	8·3	7·9	7·7	7·7	8·0	7·6	7·6
mber	7·1	6·4	6·0	6·4	5·8	5·5	5·4	7·1	8·3	9·3	9·0	8·6	9·0	8·3	7·9	8·1	7·7	5·7	5·2	5·6	5·6	6·1	6·6	6·6
mber	8·6	8·9	8·8	8·2	8·1	8·0	8·1	8·9	10·1	11·1	10·8	9·5	9·5	9·4	9·2	9·0	7·9	6·5	5·9	6·3	7·1	6·9	7·4	8·3
	9·1	8·8	8·3	8·3	8·0	7·8	8·0	9·2	10·6	11·7	12·2	11·8	11·7	11·7	11·2	11·1	10·0	9·5	8·6	8·6	9·1	9·3	9·5	9·2
MADRAS (117 FEET).																								
ıry	8·0	7·7	7·6	7·0	6·5	6·3	5·7	5·6	6·0	7·3	7·9	8·1	8·3	8·5	8·6	8·9	9·2	9·2	9·2	9·1	9·2	8·9	8·7	8·1
uary	8·3	7·8	7·3	6·6	6·5	6·6	6·2	5·7	6·0	6·8	7·6	7·8	8·6	9·3	9·7	9·6	9·5	9·6	9·5	9·1	9·4	9 2	9 1	8·7
a	7·0	6·2	5·0	4·6	4·4	4·4	4·5	4·5	5·1	5·7	6·8	7·9	8·7	9·1	9·3	8·9	8·4	8·2	8·0	8·0	8·5	8·5	7·9	7·4
	6·0	5 2	4·0	3·5	3·2	2·8	2·8	3·6	4·5	5·3	6·8	7·7	8·7	8·4	8·6	8·8	8·9	8·6	8·2	8·2	8·4	8·4	7·8	7·1
	11·4	10·7	9·3	8·6	8·2	8·3	7·7	8·2	9·2	9·9	9·9	9·9	10·5	10·8	10·8	10·8	10·6	10·7	10·4	10·9	11·6	12 2	12·6	12·1
	7·9	8·1	7·6	7·1	6·7	6·9	7·1	7·8	9·5	10·2	10·6	10·0	10·0	9·2	9·1	9·2	8·8	8·7	9·1	9·3	9·6	9·5	8·3	8·2
	7·1	7·5	7·3	7·5	7·6	8·1	8·3	8·8	10·1	10·5	10·3	9·3	9·3	9·6	9·4	9·3	9·0	8·7	8·5	8·5	9·4	9·7	8·7	7·6
ıt	7·7	7·5	7·0	7·1	7·1	7·0	6·7	7·1	7·4	8·5	9·6	9·2	10·1	10·2	9·8	9·5	9·2	8·5	8·5	8·8	8·7	8·3	8·4	8·4
nber	7·2	6·9	6·5	6·8	6·1	5·7	5·9	6·2	6·9	7·0	6·9	7·1	7·6	7·9	7·6	7·4	7·3	6·9	6·9	7·1	6·9	6·7	6·7	6·9
er	6·9	7·4	8·0	8·2	8·3	8·3	7·9	8·5	9·5	9·8	10·5	10·2	10·8	10·1	10·0	9·5	8·9	8·5	8·0	8·8	8·3	7·9	7·7	7·5
nber	8·6	8·3	7·8	7·3	7·2	6·9	6·9	6·7	7·1	8·3	9·7	10·7	11·2	11·4	11·7	11·7	11·8	11·7	11·1	11·1	11·2	10·9	10·5	9·5
ıber	11·9	11·5	11·6	10·9	10·3	9·8	9·1	9·2	9·7	10·8	11·9	12·0	12·1	12·0	12·2	12·4	12·3	12·6	12·7	12·7	12·7	13·0	12·5	12·2
	8·2	7·9	7·4	7·1	6·8	6·8	6·6	6·8	7·6	8·3	9·0	9·2	9·7	9·7	9·7	9·7	9·5	9·3	9·2	9·3	9·5	9·4	9·1	8·6
KODAIKANAL (49 FEET).																								
ry	5·1	5·6	5·8	5·8	5·9	6·4	6·8	6·8	7·2	8·0	7·8	7·6	6·8	6·3	5·5	4·4	3·2	2·7	3·1	4·2	4·2	4·3	5·0	5·1
ary	4·5	4·7	4·8	4·5	4·2	4·4	4·4	4·2	5·0	5·3	6·7	6·4	6·0	5·5	5·0	4·0	3·1	2·3	2·1	3·0	2·9	4·1	4·2	4·3
	6·8	6·5	6·3	7·2	7·5	7·5	7·2	7·5	8·4	9·4	10·3	10·2	9·5	8·2	7·0	6·4	5·5	4·5	3·7	4·2	5·1	5·6	5·8	6·8
	4·8	4·8	4·9	5·4	5·5	5·6	6·0	6·6	7·2	7·3	7·5	6·7	6·0	5·9	5·7	4·8	4·1	3·1	2·5	2·2	3·3	3·3	4·0	4·7
	4·5	4·3	4·3	3·9	3·8	3·7	3·3	3·0	3·8	3·9	5·1	5·1	4·9	4·9	4·6	4·5	4·2	3·6	3·6	4·1	4·0	3·9	3·8	4·3
	10·7	11·7	11·0	10·5	10·7	11·4	10·8	10·5	9·9	9·7	9·6	9·6	9·1	8·5	8·6	7·9	8·3	8·9	10·0	9·9	10·7	11·0	10·3	10·7
	11·1	10·7	10·8	10·3	10·8	10·7	10·9	9·9	9·2	9·1	9·3	8 3	7·3	7·5	7·0	7·0	7·5	8·3	8·7	9·1	9·7	10·2	9·8	9·6
t	6·5	6·4	7·0	7·1	7·0	6·7	6·3	5·6	5·1	5·2	5·0	4·9	4·8	4·4	4·5	4·6	5·0	4·7	4·9	5·7	5·8	5·4	5·3	6·2
nber	6·1	6·2	6·6	6·9	6·2	6·5	5·8	5·8	5·6	5·6	5·8	6·2	5·8	5·4	5·2	4·4	4·8	4·6	5·4	5·8	6·1	5·6	5·6	6·0
er	6·9	7·0	6·1	6·2	5·5	5·5	5·0	5·4	5·3	5·5	6·0	5·8	6·2	5·0	5·5	5·1	5·5	5·8	6·2	6·5	6·7	6 5	6·1	6·8
ıber	6·1	6·4	5·9	5·8	6·1	5·7	5·8	5·8	5·9	5·7	5·6	5·9	5·8	5·4	4·9	4·1	3·0	3·1	3·7	4·9	5·1	5·9	6·3	6·1
ıber	6·5	6·9	6·4	7·2	7·0	6·6	7·0	7·4	7·5	7·0	7·6	7·7	8·1	7·3	6·5	5·9	5·3	5·4	5·6	6·5	6·6	6·7	6·7	6·7
	6·6	6·8	6·7	6·7	6·7	6·7	6·6	6·5	6·6	6·8	7·2	7·0	6·7	6·3	5·8	5·3	4·9	4·7	4·9	5·5	5·9	6·0	6·1	6·4

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

TABLE IX.—NUMBER OF DAYS IN EACH MONTH AND THE YEAR ON WHICH THE NILGIRIS WERE VISIBLE FROM KODAIKANAL IN 1938.

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

Month.	Very clear.	Visible.	Just visible.	Top only visible.	Total.
1	2	3	4	5	6
January	6	13	..	6	25
February	..	9	..	12	21
March	..	5	..	4	9
April	1	1	..	3	5
May	3	2	..	4	9
June	..	3	..	3	6
July	..	7	..	6	13
August	14	1	..	7	22
September	9	1	..	7	17
October	..	..	..	4	4
November	4	5	..	5	14
December	3	3	..	2	8
Year	40	50	..	63	153

RAINFALL TABLES X TO XV.

TABLE X.—AVERAGE OVER THE 16 CHIEF POLITICAL DIVISIONS OF THE

DIVISION.	JANUARY.			FEBRUARY.			MARCH			APRIL.			MAY.			JUNE.		
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	"	"		"	"		"	"		"	"		"	"		"	"	
Burma .	0·15	+0·04	+36	0·33	+0·11	+50	0·26	−0·22	−46	1·61	+0·29	+22	15·51	+6·78	+78	13·57	−2·36	−15
Assam . .	1·13	+0·45	+66	0·61	−0·92	−60	5·25	+1·23	+31	8·61	−0·45	−5	9·76	−2·23	−19	20·02	+1·92	+11
Bengal . .	0·36	+0·02	+6	1·01	+0·07	+7	0·27	−1·38	−84	1·68	−1·59	−49	16·68	+9·03	+118	16·99	+2·42	+17
Orissa . .	0·43	+0·02	+5	0·67	−0·38	−36	0·56	−0·46	−45	0·47	−1·02	−68	5·49	+2·26	+70	9·33	+0·02	0
Bihar . . .	0·76	+0·23	+43	0·88	+0·04	+5	0	−0·61	−100	0·06	−0·56	−90	4·07	+1·87	+85	11·89	+3·79	+47
United Provinces.	1·46	+0·70	+92	0·47	−0·22	−32	0·01	−0·46	−98	0·05	−0·20	−80	0·75	+0·07	+10	8·43	+4·08	+92
Punjab . .	1·63	+0·60	+58	0·91	+0·02	+2	0·15	−0·69	−82	0·32	−0·23	−42	0·13	−0·44	−77	3·68	+1·94	+111
North-West Frontier Province.	1·25	−0·04	−3	1·14	−0·07	−6	1·85	−0·05	−3	0·84	−0·71	−46	0·39	−0·40	−51	1·91	+1·03	+117
Sind . . .	0·12	0	0	0	−0·18	−100	0·01	−0·17	−94	0·04	−0·06	−60	0·06	−0·19	−76	0·39	+0·05	+15
Rajputana . .	0·23	−0·07	−23	0·01	−0·26	−96	0·01	−0·19	−95	0·01	−0·15	−94	0·22	−0·28	−56	4·63	+2·38	+106
Bombay .	0·01	−0·11	−92	0·02	−0·06	−75	0·58	+0·47	+427	0·35	−0·03	−8	1·57	+0·54	+52	13·87	+5·22	+60
Central India .	0·78	+0·32	+70	0·04	−0·34	−89	0·05	−0·17	−77	0·02	−0·14	−87	0·87	+0·39	+81	10·50	+5·62	+115
Central Provinces and Berar.	0·60	+0·09	+18	0·52	−0·28	−35	0·30	−0·23	−43	0·20	−0·26	−57	1·25	+0·58	+87	12·78	+4·91	+62
Hyderabad .	0	−0·21	−100	1·04	+0·77	+285	0 89	+0·47	+112	0·36	−0·32	−47	1·26	+0·35	+38	7·50	+2·65	+55
Mysore . .	0	−0·12	−100	0·16	+0·03	+23	0·55	+0·24	+77	1·43	−0·03	−2	1·98	−1·60	−45	4·83	+0·03	+1
Madras . .	0·03	−0·73	−96	2·34	+1·91	+444	1·24	+0·54	+77	2·37	+0·61	+35	3·05	−0·51	−14	7·95	−0·04	−1
Mean of India (Excluding Burma).	0·56	+0·06	+12	0·68	+0·09	+15	0·59	−0·11	−16	0·87	−0·26	−23	2·79	+0·69	+33	9·28	+2·76	+42

MONTHLY AND ANNUAL RAINFALL, WITH ITS DEPTURE FROM NORMAL IN 1938.

JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			YEAR.		
Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
"	"		"	"		"	"		"	"		"	"		"	"		"	"	
14·59	−2·65	−15	15·26	−1·63	−10	12·70	+0·53	+4	10·64	+4·15	+64	2·94	+0·73	+33	0·02	−0·46	−96	87·58	+5·31	+6
18·80	+0·13	+1	16·25	−0·57	−3	15·20	+2·67	+21	6·42	+0·77	+14	2·09	+1·17	+127	0·03	−0·32	−91	104·17	+3·85	+4
14·32	−0·88	−6	15·51	+1·26	+9	10·76	−0·13	−1	3·97	−1·06	−21	1·18	+0·39	+49	0	−0·16	−100	82·73	+7·99	+11
9·72	−2·83	−23	11·81	−0·92	−7	7·93	−1·07	−12	7·28	+2·33	+47	0·67	−0·87	−56	0	−0·28	−100	54·36	−3·20	−6
11·90	−0·57	−5	14·47	+1·61	+13	7·86	−0·63	−7	1·35	−1·20	−47	0·05	−0·27	−84	0	−0·11	−100	53·29	+3·59	+7
13·31	+1·81	+16	11·16	−0·04	0	4·69	−1·70	−27	0·94	−0·40	−30	0·02	−0·15	−88	0	−0·29	−100	41·29	+3·15	+8
3·51	−1·83	−34	3·33	−2·13	−39	0·36	−2·43	−87	0·20	−0·11	−35	0·01	−0·11	−92	0·06	−0·33	−85	14·29	−5·74	−29
1·99	−0·65	−25	2·63	−0·61	−19	0·47	−0·74	−61	0·24	−0·10	−29	0·02	−0·27	−93	0·40	−0·15	−27	13·13	−2·76	−17
1·09	−0·59	−35	1·73	−0·45	−21	0·01	−0·96	−99	0	−0·15	−100	0	−0·03	−100	0·06	−0·01	−14	3·51	−2·74	−44
6·87	+0·11	+2	3·69	−3·14	−46	0·34	−2·95	−90	0·27	−0·19	−41	0	−0·13	−100	0	−0·17	−100	16·28	−5·04	−24
13·78	−1·01	−7	8·19	−1·26	−13	5·92	−0·53	−8	5·06	+2·54	+101	0·35	−0·39	−53	0·04	−0·14	−78	49·74	+5·24	+12
14·11	+3·04	+27	8·65	−2·92	−25	1·85	−3·72	−67	2·42	+1·46	+152	0	−0·42	−100	0	−0·19	−100	39·29	+2·93	+8
15·57	+2·41	+18	12·28	−0·07	−1	7·48	+0·32	+4	4·47	+2·52	+129	0·06	−0·44	−88	0	−0·32	−100	55·51	+9·23	+20
9·30	+2·31	+33	8·57	+2·04	+31	9·32	+1·79	+24	2·32	−0·26	−10	0	−0·89	−100	0·01	−0·26	−96	40·57	+8·45	+26
4·95	−2·21	−31	9·35	+4·12	+79	6·45	+1·26	+24	0·98	−4·32	−82	0·69	−1·74	−72	0·07	−0·38	−84	31·44	−4·72	−13
8·29	+0·09	+1	7·35	+0·91	+14	7·40	+1·52	+26	4·33	−3·50	−45	2·53	−3·65	−59	0·25	−0·91	−42	48·13	−3·76	−7
10·34	+0·13	+1	8·76	−0·47	−5	5·49	−0·67	−11	2·79	+0·08	+3	0·51	−0·61	−54	0·15	−0·30	−67	42·81	+1·39	+3

TABLE XI.—AVERAGE OVER THE 33 SUB-DIVISIONS OF THE MONTHLY AND ANNUAL

SUB-DIVISION.	JANUARY.					FEBRUARY.					MARCH.				
	RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Bay Islands*	2·0	0	0·53	—1·10	—68	5·0	+3·8	2·25	+1·38	+159	1·5	+0·8	0·99	+0·54	+120
2. Lower Burma	0·2	—0·1	0·10	—0·01	—9	0·7	+0·4	0·30	+0·07	+30	0·5	—0·2	0·25	—0·29	—54
3. Upper Burma	0·6	+0·3	0·20	+0·09	+82	0·8	+0·2	0·35	+0·13	+59	0·7	—0·3	0·27	—0·15	—36
4. Assam	2·7	+1·1	1·13	+0·45	+66	1·6	—1·8	0·61	—0·92	—60	8·2	+1·9	5·25	+1·23	+31
5. Bengal	0·8	+0·1	0·36	+0·02	+6	1·6	0	1·01	+0·07	+7	0·5	—2·0	0·27	—1·38	—84
6. Orissa	0·9	+0·2	0·43	+0·02	+5	1·3	—0·4	0·67	—0·38	—36	1·0	—0·8	0·56	—0·46	—45
7. Chota Nagpur	2·9	+1·5	1·35	+0·61	+82	3·3	+1·2	1·53	+0·39	+34	0	—1·8	0·01	—0·90	—99
8. Bihar	1·2	+0·3	0 48	+0·05	+12	2·0	+0·5	0·58	—0·12	—17	0	—1·1	0	—0·48	—100
9. United Provinces, East	2·6	+1·2	1·02	+0·39	+62	1·1	—0·2	0·41	—0·14	—25	0	—0·8	0	—0·33	—100
10. Do. do. West	2·8	+0·9	1·84	+0·97	+111	0·9	—0·7	0·52	—0·28	—35	0	—1·3	0·01	—0·58	—98
11. Punjab, East and North	2·8	+0·6	2 06	+0·85	+70	2·4	+0·4	1·00	—0·01	—1	0·5	—1·4	0·12	—0·79	—87
12 Do. Southwest	1·3	+0·1	0·35	—0·16	—31	2·2	+0·9	0·65	+0·12	+23	0·9	—0·8	0·26	—0·39	—60
13. Kashmir	7·7	+2·6	5·18	+1·57	+43	5·8	+0·8	5·30	+1·79	+51	6·5	+0·1	4·25	—0·30	—7
14. North-West Frontier Province	3·1	+0·7	1·25	—0·04	—3	2·8	+0·2	1·14	—0·07	—6	3·6	—0 1	1·85	—0·05	—3
15. Baluchistan	4·0	+1·5	2·38	+1·22	+105	1·4	—1·0	0·56	—0·60	—52	1·6	—1·2	0·65	—0·54	—45
16. Sind	0·4	+0·1	0·12	0	0	0	—0·5	0	—0·18	—100	0	—0·5	0·01	—0·17	—94
17. Rajputana, West	0·3	—0·2	0·11	—0·07	—39	0·1	—0·4	0·03	—0·20	—87	0	—0·5	0	—0·18	—100
18. Do. East	0 7	—0·2	0·29	—0·07	—19	0	—0·7	0	—0·29	—100	0	—0·6	0·01	—0·21	—95
19. Gujarat	0	—0·2	0	—0·09	—100	0	—0·2	0	—0·10	—100	0	—0·2	0	—0·07	—100
20. Central India, West	1·2	+0·4	0·40	+0·01	+3	0	—0·7	0	—0·30	—100	0·2	—0·2	0·05	—0·12	—71
21. Do. do. East	3·6	+2·1	2·13	+1·43	+204	0·6	—0·9	0·20	—0·49	—71	0·1	—0·8	0·03	—0·37	—93
22. Berar	0·6	—0·1	0·25	—0·14	—36	0·3	—0·4	0·13	—0 23	—64	0·8	+0·1	0·32	—0·01	—3
23. Central Provinces, West	2·3	+1·2	1·18	+0·53	+82	0·9	—0·5	0·39	—0·31	—44	0·7	—0·5	0·31	—0·26	—46
24. Do. do. East	0·8	—0·1	0·34	—0·13	—28	1·8	0	0·84	—0·28	—25	0·8	—0·5	0·29	—0·33	—53
25. Konkan	0	—0·2	0	—0·16	—100	0·1	0	0·02	—0·03	—60	0·4	+0·3	0·30	+0·24	+400
26. Bombay Deccan	0	—0·3	0·02	—0·13	—87	0·1	—0·1	0·04	—0·05	—56	1·9	+1·6	1·06	+0·91	+607
27. Hyderabad, North	0	—0·4	0	—0·22	—100	1·6	+1·0	1·17	+0·87	+290	1·8	+1·0	0·77	+0·34	+79
28. Do. South	0	—0·3	0	—0·19	—100	1·8	+1·3	0·91	+0·67	+279	1·6	+0·9	1·01	+0·60	+146
29. Mysore	0	—0·2	0	—0·12	—100	0·4	+0·2	0·16	+0·03	+23	0·9	+0·3	0·55	+0·24	+77
30. Malabar	0·1	—1·1	0·01	—0·86	—99	5·3	+4·4	4·30	+3·76	+696	3·3	+0·9	2·09	+0·65	+45
31. Madras, Southeast	0·2	—1·1	0·06	—0·93	—94	3·1	+2·4	2·27	+1·80	+383	2·4	+1·6	1·43	+0·92	+180
32. Do. Deccan	0	—0·4	0	—0·21	—100	0·1	—0·1	0·09	—0·05	—36	0·7	+0·3	0·39	+0·18	+86
33. Do. Coast, North	0·1	—0·4	0·01	—0·40	—98	1·7	+1·2	1·06	+0·72	+212	0·4	—0·2	0·17	—0·25	—60

* Rainfall data of Table Island for the months of January and February are not available.

RAINFALL AND NUMBER OF RAINY DAYS WITH THEIR DEPARTURES FROM NORMAL IN 1938.

APRIL.					MAY.					JUNE.					JULY.				
RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
5·5	+3·0	2·11	+0·56	+36	14·5	+1·2	14·26	+1·95	+16	22·5	+4·0	24·82	+7·60	+44	20·5	+2·0	13·17	−1·21	−8
3·0	+1·1	2·10	+0·70	+50	19·7	+7·1	18·74	+6·67	+55	23·4	+1·2	21·90	−3·61	−14	23·9	−0·2	24·91	−4·40	−15
2·5	0	1·20	−0·07	−6	14·6	+6·6	12·80	+6·87	+116	9·4	−1·5	6·57	−1·31	−17	8·9	−1·4	5·92	−1·18	−17
10·8	−1·2	8·61	−0·45	−5	12·9	−1·1	9·76	−2·23	−19	20·4	+2·6	20·02	+1·92	+11	20·5	+1·4	18·80	+0·13	+1
2·6	−1·9	1·68	−1·59	−49	13·0	+4·3	16·68	+9·03	+118	17·1	+2·8	16·99	+2·42	+17	17·0	+0·3	14·32	−0·88	−6
1·0	−1·7	0·47	−1·02	−68	8·5	+3·6	5·49	+2·26	+70	12·6	+1·4	9·33	+0·02	0	14·1	−1·0	9·72	−2·83	−23
0·1	−1·4	0·03	−0·66	−96	4·9	+1·2	2·80	+0·75	+37	12·1	+1·5	7·13	−1·70	−19	15·6	+0·3	10·37	−2·56	−20
0·2	−0·9	0·07	−0·52	−88	5·3	+2·1	4·64	+2·38	+105	12·6	+4·0	14·09	+6·32	+81	15·0	+1·6	12·57	+0·30	+2
0·1	−0·4	0·06	−0·13	−68	2·0	+0·7	1·22	+0·54	+79	11·2	+5·7	10·36	+5·56	+116	14·3	+1·7	15·06	+3·47	+30
0·2	−0·6	0·05	−0·25	−83	1·0	−0·5	0·34	−0·33	−49	8·5	+3·7	6·76	+2·71	+67	11·6	+0·2	11·80	+0·37	+3
1·1	−0·1	0·34	−0·21	−38	0·5	−0·9	0·16	−0·46	−74	5·6	+2·7	4·19	+2·14	+104	5·1	−1·7	4·46	−1·90	−30
0·8	−0·5	0·25	−0·27	−52	0·1	−0·9	0·04	−0·39	−91	3·1	+1·7	2·18	+1·36	+166	1·5	−1·6	0·89	−1·61	−64
4·7	−1·0	2·38	−1·13	−32	1·5	−2·3	0·74	−1·23	−62	6·2	+2·0	4·87	+2·39	+104	6·1	−1·6	6·12	−1·00	−14
2·2	−1·0	0·84	−0·71	−46	1·0	−0·7	0·39	−0·40	−51	4·2	+2·5	1·91	+1·03	+117	3·0	−0·6	1·09	−0·65	−25
1·4	−0·3	0·43	−0·20	−29	0·3	−0·4	0·15	−0·14	−48	0·6	0	0·22	−0·08	−27	2·6	+0·3	1·38	+0·38	+38
0·1	−0·2	0·04	−0·06	−60	0·2	−0·3	0·06	−0·19	−76	0·6	0	0·39	+0·05	+15	1·2	−0·5	1·09	−0·59	−35
0	−0·4	0·01	−0·15	−94	0·3	−0·6	0·17	−0·26	−60	3·6	+1·6	2·33	+1·00	+75	3·7	−0·9	3·64	+0·07	+2
0	−0·4	0·01	−0·15	−94	0·6	−0·7	0·24	−0·30	−56	7·9	+4·0	5·85	+3·11	+114	10·4	+0·6	8·66	+0·15	+2
0	−0·1	0	−0·03	−100	0·9	+0·3	0·65	+0·32	+97	9·9	+4·3	10·06	+4·87	+94	12·5	0	11·22	−1·40	−12
0·1	−0·2	0·02	−0·13	−87	1·6	+0·5	0·98	+0·50	+104	13·3	+7·4	10·93	+6·09	+126	13·7	+2·0	14·17	+3·64	+35
0·1	−0·4	0·01	−0·22	−96	1·5	+0·4	0·51	+0·05	+11	12·6	+6·9	9·07	+4·05	+81	15·0	+2·1	13·03	+1·05	+8
0·9	+0·2	0·25	+0·01	+4	2·5	+1·3	1·30	+0·75	+136	16·0	+8·0	12·42	+6·35	+105	17·3	+5·0	13·07	+3·85	+42
0·5	−0·2	0·20	−0·10	−33	2·4	+0·9	0·91	+0·31	+52	16·6	+8·0	12·99	+5·68	+78	18·5	+3·7	16·11	+2·79	+21
0·5	−1·0	0·18	−0·54	−75	3·9	+2·2	1·46	+0·68	+87	15·2	+5·2	12·82	+3·48	+37	18·8	+2·6	16·57	+1·30	+9
0·7	+0·1	0·32	−0·05	−14	3·2	+1·3	2·15	+0·61	+40	26·4	+8·2	40·29	+15·27	+61	27·1	+1·2	32·70	−6·08	−16
1·5	+0·2	0·60	−0·01	−2	2·9	+0·5	1·97	+0·64	+48	11·1	+3·2	7·12	+1·92	+37	13·8	+2·6	8·83	+1·07	+14
2·2	+0·9	0·44	−0·09	−17	2·8	+1·2	1·10	+0·33	+43	12·7	+5·0	9·15	+3·67	+67	17·9	+6·3	11·97	+4·06	+51
0·7	−1·0	0·27	−0·56	−67	2·9	+0·6	1·42	+0·37	+35	9·7	+2·9	5·85	+1·63	+39	11·9	+1·7	6·62	+0·56	+9
3·0	+0·3	1·43	−9·03	−2	3·3	−2·3	1·98	−1·60	−45	7·7	+0·5	4·83	+0·03	+1	8·2	−1·5	4·95	−2·21	−31
9·2	+3·6	6·53	+2·76	+73	7·4	−1·5	5·51	−1·76	−24	21·7	+1·4	22·33	−1·35	−6	18·9	−1·0	20·51	−1·68	−8
2·8	+0·8	1·45	+0·16	+12	3·1	−0·7	1·95	−0·59	−23	3·0	+0·1	1·68	+0·12	+8	4·2	+0·4	3·27	+1·07	+49
0·4	−0·8	0·12	−0·50	−81	3·3	+0·3	1·94	+0·29	+18	6·3	+1·9	2·94	+0·57	+24	7·6	+1·3	2·71	−0·53	−16
0·2	−1·0	0·08	−0·66	−89	4·1	+1·3	2·78	+0·92	+49	8·3	+2·3	5·30	+1·03	+24	10·2	+1·3	6·07	+0·56	+10

TABLE XI.—AVERAGE OVER THE 33 SUB-DIVISIONS OF THE MONTHLY AND ANNUAL

SUB-DIVISION.	AUGUST.					SEPTEMBER.					OCTOBER.				
	RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
1. Bay Islands	18·5	+0·8	14·37	+1·29	+10	17·0	−0·8	15·43	+0·72	+5	12·0	−0·9	11·21	+2·43	+28
2. Lower Burma	24·9	+1·1	23·75	−3·39	−12	20·0	+1·5	18·13	+0·86	+5	13·8	+3·5	13·26	+5·57	+72
3. Upper Burma	11·8	+0·1	8·12	−0·16	−2	10·9	+0·2	8·15	+0·27	+3	10·5	+3·1	8·45	+2·97	+54
4. Assam	17·2	−0·7	16·25	−0·57	−3	14·5	+0·7	15·20	+2·67	+21	7·6	+0·9	6·42	+0·77	+14
5. Bengal	16·4	−0·2	15·51	+1·26	+9	11·0	−1·2	10·76	−0·13	−1	5·5	+0·2	3·97	−1·06	−21
6. Orissa	16·8	+1·2	11·81	−0·92	−7	11·4	−0·6	7·93	−1·07	−12	7·2	+1·5	7·28	+2·33	+47
7. Chota Nagpur	16·9	+0·4	13·46	−0·35	−3	11·1	+1·0	7·92	−0·11	−1	3·5	−0·3	1·74	−1·17	−40
8. Bihar	15·0	+1·7	14·91	+2·47	+20	9·2	+0·3	7·83	−0·88	−10	2·2	−0·5	1·16	−1·21	−51
9. United Provinces, East	13·6	+0·8	14·17	+2·82	+25	7·3	−0·1	7·99	+1·09	+16	2·7	+1·0	1·40	−0·48	−26
10. Do. do. West	10·4	−1·0	8·58	−2·49	−22	2·9	−3·1	1·86	−4·09	−69	1·0	+0·1	0·55	−0·32	−37
11. Punjab, East and North	5·0	−1·8	3·99	−2·45	−38	0·8	−2·5	0·29	−3·07	−91	0·6	0	0·26	−0·12	−32
12. Do. Southwest	2·0	−1·1	1·39	−1·19	−46	1·2	−0·2	0·57	−0·56	−50	0	−0·2	0·01	−0·10	−91
13. Kashmir	6·5	−1·9	5·86	−1·75	−23	1·2	−2·8	0·52	−3·01	−85	1·8	+0·1	0·96	−0·11	−10
14. North-West Frontier Province	3·9	−0·2	2·63	−0·61	−19	1·1	−0·9	0·47	−0·74	−61	0·6	−0·1	0·24	−0·10	−29
15. Baluchistan	1·0	−0·6	0·43	−0·54	−56	0·1	−0·4	0·04	−0·22	−85	0	−0·3	0	−0·02	−100
16. Sind	2·2	−0·4	1·73	−0·45	−21	0	−1·2	0·01	−0·96	−99	0	−0·2	0	−0·15	−100
17. Rajputana, West	2·7	−2·4	2·04	−2·12	−51	0·4	−2·1	0·11	−1·95	−95	0·2	−0·2	0·06	−0·26	−81
18. Do. East	7·1	−2·7	4·61	−3·69	−44	1·0	−3·9	0·47	−3·50	−88	0·7	0	0·39	−0·14	−26
19. Gujarat	7·4	−3·4	4·47	−3·71	−45	1·8	−3·9	0·81	−3·82	−83	2·1	+0·9	1·19	+0·27	+29
20. Central India, West	10·0	−1·9	7·93	−3·17	−29	2·2	−4·1	1·23	−4·01	−77	3·3	+2·2	2·44	+1·62	+201
21. Do. do. East	13·9	−0·2	11·05	−2·10	−16	5·6	−2·2	4·05	−2·70	−40	3·5	+1·8	2·36	+0·88	+59
22. Berar	10·3	0	5·76	−1·22	−17	7·8	0	6·40	+0·55	+9	4·7	+2·4	3·10	+1·52	+96
23. Central Provinces, West	16·4	+1·9	12·68	−0·15	−1	7·2	−2·1	4·89	−2·70	−36	5·8	+3·4	4·58	+2·75	+150
24. Do. do. East	18·5	+2·6	15·60	+0·63	+4	12·2	+2·4	10·10	+2·53	+33	6·2	+3·3	5·14	+2·89	+128
25. Konkan	23·3	−1·0	21·59	−2·15	−9	14·9	−0·2	11·53	−0·85	−7	7·0	+1·4	13·97	+9·73	+229
26. Bombay Deccan	9·9	+0·7	5·97	+0·66	+12	9·2	+1·1	7·33	+1·75	+31	5·0	+0·5	4·50	+1·51	+51
27. Hyderabad, North	12·7	+2·0	8·42	+1·33	+19	12·6	+2·5	10·23	+1·90	+23	4·3	+1·2	3·16	+0·98	+45
28. Do. South	12·9	+3·1	8·71	+2·73	+46	12·5	+3·0	8·42	+1·68	+25	3·0	−1·3	1·38	−1·65	−54
29. Mysore	14·5	+5·8	9·35	+4·12	+79	8·9	+0·8	6·45	+1·26	+24	2·6	−5·2	0·98	−4·32	−82
30. Malabar	14·9	−1·2	9·80	−2·72	−22	11·5	+0·1	8·47	+0·65	+8	10·5	−2·9	7·19	−4·00	−36
31. Madras, Southeast	7·2	+1·8	5·46	+1·84	+51	6·5	+0·4	4·72	+0·22	+5	4·5	−4·3	3·81	−3·28	−46
32. Do. Deccan	13·2	+6·6	9·52	+5·63	+144	11·4	+3·4	9·71	+3·94	+68	1·8	−3·9	0·66	−3·50	−84
33. Do. Coast, North	10·0	+1·1	7·11	+1·19	+20	11·5	+2·9	10·68	+4·25	+66	4·3	−2·9	3·63	−3·32	−48

RAINFALL AND NUMBER OF RAINY DAYS WITH THEIR DEPARTURES FROM NORMAL IN 1938—*contd.*

NOVEMBER.					DECEMBER.					YEAR.				
RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
52	53	54	55	56	57	58	59	60	61	62	63	64	65	66
		"	"				"	"				"	"	
12·5	+3·0	8·60	+1·02	+13	3·0	—2·0	2·29	—2·35	—51	134·5	+14·9	110·03	+12·83	+13
3·9	+0·5	3·17	+0·53	+20	0·1	—0·6	0·05	—0·46	—90	134·1	+15·3	126·66	+2·24	+2
2·8	—0·1	2·74	+0·90	+49	0	—0·8	0	—0·46	—100	73·5	+6·4	54·77	+7·90	+17
2·9	+1·4	2·09	+1·17	+127	0·1	—0·7	0·03	—0·32	—91	119·4	+4·5	104·17	+3·85	+4
1·2	+0·2	1·18	+0·39	+49	0	—0·3	0	—0·16	—100	86·7	+2·3	82·73	+7·99	+11
1·4	—0·2	0·67	—0·87	—56	0	—0·4	0	—0·28	—100	76·2	+2·8	54·36	—3·20	—6
0·2	—0·5	0·07	—0·32	—82	0	—0·3	0	—0·14	—100	70·6	+2·8	46·41	—6·16	—12
0·1	—0·3	0·04	—0·24	—86	0	—0·2	0	—0·09	—100	62·8	+7·5	56·37	+7·98	+16
0	—0·3	0·01	—0·18	—95	0	—0·5	0	—0·22	—100	54·9	+8·8	51·70	+12·39	+32
0·1	—0·2	0·02	—0·13	—87	0	—0·7	0	—0·35	—100	39·4	—3·2	32·33	—4·77	—13
0	—0·3	0·01	—0·12	—92	0·2	—0·7	0·06	—0·38	—86	24·6	—5·7	16·88	—6·52	—28
0	—0·2	0	—0·08	—100	0·2	—0·3	0·05	—0·17	—77	13·3	—3·1	6·64	—3·44	—34
0·6	—0·3	0·24	—0·24	—50	2·1	—1·0	1·20	—0·76	—39	50·7	—5·3	37·62	—3·78	—9
0	—0·5	0·02	—0·27	—93	0·8	—0·3	0·40	—0·15	—27	26·3	—1·0	13·13	—2·76	—17
0·2	—0·4	0·08	—0·18	—69	1·0	—0·5	0·40	—0·24	—37	13·6	—3·3	6·77	—1·16	—15
0	0	0	—0·03	—100	0·2	0	0·06	—0·01	—14	4·9	—3·7	3·51	—2·74	—44
0	—0·1	0	—0·08	—100	0	—0·2	0·01	—0·10	—91	11·3	—6·4	8·51	—4·30	—34
0	—0·3	0	—0·16	—100	0	—0·5	0	—0·21	—100	28·4	—5·4	20·53	—5·46	—21
0	—0·3	0	—0·20	—100	0	—0·1	0·01	—0·03	—75	34·6	—2·9	28·41	—4·08	—13
0	—0·7	0	—0·45	—100	0	—0·4	0	—0·17	—100	45·6	+4·3	38·15	+3·52	+10
0	—0·6	0	—0·33	—100	0	—0·6	0	—0·26	—100	57·4	+7·6	43·34	+0·99	+2
0	—1·0	0	—0·57	—100	0	—0·7	0	—0·39	—100	61·2	+14·8	43·00	+10·47	+32
0	—0·8	0	—0·57	—100	0	—0·6	0	—0·33	—100	71·3	+14·4	54·24	+7·04	+16
0·4	—0·3	0·13	—0·28	—68	0	—0·6	0	—0·28	—100	79·1	+15·8	63·47	+9·67	+18
1·4	—0·1	0·99	—0·02	—2	0	—0·3	0	—0·13	—100	104·8	+11·0	123·86	+16·44	+15
0·8	—0·8	0·36	—0·64	—64	0·2	—0·3	0·08	—0·20	—71	56·4	+8·9	37·88	+7·43	+24
0	—1·3	0	—0·80	—100	0	—0·5	0·01	—0·31	—97	68·6	+18·9	46·42	+12·06	+35
0	—1·9	0	—0·99	—100	0	—0·4	0·01	—0·20	—95	57·0	+8·6	34·60	+4·65	+16
1·2	—2·6	0·69	—1·74	—72	0·3	—0·5	0·07	—0·38	—84	51·0	—4·4	31·44	—4·72	—13
4·9	—4·3	2·95	—4·20	—59	1·9	—0·7	0·91	—0·87	—49	109·6	—2·3	90·66	—9·62	—10
2·7	—5·7	1·67	—5·78	—78	3·5	—0·7	2·24	—1·13	—34	48·2	—5·0	30·01	—5·58	—16
0·3	—3·1	0·11	—2·08	95	0	—0·7	0·01	—0·40	—98	55·1	+14·8	28·21	+3·34	+13
2·6	—1·4	5·18	+1·08	+26	0·3	—0·7	0·18	—0·74	—80	53·7	+3·5	42·25	+4·38	+12

TABLE XII.—AVERAGE OVER THE 16 CHIEF POLITICAL DIVISIONS OF THE ACTUAL RAINFALL WITH ITS DEPARTURE FROM NORMAL FOR THE FOUR SEASONS OF THE YEAR AND FOR THE WHOLE YEAR, 1938.

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
	"	"		"	"		"	"		"	"		"	"	
Burma	0·48	+0·15	+45	17·38	+6·85	+65	56·12	—6·11	—10	13·60	+4·42	+48	87·58	+5·31	+6
Assam	1·74	—0·47	—21	23·62	—1·45	—6	70·27	+4·15	+6	8·54	+1·62	+23	104·17	+3·85	+4
Bengal	1·37	+0·09	+7	18·63	+6·06	+48	57·58	+2·67	+5	5·15	—0·83	—14	82·73	+7·99	+11
Orissa	1·10	—0·36	—25	6·52	+0·78	+14	38·79	—4 80	—11	7·95	+1 18	+17	54·36	—3·20	—6
Bihar	1·64	+0·27	+20	4·13	+0·70	+20	46·12	+4·20	+10	1·40	—1·58	—53	53·29	+3·59	+7
United Provinces	1·93	+0·48	+33	0·81	—0·59	—42	37·59	+4·10	+12	0·96	—0·84	—47	41·29	+3·15	+8
Punjab	2·54	+0·62	+32	0·60	—1·36	—69	10·88	—4·45	—29	0·27	—0·55	—67	14·29	—5·74	—29
North-West Frontier Province	2·39	—0·11	—4	3·08	—1·16	—27	7·00	—0·97	—12	0·66	—0·52	—44	13·13	— 2·76	—17
Sind	0·12	—0·18	—60	0·11	—0·42	—79	3·22	—1·95	—38	0·06	—0·19	—76	3·51	—2·74	—44
Rajputana	0·24	—0·33	—58	0·24	—0·62	—72	15·53	—3·60	—19	0·27	0·49	—64	16·28	—5·04	—24
Bombay	0·03	—0·17	—85	2·50	+0·98	+64	41·76	+2·42	+6	5·45	+2·01	+58	49·74	+5·24	+12
Central India	0·82	—0·02	—2	0·94	+0·08	+9	35·11	+2·02	+6	2·42	+0·85	+54	39·29	+2·93	+8
Central Provinces and Berar	1·12	—0·19	—15	1·75	+0·09	+5	48·11	+7·57	+19	4·53	+1·76	+64	55·51	+9·29	+20
Hyderabad	1·04	+0·57	+121	2·51	+0·50	+25	34·69	+8·79	+34	2·33	—1·41	—38	40·57	+8·85	+26
Mysore	0·16	—0·09	—36	3·96	—1·39	—26	25·58	+3·20	+14	1·74	—6·44	—79	31·44	—4·72	—13
Madras	2·37	+1·18	+99	6·66	+0·64	+11	30·99	+2·48	+9	8·11	—8·06	—50	48·13	—3·76	—7
Mean of India (excluding Burma)	1·24	+0·15	+14	4·25	+0·32	+8	33·87	+1·75	+5	3·45	—0·83	—19	42·81	+1·39	+3

TABLE XIII.—AVERAGE OVER THE 33 SUB-DIVISIONS OF THE ACTUAL RAINFALL WITH ITS DEPARTURE FROM NORMAL FOR THE FOUR SEASONS OF THE YEAR AND FOR THE WHOLE YEAR, 1938.

SUB-DIVISION.	JANUARY AND FEBRUARY.			MARCH TO MAY.			JUNE TO SEPTEMBER.			OCTOBER TO DECEMBER.			WHOLE YEAR.		
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	"	"		"	"		"	"		"	"		"	"	
1. Bay Islands *	2·78	+0·28	+11	17·36	+3·05	+21	67·79	+8·40	+14	22·10	+1·10	+5	110·03	+12·83	+13
2. Lower Burma	0·40	+0·06	+18	21·09	+7·08	+51	[illegible]	—10·54	—11	16·48	+5·64	+52	126·66	+2·24	+2
3. Upper Burma	0·55	+0·22	+67	14·27	+6·65	+87	28·76	—2·38	—8	11·19	+3·41	+44	54·77	+7·90	+17
4. Assam	1·74	—0·47	—21	23·62	—1·45	—6	70·27	+4·15	+6	8·54	+1·62	+23	104·17	+3·85	+4
5. Bengal	1·37	+0·09	+7	18·63	+6·06	+48	57·58	+2·67	+5	5·15	—0·83	—14	82·73	+7·90	+11
6. Orissa	1·10	—0·36	—25	6·52	+0·78	+14	38·79	—4·80	—11	7·95	+1·18	+17	54·36	—3·20	—6
7. Chota Nagpur	2·88	+1·00	+53	2·84	—0·81	—22	39·88	—4·72	—11	1·81	—1·63	—47	46·41	—6·16	—12
8. Bihar	1·06	—0·07	—6	4·71	+1·38	+41	49·40	+8·21	+20	1·20	—1·54	—56	56·37	+7·98	+16
9. United Provinces, East.	1·43	+0·25	+21	1·28	+0·08	+7	47·58	+12·94	+37	1·41	—0·88	—38	51·70	+12·39	+32
10. United Provinces, West.	2·36	+0·69	+41	0·40	—1·16	—74	29·00	—3·50	—11	0·57	—0·80	—58	32·33	—4·77	—13
11. Punjab, East and North.	3·06	+0·84	+38	0·62	—1·46	—70	12·87	—5·28	—29	0·33	—0·62	—65	16·88	—6·52	—28
12. Punjab, South-west.	1·00	—0·04	—4	0·55	—1·05	—66	5·03	—2·00	—28	0·06	—0·35	—85	6·64	—3·44	—34
13. Kashmir	10·48	+3·36	+47	7·37	—2·66	—27	17·27	—3·37	—16	2·40	—1·11	—32	37·62	—3·78	—9
14. North-West Frontier Province.	2·39	—0·11	—4	3·08	—1·16	—27	7·00	—0·97	—12	0·66	—0·52	—44	13·13	—2·76	—17
15. Baluchistan	2·94	+0·62	+27	1·28	—0·88	—41	2·07	—0·46	—18	0·48	—0·44	—48	6·77	—1·16	—15
16. Sind	0·12	—0·18	—60	0·11	—0·42	—79	3·22	—1·95	—38	0·06	—0·19	—76	3·51	—2·74	—44
17. Rajputana, West	0·14	—0·27	—66	0·18	—0·59	—77	8·12	—3·00	—27	0·07	—0·44	—86	8·51	—4·30	—34
18. Do. East	0·29	—0·36	—55	0·26	—0·66	—72	19·59	—3·93	—17	0·39	—0·51	—57	20·53	—5·46	—21
19. Gujarat	0	—0·19	—100	0·65	+0·22	+51	26·56	—4·15	—14	1·20	+0·04	+3	28·41	—4·08	—13
20. Central India, West.	0·40	—0·29	—42	1·05	+0·25	+31	34·26	+2·55	+8	2·44	+0·01	+71	38·15	+3·52	+10
21. Central India, East	2·33	+0·94	+68	0·55	—0·54	—50	38·10	+0·30	+1	2·36	+0·29	+14	43·34	+0·99	+2
22. Berar	0·38	—0·37	—49	1·87	+0·75	+67	37·65	+9·53	+34	3·10	+0·56	+22	43·00	+10·47	+32
23. Central Provinces, West.	1·57	+0·22	+16	1·42	—0·05	—3	46·67	+5·62	+14	4·58	+1·85	+68	54·24	+7·64	+16
24. Central Provinces, East.	1·18	—0·41	—26	1·93	—0·19	—9	55·09	+7·94	+17	5·27	+2·38	+79	63·47	+9·67	+18
25. Konkan	0·02	—0·13	—87	2·77	+0·80	+41	106·11	+6·19	+6	14·96	+9·58	+178	123·86	+16·44	+15
26. Bombay, Deccan	0·06	—0·18	—75	3·63	+1·54	+74	29·25	+5·40	+23	4·94	+0·67	+16	37·88	+7·43	+24
27. Hyderabad North	1·17	+0·65	+125	2·31	+0·58	+34	39·77	+10·96	+38	3·17	—0·13	—4	46·42	+12·06	+35
28. Do. South	0 91	+0·48	+112	2·70	+0·41	+18	29·60	+6·60	+29	1·39	—2·84	—67	34·60	+4·65	+16
29. Mysore	0·16	—0·09	—36	3·96	—1·39	—26	25·58	+3·20	+14	1·74	—6·44	—79	31·44	—4·72	—13
30. Malabar	4·31	+2·90	+206	14·13	+1·65	+13	61·17	—5·10	—8	11·05	—9·07	—45	90·66	—9·62	—10
31. Madras, Southeast	2·33	+0·87	+60	4·83	+0·49	+11	15·13	+3·25	+27	7·72	—10·19	—57	30·01	—5·58	—16
32. Do. Deccan	0·09	—0·26	—74	2·45	—0·03	—1	24·89	+9·61	+63	0·78	—5·98	—88	28·21	+3·34	+13
33. Do. Coast, North	1·07	+0·32	+43	3·03	+0·01	0	29·16	+7·03	+32	8·99	—2·98	—25	42·25	+4·38	+12

* Rainfall data of Table Island for the months of January and February are not available.

TABLE XIV.—AVERAGE OVER THE 33 SUB-DIVISIONS OF ACTUAL NUMBER OF RAINY DAYS WITH THEIR DEPARTURES FROM NORMAL FOR THE FOUR SEASONS OF THE YEAR AND FOR THE WHOLE YEAR, 1938.

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†	7·0	+3·8	21·5	+5·0	78·5	+6·0	27·5	+0·1	134·5	+14·9
2. Lower Burma	0·9	+0·3	23·2	+8·0	92·2	+3·6	17·8	+3·4	134·1	+15·3
3. Upper Burma	1·4	+0·5	17·8	+6·3	41·0	—2·6	13·3	+2·2	73·5	+6·4
4. Assam	4·3	—0·7	31·9	—0·4	72·6	+4·0	10·6	+1·6	119·4	+4·5
5. Bengal	2·4	+0·1	16·1	+0·4	61·5	+1·7	6·7	+0·1	86·7	+2·3
6. Orissa	2 2	—0·2	10·5	+1·1	54·9	+1·0	8·6	+0·9	76·2	+2·8
7 Chota Nagpur	6·2	+2·7	5·0	—2·0	55·7	+3·2	3·7	—1·1	70·6	+2·8
8. Bihar	3·2	+0·8	5·5	+0·1	51·8	+7·6	2·3	—1·0	62·8	+7·5
9. United Provinces, East	3·7	+1·0	2·1	—0·5	46·4	+8·1	2·7	+0·2	54·9	+8·8
10. Do. Do. West	3·7	+0·2	1·2	—2·4	33·4	—0·2	1·1	—0·8	39·4	—3·2
11. Punjab, East and North	5·2	+1·0	2·1	—2·4	16·5	—3·3	0·8	—1·0	24·6	—5·7
12. Do. Southwest	3·5	+1·0	1·8	—2·2	7·8	—1·2	0·2	—0·7	13·3	—3·1
13. Kashmir	13·5	+3·4	12·7	—3·2	20·0	—4·3	4·5	—1·2	50·7	—5·3
14. North-West Frontier Province	5·9	+0·9	6·8	1·8	12·2	+0·8	1·4	—0·9	26·3	—1·0
15. Baluchistan	5·4	+0·5	3·3	1·9	3·7	—0·7	1·2	—1·2	13·6	—3·3
16. Sind	0·4	—0·4	0·3	1·0	4·0	—2·1	0·2	—0·2	4·9	—3·7
17. Rajputana, West	0·4	—0·6	0·3	—1·5	10·4	—3·8	0·2	—0·5	11·3	—6·4
18. Do. East	0·7	—0·9	0·6	—1·7	26·4	—2·0	0·7	—0·8	28·4	—5·4
19. Gujarat	0	—0·4	0·9	0	31·6	—3·0	2·1	+0·5	34·6	—2·9
20. Central India, West	1·2	—0·3	1·9	+0·1	39·2	+3·4	3·3	+1·1	45·6	+4·3
21. Do. Do. East	4·2	+1·2	1·7	—0·8	48·0	+6·6	3·5	+0·6	57·4	+7·6
22. Berar	0·9	—0·5	4·2	+1·6	51·4	+13·0	4·7	+0·7	61·2	+14·8
23. Central Provinces, West	3·2	+0·7	3·6	+0·2	58·7	+11·5	5·8	+2·0	71·3	+14·4
24. Do. Do. East	2·6	—0·1	5·2	+0·7	64·7	+12·8	6·6	+2·4	79·1	+15·8
25. Konkan	0·1	—0·2	4·6	+2·0	91·7	+8·2	8·4	+1·0	104·8	+11·0
26. Bombay, Deccan	0·1	—0·4	6·3	+2·3	44·0	+7·6	6·0	—0·6	56·4	+8·9
27. Hyderabad, North	1·6	+0·6	6·8	+3·1	55·9	+15·8	4·3	—0·6	68·6	+18·9
28. Do. South	1·8	+1·0	5·2	+0·5	47·0	+10·7	3·0	—3·6	57·0	+8·6
29. Mysore	0·4	0	7·2	—1·7	39·3	+5·6	4·1	—8·3	51·0	—4·4
30. Malabar	5·4	+3·3	19·9	+3·0	67·0	—0·7	17·3	—7·9	109·6	—2·3
31. Madras, Southeast	3·3	+1·3	8·3	+1·7	20·9	+2·7	10·7	—10·7	43·2	—5·0
32. Do. Deccan	0·1	—0·5	4·4	—0·2	43·5	+23·2	2·1	—7·7	55·1	+14·8
33. Do. Coast, North	1·8	+0 8	4·7	+0·1	40·0	+7·6	7·2	—5·0	53·7	+3·5

†Rainfall data of Table Island for the months of January and February are not available.

TABLE XV.—SHOWING RAINFALL OF 10″ AND OVER, WITH AMOUNTS IN THE PRECEDING AND FOLLOWING 24 HOURS, DURING THE YEAR 1938.

Province and District.	Station.	Date.	Amount.		
			Preceding day.	On date in column 3.	Succeeding day.
1	2	3	4	5	6
			"	"	"
BURMA.					
Myitkyina.	Sumprabum .	June 13 .	8·90	10·36	4·18
ASSAM.					
Khasi and Jaintia Hills.	Cherrapunji Police Station	,, 3 .	0·24	10·03	12·32
Do. . .	Do. .	,, 4 .	10·03	12·32	2·12
Do. . .	Do. .	,, 15 .	6·12	19·09	1·43
Do. . . .	Cherrapunji Welsh Mission House.	,, 3 .	9·50	17·60	2·60
Do. . .	Do. .	,, 14 .	8·38	21·86	7·85
Do. . .	Do. .	,, 24 .	3·90	10·14	9·49
Do. . .	Cherrapunji (Obsy).	,, 3 .	5·29	10·16	14·35
Do. . .	Do. .	,, 4 .	10·16	14·35	1·60
Do. . .	Do. .	,, 15 .	8·04	19·62	7·68
Do. . .	Do. .	,, 25 .	3·94	14·16	10·89
Do. . .	Do. .	,, 26 .	14·16	10·89	1·52
Do. . .	Do. .	,, 29 .	6·19	10·11	0·18
Sadiya Frontier Tract.	Pasighat . .	,, 4 .	3·03	12·45	3·00
Khasi and Jaintia Hills.	Cherrapunji Police Station.	July 31 .	4·40	13·80	4·50
Do. . .	Cherrapunji Welsh Mission House.	,, 28 .	5·95	10·19	10·30
Do. . .	Do. .	,, 29 .	10·19	10·30	23·57
Do. . .	Do. .	,, 30 .	10·30	23·57	9·83
Do. . .	Cherrapunji (Obsy.)	,, 31 .	9·10	21·08	9·63
Sylhet . .	Sunamganj .	Aug. 20 .	5·95	12·94	2·06
Khasi and Jaintia Hills.	Cherrapunji Police Station.	,, 9 .	0·20	10·00	4·55
Do. . .	Do. .	,, 19 .	2·50	10·34	12·02
Do. . .	Do. .	,, 20 .	10·34	12·02	5·50
Do. . .	Cherrapunji Welsh Mission House.	,, 8 .	3·85	11·21	6·39
Do. . .	Do. .	,, 18 .	2·63	13·42	15·63
Do. . .	Do. .	,, 19 .	13·42	15·63	4·97
Do. . .	Cherrapunji (Obsy.)	,, 9 .	3·84	10·82	6·04
Do. . .	Do. .	,, 19 .	3·17	12·04	15·13
Do. . .	Do. .	,, 20 .	12·04	15·13	4·37
Sylhet . .	Lallakhal . .	Sept. 20 .	4·60	10·40	4·10
Do. . .	Patharkandi .	,, 21 .	1·36	10·82	0
Do. . .	Sanambagh .	,, 21 .	1·56	12·57	0·19
Do. . .	Sunamgang .	,, 17 .	0	12·15	7·89
Do. . .	Do. .	,, 20 .	7·75	15·45	6·77
Khasi and Jaintia Hills.	Cherrapunji Police Station.	,, 18 .	4·35	20·42	13·33
Do. . .	Do. .	,, 20 .	13·33	30·00	0·70
Do. . .	Cherrapunji Welsh Mission House.	,, 17 .	5·24	10·55	27·29
Do. . .	Do. .	,, 18 .	10·55	27·29	25·90
Do. . .	Do. .	,, 19 .	27·29	25·90	0·96
Do. . .	Jowai . .	,, 19 .	9·25	11·92	8·14
Do. . .	Cherrapunji(Obsy.)	,, 18 .	5·70	10·36	24·66
Do. . .	Do. .	,, 19 .	10·36	24·66	24·48
Do. . .	Do. .	,, 20 .	24·66	24·48	0·78

Province and District.	Station.	Date.	Amount.		
			Preceding day.	On date in column 3.	Succeeding day.
1	2	3	4	5	6
			"	"	"
BENGAL.					
Cooch Behar .	Cooch Behar .	May 31 .	5·04	10·70	1·28
24 Parganas .	Canning Town .	,, 29 .	6·10	10·68	0
Rangpur . .	Udipur . .	,, 31 .	9·46	10·65	0·31
Bakarganj . .	Patuakhali .	,, 27 .	4·37	10·10	5·26
Dinajpur . .	Thakurgaon .	June 1 .	3·14	13·40	0·76
Jalpaiguri . .	Alipur Duars .	July 16 .	0·86	10·52	2·50
Rangpur . .	Bagdogra (Nilphamari).	,, 4 .	8·85	10·42	1·65
Bankura . .	Taldangra . .	Aug. 1 .	0·10	10·55	0·15
Mymensingh .	Netrokona .	Sept. 20 .	5·40	10·75	0·70
ORISSA.					
Ganjam . .	Mohana . .	Oct. 10 .	0·16	12·48	0·82
BIHAR.					
Champaran. .	Dhaka . .	June 28 .	2·84	10·83	4·77
Muzaffarpur .	Sheohar . .	,, 28 .	0·90	15·57	5·16
Do. . .	Belsand . .	,, 28 .	0·43	10·40	3·60
Champaran .	Ramnagar . .	Aug. 1 .	0·72	11·53	0·05
Purnea . .	Dhamdaha .	Sept. 17 .	0·15	10·00	0·03
UNITED PROVINCES.					
Hardoi . .	Hardoi . .	June 22 .	0	14·55	0·90
Unao . .	Unao . .	July 18 .	0·58	10·00	0·43
Fyzabad . .	Ajodhya . .	Aug 10 .	0·60	11·00	2·90
Gonda . .	Gonda . .	,, 10 .	0·69	12·07	3·09
Do. . .	Tarabganj . .	,, 10 .	0·38	15·00	1·97
Do. .	Mankapur . .	,, 10 .	1·65	10·20	2·00
Bahraich . .	Bahraich . .	,, 10 .	1·78	12·83	2·62
Allahabad . .	Soraon . .	Sept. 4 .	0·62	10·30	3·53
Do. . .	Karchana . .	,, 4 .	0·15	12·05	2·98
Basti . .	Haraiya . .	,, 6 .	0·61	10·70	2·45
BOMBAY.					
Kaira . .	Borsad . .	June 14 .	0·47	10·70	0
Surat . .	Bulsar . .	,, 14 .	1·56	11·55	4·82
Do. . .	Do. . .	,, 23 .	0	10·60	7·97
Ratnagiri . .	Ratnagiri . .	,, 19 .	0·45	11·13	9·44
Do. .	Rajapur . .	,, 19 .	1·31	10·30	3·75
Do. . .	Guhagar . .	,, 19 .	0·02	10·81	1·50
Savantvadi .	Amboli . .	,, 10 .	4·70	10·40	3·60
Dharampur .	Dharampur .	,, 25 .	6·48	14·35	3·94
Savantvadi .	Amboli . .	July 1 .	9·75	13·20	1·50
Do. . .	Do. . .	Aug. 4 .	0·65	11·70	0·05
Ratnagiri . .	Vengurla . .	Sept. 30 .	0·40	13·07	2·03
Savantvadi .	Kudal . .	,, 30 .	0·16	10·72	2·72
Nasik . .	Kalvan . .	Oct. 7 .	0·22	10·00	0
Poona . .	Lonavla . .	,, 7 .	6·70	10·98	0·12
Do. . .	Khandala . .	,, 7 .	6·95	10·30	0 09
Thana . .	Murbad . .	,, 7 .	1·17	10·61	0
Bombay Suburban.	Kurla . .	,, 7 .	3·05	11·77	0·02
Kolaba . .	Matheran . .	,, 7 .	8·50	10·12	0·07
Ratnagiri . .	Chiplun .	,, 1 .	1·72	12·86	1·73
Do. . .	Khed . .	,, 1 .	1·50	13.63	1·90
Do. . .	Mandangad .	,, 1 .	0·32	10·45	6·55

TABLE XV.—SHOWING RAINFALL OF 10″ AND OVER, WITH AMOUNTS IN THE PRECEDING AND FOLLOWING 24 HOURS, DURING THE YEAR 1938—*contd.*

Province and District.	Station.	Date.	AMOUNT.			Province and District.	Station.	Date.	AMOUNT.		
			Preceding day.	On date in column 3.	Succeeding day.				Preceding day.	On date in column 3.	Succeeding day.
1	2	3	4	5	6	1	2	3	4	5	6
			"	"	"				"	"	"
CENTRAL INDIA.						MADRAS.					
Indore . .	Khargone . .	June 20 .	2·42	15·76	0	Coorg . .	Bhagamandala .	July 1 .	6·40	10·02	5·55
Gwalior . .	Shujalpur . .	July 14 .	0·50	10·45	5·20	Vizagapatam .	Itchhapur . .	Oct. 10 .	0·11	10·90	0·15
Bhopal . .	Talen . .	,, 15 .	0·57	10·78	2·23	Kistna . .	Bandar (Masulipatam).	Nov. 26 .	1·46	14·00	0·09
Do. .	Kotra . .	,, 14 .	0·45	11·10	6·15	Do. .	Manginapudi .	,, 26 .	2·40	11·70	0·05
CENTRAL PROVINCES.						Do. .	Pandraka . .	,, 26 .	3·25	10·00	0·04
Akola . .	Karanja . .	June 9 .	1·36	11·82	1·26						
Chanda . .	Brahmapuri .	Augt. 31 .	0·20	12·74	1·18						

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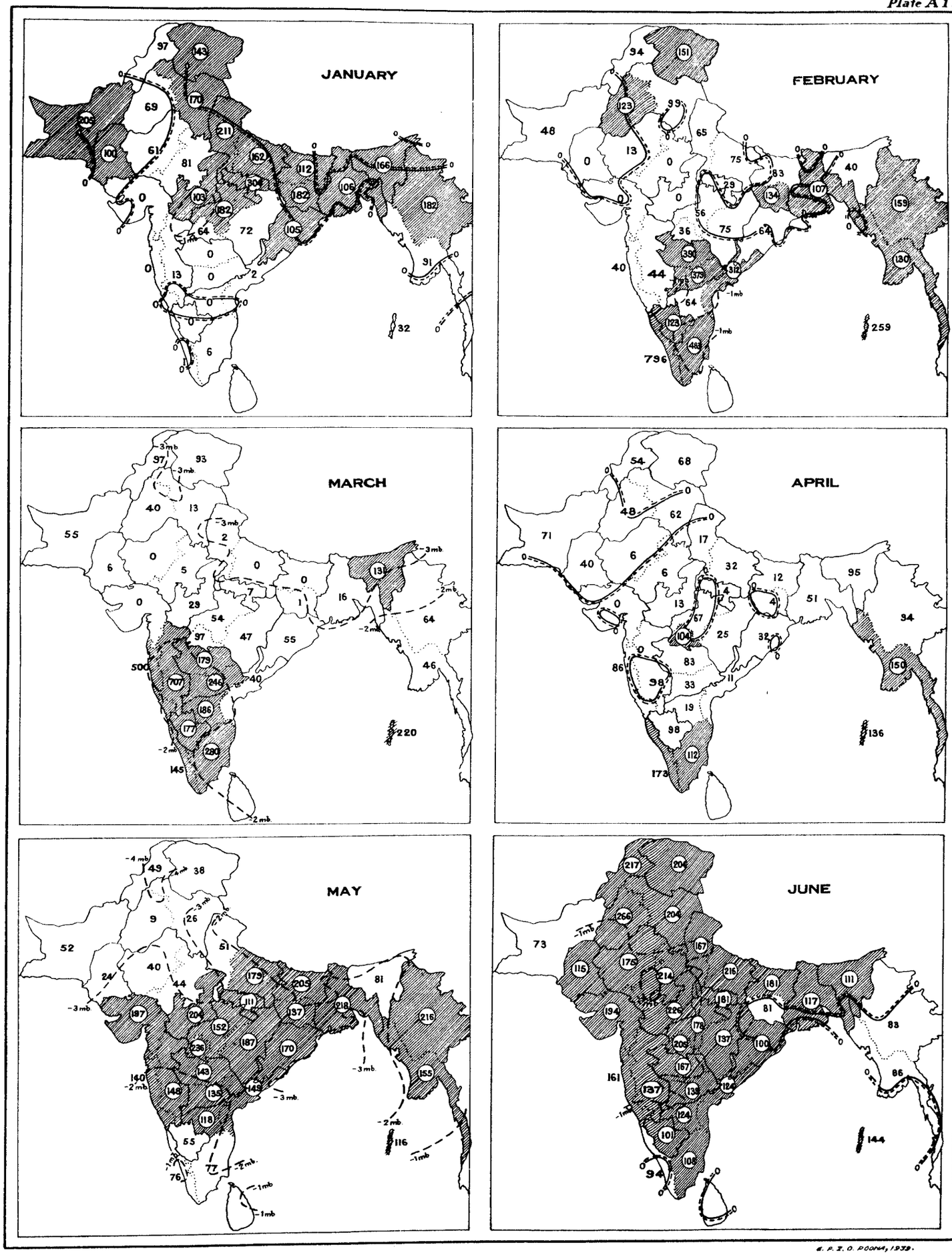
SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)
AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)
1938

Plate A 1.

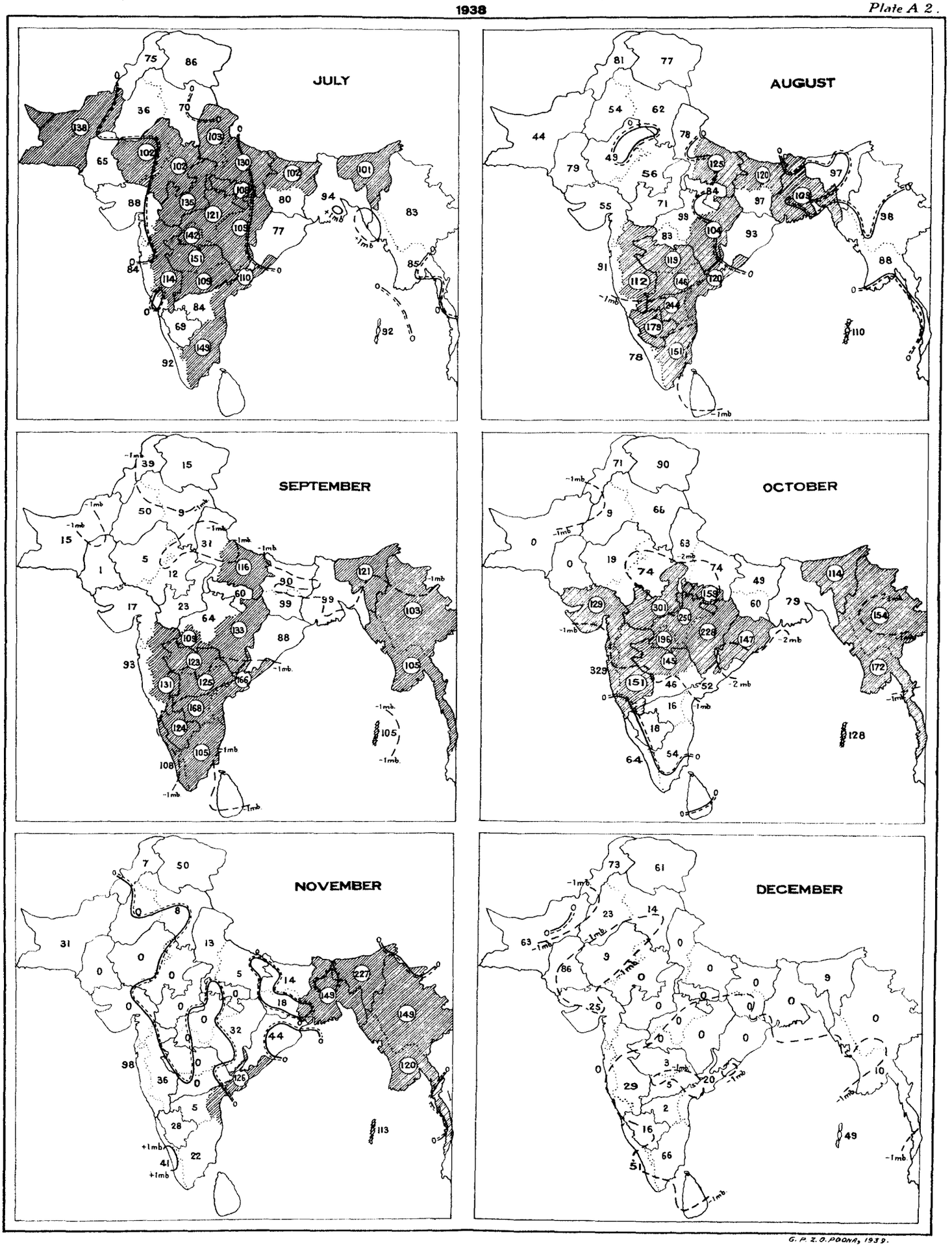


G. P. I. O. Poona, 1939.

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

1938

Plate A 2.

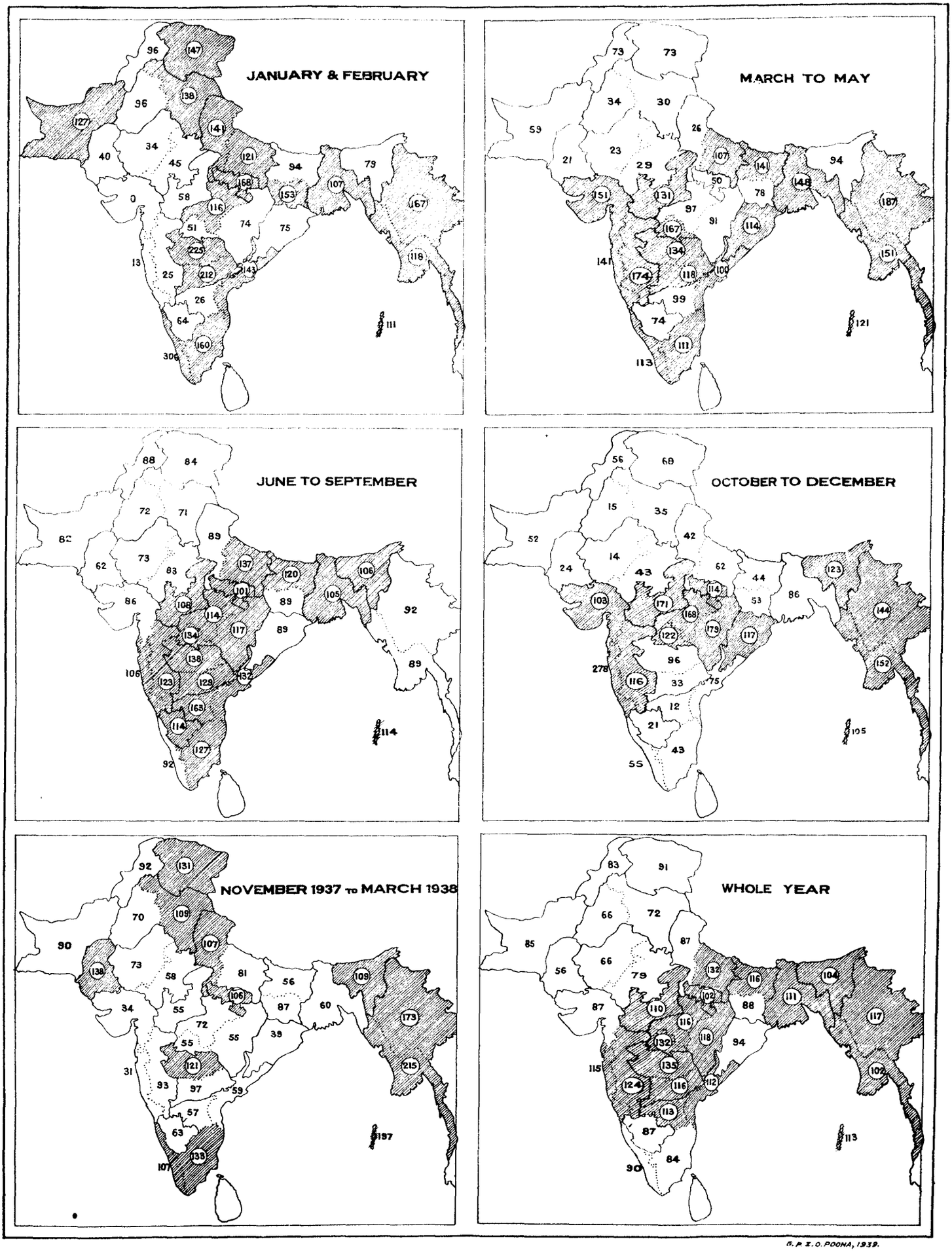


G. P. Z. O. POONA, 1939.

SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)

IN DIFFERENT PERIODS OF THE YEAR 1938

Plate A 3.



G. P. I. O. POONA, 1939.