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PAKISTAN WEATHER REVIEW, 1955

MONTHLY WEATHER REPORT

JANUARY

(PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN)

Chief Features:

Marked spells of wet weather in Sind and Baluchistan during the second half of the month.

West Pakistan:

Eight western disturbances moved across West Pakistan during the month. Only two of them which were associated with their secondaries moving across north Arabian Sea, were active. In their association there were spells of wet weather over West Pakistan especially in Baluchistan, Sind and the Punjab during the periods between 19th to 22nd and 29th to 31st.

The other six western disturbances caused scattered to local rainfall in West Pakistan.

Chief amounts of rainfall in West Pakistan were: Jiwani 1″ each on the 1st and 6th; Quetta, Chaman, Turbat and Panjgur 1″ each on the 20th; Jiwani 2″ on the 21st; LandiKotal and Jiwani 1″ each on the 23rd;Chaman 1″ on the 28th; Kalat 2″ on the 29th and Fort Abbas 1″ on the 30th.

In association with passage of a secondary low moving across north Arabian Sea between 19th and 22nd, the maximum temperature in Karachi remained below normal, 5-10°F, and fell suddenly by 17°F from the previous day on the 21st which, combined with windy weather on the same day resulted in much discomfort to the general public, particularly the refugees living in Drigh Road area, as reported by press.

The mean rainfall during the month was in large excess in Baluchistan, in moderate excess in upper Sind, in moderate defect in lower Sind and in large defect elsewhere. Averaged over the plains of West Pakistan it was in large defect.

The mean maximum temperature was normal all over the region. The mean minimum temperature was normal over the region except the South Punjab and upper Sind and Baluchistan and normal elsewhere. Skies were more clouded than usual over the South Punjab and upper Sind, less clouded than usual in the North-West Frontier Province and were normally clouded elsewhere.

East Pakistan:

Weather remained dry during the month except for scattered falls of light rain or drizzle between the 18th and 20th and local falls or rain or drizzle in the Northern sub-division between the 23rd and 25th in association with the passage of two western disturbances across the sub-Himalayan Bengal. Rangpur reported 1″ rain on the 24th.

The mean rainfall during the month was in large defect over the region and also over each of the sub-divisions. The mean maximum and minimum temperature were normal in all the sub-divisions. The mean relative humidity was below normal in Northern sub-division and normal elsewhere. Skies were less clouded than usual over Eastern sub-division and normally clouded elsewhere.

Table I contanis the divisional and Sub-divisional means of rainfall, temperature, relative humidity and cloud amount for 5 chief divisions and 12 sub-divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent tables.

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TABLE I.—DIVISIONAL AND SUB-DIVISIONAL MEANS FOR JANUARY 1955.—*contd.*

Division	PRECIPITATION				DEPARTURE FROM NORMAL OF				
							03 hrs. G. 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
	"	"	"		°	°	mb	%	
East Pakistan	0.06	0.35	—0.29	—83	+0.1	+0.5	—0.2	—3	—0.4
Mean of East Pakistan	0.06	0.35	—0.29	—83	+0.1	+0.5	—0.2	—3	—0.4
(1) Punjab	0.22	0.87	—0.65	—75	—0.1	+0.5	+0.1	+4	+0.4
(2) N.W.F.P.	0.03	0.80	—0.77	—96	+1.5	0.0	+0.3	+1	—0.9
(3) Baluchistan	1.70	0.92	+0.78	+85	0.0	+1.5	+1.2	+7	+0.3
(4) Sind	0.20	0.18	+0.02	+11	—0.8	+0.9	+0.8	+8	+1.0
Mean of West Pakistan excluding Baluchistan	0.18	0.62	—0.44	—71	—0.1	+0.6	+0.4	+5	+0.4
East Pakistan (East)	0.05	0.28	—0.23	—82	+0.3	+0.1	—0.4	—2	—0.6
East Pakistan (Deltaic)	0.01	0.41	—0.40	—98	—0.2	+1.1	—0.1	—2	—0.2
East Pakistan (North)	0.12	0.40	—0.28	—70	+0.1	+1.0	0.0	—10	—0.1
Kashmir (x)									
North Punjab	0.30	1.32	—1.02	—77	+0.1	—1.1	—0.3	+1	+0.1
South Punjab	0.13	0.31	—0.18	—58	—0.4	+2.1	+0.7	+7	+0.7
N.W.F.P. (Upper)	0.04	1.44	—1.40	—97	+1.5	—0.5	+0.5	+2	—0.9
N.W.F.P. (Lower)	0.02	0.49	—0.47	—96	+1.5	+0.3	+0.1	+1	—0.9
Baluchistan (North)	1.79	0.94	+0.85	+90	+0.1	+1.6	+0.8	+6	+0.4
Baluchistan (South)	1.45	0.88	+0.57	+65	—0.2	+1.3	+1.9	+7	+0.1
Sind (Lower)	0.09	0.19	—0.07	—44	—0.9	+0.1	0.0	+3	+0.3
Sind (Upper)	0.31	0.21	+0.10	+48	—0.7	+1.8	+1.7	+12	+8.9
Junagadh (x)									

(x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1955

SUB DIVISION AND STATION	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb	%	%	oktas										
EAST PAKISTAN (EAST)																							
Cox's Bazar	0000																						
	0300	381	1017.6	+2.3	1018.9	67.1	61.7	58.1	16.2	—0.9	71	—2	1.2	—0.2	3	18	2	0	0	0	0	3	5
	1200		1014.5		1015.8	71.2	64.6	60.2	17.8		69		1.5		0	4	0	0	0	1	0	21	5
Chittagong	0000																						
	0300	87	1015.8	+1.8	1018.9	66.3	60.5	59.0	15.9	—1.1	69	—8	1.0	0.4	12	16	1	0	0	0	0	1	1
	1200		1012.4		1015.5	70.6	62.1	56.0	15.5		60		1.0		10	2	0	0	0	1	5	13	0
Noakhali (Maijdi)	0000	25	1016.4		1017.3	55.8	54.7	53.6	14.3		93		0.5		0	0	0	0	0	0	0	0	31
	0300		1018.0	+2.3	1019.5	63.9	59.0	55.4	14.8	—1.9	73	—4	0.4	—1.2	0	0	0	0	0	0	0	2	29
	1200		1015.1		1016.0	69.9	62.2	56.9	15.9		63		0.3		0	0	0	0	0	0	0	0	31
Comilla	0000	29	1016.2		1017.2	55.1	54.0	53.7	13.8		93		0.7		3	0	0	0	0	1	1	1	25
	0300		1017.8	+1.7	1018.8	64.4	60.0	56.5	15.3	—0.7	75	0	0.0	—1.3	11	4	1	0	2	0	0	1	12
	1200		1014.8		1015.8	70.5	64.3	60.2	18.4		71		0.1		6	0	0	0	2	0	0	7	16
Brahmanbaria	0000	32	1016.5		1017.6	55.6	54.6	53.6	14.3		93		1.1		1	1	0	0	0	0	0	0	29
	0300		1018.3		1019.4	65.0	60.2	56.8	15.4	+0.7	73	+3	1.3		6	1	0	1	0	2	0	1	20
	1200		1014.6		1015.7	68.8	62.8	58.3	17.0		70		1.1		1	1	0	0	0	0	0	0	29
Srimangal	0000	69	1015.5		1018.0	46.9	46.1	45.0	10.1		92		0.4		0	0	0	0	0	0	0	0	31
	0300		1016.9	+1.6	1019.4	59.8	57.9	56.1	15.6	+1.4	88	+4	1.3	—0.1	0	0	0	0	0	0	0	0	31
	1200		1014.1		1016.6	65.5	63.0	61.4	18.2		86		1.0		2	0	0	0	0	1	0	0	28
Mymensingh	0000	62	1015.5		1017.7	54.9	54.5	44.9	12.4		84		0.8		0	0	1	0	0	0	0	0	30
	0300		1017.8	+2.3	1020.0	61.3	57.6	54.7	14.6	—0.3	80	—1	1.5	—0.4	0	1	10	2	0	0	1	3	14
	1200		1014.2		1016.6	69.9	62.2	56.4	15.9		63		1.0		0	0	3	0	0	0	1	2	25
Narayanganj	0000	26	1017.0		1017.9	56.7	55.2	53.7	14.4		90		1.7		0	0	0	0	0	0	0	2	29
	0300		1018.7	+2.2	1019.6	64.6	59.3	55.1	14.9	—0.5	71	—5	1.5	—0.3	11	0	1	0	0	1	1	10	7
	1200		1015.0		1015.9	70.6	61.9	55.0	15.5		60		1.7		0	0	0	0	0	0	1	1	29
Dacca Tajgaon	0000	27	1015.8		1016.8	52.9	51.8	50.7	12.8		93		1.3		6	3	0	1	0	0	1	4	16
	0300		1018.0		1019.0	63.8	58.8	54.7	14.8		73		2.1		16	5	0	1	0	1	0	4	4
	1200		1014.6		1015.6	69.2	60.1	54.4	13.6		56		2.3		2	3	0	0	0	0	7	12	7
EAST PAKISTAN (DELTAIC)																							
Faridpur	0000	46	1016.1		1017.7	55.3	54.2	53.0	13.8		93		1.9		3	4	0	0	0	0	0	2	22
	0300		1018.1	+2.7	1019.7	63.3	59.2	56.0	15.3	+0.3	78	+1	2.4	+1.1	9	6	0	0	1	0	0	8	7
	1200		1014.6		1016.2	70.2	64.0	59.1	17.7		70		2.2		5	11	1	0	0	0	0	3	11
Barisal	0000	11	1016.9		1017.3	57.3	55.5	53.6	13.9		87		0.8		4	0	0	0	0	0	0	2	25
	0300		1017.8	+0.8	1018.1	67.4	61.2	55.3	15.6	—0.8	69	—7	0.8	—0.6	10	6	0	0	0	0	0	1	14
	1200		1015.3		1015.6	74.5	64.5	57.3	16.6		58		1.1		2	2	0	0	0	0	1	4	22
Khulna	0000	16	1017.0		1017.6	57.0	55.1	53.0	13.9		87		0.5		0	0	0	0	0	0	0	0	31
	0300		1019.0	+1.8	1019.6	65.5	58.8	54.0	13.8	—0.9	65	—2	0.7	—0.9	4	3	0	0	0	0	0	4	20
	1200		1016.1		1015.7	72.9	63.3	56.0	15.7		57		1.0		0	2	0	0	0	0	0	4	25
Satkhira	0000	16	1017.0		1017.6	55.2	53.5	51.9	13.3		90		1.1		2	0	0	0	0	0	0	0	29
	0300		1019.1	+2.1	1019.7	66.6	59.6	55.5	14.5	—0.1	64	—10	1.0	—0.4	6	3	0	0	0	1	0	10	11
	1200		1015.1		1015.7	73.7	62.9	55.0	14.7		55		1.9		0	1	0	0	0	0	0	0	30

(R) Register not received.
(a) Observation for 30 days
(b) Observation for 22 days
(c) " for 28 days

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY 1955

SUB DIVISION AND STATION	Hours of observation.	Height of barcistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 6pkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
EAST PAKISTAN (DELTAIC)—contd.																							
Jessore	0000	26	1016.2		1017.1	54.5	52.2	51.3	12.4		84		1.4		2	0	0	0	0	0	0	4	25
	0300		1018.4	+1.5	1019.3	60.5	57.8	55.2	15.6	+1.1	85	+10	1.5	0.0	5	5	3	0	1	0	0	3	14
	1200		1015.4		1016.3	71.5	63.5	58.1	16.6		61		1.7		2	0	0	0	0	0	0	4	25
EAST PAKISNAN (NORTH)																							
Pabna	0000																						
	0300					67.8	59.2	53.0	13.5	—1.0	58	—19											
	1200																						
Sirajganj	0000	49	1014.9		1016.7	55.2	53.8	52.4	13.3		90		2.1		2	4	0	1	0	0	0	4	20
	0300		1017.3		1019.1	63.7	58.9	55.3	14.8		73		2.6		14	3	1	0	0	1	0	4	8
	1200		1014.1		1015.9	66.5	61.7	58.1	16.7		74		1.6		4	0	0	0	(a) 0	0	0	0	26
Rajshahi	0000	—																					
	0300																						
	1200																						
Bogra	0000	63																					
	0300		1017.2	+1.8	1019.5	61.4	57.8	54.8	14.6	+0.4	80	0	2.0	+0.2	11	3	4	0	0	1	3	4	5
	1200		1013.8		1016.1	72.6	62.5	55.0	15.2		56		2.0		2	1	1	0	0	2	6	8	11
Dinajpur	0000	123	1013.3		1017.8	51.7	50.4	49.1	11.8		90		1.0		0	0	0	0	0	0	1	0	20
	0300		1014.9	+1.8	1019.4	62.6	57.8	53.6	14.2	+0.7	72	—12	1.0	—0.5	0	0	0	0	0	0	0	0	31
	1200		1011.3		1015.8	70.9	61.9	54.8	14.9		58		1.0		0	0	0	0	0	0	0	0	31
Rangpur	0000																						
	0300	—											1.9		1	9	11	0	0	0	3	0	7
	1200												1.7		0	0	1	0	0	0	0	0	30
KASHMIR																							
Srinagar (X)	0300	5205																					
	1200																						
Gulmarg (X)	0300	8709																					
	1200																						
Gurer (X)	0300	—																					
	1200																						
Sanamarg (X)	0300	—																					
	1200																						
Dras (X)	0300	10059																					
	1200																						
Kargil (X)	0300	—																					
	1200																						
Leh (X)	0300	11529																					
	1200																						
Skardu (X)	0300	7250																					
	1200																						

x—Data not available.

(a)—Mean for 30 days.

SUB DIVISION AND STATION	Hours of observation.	Height of barcistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observation from —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb	°F			Mb.	Mb.	%	%	oktas										
Misgar	0000		*		*	7.0	5.8	2.0	1.4		80		*		0	0	0	0	0	0	0	0	31
	0300	10190	699.0	—	708.7	8.1	6.9	2.0	1.5	—	81	—	*	—	0	0	0	0	0	0	0	0	31
	1200		695.0		704.5	22.5	20.7	17.2	3.1		77		*		0	0	5	2	0	0	0	0	24
Gilgit (x)	0000																						
	0300	4890																					
	1200																						
Jammu (x)	0000																						
	0300	1200																					
	1200																						
NORTH PUNJAB																							
Lahore (Jail Rd)	0000		993.9		1020.0	44.2	43.0	41.6	8.9		90		2.4		0	1	0	0	0	1	1	1	27
	0300	702	995.3	+2.5	1021.4	43.7	42.5	41.2	8.7	+0.1	90	+6	3.4	+0.4	1	1	0	0	0	0	1	0	28
	1200		993.6		1018.7	63.1	53.8	44.0	9.9		50		4.4		3	1	1	1	0	1	1	7	16
Lahore Cantt	0000		993.3		1019.6	46.4	42.8	38.5	7.8		73		2.5		1	1	0	0	1	3	2	7	16
	0300	703	994.2	—	1020.8	45.1	42.8	39.2	8.3	—	80	—	3.1	—	0	2	1	0	0	0	1	5	22
	1200		992.9		1018.2	62.1	52.3	41.0	9.0		46		4.3		2	4	3	0	1	2	2	11	6
Lahore Walton	0000		993.8		1019.8	43.6	41.8	39.7	8.2		85		3.0		1	3	0	0	1	1	3	6	16
	0300	699	995.0	—	1021.1	43.8	41.9	39.3	8.2	—	85	—	3.4	—	3	1	0	2	1	1	1	6	16
	1200		993.3		1018.4	61.9	52.6	43.1	9.3		49		3.9		4	5	1	0	3	1	4	13	0
Sialkot	0000		989.4		1019.9	45.9	43.7	41.2	8.7		84		2.5		0	0	0	0	0	0	0	0	31
	0300	830	990.7	+2.3	1021.3	47.1	44.4	40.8	8.8	—0.3	81	—6	4.0	+1.4	5	4	3	0	4	0	0	4	11
	1200		989.0		1018.7	61.6	54.7	48.2	11.5		61		3.8		0	4	0	3	0	2	0	3	19
Jhelum	0000		992.0		1020.6	42.6	40.4	37.5	7.5		83		3.2		0	1	0	0	0	1	2	0	27
	0300	765	993.4	—	1022.0	43.0	40.5	37.0	7.5	—	79	—	4.0	—	1	1	0	1	0	0	2	5	21
	1200		991.4		1018.8	62.5	51.7	39.8	8.3		42		3.6		1	1	0	1	2	1	1	3	21
Chaklala	0000		960.7		900.5	37.8	35.3	31.4	6.0		77		2.9		3	0	1	0	0	0	5	4	18
	0300	1667	961.3	—	901.3	38.3	35.3	31.8	5.8	—	74	—	3.7	—	4	1	2	0	0	0	4	2	18
	1200		959.7 (a)		902.5 (a)	60.8	48.1	33.7	6.4		36		5.3		0	0	1	3	1	0	22	0	4
Rawalpindi	0000		960.8		901.2	39.2	36.2	31.1	6.1		74		0.0		0	0	0	0	0	0	1	0	30
	0300	1676	962.1	+3.1	902.6	41.2	38.0	33.0	6.5	—0.9	75	—7	3.3	+0.1	0	0	1	0	0	0	0	0	30
	1200		960.6		903.2	58.8	48.2	36.0	7.2		43		3.8		0	0	1	0	2	1	5	0	23
Murree (x)	0000																						
	3000	7113	785.2	+0.8	801.8	34.1	30.5	24.4	4.5	—0.2	68	+8	4.6	+0.8	0	9	4	13	0	0	0	1	4
	1200		784.8		801.2	36.7	31.5	26.4	4.2		59		5.6		0	3	4	11	0	0	1	4	8
Campbellpur (R)	0000																						
	0300	—																					
	1200																						
Chushab	0000		997.6		1020.7	41.6	39.0	35.0	6.9		79		1.7		0	2	1	1	0	2	2	2	21
	0300	616	998.7	+2.0	1021.7	45.0	41.2	36.0	7.1	+0.1	68	+2	2.0	—0.7	1	5	2	1	3	2	1	1	15
	1200		996.3		1018.3	65.1	52.8	38.9	8.1		37		2.5		1	9	2	3	1	0	.	4	10
Sargodha x x	0000																						
	0300	—																					
	1200																						

(a) Mean for 30 days
(R) Registerd not received.

(*) Data rejected.
(x) Data not available
xx Observatory reunained closed

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1955.

DIVISION AND STATION	Hours of observation.	Height of barometer cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Cpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Relative humidity.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas									
Lyallpur	0000		997.4		1019.9	42.5	41.0	39.1	8.1		87		2.2		2	1	0	0	0	1	3	2
	0300	605	998.8	+2.2	1021.6	42.0	40.6	38.9	8.0	−0.5	87	+10	3.0	−0.6	0	1	2	0	0	0	1	0
	1200		997.1		1018.8	63.2	52.5	41.4	8.7		43		3.4		1	0	2	0	0	1	3	0
SOUTH PUNJAB																						
Lejah x x	0300	—																				
	1200																					
Montgomery	0000	558	999.2		1020.0	44.2	42.3	39.8	8.3		84		2.5		0	0	0	0	0	1	7	2
	0300		1000.4	+2.2	1021.1	44.3	42.5	40.0	8.5	+0.6	84	+7	2.8	+0.4	0	0	0	1	1	1	2	2
	1200		998.3		1018.2	64.4	54.5	44.3	10.1		48		3.3		3	2	0	0	1	4	1	7
Multan (Surf).	0300	413	1006.5	+2.8	1021.8	48.4	44.6	39.0	8.3	−1.2	72	−2	3.4	+1.0	9	0	2	0	3	1	0	2
	1200		1004.0		1018.8	65.6	53.5	39.7	8.6		40		2.6		2	7	1	2	0	2	0	3
Khanpur P.B.O. (R)	0000	290																				
	0300																					
	1200																					
Khanpur (s)	0300	297	1010.3	+2.1	1021.4	47.0	44.0	40.0	8.5	+1.9	77	+11	3.6	+1.4	10	3	0	1	1	1	0	1
	1200		1004.3		1014.8	67.9	55.3	42.6	9.3		40		2.6		2	13	0	0	0	1	0	0
Bahawalpur	0300	384	1007.2	+2.2	1021.6	46.4	44.3	41.8	9.0	+1.4	84	+11	2.8	+0.2	0	0	0	0	0	0	0	0
	1200		1004.8		1018.6	65.3	55.8	46.6	10.9		51		3.7		0	0	0	0	0	0	0	0
Fort Abbas	0000	475	1001.5		1019.3	43.8	41.9	39.3	8.2		84		2.0		7	8	4	3	0	0	0	2
	0300		1003.0	—	1020.5	49.8	46.1	41.4	8.6	—	73	—	2.9	—	5	7	6	4	1	0	1	1
	1200		1001.5		1018.4	63.5	54.3	44.8	10.3		51		3.3		12	11	2	0	0	0	0	4
N.W.F.P. (UPPER)																						
Drosh	0000	4806	860.3		911.1	33.7	29.9	22.9	4.1		61		3.3		0	3	0	0	0	0	0	0
	0300		860.5	+2.6	911.2	34.8	30.6	22.0	4.1	−1.2	62	−14	4.7	+0.9	0	2	0	0	1	0	0	0
	1200		857.7		907.2	41.9	35.7	18.4	4.7		53		5.1		2	3	4	7	0	1	0	0
Chakdara	0000	2197	940.6		902.5	38.4	35.3	30.5	5.6		73		2.6		4	0	0	1	0	0	0	1
	0300		941.8	—	903.7	38.1	35.1	30.6	5.7	—	74	—	2.9	—	6	0	0	0	0	0	0	4
	1200		939.6		902.0	56.5	47.2	35.8	7.3		48		2.9		0	1	0	4	7	5	0	3
Peshawar	0000	1175	978.1		1021.1	43.0	40.1	35.6	7.2		76		3.1		0	0	0	2	2	21	0	4
	0300		979.2	+1.6	1022.1	43.2	39.9	34.2	6.9	+0.5	73	+2	3.7	−0.9	0	0	trs	5	6	16	1	1
	1200		977.4		1018.8	61.6	53.6	44.4	10.5		56		4.5		2	2	6	11	1	7	0	8
Risalpur	0000	993	984.7		1022.0	38.3	36.0	32.0	6.1		77		2.4		6	2	2	1	0	1	1	0
	0300		985.9	—	1023.3	38.4	36.4	32.5	6.4	—	81	—	3.5	—	5	0	1	0	0	2	1	2
	1200		983.8 (c)		1019.4 (c)	61.1	49.2	33.6	6.6		35		4.0		1	3	1	0	0	4	5	5
Haripur	0300	1737	961.0 (g)	—	903.7 (g)	40.1	34.7	25.1	4.7	—	56	—	2.0	—	1	0	30	0	0	0	0	0
	1200		958.0		903.2	59.8	48.6	35.5	7.0		41		3.2		0	5	2	3	2	16	3	0
Kakul	0000	4214	875.8		906.7	40.0	34.7	25.2	4.0		55		3.5		10	11	2	2	1	0	0	5
	0300		876.5	—	907.4	41.2	35.2	24.0	4.6	—	52	—	4.5		6	9	6	4	3	0	0	3
	1200		875.5		906.0	47.9	39.6	25.9	4.9		42		5.1		1	3	2	7	10	0	1	7
Charat	0300	4272	874.8	+2.5	907.4	43.0	36.2	24.1	4.5	−0.3	47	−6	3.6	+0.3	15	0	0	0	0	0	0	14
	1200		873.8		906.2	47.1	38.8	26.1	4.7		43		4.6		14	0	0	1	1	0	0	14

(c)—Mean for 28 days.
(xx)—Observatory remained closed.

(R)—Register not received.
(x)— " " available

(g)—Mean for 24 days.

SUB DIVISION AND STATION	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 6pkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	Oktas										
Landikotal	0000	3503	898.5		906.0	37.3	32.9	24.9	4.6		60		3.0		0	0	0	0	0	1	0	1	29
	0300		899.4	—	906.9	37.0	32.7	24.7	4.6	—	61	—	3.4	—	2	1	0	1	0	1	0	1	25
	1200		897.9		905.2	51.4	41.4	25.7	4.9		37		3.7		3	2	1	1	0	12	3	9	0
N.W.F.P. (LOWER)																							
Kohat	0300	1667	963.0	—	903.6	46.7	42.6	37.1	7.6	—	70	—	3.4	...	1	5	0	0	0	0	0	22	3
	1200		961.2		903.7	61.5	52.3	43.1	9.7		52		4.4		1	13	1	6	0	3	0	1	6
Parachinar	0000	5673	830.2		801.6	32.0	29.7	25.7	4.8		78		1.3		17	1	0	0	0	0	1	4	8
	0300		831.4	+3.5	802.7	32.2	30.1	26.4	4.9	00	81	+12	3.4	+0.1	4	2	1	0	0	0	1	4	19
	1200		829.6		801.8	45.8	36.4	20.5	4.0		38		5.0		0	0	2	23	0	0	0	2	4
Miranshah (R)	0000	3026																					
	0300																						
	1200																						
Bannu	0000	1263	974.4		1020.9	45.1	41.1	34.7	7.0		68		1.0		1	1	0	1	0	0	15	13	0
	0300		975.5	—	1021.8	45.8	41.2	33.4	6.8	+0.7	65	+5	1.0	—1.4	2	1	1	2	2	3	12	7	1
	1200		973.8		1018.5	63.0	57.3	40.5	8.6		43		1.3		1	0	7	13	3	2	2	1	2
Wana	(j) 0300	4503	865.4	—	906.3	32.6	31.2	28.8	5.4	+0.5	85	+5	0.3	—2.0	0	0	0	0	(j) 0	0	0	0	21
	(j) 1200		863.6		902.8	50.5	45.0	38.8	8.0		64		0.5		0	0	0	0	(j) 0	1	0	0	20
D. I. Khan	0000	570	999.2		1020.4	44.2	40.6	35.7	7.0		72		1.6		0	0	0	0	0	0	1	0	30
	0300		1000.2	+2.0	1021.5	43.5	39.7	34.0	6.6	—0.4	67	—4	2.3	—0.3	1	1	0	0	0	0	1	0	28
	1200		997.4		1017.6	66.1	53.8	41.0	8.7		38		2.7		2	2	0	0	0	1	0	1	25
AFGHANISTAN																							
Jalalabad	0300	1950	950.3	—	902.2	46.7	38.5	24.7	4.7	—	44	—	3.4	—	0	3	0	0	0	10	5	1	12
	1200		947.6		901.3	61.7	47.0	26.9	5.1		28		3.7		0	0	2	0	0	3	0	0	26
Kabul	0300	5955	824.6	—	805.3	28.6	25.7	20.0	3.7	+0.5	69	—4	4.5	+0.8	0	1	1	1	10	10	3	2	3
	1200		822.6		804.0	42.7	34.3	20.9	3.8		40		5.3		3	3	2	5	6	5	2	0	5
Kandhar	0300	3462	898.6	—	904.8	36.3	34.4	31.4	5.9	—	81	—	3.7	—	0	0	4	1	0	1	0	0	25
	1200		896.4		902.5	51.8	45.0	37.0	7.5		56		4.0		1	4	2	0	0	5	2	0	17
BALUCHISTAN (NORTH)																							
Fort Sandeman	0300	4614	863.4	+1.7	907.8	35.7	31.7	22.8	4.5	—0.5	63	—14	3.7	+0.9	1	4	3	4	1	3	2	1	12
	1200		861.9		904.2	51.7	40.4	18.9	4.0		30		3.9		6	4	2	0	0	0	3	6	10
Hindubagh	0000	5909	822.5		802.1	32.2	30.4	27.6	4.9		83		2.8		1	0	3	0	0	12	10	3	2
	0300		823.7	—	803.2	30.8	29.2	26.6	5.0	—	85	—	3.6	—	1	1	2	0	0	7	10	5	5
	1200		821.7		801.9	46.8	39.8	31.0	5.9		54		4.1		0	3	3	3	0	12	5	5	0
Loralai	0000	4699	859.3		906.2	35.3	32.6	25.8	5.1		74		3.0		0	0	1	0	2	1	1	0	26
	0300		806.1	—	907.2	33.7	30.7	25.0	4.7	—	71	—	3.5	—	0	0	0	0	0	2	11	2	16
	1200		857.9		903.5	51.3	41.8	27.4	5.2		40		3.8		0	0	5	3	10	2	1	1	9
Sibi	0000	441	1004.9		1021.2	48.6	44.9	39.6	8.8		74		1.3		0	0	0	0	0	0	0	0	31
	0300		1006.3	+4.0	1022.7	47.6	44.2	39.2	8.4	+2.9	74	+24	3.0	+0.4	0	0	0	0	0	0	0	1	30
	1200		1003.3		1019.1	68.3	55.1	40.6	9.0		38		2.7		0	0	0	1	0	2	0	2	26

(R) Register not received.

(j) Mean for 21 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY 1955.

Division and Station	Hours of observation.	Mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest GpKm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observation From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
BALUCHISTAN (NORTH)																							
Quetta (Samungli)	0000	5253	843.5		802.3	32.0	30.8	28.9	5.4		90		2.8		2	0	8	7	0	1	1	3	9
	0300		844.3	—	803.2	32.8	31.4	29.4	5.4	—	86	—	4.1	—	0	0	7	4	1	1	2	0	16
	1200		843.3		802.8	47.0	41.2	34.5	6.5		61		4.6		4	0	1	2	4	3	5	11	1
Quetta	0300	5490	835.6	+0.8	802.3	35.0	33.5	31.0	6.0	+1.1	87	+9	4.0	+0.5	2	0	0	0	6	0	0	0	23
	1200		833.4		800.8	46.1	40.8	35.2	6.6		64		5.2		12	2	1	0	0	5	1	5	5
Chaman	0000	4311	873.1		907.2	39.9	36.6	31.5	5.8		73		3.8		0	2	14	8	2	1	0	2	2
	0300		874.3	+2.7	908.5	38.6	35.6	30.2	5.9	—0.2	74	+8	4.1	+0.7	0	3	14	5	2	1	0	1	5
	1200		873.5		906.4	49.6	42.2	31.9	7.1		51		5.2		3	2	1	0	0	4	12	8	1
Kalat	0000	6616	799.6		801.2	33.1	32.1	30.1	5.7		91		1.6		2	0	0	0	4	2	1	1	21
	0300		800.3	—0.1	801.9	31.8	31.2	30.4	5.8	+1.4	95	+25	3.4	+0.4	2	1	1	2	12	2	0	2	9
	1200		799.3		800.9	43.7	37.4	28.7	5.3		54		3.5		6	0	0	0	1	7	4	10	3
Nushki	0000	3416	*		*	44.4	41.0	35.9	7.2		73		1.0		0	9	1	6	0	8	0	5	2
	0300		907.5	—	911.8	46.2	42.6	38.1	7.9	—	74	—	1.0	—	0	9	5	0	0	0	0	2	15
	1200		904.9		909.1	55.5	47.5	38.6	7.8		53		2.9		1	3	0	3	1	2	3	13	5
Dalbandin	0000	2785	922.6		905.4	41.9	40.0	38.0	7.5		84		3.0		0	13	3	1	0	1	0	1	12
	0300		923.5	+1.9	906.2	40.4	38.9	37.0	6.9	0.0	87	+14	4.2	+1.2	0	4	5	1	0	0	3	2	16
	1200		921.4		904.8	58.5	47.8	39.6	3.3		43		4.7		0	5	13	2	4	1	0	1	5
Nokkundi	0000	2229	940.7		904.9	46.0	41.0	34.0	6.7		63		0.8		0	1	0	3	1	0	0	26	0
	0300		942.2	—	905.9	45.1	40.4	34.0	6.6	+1.1	68	+15	1.3	—1.3	0	2	0	2	0	0	1	26	0
	1200		939.7		905.0	62.9	51.6	38.0	8.4		42		1.3		0	2	2	4	0	0	0	21	1
BALUCHISTAN (SOUTH)																							
Panjgur	0000	3177	908.6		904.9	44.0	40.6	36.2	7.2		73		3.6		4	11	1	1	5	4	4	0	1
	0300		909.8	+1.9	906.2	44.0	40.2	34.4	6.8	—0.1	69	—5	2.9	+0.2	1	14	3	1	2	0	0	2	8
	1200		907.7		904.1	59.9	49.4	36.9	7.9		44		4.1		4	3	0	1	1	12	3	6	1
Turbat	0000	510	1001.8	—	1020.0	56.8	56.2	51.4	15.4	—	97	—	3.2	—	0	10	0	6	0	1	1	0	13
	0300		1002.4		1020.9	58.0	54.9	51.4	13.4		81		3.5		0	9	0	4	0	2	2	0	14
	1200		999.5		1017.4	73.2	60.8	50.1	12.4		45		3.5		0	6	0	5	1	7	8	2	2
Pasni	0000	10	1017.5		1017.9	61.0	57.6	53.4	14.6		80		1.8		4	4	7	0	0	0	2	1	13
	0300		1018.6	+0.8	1019.0	61.0	57.8	54.7	15.1	+1.7	82	+5	1.9	—0.4	9	4	5	2	0	0	0	6	5
	1200		1016.6		1016.9	72.8	64.2	57.4	16.9		61		1.9		0	1	6	7	7	7	1	2	0
Ormara	0000	15	1017.0		1017.5	61.6	60.2	58.7	17.3		91		2.5		0	3	7	1	2	1	1	0	16
	0300		1018.2	—	1018.7	61.6	60.2	59.1	17.3	+4.2	91	+15	2.3	—0.3	1	4	5	0	2	0	0	0	19
	1200		1015.9		1016.4	72.2	66.8	63.2	19.7		73		1.8		0	1	9	4	7	5	3	0	2
Lasbela	0000	292	1008.9		1019.6	53.1	49.7	45.8	10.5		76		2.7		0	0	0	0	1	0	0	1	29
	0300		1009.5	+1.7	1020.1	54.9	51.3	46.9	11.4	+1.7	77	+11	2.6	+0.4	6	3	6	1	1	2	4	7	
	1200		1006.0		1016.3	76.3	61.4	46.9	11.6		38		2.9		1	2	3	2	10	4	4	5	0
SIND (LOWER)																							
Karachi (Manora)	0000		1017.6		1018.0	58.9	51.4	42.6	9.7		57		2.2		2	16	1	0	0	0	0	0	12
	0300	13	1019.0	+1.6	1019.5	60.3	52.2	43.2	9.7	—0.9	55	—7	3.1	+0.8	0	22	5	0	0	0	0	0	4
	1200		1016.3		1016.8	72.5	62.8	56.1	15.7		57		3.3		1	5	7	2	2	4	9	0	1

(*) Data rejected.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1955.

Division and Station	Hours of observation	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0·1 cm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	ok	ta*									
Karachi (Airport)	0000	73	1015.5	—	1018.3	55.4	49.9	43.3	10.1	—	65	—	2.3	—	7	13	0	0	0	0	0	0	11
	0300		1017.2		1020.0	55.1	49.6	43.0	10.1		65		2.9		5	9	1	0	0	0	0	0	16
	1200		1014.1		1016.8	73.6	59.8	46.9	12.7		40		2.8		1	11	5	1	3	5	4	0	1
Badin	0000	31	1016.3		1017.8	49.9	45.2	39.0	8.4		68		0.8		16	0	0	0	0	0	0	0	15
	0300		1018.7	+2.1	1019.9	49.6	44.8	38.5	8.0	+0.1	65	+7	2.2	+0.4	14	0	0	0	0	0	0	0	17
	1200		1015.5		1016.7	74.1	56.9	38.3	8.3		28		2.3		25	0	0	0	0	0	0	0	6
Umarkot	0000	55	1015.4		1017.4	48.0	41.5	31.9	6.0		52		0.0		10	2	0	0	0	0	0	0	19
	0300		1017.4	—	1019.1	49.2	42.8	33.6	6.4	—	53	—	1.5	—	12	3	1	0	0	0	0	0	15
	1200		1013.8		1015.7	72.6	57.6	41.4	9.7		35		1.7		18	3	0	0	0	0	0	5	5
Chhor	0000	19	1016.7		1017.4	47.1	42.3	36.4	7.1		64		1.5		3	3	0	0	0	0	0	0	25
	0300		1018.7	—	1019.4	48.7	43.1	34.8	7.0	—	59	—	2.4	—	2	6	0	0	0	0	0	1	22
	1200		1015.5		1016.1	74.5	56.1	34.8	7.0		25		2.4		8	17	0	0	0	0	2	2	2
Hyderabad	0000	96	1014.7		1018.2	53.6	47.6	40.4	8.7		61		0.9		1	11	7	8	0	0	0	0	4
	0300		1016.4	+1.6	1019.9	53.2	47.3	40.2	8.3	−0.1	60	0	2.0	+0.2	1	10	8	6	0	0	0	0	6
	1200		1013.4		1016.9	71.5	55.9	38.7	8.1		31		2.1		1	12	5	8	0	0	0	0	5
SIND (UPPER)																							
Padidan	0000	153	1013.5		1019.3	46.7	44.4	41.2	8.9		81		2.4		14	0	0	0	0	0	0	2	15
	0300		1015.3	—	1021.0	47.0	44.5	41.2	8.9	—	81		2.5	—	10	3	1	0	0	0	0	7	10
	1200		1012.5		1017.9	69.5	55.6	40.8	8.5		35		2.2		17	6	0	0	0	0	1	6	1
Nawab Shah	0000	124	1015.6		1020.3	47.1	44.4	40.9	8.9		81		1.3		8	1	0	0	0	0	0	0	22
	0300		1017.3	—	1022.0	47.3	45.0	42.0	8.9	—	81	—	2.5	—	9	0	0	0	0	0	0	5	17
	1200		1014.3		1018.5	70.4	56.5	42.0	9.1		36		2.7		18	1	0	0	0	0	0	3	9
Sukkur	0300	221	1012.7	+2.0	1020.9	50.3	47.1	43.3	9.6	+1.9	77	+16	3.8	+2.2	3	8	6	4	0	0	1	0	9
	1200		1010.1		1018.0	68.4	55.8	43.0	9.6		40		3.6		1	26	0	1	0	0	0	1	2
Jacobabad	0000	183	1013.0		1019.8	51.2	48.1	44.5	10.1		79		2.3		2	2	3	2	1	1	2	5	13
	0300		1014.6	+2.7	1021.5	50.3	47.1	43.4	9.6	+1.4	78	+8	3.3	+1.2	3	2	1	2	1	2	1	3	16
	1200		1011.7		1018.4	69.0	60.5	53.7	14.2		59		2.8		5	2	1	0	1	1	6	11	4
Veraval	0000	26	—		1014.4	62.1	50.0	36.1	6.9		36		0.5		6	11	6	1	0	0	0	0	2
	0300		—	—	1016.8	60.5	50.0	38.2	7.4	—	41	—	1.9	—	6	16	2	1	0	0	1	0	0
	1200		—		1013.0	78.6	65.6	56.5	16.0		47		1.1		2	0	2	0	1	4	12	2	0
Reti *																							
IRAN																							
Jask	0300	13	1019.7	—	1020.1	63.7	60.8	58.5	17.0	—	83	—	4.1	+1.5	0	13	15	2	0	1	0	0	0
	1200		1018.2		1018.6	73.1	68.6	66.0	22.6		79		3.8		0	1	3	5	9	4	7	2	0
ARABIA																							
Muscat	0300	20	1018.0	—	1018.5	67.7	63.0	59.9	18.0	—	77	—	4.5	+2.0	0	1	0	0	0	3	4	3	20
	1200		1016.2		1016.7	73.5	65.5	59.9	17.5		63		4.7		1	1	8	1	0	0	0	12	8
Kuwait x	0300	16																					
	1200																						

(x) Data not available.

(*) Register not received.

(b) Mean for 23 days.

(c) Mean for 29 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JANUARY, 1955.

DIVISION AND STATION	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (East)																					
Cox's Bazar	80.7	+1.1	88	29	56.3	+0.1	52	7	0.00	—0.14	0.00	0	0	—0.3	2.0	+0.5	0	0	0	0	0
Chittagong	81.2	+2.4	85	7 days	54.9	—0.1	49	3	0.00	—0.24	0.00	0	0	—0.4	4.3	+0.6	0	0	0	0	0
Noakhali	77.8	—0.3	82	19,20	55.0	—2.5	46	2	0.00	—0.25	0.00	0	0	—0.5	x		0	0	0	0	0
Comilla	79.3	+0.8	83	31	54.6	+1.7	45	2	0.00	—0.32	0.00	0	0	—0.8	2.0	+0.9	0	0	0	0	0
Brahmanbaria	77.8	—0.6	83	31	54.3	+2.8	47	2	0.06	—0.16	0.06	18	0	—0.7	1.4		0	0	0	0	0
Srimangal	77.6	—0.9	81	26	45.8	—1.7	39	2	0.10	—0.32	0.10	19	1		0.0	—1.4	0	0	3	0	0
Mymensingh	76.0	—0.1	82	31	53.3	—0.3	46	2	0.24	—0.08	0.15	20	1	+0.1	1.5	+0.8	0	0	2	0	0
Narayanganj	78.8	+0.9	83	31	55.9	+0.4	48	2	0.00	—0.32	0.00	0	0	—0.8	0.8	—0.3	0	0	0	0	0
Dacca (Tejgaon)	76.8	—	81	31	51.9	—	44	2	0.00	—	0.00	0	0	-	3.1	—	0	0	7	0	0
EAST PAKISTAN (Deltaic)																					
Faridpur	73.9	—2.0	79	18,21.31	53.5	+1.0	45	5	0.06	—0.37	0.06	22	0	—0.9	2.0	+0.5	0	0	0	0	0
Barisal	78.4	+0.6	84	19,20	56.2	+0.8	50	2,5,6	0.00	—0.42	0.00	0	0	—0.7	x		0	0	0	0	0
Khulna	79.4	+0.9	86	18	*	*	*	*	0.00	—0.44	0.00	0	0	—0.8	1.6	—0.1	0	0	0	0	0
Satkhira	78.8	—1.4	84	18,31	53.5	+1.7	46	6	0.00	—0.38	0.00	0	0	—0.9	1.2	+0.2	0	0	0	0	0
Jessore	79.3	+0.7	86	17	51.1	+1.9	43	2,4	0.00	—0.37	0.00	0	0	—0.9	1.5	+0.5	0	0	1	0	0
EAST PAKISTAN (North)																					
Pabna	77.4	—1.7	85	18	52.1	+0.2	45	7	0.00	—0.40	0.00	0	0	—0.9	x		0	0	0	0	0
Sirajganj	76.6	—	82	30,31	54.0		48	4	0.10	—0.28	0.05	19,20	0	—0.8	x		0	0	1	0	0
Rajshahi									0.00	—0.45	0.00	0	0	—1.0			0	0	0	0	0
Bogra	76.1	+0.3	81	27	53.5	+1.4	45	1	0.23	—0.20	0.15	19	1	0.0	2.0	+1.1	0	0	0	0	0
Dinajpur	77.2	+1.8	82	13,30	51.0	+1.4	39	1	0.00	—0.36	0.00	0	0	—0.9	1.4	+0.3	0	0	2	0	0
Rangpur									0.36	+0.02	0.18	24	1	+0.2			0	5	0	0	0
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Misgar	27.5	—	34	19,20,23	5.3	—1	1	1	0.28	—	0.13	4	1	—	1.2	—	0	0	0	0	0
Gilgit (x)																					
Jammu (x)																					
PUNJAB (North)																					
Lahore (Jail Rd.)	66.7	—1.3	75	20	40.8	+0.7	33	1	0.56	—0.48	0.52	25	1	—1.0	1.4	+0.3	2	0	1	0	0
Lahore Cantt.	65.5	—	73	20	42.1	—	33	1	0.11	—	0.11	25	1	—	2.2	—	2	0	0	0	0
Lahore (Walton)	66.1	—	73	20	39.7	—	31	1	0.27	—	0.20	25	1	—	3.2	—	2	0	0	0	2
Sialkot	65.5	—0.1	73	17,20	*	—	*	—	0.46	—1.50	0.46	25	1	—1.9	1.4	+0.5	1	0	0	0	0
Jhelum	66.7	—	74	17,28	39.1	—	29	1	0.45	—	0.21	3,31	2	—	1.6	—	1	0	0	0	0
Chaklala	63.8	—	72	17	34.5	—	25	2	0.64	—	0.55	31	1	—	3.3	—	2	0	1	0	0
Rawalpindi	64.2	+1.9	72	20	34.9	—3.0	26	1	0.50	—1.99	0.48	31	1	—2.8	1.0	—0.6	1	0	0	0	0

(x)—Data not available.

(*)—Data rejected.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JANUARY, 1955.

Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PUNJAB (North)																					
Murree	43.1	−2.1	52	20	31.2	+0.5	25	4	1.41	−2.38	0.78	31	3	−3.1	6.9	+1.9	2	0	2	0	0
Campbellpur (R)																					
Khushab	68.6	+0.9	78	20	39.2	−1.5	32	4	0.00	−0.69	0.00	—	0	−1.5	1.8	−0.4	0	0	0	0	0
Sargodha **																					
Lyallpur	66.4	−0.7	74	19,20	39.3	−0.6	33	4	0.00	−0.40	0.00	—	0	−1.0	1.0	−0.3	0	0	3	0	0
PUNJAB (South)																					
Leiah **																					
Montgomery	67.0	−1.1	73	19	42.2	+0.5	38	4,5	0.03	−0.43	0.01	2,3,30	0	−1.3	0.9	−1.0	0	0	1	0	0
Multan (Surf.)	68.3	+0.3	75	19	43.5	+1.5	37	4	0.17	−0.20	0.12	2	1	−0.2	1.5	−0.5	0	0	3	0	0
Khanpur (PBO) (R)																					
Khanpur (S)	(a) 71.6	−0.3	78	19	43.3	+3.4	39	5,17	0.42	+0.19	0.20	22	1	+0.2	3.0	−0.4	0	0	2	0	0
Bahawalpur	69.4	−0.5	76	19, 20	43.4	+3.1	38	5	0.00	−0.16	0.00	0	0	−0.6	0.0	−1.7	0	0	1	0	0
Fort Abbas	70.2	—	88	28	41.2	—	31	4	1.14	—	1.03	30	1	—	(g) 3.2	—	0	0	0	0	0
N.W.F.P. (Upper)																					
Drosh	49.4	+3.7	59	17	30.4	−1.0	23	27,28	0.69	−0.68	0.37	11	2	−1.4	2.7	+0.2	0	0	0	0	0
Chakdara	60.7	—	67	17,18,20	*	—	*	—	0.19	—	0.10	24	1	—	2.5	—	0	0	0	0	0
Peshawar	64.5	+1.5	72	19,20,28	39.9	−0.5	32	3,4	0.04	−1.40	0.04	23	0	−2.9	2.6	+1.4	0	0	0	2	0
Risalpur	64.6	—	72	4 days	34.5	—	26	1,2	0.03	—	0.03	2	0	—	1.8	—	0	0	2	0	0
Haripur	*	—	*	—	*	—	*	—	0.14	—	0.09	31	0	—	4.1	—	0	0	0	0	0
Kakul	54.5	—	64	19	37.3	—	31	4 days	0.63	—	0.55	31	1	—	x	—	0	0	0	0	0
Cherat	50.0	+1.7	59	17	39.0	+0.1	29	3	0.06	−2.27	0.06	3	0	−3.5	x	—	0	0	2	0	0
Landikotal	53.5	—	61	17	32.5	—	22	3	0.24	—	0.19	23	1	—	1.7	—	0	0	0	0	0
N.W.F.P. (Lower)																					
Kohat	65.6	—	74	19	43.5	—	34	3	0.00	—	0.00	—	0	—	4.4	—	0	0	0	0	0
Parachinar	50.3	+0.5	59	19	28.7	+0.1	20	3	0.63	−1.40	0.21	3	2	−2.6	2.6	+0.9	0	0	0	0	0
Miranshah (R)																					
Bannu	67.2	+1.7	75	19	41.9	+2.0	35	3,4	0.00	−0.52	0.00	—	0	−1.2	2.4	—	0	0	0	0	0
Wana	(j) 54.0	+0.7	60	4 days	(j) 26.2	−0.6	16	1	(j) 0.53	−0.86	0.30	24	2	−1.0	(k) 0.2	—	0	0	0	0	0
D. I. Khan	69.2	+1.2	77	18	38.8	−1.5	31	17,19	0.04	−0.41	0.04	21	0	−1.2	0.7	−0.3	0	0	0	0	0
AFGHANISTAN																					
Jalalabad	63.1	—	73	19	35.0	—	25	1	0.00	—	0.00	—	0	—	1.7	—	0	0	0	0	0
Kabul	45.8	+8.6	55	18,19	24.7	+5.5	13	3	0.09	−1.20	0.05	6	0	−3.1	4.7	+1.6	0	0	0	0	0
Kandhar	55.2	—	62	1,2,18	32.8	—	28	13	2.34	—	0.70	2	6	—	1.4	—	0	0	1	0	0
BALUCHISTAN (North)																					
Fort Sandeman	53.8	−0.9	61	18,19	30.4	−0.2	25	1,9,13	1.24	+0.52	0.36	29	4	+1.9	2.2	+0.6					
Hindubagh	50.5	—	59	1,17	26.6	—	16	13	1.93	—	0.57	20	7	—	4.4	—					
Loralai	52.4	—	59	17,18	30.1	—	24	13,14	0.66	−0.10	0.25	21	6	+4.1	2.8	—					
Sibi	70.7	+0.6	77	19	44.9	+2.9	39	13,14	1.36	+0.92	0.68	24	3	+1.9	x	—					
Karnai									0.35	−0.54	0.30	29	1	−1.0							

(*) — Data rejected.
(R) — Register not received.
(x) — Register not available.

(a) Mean for 30 days.
(g) ,, for 24 days.
(j) ,, for 21 days.

(k) Mean for 20 days
** Obs. remained closed.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JANUARY, 1955.

Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (inches)						Wind Velocity (knots)		Weather Number of Days				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard	Hail.	Visibility Code Figure 93 or less: Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN (North)																					
Quetta (Samungli)	50.1	—	61	1	28.4	—	22	4	1.72	—	0.40	20	7	—	3.7	—	0	0	4	1	0
Quetta	49.3	—	62	1	30.7	—	20	12	1.84	—	0.51	20	9	—	3.9	+1.7	0	2	2	0	0
Chaman	53.9	+1.5	65	2	35.5	+1.0	31	4,5,12	4.96	+3.32	0.98	20	10	+5.6	4.0	+0.3	0	0	0	0	0
Kalat	47.5	−2.0	59	1	28.4	+2.5	19	12	4.30	+2.99	2.10	29	8	+4.5	4.6	+0.9	0	0	0	0	0
Nushki	58.1	—	70	1	*	—	—	—	2.22	—	0.71	20	5	—	5.4	—	0	0	0	0	0
Dalbandin	60.8	−0.7	70	1,16	36.3	+1.0	26	11	1.07	+0.19	0.48	20	4	+1.9	(x)	—	2	0	2	0	0
Nokkundi	65.5	+2.1	32	12	40.6	+2.3	32	12	0.39	−0.50	0.22	19	2	0.0	4.2	−0.7	0	0	0	0	0
BALUCHISTAN (South)																					
Panjgur	61.6	−1.3	70	18.19	39.0	+0.4	28	12	1.82	+0.99	1.02	20	3	+1.1	2.1	−2.3	0	0	0	0	0
Turbat	75.7	—	83	1	55.3	—	45	13,14	3.74	—	1.37	1	7	—	x	—	0	0	0	0	0
Pasni	74.2	−0.3	80	18	58.3	+3.6	51	13	2.53	+0.58	0.72	23	6	+3.7	7.8	+2.8	2	0	0	0	0
Ormara	73.5	−0.3	79	9	58.6	+2.1	53	12,13,25	2.45	+0.90	0.64	1	7	+5.2	3.3	−0.7	0	0	0	0	0
Lasbela	79.1	+1.0	86	19	x	—	—	—	0.07	−0.19	0.07	1	0	−1.0	1.5	−0.2	0	0	0	0	0
SIND (Lower)																					
Karachi (Manora)	75.5	0.0	80	8,9,10	58.0	+0.6	54	4 days	0.11	−0.35	0.11	22	1	0.0	x	—	0	0	0	1	0
Karachi (Airport)	76.5	—	82	9,21	51.4	—	46	5 days	0.41	—	0.25	30	2	—	3.0	—	0	0	0	0	0
Badin	76.9	+0.6	86	21	47.1	−0.1	42	13,14,15	0.00	−0.15	0.00	—	0	−0.4	3.6	—	0	0	0	0	0
Umerkot	75.8	—	83	21	45.3	—	39	16	0.00	—	0.00	—	0	—	4.3	—	0	0	0	0	0
Chhor	76.2	—	83	21	42.0	—	37	4 days	0.06	—	0.06	22	0	—	3.7	—	0	0	0	0	0
Hyderabad	73.3	−2.5	84	7	50.8	+0.2	45	25,26	0.19	+0.02	0.19	22	1	+0.5	3.0	−0.6	0	0	0	0	0
SIND (Upper)																					
Padidan	71.2	—	79	19	42.8	—	36	14	0.10	—	0.05	21,22	0	—	3.9	—	0	0	0	0	0
Nawabshah	72.4	—	81	7	43.8	—	37	25	0.05	—	0.05	22	0	—	3.0	—	0	0	0	0	0
Sukkur	72.0	−0.3	79	7,19	46.6	+1.6	42	16	0.18	0.00	0.10	21	1	+0.6	2.1	−0.3	0	0	2	0	0
Jacobabad	70.3	−1.1	78	19	46.1	+2.0	41	15	0.44	+0.21	0.26	20	1	+0.3	3.1	+0.5	0	0	0	0	0
Reti x	(p)				(i)																
Veraval	83.9	—	89	12,21	60.4	—	47	8	0.00	—	0.00	—	0	—	—	—	0	0	0	0	0
IRAN																					
Jask	75.3	+0.8	79	1,5,19	61.3	+0.8	55	11	7.39	+6.22	3.37	20	6	+3.9	6.6	−0.5	0	0	0	0	0
ARABIA																					
Muscat	76.7	+1.4	89	20	*	—	—	—	—	—	0.80	21	10	+8.4	2.2	−1.3	1	0	0	0	0
Kuwait*																					

(a) — Mean for 30 days.

(*) — Data rejected.
(x) — Data not available.
(i) — Mean for 22 days.
(p)—Mean for 15 days

(b) — Data for 29 days.
(p) — Mean for 15 days.

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REGD. No. S-1452

PAKISTAN WEATHER REVIEW, 1955

MONTHLY WEATHER REPORT

FEBRUARY

(PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN)

Chief Features:

(1) Poor rainfall over West Pakistan during the first three weeks.

(2) Spell of Wet Weather over West Pakistan during the last four days of the month.

West Pakistan:

Five western disturbances affected the region during the first three weeks of the month but were feeble except two which caused a few falls of rain or snow in the extreme north of West Pakistan and few duststorms in the South Punjab and the North-West Frontier Province.

A western disturbance moving across the extreme north of West Pakistan induced a seconday over Baluchistan and Sind which, combined with its primary, caused scattered thunderstorm activity over the whole of West Pakistan in the beginning of the 4th week. It was followed by three active western disturbances which moved in quick succession across West Pakistan and were responsible for a spell of wet weather over the region specially in Sind on the last day.

Chief amounts of rainfall recorded during the month were:— Parachinar 1/2″ on the 25th; Padidan 3/4″ and Multan, Jacobabad, Sukkur, Hyderabad and Karachi (Airport) 1/2″ each on the 28th.

The mean rainfall during the month was in moderate excess in the South Punjab, in large excess in Upper Sind, in moderate defect in Lower Sind and in large defect elsewhere. Averaged over the plains of West Pakistan it was in large defect.

The mean maximum temperature was below normal in Lower Sind and above normal elsewhere.

The mean minimum temperature was above normal in the South Punjab, below normal in South Baluchistan and normal elsewhere. The mean relative humidity was in excess in Upper Sind in defect in the North Punjab, the Upper North-West Frontier Province and South Baluchistan and normal elsewhere. Skies were less clouded than usual all over the region except in Upper Sind where they were normally clouded.

East Pakistan:

In association with the passage of two western disturbances across the sub-Himalayan Bengal, scattered rain/drizzle fell over East Pakistan during the first week of the month. Bogra reported 1/4″ rain.

Local rain or drizzle was also reported from the Northern sub-division on the 11th. Weather remained dry thereafter in East Pakistan.

The mean rainfall during the month was in large defect over the region as also over each of the sub-divisions. The mean maximum temperature was normal in Eastern Sub-division and above normal elsewhere. The mean minimum temperature was normal all over the region except Deltaic Sub-division where it was below normal. The mean relative humidity was normal in Deltaic Sub-division and below normal elsewhere. Skies were less clouded than usual over the region.

Table I contains the Divisional and Sub-divisional means of rainfall, temperature, humidity and cloud for the five Chief divisions and 12 sub-divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent tables.

TABLE I.—DIVISIONAL AND SUB-DIVISIONAL MEANS FOR FEBRUARY 1955—*contd.*

Division	PRECIPITATION				DEPARTURE FROM NORMAL OF				
							03 hrs. G. 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
	"	"	"		°	°	mb	%	
East Pakistan	0.06	0.96	−0.90	−93	+1.8	−1.7	−1.6	−7	−1.4
Mean of East Pakistan	0.06	0.96	−0.90	−93	+1.8	−1.7	−1.6	−7	−1.4
(1) Punjab	0.01	0.89	−0.68	−76	+6.2	+1.1	−0.7	−6	−1.1
(2) N.W.F.P.	0.03	1.13	−1.10	−97	+3.5	+0.1	+0.2	−5	−1.6
(3) Baluchistan	0.10	1.17	−1.07	−91	+4.3	−0.6	−1.0	−5	−1.0
(4) Sind	0.43	0.31	+0.12	+39	+5.7	−0.5	−0.8	+1	−0.7
Mean of West Pakistan excluding Baluchistan	0.25	0.73	−0.48	−66	+5.6	+0.4	+1.6	+3	−1.0
East Pakistan (East)	0.03	1.05	−1.02	−98	+1.5	−1.3	−2.1	−9	−1.4
East Pakistan (Deltaic)	0.05	1.08	−1.03	−95	+2.0	−2.3	−0.9	−3	−1.4
East Pakistan (North)	0.09	0.75	−0.66	−88	+2.2	−1.8	−1.7	−11	−1.2
Kashmir (x)									
North Punjab	0.01	1.32	−1.31	−99	+6.7	+0.2	−0.9	−8	−1.1
South Punjab	0.45	0.36	+0.09	+25	+5.7	+2.2	−0.5	−4	−1.1
N.W.F.P. (Upper)	0.08	1.53	−1.45	−95	+7.2	+0.8	−0.9	−13	−2.1
N.W.F.P. (Lower)	0.00	0.93	−0.93	−100	+3.1	−0.2	+0.7	−1	−1.4
Baluchistan (North)	0.13	1.10	−0.97	−88	+4.8	−0.1	−0.9	−4	−1.7
Baluchistan (South)	0.02	1.34	−1.32	−98	+3.2	−2.3	−1.9	−7	−1.7
Sind (Lower)	0.21	0.31	−0.10	−32	−6.5	−1.1	−2.1	−5	−1.1
Sind (Upper)	0.65	0.31	+0.34	+110	+4.9	+0.1	+0.5	+7	−0.3
Junagadh (x)									

(x) Data incomplete.

SUB-DIVISION AND STATION	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0gkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb	%	%	oktas										
EAST PAKISTAN (EAST)																							
x's Bazar	0000																						
	0300	38	1011.6	—2.0	1013.0	70.5	62.4	56.2	16.1	—2.3	62	—7	0.6	—0.9	2	15	4	1	0	0	0	3	3
	1200		1008.7		1010.0	75.8	67.2	61.7	19.1		62		1.0		0	0	0	0	0	1	8	17	2
ittagong	0000																						
	0300	87	1009.9	—2.7	1013.0	71.0	61.6	53.6	14.4	—2.9	55	—16	0.7	—1.1	11	11	2	0	0	0	0	3	1
	1200		1006.2		1009.2	75.8	64.8	58.1	16.1		53		0.9		3	0	0	0	0	5	9	8	3
akhali (Maidi)	0000	25	1010.2		1011.1	57.7	56.0	54.6	14.9		91		0.2		0	0	0	0	0	0	0	0	28
	0300		1012.2	—2.4	1013.0	68.1	61.6	56.2	15.7	—3.0	67	—6	0.4	—1.8	1	0	0	0	0	0	0	2	25
	1200		1008.8		1009.7	76.2	63.7	54.7	14.4		47		0.4		0	0	0	1	0	0	0	0	27
milla	0000	29	1010.1		1011.1	56.5	55.5	54.4	14.9		94		1.0		1	1	0	1	2	0	0	0	23
	0300		1012.2	—2.4	1013.1	69.5	61.1	55.0	14.2	—3.5	59	—12	0.4	—1.8	1	5	0	5	4	0	1	3	9
	1200		1008.3		1009.4	77.2	63.9	53.7	13.9		44		0.6		6	2	1	0	2	1	6	6	4
ahmanbaria	0000	32	1009.9		1011.0	57.4	55.2	53.2	13.9		87		0.9		3	0	0	1	1	1	1	0	21
	0300		1012.2		1013.3	69.6	61.8	55.8	15.4	—0.5	61	—6	0.9	—1.4	3	4	2	0	5	1	0	0	13
	1200		1008.7		1009.8	76.2	64.2	56.2	15.0		49		0.6		2	0	0	0	1	0	1	0	24
imangal	0000	69	1009.5		1011.7	48.1	47.3	46.3	10.5		92		0.6		0	0	0	0	0	0	0	0	28
	0300		1010.9	—2.1	1013.3	64.0	59.1	55.5	14.8	—0.8	73	—4	0.8	—1.3	0	0	0	0	0	0	0	0	28
	1200		1007.7		1010.1	73.2	65.1	59.5	17.5		63		0.6		0	0	0	0	0	0	0	0	28
mensingh	0000	62	1009.2		1011.5	57.8	54.9	52.3	13.4		81		1.4		1	0	1	0	0	0	0	0	26
	0300		1011.4	—2.0	1013.7	66.2	59.6	54.4	14.5	—1.0	66	—8	0.9	—1.4	0	1	13	0	3	0	2	0	9
	1200		1007.5		1009.7	77.3	64.5	54.8	14.5		46		0.6		0	0	1	0	0	1	1	0	25
rayanganj	0000	26	1011.0		1011.9	59.3	56.6	54.3	14.5		85		0.9		0	0	0	0	0	0	0	2	26
	0300		1012.5	—1.9	1013.4	70.2	61.2	54.5	14.3	—2.4	57	—14	0.9	—1.6	5	3	2	1	0	2	5	5	5
	1200		1008.7		1009.6	77.5	63.1	52.1	12.8		40		1.2		0	0	0	0	1	0	0	1	26
cca Tajgaon	0000	27	1009.5		1010.5	55.3	52.6	49.8	12.4		84		0.9		5	2	0	2	2	1	0	2	14
	0300		1011.6		1012.6	69.7	59.8	51.3	13.2		53		0.8		8	2	1	1	0	6	5	2	3
	1200		1008.0		1009.0	77.1	61.2	46.6	11.1		35		1.0		1	0	0	0	0	2	8	9	8
(EAST PAKISTAN (DELTAIC)																							
ridpur	0000	46	1010.0		1011.6	55.9	53.8	51.5	13.3		87		0.9		6	2	0	0	0	0	0	3	17
	0300		1011.7	—1.8	1013.3	68.6	60.1	54.7	14.2	—2.1	59	—15	0.8	—1.2	6	2	0	1	1	2	2	5	9
	1200		1007.8		1009.4	77.4	65.0	55.0	15.1		47		0.8		8	3	0	0	1	0	1	6	9
risal	0000	11	1010.7		1011.1	60.1	58.0	56.6	15.6		88		0.6		0	0	0	0	0	0	0	4	24
	0300		1012.6	—2.1	1013.0	70.0	62.3	56.6	15.9	—2.6	63	—10	0.9	—1.2	3	4	1	4	1	0	1	1	13
	1200		1009.0		1009.4	81.1	66.3	56.6	13.1		41		0.9		2	2	0	0	1	0	0	1	22
ulna	0000	16	1010.8		1011.4	59.5	57.0	54.7	14.5		85		0.9		0	0	0	0	0	0	0	4	24
	0300		1012.6	—2.2	1013.2	68.5	60.6	54.0	14.7	—1.8	61	—5	1.0	—1.5	3	2	0	2	0	1	1	0	19
	1200		1009.1		1009.7	78.6	64.6	54.3	14.8		43		0.7		0	1	0	1	0	0	0	2	24
khira	0000	16	1010.8		1011.4	57.8	55.5	53.2	13.9		85		0.4		0	0	0	0	0	1	0	0	27
	0300		1012.7	—1.9	1013.3	67.2	62.1	54.1	16.7	—0.4	74	0	0.5	—1.9	6	2	1	2	0	2	2	5	8
	1200		1009.5		1010.1	78.7	65.7	58.9	16.0		47		0.1		0	0	0	0	0	0	0	0	28

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBEUARY 1955

SUB DIVISION AND STATION	Hours of observation.	Height of barcistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal.	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas									
EAST PAKISTAN (DELTAIC)—contd.																						
Jessore	0000	26	1010.0		1010.9	54.6	53.1	51.8	13.3		90		0.6		0	0	0	0	0	0	1	0
	0300		1011.7	—2.9	1012.7	66.2	63.6	55.4	18.9	+2.5	87	+16	0.9	—1.3	5	4	4	1	1	2	4	2
	1200		1008.1		1009.0	78.4	65.0	55.6	14.6		45		0.7		2	1	0	0	1	0	4	7
EAST PAKISNAN (NORTH)																						
Pabna	0000																					
	0300					74.9	61.1	49.0	12.0	—3.9	40	—30										
	1200																					
Sirajganj	0000	49	1008.8		1010.6	56.6	54.8	53.6	13.9		87		1.1		2	0	0	0	0	0	1	5
	0300		1011.0		1012.7	69.6	61.4	54.9	15.4		61		0.9		9	1	1	0	0	1	1	3
	1200		1007.4		1009.1	74.3	64.3	57.3	15.9		55		0.4		0	0	0	0	0	0	0	0
Rajshahi	0000	—																				
	0300																					
	1200																					
Bogra	0000	63																				
	0300		1011.0	—2.0	1013.2	66.0	58.8	52.2	13.9	—0.8	64	—8	0.8	—1.1	0	3	4	2	0	5	5	3
	1200		1007.8		1010.0	77.5	62.5	50.3	12.2		39		0.8		0	0	1	0	0	4	8	0
Dinajpur	0000	123	1006.9		1011.2	53.4	51.8	50.2	12.3		90		0.8		0	0	0	0	0	0	0	0
	0300		1008.9	—1.9	1013.3	66.5	58.6	52.1	13.5	—0.5	60	—13	0.6	—1.3	0	0	0	0	0	0	2	0
	1200		1005.3		1009.7	76.8	65.3	57.5	16.3		51		0.5		0	0	0	0	0	0	0	0
Rangpur	0000																					
	0300	—											0.6		0	2	5	0	1	0	8	0
	1200												0.5		0	0	0	0	0	0	1	0
KASHMIR																						
Srinagar (X)	0300	5205																				
	1200																					
Gulmarg (X)	0300	8709																				
	1200																					
Gurer (X)	0300	—																				
	1200																					
Sanamarg (X)	0300	—																				
	1200																					
Dras (X)	0300	10059																				
	1200																					
Kargil (X)	0300	—																				
	1200																					
Leh (X)	0300	11529																				
	1200																					
Skardu (X)	0300	7250																				
	1200																					

x—Data not available.

SUB DIVISION AND STATION	Hours of observation.	Height of barcistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observation from —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F			Mb.	Mb.	%	%	oktas										
Misgar	0000					13.3	11.5	5.9	1.8		69		3.6		0	0	0	0	0	0	0	0	28
	0300	10190		—		15.5	12.6	5.0	1.6	—	57	—	2.7	—	0	0	1	0	0	0	0	0	27
	1200					30.6	*	*	*		*		3.4		1	0	5	1	0	0	0	0	21
Gilgit (x)	0000																						
	0300	950																					
	1200																						
Jammu (x)	0000																						
	0300	1200																					
	1200																						
NORTH PUNJAB																							
Lahore (Jail Rd)	0000		988.2		1013.9	47.1	46.4	45.1	10.4		96		1.1		0	1	0	0	0	1	3	0	23
	0300	702	989.4	—1.3	1015.0	50.7	47.5	44.0	9.8	+0.1	79	+4	2.5	—0.6	0	1	0	0	0	0	0	0	27
	1200		987.4		1011.8	74.4	58.7	43.7	9.8		34		2.0		1	1	0	0	0	1	8	10	7
Lahore Cantt.	0000		987.6		1013.5	50.5	46.1	41.1	9.7		68		1.3		2	2	0	0	0	3	2	2	17
	0300	703	988.4	—	1014.3	52.4	47.1	40.7	9.4	—	63	—	2.6	—	0	2	1	0	0	0	2	4	19
	1200		986.6		1011.3	73.9	55.7	38.7	8.0		28		1.9		2	1	0	1	0	1	7	15	1
Lahore Walton	0000		987.9		1013.7	47.7	45.0	43.2	9.0		81		1.6		2	0	1	1	0	1	4	11	8
	0300	699	989.3	—	1013.6	50.8	46.7	43.0	9.0	—	72	—	2.4	—	2	0	3	1	0	0	1	11	9
	1200		987.1		1011.4	73.9	58.0	42.7	9.3		32		2.1		1	0	0	0	0	1	11	14	1
Sialkot	0000		983.5		1013.7	50.9	47.6	41.2	9.9		77		1.0		1	0	1	0	0	0	0	1	25
	0300	830	984.7	—1.5	1014.8	52.8	48.5	43.8	9.9	—0.7	71	—12	2.4	—0.2	0	4	1	0	0	0	0	5	18
	1200		982.7		1011.6	71.8	60.2	51.3	13.1		30		2.5		1	0	0	4	1	5	1	2	14
Jhelum	0000		986.4		1014.7	45.9	42.8	38.9	8.0		76		1.3		1	1	1	1	1	1	1	0	21
	0300	765	987.7	—	1015.9	47.4	43.5	38.6	7.9	—	72	—	2.5	—	0	1	2	1	1	0	0	2	21
	1200		985.2		1011.9	74.0	56.3	36.5	7.6		28		2.2		0	0	0	0	1	3	6	6	12
Chaklala	0000		955.5		895.8	41.8	38.7	34.7	6.8		76		1.5		2	1	0	0	0	1	8	4	12
	0300	1667	956.2	—	897.0	43.5	40.0	36.0	7.0	—	72	—	2.2	—	2	1	0	0	0	0	3	4	18
	1200		954.4		898.1	70.1	54.7	38.4	8.4		33		2.7		0	0	0	0	2	0	22	0	4
Rawalpindi	0000		955.3		896.7	45.6	41.2	35.5	7.1		67		0.0		0	0	0	0	0	0	1	0	27
	0300	1676	956.7	—0.5	898.4	48.6	42.5	34.7	6.8	—1.7	59	—19	2.0	—1.3	0	0	0	0	0	0	1	0	27
	1200		954.5		898.5	69.5	53.5	36.3	7.5		30		2.6		0	0	0	0	1	1	3	0	23
Murree (x)	0000																						
	3000	7113	783.1	—0.3	799.5	39.3	33.0	22.5	4.2	—0.7	49	—12	2.8	—1.0	0	11	1	4	0	0	0	7	5
	1200		782.6		798.7	45.6	36.9	23.9	4.4		44		3.5		0	1	0	4	0	1	13	5	4
Campbellpur (R)	0000																						
	0300	—																					
	1200																						
Khushab	0000		991.3		1014.1	45.0	41.8	37.5	7.5		74		0.5		0	3	3	1	2	2	1	1	15
	0300	616	992.7	—1.8	1015.3	48.6	44.8	37.0	8.4	+0.1	72	+7	1.6	—1.4	2	5	3	2	3	5	2	2	4
	1200		990.6		1011.6	75.5	56.8	36.2	7.4		24		1.5		2	2	1	2	3	3	5	6	4
Sargodha (x)	0000																						
	0300	—																					
	1200																						

(R) Registerd not received.

(*) Data rejected.
(x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY, 1955.

SUB-DIVISION AND STATION	Hours of observation.	Height of barcistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0·1km. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Relative humidity.	Departure from normal.	Wind Direction Number of Observations from:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Lyallpur	0000		991.5		1013.7	48.4	45.1	41.2	8.7		76		2.1		1	5	1	0	0	3	2	1	15
	0300	605	993.0	−0.9	1015.2	50.8	44.4	35.0	7.1	−2.2	55	−20	2.0	−1.8	1	0	2	1	0	0	3	1	20
	1200		991.2		1012.2	75.0	57.9	41.9	9.2		32		2.1		6	0	1	0	1	2	2	1	15
SOUTH PUNJAB																							
Leiah (x)	0000	—																					
	1200																						
Montgomery	0000	558	993.3		1013.6	50.1	47.1	43.5	9.7		78		1.7		2	0	0	1	0	5	2	2	16
	0300		994.7	−1.3	1015.0	51.4	47.8	43.5	9.7	−0.3	75	−3	2.0	−0.4	2	0	0	1	1	3	1	3	17
	1200		992.6		1012.0	75.0	59.5	45.1	10.4		35		2.2		2	1	0	3	1	5	6	5	5
Multan	0300	413	1001.5	+0.2	1015.7	66.3	49.5	41.5	9.1	−1.6	58	−12	1.2	−1.3	4	0	2	1	5	1	0	4	11
	1200		999.0		1012.3	75.4	58.8	41.9	9.5		32		1.1		0	5	0	6	6	4	0	1	6
Khanpur P.B.O. (R)	0000	290																					
	0300																						
	1200																						
Khanpur	0300	297	1003.8	−1.0	1014.7	53.6	47.3	39.5	8.3	−0.6	63	−3	1.3	−1.2	5	5	2	1	2	1	0	0	12
	1200		999.2		1009.5	79.7	60.6	42.4	9.5		33		1.0		1	5	0	0	0	1	1	2	18
Bahawalpur	0300	384	1000.8	−0.9	1014.8	54.0	49.2	43.3	9.8	+0.3	68	+1	1.1	−1.5	0	0	0	1	0	0	0	1	26
	1200		998.4		1011.8	77.0	61.4	47.7	11.6		37		1.7		0	0	0	1	0	0	0	0	27
Fort Abbas	0000	475	995.9		1013.4	49.4	46.8	43.6	9.4		81		0.7		2	7	8	5	2	2	1	0	1
	0300		996.0	—	1013.1	57.0	50.3	42.6	9.4	—	60	—	1.2	—	2	4	7	6	3	2	1	1	2
	1200		995.3		1012.0	73.3	59.5	46.0	10.8		39		1.3		9	11	2	1	0	0	2	2	1
N.-W.F.P. (UPPER)																							
Drosh	0000	4806	855.5		905.1	41.1	36.2	27.9	5.3		59		2.5		0	0	3	0	0	1	0	0	24
	0300		856.3	−0.1	906.0	40.9	34.9	22.8	4.2	−1.1	52	−19	3.5	−0.4	0	3	1	1	1	1	0	0	21
	1200		853.0		901.1	54.8	40.9	16.1	3.1		21		4.9		0	9	2	2	0	3	0	0	12
Chakdara	0000	2197	936.1		897.7	43.6	39.1	32.4	6.3		65		0.7		5	1	0	0	1	0	0	1	20
	0300		937.7	—	899.3	44.0	38.8	31.4	5.9	—	60	—	1.2	—	7	3	0	0	1	0	0	1	16
	1200		934.6		898.1	68.9	52.3	35.4	6.7		28		1.8		0	2	0	3	8	7	1	0	7
Peshawar	0000	1175	972.8		1014.8	47.8	43.0	35.6	7.3		64		1.7		0	0	0	1	4	20	2	0	1
	0300		973.8	−1.9	1015.8	48.5	43.4	35.8	7.3	−0.9	63	−13	3.0	−2.1	0	0	0	1	9	13	1	0	4
	1200		971.4		1011.4	71.2	56.8	41.7	9.3		35		2.6		1	7	3	3	1	0	1	2	10
Risalpur	0000	993	979.2		1015.9	42.3	39.3	34.2	6.8		71		1.0		2	2	0	0	0	2	2	2	18
	0300		980.5	—	1017.7	42.6	38.6	33.2	6.2	—	67	—	2.5	—	7	1	0	0	0	1	0	3	16
	1200		977.6		1012.2	71.7	54.0	31.8	6.3		24		2.8		3	6	0	1	0	1	5	6	5
Haripur	0300	1737	*	—	*	44.6	38.7	29.5	5.7	—	55	—	1.0	—	0	0	28	0	0	0	0	0	0
	1200		*		*	69.0	53.1	36.4	7.4		42		1.1		0	3	1	2	2	1	19	0	0
Kakul	0000	4214	872.3		902.8	44.9	37.1	22.5	4.4		42		0.8		12	6	2	1	0	2	0	5	0
	0300		873.0	—	903.4	47.4	37.9	20.5	4.0	—	35	—	3.0		12	9	2	1	0	0	0	4	0
	1200		871.6		901.4	59.2	44.2	20.1	3.9		22		3.8		0	2	0	1	9	10	2	4	0
Charat x	0300	4272	871.3	+0.4	871.3	48.9	39.8	25.5	4.7	−0.7	41	−15	3.4	−0.1	13	0	0	0	0	0	0	12	3
	1200		870.3		870.3	57.5	45.2	27.0	5.8		31		3.4		6	0	0	6	6	0	0	6	4

(R)—Data not received.
(x)— „ „ available.

(*)—Data rejected.

SUB-DIVISION AND STATION	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	Oktas										
Landikotal	0000	3503	894.4		901.8	40.6	35.3	25.2	4.9		57		1.6		0	0	0	0	0	0	0	1	27
	0300		895.2	—	902.6	40.8	35.6	26.0	5.0	—	57	—	2.5	—	0	0	0	0	0	0	0	1	27
	1200		893.3		900.3	61.1	46.9	27.5	5.3		28		3.0		6	1	0	2	1	9	2	3	4
N.W.F.P. (LOWER)																							
Kohat	0300	1667	957.7	—	899.6	53.7	47.7	41.0	8.9	—	63	—	3.1	...	0	1	1	3	0	0	0	19	4
	1200		955.6		899.6	71.3	58.6	47.9	11.7		45		3.1		1	6	2	7	0	2	2	1	7
Parachinar	0000	5675	827.2		798.9	37.0	32.4	24.7	4.6		63		2.6		17	0	0	0	0	0	1	1	9
	0300		828.3	+1.6	800.2	39.7	34.4	25.8	4.9	—0.1	58	—10	3.5	+0.1	6	0	0	0	0	3	1	1	17
	1200		826.6		799.5	54.9	43.4	30.0	5.0		38		4.3		0	0	2	14	2	2	0	2	6
Miranshah (R)	0000	3026																					
	0300																						
	1200																						
Bannu	0000	1263	969.1		1014.5	52.8	49.4	44.5	10.5		76		0.0		1	0	0	0	1	0	12	14	0
	0300		970.2	—	1015.5	54.5	50.5	46.3	10.7	+2.6	74	+8	0.6	—1.9	2	0	0	2	0	0	9	14	1
	1200		968.2		1011.9	70.9	*	*	*		*		1.1		0	1	6	13	4	2	0	2	0
Wana	0300	4503	862.3	—	902.7	35.2	33.6	30.8	5.9	+0.3	85	+9	0.0	—2.8	0	0	0	0	0	0	0	0	28
	1200		861.3		899.6	60.3	54.5	49.9	12.1		67		0.3		0	0	0	0	0	1	0	0	27
D. I. Khan	0000	570	993.1		1014.0	49.0	44.8	40.6	8.2		71		0.9		0	0	0	0	0	0	0	0	28
	0300		993.7	—2.4	1014.6	50.4	45.0	37.4	7.5	—1.2	61	—10	1.7	—0.9	0	3	0	0	0	0	0	2	23
	1200		991.3		1011.0	76.8	62.8	52.0	12.1		42		2.1		0	0	0	0	0	0	0	0	28
AFGHANISTAN																							
Jalalabad	0300	1950	944.7	—	897.6	53.5	44.4	31.2	6.3	—	45	—	2.5	—	0	1	0	0	0	4	2	1	20
	1200		941.8		896.5	69.5	54.6	38.2	8.5		34		3.1		0	0	4	1	0	1	1	0	21
Kabul	0300	5955	821.2	—	802.2	34.7	29.7	21.0	3.6	+0.3	53	—19	3.4	—0.9	0	1	0	1	8	9	5	4	0
	1200		819.6		801.3	51.4	39.1	19.9	3.7		29		4.5		7	5	2	4	4	2	0	2	2
Kandhar	0300	3462	894.2	—	900.4	38.2	34.9	29.5	5.6	—	69	—	1.2	—	1	2	4	1	0	0	1	0	19
	1200		891.3		897.1	64.4	49.6	31.4	6.2		28		1.9		2	0	1	1	2	10	1	5	6
BALUCHISTAN (NORTH)																							
Fort Sandeman	0300	4614	860.8	+0.7	904.3	42.8	35.9	23.0	4.4	—1.4	47	—27	2.5	—0.2	0	1	1	10	1	3	0	0	12
	1200		858.6		900.2	61.8	44.2	13.3	3.0		15		3.4		1	3	1	3	1	11	4	2	2
Hindubagh	0000	5909	819.7		799.6	35.9	32.0	26.8	4.7		66		1.6		1	0	1	0	0	8	13	5	0
	0300		820.8	—	800.6	35.8	32.0	26.4	4.6	—	67	—	2.0	—	1	0	0	1	0	3	13	10	0
	1200		818.7		799.3	57.1	46.5	35.4	7.3		44		2.7		0	2	8	0	0	8	7	3	0
Loralai	0000	4699	855.9		902.7	39.4	34.8	26.9	5.1		61		0.0		0	0	0	0	2	1	2	0	23
	0300		856.7	—	903.3	39.0	33.3	25.9	4.4	—	52	—	1.9	—	0	0	0	0	0	1	13	3	11
	1200		854.7		899.0	61.1	47.2	28.6	5.4		29		2.3		0	0	1	5	9	4	1	4	4
Sibi	0000	441	998.2		1014.3	53.1	45.4	34.7	6.9		50		0.1		0	0	0	0	0	0	1	1	26
	0300		999.7	+0.3	1015.7	53.1	46.2	37.1	7.7	+0.1	55	+4	1.3	—1.2	0	0	0	0	0	2	0	1	25
	1200		996.5		1011.8	79.0	60.5	42.3	9.7		28		1.1		0	1	0	4	0	5	0	0	18

(R) Register not received.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY 1955.

Division and Station	Hours of observation.	Mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 6pkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observation From :— N	NE	E	SE	S	SW	W	NW
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas									
BALUCHISTAN (NORTH)																						
Quetta (Sumangli)	0000	5253	840.3		799.4	35.1	31.3	25.1	4.7		68		0.7		0	1	4	2	0	0	1	2
	0300		841.2	—	800.3	34.7	31.5	25.9	4.9	—	71	—	1.2	—	0	0	0	13	0	1	0	1
	1200		838.9		800.1	58.3	43.5	23.4	4.5		27		1.9		1	0	0	3	2	2	9	11
Quetta	0300	5490	838.0	—0.6	800.0	39.9	36.2	33.3	5.8	+0.3	71	—4	1.1	—2.1	0	1	0	0	4	1	0	0
	1200		829.7		797.9	57.8	43.6	25.6	4.6		30		2.2		8	2	0	2	4	5	3	4
Chaman	0000	4311	869.7		903.2	45.7	37.3	22.9	4.2		40		1.1		0	0	17	9	1	0	1	0
	0300		870.1	0.0	904.2	45.6	37.1	22.4	4.1	—2.0	40	—21	1.4	—1.7	0	0	16	9	1	0	0	1
	1200		868.8		901.0	62.3	46.1	21.9	4.3		21		3.0		0	1	0	1	0	9	11	6
Kalat	0000	6616	798.6		799.9	35.7	30.7	27.1	4.1		58		0.1		0	0	0	0	11	3	0	3
	0300		799.4	+0.2	801.0	32.6	29.3	23.6	4.3	—0.5	74	+6	0.2	—2.6	0	0	0	2	21	1	1	0
	1200		797.8		799.5	54.1	40.3	19.6	3.5		25		0.5		3	0	0	1	7	6	2	8
Nushki	0000	3416	*		*	49.8	43.1	33.3	7.0		57		0.3		0	7	0	9	0	5	2	4
	0300		905.4	—	909.7	52.0	43.2	30.9	5.8	—	44	—	0.3	—	0	19	5	0	0	2	1	1
	1200		901.7		905.9	68.3	49.8	24.2	4.7		19		0.0		0	1	0	0	2	11	5	8
Dalbandin	0000	2785	918.1		901.3	44.2	36.9	24.0	4.6		47		0.7		0	23	0	1	0	2	0	1
	0300		918.9	—0.3	901.8	43.3	36.4	24.4	4.4	—2.9	47	—19	0.9	—1.7	1	12	1	0	0	2	0	0
	1200		916.2		900.1	70.7	50.4	22.7	4.7		17		1.2		1	5	4	3	2	6	1	0
Nokkundi	0000	2229	936.5		900.3	51.0	44.5	35.4	7.4		58		0.0		0	2	0	3	1	0	0	22
	0300		937.2	—	901.7	49.9	43.9	35.5	7.4	0.0	60	+11	0.0	—2.5	0	1	0	2	0	0	0	25
	1200		934.3		900.5	73.5	56.3	34.1	8.2		29		0.0		2	0	0	7	1	3	1	13
BALUCHISTAN (SOUTH)																						
Panjgur	0000	3177	905.0		901.4	45.4	39.8	32.1	5.8		59		0.3		7	4	0	0	7	0	0	1
	0300		906.3	+0.3	902.6	46.0	39.0	28.2	5.0	—2.8	50	—22	0.0	—2.1	5	13	0	0	0	0	0	0
	1200		903.7		900.2	69.2	51.7	30.0	2.1		24		0.3		4	0	0	0	2	10	1	9
Turbat	0000	510	995.8	—	1014.4	56.3	49.8	41.7	9.2	—	60	—	0.0	—	0	10	0	3	1	2	0	0
	0300		997.1		1015.6	58.5	50.7	41.8	9.2		55		0.0		0	6	0	5	0	3	1	0
	1200		994.6		1011.2	82.5	61.3	41.3	9.0		25		0.0		0	3	0	1	2	9	3	7
Pasni	0000	28	1011.7		1012.7	59.0	56.8	54.1	15.0		88		0.0		6	0	0	0	0	0	3	3
	0300		1012.8	-2.1	1013.8	59.3	55.5	52.3	13.0	—1.6	76	—5	0.1	—2.2	3	0	0	0	1	0	5	12
	1200		1010.3		1011.2	77.1	67.6	61.2	18.7		59		0.1		2	0	0	5	7	13	1	0
Ormara	0000	15	1011.7		1012.2	61.4	60.3	59.3	17.2		94		1.0		0	0	1	0	0	3	4	0
	0300		1012.9	—	1013.4	62.3	61.2	60.3	17.9	+1.7	94	+12	1.0	—1.8	0	0	0	0	1	0	1	0
	1200		1010.2		1010.7	76.6	71.7	68.9	24.5		77		0.3		1	0	2	2	2	11	9	0
Lasbela	0000	292	1004.5		1015.1	53.6	48.2	42.2	8.9		64		0.6		2	2	0	0	0	0	1	3
	0300		1005.5	+1.0	1016.1	58.2	51.7	44.6	10.2	—2.7	61	—11	0.8	—1.3	9	7	2	1	0	2	2	5
	1200		1000.9		1016.8	85.5	69.6	58.8	17.4		41		1.3		2	0	2	6	11	5	1	1
SIND (LOWER)																						
Karachi (Manora)	0000		1011.7		1012.2	62.9	57.8	53.1	14.2		72		0.9		0	6	0	0	0	1	3	0
	0300	13	1013.0	—2.2	1013.5	64.4	59.0	54.4	14.3	—0.2	70	0	0.9	—1.2	0	7	0	0	1	0	3	1
	1200		1010.4		1010.9	79.3	73.6	70.2	25.7		76		1.2		0	0	0	0	0	8	18	1

(*) Data rejected.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY, 1955.

DIVISION AND STATION	Hours of observation	Height of barcistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm level.	Mean temperature of the air and humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total cloud amount: Mean amount.	Departure from normal.	Wind direction number of observations from:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb	%	%	oktas										
Karachi (Airport)	0000	73	1009.3	—	1012.1	58.2	52.7	45.7	11.0	—	67	—	0.6	—	7	2	0	0	0	0	3	1	15
	0300		1011.2		1013.9	57.6	51.4	43.3	9.9		63		1.1		9	2	1	0	0	0	1	1	14
	1200		1008.2		1010.7	80.4	63.1	45.8	11.7		34		1.0		1	2	1	1	2	16	4	1	0
Badin	0000	31	1010.7		1011.6	55.1	49.8	43.6	9.6		66		0.1		1	0	0	0	0	0	0	1	26
	0300		1012.4	—1.2	1013.5	56.1	50.1	42.9	9.6	—2.8	63	—5	0.6	—1.3	1	0	0	0	0	2	0	1	24
	1200		1009.3		1010.3	86.8	62.9	40.2	8.9		20		1.1		4	1	0	0	0	0	4	2	17
Umarkot	0000	55	1009.4		1011.3	58.1	50.0	39.6	8.7		53		0.3		3	4	3	0	3	0	0	0	15
	0300		1010.9	—	1012.9	58.0	50.5	40.1	9.2	—	56	—	0.8	—	4	2	4	0	2	0	0	0	16
	1200		1007.4		1009.3	85.4	63.8	45.0	10.3		25		0.5		5	6	1	0	0	2	6	1	7
Chhor	0000	19	1010.6		1014.3	52.5	46.5	38.5	8.3		60		0.8		0	4	0	0	0	2	0	0	22
	0300		1012.5	—	1013.3	56.1	48.5	38.1	8.3	—	54	—	0.8	—	1	4	0	1	1	1	1	0	19
	1200		1009.0		1009.4	85.0	62.0	38.1	8.6		21		1.0		3	6	3	0	1	4	3	2	6
Hyderabad	0000	96	1008.4		1011.8	57.8	49.9	40.1	8.7		53		0.3		0	10	4	3	1	0	0	0	10
	0300		1009.6	—2.6	1013.2	57.5	49.9	40.1	8.7	—1.4	55	—4	0.8	—0.9	3	6	4	2	1	0	0	0	12
	1200		1006.8		1010.2	84.6	61.2	37.5	8.1		20		0.6		1	5	7	6	3	1	0	0	5
SIND (UPPER)																							
Padidan	0000	153	1006.7		1012.3	50.5	46.2	40.5	8.8		70		0.5		5	1	1	1	0	0	1	5	14
	0300		1008.5	—	1014.1	50.9	46.0	39.0	8.3	—	65		0.8	—	6	3	4	3	0	1	1	5	5
	1200		1005.6		1010.9	79.8	58.9	36.1	7.7		22		1.0		8	2	0	0	3	2	3	9	1
Nawab Shah	0000	124	1013.0		1013.0	49.8	46.3	41.8	9.2		75		0.4		1	0	1	0	0	0	0	1	25
	0300		1010.4	—	1015.1	51.1	47.2	42.8	9.2	—	72	—	0.9	—	5	0	0	0	0	0	1	2	20
	1200		1007.4		1012.0	82.5	62.2	45.5	10.1		26		1.2		7	0	0	0	2	0	0	4	15
Sukkur	0300	221	1005.9	—1.1	1014.0	54.7	49.4	43.3	9.6	—0.1	65	+7	1.5	—0.1	2	6	8	8	0	0	0	0	4
	1200		1003.1		1010.8	79.4	59.9	40.4	8.6		25		2.1		2	14	0	0	2	3	0	0	7
Jacobabad	0000	183	1006.1		1012.9	55.7	50.4	44.6	10.1		67		0.8		3	1	2	5	2	0	1	3	11
	0300		1007.6	—1.6	1014.4	55.3	50.1	44.3	10.1	+1.0	67	+8	1.4	—0.6	3	1	4	0	1	1	4	5	9
	1200		1004.8		1011.3	79.7	67.2	57.9	17.3		49		1.4		2	0	3	4	4	3	3	3	6
Veraval	0000	26	—		1010.0	63.3	54.8	46.1	10.7		55		0.2		13	5	3	0	0	0	1	2	1
	0300		—	—	1011.8	55.0	53.0	41.4	8.9	—	42	—	1.0	—	10	9	2	0	0	0	0	2	2
	1200		—		1009.2	79.0	67.5	59.7	17.8		52		0.5		3	0	1	0	1	1	12	2	0
Keti (x)																							
IRAN																							
Jask	0300	13	1015.6	—	1015.9	64.7	61.5	59.5	17.6	—	84	—	0.2	+2.2	1	4	13	3	3	1	0	3	0
	1200		1014.0		1014.4	76.0	73.7	72.6	27.1		88		0.4		0	0	0	0	0	5	18	5	0
ARABIA																							
Muscat	0300	20	1014.1	—	1014.6	68.2	61.8	56.9	15.7	—	67	—	1.6	+0.5	0	1	0	0	0	4	12	2	9
	1200		1012.4		1012.8	73.8	65.0	59.1	17.0		59		1.3		1	7	5	0	0	0	0	12	3
Kuwait (xx)	0300	16																					
	1200																						

(x) Data not available.

(xx)—Observatory remained closed.

(f) Mean for 21 days.

(e) Mean for 29 days.

(k) Mean for 20 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF FEBRUARY, 1955.

DIVISION AND STATION	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (East)																					
Cox's Bazar	83.4	+1.3	90	23	58.0	—1.5	53	9,10,17	0.00	—0.47	0.00	0	0	—0.9	3.1	+1.1	0	0	0	0	0
Chittagong	86.1	+3.8	91	4 days	57.2	—1.5	51	8	0.00	—1.10	0.00	0	0	—1.3	4.3	—0.1	0	0	0	0	0
Noakhali (Majdee)	80.4	—0.7	89	4 days	60.0	—1.9	49	9,15	0.00	—0.97	0.00	0	0	—1.7	x		0	0	8	0	0
Comilla	84.6	+2.4	92	28	58.2	+0.7	49	7	0.00	—1.22	0.00	0	0	—1.9	2.0	+0.5	0	0	6	0	0
Brahmanbaria	83.3	+0.6	90	28	56.1	+0.6	51	8,9,16	0.03	—1.00	0.03	6	0	—1.9	2.0		0	0	2	0	0
Srimangal	83.0	+0.3	90	23	46.7	—5.2	40	10	0.10	—1.40	0.10	2	1	—1.7	0.1	—1.9	0	0	0	0	0
Mymensingh	82.9	+3.3	90	28	55.9	—0.8	52	9,10	0.15	—0.71	0.10	5	1	—0.7	1.6	+0.6	0	0	0	0	0
Narayanganj	84.3	+2.6	91	21,23,27	58.2	—0.8	52	7	0.00	—1.24	0.00	0	0	—1.9	1.0	—0.6	0	0	1	0	0
Dacca (Tejgaon)	83.0	—	91	28	53.8	—	47	7,9	0.00	—	0.00	—	0	-	3.0	—	0	0	1	0	0
EAST PAKISTAN (Deltaic)																					
Faridpur	80.2	+0.1	87	21,27	53.8	—2.4	46	8	0.00	—1.19	0.00	0	0	—2.1	1.9	0.0	0	0	0	0	0
Barisal	84.7	+2.8	91	21,27,28	58.5	—1.6	52	5,8	0.00	—0.94	0.00	0	0	—1.8	x		0	0	3	0	0
Khulna	85.9	+2.9	94	27	*	*	*	*	0.00	—0.93	0.00	0	0	—2.2	1.6	—0.5	0	0	2	0	0
Satkhira	85.7	+1.2	92	27,28	55.3	—3.0	42	3	0.00	—1.03	0.00	0	0	—1.8	1.0	—0.3	0	0	0	0	0
Jessore	84.8	+3.0	92	20,26,27	52.1	—3.4	45	8	0.24	—1.06	0.24	1	1	—1.0	1.9	+0.6	0	0	2	0	0
EAST PAKISTAN (North)																					
Pabna	84.1	+1.1	91	28	52.5	—3.3	49	5 days	0.00	—0.96	0.00	0	0	—1.9	x		0	0	0	0	0
Sirajganj	83.0	—	90	26,27,28	54.8		49	14,16	0.05	—0.69	0.05	5	0	—1.7	x		0	0	0	0	0
Rajshahi									(d) 0.00		0.00	0	0	—1.7			0	0	0	0	0
Bogra	82.4	+2.1	91	28	53.8	—1.1	47	14	0.23	—0.56	0.22	6	1	—1.6	2.3	+1.2	0	0	0	0	0
Dinajpur	82.8	+3.5	91	28	52.4	—0.9	46	9	0.00	—0.61	0.00	0	0	—1.3	1.7	0.0	0	0	0	0	0
Rangpur									0.28	—0.42	0.20	11	1	—0.3			0	0	0	0	0
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Misgar	36.0	—	49	28	*	—	—	—	0.16	—	0.11	4	1	—	2.1	—	0	0	0	0	0
Gilgit (x)																					
Jammu (x)																					
PUNJAB (North)																					
Lahore (Jail Rd.)	77.3	+5.2	87	22	46.6	+2.1	38	12	0.07	—0.90	0.07	28	0	—2.1	(a) 1.8	+0.3	1	0	0	0	0
Lahore Cantt.	76.3	—	86	28	47.2	—	37	12	0.05	—	0.05	28	0	—	2.9	—	1	0	0	0	0
Lahore (Walton)	76.5	—	86	26,28	45.1	—	37	12	0.05	—	0.05	28	0	—	3.9	—	0	0	0	0	0
Sialkot	76.2	+6.8	85	26,27	48.5	+3.0	42	12	0.00	—1.67	0.00	—	0	—3.0	1.2	0.0	0	0	0	0	0
Jhelum	77.6	—	89	27	43.0	—	35	12,13	0.05	—	0.05	23	0	—	1.9	—	0	0	0	0	0
Chaklala	72.6	—	83	27	39.3	—	31	13	0.05	—	0.05	25	0	—	4.8	—	1	0	0	0	0
Rawalpindi	73.3	+8.1	84	27	39.3	—2.4	30	18	0.00	—2.48	0.00	—	0	—4.4	1.2	—0.6	0	0	0	0	0

(x)—Data not available.

(*)—Data rejected.

(a)—Mean for 26 days.

(d)—Data for 27 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF FEBRUARY, 1955.

DIVISION AND STATION	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PUNJAB (North)																					
Murree	50.6	+3.9	61	27	36.0	+4.9	28	1	0.27	—4.04	0.21	1	1	—5.4	4.7	—0.6	2	0	0	0	0
Campbellpur (R)																					
Khushab	78.4	+7.1	87	17,22,27	44.6	—1.4	36	10	0.00	—0.92	0.00	—	0	—2.1	2.3	—0.4	0	0	0	0	0
Sargodha x																					
Lyallpur	77.4	+6.1	86	22,28	44.7	—0.4	36	11,12	0.00	—0.57	0.00	—	0	—1.6	1.7	0.0	0	0	3	0	1
PUNJAB (South)																					
Lyiah (x)																					
Montgomery	78.1	+5.6	87	22	44.7	+1.3	39	11,12	0.33	—0.17	0.18	23	2	+0.5	1.0	—1.4	3	0	0	0	0
Multan	79.3	+6.5	88	27	50.1	+3.3	42	6,13	0.75	+0.37	0.60	27	2	+0.7	1.8	+0.5	0	0	0	0	0
Khanpur (P.B.O.) (R)																					
Khanpur	82.9	+5.4	93	22	48.7	+2.0	38	11	0.34	+0.05	0.23	28	1	+0.1	3.1	—0.6	3	1	0	0	0
Bahawalpur	80.9	+5.3	88	21	49.0	+2.1	39	11	0.29	+0.03	0.29	28	1	+0.2	0.1	—2.1	2	0	0	0	2
Fort Abbas	80.7	—	90	26	46.9	—	38	11,12	0.09	—	0.09	23	0	—	3.4	—	0	0	0	0	0
N.W.F.P. (Upper)																					
Drosh	61.1	+12.1	74	19	38.4	+4.8	32	1	0.53	—1.02	0.15	1,28	4	+0.3	3.4	+0.9	0	0	0	0	0
Chakdara	70.6	—	80	27	*	—	*	—	0.30	—	0.30	1	1	—	3.4	—	0	0	0	0	0
Peshawar	73.4	+7.2	82	28	44.8	+0.8	34	11	0.08	—1.45	0.08	25	0	—3.3	2.9	+1.3	1	0	0	0	1
Risalpur	74.9	—	84	27	39.1	—	28	11	0.00	—	0.00	—	0	—	2.3	—	0	0	0	0	0
Haripur (Hazara)	*	—	*	—	*	—	*	—	0.00	—	0.00	—	0	—	4.3	—	0	0	0	0	0
Kakul	63.7	—	73	4 days	43.1	—	35	1	0.05	—	0.05	1	0	—	x	—	0	0	0	0	0
Cherat	61.1	+9.2	71	23	43.3	+2.6	35	5,11	0.15	—3.06	0.15	24	1	—3.7	x	—	1	1	0	0	0
Landikotal	63.1	—	72	28	36.1	—	25	11	0.15	—	0.11	25	1	—	1.8	—	0	0	0	0	0
N.W.F.P. (Lower)																					
Kohat	74.5	—	82	21,22,27	50.2	—	41	11	0.00	—	0.12	25	1	—	5.2	—	1	1	0	0	0
Parachinar	59.3	+7.5	69	16	34.9	+3.6	27	5,10,12	0.55	—2.08	0.46	25	1	—4.4	3.6	+1.6	0	0	0	0	0
Miranshah (R)																					
Bannu	74.6	+6.0	84	27	49.1	+3.9	39	11	0.00	—1.18	0.00	—	0	—3.1	2.8	—	0	0	0	0	0
Wana	64.4	+6.3	71	27,28	30.2	—2.3	23	22	0.00	—1.48	0.00	—	0	—3.6	0.5	—	0	0	0	0	0
D. I. Khan	71.8	+0.2	87	17	40.6	—4.3	34	11	0.00	—0.67	0.00	—	0	—1.7	0.9	—0.3	1	0	0	0	0
AFGHANISTAN																					
Jalalabad	72.1	—	81	22,27,28	39.4	—	28	12	0.00	—	0.00	—	0	—	1.7	—	0	0	0	0	0
Kabul	54.7	+12.5	64	16	30.0	+6.0	19	12	0.41	—1.08	0.20	23	2	—1.4	3.8	+0.7	1	0	0	0	0
Kandhar	67.5	—	77	22,25	35.5	—	28	11	0.00	—	0.00	—	0	—	1.4	—	0	0	0	0	0
BALUCHISTAN (North)																					
Fort Sandaman	64.1	+4.8	73	27	37.3	+1.9	28	11	0.16	—0.92	0.16	—	1	—2.3	3.3	+1.1					
Hindubagh	60.1	—	70	16	30.9	—	22	12	0.00	—	0.00	—	0	—	4.8	—					
Loralai	61.6	—	70	27	34.3	—	27	11,12	0.13	—0.94	0.11	3	1	—1.6	3.4	—					
Sibi	81.6	+5.9	90	27	49.7	0.0	42	6	0.00	—0.87	0.00	—	0	—1.7	x	—					
Harnai									0.30	—1.03	0.30	28	1	—1.4							

(*) — Data rejected.
(R) — Register not received.

(x) — Data not available.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF FEBRUARY, 1955.

Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard	Hail.	Fog.	Haze (dust).	[illegible]
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN (North)																					
Quetta (Samungli)	60.4	—	70	16	29.3	—	19	11	0.00	—	0.00	—	0	—	5.5	—	0	0	0	0	0
Quetta ... — ...	59.5	—	68	5 days	31.6	—	21	11	0.08	—	0.08	4	0	—	5.5	+2.9	0	0	0	0	0
Chaman	63.8	+6.5	74	24,25	41.4	+3.3	32	5,10,11	0.38	—1.34	0.18	4	2	—2.4	5.5	+1.1	0	0	0	0	0
Kalat	57.6	+4.8	67	16	27.5	—3.7	18	10	0.06	—1.33	0.06	3	0	—3.4	4.9	+0.5	0	0	0	0	0
Nushki	69.2	—	82	24	*	—	—	—	0.00	—	0.00	—	0	—	6.9	—	0	0	0	0	0
Dalbandin	71.5	+4.0	82	24	39.1	—0.5	30	10,11	0.05	—0.91	0.05	2	0	—2.2	(x)	—	0	0	0	4	1
Nokkundi	75.5	+2.8	86	24,25	45.7	—1.3	34	10	0.00	—0.40	0.00	—	0	—1.1	5.3	—0.4	0	0	0	0	0
BALUCHISTAN (South)																					
Panjgur	69.9	+1.9	79	24	39.9	—2.6	33	5,12	0.00	—0.96	0.00	—	0	—1.9	2.3	—2.4	0	0	0	0	0
Turbat	84.1	—	91	26,27	54.3	—	46	1,11	0.00	—	0.00	—	0	—	x	—	0	0	0	0	0
Pasni	79.8	+2.9	85	27	55.9	—0.7	44	1	0.00	—1.41	0.00	—	0	—2.0	6.8	+1.7	0	0	0	0	0
Ormara	78.0	+2.2	84	21,22	58.3	—1.9	53	1,15	0.06	—2.13	0.06	27	0	—3.3	5.1	—0.4	0	0	2	0	0
Lasbela	88.0	+5.6	96	21	x	—	—	—	0.00	—0.88	0.00	1	0	—2.0	1.6	—0.2	1	0	0	0	0
SIND (Lower)																					
Karachi (Manora)	83.2	+6.3	90	27	61.6	+0.6	56	11,12	0.00	—0.44	0.00	—	0	—1.0	x	—	0	0	0	0	0
Karachi (Airport)	84.1	—	94	22	53.7	—	47	1,11	0.50	—	0.50	28	1	—	3.6	—	2	0	0	0	0
Badin	89.7	+7.3	100	27	52.0	—2.5	43	12	0.00	—0.38	0.00	—	0	—0.9	1.9	—	0	0	0	0	0
Umerkot	88.1	—	99	27,28	54.9	—	43	2	0.00	—	0.00	—	0	—	3.3	—	0	0	2	0	0
Chhor	87.1	—	97	26,27,28	47.9	—	40	6,7,11	0.00	—	0.00	—	0	—	2.5	—	3	1	1	0	0
Hyderabad	86.9	+5.7	96	22,26	54.7	+0.2	47	6,12,13	0.43	+0.19	0.43	28	1	+0.4	1.8	—1.7	2	0	0	0	0
SIND (Upper)																					
Padidan	82.4	—	90	26	45.8	—	36	11	0.70	—	0.70	28	1	—	3.5	—	2	0	0	0	0
Nawabshah	84.2	—	92	26	44.6	—	35	11,12	0.25	—	0.25	28	1	—	2.5	—	4	0	0	0	0
Sukkur	83.5	+4.8	93	26	51.0	—1.0	41	11 12	0.57	+0.29	0.55	28	1	+0.2	2.5	—0.1	3	0	0	0	0
Jacobabad	82.2	+5.1	91	26	51.8	+1.3	45	11	0.72	+0.39	0.45	28	2	+1.1	3.6	+0.4	3	0	0	0	0
Reti x																					
Veraval	*	—			(j) 60.7	—	45	17	0.00	—	0.00	—	0	—	—	—	0	0	0	0	0
IRAN																					
Jask	79.[illegible]	+3.7	83	21,22	61.8	0.0	57	4	0.00	—0.96	0.00	—	0	—1.8	8.1	+0.3	0	0	0	5	0
ARABIA																					
Muscat	75.5	—0.3	80	8	*	—	—	—	0.29	—0.42	0.27	3	1	—0.4	3.3	—0.4	0	0	0	0	0
Kuwait xx																					

(*) — Data rejected.
(x) — Data not available.
(xx) — Observations suspended.
(j) — Mean for 21 days.

Pk/BAH

REGD. No. S-1452

PAKISTAN WEATHER REVIEW, 1955

MONTHLY WEATHER REPORT

MARCH

Chief Features:

(1) Spells of wet weather over West Pakistan in the beginning and during the middle of the month.

(2) Occurrence of violent thundersqualls over Dacca on the 17th and the 25th.

(3) Heavy falls of rain in the Eastern sub-division of East Pakistan during the last week.

West Pakistan:

Associated with the passage of a western disturbance there was a spell of wet weather over West Pakistan during the first two days of the month with a few thundershowers and duststorms in the South Punjab and a few snowfalls over Murree hills on the 2nd. Press hailed the rainfall in the Punjab which, following an unduly long drought, was considered beneficial to the standing Rabi crop, especially in the north where irrigation facilities are scanty.

There was another spell of wet weather with extensive thunderstorms activity over West Pakistan between the 10th and the 16th, consequent upon the passage of two western disturbances across the region in close succession.

During the rest of the month six western disturbances moved across the northern parts of West Pakistan and caused some thunderstorms and light rain there. In the wake of the last western disturbance pressure gradient became steep over lower Sind and adjoining Baluchistan from where dust-raising winds and scattered duststorms were reported. Surface wind of maximum gust of 45 m.p.h. swept over the Federal area on the 29th.

Some of the noteworthy rainfall amounts recorded during the month were:— Jhelum 1½" and Lahore, Montgomery, Fort Sandeman and Loralai 1" each on the 1st; Jhelum and Muree 1" each on the 2nd; Jiwani 1½" and Turbat and Kakul 1" each on the 10th; Jiwani 1½" on the 11th; Loralai 1" on the 12th and 13th; Parachinar 1" on the 15th; Kakul 1½" and Cherat, Miranshah and Chaman 1" each on the 16th; and Parachinar 1½" on the 29th.

The mean rainfall during the month was in large excess in Sind, in moderate excess in the South Punjab and North Baluchistan, in slight defect in the North Punjab and the Lower North-West Frontier Province and in large defect elsewhere. Averaged over the Plains of West Pakistan it was normal.

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The mean maximum temperature was above normal over the region except the South Punjab and Upper Sind where it was normal. The mean minimum temperature was above normal over the region. The mean relative humidity was in excessive in the North Punjab and Lower Sind, in defect in South Baluchistan and normal elsewhere. Skies were more clouded than usual over the North Punjab and Upper Sind, less clouded than usual over South Baluchistan and Lower Sind and were normally clouded elsewhere.

East Pakistan:

Weather over East Pakistan was dry during the first half of the month except for a few thunderstorms on the 3rd.

During the rest of the month, frequent thunderstorm activity with showers and a few violent squalls and heavy falls were reported due to the passage of six westerly low pressure waves.

According to press reports two norwesters (thundersqualls) affecting Dacca on the evening of the 17th and the night of the 25th, respectively, caused considerable damage to life and property. The latter was responsible for the collapse of a hangar at Tejgaon damaging many aircrafts and blowing off the roof of the building in which Meteorological Office and other Government offices were located causing damage to valuable documents and charts.

Chief amounts of rainfall recorded during the month were:— Chittagong 5" on the 29th; 3" on the 28th and 2" on the 27th; Noakhali 2" on the 29th; and Cox's Bazar 2" on the 30th.

The mean rainfall during the month was in large excess in Eastern Sub-division, in moderate defect in Northern sub-division and in large defect in Deltaic sub-division. Averaged over the region it was normal. The mean maximum teperature was above normal in Northern and Deltaic sub-divisions and normal elsewhere. The mean minimum temperatures was normal in the region except Deltaic Sub-division where it was above normal. The mean relative humidity was normal in the region. Skies were more clouded than usual over the region.

Table I contains the divisional and sub-divisional means of rainfall, temperature humidity and cloud for the five chief divisions and 12 sub-divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent table.

TABLE I.—DIVISIONAL MEANS FOR MARCH, 1955

Division	PRECIPITATION				DEPARTURE FROM NORMAL OF				
							03 hrs. G. 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
	"	"	"		°	°	mb	%	
East Pakistan	2.03	1.90	—0.13	+7	+2.0	+1.4	+1.3	+2	+1.1
Mean of East Pakistan	2.03	1.90	+0.13	+7	—2.0	+1.4	+1.3	+2	+1.1
(1) Punjab	0.89	0.91	—0.02	—2	+2.6	+5.0	+2.3	+6	+0.6
(2) N.-W.F.P.	1.00	1.66	—0.66	—40	+2.3	+6.0	+2.7	+4	+0.2
(3) Baluchistan	0.96	0.85	+0.11	+13	+4.8	+4.2	+1.2	+4	—0.2
(4) Sind	0.42	0.20	+0.22	+110	+3.9	+4.2	+1.7	+5	+0.3
Mean of West Pakistan excluding Baluchistan	0.74	0.79	—0.05	—6	+3.0	+4.9	+2.2	+5	+0.4
East Pakistan (East)	4.06	2.50	+1.56	+62	+1.3	+0.9	+2.3	0	+0.8
East Pakistan (Deltaic)	0.49	1.91	—1.42	—74	+2.0	+2.7	+2.4	+6	+1.4
East Pakistan (North)	0.61	1.08	—0.47	—43	+3.8	+0.9	+2.6	+2	+1.1
Kashmir (x)									
North Punjab	1.13	1.31	—0.81	—14	+3.2	+4.7	+2.7	+8	+0.8
South Punjab	0.58	0.40	+0.18	+45	+1.9	+5.3	+2.4	+4	+0.4
N.-W.F.P. (Upper)	1.02	2.44	—1.42	—58	+2.3	+4.0	+2.6	+4	+0.4
N.-W.F.P. (Lower)	0.99	1.27	—0.28	—22	+2.3	+7.1	+2.7	+5	+0.1
Baluchistan (North)	1.32	0.93	+0.39	+42	+4.3	+4.6	+1.3	—2	—0.1
Baluchistan (South)	0.00	0.62	—0.62	—100	+5.8	+3.6	+0.9	—8	—0.5
Sind (Lower)	0.27	0.17	+0.10	+59	+5.9	+2.7	+1.9	+7	—0.5
Sind (Upper)	0.57	0.23	+0.34	+148	+1.9	+4.8	+1.5	+3	+8.0
Junagadh (x) — —									

(x) Data incomplete.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1955

Division and Station	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or geopotential of 850/700 mbs. pressure level in Gpm.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations from:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
EAST PAKISTAN (EAST)																							
Cax's Bazar	0000																						
	0300	38	1010.9	—0.5	1012.3	78.5	72.0	68.5	24.3	—0.4	72	—2	2.8	+0.6	2	2	3	9	5	0	2	2	6
	1200		1007.4		1008.7	80.8	73.9	70.6	25.2		72		3.3		0	0	0	2	13	4	7	5	0
Chittagong	0000																						
	0300	87	1008.7	—1.3	1011.7	77.6	70.5	66.3	22.7	—0.8	69	—4	4.1	+1.6	1	11	4	7	5	1	0	0	2
	1200		1004.8		1007.8	80.6	72.5	67.9	24.1		67		3.2		2	0	0	2	9	11	6	1	0
Noakhali (Maijdee)	0000	25	1008.5		1009.5	70.2	68.5	67.5	23.1		92		1.7		0	0	0	9	0	0	0	1	21
	0300		1010.4	—1.4	1011.3	77.7	72.5	69.2	25.5	—0.3	78	+2	3.2	+0.6	0	0	0	12	0	0	0	0	19
	1200		1006.7		1007.6	81.5	72.3	65.3	23.0		61		2.4		0	0	0	11	0	0	0	0	20
Comilla	0000	29	1008.3		1009.3	69.4	67.9	66.8	22.3		92		3.3		2	0	0	10	8	1	0	2	8
	0300		1010.2	—1.2	1011.2	77.5	71.5	68.0	23.2	—1.5	73	+1	3.6	+0.7	4	0	0	4	14	4	0	3	2
	1200		1006.3		1007.3	84.4	72.9	66.0	22.1		55		2.6		1	0	1	8	8	3	1	4	5
Brahmanbaria	0000	32	1007.9		1009.0	68.8	66.7	65.3	21.7		90		3.3		4	0	2	5	12	0	0	0	8
	0300		1010.1		1011.2	78.1	71.5	67.4	23.1	+2.0	71	+4	3.4		4	2	0	0	13	7	1	1	3
	1200		1005.7		1006.8	83.6	72.4	65.7	22.7		57		2.6		0	1	0	2	11	3	0	0	14
Srimangal	0000	69	1007.3		1009.8	62.9	61.4	60.3	18.0		91		3.1		1	0	2	2	2	0	0	0	24
	0300		1008.8	—1.5	1011.3	74.9	68.4	64.4	20.9	+0.1	70	—4	3.1	+0.9	0	1	0	8	7	3	0	0	12
	1200		1004.6		1007.0	83.8	72.0	65.5	21.4		53		3.4		0	1	1	4	8	2	0	1	14
Mymensingh	0000	62	1007.0		1009.3	67.3	65.1	63.5	20.2		89		3.4		0	0	11	2	0	0	0	0	18
	0300		1009.1	—1.3	1011.3	74.4	68.9	65.9	21.3	+1.8	74	+3	4.3	+0.9	2	0	15	5	3	0	0	0	6
	1200		1004.2		1006.4	85.2	73.2	66.1	22.3		54		2.5		0	0	8	3	1	0	0	0	19
Narayanganj	0000	26	1008.8		1009.7	71.8	69.2	67.6	23.5		88		4.3		1	0	2	4	8	2	1	1	12
	0300		1009.9	—1.6	1010.9	78.7	71.9	67.6	23.6	+1.2	70	—1	4.5	+1.2	1	1	3	5	9	3	3	2	4
	1200		1005.8		1007.0	82.9	72.5	66.5	22.5		58		3.5		0	0	4	4	11	3	0	0	9
Dacca (Tejgaonj)	0000	27	1007.3		1008.3	69.2	66.9	65.2	21.1		87		4.2		2	1	2	9	6	5	0	1	6
	0300		1009.3		1010.3	78.4	71.5	66.5	22.7		69		4.4		1	2	3	4	10	4	1	2	4
	1200		1004.8		1005.8	84.3	71.7	62.7	20.7		52		3.5		2	0	3	3	13	6	2	2	0
EAST PAKISTAN (DELTAIC)																							
Faridpur	0000	46	1007.6		1009.2	69.9	67.7	65.7	22.5		90		3.8		4	0	0	9	8	0	1	2	7
	0300		1009.0	—1.3	1010.6	78.1	71.8	68.1	23.1	+1.1	71	+5	4.7	+2.5	2	0	0	8	12	1	1	4	3
	1200		1004.3		1005.9	73.0	73.0	63.7	20.9		46		3.4		2	1	0	4	11	4	0	2	7
Barisal	0000	11	1008.6		1009.0	71.9	70.1	69.5	24.1		90		2.6		0	0	0	3	10	1	0	4	13
	0300		1010.5	—1.4	1010.9	79.2	73.8	71.1	25.7	+0.6	76	0	3.3	+0.5	0	0	0	5	10	1	1	0	14
	1200		1006.4		1006.8	86.2	74.6	69.4	23.9		56		3.4		0	0	0	7	9	0	0	0	15
Khulna	0000	16	1008.2		1008.7	72.2	70.5	69.6	24.8		93		3.7		0	0	0	4	4	4	0	0	19
	0300		1010.1	—1.7	1010.6	78.0	73.5	71.0	26.2	+3.5	80	+14	4.3	+1.4	0	1	0	1	11	5	3	0	10
	1200		1005.9		1006.4	86.3	73.4	65.9	21.8		51		1.7		0	0	0	7	9	2	0	0	13
Satkhira	0000	16	1008.0		1008.6	71.9	70.3	68.8	24.8		93		3.3		0	0	0	6	1	2	0	0	22
	0300		1009.9	—1.5	1010.4	81.1	74.1	70.7	25.5	+2.6	70	—2	4.1	+2.2	3	0	0	6	1	17	1	2	1
	1200		1005.8		1006.5	88.3	73.6	66.3	21.6		47		2.0		0	0	0	4	0	7	0	1	15
Jessore	0000	26	100.67		1007.6	70.4	69.0	68.2	23.1		92		3.9		0	1	0	1	13	4	1	0	11
	0300		1009.0	—2.3	1009.9	78.4	73.7	71.3	26.2	+4.0	80	+11	2.8	+0.3	2	1	2	1	12	12	1	0	0
	1200		1004.5		1005.4	90.0	74.6	65.5	22.1		46		2.3		1	2	1	0	20	1	3	2	1

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURNG THE MONTH OF MARCH 1955.

DIVISION AND STATION	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or geopotential of 850/700 mbs. pressure level in Gpm	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	ok tas										
EAST PAKISTAN (NORTH)																							
Pabna	0000																						
	0300					79.3	72.6	69.0	24.3	+3.5	72	+6											
	1200																						
Sirajganj	0000	49	1006.3		1008.0	67.6	65.5	64.4	20.9		89		3.4		1	1	4	5	4	0	0	0	16
	0300		1008.2		1010.0	77.0	70.4	67 6	22.5		71		4.0		1	0	4	11	4	3	0	2	6
	1200		1003.3		1005.0	84.4	70.1	62.1	18.1		45		1.9		0	1	3	5	1	0	0	0	21
Bogra	0000																						
	0300	63	1008.1	—1.5	1010.3	75.6	68.7	61.2	21.1	+3.0	69	+6	4.0	+2.0	0	2	6	8	2	3	3	0	7
	1200		1003.6		1005.8	87.8	69.4	57.2	16.3		36		1.9		4	0	2	2	1	11	2	1	8
Dinajpur	0000	123	1004.1		1008.5	65.0	61.0	57.8	16.5		78		1.7		0	9	0	0	0	1	0	0	21
	0300		1006.0	—1.3	1010.2	76.1	65.3	57.1	16.1	+0.2	53	—6	1.9	+0.2	0	4	2	1	0	0	0	0	24
	1200		1001.5		1005.6	88.2	69.1	55.4	15.6		34		0.8		0	0	2	0	0	1	1	0	27
Rangpur	0000																						
	0300												2.6		0	9	11	2	3	0	1	0	5
	1200												1.0		0	2	4	0	0	0	3	0	21
KASHMIR																							
Srinagar (x)	0300	5205																					
	1200																						
Gulmarg (x)	0300	1708																					
	1200																						
Gurez (x)	0300	—																					
	1200																						
Sonamarg (x) ...	0300	—																					
	1200																						
Dras (x)	0300	10059																					
	1200																						
Kargil (x)	0300	—																					
	1200																						
Leh (x)	0300	11529																					
	1200																						
Skardu (x)	0300	—																					
	1200																						

(x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1955.

Division and Station	Hours of observation.	Height of barometer cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or geopotential of 850/700 mbs. pressure level in Gpm.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
KASHMIR																							
Misgar	0000	10190				27.3	25.2	22.4	3.9		80		5.3		0	0	1	0	0	0	0	0	30
	0300			—		26.6	25.4	24.1	3.5	—	75	—	5.7	—	0	0	3	0	0	0	2	0	26
	1200					38.2	34.0	28.1	5.3		69		6.3		0	0	15	0	0	0	3	0	13
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
Jammu (x)	0300	1200																					
	1200																						
NORTH PUNJAB																							
Lahore (Jail Rd)	0000	702	984.4		1009.2	62.4	57.7	53.5	14.1		74		2.9		4	0	1	2	1	1	0	4	18
	0300		985.8	—1.7	1010.5	66.3	59.3	53.5	13.1	+1.6	64	+5	3.8	+1.1	5	2	1	3	0	0	1	6	13
	1200		983.6		1007.5	82.3	64.9	52.0	13.2		35		4.4		3	1	0	1	1	0	4	10	11
Lahore Cantt.	0000	703	983.7		1008.7	63.0	57.4	52.6	13.6		69		2.8		4	1	2	0	1	1	3	7	12
	0300		985.3	—	1010.1	66.2	59.5	53.7	13.4	—	68	—	4.1	—	8	1	3	2	0	1	1	10	5
	1200		984.5		1008.6	82.3	65.1	52.4	13.4		36		4.2		3	1	0	5	2	0	5	15	0
Lahore (Walton)	0000	699	984.2		1009.0	61.3	57.2	53.9	14.2		78		3.3		0	3	1	3	0	1	1	10	12
	0300		985.8	—	1010.4	65.8	59.8	55.7	14.9	—	70	—	4.4	—	1	0	3	6	0	2	1	15	3
	1200		983.4		1007.3	81.6	65.7	55.8	15.2		41		4.1		1	0	1	4	2	1	2	19	1
Sialkot	0000	830	979.7		1008.8	64.0	59.3	55.3	15.1		77		4.7		0	0	3	1	0	0	0	3	24
	0300		981.7	—1.4	1010.9	66.9	60.6	56.4	15.2	+2.7	69	+2	3.0	+0.8	0	1	1	2	1	0	3	4	19
	1200		979.4		1007.7	80.3	68.0	60.1	17.8		53		4.5		0	1	1	1	0	0	1	5	22
Jhelum	0000	765	982.8		1010.1	61.0	55.8	51.2	12.9		70		3.2		1	1	0	0	0	0	0	11	18
	0300		984.0	—	1011.2	64.5	57.9	52.2	13.4	—	65	—	3.9	—	0	1	0	1	0	3	1	14	11
	1200		981.9		1007.9	80.2	63.5	50.3	12.5		35		4.5		0	0	0	4	1	1	4	13	8
Chaklala	0000	1667	952.8		895.1	56.3	52.5	49.2	11.9		76		4.7		2	1	1	1	0	0	9	7	10
	0300		953.9	—	896.8	69.8	55.1	51.1	12.9	—	74	—	4.6	—	1	4	1	0	0	0	5	2	18
	1200		952.0		896.8	75.0	60.2	48.8	11.8		40		5.6		0	4	4	1	1	0	20	0	1
Rawalpindi	0000	1676	952.3		895.1	55.6	51.2	46.8	11.1		73		0.1		0	0	0	0	0	0	3	0	28
	0300		953.9	—0.9	897.4	62.0	56.1	50.2	12.9	+2.2	68	+9	4.1	+1.1	2	0	1	0	0	0	3	1	24
	1200		952.3		897.3	75.5	59.6	45.8	11.0		35		4.8		0	1	2	1	0	0	6	1	20
Murree (x)	0000	7113																					
	0300		783.2	—0.7	799.3	47.2	40.6	32.2	7.3	+1.7	61	+1	5.4	+1.8	0	6	2	16	0	2	0	1	4
	1200		782.8		798.7	51.2	44.9	38.3	7.9		60		5.7		0	5	1	13	0	0	2	3	7
Campbellpur (R)	0000																						
	0300																						
	1200																						
Khushab	0000	616	987.5		1009.6	59.5	54.7	50.3	12.5		71		1.9		4	6	2	0	0	2	4	2	11
	0300		988.2	—2.0	1011.0	64.6	57.6	52.3	13.1	+2.4	68	+12	3.1	+0.3	5	7	2	1	1	4	5	3	3
	1200		986.7		1007.1	82.6	63.0	47.7	10.8		29		3.7		5	4	1	4	1	3	1	7	5
Sargodha (*)	0000	—																					
	0300																						
	1200																						

(x) Data not available. (R) Data not received. (*) Observatory closed.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1955.

Division and Station	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or geopotential of 850/700 mbs. pressure level in G.p.m.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
PUNJAB NORTH																							
Lyallpur	0000	605	988.0		1008.9	60.5	56.4	53.3	13.7		76		2.8		5	2	1	1	1	1	0	3	17
	0300		989.3	—1.6	1010.9	61.8	57.4	53.9	14.2	+2.5	75	+12	3.6	+0.5	2	5	1	1	2	1	1	3	15
	1200		987.1		1007.7	82.1	64.5	51.1	12.8		35		4.4		1	0	1	3	4	4	3	4	11
PUNJAB SOUTH																							
Leiah (**)	0300																						
	1200																						
Montgomery	0000	558	989.2		1009.1	65.1	57.7	54.3	14.6		77		2.8		1	0	1	1	0	6	4	5	13
	0300		991.0	—1.5	1010.7	64.2	58.8	54.3	14.5	+1.9	70	+3	2.8	+0.7	1	1	3	4	0	3	4	5	10
	1200		988.9		1007.9	83.3	67.3	56.3	15.6		40		3.3		2	3	2	2	0	4	3	10	8
Multan	0300	413	996.7	—1.2	1011.3	68.0	60.5	57.0	14.6	+1.3	63	+1	2.7	+0.5	13	1	0	0	6	3	1	1	5
	1200		993.7		1007.8	85.4	64.7	54.0	14.8		35		2.5		1	6	0	7	3	5	0	2	7
Khanpur P.B.O. (R)	0000																						
	0300																						
	1200																						
Khanpur	0300	297	1000.3	—1.8	1010.7	67.9	59.5	52.9	13.6	+2.9	58	+3	2.0	—0.1	5	7	1	0	3	1	0	3	11
	1200		996.8		1006.9	89.3	67.4	50.7	13.1		27		2.2		0	8	0	0	0	9	1	2	11
Bahawalpur	0300	384	997.3	—1.6	1010.9	67.2	61.1	56.5	15.6	+3.4	69	+8	2.3	+0.4	0	6	0	0	0	1	0	1	22
	1200		994.4		1007.5	86.7	70.5	60.8	18.2		42		3.4		0	0	0	0	0	0	0	0	30
Fort Abbas (R)	0000	475																					
	0300																						
	1200																						
N.W.F.P. (UPPER)																							
Drosh	0000	4806	854.7		903.7	47.5	41.9	33.9	6.8		61		2.4		0	0	1	0	0	0	0	0	30
	0300		854.7	—0.6	903.7	46.7	41.2	35.0	5.7	—0.6	61	—6	2.6	—1.2	0	3	1	2	0	0	0	0	25
	1200		852.4		900.0	59.4	48.7	35.5	7.4		43		3.5		0	3	0	0	1	6	1	0	22
Chakdara	0000	2197	936.2		898.7	55.9	51.4	47.4	11.1		73		4.5		10	7	0	0	0	0	0	2	14
	0300		937.5	—	900.0	56.7	52.1	47.9	11.5	—	72	—	4.6	—	17	3	0	0	0	0	0	6	4
	1200		932.6		896.3	70.5	57.5	46.6	10.9		43		4.3		1	5	0	4	1	8	0	1	10
Peshawar	0000	1155	970.0		1080.9	58.6	54.4	50.4	12.6		75		4.6		0	1	0	5	1	13	0	3	6
	0300		971.5	—1.5	1012.3	61.0	56.4	52.1	13.5	+2.6	73	+4	4.6	+0.4	0	0	0	1	2	7	3	2	10
	1200		969.0		1008.7	74.6	60.6	48.2	11.8		40		5.6		3	8	3	3	0	3	0	6	4
Risalpur	0000	993	976.2		1011.7	57.5	55.4	53.4	14.0		87		4.2		3	1	1	2	0	3	5	4	12
	0300		977.8	—	1013.2	60.1	56.7	53.5	14.2	—	79	—	4.3	—	0	0	1	0	0	4	7	7	12
	1200		975.2		1009.4	75.9	62.2	50.2	13.7		43		4.9		1	6	2	2	0	2	5	9	4
Haripur (Hazara)	0300	1737	*	—	*	59.0	54.7	51.0	12.9	—	74	—	*	—	1	0	30	0	0	0	0	0	
	1200		*		*	71.7	59.0	49.0	11.9		46		*		0	2	2	0	1	1	19	0	
Kakul	0000	4214	870.9		900.9	51.1	46.1	40.5	8.6		67		4.2		10	4	1	1	2	1	2	10	
	0300		872.3	—	902.2	53.4	47.8	42.5	9.1	—	65	—	5.4	—	8	4	3	1	4	2	1	7	
	1200		870.5		899.9	62.0	51.7	41.1	9.0		46		6.0		1	2	0	3	7	2	0	16	
Cherat (x)	0300	4272	870.1	+0.1	901.8	54.0	48.2	42.0	9.2	+2.2	63	+7	4.5	+1.4	13	0	0	0	0	0	0	13	
	1200		868.7		900.0	61.5	51.6	41.0	9.1		48		5.2		10	1	0	3	3	0	0	10	

(x) Data not available.
(**) Data rejected.
(R) Data not received.
(*) Observatory closed.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1955

Division and Station	Hours of observation.	Height of barometer cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or geopotential of 850/700 mbs. pressure level in Gpm.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations from:— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Landikotal	0000	3503	892.4		899.6	52.0	49.0	45.7	10.6		80		4.1		0	0	0	0	0	0	2	2	27
	0300		893.4	—	900.5	53.1	49.5	45.9	10.6	—	78	—	3.7	—	2	4	0	3	1	0	1	4	16
	1200		891.6		898.6	65.1	56.0	48.1	11.7		55		4.8		7	4	0	7	2	2	2	7	0
N.-W.F.P. (LOWER)																							
Kohat	0000																						
	0300	1667	955.5	—	898.6	62.5	56.5	51.3	13.2	—	68	—	4.5	—	1	2	0	1	0	0	0	21	6
	1200		953.1		897.7	75.0	60.6	49.6	12.2		41		5.1		0	11	2	11	1	0	0	2	4
Parachinar	0000	5673	825.9		798.2	44.5	41.2	39.9	7.6		75		2.6		11	1	0	0	0	1	1	2	15
	0300		826.5	0.0	798.9	47.8	42.7	37.0	7.5	+2.5	67	+7	4.3	+1.0	4	2	0	0	1	1	1	1	21
	1200		825.7		798.6	56.7	47.9	38.4	8.2		52		6.2		2	3	2	11	1	1	1	4	6
Miranshah (R)	0000	3026																					
	0300																						
	1200																						
Bannu	0000	1263	965.9		1010.4	60.8	55.3	50.7	12.5		69		2.3		2	1	1	2	3	0	7	14	1
	0300		967.4	—	1011.7	64.6	57.2	50.9	12.7	+2.9	61	+6	2.3	—0.1	2	5	4	3	2	2	3	8	2
	1200		965.1		1008.3	76.5	61.8	48.9	12.3		40		3.8		2	2	3	9	10	2	3	0	0
Wana	0300	4503	862.0	—	901.2	49.4	47.8	46.4	10.7	+4.0	89	+22	0.5	—2.1	0	0	0	0	0	0	0	0	31
	1200		860.4		898.2	66.9	62.9	60.6	17.9		80		0.3		0	0	0	0	0	0	0	0	31
D.I. Khan	0000	570	990.6		1010.8	63.7	57.7	53.6	13.6		68		2.5		0	0	0	0	0	0	1	2	28
	0300		991.1	—1.7	1011.2	65.8	60.3	54.0	14.6	+2.5	66	+3	3.0	+0.4	0	4	0	1	0	1	1	5	19
	1200		988.7		1008.1	83.6	67.1	55.3	15.2		39		3.0		0	4	0	3	0	0	0	1	23
AFGHANISTAN																							
Jalalabad (R)	0300	1950																					
	1200																						
Kabul	0300	5955	820.3	—	801.8	42.6	39.3	34.2	6.8	+2.1	74	+8	5.0	+1.5	3	1	0	1	5	4	5	7	5
	1200		818.5		800.3	55.7	45.1	32.7	6.5		39		6.4		10	8	2	2	2	1	1	5	0
Kandhar	0300	3462	892.0	—	898.0	52.8	48.0	43.6	9.5	—	69	—	3.8	—	0	2	6	2	1	0	1	1	18
	1200		889.4		895.0	70.6	57.6	46.6	11.0		43		4.5		1	0	0	5	2	7	3	6	7
BALUCHISTAN (NORTH)																							
Fort Sandeman	0300	4614	860.5	+0.9	902.9	54.5	46.0	36.7	7.4	+0.9	50	—17	3.4	+1.1	1	3	0	2	0	11	1	1	12
	1200		857.9		898.8	69.8	51.6	27.3	6.0		24		4.8		0	4	0	3	2	11	5	3	3
Hindubagh	0000	5909	819.2		799.5	47.1	42.8	38.2	7.8		71		2.6		1	0	1	0	0	18	3	5	3
	0300		820.4	—	800.7	48.5	43.8	38.7	8.1	—	70	—	3.6	—	1	0	1	1	2	11	8	4	3
	1200		818.4		799.3	63.9	53.5	44.5	10.2		51		5.2		0	2	2	0	1	19	7	0	0
Loralai	0000	4699	854.8		900.0	50.3	44.8	37.8	7.9		63		1.9		0	0	0	0	1	0	0	1	29
	0300		855.7	—	901.1	50.0	44.5	37.6	7.8	—	63	—	3.2	—	0	0	1	0	0	0	10	2	18
	1200		853.5		896.8	69.7	54.7	39.2	8.5		34		4.4		0	0	3	6	7	9	0	3	3
Sibi	0000	441	994.4		1010.0	68.1	58.9	49.9	12.9		55		0.9		0	0	0	1	0	1	0	4	25
	0300		996.1	+0.7	1011.7	68.3	58.1	48.2	12.1	+3.9	50	+11	1.4	—0.4	0	0	0	0	0	0	0	4	27
	1200		992.9		1008.2	88.0	66.4	47.8	12.4		27		2.4		0	2	0	5	0	10	1	8	5

(R) Data not received.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1955

Division and Station	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or geopotential of 850/700 mbs. pressure level in G.p.m.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb	Mb.	%	%	oktas										
BALUCHISTAN (NORTH)																							
Quetta (Samungli)	0000	5253	840.2		800.5	47.5	42.7	36.8	7.7		68		1.9		0	0	8	6	4	1	4	3	5
	0300		841.0	—	801.3	48.1	43.1	37 6	7.7	—	67	—	3.5	—	1	0	10	8	1	3	2	1	5
	1200		839.0		800.8	64.9	51.6	38.3	8 4		40		5.5		2	0	2	4	4	2	11	5	1
Quetta (x)	0300	5490																					
	1200																						
Chaman	0000	4311	867.7		899.7	55.0	46 6	35 8	7 5		51		3 1		0	0	14	12	2	1	1	0	1
	0300		868.6	—0. 8	900.9	57 4	48.0	36.3	7.6	+0.9	47	—7	4.1	+1.1	0	0	9	13	4	2	0	0	3
	1200		866.5		898.1	69.4	53.9	38.1	7.9		32		5.3		2	1	1	2	1	7	10	7	0
Kalat	0000	6616	798 8		800.5	42.2	37.0	30.1	5.7		62		0.9		0	1	0	1	16	1	4	0	8
	0300		800.1	+0.4	801.6	45.8	39.5	31.6	6 0	+0.1	59	0	0.9	—1.3	1	0	2	5	13	3	2	1	4
	1200		798.5		800.1	60 8	47.1	30 9	6.0		33		2.5		2	0	0	3	5	4	9	8	0
Nushki	0000	3416	*		*	61.3	47.4	27.9	5.4		29		0.5		0	5	1	0	0	8	8	9	0
	0300		903.3		907.5	62.9	48.2	25 1	5.8		29		0.5		0	14	1	0	0	6	2	7	1
	1200		900.4		904.3	77.0	55 0	28 9	5 9		19		0.8		0	0	2	0	0	14	3	6	6
Dalbandin	0000	2785	915.8		899.3	57.2	47.3	35.1	7.1		44		2.8		1	11	0	1	1	0	1	3	13
	0300		917.0	—1.2	900.3	56.8	47 8	36.7	7.7	—0.3	49	—4	2.8	+0.5	0	9	1	2	0	2	1	2	14
	1200		914.3		898.5	80.1	58.0	35.8	7.6		22		4.3		1	1	1	2	6	13	4	2	1
Nokkundi	0000	2229	933.7		898.9	61.1	52.9	44 1	10 4		57		0.5		0	9	0	1	0	0	1	17	3
	0300		935.0	—	900.5	64.8	55 2	45 8	11 0	+2.6	53	+7	0.8	—1.5	0	9	0	1	0	0	0	20	1
	1200		932.2		898.7	81.0	61.8	43 9	11.1		31		1.3		0	4	2	4	1	4	1	14	1
BALUCHISTAN (SOUTH)																							
Panjgur	0000	3177	903.8		900.3	58.3	49.8	40 6	8 8		53		1.2		9	0	0	0	11	1	0	0	10
	0300		905.2	+0.1	901.6	58 9	48 9	38 5	7.8	—0 9	46	—17	0.8	—0.7	2	12	0	0	1	2	2	0	12
	1200		902.8		899.4	79.1	60.0	42 2	9.9		29		1.0		0	0	0	0	0	18	3	8	2
Turbat	0000	510	993.5		1011.3	66.5	59.6	52 4	13 6	—	64		1.1		0	8	0	3	1	1	1	0	17
	0300		994.8	—	1012.7	70.2	61.1	52.5	14 4		57	—	1.2	—	0	12	0	3	0	0	1	1	14
	1200		991.5		1008 3	92.1	70.7	55.3	15.9		31		1.6		0	0	0	1	1	21	4	2	2
Pasni	0000	28	1008.9		1009.8	67.5	65.3	62 6	20 2		87		0.0		0	0	0	0	0	1	7	1	23
	0300		1009.9	—2.1	1010.9	67 9	64.4	61 8	19.1	+1.6	82	+3	0.0	—1.4	0	1	0	0	0	1	16	13	0
	1200		1007.8		1008.7	83.2	73.8	68.7	23 9		62		0.2		1	0	1	1	6	8	12	2	0
Ormara	0000	15	1008.2		1008.7	72.6	69.9	68.1	24.3		87		1.3		0	0	1	0	0	10	11	0	9
	0300		1010.0	—	1010.5	73.1	70.3	68.5	23.7	+4.2	86	+3	1.5	—0 7	0	0	1	0	0	7	9	0	14
	1200		1007.6		1008.1	85 0	78.1	74.5	29.6		73		1.0		0	0	1	2	2	12	13	0	1
Lasbela	0000	292	999.3		1009.8	62.8	55.3	47.8	11.6		59		0.3		0	1	0	0	0	1	0	0	[illegible]
	0300		1000.5	—2.0	1010.9	70 4	62 1	54.8	13.4	—0.5	60	—9	1.6	—0.2	7	5	4	0	2	1	4	3	5
	1200		996.2		1006.1	95.9	76.7	66.0	22.7		40		2.3		0	0	3	5	9	6	5	1	3
SIND (LOWER)																							
Karachi (Manora)	0000	13	1009.0		1009.5	x	x	x	x		x		1.3		0	5	0	0	0	0	10	2	14
	0300		1010.3	—1.9	1010.8	x	x	x	x	—	x	—	1.9	—0.1	1	2	0	0	0	0	2	2	20
	1200		1008.2		1010.8	x	x	x	x		x		2.2		2	1	0	0	0	6	22	0	0

(x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1955

DIVISION AND STATION	Hours of observation.	Height of barometer cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or geopotential of 850/700 mbs. pressure level in Gpm.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	G.M.T.	F.T.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
SIND (LOWER)—contd.																							
Karachi (Airport) ... — ...	0000	73	1006.3		1009.0	70.1	66.1	63.3	20.1		80		0.7		2	1	0	0	0	2	9	4	13
	0300		1008.3	—	1010.9	71.2	66.0	62.4	19.5	—	74	—	1.9	—	0	1	0	0	0	1	4	2	23
	1200		1005.6		1008.2	87.9	71.3	60.1	18.9		41		1.9		0	1	1	0	2	17	9	0	1
Badin	0000	31	1008.0		1008.9	68.0	62.3	58.0	16.8		72		0.7		3	0	0	0	0	2	6	0	20
	0300		1009.5	—1.5	1010.5	68.8	64.1	58.9	18.7	+1.8	77	+11	0.5	—0.7	3	0	0	0	0	1	7	0	20
	1200		1006.2		1007.2	96.5	70.1	51.9	13.5		22		1.0		5	1	0	0	0	1	11	0	13
Umerkot	0000	55	1005.5		1007.2	67.6	60.7	55.3	14.1		65		0.6		0	1	3	0	9	2	0	0	16
	0300		1007.8	—	1009.6	70.8	63.7	57.7	17.2	—	66	—	0.7	—	1	2	3	0	4	3	0	0	18
	1200		1004.3		1006.3	95.9	72.6	57.1	16.6		29		1.2		1	0	1	0	2	5	8	7	7
Chhor	0000	19	1007.2		1007.9	64.8	57.8	50.8	13.3	—	63		0.8	—	0	1	0	0	2	4	1	0	3
	0300		1009.5	—	1010.1	69.6	60.9	53.4	14.8		59		1.4		1	4	0	0	0	12	0	0	14
	1200		1005.9		1006.5	95.5	97.2	43.3	9.3		17		1.9		0	1	1	0	0	7	16	4	2
Hyderabad	0000	96	1004.9		1008.3	69.6	61.4	54.5	15.4		61		1.0		1	4	1	4	4	2	0	1	14
	0300		1006.4	—2.3	1009.9	70.7	61.9	54.8	14.9	+1.9	58	+3	1.0	—0.4	2	5	2	8	5	2	0	0	7
	1200		1003.1		1006.6	95.4	67.8	44.3	10.6		19		1.4		1	3	3	6	9	3	0	2	4
SIND (UPPER)																							
Padidan	0000	153	1002.9		1008.4	65.0	58.4	52.8	13.9		65		1.2		7	4	1	1	0	3	0	4	11
	0300		1004.5	—	1010.3	68.4	60.2	53.9	14.1	—	60	—	2.3	—	5	6	2	2	0	2	0	8	6
	1200		1001.8		1007.1	90.9	67.5	49.0	12.4		25		2.1		4	3	2	3	3	3	4	7	2
Nawab Shah	0000	124	1004.6		1009.1	63.6	58.6	54.8	14.8		73		0.8		3	0	0	0	2	1	1	0	24
	0300		1006.9	—	1011.3	68.6	63.0	59.0	16.8	—	73		2.1	—	6	0	0	0	1	1	1	2	20
	1200		1003.8		1008.1	92.4	73.2	62.5	19.0		37		2.4		7	0	1	0	4	1	2	6	10
Sukkur	0300	221	1002.3	—1.9	1010.2	67.6	59.5	52.8	14.1	+2.2	60	+7	3.1	+1.8	5	6	6	9	1	0	0	1	3
	1200		999.4		1006.9	88.6	67.9	53.0	13.9		31		3.5		2	9	0	3	2	7	0	4	4
Jacobabad	0000	183	1002.2		1008.8	68.7	59.5	52.5	13.6		55		1.4		3	2	9	2	2	0	1	7	5
	0300		1004.2	—1.2	1010.8	69.9	60.1	52.1	13.2	+0.7	54	—1	2.4	+0.6	4	2	9	5	1	0	0	5	5
	1200		1001.1		1007.4	90.2	68.6	52.2	14.1		29		3.1		4	1	4	9	7	1	2	2	1
Rati (x)																							
Veraval	0300	26	—		(e) 1011.2	(e) 73.5	(e) 67.5	(f) 62.8	(e) 19.9	—	72	—	(f) 1.1	—	12	2	2	0	0	(e) 0	4	5	1
	1200		—		(e) 1008.6	(e) 81.7	(e) 74.2	(e) 71.3	25.8		69		(e) 0.7		0	0	0	0	2	(e) 1	19	2	2
IRAN																							
Bask	0000																						
	0030	13	1012.6	—	1013.1	70.9	66.9	64.4	20.8	—	80	—	1.8	—0.1	2	2	12	2	0	2	3	4	4
	1200		1011.5		1011.8	80.0	74.4	71.1	26.7		76		3.3		0	0	2	2	3	4	13	7	0
ARABIA																							
Muscat	0300	20	1011.3	—	1011.9	74.5	67.3	62.6	20.2	—	68	—	2.5	+0.3	1	2	4	17	0	0	0	0	7
	1200		1009.3		1009.9	78.5	70.6	66.8	22.3		66		3.5		1	13	2	12	1	0	0	0	2
Kuwait *	0300	16																					
	1200																						

(e) Mean for 26 days. (f) Mean for 25 days. (x) Data not available. (*) Observations suspended.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MARCH, 1955

Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (inches)						Wind Velocity (knots)		Weather Number of Days				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Visibility Code Figure 93 or less: Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (EAST)																					
Cox's Bazar	86.7	+0.4	90	27	67.3	+2.9	61	1	37.4	+2.25	2.06	30	4	+2.5	4.8	+2.1	1	0	0	0	0
Chittagong	89.9	+2.8	94	14	67.9	+0.7	61	5,6	10.01	+7.55	4.58	29	5	+2.5	6.1	+0.7	4	0	0	0	0
Noakhali (Maijdee)	88.1	+1.5	95	14	67.7	—2.8	57	7	3.60	+1.23	1.95	29	4	+0.9	x		0	0	5	0	1
Comilla	91.1	+1.4	97	12,13	67.6	+0.5	59	7	3.98	+0.97	1.32	28	7	+3.5	7.2	+3.8	6	0	8	0	0
Brahmnbaria	90.0	0.0	97	24	67.2	+3.2	50	7	1.95	—1.08	1.38	28	4	+0.3	3.8		3	0	3	0	0
Srimangal	90.6	+0.4	97	14	61.5	0.0	49	5	4.92	+1.53	1.25	27	9	—0.9	2.4	—0.9	9	1	0	0	0
Mymensingh	90.2	+2.2	98	16	65.8	+1.1	57	7	2.18	+0.34	0.62	18	7	+4.0	2.7	+1.7	7	0	0	0	0
Narayanganj	91.5	+1.7	98	14	70.0	+1.9	62	4,5,7	2.12	—0.27	0.80	21	5	+1.8	3.0	+0.2	0	0	5	0	0
Dacca (Tejgaon)	91.2		67	14	67.6		57	5,7	2.77		1.28	28	4	—	6.3	—	7	0	9	0	0
EAST PAKISTAN (DELTAIC)																					
Faridpur	90.7	+1.4	100	24	67.7	+1.9	56	7	0.82	—1.28	0.66	27	2	—0.9	4.7	+1.4	3	0	5	0	0
Barisal	91.5	+1.9	95	4 days	71.1	+2.3	62	7	0.15	—1.90	0.10	27	1	—2.1	x		6	0	6	0	0
Khulna	93.5	+1.9	99	25	*		*	*	0.68	—0.96	0.35	27	2	—0.3	3.8	+0.8	0	0	2	0	0
Satkhira	94.5	+0.8	104	25	70.5	+2.6	58	5	0.39	—1.45	0.31	27	1	—1.5	2.6	+065	0	0	0	0	0
Jessore	95.8	+3.9	106	18	68.6	+3.8	55	5	0.43	—1.50	0.33	21	2	—0.9	3.9	+2.1	0	0	3	3	0
EAST PAKISTAN (NORTH)																					
Pabna	97.3	+5.0	104	27,28	61.5	—2.1	57	6 days	0.00	—1.21	0.00	0	0	—1.9	x		0	0	0	0	0
Sirajganj	93.7		103	25	66.8		56	7	1.65	+0.37	0.40	4,28,29	5	+2.9	x		6	0	2	0	0
Rajshahi									0.10	—1.07	0.10	3	1	—0.8	—						
Bogra	93.7	+3.0	105	26	65.6	+2.6	55	7	1.17	+0.03	0.56	28	3	+1.0	2.8	+1.0	3	0	0	0	0
Dinajpur	92.5	+3.3	103	27	63.2	+2.3	55	7	0.00	—0.69	0.00	0	0	—1.4	2.5	+0.1	2	0	0	0	0
Rangpur									0.74	—0.26	0.32	28	4	+2.4	—		0	1	0	0	0
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu	52.5	+2.2	62	14	35.5	+3.1	30	4	3.75	+2.73	0.80	30	8	+5.0	3.6	+0.7	0	0	0	0	0
Misgar	40.9	—	53	15	*	—	—	—	2.22	—	1.13	16	4	—	2.8	—	0	0	0	0	0
Gilgit	60.8	—1.6	70	14	47.4	+2.3	41	4	3.49	+2.69	1.64	16	4	+2.2	0.0	—1.3	0	0	0	0	0
Jammu (x)																					
PUNJAB (NORTH)																					
Lahore (Jail Rd)	84.4	+1.8	95	30	60.8	+7.6	54	3,4	1.75	+0.96	1.00	1	2	+0.1	(c) 2.5	+0.6	2	0	0	0	0
Lahore (Cantt.)	84.0	—	94	29	61.7	—	55	4	0.83	—	0.76	1	1	—	4.5	—	2	0	0	0	0
Lahore (Walton)	83.3	—	94	30	59.5	—	53	3,4	2.08	—	0.60	1	2	—	x	—	1	0	0	0	0
Sialkot	83.8	+3.7	93	30	60.9	+6.9	52	3,4	0.67	—0.84	0.53	1	2	—1.2	2.2	+0.7	0	0	0	0	0
Jhelum	83.3	—	93	23,30	59.0	—	52	2,4	3.25	—	1.30	1	3	—	3.1		3	1	0	0	0
Chaklala	77.6	—	87	30	52.9	—	44	4	2.32	—	1.16	1	4	—	6.1	—	4	1	0	0	1
Rawalpindi	79.4	+4.3	89	22	52.2	+1.8	44	31	1.97	—0.70	0.97	2	3	—1.7	2.4	+0.1	2	0	0	0	0

(x) Data not available. (*) Data rejected. (c) Mean for 28 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MARCH, 1955.

DIVISION AND STATION	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (inches)						Wind Velocity (knots)		Weather Number of Days				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Visibility Code Figure 93 or less: Fog.	Visibility Code Figure 93 or less: Haze (dust).	Visibility Code Figure 93 or less: Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Murree	55.8	+0.2	63	14	41.7	+3.9	32	2	5.71	+0.90	1.18	31	11	+3.7	3.8	—1.4	9	0	1	0	0
Campbellpur (R)																					
Khushab	85.2	+3.9	93	22,30	59.0	+3.2	50	2,3	0.27	—0.77	0.15	2	2	—0.5	3.6	—0.1	0	0	0	0	0
Sargodha*																					
Lyallpur	84.1	+2.5	108	23	57.7	+4.1	50	3	0.61	+0.05	0.32	1	2	+0.4	1.7	—0.2	2	0	2	0	1
SOUTH PUNJAB																					
Leiah *																					
Montgomery	84.5	+0.7	95	30	60.0	+4.0	51	2,3,17	1.02	+0.60	0.97	1	1	—0.3	1.1	—2.0	2	0	1	0	0
Multan	86.8	+2.9	95	29,30	62.6	+5.4	57	1,2,6	0.35	—0.05	0.35	1	1	0.0	2.5	+1.0	0	0	0	0	0
Khanpur P.B.O. (R)																					
Khanpur	92.8	+5.9	100	28	59.4	+5.2	54	3,5,17	0.00	—0.38	0.00	—	0	—0.9	3.3	—0.7	0	0	0	0	0
Bahawalpur	88.6	+3.0	101	25	61.9	+6.7	53	17	0.96	+0.56	0.96	1	1	+0.1	0.2	—2.4	0	0	0	0	0
Fort Abbas (R)																					
N.W.F.P. (UPPER)																					
Drosh	64.0	+5.9	77	22	44.0	+3.6	40	3	4.80	+1.07	0.72	16	14	+6.6	2.2	—0.9	2	0	0	0	0
Chakdara	73.6	—	81	22,30	52.4	—	45	3	3.31	--	0.63	12	8	—	2.9	—	3	0	0	0	0
Peshawar	77.1	+2.3	84	23,28	56.4	+4.0	48	2	1.02	—1.42	0.23	9	5	+0.4	3.0	+1.2	6	0	0	0	1
Risalpur	78.5	—	86	23,26,28	55.7	—	45	3,4	1.25	—	0.52	16	5	—	3.8	—	7	1	0	0	0
Haripur	*	—	—	—	*	—	—	—	3.15	—	0.96	16	7	—	3.9	—	0	0	0	0	0
Kakul	66.0	—	74	23	49.2	—	43	2,3	5.47	—	1.34	16	12	—	(x)	—	9	0	0	0	0
Cherat	64.6	+3.4	73	26	49.4	+1.7	40	2	2.79	—1.50	1.03	16	8	+2.4	6.7	—1.0	2	1	3	0	0
Landikotal	67.1	—	74	8,22,28	(a) 48.3	—	37	2	2.56	—	0.73	8	6	—	2.3	—	0	0	2	0	0
N.W.F.P. (LOWER)																					
Kohat	78.5	—	87	23	58.1	—	52	3,5	3.02	—	0.96	16	6	—	4.8	—	4	0	0	0	0
Parachinar	62.5	+2.7	70	14	43.2	+4.6	34	2	7.77	+3.43	1.65	29	12	+3.7	3.6	+1.2	4	0	0	0	0
Miranshah (R)														—							
Bannu	79.1	+1.1	86	30	59.0	+6.1	51	3	0.85	—0.73	0.07	15	2	—1.7	3.0	—	1	0	0	0	
Wana	71.2	+5.5	74	6 days	43.1	+3.1	37	3,4,5	2.22	+0.29	0.72	12	5	+1.1	0.7	—	0	0	0	0	0
D. I. Khan	85.4	+3.6	93	29	63.0	+8.0	43	2	1.12	+0.16	0.40	12	3	+0.7	2.3	+0.8	4	0	0	0	0
AFGHANISTAN																					
Jalalabad (R)																					
Kabul	58.3	+5.5	67	22	39.1	+5.5	27	2	4.77	+1.18	0.85	29	11	+3.9	2.8	+0.2	5	0	0	0	
Kandhar	76.9		85	9	48.5		37	1	1.15		0.58	14	4		1.9		0	0	0	0	0
BALUCHISTAN (NORTH)																					
Fort Sandeman	72.3	+2.4	83	29	48.3	+3.5	39	2	3.03	+1.65	0.95	1	7	+3.4	4.2	+1.2	1	0	0	0	
Hindubagh	66.5	—	74	29	43.1	—	35	1	1.86	—	0.62	12	5	—	7.0	—	1	0	0	0	2
Loralai	69.9	—	80	29	45.7	—	38	3	3.97	+2.67	1.10	12	6	+2.9	3.9	—	3	0	0	0	0
Sibi	89.2	+3.2	100	29	64.4	+5.0	49	1	0.04	—0.28	0.04	13	0	—0.9	x	—	0	0	0	0	0
Harnai									0.00	—1.41	0.00	—	0	—2.9							

(c) Mean for 29 days.

(*) Data rejected.

(R) Data not received.

(a) Data for 30 days.

*) Observatory closed.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MARCH, 1955

Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Visibility Code Figure 93 or less: Fog.	Visibility Code Figure 93 or less: Haze (dust).	Visibility Code Figure 93 or less: Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN (NORTH)																					
Quetta (Samuangli)	68.7	—	77	29	39.5	—	28	3	1.15	—	0.43	12	5	—	6.6	—	6	0	0	0	0
Quetta (R)																					
Chaman	72.1	+5.6	81	9	51.5	+5.5	41	1,16	2.09	+0.60	0.92	16	4	0.0	6.4	+1.3	0	0	0	0	0
Kalat	65.5	+4.8	73	19	38.7	+2.7	27		0.78	—0.27	0.27	13	3	0.0	5.9	+1.1	0	0	0	0	0
Nushki	79.5	—	88	28	*	—	—	—	0.00	—	0.00	—	0	—	8.2	—	0	0	0	0	0
Dalbandin	81.9	+4.1	90	19,28,29	51.8	+4.1	41	1,2	0.26	—0.14	0.16	15	1	—0.4	4.9	+0.9	1	0	0	4	4
Nokkundi	84.0	+5.9	96	28	58.4	+6.6	46	1	0.36	+0.24	0.20	15	2	+1.4	5.9	—0.2	0	0	0	0	0
BALUCHISTAN (SOUTH)																					
Panjgur	80.6	+2.5	90	28	50.6	+0.4	39	1	0.00	—0.60	0.00	—	0	—1.3	4.1	—0.6	0	0	0	0	1
Turbat	93.8	—	103	28	65.2	—	55	1	1.45	—	1.15	10	2	—	x	—	0	0	0	0	0
Pasni	87.4	+2.8	99	25	65.2	+3.3	58	1,4	0.22	—0.29	0.22	11	1	+0.3	9.2	+3.7	1	0	0	1	0
Ormara	87.1	+5.2	98	24	69.5	+4.1	95	4	0.00	—0.23	0.00	—	0	—0.7	9.5	+1.8	0	0	4	0	7
Lasbela	98.5	+9.6	107	20	(f) 63.3	+6.3	55	8	0.00	—1.03	0.00	—	0	—1.4	3.4	+1.0	0	0	0	0	0
SIND (LOWER)																					
Karachi (Manora) (f)																					
,, (Airport)	91.9	—	103	24	67.0	—	57	4 days	0.01	—	0.01	1	0	—	6.2	—	3	0	0	0	1
Badin	99.0	+7.3	108	24	65.3	+3.6	54	1	0.55	+0.40	0.40	12	2	+1.8	2.8	—	2	0	0	0	0
Umerkot	99.2	—	107	23	64.7	—	52	1	0.10	—	0.10	1	1	—	4.0	—	0	0	1	0	0
Chhor	97.1	—	105	29	58.8	—	44	18	0.39	—	0.39	1	1	—	4.4	—	2	0	1	0	0
Hyderabad	96.9	+4.4	106	24,28	67.5	+3.7	53	3	0.00	—0.20	0.00	—	0	—0.4	3.2	—1.1	1	0	1	0	0
SIND (UPPER)																					
Padidan	92.6	—	105	29	62.1	—	49	2	0.35	—	0.35	1	1	—	5.4	—	0	0	0	0	0
Nawabshah	94.2	—	106	29	61.0	—	51	4 days	0.97	—	0.97	1	1	—	4.1	—	0	0	0	0	0
Sukkur	90.6	+2.7	101	29	64.3	+4.7	54	1	0.47	+0.23	0.42	1	1	+0.1	3.6	+0.3	1	0	1	0	0
Jacobabad	90.8	+1.2	103	29	65.5	+4.9	54	1,2	0.67	+0.45	0.65	1	1	+0.3	5.6	+1.6	3	0	0	0	0
Rani (x)																					
Veraval	*	—	—	—	(g) 68.6	—	59	1,2,3	0.00	—	0.00	—	0	—	—	—	0	0	0	0	0
IRAN																					
Jask	82.7	+2.2	92	24	68.1	+1.5	61	3	1.37	+0.72	0.99	14	2	+0.8	9.8	+2.2	0	0	0	0	5
ARABIA																					
Muscat	80.6	—0.4	93	21	x	—	—		2.77	+2.37	1.65	10	2	+0.9	4.8	+1.2	2	0	0	0	0
Kuwait																					

(g) Means for 24 days.
(R) Data received.
(x) Data not available.
(*) Data rejected.
(f) Mean for 25 days.

Regd. No. S-1452.

PAKISTAN WEATHER REVIEW, 1955.

Monthly Weather Report.

April.

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PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN.

Chief Features : (1) Extensive thunderstorm activity over West Pakistan during the middle and towards the end of the month.

(2) Outbreak of cold wave over Baluchistan and the North-West Frontier Province on the 13th and its extension to rest of West Pakistan by the 17th.

(3) Frequent thunderstorm activity over East Pakistan during the first fortnight and also during the end of the month.

West Pakistan.—Weather remained mainly dry over the region during the first ten days of the month. Thereafter, a western disturbance followed by a low pressure wave moved across West Pakistan and caused a spell of wet weather over the extreme north of the region with pronounced thunderstorm activity over the whole of West Pakistan between the 11th and the 15th. In the wake of the western disturbance, a cold wave affected Baluchistan and the North-West Frontier province on the 13th and gradually extended to the rest of West Pakistan by the 17th, resulting in 10-20 °F below-Normal temperatures.

Thereafter western disturbances normaly in quick succession caused scattered duststorms and thunder showers over West Pakistan during the rest of the second fortnight. There was another period of thunderstorm activity over the extreme north of West Pakistan towards the end of the month in association with the passage of a western disturbance.

Chief amounts of rainfall recorded during the wet spell were:—Drosh 1½″ and Kakul 1″ on the 12th and Sialkot 2″ and Kakul and Drosh 1″ each on the 13th.

The total rainfall during the month was normal in the north Punjab, in moderate defect in the south Punjab, and in large defect elsewhere. Averaged over the plains of West Pakistan it was in moderate defect.

The mean maximum temperature was above normal in the north Baluchistan and upper Sind and normal elsewhere. The mean minimum temperature was normal all over the region except in the north Punjab where it was below normal.

The mean relative humidity was in defect in the South Punjab and upper N.W.F.P., in excess in the Sind and normal elsewhere.

Skies were normally clouded over the Punjab and less clouded than usual elsewhere.

East Pakistan—Frequent thundershowers were reported from East Pakistan during the first fortnight and also towards the end of the month in association with the eastward passage of low pressure waves Locally heavy thundershowers were experienced in the Eastern sub-Division on the 28th. Weather remained mainly dry otherwise during the month.

Some of the noteworthy amounts of rain-fall recorded during the month were:—Noakhali 2″ on the 4th; Narayanganj 1″ on the 7th; Faridpur and Rangpur 1½″ each and Srimangal 1″ on the 8th; Dacca and Srimangal 2″ each on the 15th; Brahmanbaria 3″ on the 27th, 6″ on the 28th; Sirajganj 3″ on the 28th and Srimangal 2″ on the 29th.

The total rainfall during the month was in moderate defect in the region as a whole.

The mean maximum temperature was above normal in the northern sub-divisions and normal in the other two sub-divisions. The mean minimum temperature was below normal in the northern sub-division and normal elsewhere. The mean relative humidity was normal in the region except in the northern sub-division where it was in defect.

Skies were less clouded than usual over the northern sub-division and normally clouded elsewhere.

Table 1 contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 5 chief divisions and 12 sub-divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent tables.

TABLE I.—DIVISIONAL AND SUB-DIVISIONAL MEANS APRIL 1955.

Division.	PRECIPITATION.				DEPARTURE FROM NORMAL OF				
							03 hrs. G.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
	Inches	Inches	Inches		Degree	Degree	mb	%	
1. East Pakistan	3·10	4·30	—1·20	—28	+0·6	—1·8	—1·7	—5	—0·4
Mean of East Pakistan	3·10	4·30	—1·20	—28	+0·6	—1·8	—1·7	—5	—0·4
2. Punjab	0·64	0·66	—0·02	—3	—0·5	—1·9	—2·8	—7	—0·3
3. N.W.F.P.	0·26	1·27	—1·01	—80	+0·6	—0·5	—1·7	—10	—1·4
4. Baluchistan	0·00	0·53	—0·53	—100	+2·8	—0·8	+0·1	—3	—0·8
5. Sind	0·00	0·06	—0·06	—100	+1·2	+0·1	+2·0	+15	—0·8
Mean of West Pakistan excluding Baluchistan	0·36	0·55	—0·19	—35	+0·3	—1·0	—1·0	0	—0·6
SUB-DIVISION									
1. East Pakistan (East)	4·24	6·07	—1·83	—30	+0·3	—1·2	—1·1	—2	—0·5
2. East Pakistan (Deltaic)	2·49	3·65	—1·16	—32	—0·1	—1·3	—1·0	—3	—0·1
3. East Pakistan (North)	2·10	2·49	—0·39	—16	+2·6	—4·2	—4·2	—16	—0·9
4. Kashmir*	...	...	...	...	...	...	...	...	...
5. North Punjab	1·05	0·97	+0·08	+8	—0·7	—2·7	—1·8	—4	—0·4
6. South Punjab	0·13	0·26	—0·13	—50	—0·3	—0·9	—3·9	—11	—0·2
7. N. W. F. P. (Upper)	0·09	1·76	—1·67	—95	+1·6	—1·9	—4·7	—21	—1·0
8. N. W. F. P. (Lower)	0·31	1·10	—0·79	—72	+0·3	+0·2	—0·7	—6	—1·5
9. Baluchistan (North)	0·00	0·54	—0·54	—100	+3·9	—0·5	+0·2	—5	—0·8
10. Baluchistan (South)	0·00	0·51	—0·51	—100	+0·7	—1·5	—0·2	+1	—0·8
11. Sind (Lower)	0·00	0·03	—0·03	—100	+0·8	+0·3	+2·3	+14	—0·9
12. Sind (Upper)	0·00	0·10	—0·10	—100	+2·9	—0·3	+1·5	+16	—0·6

(*) Data incomplete.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Optan. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
EAST PAKISTAN (EAST).																							
Cox's Bazar	0300	38′	1009·3	0·0	1010·6	83·8	77·2	74·1	29·3	0·0	73	—2	3·6	—0·3	3	6	2	2	14	0	0	3	0
	1200		1005·6		1006·9	83·8	77·1	74·0	29·3		73		3·0		1	0	0	0	15	2	10	2	0
Chittagong	0300	87′	1007·3	—0·2	1010·3	82·4	75·4	71·9	26·5	—1·6	71	—4	2·9	—0·5	3	6	2	10	7	1	0	0	1
	1200		1003·2		1006·1	82·7	75·6	72·4	27·5		71		2·9		1	0	1	0	10	12	5	0	1
Noakhali	0000	25′	1007·6		1008·5	74·5	72·3	71·3	26·8		90		2·3		0	0	0	5	1	0	0	0	24
(Maijdee)	0300		1009·0	0·0	1009·9	82·1	75·7	71·3	27·2	—2·3	73	—2	3·3	—0·1	0	0	0	14	0	0	0	1	15
	1200		1005·8		1006·8	84·2	75·9	71·1	26·3		66		3·8		0	0	0	13	0	0	0	2	15
Comilla	0000	29′	1007·2		1008·2	72·2	70·0	68·7	24·1		90		3·9		0	1	1	4	8	1	0	1	14
	0300		1008·9	—0·3	1009·9	82·4	75·7	71·7	27·2	—1·6	73	—2	3·0	—0·5	2	0	0	7	10	3	0	1	7
	1200		1005·0		1006·0	85·3	76·4	71·2	26·6		65		4·0		1	2	0	9	8	2	1	0	7
Brahmanbaria	0000	32′	1006·8		1007·9	72·6	70·7	64·6	25·0		90		3·0		2	4	2	7	6	1	0	0	8
	0300		1008·8		1009·9	82·2	74·2	70·0	25·1	—0·5	67	—2	2·6		0	4	3	5	9	4	0	1	4
	1200		1004·0		1005·1	83·8	73·8	67·5	24·1		60		3·3		0	2	2	4	5	6	2	0	9
Srimangal	0000	69′	1006·3		1008·7	68·5	67·1	66·3	22·3		92		3·5		0	1	4	3	4	0	1	0	17
	0300		1007·7	—0·1	1010·1	78·8	72·7	69·6	25·0	—1·0	74	—3	3·1	—0·4	0	2	1	9	11	2	3	0	2
	1200		1003·8		1006·0	82·4	74·5	70·8	25·1		67		3·4		3	1	2	9	8	2	2	0	3
Mymensingh	0000	62′	1006·0		1008·2	72·5	70·0	68·6	24·3		88		3·5		0	0	14	3	0	0	0	0	13
	0300		1008·0	+0·4	1010·2	79·5	73·7	70·5	25·2	—0·2	74	0	3·3	—1·4	0	0	12	7	2	0	3	0	6
	1200		1002·8		1005·0	85·7	73·3	66·1	22·5		53		3·4		0	1	11	6	0	0	0	0	12
Narayanganj	0000	26′	1007·5		1008·4	75·0	72·1	70·8	25·5		86		3·5		0	0	3	3	8	1	0	1	14
	0300		1008·8	+0·3	1009·7	82·6	74·9	71·2	26·7	—1·2	69	—6	3·1	—1·1	0	1	5	4	9	2	4	1	4
	1200		1004·6		1005·4	84·1	74·1	68·6	24·1		60		4·6		0	0	3	6	12	0	1	2	6
Dacca (Tejgaon)	0000	27′	1006·2		1007·2	72·5	70·2	69·1	24·3		88		3·5		0	2	1	7	12	0	0	2	6
	0300		1008·1		1009·1	81·3	74·5	70·8	25·5		70		3·8		1	1	4	5	9	4	1	2	3
	1200		1003·5		1004·5	84·2	72·9	66·6	22·1		56		4·5		0	1	2	6	12	5	1	1	2
EAST PAKISTAN (DELTAIC)																							
Faridpur	0000	46′	1006·1		1007·7	73·3	71·4	70·3	25·0		90		3·0		1	0	0	7	14	0	0	0	8
	0300		1007·8	+0·8	1009·4	82·5	76·2	72·9	28·2	+0·1	73	+4	3·3	—0·2	0	0	2	4	16	3	2	1	2
	1200		1002·7		1004·3	86·3	73·4	66·5	21·8		51		4·5		0	1	0	5	14	2	0	0	8
Barisal	0000	11′	1007·7		1008·1	75·7	73·3	73·1	27·1		88		2·8		2	1	0	4	8	1	3	2	9
	0300		1009·5	+0·5	1009·9	85·3	77·0	72·6	27·3	—2·6	66	—9	3·4	—0·4	2	4	0	5	14	1	1	0	3
	1200		1005·5		1005·9	87·3	75·5	70·7	24·2		55		3·1		1	0	0	7	17	0	0	0	5

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0pkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From '— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5(a)	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Khulna	0000	16′	1006·9		1007·5	75·8	74·3	73·7	28·5		93		3·3		0	0	1	5	5	0	0	0	21
	0300		1009·1	+0·7	1009·7	84·1	77·0	73·1	28·5	—0·3	71	—1	3·9	—0·2	0	0	0	3	10	6	1	0	10
	1200		1004·1		1004·7	89·6	77·7	71·8	27·3		57		2·9		0	1	0	5	12	0	0	0	12
Satkhira	0000	16′	1006·4		1007·0	76·3	74·3	73·3	27·8		91		4·2		0	0	0	5	2	4	0	0	19
	0300		1008·3	0·0	1008·9	86·9	77·1	73·1	27·1	—2·1	62	—8	3·6	+0·6	1	0	0	5	3	16	0	0	5
	1200		1003·4		1004·0	91·1	76·5	70·0	24·6		49		3·4		0	0	0	5	(b) 2	12	0	0	10
Jessore	0000	26′	1005·7		1006·6	74·1	72·3	71·3	25·9		90		3·2		0	0	0	4	9	2	0	0	15
	0300		1007·7	—0·2	1008·6	84·1	77·0	72·9	28·5	—0·3	71	—2	2·8	—0·5	1	0	1	2	15	7	2	1	1
	1200		1003·1		1004·0	90·3	76·3	68·0	24·3		50		3·9		2	0	0	2	21	1	2	0	2
EAST PAKISTAN (NORTH)																							
Pabna	0300					87·2	74·3	67·0	22·8	—4·7	52	—20											
Sirajganj	0000	49′	1004·9		1006·6	71·4	68·9	67·5	22·7		87		2·9		1	0	1	14	1	0	0	1	12
	0300		1006·7		1008·4	80·5	72·2	68·6	23·4		65		2·3		4	0	0	13	2	2	0	1	8
	1200		1001·4		1003·1	86·1	72·3	63·7	20·5		48		2·7		0	1	3	10	0	0	0	1	15
Bogra	0300	63′	1006·5	—0·1	1008·7	80·7	71·2	63·5	22·1	—2·6	61	—8	2·7	—0·7	0	0	11	9	2	5	1	0	2
	1200		1001·4		1003·5	83·5	71·3	60·7	20·5		53		2·6		0	1	7	2	1	8	3	1	7
Dinajpur	0000	123′	1003·1		1007·4	69·4	62·9	57·7	16·4		67		1·9		0	10	2	0	0	0	0	0	18
	0300		1004·8	—0·5	1009·0	81·8	67·3	56·1	16·3	—5·4	45	—20	2·2	—1·0	1	4	7	0	0	0	3	0	15
	1200		1000·2		1004·3	91·0	68·7	48·1	13·6		27		0·5		0	6	2	0	0	2	3	0	17
Rangpur	0300												2·7		2	5	16	1	2	2	2	0	0
	1200												1·5		0	4	3	1	0	0	3	0	19

(b) Observations of 29 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M. S. L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From .— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5(a)	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
KASHMIR.																							
Srinagar (X)	0000	5205																					
	0300																						
	1200																						
Gulmarg (X)	0300	8709																					
	1200																						
Gurez (X)	0300	—																					
	1200																						
Sonemarg (X)	0300	—																					
	1200																						
Dras (X)	0300	10059																					
	1200																						
Kargil (X)	0300	—																					
	1200																						
Leh (X)	0300	11529																					
	1200																						
Skardu (X)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	698·1		707·5	28·8	25·9	21·5	3·9		71		2·0		0	0	0	0	0	0	10	0	20
	0300		699·5	—	708·8	31·2	27·0	20·5	3·6	—	64	—	1·7	—	0	0	2	0	0	0	12	0	16
	1200		696·3		705·3	45·7	34·7	18·0	3·4		33		3·5		0	0	7	0	1	0	16	0	6
Gilgit (X)	0000	4950																					
	0300																						
	1200																						
Jammu (X)	0000	1200																					
	0300																						
	1200																						
NORTH PUNJAB.																							
Lahore (Jail Road).	0000	702	982·9		1007·7	62·8	55·7	49·3	12·0		62		1·9		0	7	2	1	0	1	0	1	18
	0300		984·0	+0·6	1008·4	73·3	60·5	49·7	12·2	—1·2	43	—1	2·3	0·0	3	8	2	3	2	0	0	2	10
	1200		981·7		1005·2	90·3	65·8	45·7	10·6		21		2·9		2	3	0	2	1	2	5	8	7
Lahore (Cantt.).	0000	703	981·8		1006·8	64·1	54·7	44·4	10·4		51		2·2		7	4	1	0	0	0	0	8	10
	0300		983·5	—	1008·1	73·1	59·8	48·0	10·9	—	39	—	2·2	—	5	8	3	1	2	0	0	3	8
	1200		981·3		1004·9	89·7	64·6	42·0	9·5		20		2·7		2	4	0	1	2	0	3	14	4
Lahore (Walton)	0000	699	982·3		1006·8	61·9	54·4	47·5	8·1		55		1·9		3	5	2	2	0	1	0	5	12
	0300		984·1	—	1008·3	73·4	59·9	48·2	6·2	—	36	—	2·3	—	4	4	4	4	3	0	0	5	6
	1200		981·7		1004·8	90·4	65·4	44·7	2·6		12		2·7		0	3	0	3	0	1	5	17	1
Sialkot	0000	830	978·1		1007·1	65·9	58·4	51·5	13·3		61		0·7		0	4	0	1	0	0	1	5	19
	0300		979·4	+0·2	1008·2	72·4	61·4	51·6	13·6	—0·1	50	0	1·9	0·0	1	5	3	4	0	0	0	12	5
	1200		978·2		1006·1	88·7	69·6	57·6	16·1		35		1·6		0	1	2	3	0	3	0	12	9
Jhelum	0000	765	980·9		1008·2	61·1	54·3	47·4	11·3		61		3·2		0	0	0	4	1	1	0	5	19
	0300		982·5	—	1009·3	69·9	57·6	46·0	11·3	—	42	—	3·0	—	1	5	3	2	1	2	1	6	9
	1200		979·9		1005·7	87·4	62·0	35·3	7·6		17		3·1		0	1	0	5	1	2	4	10	7
Chaklala	0000	1667	951·0		893·9	57·9	50·1	42·0	9·2		55		2·9		3	0	1	2	2	1	1	10	10
	0300		952·2	—	896·1	67·7	55·2	44·1	9·9	—	43	—	2·8	—	2	2	1	3	0	0	1	2	19
	1200		950·2		895·8	83·1	59·8	37·8	8·2		20		3·3		1	2	0	1	2	2	18	2	2

(X) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M. S. L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Rawalpindi	0000	1676	950·9		894·2	59·5	50·8	41·7	9·2		53		0·5		0	0	0	0	0	0	0	0	30
	0300		951·4	—0·1	896·1	70·8	55·4	40·4	8·9	—4·1	34	—14	2·5	—0·1	0	0	0	0	0	0	0	0	30
	1200		949·5		895·4	81·8	59·0	37·3	7·9		21		3·2		3	0	0	0	2	3	3	0	19
Murree	0000	7113	782.1		798·2	46·7	38·4	26·2	5·0		45		2·7		0	5	3	5	0	0	0	17	0
	0300		783·0	—1·1	798·9	52·2	41·0	26·1	4·8	—2·3	37	—12	3·7	+0·6	2	5	6	4	1	1	6	3	2
	1200		782·8		798·5	57·8	44·0	29·9	5·6		34		4·1		0	1	4	5	1	3	6	6	4
Campbellpur	0300	1175	965·8		1005·8	71·2	57·5	44·8	10·0		39		2·0		2	3	1	1	0	0	0	1	22
	1200		963·9		1002·9	83·0	61·5	36·4	9·0		20		1·3		16	3	2	1	0	0	0	1	7
Khushab	0000	616	985·7		1007·5	63·2	55·4	43·0	11·5		57		0·6		2	8	7	2	1	1	2	1	0
	0300		987·3	+0·2	1008·7	71·6	58·6	48·0	11·0	—2·0	42	—1	1·3	—0·9	4	9	5	1	1	1	3	1	5
	1200		984·3		1005·0	91·0	64·6	41·0	8·9		17		2·3		1	3	2	8	1	5	2	7	1
Sargodha (×)	0300																						
	1200																						
Lyallpur	0000	605	984·7		1006·2	63·9	55·4	47·3	11·1		55		2·5		5	4	4	3	2	1	0	1	10
	0300		987·2	+0·3	1008·4	71·1	58·4	46·2	11·0	—1·8	43	—3	2·0	—1·1	1	6	1	3	2	1	3	1	12
	1200		985·0		1005·3	90·0	63·9	40·6	8·6		18		3·0		2	3	0	3	4	2	1	1	14
SOUTH PUNJAB																							
Leiah †	0300	490																					
	1200																						
Montgomery	0000	558	987·3		1006·9	65·2	56·5	48·4	11·7		56		1·4		0	1	0	5	3	2	3	3	13
	0300		988·7	+0·3	1008·2	72·2	59·3	48·7	12·0	—3·6	44	—12	1·3	—0·3	0	1	5	11	3	1	3	4	2
	1200		986·2		1004·9	91·4	67·0	47·7	11·5		22		1·8		0	3	2	9	1	5	4	3	3
Mailsi	0300	413	994·1	+0·5	1008·3	75·7	58·9	42·6	10·2	—6·2	32	—19	1·9	+0·2	9	2	3	1	4	5	0	2	4
	1200		991·1		1005·6	94·0	64·0	32·6	8·2		12		1·9		4	4	0	2	3	8	0	2	7
Khanpur (P.B.O.)	0000	290	996·4		1006·8	64·0	56·9	50·9	12·6		62		0·7		5	0	0	0	3	3	3	2	14
	0300		997·9	...	1008·1	74·5	63·5	55·3	15·5	...	52	...	0·9	...	5	7	1	0	3	4	4	1	5
	1200		994·6		1004·3	95·9	75·0	62·0	20·1		35		0·7		4	3	1	0	2	10	5	0	5
Khanpur	0300	297	998·2	+0·1	1008·6	75·7	60·6	48·0	11·3	—1·9	38	—4	1·4	0·0	6	4	2	0	4	3	0	6	5
	1200		995·3		1005·3	97·3	67·9	45·0	10·1		17		0·4		1	4	0	0	0	10	1	6	8
Bahawalpur	0300	384	994·8	—0·2	1008·2	74·2	60·6	49·0	11·9	—4·1	41	—9	1·0	—0·8	2	2	0	0	0	0	0	0	26
	1200		992·0		1004·8	94·2	70·4	54·0	14·6		26		0·5		0	0	0	0	1	2	0	0	27
Rohri Abbas	0000	475	990·7		1007·4	65·8	53·8	40·8	8·8		41		1·0		2	7	8	5	3	2	1	0	2
	0300		991·4	...	1007·7	82·3	60·5	38·0	8·2	...	21	...	0·8	...	0	4	5	11	3	3	3	1	0
	1200		988·4		1004·4	92·4	65·4	40·8	9·2		17		1·2		10	3	1	2	1	2	4	6	1

(×) Data not available. (†) Observatory remained closed.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M. S. L. or nearest 0.5 mm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
N. W. F. P. (Upper)																							
Drosh	0000	4806	854·5		902·9	50·5	43·3	34·2	6·7		55		2·2		0	3	1	0	0	1	0	0	25
	0300		854·8	—0·1	903·1	53·3	44·0	31·1	6·1	—2·7	42	—17	3·3	—0·2	0	7	4	4	0	0	0	0	15
	1200		851·1		897·8	68·4	51·6	31·7	6·3		25		3·0		0	9	1	0	0	7	0	1	12
Chakdara	0000	2197	929·8		892·8	59·1	48·5	37·0	7·4		43		2·0		18	1	0	0	0	0	0	5	6
	0300		935·6	...	898·6	63·3	51·3	39·9	8·1	...	40	...	2·4	...	12	6	0	0	0	1	1	10	0
	1200		925·7		890·2	80·3	57·2	34·9	6·7		19		2·7		1	6	0	0	3	5	0	2	13
Peshawar	0000	1155	967·8		1008·6	60·5	50·4	38·2	8·0		45		2·5		1	1	1	0	3	16	1	2	5
	0300		969·1	—0·4	1009·1	70·9	56·3	40·8	9·0	—4·7	35	—21	2·7	—1·0	1	2	1	2	2	3	3	1	15
	1200		966·3		1005·1	85·0	60·1	32·0	6·6		16		3·6		0	14	4	4	1	2	1	2	2
Risalpur	0000	993	974·3		1009·7	58·3	51·8	44·7	10·3		61		1·9		2	1	1	1	2	1	1	4	17
	0300		975·1	...	1009·9	67·7	55·6	43·8	9·7	...	42	...	2·5	...	2	2	1	2	2	1	9	4	7
	1200		972·5		1006·0	86·0	60·1	31·0	6·1		14		2·9		3	8	1	4	0	2	4	4	4
Haripur (Hazara)	0300	1737	*		*	*	*	*	*		*		*		*	*	*	*	*	*	*	*	*
	1200		*		*	*	*	*	*		*		*		*	*	*	*	*	*	*	*	*
Kohat	0000	4214	869·5		899·4	53·5	45·4	35·0	7·1		51		2·1		11	5	2	0	2	1	1	8	0
	0300		870·3	...	899·9	59·1	49·0	38·0	7·8	...	46	...	3·5	...	8	4	4	0	2	0	1	11	0
	1200		869·7		898·6	69·2	53·4	36·0	7·6		30		3·6		5	2	1	2	4	5	3	8	0
Cherat	0000	4272	867·6		898·6	58·8	46·5	30·1	6·0		35		0·7		7	0	0	8	8	0	0	7	0
	0300		868·8	0·0	900·2	61·6	47·7	29·3	5·7	—3·3	30	—24	2·9	+0·2	8	0	0	6	7	1	0	8	0
	1200		867·7		898·6	72·3	52·6	29·3	5·6		20		3·7		4	0	0	11	12	0	0	3	0
Landikotal	0000	3503	891·0		898·0	56·7	49·0	42·0	8·8		57		1·8		2	0	0	0	0	0	1	6	21
	0300		892·1	...	899·1	63·6	53·2	44·0	9·7	...	48	...	1·6	...	3	2	0	4	0	3	2	6	10
	1200		890·4		897·2	75·6	60·8	49·9	12·2		39		3·2		3	5	4	4	0	4	2	8	0
N.W.F.P. (LOWER)																							
Kohat	0000	1667	952·0		815·7	66·1	53·6	41·4	9·0		41		2·0		1	0	0	1	0	0	1	22	5
	0300		953·5	...	897·6	71·0	56·0	42·0	9·3	...	36	...	2·2	...	2	2	1	1	1	0	2	15	6
	1200		950·8		896·5	84·4	59·9	37·0	7·3		18		3·3		1	7	4	5	3	2	3	4	1
Parachinar	0000	5673	825·7		798·1	47·8	40·3	30·8	5·8		52		1·5		13	1	0	0	0	0	1	1	14
	0300		826·6	—0·7	799·4	55·0	44·0	31·3	5·9	—2·5	41	—17	1·6	—1·3	0	1	0	0	0	0	2	2	25
	1200		825·8		799·2	65·2	49·2	32·0	6·2		29		3·2		1	0	1	18	0	2	0	5	3
Miranshah	0000	3026	907·5		899·3	66·5	58·6	53·0	13·6		61		0·6		0	0	0	14	6	10	0	0	0
	0300		908·2	...	900·0	69·8	58·9	53·4	13·7	+4·0	55	+4	0·9	—1·2	0	6	2	2	0	3	1	2	14
	1200		905·5		897·4	71·6	60·8	52·8	13·8		52		4·2		1	8	5	13	0	3	0	0	0
Bannu	0000	1263	963·9		1008·1	63·6	53·7	43·5	9·7		48		0·0		4	2	0	0	2	0	12	9	1
	0300		965·1	...	1008·5	72·5	58·5	45·0	10·5	—2·5	39	—12	0·3	—1·4	2	2	1	2	1	2	6	13	1
	1200		962·9		1005·2	85·3	61·4	37·3	7·4		18		2·0		1	2	8	11	5	0	1	2	0
Wana	0300	4503	860·8	...	899·9	51·2	49·2	47·0	10·1	+1·5	86	+27	0·0	—2·2	0	0	0	0	0	0	0	0	30
	1200		859·7		896·9	74·9	68·4	65·0	21·0		71		0·0		0	0	0	0	0	0	0	0	30
D. I. Khan	0000	570	987·2		1007·0	65·4	55·6	45·9	11·3		49		0·4		0	0	0	1	0	0	0	0	29
	0300		987·3	—1·4	1007·1	73·4	60·7	49·5	12·4	—3·6	45	—11	0·3	—1·9	0	3	0	0	0	0	2	2	23
	1200		986·7		1005·2	93·4	67·4	46·7	11·2		20		1·2		0	2	0	4	1	2	0	0	21

* Data rejected.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M. S. L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
BALUCHISTAN NORTH																							
Fort Sandeman	0300	4614	859·0	+0·2	900·9	62·4	46·4	20·1	4·4	—3·6	22	—4·1	1·0	—1·0	2	1	1	1	0	10	7	0	8
	1200		856·3		896·4	77·4	50·9	5·6	2·1		6		3·7		1	2	0	0	1	12	6	7	1
Hindubagh	0000	5909	819·0		799·5	51·9	44·3	35·2	7·3		55		0·6		0	1	0	0	0	11	11	2	5
	0300		820·2	...	800·8	56·0	46·2	35·7	7·1	...	47	...	1·8	...	1	0	0	0	0	10	12	2	5
	1200		818·0		799·2	71·0	53·9	36·0	8·1		32		3·9		0	0	1	0	0	19	6	4	0
Loralai	0000	4699	853·9		898·9	52·0	45·0	35·6	7·4		56		1·0		0	0	0	0	3	3	3	0	21
	0300		854·9	...	899·3	58·9	48·0	34·4	7·0	...	41	...	1·2	...	0	0	1	0	0	1	6	5	17
	1200		852·7		895·4	76·3	54·9	30·4	5·9		19		3·5		0	0	0	4	7	4	3	7	5
Sibi	0000	441	992·1		1007·7	70·9	54·6	34·0	7·3		27		0·0		0	0	0	2	0	1	0	6	21
	0300		993·9	+1·5	1009·2	76·3	58·2	38·9	8·4	—1·4	27	—4	1·0	—0·9	1	0	0	0	0	1	1	3	24
	1200		990·1		1004·8	96·8	67·3	39·8	9·5		16		1·4		1	0	0	9	0	8	2	6	4
Quetta (Samungli)	0000	5253	840·1		800·5	49·7	41·8	31·6	6·2		51		0·3		0	0	9	7	0	0	7	2	5
	0300		840·8	...	801·4	53·7	44·8	34·8	7·0	...	49	...	1·7	...	0	0	4	9	1	1	6	1	8
	1200		838·6		800·9	72·9	53·5	33·0	7·0		25		3·0		1	0	0	3	2	2	13	9	0
Quetta	0300	5490	832·3	—0·5	800·4	58·2	51·0	44·6	10·3	+1·2	61	—2	1·2	—0·9	1	0	0	0	3	0	2	2	22
	1200		(b) 829·7		798·9	70·8	52·2	33·5	6·6		26		(b) 2·1		4	0	0	1	2	(b) 3	3	8	8
Chaman	0000	4311	866·7		898·6	58·0	46·9	33·2	6·5		40		0·6		0	1	16	8	2	1	0	0	2
	0300		868·2	—0·2	900·0	65·7	51·7	36·1	7·3	—1·4	35	—10	1·3	—1·1	0	0	3	5	3	3	1	1	14
	1200		865·9		897·1	77·0	57·2	36·6	8·0		25		2·2		2	1	0	1	0	4	12	9	1
Kalat	0000	6616	799·3		800·7	42·8	33·6	19·2	3·5		37		0·2		0	0	1	3	19	0	3	2	2
	0300		800·3	—0·7	802·1	52·4	42·1	28·7	5·3	—3·7	40	—16	0·0	—1·8	1	0	1	2	20	0	0	5	1
	1200		799·3		800·6	65·9	47·7	29·3	5·0		23		0·3		4	2	1	0	4	1	5	12	1
Nushki *	0000	3416																					
	0300																						
	1200																						
Dalbandin	0000	2785	915·6		899·2	58·8	46·6	31·4	5·9		35		0·5		0	3	0	0	0	2	0	1	24
	0300		916·8	+1·0	900·5	64·0	49·1	31·0	5·8	—3·4	28	—17	1·2	—0·7	0	4	1	0	0	2	0	0	23
	1200		913·8		898·3	87·3	60·1	34·1	6·8		15		3·4		1	1	1	2	1	10	3	5	6
Nokkundi	0000	2229	933·1		899·0	66·1	54·1	40·8	9·4		43		0·0		0	2	0	1	0	1	0	24	2
	0300		934·9	...	900·8	73·0	58·5	45·3	10·9	—0·1	39	—6	0·2	—1·7	0	3	0	1	0	0	0	25	1
	1200		932·0		899·2	89·4	62·4	39·4	8·4		17		0·2		1	4	0	3	0	3	1	17	1

(*) Data rejected. (b) Observations for 29 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
BALUCHISTAN SOUTH																							
Panjgur	0000	3177	903·7		900·2	63·6	49·9	33·3	6·7		34		0·0		7	0	0	0	2	0	0	1	20
	0300		904·8	+1·7	901·3	66·1	49·3	29·7	5·2	—7·4	24	—39	0·0	—1·3	10	8	0	0	0	0	1	2	9
	1200		902·4		899·0	84·6	57·3	25·6	5·0		12		0·3		4	0	0	0	3	6	5	10	2
Turbat	0000	510	992·2		1010·2	69·5	60·5	52·5	14·0		57		0·6		0	11	0	4	0	2	0	0	13
	0300		994·1	...	1011·3	77·6	64·5	53·2	14·8	...	46	...	0·3	...	0	16	0	3	0	0	0	1	10
	1200		989·4		1005·9	100·1	75·3	60·1	18·5		28		0·3		0	4	0	2	2	10	2	9	1
Pasni	0000	28	1007·5		1008·5	69·0	64·4	60·3	18·7		77		0·6		1	0	0	0	0	0	5	1	23
	0300		1008·5	—0·2	1009·5	71·0	64·5	59·3	17·8	—5·9	78	—3	0·0	—1·4	2	2	1	0	0	2	14	9	0
	1200		1006·0		1006·9	87·2	72·6	62·9	20·7		47		0·0		1	0	0	1	0	20	7	1	0
Ormara	0000	15	1007·1		1007·4	73·3	70·9	69·4	24·3		88		0·0		0	0	0	0	0	7	7	1	15
	0300		1008·3	...	1008·8	75·6	72·4	70·7	26·4	+0·7	86	+2	0·0	—1·8	0	0	1	0	0	5	6	0	18
	1200		1005·9		1006·3	89·3	84·1	82·1	37·5		80		0·0		1	0	0	0	4	13	12	0	0
Las Bela	0000	292	998·3		1008·7	66·3	57·6	49·0	12·3		56		0·1		0	0	1	0	0	0	0	1	28
	0300		999·1	—0·3	1009·6	75·4	65·2	57·3	16·6	—5·5	55	—13	0·8	—0·6	6	3	2	1	2	4	5	6	1
	1200		994·6		1004·3	99·9	77·8	65·6	22·7		34		1·5		1	2	2	1	9	7	4	4	0
SIND LOWER.																							
Karachi (Manora)	0000	13	1007·4		1007·9	75·0	68·4	63·2	20·9		70												
(R)	0300		1008·6	—0·1	1009·1	77·2	69·3	63·5	20·6	—5·4	65	—18											
	1200		1006·2		1006·7	83·3	75·0	70·0	25·3		65												
Karachi (Air Port)	0000	73	1005·0		1007·6	70·9	64·7	58·0	18·2		71		0·7		1	0	0	0	0	3	4	2	20
	0300		1006·8	...	1009·4	75·4	66·8	58·5	18·7	...	61	...	1·5	...	3	0	0	0	0	5	5	2	15
	1200		1004·0		1006·5	90·2	72·5	59·3	19·3		40		1·4		0	1	0	0	2	18	7	1	1
Badin	0000	31	1006·3		1007·5	68·2	61·7	56·0	15·7		67		0·2		0	0	0	0	0	10	6	0	14
	0300		1007·8	0·0	1008·9	72·4	64·1	56·2	16·2	—6·1	60	—6	0·5	—0·7	6	0	0	0	1	8	10	0	5
	1200		1006·5		1005·4	99·1	68·0	40·1	9·4		15		0·3		10	0	0	0	3	4	13	0	0
Umarkot	0000	55	1004·0		1005·7	67·9	59·1	50·9	13·0		56		0·0		1	1	0	0	7	6	0	0	15
	0300		1005·3	...	1007·3	76·5	64·8	54·9	16·3	...	51	...	0·9	...	1	1	2	0	4	9	0	0	13
	1200		1002·6		1004·7	99·7	74·9	58·0	19·7		28		0·7		0	3	0	0	1	12	2	5	7
Chhor	0000	19	1005·9		1006·4	64·8	56·8	49·1	12·3		58		0·1		1	1	0	0	1	8	0	0	19
	0300		1007·9	...	1008·6	73·9	61·3	48·8	13·0	...	43	...	1·3	...	1	4	0	0	0	11	1	0	13
	1200		1004·1		1004·7	99·1	68·9	43·1	19·5		17		1·2		2	3	0	1	1	13	5	4	1
Hyderabad	0000	†98	1003·3		1006·8	70·4	59·9	49·2	12·7		50		0·3		3	2	0	0	4	13	0	1	7
	0300		1005·0	...	1008·4	75·4	62·8	52·1	13·7	...	46	...	0·7	...	2	3	0	1	6	10	0	0	8
	1200		1001·9		1005·1	98·8	68·2	41·9	10·0		16		1·1		0	7	2	1	2	13	2	0	3

(R) Register not received.

† Hb. changed from 96' to 98' w.e. from 14-4-55.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL 1955—Concld.

Sub-Division and station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Director Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
SIND (UPPER).																							
Pad Idan	0000	153	1001·0		1006·4	66·4	56·1	45·9	10·3		46		0·2		2	1	3	5	1	5	2	2	9
	0300		1002·9		1008·2	76·1	61·0	46·8	11·6		38		1·0		1	2	3	6	3	3	5	1	6
	1200		999·7		1004·8	98·4	68·3	42·3	9·8		16		1·2		6	2	1	1	4	3	5	7	1
Nawabshah	0000	124	1003·1		1007·4	65·6	55·9	46·7	10·8		49		0·4		1	0	0	0	5	0	0	1	23
	0300		1004·6		1009·0	73·8	61·5	51·0	13·0		45		0·7		0	1	0	1	2	0	0	1	25
	1200		1001·6		1005·8	98·9	68·6	45·5	10·0		16		1·5		3	2	0	0	6	3	2	4	10
Sukkur	0300	221	1000·2	—0·4	1003·0	71·5	59·8	49·2	12·2	—3·1	47	—4	1·4	+0·1	3	3	5	9	5	2	1	1	1
	1200		997·2		1004·6	96·9	68·7	46·2	11·5		19		1·9		3	2	0	2	6	(h) 5	1	3	1
Jacobabad	0000	183	999·4		1006·2	71·7	57·5	42·0	10·2		38		(c) 0·5		3	1	8	4	2	1	1	3	7
	0300		1001·8	+0·6	1008·3	77·0	60·5	44·5	10·6	—6·1	33	—13	(c) 1·6	+0·4	1	1	9	5	1	1	3	6	3
	1200		998·5		1004·5	98·6	68·1	40·2	10·0		16		(b) 1·2		2	1	1	7	4	3	5	3	4
Rori	0000*																						
	0300	280	998·6		1008·8	73·9	61·9	52·8	13·6		47		0·5		2	2	3	0	5	0	6	4	8
	1200		(c) 995·3		(c) 1004·0	96·2	72·0	52·7	15·9		27		0·3		3	2	1	(c) 1	3	1	9	0	8
Junagadh																							
Veraval	(i) 0000	26			1007·6	77·2	66·2	61·9	19·1		71		0·5		11	1	1	0	0	0	4	2	3
	0300				(f) 1009·4	(g) 78·2	(g) 67·2	(f) 60·4	(g) 17·6		(g) 54		(f) 2·1		5	7	0	1	(f) 0	0	4	8	0
	1200				(f) 1005·9	(g) 75·8	(g) 72·8	(h) 71·3	(g) 26·4		(g) 86		(f) 0·8		0	0	0	1	(f) 1	1	19	3	0
AFGHANISTAN																							
Jalalabad (R)	0300	1950																					
	1200																						
Kabul	0300	5955	819·8		801·5	49·3	40·9	29·2	5·7	—1·7	47	—12	2·1	—0·9	1	0	0	0	10	11	4	3	1
	1200		817·6		800·0	63·7	48·2	32·0	6·0		30		4·7		8	11	4	3	1	0	0	2	1
Kandahar	0300	3462	891·1		885·2	55·5	48·3	41·0	8·6		58		1·3		0	2	1	3	0	2	0	0	22
	1200		888·4		882·9	78·5	58·9	43·0	9·1		28		1·7		1	0	0	0	2	14	1	4	8
IRAN.																							
Jask (R)	0300	13																					
	1200																						
ARABIA.																							
Muscat	0300	20	1010·1		1010·6	79·7	71·2	66·1	22·5		64		1·4	+0·1	0	3	3	14	1	0	0	0	9
	(h) 1200		1008·6		1009·1	82·2	73·0	68·1	23·7		63		1·7		0	12	5	7	3	0	0	0	2
Kuwait †		16																					

(b) Means for 29 days. (c) Means and frequencies for 28 days. (f) Means and frequencies for 25 days. (g) Mean of 24 days. (h) Mean of 23 days. (i) Mean of 22 days.
(R) Register not received. * Data rejected. (†) Observatory remained closed.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF APRIL 1955.

Sub-Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (inches)						Wind Velocity (Knots)		Weather Number of Days				
																			Visibility Code Figure 93 or Less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10″ or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (EAST)																					
Cox's Bazar	89·4	+0·7	95	19,20	73·8	+0·4	67	20	1·33	—2·87	0·68	12	3	—1·2	4·3	+0·8	2	0	0	0	0
Chittagong	88·8	—0·2	96	20,21	73·3	+0·1	66	12	1·33	—4·60	0·69	12	2	—3·8	5·4	—1·2	5	0	0	0	0
Noakhali (Maijdee)	90·0	+1·0	96	20	72·3	—4·1	63	20	3·06	—2·41	2·00	4	4	—1·6	×	...	0	0	1	0	0
Comilla	93·1	+0·8	98	11,21	70·8	—2·5	62	4	3·23	—2·62	0·60	4	10	+3·5	6·5	+2·2	8	0	0	0	0
Brahman Baria	92·3	—0·8	98	21	71·2	+1·0	62	6	9·34	+2·87	5·56	28	6	—0·9	4·1	...	9	0	0	0	0
Srimangal	91·6	—0·5	96	22,23	66·9	—2·4	58	19,20	8·27	—1·44	2·26	15	9	—0·9	3·1	—0·5	14	0	0	0	0
Mymensingh	91·9	+0·8	98	21	71·1	—0·6	63	6	1·80	—3·71	0·76	15	5	—2·1	2·4	0·0	13	0	0	0	0
Narayanganj	92·8	+0·4	97	22	72·4	—1·6	64	7,26	5·58	+0·18	1·62	15	7	+0·3	3·4	—0·7	0	0	2	0	2
Dacca (Tejgaon)	92·4		97	21	71·1		64	6	5·62		1·90	15	8		6·1		16	0	0	0	0
EAST PAKISTAN (DELTAIC)																					
Faridpur	90·9	—2·9	97	3,21,22	70·7	—2·3	60	19	6·51	+1·84	1·74	17	8	+1·7	6·1	—0·1	8	0	3	0	0
Barisal	93·8	+1·8	100	21	74·4	—0·7	67	4,20	1·10	—3·13	0·52	5	3	—2·3	×	...	4	0	3	0	0
Khulna	94·9	+0·7	100	21	×				1·50	—1·41	0·70	4	3	—1·2	4·1	+0·2	3	0	0	0	0
Satkhira	96·2	—0·8	101	21	74·4	—1·2	64	20	0·91	—2·02	0·48	9	3	—1·0	3·6	+0·5	0	0	2	0	0
Jessore	97·5	+0·9	103	24	72·7	—0·9	57	19	2·43	—1·10	1·20	27	4	—0·8	×	...	0	0	2	0	0
EAST PAKISTAN (NORTH)																					
Pabna	100·4	+3·6	103	22	65·3	—6·3	60	20	0·00	—2·55	0·00	0	0	—4·5	×	...	0	0	0	0	0
Sirajganj	95·1		102	22	69·5		63	6,19	6·70	+3·43	2·70	28	6	+1·2	×		11	0	0	0	2
Rajshahi									0·00	—1·65	0·00	0	0	—2·6							
Bogra	96·7	+1·1	105	25	68·6	—2·9	60	20,21	1·08	—1·16	0·70	30	3	—0·5	(c) 3·5	+1·1	6	0	0	0	0
Dinajpur	97·3	+3·0	105	23,24,25	66·7	—3·3	60	20	0·60	—1·54	0·36	28	2	—1·0	3·4	+0·3	3	0	0	0	0
Rangpur									3·42	+0·34	1·42	8	5	+0·6							

* Data rejected. (x) Data not available. (c) Mean of 28 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION WIND VELOCITY AND WEATHER DURING THE MONTH OF APRIL 1955—Contd.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (inches)						Wind Velocity (knots).		Weather Number of Days.				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Visibility Code Figure 93 or less: Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
KASHMIR.																					
Srinagar (X)																					
Gulmarg (X)																					
Gurez (X)																					
Sonamarg (X)																					
Dras (X)																					
Kargil (X)																					
Leh (X)																					
Skardu (X)																					
Misgar	48·9	...	62	28	26·9	...	18	1,17	0·24	...	0·13	13	1	...	4·4	...	0	1	2	0	0
Gilgit (X)																					
Jammu (X)																					
NORTH PUNJAB.																					
Lahore (Jail Road)	93·0	—1·5	101	10,28	61·4	—1·8	53	17,18	0·50	—0·07	0·50	12	1	—0·6	3·1	+1·1	4	0	0	0	1
Lahore (Cantt)...	93·0	...	100	27	58·5	...	54	14	0·44	...	0·44	12	1	...	4·7	...	2	0	0	0	3
Lahore (Walton)	92·3	...	102	28	60·0	...	51	17	0·21	...	0·21	12	1	...	*	...	1	0	0	0	0
Sialkot	91·5	—0·9	99	28,29	63·2	—1·5	54	15,17	2.25	+1·25	1·80	13	4	+1·9	*	...	4	0	0	0	0
Jhelum	90·2	...	99	10,29	59·3	...	51	15,17	1·16	...	0·58	12	3	...	2·8	...	6	0	0	1	0
Chakla::	83·3	...	95	9,10	54·8	...	46	17	1·10	...	0·57	13	3	...	5·9	....	6	0	0	0	0
Rawalpindi	86·4	+0·2	97	10	56·1	—3·2	46	17	0·88	—1·04	0·35	12	3	—1·1	2·4	0·0	3	0	0	0	0
Murree	61·2	—4·1	72	10	44·9	—2·0	32	13,14	2·14	—1·99	0·83	12	4	—3·1	7·2	+2·0	6	4	0	0	0
Campbellpur	84·9	...	98	10	56·9	...	50	15,16	0·30	...	0·11	30	1	...	3·6	...	0	0	0	0	0
Khushab	92·7	—0·2	102	9	61·4	—5·3	54	3	1·49	+0·58	0·81	12	2	—0·1	5·1	+0·5	2	0	0	0	0
Sargodha (†)																					
Lyallpur	91·7	—1·2	100	28	62·4	—1·5	53	15	0·14	—0·33	0·14	12	1	—0·3	2·6	+0·4	0	0	0	0	0
SOUTH PUNJAB.																					
Leiah (†)																					
Montgomery	93·0	—2·7	102	26	63·9	—2·7	54	19	0·05	—0·29	0·05	12	0	—0·9	2·0	—1·3	3	0	0	0	1
Multan	95·9	+0·6	107	25	67·3	—0·2	58	18,19	0·45	+0·18	0·45	12	1	+0·2	4·2	+2·5	0	0	0	0	0
Khanpur (P.B.O.)	98·0	...	106	26,28,30	62·1	...	51	15	0·00	...	0·00	...	0	...	4·2	...	0	0	0	0	0
Khanpur	99·2	+0·5	107	26,28,30	64·8	+0·1	52	15	0·00	—0·25	0·00	...	0	—0·5	3·4	—0·7	0	0	0	0	0
Bahawalpur	96·7	+0·3	105	4 days	64·5	—0·9	56	2	0·00	—0·18	0·00	...	0	—0·5	0·4	—2·2	0	1	0	0	0
Fort Abbas	98·6	...	108	28	*	*	*	...	0·00	...	0·00	...	0	...	5·9	...	0	0	0	0	0
N. W. F. P. (UPPER).																					
Dosch	71·3	+2·4	87	27	48·9	+0·5	35	13	2·46	—1·62	1·30	12	2	—6·1	5·2	+2·6	0	0	0	0	0
Chakdara	82·0	...	94	8	54·4	...	45	14	1·03	...	0·55	12	2	. .	3·2	...	3	2	0	0	0
Peshawar	86·8	+1·6	95	6 days	58·6	—1·9	48	17	0·09	—1·67	0·06	13	0	—3·8	4·4	+2·5	0	0	0	0	0
Risalpur	89·4	...	99	9,11	56·4	...	46	15	0·10	...	0·06	12	0	...	3·6	...	2	0	0	0	2
Haripur (Hazara)*																					
Kohat	72·8	...	84	19	51·3	...	39	15	2·66	...	1·16	13	4	...	X	...	6	0	0	0	3
Cherat	75·0	+2·9	86	9,10	55·4	—0·4	41	16	0·16	—2·62	0·04	11	0	—4·7	6·8	—0·3	1	1	0	0	0
Landikotal	77·7	...	88	9	53·2	...	41	16	0·14	...	0·08	13	0	...	3·1	...	0	0	0	0	0
N. W. F. P. (LOWER).																					
Kohat	87·7	...	97	10	63·5	...	51	16	0·12	...	0·05	14	0	...	5·4	...	3	1	0	0	0
Parachinar	70·2	+1·5	80	9,10	46·4	—0·5	31	16	1·60	—2·43	0·80	14	3	—5·7	3·6	+1·2	2	2	0	0	0
Miranshah	77·7	—0·6	95	9	58·0	+0·8	46	16	0·50	—1·13	0·50	29	1	—2·9	5·2	+0·7	0	0	0	0	0
Bannu	87·6	—0·8	97	28	61·7	—0·4	51	16,17	0·43	—0·55	0·32	29	2	—0·5	3·7	...	1	0	0	0	0
Wana	79·9	+3·2	86	10	53·4	+3·8	37	24	0·46	—0·91	0·46	27	1	—2·8	1·2	...	0	0	0	0	0
D. I. Khan	94·8	+2·2	103	26	*	*	*	*	0·01	—0·68	0·01	14	0	—1·7	1·2	—0·3	0	0	0	0	0

(X) Data not available. (†) Observatory remained closed. (*) Data rejected.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF APRIL 1955—Concld.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (inches)						Wind Velocity (knots)		Weather Number of Days.				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10″ or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN NORTH.																					
Fort Sandeman...	78·7	—1·6	89	29	51·6	—2·9	41	15,17	0·12	—0·82	0·10	26	1	—2·1	3·8	+1·1	0	0	0	0	4
Hindubagh	73·6		82	23,24,30	47·5		35	14,15	0·00	...	0·00	...	0		7·1		0	0	0	0	0
Loralai	76·9		88	1	49·0		35	15	0·12	—0·83	0·12	29	1	—1·4	(b) 4·5		1	1	0	0	0
Sibi	98·5	+0·8	109	29,30	69·3	—0·8	59	17	0·00	—0·11	0·00	...	0	—0·4	X		0	0	0	0	1
Harnai									0·00	—0·75	0.00	...	0	—1·9							
Quetta (Samungli)	75·0		85	24	40·6		29	16.17	0·00		0·00	...	0		6·1		5	0	0	0	0
Quetta	73·7		85	24	43·3		31	15	0·13		0·05	12	0		4·2	+1·4	1	0	0	0	0
Chaman	79·4	+0·8	89	24,25	54·8	—1·2	36	13	0·00	—0·77	0·00	...	0	—2·0	6·7	+1·7	0	0	0	0	3
Kalat	68·3	—2·7	80	23,24	(b) 37·7	—5·8	21	5	0·00	—0·56	0·00	...	0	+1·8	7·0	—2·4	0	0	0	0	0
Nushki	86·9		98	25	*				0·00		0·00	...	0		8·2		0	0	0	0	0
Dalbandin	88·8	—0·4	98	24,30	54·1	—3·8	40	15	0·00	—0·30	0·00	...	0	—0·7	3·4	—0·9	1	0	0	2	0
Nokkundi	91·5	+1·3	103	24	62·8	—0·3	45	13,14	0·00	—0·35	0·00	...	0	—0·4	6·2	—0·2	0	0	0	0	0
BALUCHISTAN SOUTH.																					
Panjgur	85·4	—3·1	96	30	53·6	—5·6	42	16	0·00	—0·39	0·00	...	0	—0·8	2·6	—2·1	0	0	0	0	1
Turbat	102·1		111	30	68·4		59	15	0·00		0·00	...	0		X		0	0	0	0	0
Pasni	92·7	+2·0	100	4	66·1	—1·7	58	1	0·00	—0·40	0·00	...	0	—0·5	9·8	+3·2	0	0	0	0	0
Ormara	91·4	+1·8	99	8.21	70·4	—2·7	64	14,16,18	0·00	—0·60	0·00	...	0	—0·8	10·1	+0·5	0	0	0	0	0
Las Bela	103·2	+5·5	113	30	62·5	—2·3	55	2.15,17	0·00	—0·54	0·00	...	0	—1·2	2·6	+0·1	0	0	0	0	0
SIND LOWER.																					
Karachi (Manora) (R)																					
Karachi (Air Port)	94·9		105	22	68·0		59	16	0·00		0·00	...	0		7·1		0	0	3	0	0
Badin	103·4	+3·0	113	30	66·3	—3·8	53	16	0·00	0·00	0·00	...	0	0·0	4·5		0	0	0	0	0
Umarkot	102·0		112	30	65·3		52	15	0·00		0·00	...	0		(c) 4·1		0	0	0	5	2
Chhor	100·3		111	30	62·1		48	15	0·00		0·00	...	0		4·1		0	0	0	0	0
Hyderabad	104·6		113	30	68·7		58	15	0·00		0·00	...	0		(f) 4·1		0	0	0	0	0
SIND UPPER.																					
Pad Idan	100·0		111	30	63·8		48	15	0·00		0·00	...	0		4·7		0	0	0	0	0
Nawab Shah	100·1		112	30	62·6		50	15	0·00		0·00	...	0		3·8		0	0	0	2	0
Sukkur	98·6	+0·4	108	30	66·8	—1·6	54	15	0·00	—0·10	0·00	...	0	—0·4	3·3	—0·1	1	0	0	0	0
Jacobabad	99·2	—0·4	109	30	68·7	—2·0	59	16,17	0·00	—0·17	0·00	...	0	—0·5	6·0	+1·3	0	0	0	0	0
Reti	(b) 100·6		108	30	59·5		50	17	0·00		0·00	...	0		5·6		0	0	0	0	0
JUNAGADH.																					
Veraval	X	...	...	...	(g) 69·6	...	61	16	0·00	...	0·00	...	0	...	X	...	0	0	0	0	0
AFGHANISTAN.																					
Jalalabad (R)																					
Kabul	67·1	+1·8	79	10	42·4	—0·3	26	15	0·79	—2·51	0·62	12	2	—4·3	4·0	+2·0	0	0	0	0	0
Kandahar	83·3	...	92	9	48·5	...	33	15	0·00	...	0·00	...	0	...	2·0	...	0	0	0	3	0
IRAN																					
Jask (R)																					
ARABIA																					
Mascat	85·4	—2·9	99	11	76·5	—2·2	71	15	0·00	—0·34	0·00	...	0	—0·6	3·9	+0·5	0	0	0	0	0
Kuwait (†)																					

* Data suspected. (X) Data not available. (†) Observatory remain closed. (R) Register not received.
(b) Mean of 29 days. (c) Mean of 16 days. (f) Mean of 25 days. (g) Mean of 24 days

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PAKISTAN WEATHER REVIEW 1955

Monthly Weather Report

May

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Chief Features.—(1) Wet spell over the northern parts of West Pakistan between the 5th and the 10th and again between the 24th and the 26th.

(2) Heat wave over lower Sind and Mekran coast between the 19th and the 23rd.

(3) Wet spell over East Pakistan in the first week and in the beginning of the fourth week.

West Pakistan.—A western disturbance passing across Russian Turkistan, with its trough extending to Baluchistan, caused fairly widespread thundershowers and a few duststorms in the Punjab, the North West Frontier Province, Baluchistan and upper Sind between the 5th and the 10th.

Another western disturbance while moving across the north of the country between the 24th and the 26th was responsible for fairly widespread thundershowers and a few duststorms in the North West Frontier Province and the Punjab.

Under the influence of a trough of low which formed off Kankan coast, a heat wave affected lower Sind and Mekran coast during the period from 19th May to 23rd May. The highest maximum temperature of 118°F was recorded at Badin on the 19th and 20th. As reported in the press the heat wave caused two deaths in Karachi when the temperature shot up to 114°F.

During the rest of the month, a series of low pressure waves moving across the extreme north of West Pakistan caused a few thundershowers and duststorms over the Region.

Chief amounts of rainfall recorded during the two wet spells were :—Drosh and parachinar ¾" each on the 5th ; Parachinar ¾" on the 6th ; Fort Sandeman and Laralai 1½", Multan 1" and Montgomery ¾" on the 7th ; Cherat 1½" on the 8th ; Laralai 1½" and Lyallpur ¾" on the 9th ; Murree 1" and Drosh ¾" on the 10th ; Cherat 4", Chakdara 2" and Parachinar, Campbellpore and Landi Kotal 1" each on the 26th.

The total rainfall during the month was in large excess in South Punjab, lower N.W.F.P., Baluchistan and upper Sind, in moderate excess in North Punjab, in slight excess in upper N.W.F.P. and in large defect in lower Sind. Averaged over the plains of West Pakistan, it was in large excess.

The mean maximum temperature was above normal in lower Sind, normal in South Baluchistan and below normal elsewhere. The mean maximum temperature was below normal throughout the region except in south Baluchistan and lower Sind where it was normal.

The mean relative humidity was in excess in north Punjab and N.W.F.P., normal in south Punjab, north Baluchistan and upper Sind and below normal elsewhere.

Skies were more clouded than usual over the Punjab, lower N.W.F.P., north Beluchistan and upper Sind ; less coluded than usual over south Baluchistan and lower Sind and normal elsewhere.

East Pakistan.—Low pressure waves, moving eastwards across East Pakistan caused fairly widespread thundershowers on most of the days in the first week.

Wheather remained mainly dry during the next two weeks. During the 4th week a temporary advance of mansoon took place over East Pakistan and caused fairly widespread rain with locally heavy falls.. Rainfall activity subsided towards the end of the month.

Some of the noteworthy rainfall amounts were :—Comilla, Narayanganj and Srimangal 3" each and Noakhali, Brahmanbaria and Dacca 2" each on the 1st ; Noakhali, Comilla 2" each on the 2nd ; Sirajganj 4" and Rangpur 2" on the 3rd ; Bogra 2" on the 8th ; Chittagong 6", Cox's Bazar 5", Comilla 4", Narayanganj, Srimangal and Bogra 3" each on the 21st ; Chittagong 4", Srimangal 3", Comilla, Brahmanbaria, Narayanganj and Jessore 2" each on the 22nd ; Cox's Bazar 2" on the 23rd and Bogra 2" on the 24th.

The total rainfall during the month was normal in eastern sub-division and in moderate defect elsewhere.

The mean maximum and minimum temperature, mean relative humidity and the cloudiness were normal all over the region except in northern sub-division, where the mean maximum temperature was above normal.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for 5 chief divisions and 12 sub-divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent tables.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS, MAY, 1955.

Division.	PRECIPITATION.				DEPARTURE FROM NORMAL OF				
							03 hrs. G.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
	Inches	Inches	Inches		Degree	Degree	Mb.	%	
EAST PAKISTAN	8·23	9·86	−1.63	−17	+1·5	+1·5	+1·0	−1	+0·2
Mean of East Pakistan.	8·23	9·86	−1·63	−17	+1·5	+1·5	+1·0	−1	+0·2
Punjab	1·00	0·61	+0·39	+64	−5·9	−3·2	−1·1	+4	+1·0
N. W. F. P.	1·41	0·73	+0·68	+93	−7·1	−4·0	+0·7	+9	+0·3
Baluchistan	0·80	0·26	+0·54	+208	−2·6	−2·6	−2·2	−5	−0·2
Sind	0·18	0·17	+0·01	+6	−0·5	−2·1	−3·3	−3	−0·1
Mean of West Pakistan excluding Baluchistan. ...	0·78	0·48	+0·30	+63	−4·2	−2·9	−1·6	+2	+0·5
EAST PAKISTAN (East)	11·28	12·09	−0·81	−7	+0·9	+1·7	+1·5	+1	+0·6
East Pakistan (Deltaire)	5·78	8·12	−2·34	−29	+1·6	+1·1	+0·1	−3	−0·2
East Pakistan (North)	5·81	8·03	−2·22	−28	+3·0	+1·5	+1·3	−5	−0·1
Kashmir*									
North Punjab	1·03	0·80	+0·23	+29	−6·5	−2·8	+0·4	+7	+0·9
South Punjab	0·94	0·29	+0·65	+224	−5·2	−3·7	−2·9	−1	+1·1
N. W. F. P. (Upper)	0·94	0·77	+0·17	+22	−5·0	−3·5	+0·9	+9	+0·4
N. W. F. P. (Lower)	1·57	0·71	+0·86	+121	−7·8	−4·3	+0·6	+10	+0·2
Baluchistan (North)	1·06	0·32	+0·74	+231	−4·5	−3·7	−1·3	−3	+0·3
Baluchistan (South)	0·27	0·13	+0·14	+108	+0·3	−0·3	−3·8	−8	−1·0
Sind (Lower)	0·00	0·21	−0·21	−100	+2·4	−1·1	−3·0	−6	−0·7
Sind (Upper)	0·35	0·14	+0·21	+150	−3·5	−3·1	−3·5	−1	+0·5

(*) Data incomplete.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1955.

Division and Station.	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0·5 Mb. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7			10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb	Mb	%	%	oktas	oktas									
EAST PAKISTAN (East)																							
Cox's Bazar	0300	38	1005·5	−0·3	1006·8	85·3	80·5	78·7	33·5	−2·1	81	−3	4·9	−0·5	2	1	3	8	11	2	0	1	3
	1200		1001·8		1003·2	86·3	81·3	79·3	33·9		80		4·3		0	1	0	1	18	3	7	1	0
Chittagong	0300	87	1003·4	−0·8	1006·3	84·4	78·3	75·8	30·0	−0·4	75	−2	5·1	+0·7	2	3	3	12	6	2	1	0	2
	1200		999·6		1002·5	84·9	78·8	76·3	31·1		75		5·7		0	1	1	2	7	15	2	1	2
Noakhali (Maijdee)	0000	25	1001·5		1002·4	79·9	78·1	77·0	31·9		91		5·5		0	0	0	15	0	0	0	0	16
	0300		1004·8	−1·0	1005·6	84·7	79·5	77·3	32·7	+0·9	79	0	3·9	0·0	0	0	0	17	0	0	0	0	14
	1200		999·7		1000·5	86·3	80·2	77·9	32·3		76		3·7		0	0	0	16	1	0	0	0	14
Comilla	0000	29	1000·3		1004·3	78·5	76·9	76·5	3·5		93		4·8		1	0	0	9	9	0	1	0	11
	0300		1005·3	−0·4	1006·3	84·6	79·5	76·4	32·7	−1·7	79	+4	4·8	+1·0	0	2	0	5	14	1	1	3	5
	1200		1001·4		1002·4	87·0	81·5	78·4	34·2		78		3·8		1	2	0	10	15	0	0	1	2
Brahmanbaria	0000	32	1003·4		1004·5	78·8	77·0	76·3	30·8		91		4·2		0	2	3	13	3	2	1	0	7
	0300		1004·9	—	1006·0	84·5	78·8	76·4	31·9	+3·0	77	+2	4·4		0	2	1	7	10	6	2	0	3
	1200		1001·0		1002·1	86·7	79·9	77·1	31·8		72		3·5		0	1	0	2	13	3	0	0	12
Srimangal	0000	69	1002·5		1005·0	74·9	73·8	73·2	28·2		95		4·9		0	0	2	1	2	0	0	0	26
	0300		1004·0	−0·7	1006·4	82·7	78·3	76·4	31·3	+2·4	81	0	5·1	+0·9	0	0	3	9	10	5	0	0	4
	1200		100·2		1002·6	85·7	79·8	77·2	32·3		76		4·4		0	0	2	7	13	4	1	0	4
Mymensingh	0000	62	1002·4		1004·5	77·8	75·8	74·9	29·7		91		5·8		0	1	6	4	0	0	0	0	28
	0300		1003·9	−0·9	1006·0	82·9	77·6	74·9	29·7	+1·1	77	−2	5·8	+0·6	0	0	12	9	3	1	1	0	5
	1200		999·6		1001·7	86·8	79·6	76·5	31·8		72		4·5		0	0	7	7	3	0	1	0	13
Narayanganj	0000	26	1003·9		1004·8	80·2	77·9	76·8	31·1		89		5·1		0	1	6	5	10	2	0	0	7
	0300		1004·9	−0·6	1005·8	85·8	79·6	77·1	32·3	+1·5	76	−1	5·5	+0·7	0	0	4	5	14	3	0	0	5
	1200		1000·9		1001·7	87·2	80·1	77·1	31·8		72		4·5		0	0	2	11	14	0	0	1	3
Dacca (Tejgaon)	0000	27	1002·5		1005·5	78·4	77·0	76·4	30·5		93		5·7		1	0	2	10	8	3	1	0	6
	0300		1004·0		1005·0	84·2	79·2	77·1	31·6	—	79	—	5·8		0	0	5	5	12	5	1	0	3
	1200		1000·0		1010·0	86·3	79·4	76·4	30·7		72		4·9		0	0	3	10	10	1	1	0	6

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0pkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
EAST PAKISTAN (Deltaic)																							
Faridpur	0000	46	1002·2		1003·8	78·6	77·1	76·1	31·5		93		4·5		1	1	0	9	13	0	1	0	6
	0300		1003·9	—0·4	1005·5	85·1	79·6	77·2	31·9	+0·6	77	0	4·6	+0·5	1	0	1	8	18	0	2	0	1
	1200		999·6		1001·2	86·4	78·1	73·9	28·3		67		5·0		0	2	0	5	13	2	0	0	9
Barisal	0000	11	1003·6		1004·0	80·3	78·3	78·2	31·9		91		2·3		0	0	0	3	8	1	0	0	19
	0300		1005·5	—0·3	1005·9	88·1	78·1	77·2	28·2	—4·1	62	—13	4·3	—0·2	0	2	1	5	19	0	1	0	3
	1200		1001·6		1002·2	88·1	82·1	79·3	34·6		76		3·9		0	0	0	12	12	1	1	0	5
Khulna	0000	16	1002·9		1003·5	80·5	78·9	78·5	33·7		93		4·4		1	0	1	6	6	2	0	0	15
	0300		1004·7	—0·5	1005·3	86·8	80·9	78·2	33·4	+1·5	76	+1	4·5	—0·6	0	0	0	10	12	3	0	0	6
	1200		1000·5		1001·1	89·8	81·2	77·5	32·9		68		4·7		0	0	1	9	13	1	0	0	7
Satkhira	0000	16	1002·4		1003·0	80·9	78·7	77·8	32·9		91		4·6		0	0	0	6	(a) 0	9	0	0	15
	0300		1003·9	—0·9	1004·5	88·4	81·0	78·4	32·1	—0·1	71	—3	4·2	+0·2	1	0	0	3	0	20	0	0	7
	1200		1000·2		1000·8	91·3	81·5	78·2	31·6		63		4·0		0	0	0	2	(a) 0	21	0	1	6
Jessore	0000	26	1001·6		1002·5	79·1	77·5	76·7	31·5		93		4·2		1	0	1	3	9	2	0	0	15
	0300		1003·2	—1·6	1004·1	86·5	80·8	78·5	34·2	+2·4	78	+ 1	3·5	—0·8	0	0	2	3	14	10	0	0	2
	1200		999·5		1000·4	90·2	80·3	75·8	30·4		63		4·6		2	0	0	3	17	2	0	0	7
EAST PAKISTAN (North)																							
Pabna	0300					87·1	80·9	79·0	33·4	+2·2	76	—3											
Sirajganj	0000	49	1001·4		1003·1	78·9	76·8	76·1	30·8		91		5·3		1	0	10	12	3	1	0	0	4
	0300		1002·1	—	1003·8	84·2	78·8	76·5	30·8	—	77		4·5	—	2	0	5	15	4	0	0	0	5
	1200		998·7		1000·4	85·4	78·0	74·6	28·8		70		4·1		0	0	9	9	1	1	0	1	10
Bogra	0300	63	1002·5	—1·3	1004·5	83·8	78·1	75·5	30·8	+2·0	77	0	5·1	+0·8	0	0	11	8	5	2	3	0	2
	1200		998·3		1004·3	88·5	79·2	74·6	30·1		65		3·2		0	1	12	4	5	0	1	0	8
Dinajpur	0000	123	999·7		1003·9	76·8	73·7	72·0	27·3		86		3·3		0	11	10	0	0	0	0	0	10
	0300		1000·9	—0·7	1005·0	84·8	76·2	71·9	27·3	—0·3	66	—11	3·3	—1·1	0	8	11	0	0	0	0	0	12
	1200		996·3		1000·4	91·0	78·8	72·5	28·4		57		1·7		0	11	7	4	0	0	0	0	9
Rangpur	0300												4·6		0	11	17	1	0	0	0	0	2
	1200												2·3		0	6	12	0	0	0	0	0	13

(a) Mean for 30 days only.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure.			Mean Temperature of the Air and Humidity.							Total Cloud Amount.		Wind Direction Number of Observations From :—								
			Station level reduced to standard temperature and gravity.	Departure from normal.	Reduced to standard temperature and M.S.L., or nearest Gpkm. level.	Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Mean amount.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
KASHMIR																							
Srinagar (x)	0000	5205																					
	0300																						
	1200																						
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	—																					
	1200																						
Sonamarg (x)	0300	—																					
	1200																						
Dras (x)	0300	10059																					
	1200																						
Kargil (x)	0300	—																					
	1200																						
Leh (x)	0300	11529																					
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	698·8		707·7	39·0	33·7	26·8	4·9		61		3·4		0	0	2	0	0	0	3	0	26
	0300		699·7	—	708·4	44·1	36·3	26·1	4·8	—	49	—	3·0	—	0	0	2	0	0	0	2	0	27
	1200		697·1		706·0	54·1	39·7	20·1	3·9		26		4·3		1	0	19	0	0	0	10	0	1
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
Jammu (x)	0000	1200																					
	0300																						
	1200																						

(x) Data not available.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 6pkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
NORTH PUNJAB																							
Lahore (Jail Road)	0000	702	978·7		1003·0	71·9	63·6	57·5	16·4		60		2·5		5	7	1	0	0	0	1	3	14
	0300		980·2	+1·4	1004·1	81·1	67·4	58·4	16·7	+1·2	47	+11	2·7	+1·2	6	9	1	1	1	1	0	5	7
	1200		977·6		1001·0	95·0	71·4	55·6	15·6		28		3·0		2	5	1	1	0	0	6	7	9
Lahore (Cantt) ...	0000	703	978·2		1002·7	72·4	62·8	55·2	15·2		56		2·4		6	5	0	0	1	1	1	4	13
	0300		979·7	—	1003·5	80·7	66·3	56·0	15·3	—	43	—	2·7	—	9	6	1	0	4	1	0	7	3
	1200		977·2		1000·4	94·9	69·3	50·0	12·9		23		3·0		3	7	2	1	0	1	5	12	0
Lahore (Walton)	0000	699	978·6		1002·8	70·9	62·7	56·4	15·8		62		2·2		5	2	1	0	0	0	1	12	10
	0300		980·0	—	1003·8	81·9	65·5	56·6	14·1	—	37	—	2·7	—	5	5	3	1	3	0	0	11	3
	1200		978·2		997·4	95·0	69·7	51·1	13·3		23		3·0		2	2	2	3	0	1	5	15	1
Sialkot	0000	830	974·5		1002·7	75·1	62·3	52·0	13·4		44		2·6		0	3	0	1	0	0	0	5	22
	0300		975·7	+1·0	1003·5	82·3	66·3	54·5	14·8	—0·5	39	+1	2·4	+1·2	0	8	1	0	0	1	0	14	7
	1200		973·9		1001·1	95·2	71·7	56·5	15·9		28		2·6		0	4	0	1	0	4	0	12	10
Jhelum	0000	765	977·3		1003·9	70·9	60·9	52·5	13·7		53		2·4		0	0	0	0	1	1	1	13	15
	0300		978·3	—	1004·4	80·9	64·4	51·2	13·9	—	37	—	2·6	—	1	2	1	3	2	0	2	12	8
	1200		975·7		1000·9	94·3	68·0	46·9	12·7		20		3·4		0	0	2	7	3	2	2	4	11
Chakiala	0000	1667	947·8		891·7	66·6	58·4	53·1	13·4		61		3·3		3	4	2	0	0	0	4	2	16
	0300		948·7	—	894·2	77·7	62·9	52·3	13·1	—	41	—	2·7	—	3	5	1	0	2	1	3	1	15
	1200		946·7		893·1	89·5	65·3	46·6	11·5		24		4·3		0	1	1	1	3	4	14	4	3
Rawalpindi	0000	1676	947·0		891·7	68·9	59·6	52·4	13·6		56		2·1		0	0	0	0	0	0	3	0	28
	0300		950·3	+2·8	895·1	78·8	64·1	53·4	14·5	+0·3	42	+9	1·9	+0·2	1	1	0	0	1	0	0	0	28
	1200		946·1		892·3	89·8	65·6	47·1	11·8		25		3·3		1	0	0	0	2	(a) 1	3	0	23
Murree	0000	7113	781·6		797·5	53·4	45·7	37·5	7·4		55		3·6		0	13	3	6	0	1	0	6	2
	0300		782·7	—0·7	798·3	59·3	48·6	38·1	7·4	—1·1	45	+4	3·1	+1·1	2	4	9	5	2	0	2	3	4
	1200		782·3		797·8	62·4	51·2	41·1	8·3		45		5·7		0	5	6	7	1	3	3	3	3
Campbellpur	0300	1175	965·8	—	1005·8	78·4	64·4	52·9	14·4	—	43	—	2·1	—	6	1	1	0	2	0	0	1	20
	1200		963·9		1002·9	90·8	68·1	49·1	13·1		27		2·9		16	2	1	2	0	0	1	2	7
Khushab	0000	616	982·2		1003·5	72·6	62·2	53·9	14·4		53		2·0		6	8	3	1	1	3	3	2	4
	0300		983·4	+1·2	1004·4	82·5	65·4	51·8	13·7	—1·0	37	+3	2·2	+0·9	3	7	7	2	1	2	3	2	4
	1200		980·7		1001·3	94·8	68·4	48·0	11·8		21		2·5		2	5	2	4	3	3	4	6	2
Sargodha (†)	0300	—																					
	1200																						
Lyallpur	0000	605	981·6		1006·0	72·1	64·0	58·7	16·5		62		3·7		6	5	5	0	2	1	0	3	9
	0300		983·4	+1·3	1004·2	79·5	67·1	58·8	16·6	+2·2	49	+13	2·8	+0·9	4	4	2	2	1	1	0	4	13
	1200		981·2		1001·3	92·1	72·0	58·9	17·7		34		2·9		5	1	3	1	2	1	1	4	13

† Observatory remain closed. (a) Mean for 30 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest GPKm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
SOUTH PUNJAB.																							
Leiah (+)	0300	490																					
	1200																						
Montgomery	0000	558	983·6		1002·9	72·6	64·5	58·6	17·1		63		2·3		3	2	4	1	0	1	1	1	18
	0300		985·0	+1·5	1004·1	80·8	68·2	60·0	17·8	—3·3	50	0	2·3	+1·4	1	4	7	7	1	1	5	2	3
	1200		982·6		1001·1	95·8	72·8	58·6	17·1		30		2·3		2	3	3	6	1	1	4	5	6
Multan	0300	413	990·4	+1·9	1004·2	80·2	65·9	54·5	14·9	—5·2	43	—4	1·7	+0·9	0	3	1	4	5	5	1	8	4
	1200		987·1		1000·9	97·3	69·5	47·4	11·9		19		2·4		5	3	0	3	4	3	0	6	7
Khanpur (P.B.O.)	0000	290	992·5		1002·7	73·2	63·5	55·8	15·6		56		0·8		7	6	0	0	1	2	1	0	14
	0300		993·7	—	1003·6	82·8	67·4	56·5	16·0	—	41	—	1·0	—	6	9	2	1	2	3	1	0	7
	1200		990·3		999·8	99·8	70·9	49·9	12·7		19		1·1		6	5	1	1	1	4	5	3	5
Khanpur	0300	297	993·6	+0·6	1003·7	84·0	69·6	60·5	18·2	+0·1	45	+2	1·7	+1·1	7	5	2	0	2	5	2	0	8
	1200		989·3		999·1	102·2	73·9	55·8	15·8		22		1·4		0	7	2	1	0	4	0	2	15
Bahawalpur	0300	384	991·3	+2·2	1003·9	82·1	68·2	58·9	17·1	—3·4	46	0	1·9	+0·8	1	2	1	0	1	1	0	2	23
	1200		987·7		1000·4	97·6	75·4	61·9	20·0		33		1·3		0	2	0	0	0	6	1	1	21
Fort Abbas	0000	475	986·0		1002·4	75·8	62·7	54·0	13·6		45		1·6		1	8	7	3	3	2	3	3	1
	0300		988·0	—	1004·0	90·7	67·7	53·0	12·8	—	26	—	1·0	—	3	6	7	4	5	3	3	0	0
	1200		984·3		1000·0	99·9	70·1	50·8	11·6		17		0·9		6	5	0	0	0	1	8	11	0
N. W. F. P. (Upper)																							
Drosh	0000	4806	852·1		899·9	56·7	50·1	43·3	9·7		57		3·0		0	0	0	1	0	0	0	0	30
	0300		852·6	+0·3	900·1	61·5	53·4	45·5	10·7	—0·4	57	0	3·5	+1·5	0	1	0	1	0	1	0	0	28
	1200		850·2		896·6	71·0	56·6	44·0	9·8		38		6·0		1	4	1	0	0	8	1	0	16
Chakdara	0000	2197	930·7		894·1	64·7	56·2	50·5	12·0		58		2·6		9	6	0	0	0	0	0	3	13
	0300		932·6	—	896·3	70·5	59·0	51·0	12·4	—	49	—	2·7	—	11	4	1	1	0	1	0	10	3
	1200		931·0		895·8	86·3	62·2	42·8	9·4		22		4·6		1	6	0	2	8	4	1	4	5
Peshawar	0000	1155	964·7		1004·5	68·4	60·8	54·9	14·9		63		3·1		0	0	2	8	3	9	0	5	4
	0300		965·8	+1·1	1005·0	78·8	65·1	56·3	15·0	+0·9	45	+9	2·9	+0·4	3	0	0	6	7	2	2	2	9
	1200		963·2		1001·6	88·6	68·2	55·2	14·3		31		5·2		1	4	4	4	0	7	4	7	0
Risalpur	0000	993	970·7		1005·3	67·6	60·1	53·5	14·4		63		2·3		5	1	0	1	0	2	6	5	11
	0300		971·9	—	1005·9	77·0	63·9	53·2	14·4	—	26	—	2·7	—	0	1	1	1	0	4	17	4	3
	1200		968·7		1001·8	90·7	66·6	46·1	11·4		24		4·3		3	1	1	4	2	1	11	5	3

Observatory remain closed.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
N. W. F. P. (Upper)—Contd.																							
Haripur (Hazra) *	0300	1737																					
	1200																						
Kakul	0000	4214	868·0		897·7	60·2	53·2	46·5	11·3		70		2·7		7	5	1	1	0	0	0	17	0
	0300		865·6	—	897·9	66·3	57·3	49·6	12·5	—	56	—	2·7	—	4	1	5	1	0	1	0	19	0
	1200		867·6		895·9	73·7	60·4	50·2	12·1		44		6·0		0	8	7	2	1	6	4	3	0
Cherat	0000	4272	865·5		896·5	63·8	53·2	43·6	9·6		48		4·0		13	0	0	0	1	0	0	12	5
	0300		867·2	+1·0	897·9	66·5	54·1	42·6	9·3	—0·9	42	+1	3·2	+1·5	13	0	0	2	2	1	0	12	1
	1200		865·2		895·6	74·4	56·9	39·0	8·7		29		5·1		11	1	0	3	3	1	0	11	1
Landikotal	0000	3503	888·7		895·7	61·2	53·4	46·0	10·8		57		2·4		1	0	0	0	0	0	5	5	20
	0300		890·1	—	897·0	65·7	56·6	49·9	12·0	—	56	—	2·6	—	1	0	0	3	1	0	8	5	13
	1200		888·3		895·1	76·6	59·4	46·8	10·4		34		4·4		5	1	0	7	4	1	5	8	0
N. W. F. P. (Lower)																							
Kohat	0000	1667	949·2		893·6	71·8	59·2	48·6	12·1		45		2·5		3	1	0	0	0	0	3	18	6
	0300		950·3	—	895·3	77·7	62·3	50·0	12·9	—	40	—	2·5	—	2	2	0	1	1	0	0	14	11
	1200		947·9		894·0	86·6	63·5	45·0	10·6		25		5·2		1	8	3	4	3	2	3	6	1
Parachinar	0000	5673	824·3		797·1	53·5	47·7	41·6	9·1		66		2·4		13	1	0	0	0	0	1	2	14
	0300		824·9	+0·6	798·2	61·8	51·7	42·7	8·8	—1·0	51	+5	2·0	+0·2	1	0	0	1	3	0	2	0	24
	1200		824·3		797·6	67·7	54·3	42·8	8·6		41		6·0		2	6	0	17	0	1	0	2	3
Miranshah	0000	3026	904·6		896·5	73·2	63·6	57·0	16·2		58		1·4		0	1	0	11	4	5	0	0	10
	0300		904·9	—	896·8	73·6	63·2	57·2	15·6	+2·7	55	+15	1·9	+0·9	0	1	0	2	0	2	2	1	23
	1200		902·7		894·8	82·2	68·9	50·0	12·9		33		5·1		0	9	5	6	0	4	1	3	3
Bannu	0000	1263	960·6		1003·7	69·5	61·0	54·0	14·5		59		1·5		3	1	1	2	2	2	11	8	1
	0300		961·9	—	1004·7	79·5	65·0	53·9	14·5	+0·1	41	+2	0·7	—0·3	4	2	1	2	2	1	10	7	2
	1200		959·6		1001·6	89·3	66·8	49·8	12·3		26		3·2		3	4	11	5	4	0	3	1	0
Wana	0300	4503	*		*	*	*	*	*		*		0·0	—1·5	0	0	0	0	0	0	0	0	31
	1200		*		*	*	*	*	*		*		0·8		0	0	0	0	0	0	0	0	31
D. I. Khan	0000	570	984·1		1004·5	72·3	63·9	57·3	16·5		60		1·3		0	0	0	0	0	0	0	1	30
	0300		985·0	+1·4	1004·5	76·3	66·9	60·7	18·3	—0·9	59	+12	1·0	0·0	0	2	0	1	0	1	0	0	27
	1200		983·3		1003·0	94·4	71·5	56·2	16·0		56		2·5		0	3	0	1	0	2	0	0	25

* Data rejected.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
BALUCHISTAN (North)																							
Fort Sandeman...	0300	4614	857·3	+0·9	898·3	68·5	55·5	42·3	10·1	+1·0	42	−12	1·5	+0·3	0	3	2	1	0	9	5	2	9
	1200		854·9		894·8	80·1	57·5	31·2	7·1		20		4·8		2	3	3	6	2	8	3	3	1
Hindubagh	0000	5909	817·1		797·8	55·0	50·2	44·0	10·6		70		1·2		0	0	0	0	0	6	16	4	5
	0300		818·2	—	799·1	64·7	55·4	48·5	11·6	—	54	—	1·9	—	1	0	3	0	1	14	4	5	3
	1200		815·8		797·3	77·4	62·0	50·7	13·4		39		4·3		1	0	3	0	1	11	12	3	0
Loralai	0000	4699	851·7		896·0	58·9	50·4	40·1	9·1		53		0·7		0	0	0	0	2	1	1	0	27
	0300		852·8	—	896·6	68·9	56·5	45·0	10·7	—	44	—	1·5	—	2	0	1	0	1	0	7	1	19
	1200		850·1		892·4	79·5	61·1	44·3	10·8		32		4·4		0	0	1	0	9	9	1	3	8
Sibi	0000	441	988·2		1003·1	78·6	63·6	50·3	13·2		40		0·8		0	1	0	0	0	1	0	1	28
	0300		989·6	+2·3	1004·6	85·2	66·7	51·9	14·0	+1·4	34	+6	1·5	+0·5	0	0	0	0	0	1	0	4	26
	1200		985·7		1000·2	101·1	72·2	50·1	13·9		20		1·9		0	3	0	5	0	19	0	3	1
Quetta (Samungli)	0000	5253	837·2		798·1	53·9	48·8	44·6	10·1		71		1·6		0	1	7	15	3	2	1	1	1
	0300		838·1	—	799·8	65·4	56·5	50·6	12·4	—	57	—	1·9	—	0	1	9	7	3	0	1	3	7
	1200		836·0		798·8	79·9	64·9	55·6	15·7		45		3·3		0	0	1	1	1	3	15	10	0
Quetta	0300	5490	829·2	−2·3	798·2	64·7	59·0	53·3	15·4	+2·9	72	+18	1·7	+0·7	0	0	0	0	4	1	0	0	26
	1200		827·0		796·7	77·5	56·0	35·6	7·5		23		2·9		3	0	0	0	5	5	6	11	1
Chaman	0000	4311	863·9		895·3	65·1	52·8	39·6	8·6		41		2·0		0	1	12	13	2	0	0	1	2
	0300		865·1	−1·3	896·6	72·7	57·0	41·3	9·4	−0·1	34	+1	2·4	+1·4	1	2	4	2	8	7	3	0	4
	1200		862·5		893·1	84·4	61·4	41·6	9·2		23		3·0		3	1	1	0	0	5	14	7	0
Kalat	0000	6616	797·3		799·0	51·8	41·5	29·3	5·3		40		0·0		0	1	1	2	18	0	1	3	5
	0300		798·5	−0·4	800·1	63·3	49·2	33·5	6·9	−3·7	35	−9	0·4	−0·4	1	0	0	2	14	2	2	3	7
	1200		796·9		798·5	73·7	51·2	25·8	4·9		17		0·2		4	0	1	0	1	2	8	14	1
Nushki *	0000	3416																					
	0300																						
	1200																						
Dalbandin	0000	2785	911·8		895·8	69·2	52·8	35·1	7·0		28		1·0		1	5	1	1	0	2	2	8	11
	0300		912·8	−0·6	897·0	75·8	56·4	37·1	7·7	−2·7	25	−7	1·5	+0·6	0	8	0	0	0	1	3	7	12
	1200		909·6		894·4	94·7	63·9	37·0	7·8		14		3·5		2	2	2	1	0	9	4	7	4
Nokkundi	0000	2229	929·4		895·5	74·5	57·6	41·0	9·4		31		0·1		7	2	0	1	0	0	1	15	5
	0300		930·9	—	897·4	81·2	58·4	35·8	7·5	−8·0	20	−20	0·2	−0·8	2	3	0	1	0	2	1	20	2
	1200		927·8		895·3	96·3	64·9	36·7	8·2		14		0·0		4	1	1	1	1	2	2	19	0

(*) Data rejected.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0·1mm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
BALUCHISTAN (South)																							
Panjgur	0000	3177	899·9		896·2	74·5	58·0	42·0	9·7		33		0·0		8	0	0	0	0	0	4	0	19
	0300		901·3	+0·3	897·9	75·3	57·1	40·0	8·7	—6·9	29	—25	0·0	—0·6	2	2	3	0	0	0	2	6	16
	1200		899·0		895·7	91·9	61·4	31·3	6·3		12		0·0		1	1	0	0	0	6	3	19	1
Turbat	0000	510	987·3		1004·7	79·5	68·7	61·3	19·1		55		0·0		0	7	0	2	1	4	0	1	16
	0300		988·8	—	1006·0	88·0	72·7	61·8	20·7	—	45	—	0·0	—	0	8	0	3	0	5	0	2	13
	1200		984·1		1000·6	106·2	78·6	62·4	21·0		27		1·2		1	4	1	1	0	17	2	3	2
Jiwani	0000	185	997·1		1003·1	79·2	74·2	71·3	26·2		73		0·3		1	1	2	3	0	7	8	3	6
	0300		998·6	—	1004·7	81·9	75·1	72·0	26·0	—	71	—	0·7	—	4	0	3	3	2	4	12	2	1
	1200		996·5		1002·5	90·4	75·9	67·1	24·0		49		0·3		0	0	0	1	8	17	5	0	0
Pasni	0000	28	1002·4		1003·6	77·5	73·0	70·5	25·2		79		0·0		1	0	1	0	0	0	7	2	20
	0300		1003·5	—1·1	1004·7	77·7	72·7	68·2	25·5	—3·8	78	—3	0·0	—1·7	1	1	4	3	1	2	9	8	3
	1200		1000·9		1002·1	94·3	79·8	70·1	27·8		51		0·0		1	0	0	2	3	20	5	0	0
Ormara	0000	15	1002·0		1002·5	82·6	78·9	77·1	32·8		85		0·2		0	0	0	0	1	11	12	0	7
	0300		1003·4	—	1003·9	85·4	80·8	79·0	33·5	+2·9	81	—2	0·7	—1·3	0	1	3	0	0	12	12	0	3
	1200		1000·5		1001·0	91·7	84·9	82·1	37·9		74		0·0		0	0	0	0	5	13	13	0	0
Las Bela	0000	292	992·9		1003·1	74·4	64·8	57·6	16·4		57		0·5		0	1	2	1	0	1	1	1	24
	0300		994·0	—1·0	1004·0	83·8	72·5	64·9	22·1	—7·5	55	—20	1·0	—0·4	4	2	1	3	7	4	2	8	0
	1200		989·7		999·3	103·1	78·7	64·1	22·1		31		1·5		2	1	2	3	11	8	3	1	0
SIND (Lower).																							
Karachi (Manora)	0000	13	1002·4		1002·8																		
	0300		1005·7	+0·7	1006·1																		
	1200		1001·9																				
Karachi (Air Port)	0000	73	1000·4		1002·9	79·1	74·2	71·3	26·6		78		1·2		1	0	0	0	0	8	6	1	15
	0300		1002·1	—	1004·6	83·2	75·4	71·1	26·7	—	68	—	2·5	—	0	1	0	0	0	7	9	3	11
	1200		999·3		1001·8	93·3	76·5	66·0	23·7		45		0·9		0	1	0	0	1	20	9	0	0
Badin	0000	31	1001·7		1002·8	77·5	70·7	66·2	21·9		69		0·1		3	0	0	0	0	13	9	1	5
	0300		1003·0	—0·2	1004·1	83·0	74·0	68·2	24·6	—3·9	64	—6	0·0	—1·2	1	0	0	0	0	10	13	3	4
	1200		999·7		1000·7	103·6	76·2	59·9	18·4		26		0·2		8	0	0	0	1	6	13	2	1
Umarkot	0000	55	1000·2		1002·1	77·6	70·2	65·4	22·1		67		1·2		0	0	1	0	10	6	0	0	14
	0300		1000·4	—	1002·2	85·5	74·8	69·1	24·4	—	59	—	0·5	—	0	1	0	0	1	17	0	3	9
	1200		996·7		998·5	105·8	80·9	68·5	24·7		31		0·5		0	1	0	0	1	17	4	4	4
Chhor	0000	19	1001·3		1002·0	76·2	68·3	62·7	19·8		64		1·1		0	1	1	0	3	13	0	0	13
	0300		1003·0	—	1003·7	83·5	71·7	64·0	20·5	—	53	—	1·5	—	1	0	0	0	3	15	1	0	11
	1200		998·8		999·4	104·7	73·8	52·2	14·6		19		0·7		0	1	0	1	1	22	5	1	0
Hyderabad	0000	98	998·6		1001·9	79·1	69·9	63·3	21·8		62		0·2		3	0	0	0	0	22	0	1	5
	0300		1000·4	—0·1	1003·6	84·3	72·3	64·7	21·4	—2·1	53	—6	0·3	—0·2	2	1	0	0	0	19	0	2	7
	1200		997·1		1000·3	103·7	75·1	57·2	17·2		23		0·8		1	5	0	0	0	19	0	0	6

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1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas.	oktas.									
SIND (Upper)																							
Pad Idan	0000	153	996·2		1001·4	76·6	64·1	54·1	15·1		47		0·4		3	4	0	10	2	1	2	3	6
	0300		998·1	—	1003·3	86·1	68·2	54·5	15·3	—	36	—	0·5	—	2	5	2	9	1	4	3	3	2
	1200		994·4		999·5	104·7	70·6	43·1	10·5		14		1·2		4	3	2	1	2	6	4	9	0
Nawabshah	0000	124	997·7		1002·0	76·0	66·2	59·1	17·3		57		0·4		0	1	0	1	6	0	1	0	22
	0300		999·8	—	1003·9	84·3	70·4	61·3	18·7	—	47	—	0·4	—	5	1	1	0	11	1	1	3	8
	1200		996·6		1000·8	105·7	74·6	54·5	15·6		20		1·3		3	0	1	0	4	2	2	3	16
Sukkur	0300	221	995·6	+0·5	1003·2	79·9	68·5	61·1	18·6	—2·3	53	0	0·9	+0·5	4	7	1	8	5	0	0	1	5
	1200		992·0		999·2	103·2	73·9	55·1	14·8		21		1·0										
Jacobabad	0000	183	995·8		1002·5	79·6	66·7	57·1	16·7		48		0·9		3	1	12	4	2	2	0	3	4
	0300		997·4	+1·1	1003·8	85·3	70·6	61·0	18·9	—4·8	46	—1	(a) 1·1	+0·6	1	3	13	3	2	1	2	4	2
	1200		993·8		999·9	103·3	76·5	59·8	18·4		26		(b) 1·2		2	1	2	9	5	4	3	4	1
Reti *	0000	280																					
	0300																						
	1200																						
Junagarh (Veraval)	0000 (a)	26	—		1004·6	78·9	76·0	74·6	29·3		87		1·5		2	0	0	0	1	4	18	5	(a) 0
	0300 (c)		—		1006·3 (c)	86·0 (a)	80·0 (d)	76·8 (d)	25·7 (d)		76 (d)	—	2·4 (d)		3	0	0	0	0	5	12	6	(c) 2
	1200		—		1003·3	85·0	81·0	78·6	34·3		85		1·9		1	0	0	0	2	2	20	2	(d) 3
ARABIA																							
Muscat	0300	20	1004·9	—	1005·4	88·1	79·9	75·0	31·8	—	69	—	0·5	—0·1	0	2	5	15	0	0	0	0	9
	1200		1000·2		1000·7	89·8	81·4	77·1	32·9		68		0·4		0	12	1	16	0	0	0	0	2
Kuwait (†)	0500	16																					
	1200																						
AFGHANISTAN																							
Jalalabad (R)	0300	1950																					
	1200																						
Kabul	0300	5955	818·2	—	800·2	56·7	49·0	42·4	9·1	+0·2	59	+12	3·3	+1·5	1	0	1	1	7	10	7	4	0
	1200		817·1		799·5	67·9	52·8	39·4	8·3		36		5·1		11	12	3	0	1	1	0	2	1
Kandahar *	0300	3462																					
	1200																						

(*) Data selected. (x) Data not available (†) Observatory remained closed. (R) Register not received (a) Mean of 30 days. (b) Mean of 29 days (c) Mean of 28 days. (d) Mean of 27 days. (e) Mean of 26 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MAY, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10″ or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (East).																					
Cox's Bazar.	91·0	+2·2	95	5,18,19	76·8	+0·9	67	1,2	15·75	+3·01	5·90	22	7	—3·5	4·5	+0·9	4	0	0	0	0
Chittagong	90·2	+1·3	97	17	77·4	+1·9	67	2	12·75	+2·33	5·81	21	6	—4·8	5·3	—1·1	2	0	0	0	0
Noakhali (Maijdee)	90·3	+1·2	96	17	78·1	+0·5	67	2,3	10·10	—1·35	2·47	22	10	—0·5	x	—	0	0	0	0	0
Comilla	91·6	+0·5	98	17	77·0	+2·1	65	1,2	12·05	—0·34	3·70	21	10	—1·8	(d) 5·4	+1·0	0	2	0	0	0
Brahmanbaria...	90·5	—1·5	96	17,18	76·5	+3·7	65	1	8·84	—2·95	2·20	1	10	—1·7	3·3	—	2	0	0	0	0
Srimangal	91·1	0·0	97	15,16,17	73·8	+1·6	64	1	13·53	—2·26	3·02	1	13	—2·3	2·3	—1·0	13	0	0	0	0
Mymensingh	91·6	+2·3	98	6,19	75·4	+1·2	66	1,3	3·76	—8·70	1·31	3	7	—6·0	3·5	+1·2	8	0	0	0	0
Narayanganj	92·0	+0·9	98	15	77·4	+1·6	67	1,3	13·48	+3·84	3·40	1	10	—1·0	3·6	—0·3	0	0	0	0	0
Dacca (Tejgaon)	94·1	—	98	15	76·3	—	66	1,2,3	9·07	—	2·12	1	11	—	(h) 6·6	—	12	0	0	0	0
EAST PAKISTAN (Deltaic)																					
Faridpur	91·0	—0·7	98	17	75·2	+0·3	65	2	8·48	—1·14	1·14	21,22	12	+1·0	7·0	+0·6	9	0	0	0	0
Barisal	93·5	+1·8	99	14,16,17	78·1	+1·2	70	4	7·19	—1·06	1·60	22	8	—1·6	x	—	2	0	0	0	0
Khulna	94·6	+1·7	100	14,15,20	x				5·41	—2·34	1·70	23	6	—3·7	4·4	+0·2	1	0	0	0	0
Satkhira	97·4	+2·0	106	16	78·6	+1·2	68	3,4	2·83	—4·04	0·59	3,4	6	—2·2	(b) 3·6	+0·2	0	0	0	0	0
Jessore	96·9	+3·0	105	16	77·6	+1·8	67	3,4	4·98	—3·14	2·31	22	7	—2·1	x	—	0	0	0	0	0
EAST PAKISTAN (North)																					
Pabna	99·2	+4·4	104	16,17	76·6	+2·2	67	10	x	—	—	—	x	—	x	—	—	—	—	—	—
Sirajganj	92·3		103	15	76·0		66	1,3	9·95	+1·87	4·10	3	9	—1·5	x	—	10	0	0	1	0
Rajshahi									(a) 3·17		1·29	26	5								
Bogra	93·7	+1·3	105	15,16	76·0	+1·7	65	24	8·18	—0·22	3·44	21	6	—3·6	3·1	+0·7	11	0	0	0	0
Dinajpur	95·0	+3·2	104	16,30	74·7	+0·5	63	1	2·88	—4·46	1·25	3	4	—4·7	3·2	+0·2	7	0	0	0	0
Rangpur ...									4·85	—5·98	2·00	3	6	—5·5							

(x) Data not available. (a) Mean of 30 days. (b) Mean of 29 days. (d) Mean of 27 days. (h) Mean of 23 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MAY, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh x)																					
Skar du x																					
Misgar*	*		*		*		*		0·21	—	0.06	5,6	0	—	3·4	—	0	0	0	0	0
Gilgit x																					
Jammu x																					
NORTH PUNJAB ...																					
Lahore (Jail Road)	97·0	—6·7	108	31	70·7	—1·5	59	11	0·47	—0·12	0·22	26	2	+0·7	2·8	+0·8	5	0	0	0	0
Lahore (Cantt)	95·5	—	108	31	69·7	—	55	17	0·33	—	0·10	7,26	1	—	4·4	—	6	0	0	0	0
Lahore (Walton)	96·5	—	110	31	69·8	—	59	11,12	0·41	—	0·22	26	2	—	6·5	—	3	0	0	0	0
Sialkot	95·5	—6·7	108	31	73·7	—0·6	61	12	0·81	—0·18	0·49	26	3	+1·0	3·0	+1·0	0	0	0	0	0
Jhelum	95·9	—	100	31	69·3	—	60	11,12	0·72	—	0·31	26	3	—	3·3	—	5	0	0	0	5
Chaklala	91·1	—	104	31	64·1	—	54	28	1·39	—	0·30	6	5	—	6·5	—	5	0	0	0	4
Rawalpindi	92·7	—5·0	105	31	65·1	—3·6	57	11	1·57	+0·32	0·40	10	5	+2·5	2·0	—0·3	3	0	0	0	0
Murree	67·4	—7·7	78	31	51·4	—4·2	38	10	3·43	+0·81	1·13	10	8	+3·2	7·8	+3·3	10	1	2	0	0
Campbellpur	90·2	—	105	31	66·9	—	54	10,11	1·63	—	10·1	26	3	—	3·6	—	0	0	0	0	0
Khushab	96·8	—6·9	110	31	71·3	—5·0	58	11	0·98	+0·22	0·42	6	4	+2·4	4·4	—0·4	8	0	0	0	2
Sargodha †																					
Lyallpur	95·2	—7·2	108	31	70·7	—3·2	56	9	1·31	+0·88	0·88	9	4	+2·8	2·7	+0·3	5	1	0	0	3

(*) Data not rejected. (†) Observatory remain closed. (*) Data not available.

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Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SOUTH PUNJAB																					
Leiah †																					
Montgomery	97·2	—8·2	111	31	71·1	—5·8	63	11,12,27	0·91	+0·55	0·77	7	1	—0·1	1·9	—1·8	4	0	0	0	1
Multan	99·2	—5·6	113	31	72·4	—5·0	63	9	1·90	+1·57	1·15	7	3	+2·3	3·1	+1·3	0	0	0	0	0
Khanpur (P. B. O.)	102·4	—	111	31	71·3	—	57	21	0·79	—	0·45	24	2	—	6·3	—	2	0	0	0	16
Khanpur	103·4	—5·2	113	31	73·2	—3·1	62	7	0·00	—0·17	0·00	0	0	—0·4	4·7	—0·2	2	0	0	0	2
Bahawalpur	104·5	—1·7	112	31	75·2	—0·7	66	11,12	x	x	x	x	x	x	1·0	—2·1	*	*	*	*	*
Fort Abbas	104·8	—	114	31	74·5	—	62	11	0·37	—	0·27	25	2	—	6·6	—	0	0	0	0	0
N. W. F. P. (Upper)																					
Drosh	78·8	—2·7	93	30,31	54·9	—4·1	45	10	3·89	+1·98	0·86	5	9	+4·5	1·2	—1·9	8	1	0	0	0
Chakdara	88·1	—	99	31	62·1	—	56	8,11	3·89	—	2·32	26	6	—	3·5	—	2	3	0	0	0
Peshawar	92·0	—5·0	104	31	66·9	—3·5	59	12	0·94	+0·17	0·56	26	1	—1·0	4·5	+2·2	15	2	0	0	0
Risalpur	94·8	—	107	31	65·9	—	60	10,11	1·06	—	0·76	26	1	—	4·4	—	7	0	0	0	4
Haripur (Hazara).*																					
Kakul	79·2	—	90	31	58·6	—	49	11	3·65	—	1·46	10	8	—	x	—	9	0	0	0	0
Cherat	79·6	—5·7	92	31	59·9	—6·5	45	11	6·57	+4·92	3·57	26	8	+5·3	7·9	+1·0	10	2	1	0	0
Landi Kotal	81·6	—	96	31	59·1	—	47	12	2·49	—	1·10	26	5	—	2·7	—	4	0	0	0	0
N. W. F. P. (Lower)																					
Kohat	91·9	—	105	31	69·3	—	58	9	1·53	—	0·34	16	4	—	5·2	—	15	1	0	0	0
Parachinar	74·1	—5·4	85	31	52·5	—3·1	49	2	5·94	+3·63	1·20	26	14	+7·3	2·9	+0·3	5	1	0	0	0
Miranshah	84·6	—8·3	98	31	64·3	—5·1	53	10,11	2·17	+1·03	0·35	5	7	+4·6	4·1	—0·6	1	0	0	0	0
Bannu	91·9	—7·9	103	31	68·1	—3·4	57	10	0·73	+0·12	0·18	10	5	+3·5	3·3	—	0	0	0	0	0
Wana	*		*		*		*		3·10	+2·28	0·60	5,6	7	+4·7	0·8	—	0	0	0	0	0
D. I. Khan	96·4	—7·1	111	31	*		*		2·22	+1·83	0·80	7	4	+3·0	*		0	0	0	0	0

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	Mean.	Departure from normal.	Highest	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN (North)																					
Fort Sandeman	83·7	—6·8	95	31	58·6	—5·3	49	11	3·21	+2·30	1·61	7	6	+3·9	4·0	+1·2	2	1	0	0	1
Hindubagh	79·9	—	88	31	53·5	—	46	10,13	1·40	—	0·54	9	6	—	6·6	—	5	0	0	0	0
Loralai	80·5	—	92	31	56·5	—	47	10,11	3·05	+2·45	1·57	9	2	+0·7	3·6	—	2	0	0	0	0
Sibi	103·7	—5·5	115	31	76·5	—4·8	66	10	0·61	+0·47	0·45	9	2	+1·5	x	—	0	0	0	0	0
Harnai									1·18	+0·68	0·60	7	3	+2·1							
Quetta (Samungli)	82·7	—	89	24,30	48·5	—	39	16	0·34	—	0·12	5	2	—	6·9	—	8	1	0	0	0
Quetta	80·6	—	88	24	51·1	—	42	12	0·55	—	0·20	9	2	—	4·9	+2·5	4	2	0	0	0
Chaman	89·1	—1·3	94	4	59·5	—5·6	53	10,11	0·22	+0·09	0·12	4	1	+0·6	6·6	+1·6	0	0	0	0	0
Kalat	77·3	—5·7	85	24	48·2	—3·8	39	11	0·10	—0·10	0·10	6	1	+0·3	6·0	+1·2	0	0	0	0	0
Nushki	95·4	—	102	24	*	—	—	—	0·00	—	0·00	—	0	—	6·9	—	0	0	0	0	0
Dalbandin	96·8	—3·5	105	23	65·6	—0·4	54	12	0·02	—0·05	0·02	3	0	—0·2	5·8	+1·4	2	0	0	3	2
Nokkundi	98·4	—4·0	106	23	72·0	—2·5	61	11	0·10	+0·08	0·10	5	1	+1·0	7·7	—0·3	0	0	0	0	0
BALUCHISTAN (South)																					
Punjgur	93·8	—4·1	100	23,24	64·6	—3·6	55	13	0·00	—0·11	0·00	—	0	—0·3	4·0	—0·5	0	0	0	0	0
Turbat	109·4	—	117	23	78·3	—	69	26	2·65	—	1·85	26	2	—	x	—	3	0	0	0	0
Jiwani	94·1	—	106	20,21,22	74·3	—	71	11,12,13	0·00	—	0·00	—	0	—	8·8	—	2	0	1	0	0
Pasni	96·5	+2·2	113	20,21	75·5	+1·3	68	14	0·00	—0·01	0·00	—	0	0·0	10·5	+3·4	0	0	0	0	0
Ormara	94·4	+1·7	111	21	80·8	+1·3	76	12	0·00	0·00	0·00	—	0	0·0	12·1	+1·5	0	0	1	4	5
Las Bela	107·4	+1·4	118	23	*	—	—	—	1·08	+0·66	0·40	25	4	+3·1	3·1	+0·1	1	0	0	0	0

(*) Data rejected. (x) Data not available.

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Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SIND (Lower)																					
Karachi (Manora)(R)																					
Karachi (Airport)	98·3	—	114	19	77·5	—	69	13	0·00	—	0·00	—	0	—	8·1	—	0	0	0	1	0
Badin	108·7	+4·8	118	20	76·3	—2·0	69	17	0·00	—0·22	0·00	—	0	—0·2	6·0	—	0	0	0	2	0
Umarkot	108·8	—	116	19,22	76·1	—	72	11,13	0·00	—	0·00	—	0	—	6·2	—	0	0	0	9	1
Chhor	107·0	—	113	5 days	74·3	—	66	23	0·00	—	0·00	—	0	—	5·5	—	1	0	0	1	1
Hyderabad	107·0	0·0	115	23	77·9	—0·3	71	11	0·00	—0·19	0·00	—	0	—0·4	6·9	—0·8	0	0	0	0	1
SIND (Upper)																					
Pad Idan	105·3	—	115	31	74·2	—	66	12	0·00	—	0·00	—	0	—	5·4	—	1	0	0	3	0
Nawabshah	107·3	—	115	23,31	74·0	—	66	13	0·19	—	0·19	26	1	—	5·1	—	1	0	0	0	0
Sukkur	104·2	—3·2	113	31	75·6	—4·0	68	9,10	0·00	—0·14	0·00	—	0	—0·2	3·5	+0·1	0	0	0	10	3
Jacobabad	107·3	—3·8	113	31	77·5	—2·3	70	25	0·71	+0·57	0·65	25	1	+0·6	7·2	+2·9	5	1	0	1	1
Reti *																					
Junagadh (Veraval).	x	—	—	—	(i) 78·1	—	72	7	0·00	—	0·00	—	0	—	x	—	—	—	—	—	—
AFGHANISTAN																					
Jalalabad (R)																					
Kabul	71·4	—6·8	85	31	46·5	—4·6	39	11	2·93	+2·03	1·07	5	7	+4·5	2·9	+0·9	9	2	0	0	0
Kandahar (*)...																					
ARABIA																					
Muscat	95·0	—1·3	106	23	84·8	—0·9	79	11,12,13	0·00	0·00	0·00	—	0	0·0	5·1	+1·9	0	0	0	0	0
Kuwait (†)																					

(†) Observatory remain closed. (x) Data not available. (*) Data rejected. (R) Register not received. (i) Mean of 22 days.

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PAKISTAN WEATHER REVIEW, 1955.

Monthly Weather Report.

June.

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Chief Features : (1) Rain fall was in large defect over West Pakistan

(2) Active monsoon over East Pakistan during the month.

West Pakistan.—Three low pressure waves moved across the extreme north of West Pakistan in quick succession during the first week and caused scattered to local thundershowers with a few duststorms in the North-West Frontier province and the North Panjab. Thereafter two more low pressure waves moved eastwards across West Pakistan between the 8th and 12th accentuating the seasonal low over Baluchistan and upper Sind. As a result steep pressure gradient was established over Lower Sind and parts of Baluchistan causing dustraising winds and duststorms during the period. A few duststorms/thunderstorms were also reported from the North Punjab and the North West Frontier province and light falls of rain from the South Punjab and lower North West Frontier Province on the 11th and 12th.

An active western disturbance moved across the North West Frontier Province and the Punjab between 13th and 14th causing thundershowers over most of West Pakistan locally outside Sind and South Baluchistan. Western disturbances continued to affect the extreme northern parts of West Pakistan all through the 3rd week causing fairly widespread thunderstorms with scattered showers in the North West Frontier Province and the Punjab and North Baluchistan on th 19th and 21st and scattered to local thunderstorms/showers on other days. Dry Weather was reported for three days thereafter. Then a secondary western disturbance induced over the North Punjab on 27th moved away eastwards by the 29th causing local thunderstorm/showers in North Baluchistan, the North West Frontier Province and the North Punjab.

The total rainfall during the month was in large defect except in lower North West Frontier Province where it was normal. Averaged over the region as a whole it was in large defect.

The mean maximum temperature was above normal in north Punjab and mean minimum temperature was above normal in upper North West Frontier Province. These were below normal in North Baluchistan and normal elsewhere in the region. The mean relative humidity was normal over the region except in North Punjab, upper North West Frontier Province and Baluchistan where it was in defect. Cloudiness was normal in upper North West Fronrier Province and in defect elsewhere.

East Pakistan.—Under the influence of three low pressure waves during the first week the monsoon was active there and caused local to fairly widespread rain with a few heavy falls in Eastern subdivision on the 6th and Deltaic sub-division on the 8th. The Monsoon activity generally intensified during the second week and fairly widespread rain was received in the Eastern and Deltaic sub-divisions with local falls in the Northern sub-division during the period.

Conditions became unsettled over northwest angle of Bay on the 15th resulting in marked decrease in rainfall. But the next day the unsettled conditions became unimportant and monsoon activity revived causing fairly widespread rain with locally heavy falls in the northern and eastern sub-divisions between the 18th and 21st. A shallow depression formed in northwest angle of the Bay of Bengal on the 24th; it crossed the coast next moving near Gopalpur and moved away northeastwards. Fairly widespread rain fell in East Pakistan during the period. Monsoon activity slackened slightly in Eastern and Northern Divisions by the end of the month.

Some of the noteworthy rain-fall amounts were :—Rangpur 1½" on the 3rd; Cox's Bazar and Mymensingh 2" each on the 4th; Noakhali 6" on the 8th and 4" on the 9th; Chittagong 6" on the 10th; Mymensingh 7" on the 12th; Dacca 5" on the 14th; Chittagong 5" on the 18th; Rangpur 5" on the 19th; Mymensingh 4" on the 20th; Rangpur 4" on the 23rd; Srimangal 2" on the 25th and Cox's Bazar 4" on the 30th.

The total rainfall during the month was in moderate defect in deltaic sub-division, in slight defect in northern sub-division and normal in eastern sub-division. The mean maximum and minimum temperatures, mean relative humidity and cloudiness were normal over the region.

Table I contains the divisional and sub-divisional means of rainfall, temperature. humidity and cloud for the 5 chief divisions and 12 sub-divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent tables.

GOVERNMENT OF PAKISTAN
PAKISTAN METEOROLOGICAL DEPARTMENT

ERRATA TO MONTHLY WEATHER REPORT FOR JUNE 1955.

S.No.	Page.	Station.	Col. No.	Form.	For	Read.	Remarks.
1.	1	Tor (Line 23)	--	—	Morning	Morning	
2.	6	Chakdara	6	1200	13.5	103.8	
3.	7	Khanpur	16	1200	8	3	
4.	8	Foot Note	—	—	—	Date rejected.	(*)
5.	14	Karachi (Manora)	1	—	(-)	—	
6.	14	Nawabshah	21	—	2	0	
7.	14	Kandahar.	1	—	—	X	

TABLE I.—DIVISIONAL AND SUB-DIVISIONAL MEANS, JUNE, 1955.

Division.	PRECIPITATION.				DEPARTURE FROM NORMAL OF				
							03 hrs. G.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
	Inches	Inches	Inches		Degree	Degree	mb	%	
1. East Pakistan	13·69	15.71	—2·02	—13	+0·8	+0·6	+0·1	—1	+0·7
Mean of East Pakistan	13·69	15·71	—2·02	—13	+0·8	+0·6	+0·1	—1	+0·7
2. Punjab	0·35	1·23	—0·88	—72	+2·6	+0·5	—1·0	—4	—0·5
3. N.W.F.P.	0·50	0·69	—0·19	—28	+1·8	+1·3	—0·8	—3	—0·3
4. Baluchistan	0·03	0·26	—0·23	—88	—1·8	—2·2	—3·3	—8	—0·5
5. Sind	0·02	0·43	—0·41	—95	—0·6	—0·2	—0·1	+2	—0·7
Mean of West Pakistan excluding Baluchistan	0·26	0·86	—0·60	—70	+1·4	+0·4	—0·7	—2	—0·5
SUB-DIVISION									
1. East Pakistan (East)	17·84	19·05	—1·21	—6	+0·5	+0·8	+0·3	0	+0·6
2. East Pakistan (Dsltaic)	9·68	13·14	—3·46	—26	+0·6	—0·3	—0·6	—1	+0·9
3. East Pakistan (North)	11·88	13·60	—1·72	—13	+1·7	+1·3	+0·5	—4	+0·3
4. Kashmir*	...	...	...	...	...	...	...	...	...
5. North Punjab	0·51	1·79	—1·28	—72	+3·7	+0·8	—1·1	—6	—0·5
6. South Punjab	0·15	0·52	—0·37	—71	+1·2	0·0	—0·7	—2	—0·5
7. N. W. F. P. (Upper)	0·00	0·31	—0·31	—100	+1·6	+3·7	—0·7	—6	—0·1
8. N. W. F. P. (Lower)	0·66	0·81	—0·15	—19	+1·9	+0·1	+0·4	—2	—0·3
9. Baluchistan (North)	0·04	0·28	—0·24	—86	—2·4	—2·6	—3·3	—7	—0·2
10. Baluchistan (South)	0·00	0·21	—0·21	—100	—0·8	—1·3	—3·4	—9	—0·9
11. Sind (Lower)	0·03	0·59	—0·56	—95	—0·6	—0·3	+0·7	+3	—1·1
12. Sind (Upper)	0·00	0·20	—0·20	—100	—0·5	—0·1	—0·7	—1	—0·1

(*) Data Incomplete.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
EAST PAKISTAN (EAST).																							
Cox's Bazar	0300	38′	1001·1	—0·8	1002·4	82·9	79·4	77·9	32·8	+0·7	85	0	5·7	—0·4	0	0	1	16	13	0	0	0	0
	1200		998·5		999·8	82·8	79·6	77·9	33·6		87		5·9		0	0	1	9	19	1	0	0	0
Chittagong	0300	87′	998·7	—1·5	1001·6	82·9	78·1	76·3	30·5	—1·0	79	—4	5·9	—0·1	0	0	4	18	7	1	0	0	0
	1200		996·3		999·2	81·9	78·0	76·7	30·9		83		6·0		0	0	3	9	15	3	0	0	0
Noakhali	0000	25′	999·4		1000·3	80·0	78·1	77·1	31·9		91		5·6		0	0	0	15	0	0	0	0	15
(Maijdee)	0300		1000·6	—1·0	1001·5	82·6	79·9	78·6	34·4	+1·3	89	+4	6·3	+1·1	0	0	0	19	0	0	0	0	11
	1200		998·0		998·9	83·0	79·4	77·7	32·8		85		5·6		0	0	0	23	0	0	0	0	7
Comilla	0000	29′	999·2		1000·2	79·1	77·8	77·2	31·5		93		6·7		0	2	1	16	7	0	0	0	4
	0300		1000·5	—1·1	1001·6	83·1	79·4	77·7	32·8	+0·4	85	+3	6·9	+1·5	0	1	0	10	15	1	1	0	2
	1200		997·9		998·9	84·4	80·5	78·0	33·2		83		4·9		0	0	0	9	17	2	0	0	2
Brahmanbaria	0000	32′	999·0		1000·1	79·7	77·8	77·0	31·9		91		5·5		0	4	4	12	5	1	0	0	4
	0300		1000·3		1001·3	83·6	79·0	77·0	32·4	+1·8	81	+2	5·7		0	2	5	12	9	2	0	0	0
	1200		997·5		998·6	83·4	79·7	78·2	32·8		85		5·6		0	1	1	6	11	2	1	0	8
Srimangal	0000	69′	998·6		1000·9	76·9	75·8	75·3	30·2		95		6·8		1	1	1	1	2	0	0	1	23
	0300		999·5	—0·8	1001·9	81·0	78·0	76·9	31·4	+0·1	87	+1	6·3	+1·0	0	0	1	8	6	1	1	0	13
	1200		996·7		999·1	82·3	79·1	77·8	32·5		87		6·3		1	0	1	2	7	5	0	0	14
Mymensingh	0000	62′	998·1		1000·3	78·1	76·7	76·1	30·5		93		6·5		0	0	11	1	0	0	0	0	18
	0300		999·2	—1·1	1001·4	81·8	78·5	77·2	31·7	—0·1	85	—1	7·1	+0·4	0	0	16	5	0	0	0	0	9
	1200		996·0		998·2	84·5	80·0	74·9	33·5		81		6·0		0	0	12	3	0	0	0	0	15
Narayanganj	0000	26′	999·3		1000·1	81·0	78·6	77·7	32·2		89		7·0		0	0	8	6	11	0	1	0	4
	0300		1000·1	—1·0	1001·0	84·2	79·9	78·1	32·4	—0·7	81	—4	7·0	+0·5	0	0	10	9	9	2	0	0	0
	1200		997·0		997·9	85·3	80·2	78·1	32·7		79		6·1		0	0	4	9	11	2	0	0	4
Dacca (Tejgaon)	0000	27′	998·2		999·2	80·1	78·4	77·7	32·6		93		6·9		0	0	6	11	8	0	1	1	3
	0300		999·3		1000·3	83·9	79·7	77·8	33·2		83		7·1		0	0	7	11	7	3	1	0	1
	1200		996·3		997·3	84·5	79·7	77·8	32·7		79		5·9		0	0	1	11	14	1	0	0	2
EAST PAKISTAN (DELTAIC)																							
Faridpur	0000	46′	997·8		999·4	79·9	78·3	77·8	32·6		93		6·6		0	2	2	12	9	0	0	0	5
	0300		998·6	—1·4	1000·2	84·1	80·2	78·3	33·2	—0·7	83	—1	6·9	+1·2	0	0	5	12	11	0	0	1	1
	1200		995·6		997·2	85·3	80·6	78·7	33·5		81		5·4		0	0	2	14	13	0	0	0	1
Barisal	0000	11′	999·1		999·4	81·1	78·7	77·4	32·2		89		6·3		1	0	1	5	5	0	1	0	17
	0300		1000·3	—1·0	1000·7	85·9	80·5	78·4	33·1	—0·6	78	—7	6·0	—0·9	0	1	1	7	15	0	3	0	3
	1200		997·9		998·2	84·8	80·1	78·3	33·5		81		5·9		0	1	0	11	12	1	1	0	4

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 5pkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5(a)	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
Khulna	0000	16′	998·2		998·8	80·5	79·2	78·8	33·7		93		6·5		1	0	6	2	8	0	0	0	13
	0300		998·6	—1·0	1000·1	84·7	83·6	78·9	34·3	+0·8	83	+3	7·4	+0·8	0	0	2	12	7	0	0	0	9
	1200		996·6		997·2	84·6	81·1	79·8	35·1		85		7·0		0	0	1	12	7	0	0	0	10
Satkhira	0000	16′	997·9		998·5	80·4	79·0	78·8	32·6		93		6·4		0	2	0	8	5	2	0	1	12
	0300		998·8	—1·5	999·4	85·4	81·1	79·2	33·5	—3·0	81	—1	6·7	+1·4	0	3	0	13	2	7	0	0	5
	1200		996·3		996·9	85·0	80·0	77·5	32·7		79		6·4		0	3	0	8	4	3	0	0	12
Jessore	0000	26′	997·8		998·7	79·7	78·5	78·2	33·4		96		6·5		0	1	11	5	6	3	0	0	4
	0300		999·0	—1·3	999·9	84·5	80·7	79·2	34·3	+0·5	83	0	6·9	+1·1	0	1	10	7	9	3	0	0	0
	1200		996·0		996·9	84·9	80·4	78·6	33·5		81		6·4		0	0	5	1	22	0	0	0	2
EAST PAKISTAN (NORTH)																							
Pabna	0300					86·5	81·3	80·0	35·1	+1·8	80	—4											
Sirajganj	0000	49′	996·6		998·3	79·5	77·8	77·0	31·5		93		6·6		0	2	8	13	1	0	0	0	6
	0300		997·6		999·3	83·3	78·9	77·0	31·3		81		6·2		2	1	7	15	2	0	0	1	2
	1200		994·6		996·1	84·7	80·3	78·2	32·4		81		5·3		0	1	8	11	1	0	0	0	9
Bogra	0300	63′	998·3	—1·1	1000·5	83·1	79·3	77·4	32·0	—0·3	83	—2	6·5	+0·6	0	1	15	4	4	2	2	0	2
	1200		995·1		997·3	84·6	80·6	76·2	34·3		83		4·9		0	0	14	8	1	1	0	1	5
Dinajpur	0000	123′	995·4		999·5	78·8	77·2	76·4	31·5		93		5·6		0	7	9	3	1	0	0	0	10
	0300		996·3	—0·8	1000·5	83·4	78·7	77·0	31·3	—0·1	81	—5	6·0	0·0	0	4	10	0	0	0	0	0	16
	1200		993·3		997·5	85·6	79·9	77·5	33·1		78		4·4		0	5	10	1	0	0	0	0	14
Rangpur	0300												6·4		1	10	17	0	0	0	0	0	2
	1200												5·1		0	7	17	1	0	0	0	0	5

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M. S. L. or nearest Gpim. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5(a)	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
KASHMIR.																							
Srinagar (X)	0000	5205																					
	0300																						
	1200																						
Gulmarg (X)	0300	8709																					
	1200																						
Gurez (X)	0300	—																					
	1200																						
Sonemarg (X)	0300	—																					
	1200																						
Dras (X)	0300	10059																					
	1200																						
Kargil (X)	0300	—																					
	1200																						
Leh (X)	0300	11529																					
	1200																						
Skardu (X)	0000	7505																					
	0300																						
	1200																						
Misgar	0000	10190				46·6	39·0	34·0	5·7		54		2·1		0	0	0	0	0	0	3	0	27
	0300					52·3	41·8	29·3	5·8	—	43	—	2·1	—	0	0	1	0	0	0	2	0	27
	1200					64·2	45·4	23·0	4·5		21		3·8		0	0	16	0	0	0	13	0	1
Gilgit (X)	0000	4890																					
	0300																						
	1200																						
Jammu (X)	0000	1200																					
	0300																						
	1200																						
NORTH PUNJAB.																							
Lahore (Jail Road).	0000	702	971·4		994·9	82·4	72·0	66·0	22·1		58		1·3		1	0	4	6	2	2	0	0	15
	0300		972·8	—1·7	996·2	90·4	75·1	66·7	22·8	—0·9	46	—1	1·3	—0·3	2	2	4	9	2	2	6	1	2
	1200		969·7		992·2	106·7	77·5	63·2	18·9		24		0·9		0	2	0	1	0	6	9	2	10
Lahore (Cantt.).	0000	703	971·1		994·8	83·9	71·5	64·0	20·7		52		1·4		1	2	3	7	2	2	2	2	9
	0300		972·5	—	995·8	90·6	74·5	65·2	21·9	—	45	—	1·3	—	3	1	5	6	1	6	2	2	4
	1200		969·2		991·7	106·5	76·6	59·1	17·7		22		0·9		1	2	1	1	1	9	5	10	0
Lahore (Walton)	0000	699	971·9		995·3	82·2	70·7	64·4	20·5		54		1·5		2	2	5	5	3	0	3	4	6
	0300		972·4	—	995·7	90·2	74·2	64·5	21·6	—	44	—	1·4	—	1	0	3	8	3	2	3	9	1
	1200		969·6		992·1	106·8	76·6	61·2	17·5		22		0·9		1	2	1	2	2	0	10	10	2
Sialkot	0000	830	967·1		994·8	85·0	70·5	61·1	18·9		46		1·8		0	5	0	3	0	0	0	6	16
	0300		968·5	—2·0	996·0	91·9	74·4	64·4	21·1	—0·5	41	—7	2·2	+0·8	0	9	0	10	0	0	0	5	6
	1200		965·6		992·2	105·9	80·4	67·9	23·8		30		1·7		0	4	0	3	0	8	0	8	7
Jhelum	0000	765	969·4		995·2	81·3	69·1	60·8	18·8		52		1·9		0	2	0	0	1	2	1	2	22
	0300		970·8	—	996·0	91·8	74·1	63·8	20·7	—	42	—	1·5	—	1	2	4	8	1	1	0	4	9
	1200		967·4		991·7	106·6	77·4	60·1	18·8		24		2·1		0	0	3	5	2	10	4	4	2
Chakiala	0000	1667	940·9		886·6	79·6	62·9	50·5	12·8		37		1·9		3	3	3	2	1	1	2	3	12
	0300		942·0	—	888·9	91·2	68·2	54·0	14·2	—	28	—	1·7	—	1	0	2	5	1	3	2	0	16
	1200		939·2		887·6	13·8	70·0	46·7	11·3		15		2·1		2	0	1	1	3	4	15	3	1

(X) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M. S. L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
Rawalpindi	0000	1676	940·6		886·8	80·2	65·0	55·3	14·9		43		1·4		0	0	0	0	1	0	0	0	29
	0300		941·5	—1·6	889·0	92·8	68·8	54·6	14·2	—4·0	27	—10	1·2	—0·7	0	0	0	0	1	0	1	0	28
	1200		939·5		888·1	103·6	73·0	56·1	15·2		21		2·3		0	0	0	0	2	1	6	0	21
Murree	0000	7113	779.4		794·9	65·0	52·5	41·9	9·0		43		3·1		0	5	2	6	0	0	0	17	0
	0300		780·4	—1·1	795·6	71·8	55·8	42·8	9·5	—2·7	36	—16	2·6	+0·4	2	2	5	2	1	0	8	7	3
	1200		779·3		794·3	77·9	58·3	43·0	9·6		29		4·3		0	4	4	4	0	3	9	6	0
Campbellpur	0300	1175	956·6		994·9	95·0	75·0	64·0	20·6		36		0·8		7	2	1	2	0	0	1	2	15
	1200		953·5		991·0	105·5	77·0	60·8	18·7		24		1·1		8	2	0	0	2	0	1	2	15
Khushab	0000	616	973·8		994·6	83·6	69·0	59·5	17·6		45		0·5		1	9	4	7	1	5	0	1	2
	0300		975·0	—2·3	995·4	94·1	73·2	60·3	18·4	—2·4	33	—10	0·3	—1·0	3	5	4	6	3	2	0	2	5
	1200		971·8		991·6	107·5	75·1	55·1	15·0		18		1·2		2	2	4	7	11	3	0	1	0
Sargodha (×)	0300																						
	1200																						
Lyallpur	0000	605	974·0		994·4	82·9	70·9	63·2	20·4		53		1·5		1	2	2	4	5	4	1	0	11
	0300		975·7	—1·1	995·8	90·4	74·4	65·4	21·8	+0·4	44	—2	0·3	—1·5	1	3	1	5	3	1	3	2	11
	1200		972·9		992·5	105·3	76·9	60·7	18·7		24		2·1		1	2	1	7	4	3	1	1	10
SOUTH PUNJAB																							
Leiah †	0300	490																					
	1200																						
Montgomery	0000	558	976·0		994·8	83·2	72·1	65·8	21·8		56		0·8		0	0	0	3	0	6	3	0	18
	0300		977·3	—1·5	995·8	90·3	76·7	69·7	25·2	—1·6	52	—5	0·3	—0·7	0	0	1	3	2	11	7	3	3
	1200		974·5		992·6	106·4	80·0	67·0	22·9		28		1·3		0	0	0	4	1	13	4	1	7
Mukan	0300	413	981·9	—1·3	995·7	89·9	75·9	69·0	24·2	—2·7	50	—6	0·1	—0·7	2	1	0	2	4	17	0	4	0
	1200		979·0		992·4	108·2	77·1	59·6	17·6		21		0·8		1	2	0	0	13	9	1	0	4
Khanpur (P.B.O.)	0000	290	985·7		995·6	84·0	74·9	70·1	25·5		64		0·5		1	1	0	0	3	14	6	0	5
	0300		986·7	...	996·5	88·4	77·1	71·9	26·6	...	58	...	0·8	...	0	3	0	0	1	20	5	1	0
	1200		982·9		992·3	107·9	79·7	65·0	21·8		27		0·4		1	2	0	0	0	18	8	0	1
Khanpur	0300	297	986·7	—1·2	996·7	89·1	78·5	73·2	28·5	+2·1	61	+4	0·7	—0·3	1	1	0	0	1	22	4	0	1
	1200		982·9		992·6	108·2	81·4	67·8	24·4		29		0·5		0	8	0	0	1	17	2	1	6
Bahawalpur	0300	384	983·3	—1·3	996·2	90·5	(b) 78·1	(b) 71·8	27·2	—0·8	55	—1	0·9	—0·1	0	0	0	0	4	17	0	0	9
	1200		980·4		992·8	107·4	(g) 81·4	(g) 69·3	24·7		30		0·3		0	1	1	2	1	11	1	3	10
Fort Abbas	0000	475	977·8		993·7	86·8	74·0	67·2	22·9		52		1·0		0	1	1	0	6	17	4	0	1
	0300		980·1	...	995·8	95·6	76·3	67·6	22·2	...	39	...	0·9	...	1	0	1	0	4	16	8	0	0
	1200		977·2		992·5	105·9	76·4	60·0	17·6		23		1·6		1	1	1	1	4	7	9	5	1

(×) Data not available. (†) Observatory remained closed. (b) Mean for 29 days. (g) Mean for 24 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of barometer cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to Temperature and M. S. L. or nearest Gp.sta. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
N. W. F. P. (Upper)																							
Drosh	0000	4806	848·1		894·6	68·9	55·4	42·2	9·5		40		2·3		1	3	2	3	0	0	0	0	21
	0300		848·8	+0·2	894·8	74·7	58·4	44·0	10·1	—3·3	33	—17	2·1	+1·1	1	7	1	1	0	0	0	0	20
	1200		845·0		889·5	87·4	61·5	37·4	8·2		18		1·3		3	8	0	0	0	7	3	0	9
Chakdara	0000	2197	923·1		887·5	76·1	60·5	48·3	11·7		38		1·8		15	6	0	0	0	0	0	4	5
	0300		923·9	...	888·8	83·4	65·0	52·1	13·6	...	36	...	1·6	...	12	10	0	0	0	0	1	7	0
	1200		921·4		887·4	98·7	70·5	52·8	14·0		22		2·9		0	2	2	4	11	3	1	3	4
Peshawar	0000	1175	956·4		994·8	83·9	65·0	49·4	12·5		31		2·0		2	0	0	3	2	6	2	8	7
	0300		957·9	—1·5	995·6	93·0	71·2	56·6	16·2	—0·7	30	—6	1·6	—0·1	1	2	2	8	0	2	0	5	10
	1200		954·5		991·3	104·3	71·4	46·8	11·4		15		3·3		4	8	3	4	1	5	1	4	0
Risalpur	0000	993	962·3		995·7	81·5	66·4	55·3	15·3		41		1·5		5	1	0	2	1	8	3	3	7
	0300		963·7	...	996·5	91·4	70·2	55·5	15·6	...	31	...	1·6	...	2	1	0	1	0	3	11	6	6
	1200		960·1		991·9	106·4	73·5	51·0	13·2		16		2·5		4	4	0	0	1	9	6	4	2
Haripur (Hazara)	0300	1737	940·4		889·2	84·5	68·5	60·7	17·3		43		0·4		2	0	28	0	0	0	0	0	0
	1200		937·5		887·3	105·1	73·6	56·2	15·4		20		1·2		0	0	0	0	0	0	20	0	0
Kakul	0000	4214	863·3		891·6	74·8	60·6	49·6	12·4		42		2·0		12	4	3	4	0	1	0	6	0
	0300		864·0	...	892·1	81·6	64·5	52·3	13·8	...	37	...	2·3	...	6	4	0	1	1	4	1	13	0
	1200		861·9		889·2	91·6	67·7	51·3	13·5		27		3·0		1	1	2	2	2	14	7	1	0
Cherat	0000	4272	860·6		890·5	78·6	59·7	43·5	9·9		29		2·0		11	0	0	2	3	0	0	12	2
	0300		862·3	—0·4	891·9	80·8	61·8	46·7	11·2	—2·7	31	—14	2·0	+0·6	12	0	0	2	3	0	0	12	1
	1200		860·1		889·1	92·3	65·6	45·2	10·7		21		3·4		8	0	0	7	8	0	0	7	0
Landikotal	0000	3503	883·2		890·0	78·0	60·5	46·2	10·9		33		1·3		2	1	2	0	1	0	3	14	7
	0300		884·5	...	891·2	84·4	63·6	47·4	11·6	...	29	...	1·3	...	1	1	0	4	1	1	2	16	4
	1200		882·2		888·7	94·4	66·2	44·8	10·5		19		3·2		3	3	0	8	2	2	1	11	0
N.W.F.P. (LOWER)																							
Kohat	0000	1667	941·7		888·1	86·0	64·4	48·4	11·9		28		1·6		3	1	0	0	0	1	2	16	7
	0300		942·7	...	889·8	93·3	67·9	50·7	13·0	...	24	...	1·6	...	2	1	0	5	0	4	1	10	7
	1200		939·9		888·2	103·3	69·2	45·0	10·5		14		3·8		0	8	2	5	1	5	7	2	0
Parachinar	0000	5673	821·0		794·5	63·8	52·2	41·8	9·2		46		1·1		8	2	0	0	0	0	0	2	18
	0300		821·5	0·0	795·6	73·7	57·0	43·6	9·9	—2·1	34	—9	1·1	—0·3	0	1	0	0	0	1	1	4	23
	1200		819·9		794·7	83·2	61·5	45·7	10·8		28		4·0		0	8	1	17	1	2	0	1	0
Miranshah	0000	3026	897·6		889·9	85·8	70·5	62·0	19·3		45		1·1		1	6	0	4	1	2	1	1	14
	0300		898·9	...	891·1	86·4	70·7	61·3	19·2	+3·0	45	—1	0·8	—0·2	2	5	2	2	0	4	1	4	10
	1200		896·4		888·8	97·1	73·4	60·0	18·4		31		3·5		1	8	7	6	0	4	0	2	2
Bannu	0000	1263	952·8		994·9	82·0	67·4	57·8	16·3		44		1·0		5	1	0	1	1	0	4	12	6
	0300		954·1	...	995·6	91·3	72·1	60·9	18·2	—0·9	36	—6	0·7	—0·7	2	0	2	1	0	3	6	11	5
	1200		951·3		991·8	102·5	74·7	57·3	16·7		24		2·2		1	0	4	16	2	2	3	1	1
Wana	0300	4503	856·8	...	894·0	72·3	*	*	*	...	*		0·0	—1·0	0	0	0	0	0	0	0	0	30
	1200		854·4		889·7	92·1	*	*	*		*		0·0		0	0	0	0	0	0	0	0	30
D. I. Khan	0000	570	975·9		995·3	80·4	72·0	66·0	23·0		64		0·4		0	1	0	0	0	0	0	0	29
	0300		976·1	—2·0	995·2	87·3	75·4	68·6	24·6	—0·9	55	+2	1·0	—0·1	0	2	0	0	0	0	1	0	27
	1200		974·7		993·0	108·2	78·4	63·3	19·6		23		1·0		0	3	0	1	0	0	0	0	26

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M. S. L. or nearest 0.5 km. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
BALUCHISTAN (NORTH)																							
Port Sandeman	0300	4614	853·3	+1·0	893·1	81·4	57·4	30·6	6·2	—6·6	17	—37	0·5	—0·2	4	4	0	0	0	8	8	2	4
	1200		850·0		888·6	94·1	60·9	23·2	5·0		9		2·9		5	2	3	3	0	7	4	3	3
Sibi	0000	5909	813·9		794·9	65·0	57·8	51·2	13·7		66		0·5		0	0	0	0	1	11	13	5	0
	0300		814·7	...	796·2	76·6	64·6	57·5	16·3	...	53	...	0·3	...	0	1	1	0	0	19	6	1	2
	1200		812·3	...	794·2	89·5	76·1	70·4	25·8		55		1·5		0	0	0	0	1	21	7	1	0
Loralai	0000	4699	847·7		890·8	68·7	53·1	35·0	7·5		32		0·2		0	0	0	3	0	6	7	4	10
	0300		848·5	...	890·9	77·8	58·7	41·1	9·3	...	29	...	0·8	...	0	0	1	0	0	8	8	3	11
	1200		846·2		887·4	91·5	63·0	40·0	7·0		16		2·1		0	1	0	4	1	17	1	1	5
Sibi	0000	441	981·2		996·0	88·7	72·6	62·1	20·1		43		(b) 0·3		0	0	1	6	(b) 1	5	0	2	14
	0300		982·7	+0·5	997·2	93·9	77·5	68·5	24·7	+3·7	45	+5	(b) 0·5	0·0	0	1	0	6	(b) 1	5	0	1	15
	1200		978·2		992·3	112·2	79·0	59·3	18·7		20		(b) 0·6		1	2	0	9	(b) 2	10	1	2	2
Quetta (Samungli)	0000	5253	834·2		795·4	56·6	50·1	45·0	9·9		63		0·1		0	2	13	9	1	0	1	1	1
	0300		835·3	...	797·5	71·7	60·3	53·7	13·6	...	51	...	0·4	...	0	1	5	6	0	1	1	4	12
	1200		832·8		796·7	90·1	70·1	58·7	17·9		37		0·9		3	0	0	0	0	2	11	14	0
Quetta	0300	5490	826·0	—1·8	795·3	73·6	59·5	49·4	12·3	—3·1	44	—10	0·4	—0·1	0	0	0	0	1	0	0	0	29
	1200		824·2		794·3	88·9	59·4	32·2	6·8		15		0·8		7	1	0	0	0	2	2	14	4
Chaman	0000	4311	859·6		890·4	72·5	54·0	34·4	6·8		25		0·3		0	0	13	11	2	1	1	0	0
	0300		861·1	—0·5	891·8	80·6	59·3	38·3	8·6	—2·2	23	—5	0·6	+0·2	1	1	0	2	7	7	5	2	5
	1200		859·1		888·7	95·0	65·5	41·9	9·5		17		0·6		1	0	0	0	3	7	13	6	0
Kalat	0000	6616	795·0		796·3	54·3	43·5	31·6	5·7		41		0·0		0	0	0	4	14	0	0	0	12
	0300		795·8	0·0	797·1	71·8	53·9	37·2	7·7	—3·0	29	—11	0·0	—0·5	2	1	0	6	13	0	1	1	4
	1200		794·4		795·8	83·0	56·9	29·4	5·3		17		0·0		6	0	0	1	1	1	6	15	0
Nushki*	0000	3416																					
	0300																						
	1200																						
Dalbandin	0000	2785	907·6		891·7	73·9	54·8	34·9	6·9		25		0·3		0	7	0	4	0	7	0	6	6
	0300		908·1	—0·3	892·5	81·7	58·6	37·1	7·5	—3·4	21	—7	0·4	—0·2	1	3	0	0	0	6	1	1	18
	1200		905·2	...	890·2	102·1	67·9	42·1	9·5		13		1·3		0	6	2	3	3	6	0	5	5
Nushki	0000	2229	924·6		891·3	80·9	60·1	40·8	9·1		26		0·0		2	2	0	0	(b) 0	0	2	22	0
	0300		925·9	...	893·2	88·7	64·6	46·1	10·9	—4·3	23	—17	0·0	—0·6	2	1	2	0	0	2	3	20	0
	1200		925·1		891·3	102·8	75·3	59·3	18·9		27		0·0		2	0	0	1	0	0	4	21	2

(*) Data suspected. (b) Mean for 29 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0pkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
BALUCHISTAN (SOUTH)																							
Panjgur	0000	3177	896·1		892·6	79·2	61·8	47·7	11·6		34		0·0		2	0	0	0	1	0	3	5	19
	0300		897·1	+0·5	893·8	80·1	60·9	45·0	10·6	—8·2	30	—21	0·0	—0·6	1	3	1	0	1	3	4	5	12
	1200		894·8		891·6	97·8	65·0	35·2	7·8		12		0·0		2	1	0	0	1	4	1	20	1
Turbat	0000	510	982·5		999·9	83·3	76·3	72·7	27·8		71		1·4		0	1	0	0	0	15	4	0	10
	0300		983·8	...	1000·8	87·5	79·1	73·7	30·0	...	68	...	1·4	...	1	0	1	0	1	8	5	0	14
	1200		978·8		995·2	111·1	84·1	71·9	27·5		30		0·5		0	2	0	0	0	15	5	5	3
Jiwani	0000	185	992·4		998·4	81·8	79·7	79·3	33·9		91		2·1		0	0	0	6	6	5	2	0	11
	0300		993·6		999·5	83·2	80·3	78·8	33·6	...	87	...	3·7	...	0	1	2	1	12	5	0	1	8
	1200		991·2		997·2	89·3	81·6	78·2	33·3		70		0·7		0	0	0	2	17	10	1	0	0
Pasni	0000	10	997·7		998·6	79·9	76·6	75·4	29·6		85		0·0		0	2	0	0	0	2	7	0	19
	0300		998·5	—0·7	999·4	81·9	76·6	74·2	28·7	—4·3	78	—6	0·0	—3·0	0	2	4	4	0	2	7	8	3
	1200		995·7		996·6	89·1	80·4	76·4	30·9		66		0·0		0	0	0	2	2	23	3	0	0
Ormara	0000	15	997·3		997·8	82·0	79·7	78·7	33·3		89		2·4		0	0	1	0	0	10	11	0	8
	0300		998·6	...	999·1	84·6	80·9	79·5	35·1	+2·0	85	+1	4·1	+0·4	0	0	2	0	1	11	11	0	5
	1200		995·6		996·1	89·4	84·1	82·0	36·7		79		0·4		0	0	1	0	2	15	12	0	0
Las Bela	0000	292	988·3		998·3	77·6	69·4	65·2	21·0		64		2·4		0	0	1	2	1	1	0	0	25
	0300		989·0	—1·5	998·8	86·1	77·0	72·2	27·6	—3·1	65	—10	2·7	—0·4	0	0	2	9	14	4	1	0	0
	1200		984·6		994·1	100·0	80·3	71·3	26·5		40		1·8		1	2	5	7	12	3	0	0	0
SIND (LOWER.)																							
Karachi (Manora)	0000	13	1001·5		1001·9	83·2	80·0	78·8	33·6		87		5·1		0	0	0	0	0	12	14	0	4
	0300		1002·7	+3·0	1003·1	84·6	80·8	79·3	34·3	+0·8	83	0	5·4	+0·9	0	0	0	0	0	13	14	0	3
	1200		998·1		998·5	87·9	82·4	80·1	35·4		78		5·6		0	0	0	0	1	14	14	0	1
Karachi (Air Port)	0000	73	996·1		998·6	82·8	78·5	76·5	31·4		81		3·7		0	0	0	0	0	13	14	0	3
	0300		997·3	...	999·8	84·9	79·0	76·4	31·1	...	75	...	5·3	...	0	0	0	0	1	14	15	0	0
	1200		995·0		997·5	89·9	79·7	75·8	30·4		62		3·5		0	1	0	0	1	22	6	0	0
Badin	0000	31	997·5		998·6	82·2	77·0	74·8	29·4		79		0·1		0	0	0	0	0	23	6	0	1
	0300		998·4	—0·4	999·4	85·1	79·0	75·7	31·1	—0·1	75	+2	0·6	—2·5	0	0	0	0	0	21	9	0	0
	1200		995·1		996·1	97·4	80·2	72·4	27·2		45		0·3		0	0	0	0	3	14	13	0	0
Umarkot	0000	55	995·7		997·9	81·9	79·0	78·1	32·5		87		2·1		0	0	0	0	11	19	0	0	0
	0300		996·4	...	998·3	87·1	80·6	78·0	32·6	...	74	...	2·3	...	0	0	0	0	5	24	1	0	0
	1200		992·6		994·4	102·2	83·7	75·1	30·8		44		0·8		0	1	0	0	3	25	1	0	0
Chhor	0000	19	996·9		997·6	81·7	76·5	74·1	29·4		79		2·0		0	0	0	0	2	27	1	0	0
	0300		998·2	...	998·9	85·1	78·1	75·1	29·6	...	72	...	3·6	...	0	0	0	0	1	27	2	0	0
	1200		994·7		995·3	101·5	78·7	67·5	22·3		34		(d) 2·2		1	0	0	0	2	25	2	0	0
Hyderabad	0000	50	994·0		997·3	82·5	76·9	74·7	29·7		77		0·6		0	0	0	0	2	28	0	0	0
	0300		995·0	—0·4	998·2	84·8	77·9	74·3	29·6	+1·5	72	+7	0·2	—1·1	0	0	0	0	1	29	0	0	0
	1200		992·3		995·6	99·7	79·0	68·6	24·3		38		0·7		0	0	0	0	2	28	0	0	0

(d) Mean of 29 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1955—Concld.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
SIND (UPPER).																							
Pad Idan	0000	153	989·9		995·1	83·3	74·7	70·1	25·3		65		0·2		0	0	1	22	6	0	0	0	1
	0300		991·4	...	996·5	89·1	77·3	71·2	26·2		56	...	0·2	...	0	0	0	17	9	2	1	1	0
	1200		988·0		992·9	109·4	78·1	59·4	17·9		21		0·8		0	2	2	9	9	4	1	1	2
Nawabshah	0000	124	992·0		996·3	81·9	75·6	72·3	27·2		73		0·5		0	0	0	0	27	0	0	0	3
	0300		993·2	...	997·6	88·3	77·4	72·6	26·7	...	59	...	0·6	...	0	0	0	0	28	1	0	0	1
	1200		990·2		994·4	106·3	80·5	68·0	23·1		29		1·2		1	0	1	0	23	1	0	0	4
Sukkur	0300	221	989·3	—0·8	996·7	87·0	78·3	74·2	28·7	+0·2	67	0·0	0·5	0·0	2	2	0	3	9	12	0	1	1
	1200		985·3		992·4	108·9	81·9	69·0	25·0		29		0·8		×	×	×	×	×	×	×	×	×
Jacobabad	0000	183	988·5		994·9	87·0	77·8	73·4	28·7		65		0·4		2	0	3	13	10	0	0	1	1
	0300		990·3	—0·7	996·6	89·8	79·1	74·3	29·6	—1·7	61	—2	0·4	—0·2	0	1	3	13	9	2	0	2	0
	1200		986·4		992·5	111·6	82·2	67·8	24·4		26		0·8		2	1	1	8	8	3	2	2	3
Reti	0000	280	990·3		999·9	84·1	77·7	74·6	29·3		73		0·0		0	0	1	0	2	2	3	2	20
	0300		988·7	...	998·0	91·5	80·4	75·0	30·0	...	60	...	0·0	...	2	0	1	1	4	3	2	1	16
	1200		985·1		994·0	115·3	97·3	91·1	51·5		51		0·0		1	0	0	0	1	0	0	2	26
JUNAGADH																							
Veraval	(e) 0000	26			1001·4	82·5	79·2	76·0	32·8		86		3·9		0	0	0	0	1	2	19	1	3
	(h) 0300				1002·7	83·6	79·2	77·2	32·4	...	80	...	4·0	...	0	0	0	0	1	1	1	19	1
	(f) 1200				1000·8	85·9	80·1	77·5	33·1		80		3·0		0	0	0	0	2	3	19	1	0
AFGHANISTAN																							
Jalalabad (†)	0300	1950																					
	1200																						
Kabul	0300	5955	815·6		797·9	66·3	52·8	40·7	8·9	—0·4	40	+2	0·9	+0·3	1	0	0	0	5	9	10	5	0
	1200		813·7		796·7	82·0	59·7	42·7	9·5		25		3·6		12	10	2	1	1	1	1	2	0
Kandahar (†)	0300	3462																					
	1200																						
ARABIA.																							
Muscat	0300	20	998·8	...	999·3	89·5	84·7	82·4	32·5	...	80	...	1·1	—0·3	1	6	4	7	1	0	0	0	11
	1200		997·1		997·6	92·8	86·4	83·9	40·2		76		1·3		1	15	2	10	2	0	0	0	0
Kuwait †	0300	16																					
	1200																						

(e) Data not available. (f) Observatory remained closed. (e) Mean of 26 days. (f) Mean of 26 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JUNE, 1955.

Sub-Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (inches)						Wind Velocity (Knots)		Weather Number of Days				
																			Visibility Code Figure 93 or Less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (EAST)																					
Cox's Bazar	88·2	+1·9	93	2	77·2	+0·8	73	9,10	22·07	—9·07	3·68	30	15	—4·1	5·8	+1·9	1	0	0	0	0
Chittagong	88·0	+1·1	91	5 days	77·9	+1·1	75	4 days	(b) 16·77		6·21	10	12		4·9	—2·1	4	0	0	0	0
Noakhali (Maijdee)	87·8	+0·8	91	4 days	78·5	+0·1	74	8,9	25·27	+4·71	5·90	8	14	—4·3	×	...	0	0	0	0	0
Comilla	88·8	+0·5	93	29	77·7	+0·9	73	6,14	10·57	—7·71	1·40	22	15	—2·1	7·2	+2·1	0	0	0	0	0
Brahmanbaria	89·1	—1·1	93	4 days	78·1	+3·5	70	5	12·85	—1·70	3·35	19	20	+4·0	3·9	...	2	0	0	0	0
Srimangal	89·2	—0·7	95	29	75·5	0·0	70	4 days	22·09	+3·23	3·43	12	24	+3·9	1·0	—2·2	19	0	0	0	0
Mymensingh	88·6	+0·8	95	1	76·4	—0·5	71	4,5	22·87	+5·27	7·10	12	12	—5·8	2·2	0·0	6	0	0	0	0
Narayanganj	90·0	+0·8	95	4	78·9	+0·8	74	5	9·15	—3·24	1·92	20,22	13	—1·5	4·5	+0·2	0	0	0	0	0
Dacca (Tejgaon)	89·0		93	4	78·2	...	73	5	9·80	...	4·52	14	14	...	6·7	...	6	0	0	0	0
EAST PAKISTAN (DELTAIC)																					
Faridpur	89·4	+0·2	93	1,4	77·1	—0·3	69	1	6·40	—6·39	1·24	7	13	—2·2	6·3	—0·2	3	0	0	0	0
Barisal	90·5	+1·7	94	4 days	78·1	—0·2	73	7,8,30	14·01	—2·04	3·09	14	18	+1·3	×	...	7	0	0	0	0
Khulna	90·8	+0·2	96	1	78·6	—0·3	×		13·70	+1·24	1·35	10	24	+9·3	4·3	+0·4	3	0	0	0	0
Satkhira	92·3	+0·5	99	1,30	78·1	—0·7	70	11	7·07	—5·13	0·85	6	12	—1·7	2·9	0·0	0	0	0	0	0
Jessore	91·1	+0·4	99	1	78·0	+0·1	74	2,14	7·23	—4·99	1·65	22	11	—3·0	(k) 5·1	+2·1	4	0	0	0	0
EAST PAKISTAN (NORTH)																					
Pabna	96·1	+4·5	103	5	78·9	+3·3	70	4,7	×	×	×	×	×	×	×	...		0	0	0	0
Sirajganj	×				77·7		70	5	8·39	—3·93	2·30	21	10	—4·3	×	...	3	0	0	0	0
Rajshahi									9·12	—2·10	2·12	13	11	—2·2							
Bogra	89·7	—0·1	95	1	77·9	+0·7	72	4	8·64	—4·40	1·45	19	15	+0·5	3·3	+1·2	12	0	0	0	0
Dinajpur	90·2	+0·7	99	1	77·3	0·0	70	3	10·56	—3·08	2·66	23	11	—3·1	3·8	+1·2	9	0	0	0	0
Rangpur									22·71	+4·93	5·30	17	17	+1·3							

(b) Obs. for [illegible] days (k) Data not available.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION WIND, VELOCITY AND WEATHER DURING THE MONTH OF JUNE, 1955—Contd.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (inches)						Wind Velocity (knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10″ or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
KASHMIR.																					
Srinagar (X)																					
Gulmarg (X)																					
Gurez (X)																					
Sonamarg (X)																					
Dras (X)																					
Kargil (X)																					
Leh (X)																					
Skardu (X)																					
Misgar	*	...	*	...	*	...	*	...	0·05	...	0·03	27	0	...	2·6	...	0	0	1	0	0
Gilgit (X)																					
Jammu (X)																					
NORTH PUNJAB.																					
Lahore (Jail Road)	109·2	+3·3	114	7,16,26	81·9	+2·9	72	28	0·78	—0·86	0·77	28	1	—1·8	2·6	+0·4	3	0	0	1	3
Lahore (Cantt)...	108·5	...	113	7,16,26	82·7	...	72	28	1·30	...	1·30	28	1	...	4·0	...	5	0	0	0	3
Lahore (Walton)	108·9	...	114	7,26	80·2	...	71	28	0·58	...	0·58	28	1	...	5·7	...	4	0	0	0	4
Sialkot	110·1	+5·1	115	16	80·8	+0·5	72	28	0·81	—1·58	0·46	18	3	—0·5	2·4	+0·3	7	0	0	0	1
Jhelum	109·6	...	114	24,26	79·9	...	74	1	0·11	...	0·04	20,28	0	...	2·8	...	7	0	0	0	7
Chakiala	106·4	...	112	26	76·0	...	71	8	0·37	...	0·31	14	1	...	5·4	...	8	0	0	0	5
Rawalpindi	108·0	+4·5	113	26	76·1	+0·2	68	5 days	0·45	—1·86	0·45	14	1	—2·3	1·3	—0·8	2	0	0	0	1
Murree	81·1	+0·4	86	8,25,26	63·0	+2·5	54	29	2·99	—0·99	1·88	29	4	—1·8	6·3	+2·3	14	0	0	0	0
Campbellpur	108·0	...	114	27	79·2	...	72	1	0·00	...	0·00		0	...	4·1	...	0	0	0	0	0
Khushab	110·9	+4·3	116	25,26	82·0	—0·3	76	28	0·19	—1·22	0·17	8	1	—1·3	4·7	—0·3	2	0	0	0	2
Sargodha (†)																					
Lyallpur	107·4	+1·4	112	7,26,27	82·2	+0·5	73	28	0·33	—0·89	0·31	28	1	—1·1	2·7	—0·1	3	0	0	1	3
SOUTH PUNJAB.																					
Leiah (†)																					
Montgomery	108·2	+0·4	114	27	82·3	—1·0	74	1	0·00	—0·98	0·00	...	0	—1·6	2·0	—2·8	1	0	0	0	4
Multan	(f) 110·0	+3·4	117	26	*	...	*	...	0·00	—0·55	0·00	...	0	—1·0	3·3	+1·0	0	0	0	0	0
Khanpur (P.B.O.)	109·5	...	114	3	(c) 81·8	...	73	19,26	0·73	...	0·65	19	1	...	7·9	...	1	0	0	0	12
Khanpur	109·4	—0·4	116	3	83·7	+0·7	78	2,19	0·60	+0·34	0·30	18,19	2	+1·4	6·3	—0·8	2	0	0	3	1
Bahawalpur	109·7	+1·3	114	26	(n) 83·8	+0·3	74	2	0·00	—0·28	0·00	...	0	—0·6	3·1	—1·4	0	0	0	0	1
Fort Abbas	111·8	...	117	3,6	84·2		71	18	2·07	...	1·05	23	2	...	9·1	...	0	0	0	15	15
N. W. F. P. (UPPER).																					
Drosh	94·4	+2·5	105	12	67·7	—0·8	52	4	0·82	+0·17	0·37	3	3	+1·0	4·3	+0·6	11	0	0	0	1
Chakdara	102·7	...	108	25,26	72·7	...	67	10	0·02	...	0·02	4	0	...	4·5	...	3	0	0	0	2
Peshawar	106·6	+1·6	112	7	80·9	+3·7	75	29	0·00	—0·31	0·00	...	0	—0·9	4·4	+2·2	10	0	0	0	13
Risalpur	110·7	...	118	26	78·8	...	71	10,14	0·12	...	0·12	29	1	...	4·2	...	4	0	0	0	4
Haripur (Hazara)*	*	...	...	...	*	...	...	...	0·26		0·21	17	1		4·5		1	0	0	0	0
Kakul	95·0	...	101	26	68·3	...	64	29	0·17	...	0·17	29	1	...	X	...	9	0	0	0	1
Cherat	95·8	+2·6	103	25	76·2	+3·0	69	1,28	0·00	—1·14	0·00	...	0	—2·0	(c) 7·4	+1·7	3	0	0	0	2
Landikotal	97·1	...	104	25	75·6	...	67	29	0·26	...	0·26	14	1	...	4·0	...	0	0	0	0	0
N. W. F. P. (LOWER).																					
Kohat	107·6	...	113	25,26	83·9	...	73	29	0·30	...	0·16	18	2	...	5·8	...	11	0	0	0	0
Parachinar	88·7	+1·0	96	26	62·4	—1·3	58	1,2	0·94	—1·06	0·35	18	4	—0·5	3·1	+0·7	9	0	0	0	0
Miranshah	100·8	+1·9	107	26	77·2	+0·1	65	13	0·95	+0·04	0·65	13	2	+0·4	4·7	—0·5	0	0	0	0	0
Bannu	106·0	—0·1	113	25,26	79·7	0·0	75	4 days	0·83	—0·08	0·34	12	3	+1·5	3·1	...	3	0	0	0	2
Wana	*	...	*	...	*	...	*	...	0·60	+0·17	0·30	28,29	2	+0·5	1·2	...	0	0	0	0	0
D. I. Khan	111·6	+3·8	117	27	*	...	*	...	0·21	—0·40	0·21	22	1	—0·3	1·2	—0·6	1	0	0	0	2

(X) Data not available.
(*) Data adjusted.
(c) Mean of 28 days.
(f) Mean of 28 days
(n) Mean of 17 days.
(†) Observatory remained closed.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JUNE, 1955—Concld.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (inches)						Wind Velocity (knots)		Weather Number of Days.				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10″ or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN.																					
Fort Sandeman...	97·6	—1·6	103	27	70·1	—2·8	61	4,29	0·30	—0·34	0·21	28	1	—0·3	4·0	+1·2	2	0	0	0	0
Hindubagh	91·2	...	102	11	62·1	...	53	4	0·00	...	0·00	...	0	...	6·6	...	0	0	0	0	0
Loralai	93·2	...	98	25	66·1	...	61	1,6	0·00	—0·35	0·00	...	0	—0·1	3·7	...	1	0	0	0	0
Sibi	114·2	+1·5	121	9	(b) 86·9	—0·6	80	5,6	0·00	—0·30	0·00	...	0	—0·5	(n) 4·6	—0·3	0	0	0	0	0
Harnai	...	...	...	...	...	...	...	...	0·00	—0·75	0.00	...	0	—1·5							
Quetta (Samungli)	91·5	...	96	11,12	52·0	...	41	28	0·00	...	0·00	...	0	...	4·9	...	0	0	0	0	0
Quetta	90·6	...	95	11,12	55·9	...	48	5	0·00	...	0·00	...	0	...	3·4	+1·2	1	0	0	0	1
Chaman	96·2	—2·6	102	11,12	70·1	—2·1	65	14	0·00	—0·02	0·00	...	0	0·0	6·7	+1·6	0	0	0	0	0
Kalat	86·3	—4·0	90	4 days	53·8	—3·9	48	3,5	0·00	—0·19	0·00	...	0	—0·4	5·6	+1·2	0	0	0	0	0
Nushki	103·1	...	109	12	*	...	...	...	0·00		0·00	...	0		6·0		0	0	0	0	0
Dalbandin	103·8	—3·5	111	12	69·6	—3·4	63	30	0·00	—0·01	0·00	...	0	0·0	5·0	+0·2	0	0	0	1	1
Nokkundi	105·0	—4·3	109	6	79·2	—2·6	70	4	0·00	0·00	0·00	...	0	0·0	9·9	—0·9	0	0	0	0	0
BALUCHISTAN (SOUTH).																					
Panjgur	99·5	—3·7	105	11	71·1	—3·5	64	29,30	0·00	—0·12	0·00	...	0	—0·4	3·9	—0·9	0	0	0	0	2
Turbat	112·7	...	118	22,23,24	82·8	...	80	1	0·00	...	0·00	...	0	...	X	...	0	0	0	0	0
Jiwani	92·0		109	29	80·5		75	5	0·00	...	0·00	...	0	...	7·4		0	0	3	0	0
Pasni	93·1	—0·7	108	29	78·8	+0·3	76	1,2	0·00	—0·26	0·00	...	0	—0·2	10·3	+3·7	0	0	0	0	0
Ormara	91·4	—1·3	102	29	81·2	—0·8	78	5,18	0·00	—0·03	0·00	...	0	—0·2	11·6	+2·8	0	0	0	0	0
Las Bela	103·0	+2·4	113	6	*	...	...	...	0·00	—0·42	0·00	...	0	—1·2	3·7	+0·4	0	0	0	0	2
SIND (LOWER).																					
Karachi (Manora) (R)	90·4	0·0	94	7,15	82·7	+0·4	80	5	0·00	—0·72	0·00	...	0	—0·6	X	...	0	0	0	0	0
Karachi (Air Port)	93·1	...	97	2,6	81·6	...	79	4,30	0·03	...	0·03	·30	0	...	11·0	...	0	0	0	1	0
Badin	101·7	—0·7	108	4,5,30	81·2	—0·8	78	3,9	0·00	—0·65	0·00	...	0	—0·8	8·9		0	0	0	0	0
Umarkot	106·0	...	113	2	81·1	...	76	3	0·00	...	0·00	...	0	...	8·4	...	0	0	0	2	1
Chhor	103·7	...	110	2	81·2	...	76	3	0·00	...	0·00	...	0	...	10·7	...	1	0	0	3	1
Hyderabad	103·4	—1·1	111	2	81·5	—0·5	75	4	0·10	—0·29	0·10	30	1	+0·4	13·4	+3·6	0	0	0	0	1
SIND (UPPER).																					
Pad Idan	111·6	...	117	1,10	81·7	...	79	4 days	0·00	...	0·00	...	0	...	9·6	...	0	0	0	0	0
Nawab Shah	109·3	...	117	2	81·8		78	4,14	0·00		0·00	...	0		9·2		0	0	0	2	0
Sukkur	109·5	+0·4	114	2,3,6	82·7	—0·7	80	1,2,12	0·00	—0·14	0·00	...	0	—0·5	4·5	+0·3	1	0	0	0	0
Jacobabad	112·5	—1·4	119	10	85·4	+0·5	79	1	0·00	—0·26	0·00	...	0	—0·3	7·3	+1·1	0	0	0	0	0
Reti	118·2	...	120	5 days	83·0	...	73	1	0·00	...	0·00	...	0	...	0·6	...	0	0	0	6	0
JUNAGADH.																					
Veraval	(f) 88·3	...	90	15	(n) 81·1	...	70	24	0·00	...	0·00	...	0	...	X	...	0	0	0	0	0
AFGHANISTAN.																					
Jalalabad (†)																					
Kabul	86·2	—0·7	95	25	55·2	—0·8	49	21	0·02	—0·15	0·01	12,19	0	—0·5	3·2	+1·0	4	0	0	0	1
Kandahar																					
ARABIA																					
Muscat	97·3	—0·8	104	16,17	86·8	—1·3	81	6	0·00	—00·8	0·00	...	—0·1	...	3·6	+0·2	0	0	0	0	0
Kuwait (†)																					

* Data rejected.
(b) Mean of 29 days.
(X) Data not available.
(n) Mean of 17 days.
(†) Observatory remain closed.
(f) Mean of 25 days.

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REGD. No. S-1452

PAKISTAN WEATHER REVIEW, 1955

MONTHLY WEATHER REPORT

JULY

(PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN)

Chief Features:—

(1) Extension of monsoon into the northern parts of West Pakistan in the first week and heavy rains causing floods in the Punjab in the third week.

(2) Very heavy rainfall in the coastal districts of East Pakistan during the third week with 13 inches of continuous rain in 24 hours at Chittagong.

West Pakistan:

Under the influence of a low pressure area moving westwards from Bihar the monsoon extended into the Punjab and the upper North-West Frontier Province during the first week of July and caused thundershowers locally on the first four days of the month. The seasonal trough of low pressure over Baluchistan also got accentuated and was responsible for a few duststorms or thunderstorms in West Pakistan during the above period. According to press reports, a severe storm followed by heavy rain hit Rawalpindi on the 1st when the wind speed was about 80 miles per hour uprooting trees, interrupting electric supply and even collapsing some houses and cabins. Rawalpindi Station of Radio Pakistan was consequently closed down for some time.

A western disturbance moving north-eastwards across the northern parts of West Pakistan caused a spell of wet weather over the Punjab and the upper North-West Frontier Province towards the end of the first week.

The northward shift of the seasonal low coupled with the passage of low pressure waves across Russian Turkistan in the third and fourth weeks caused extension of the monsoon in the northern parts of West Pakistan caused fairly widespread thundershowers there. According to press reports some houses collapsed and traffic came to a standstill in Montgomery and Sialkot districts due to heavy rain on the 19th. On account of continued rain Khushab and Thal areas were flooded and Indus, Chenab and Jhelum rivers overflew their banks at many places in the Punjab inundating large areas where there was considerable damage to property and many people were rendered homeless.

A few duststorms or thunderstorms accompanied with rain also occurred in West Pakistan on other days of the month occasionally to accentuation of the seasonal low.

Some of the noteworthy amounts of rainfall were Muree 7″ and Kakul 4″ on the 19th; Sialkot and Khushab 3″ each and Lyallpur and Jhelum 2″ each on the 20th. Kakul 2″ on the 21st and Murree and Kakul 2″ each on the 27th.

The total rainfall during the month was normal in lower N.-W.F.P in moderate defect in North Punjab and in large defect elsewhere. Averaged over the plains it was in large defect.

The mean maximum and mean minimum temperatures were normal except in south Baluchistan where mean minimum temperature was below normal. The mean relative humidity was below normal in north Punjab and Baluchistan and normal elsewhere Cloudiness was in defect.

East Pakistan:

Except for the second week the monsoon was generally active over East Pakistan throughout the month causing fairly widespread rain with occasional very heavy falls. According to press reports Chittagong was flooded on the 16th due to continuous rains. A boat also capsized in a storm near Mymensingh on the 6th, when four women and five children were drowned.

Some of the outstanding amounts of rainfall recorded were:— Cox's Bazar 5″, Chittagong and Dacca 4″ each on the 4th; Cox's Bazar 4″ on the 6th; Bogra 5″ and Rangpur 4″ on the 11th; Chittagong 13″, Cox's Bazar, Comilla and Rangpur 4″ each on the 13th; Chittagong 5″ on the 16th; Comilla 4″ on the 18th; Noakhali 4″ on the 19th; Narayanganj 4″ on the 21st; Rangpur 7″, Sirajganj 4″ on the 28th; Srimangal 5″ on the 27th and Chittagong 5″ on the 28th."

The total rainfall during the month was normal over Deltaic Sub-division and in moderate excess elsewhere.

The mean maximum and mean minimum temperatures, mean relative humidity and cloudiness were all normal over the region.

Table I contains the Divisional and Sub-divisional mean of rainfall, temperature humidity and cloud amount for the five chief divisions and 12 sub-divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent tables.

TABLE I.—DIVISIONAL AND SUB-DIVISIONAL MEANS FOR JULY 1955—*contd.*

Division	PRECIPITATION				DEPARTURE FROM NORMAL OF				
	Actual	Normal	Departure from normal	Percentage departure from normal	Maximum temperature	Minimum temperature	03 hrs. G. M. T.		
							Vapour pressure	Relative humidity	Cloud
1	2	3	4	5	6	7	8	9	10
	"	"	"		°	°	mb	%	
East Pakistan	20.81	16.09	+4.72	+29	—0.9	—0.1	+0.4	+3	+0.9
Mean of East Pakistan	20.81	16.09	+4.72	+29	—0.9	—0.1	+0.4	+3	+0.9
(1) Punjab	2.75	4.22	+0.53	+13	+1.0	—0.5	—2.4	—5	—1.0
(2) N.W.F.P.	1.68	1.83	—0.15	—8	+0.6	—1.0	—0.3	—1	—0.8
(3) Baluchistan	0.16	1.13	—0.97	—86	+0.8	—1.2	—2.1	—7	—0.8
(4) Sind	0.00	2.51	—2.51	—100	+0.6	—0.6	—2.3	—3	—1.7
Mean of West Pakistan excluding Baluchistan	1.63	3.23	—1.60	—50	+0.8	—0.6	—2.0	—4	—1.2
East Pakistan (East)	25.99	19.15	+6.84	+36	—1.7	0.0	+0.1	+3	+1.1
East Pakistan (Deltaic)	13.29	13.84	—0.55	—4	0.0	—0.5	+0.6	+3	+0.8
East Pakistan (North)	20.04	13.44	+6.60	+49	—0.4	+0.1	+1.0	+3	+0.9
Kashmir (x)									
North Punjab	4.18	5.73	—1.55	—27	+1.3	—0.6	—1.5	—6	—1.1
South Punjab	0.97	2.35	—1.38	—58	+0.7	+0.3	—3.5	—4	—0.8
N.W.F.P. (Upper)	0.24	1.26	—1.02	—81	+0.8	—0.4	—1.2	—3	—1.5
N.W.F.P. (Lower)	2.16	2.02	+0.14	+7	+0.5	—1.2	0.0	0	—0.6
Baluchistan (North)	0.22	1.12	—0.90	—80	+1.3	—0.5	—1.5	—8	—0.8
Baluchistan (South)	0.05	1.13	—1.08	—96	0.0	—2.6	—3.1	—6	—0.9
Sind (Lower)	0.01	3.38	—3.37	—99	+0.9	—0.3	—1.3	—3	—2.2
Sind (Upper)	0.00	1.19	—1.19	—100	+0.1	—1.1	—3.7	—3	—0.9
Junagadh (x)									

(x) Data incomplete.

SUB-DIVISION AND STATION	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Man temperature of the air and humidity: Dry bulb.	Man temperature of the air and humidity: Wet bulb.	Man temperature of the air and humidity: Dew point.	Man temperature of the air and humidity: Vapour pressure.	Man temperature of the air and humidity: Departure from normal.	Man temperature of the air and humidity: Relative humidity.	Man temperature of the air and humidity: Departure from normal.	Total cloud amount: Mean amount.	Total cloud amount: Departure from normal.	Wind direction number of observations from:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb	%	%	oktas										
EAST PAKISTAN (EAST)																							
Cox's Bazar	0000																						
	0300	38	1002.9	+1.6	1004.2	79.9	78.1	77.0	31.9	0.0	91	+3	6.6	+0.1	0	0	0	16	13	0	1	0	1
	1200		1000.5		1001.7	80.6	78.1	77.4	32.2		89		6.3		0	0	1	13	14	1	1	0	1
Chittagong	0000																						
	0300	87	1000.8	+1.3	1003.7	79.3	77.1	76.3	30.8	−0.4	91	+5	7.4	+1.1	0	0	1	17	11	1	0	0	1
	1200		998.3		1001.2	80.3	77.6	76.8	31.1		89		7.0		0	0	0	9	16	5	1	0	0
Noakhali (Maijdi)	0000	25	1000.7		1001.6	78.9	77.8	77.2	32.3		95		7.5		0	0	0	17	0	0	0	0	14
	0300		1002.0	+0.9	1002.8	80.2	78.6	77.7	32.6	0.0	93	+5	7.6	+2.0	0	0	0	16	0	0	0	0	15
	1200		999.5		1000.4	82.1	79.0	77.4	32.5		87		6.8		0	0	0	27	0	0	0	0	4
Comilla	0000	29	1000.6		1001.6	78.2	77.4	76.9	31.3		95		7.2		0	0	0	21	9	0	0	0	1
	0300		1002.0	+1.0	1003.0	81.5	79.0	77.9	32.2	0.0	89	+4	7.1	+1.3	0	0	0	9	21	1	0	0	0
	1200		999.5		1000.5	82.9	79.7	78.3	33.6		87		6.4		0	0	0	4	25	1	0	0	1
Brahmanbaria	0000	32	1000.3		1001.4	78.9	77.6	77.3	31.5		93		8.0		0	0	0	12	13	1	0	0	5
	0300		1001.6		1002.7	82.2	79.1	77.8	32.5	+1.7	87	+6	6.7		0	0	0	8	20	3	0	0	0
	1200		998.9		1000.0	82.7	79.2	77.8	32.8		85		5.8		0	0	0	3	23	2	0	0	3
Srimangal	0000	69	999.4		1001.8	77.0	75.7	75.2	29.5		93		7.0		0	0	1	2	4	0	0	0	24
	0300		1000.5	+0.4	1002.9	81.1	78.0	76.7	31.4	−0.4	78	+1	7.1	+1.7	0	0	0	9	19	0	0	0	2
	1200		997.7		1000.1	81.6	79.2	78.2	33.3		89		6.7		0	0	0	6	15	6	0	0	4
Mymensingh	0000	62	998.8		1001.0	79.2	77.9	77.4	31.5		93		7.0		0	0	4	2	0	0	0	0	25
	0300		1001.1	+0.4	1002.3	82.1	79.3	78.0	32.5	0.0	87	0	7.7	+0.8	0	0	10	5	2	1	1	0	12
	1200		997.3		999.4	83.0	79.6	78.3	32.8		85		7.2		0	0	8	1	1	0	0	0	21
Narayanganj	0000	26	1000.2		1001.1	80.7	78.7	78.0	32.9		91		7.5		0	0	1	6	18	2	0	0	4
	0300		1001.4	+0.9	1002.3	82.8	79.4	78.1	32.8	−0.1	85	0	7.6	+0.6	0	0	1	9	14	5	1	0	1
	1200		998.7		999.6	84.1	79.7	77.8	32.4		81		7.1		0	0	0	6	20	3	1	0	1
Dacca Tejgaon	0000	27	999.3		1000.3	79.6	78.4	77.6	33.4		96		7.7		0	0	0	5	15	6	1	0	4
	0300		1010.7		1001.7	82.4	79.7	78.5	33.3		89		7.7		0	0	1	4	20	3	2	0	1
	1200		997.9		998.9	83.5	79.6	77.9	32.0		83		7.1		0	0	0	3	21	5	1	0	1
(EAST PAKISTAN (DELTAIC)																							
Faridpur	0000	46	999.0		1000.7	79.8	78.7	78.2	33.4		96		7.2		0	1	0	10	16	2	0	0	2
	0300		1000.0	+0.7	1001.6	82.6	80.0	75.6	34.4	+0.7	89	+4	7.4	+1.2	0	0	0	6	19	3	0	1	2
	1200		997.6		999.2	83.4	80.2	78.9	33.6		87		6.9		0	0	1	8	13	3	0	0	6
Barisal	0000	11	1000.6		1001.0	79.5	78.3	78.2	32.3		95		6.7		0	0	0	6	2	0	0	0	23
	0300		1001.9	+1.2	1002.3	82.0	79.4	78.3	33.3	+0.2	89	+2	6.7	+0.4	2	0	1	7	12	1	1	0	7
	1200		999.3		999.4	83.8	79.5	77.7	32.4		81		6.0		0	0	0	10	10	0	1	0	10
Khulna	0000	16	1000.1		1000.6	79.5	78.5	78.2	32.3		95		7.5		0	0	0	6	11	5	0	0	9
	0300		1001.6	+1.8	1002.2	83.1	80.1	78.8	33.6	+0.8	87	+4	7.8	+0.8	0	0	0	7	11	4	0	1	8
	1200		998.8		999.4	83.6	80.4	79.2	34.8		87		7.6		1	0	0	6	11	4	0	0	9
Satkhira	0000	16	999.7		1000.2	79.5	78.4	78.0	32.3		95		6.7		0	0	0	1	0	3	0	0	27
	0300		1001.2	+1.7	1001.7	84.1	80.5	78.7	34.0	+0.3	85	0	6.6	+0.7	0	1	0	1	7	5	0	0	17
	1200		998.3		998.8	84.0	80.3	78.2	34.0		85		6.7		0	1	0	2	2	4	0	0	22

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY 1955

SUB DIVISION AND STATION	Hours of observation.	Height of barcistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas									
EAST PAKISTAN (DELTAIC)—contd.																						
Jessore	0000	26	999.5		1000.4	79.5	78.5	78.2	32.3		95		7.2		0	0	1	4	22	3	0	0
	0300		1000.7	+0.9	1001.6	83.0	80.4	79.2	34.4	+0.8	89	+4	7.2	+0.8	0	0	1	5	19	6	0	0
	1200		997.8		998.7	84.3	80.7	79.2	34.0		85		7.4		1	0	0	4	24	2	0	0
EAST PAKISNAN (NORTH)																						
Pabna	0000																					
	0300					83.9	81.4	81.0	35.6	+2.0	89	+5										
	1200																					
Sirajganj	0000	49	999.7		999.3	56.6	79.8	78.3	32.6		93		6.9		0	0	7	9	4	0	0	0
	0300		999.1		1000.8	69.6	82.2	78.6	33.3		89		6.6		2	0	7	14	5	0	0	0
	1200		996.1		997.8	74.3	82.4	78.5	32.5		87		6.7		0	0	5	12	6	0	0	0
Bogra	0000	63																				
	0300		999.0	+0.3	1001.2	81.9	79.6	78.6	33.3	+0.1	89	+4	7.1	+0.8	0	1	1	9	4	10	2	1
	1200		996.5		998.6	83.3	79.9	78.5	32.8		85		6.2		1	1	5	5	8	5	1	1
Dinajpur	0000	123	996.0		1000.2	79.6	78.4	78.1	33.4		96		6.8		0	0	4	2	1	0	0	0
	0300		996.8	—0.3	1001.0	82.5	79.7	78.6	33.6	+0.8	87	+1	7.1	+0.9	0	0	4	0	1	1	0	0
	1200		994.3		998.5	83.6	80.1	78.5	34.0		85		6.6		0	0	0	3	1	0	0	0
Rangpur	0000																					
	0300	—											6.8		0	9	17	2	1	0	0	0
	1200												6.3		0	7	16	0	0	0	0	0
KASHMIR																						
Srinagar (X)	0300	5205																				
	1200																					
Gulmarg (X)	0300	8709																				
	1200																					
Gurez (X)	0300	—																				
	1200																					
Sonamarg (X)	0300	—																				
	1200																					
Dras (X)	0300	10059																				
	1200																					
Kargil (X)	0300	—																				
	1200																					
Leh (X)	0300	11529																				
	1200																					
Skardu (X)	0300	7250																				
	1200																					

x—Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY 1955

SUB DIVISION AND STATION	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observation from —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb	°F			Mb.	Mb.	%	%	oktas										
Gilgar	0000		697.7		706.6	50.7	40.4	28.2	5.3		42		1.0		0	0	2	0	0	0	4	0	25
	0300	10190	698.3	—	707.1	55.8	43.0	28.5	5.5	—	35	—	1.3	—	0	0	2	0	0	0	2	0	27
	1200		694.4		702.9	69.9	48.6	26.1	5.0		20		2.9		0	0	22	0	0	0	9	0	0
Gilgit (x)	0000																						
	0300	4950																					
	1200																						
Jammu (x)	0000																						
	0300	1200																					
	1200																						
NORTH PUNJAB																							
Lahore (Jail Rd)	0000		972.2		995.8	82.3	76.5	73.4	28.4		75		2.1		0	3	2	7	1	2	0	1	15
	0300	702	973.5	—0.5	997.0	86.2	77.8	74.0	28.7	—0.7	67	—2	2.3	—0.9	0	6	3	7	3	4	7	0	1
	1200		970.8		993.8	99.0	79.8	70.8	26.0		41		1.1		0	2	1	7	1	3	11	4	2
Lahore Cantt.	0000		971.8		995.5	82.9	76.5	73.3	28.3		73		2.4		1	2	7	4	2	3	0	0	12
	0300	703	973.2	—	996.8	86.4	77.5	73.5	28.2	—	65	—	2.1	—	0	4	6	5	1	11	3	0	1
	1200		970.4		993.3	98.5	79.1	69.7	25.1		40		1.4		1	1	5	3	3	9	2	5	2
Lahore Walton	0000		972.7		996.3	83.2	76.6	73.9	28.3		73		2.1		2	3	6	8	4	1	3	0	4
	0300	699	973.5	—	996.8	86.9	77.9	74.2	28.6	—	65	—	2.2	—	0	3	6	8	2	7	3	1	1
	1200		971.1		993.8	99.2	79.6	71.1	25.6		40		1.7		0	1	3	3	1	4	9	7	3
Sialkot	0000		958.2		996.1	82.5	76.2	73.5	28.0		73		3.9		0	6	0	6	0	0	0	2	17
	0300	830	969.6	—0.4	997.4	86.9	77.8	73.4	28.5	—1.4	65	—10	3.6	+0.4	0	10	0	11	0	1	0	2	7
	1200		967.4		994.5	97.9	81.8	75.0	29.7		49		3.3		0	6	0	12	0	3	0	3	7
Peshawar	0000		970.2		996.0	82.3	75.2	71.7	26.7		71		2.5		2	0	1	5	1	0	0	3	19
	0300	765	971.6	—	997.0	87.6	76.7	71.4	26.4	—	59	—	2.1	—	3	1	6	11	2	0	0	3	5
	1200		968.6		993.3	89.5	78.3	68.6	23.9		38		2.2		1	1	3	9	6	6	2	0	3
Chakala	0000		941.5		887.2	79.6	71.3	67.3	22.8		66		2.3		2	5	13	1	1	0	0	1	8
	0300	1667	942.4	—	888.7	85.9	73.7	67.5	23.5	—	55	—	1.8	—	0	6	9	8	3	0	1	0	4
	1200		934.7		887.4	97.8	74.6	63.1	19.8		33		2.7		1	2	2	7	5	5	6	1	2
Rawalpindi	0000		942.5		888.5	80.0	71.8	68.7	23.3		67		2.4		0	1	0	1	1	1	0	0	27
	(a) 0300	1676	943.8	+1.5	890.9	84.7	72.9	66.6	22.8	—3.7	55	—11	1.7	—1.7	0	0	0	0	1	1	0	0	28
	1200		938.9		887.0	98.1	79.0	70.7	26.1		42		1.8		1	1	0	0	8	5	1	0	15
Murree	0000		778.9		794.4	62.2	58.1	54.7	15.0		79		4.7		0	4	1	3	0	0	0	16	7
	3000	7113	779.9	—0.4	795.2	67.0	60.4	56.1	15.6	—1.6	69	—9	3.9	—0.2	0	2	4	5	0	0	8	4	8
	1200		779.2		794.3	74.2	64.2	58.2	16.9		58		4.5		0	4	5	2	1	3	6	9	1
Campbellpur (R)	0000																						
	0300	—																					
	1200																						
Khushab	0000		974.7		995.6	82.6	75.1	71.3	26.3		69		1.0		1	13	5	2	0	2	1	2	5
	0300	616	976.0	—0.7	996.6	88.0	77.6	72.9	27.6	—1.5	60	—6	1.3	—1.2	1	7	4	3	2	3	0	0	11
	1200		973.3		993.5	100.0	79.2	68.8	24.6		37		1.5		0	3	4	3	10	9	1	0	1
Sargodha (x)	0000																						
	0300	—																					
	1200																						

(R) Registerd not received.

(a) Mean for 30 days.
(x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY, 1955.

SUB-DIVISION AND STATION	Hours of observation.	Height of barcistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Relative humidity.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas									
Lyallpur	0000		974.6		995.0	83.5	76.1	72.3	27.4		69		1.9		1	0	3	4	6	5	0	0
	0300	605	976.3	−0.2	996.6	86.8	77.4	72.9	27.9	−0.3	63	0	1.0	−2.2	0	1	1	5	7	4	0	0
	1200		973.9		993.7	102.3	81.0	72.5	26.4		37		1.0		2	1	1	6	10	5	0	0
SOUTH PUNJAB																						
Leiah (x)	0300	—																				
	1200																					
Montgomery	0000	558	976.5		995.3	84.3	76.6	73.0	27.8		69		1.5		0	0	0	3	0	12	1	0
	0300		978.2	+0.1	997.0	86.6	77.7	73.5	28.4	−3.3	65	−5	1.6	−0.3	0	0	0	9	3	14	2	0
	1200		975.9		994.1	100.5	81.4	73.4	27.9		42		1.0		0	0	0	4	0	17	1	0
Multan (S)	0300	413	982.7	+0.2	996.6	86.8	75.8	71.0	25.5	−6.9	58	−10	1.3	−0.5	2	2	0	1	8	16	0	2
	1200		979.7		993.1	103.1	80.8	70.2	25.7		35		0.8		1	1	1	1	11	6	6	2
Khanpur P.B.O.	0000	290	985.9		995.8	83.4	76.0	71.7	27.3		69		1.2		0	1	0	1	6	19	0	1
	0300		987.2		997.1	86.1	76.9	72.7	27.4		64		1.3		1	1	0	0	7	19	3	0
	1200		983.4		992.8	104.3	80.2	67.9	24.2		32		0.6		0	1	2	2	6	13	5	2
Khanpur (S)	0300	297	987.1	+0.4	997.2	86.5	78.6	74.9	29.8	+0.4	69	+3	0.7	−1.4	3	0	0	0	8	15	3	0
	1200		983.2		992.9	105.4	83.2	73.4	28.7		37		0.7		1	1	0	1	0	19	1	0
Bahawalpur	(a) 0300	384	984.0	+0.4	997.0	87.2	77.4	73.3	27.6	−4.3	63	−5	1.1	−1.1	0	1	0	0	10	13	0	0
	1200		980.9		993.4	103.6	81.2	71.3	26.2		36		0.5		0	0	0	1	1	14	0	0
Fort Abbas	0000	475	980.2		996.2	86.2	75.4	69.3	25.2		58		1.3		1	2	0	0	7	16	4	1
	0300		981.7	—	997.6	90.2	76.4	69.6	24.8	—	50	—	0.7	—	1	2	0	1	6	17	4	0
	1200		977.8		993.3	102.6	77.6	65.0	21.0		30		0.8		0	2	1	0	11	14	3	0
N.-W.F.P. (UPPER)																						
Drosh	0000	4806	845.1		890.9	74.8	61.1	50.6	12.9		44		1.5		0	2	0	4	0	2	0	0
	0300		848.8	+1.5	894.3	80.1	63.9	52.0	13.7	−3.8	39	−17	1.1	−0.3	0	0	1	1	0	0	0	0
	1200		841.5		885.2	94.6	67.4	50.2	11.8		22		2.6		0	1	0	0	0	19	1	0
Chakdara	0000	2197	921.7		886.3	76.4	68.0	63.4	19.9		63		1.8		9	7	0	0	0	0	0	0
	0300		922.9	—	887.7	81.7	70.7	65.0	21.2	—	57	—	2.1	—	10	10	0	0	0	0	0	0
	1200		920.2		886.1	95.2	75.2	65.5	21.7		38		2.4		0	3	1	6	12	6	2	1
Peshawar	0000	1155	956.1		994.8	81.2	71.7	65.9	22.3		61		1.2		3	2	0	2	2	1	0	11
	0300		957.5	−0.8	995.7	87.1	75.0	68.9	24.2	−1.2	55	−3	1.3	−1.5	10	3	0	3	0	0	0	8
	1200		953.9		991.0	101.0	76.9	63.5	20.6		31		2.5		2	18	3	0	5	2	0	0
Risalpur	0000	993	962.1		995.4	82.8	73.2	68.1	23.6		62		1.5		2	1	7	7	0	2	0	1
	0300		963.4	—	996.4	88.8	75.5	68.7	24.1	—	52	—	1.6	—	0	3	6	7	2	3	3	1
	1200		959.7		991.7	103.8	77.2	62.4	19.8		27		2.0		2	6	7	7	1	3	2	1
Haripur (Hazara)	0300	1737	938.3	—	886.7	80.4	73.5	70.3	25.4	—	71	—	0.8	—	0	0	31	0	0	0	0	0
	1200		937.8		887.7	96.0	78.2	70.6	25.7		44		2.1		1	3	0	0	1	2	24	0
Kakul	0000	4214	862.9		891.4	71.7	63.9	58.2	17.1		64		3.7		5	6	4	7	0	2	0	7
	0300		863.5	—	891.8	77.0	67.0	61.2	18.5	—	58	—	3.6		1	2	1	6	5	3	3	10
	1200		862.1		889.8	87.9	67.8	56.9	15.1		33		3.5		1	1	0	3	5	10	3	8
Charat	0000	4272	859.7	−1.1	889.6	74.8	66.8	62.0	18.0	−0.1	65	−10	2.1	−1.5	4	0	0	9	10	0	0	4
	0300		860.8		890.7	77.8	68.9	63.9	20.5		62		1.6		4	0	0	12	12	0	0	3
	1200		858.9		888.0	89.1	71.9	62.4	19.7		42		2.8		1	1	0	14	14	0	0	1

(x)—Data not available.

(a)—Mean for 30 days.

SUB-DIVISION AND STATION	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	Oktas										
andikotal	0000	3503	883.0		889.6	76.9	(a) 66.5	(a) 59.7	17.9		56		0.7		7	9	0	2	1	0	1	3	8
	0300		883.7	—	890.3	82.4	(a) 68.4	(a) 59.5	18.0	—	47	—	0.8	—	0	15	1	4	0	0	1	6	4
	1200		881.4		887.8	94.8	(e) 71.6	(e) 59.2	17.0		31		1.3		0	8	0	17	2	2	0	2	0
N.W.F.P. (LOWER)																							
ohat	0000	1667	941.6	—	887.7	84.1	72.1	65.8	22.0	—	55	—	1.2	...	2	3	4	0	0	0	1	12	9
	0300		942.8		889.4	89.1	73.3	65.2	21.6		45		1.3		0	1	3	6	1	3	1	7	9
	1200		940.0		887.8	98.8	74.0	60.6	18.5		29		3.1		1	1	0	12	4	7	3	3	0
arachinar	0000	5673	820.0		793.9	67.0	60.9	57.2	16.1		72		1.0		11	4	0	0	0	0	0	2	14
	0300		820.3	—0.1	794.4	76.7	63.6	57.1	15.4	—2.0	50	—10	1.0	—1.5	0	0	0	4	0	1	0	0	26
	1200		819.0		793.9	84.0	68.1	59.4	17.7		44		3.2		0	3	0	25	0	1	0	1	1
iranshah (R)	0000	3026																					
	0300																						
	1200																						
anu	(a) 0000	1263	952.5		994.7	81.9	74.5	70.2	25.8		69		1.0		2	4	2	2	0	(a) 1	2	3	14
	0300		953.9	—	995.6	88.8	77.7	72.2	27.3	+0.8	59	+1	1.6	—0.5	1	5	6	5	2	1	0	3	8
	1200		951.5		992.4	98.1	79.1	69.7	25.3		41		1.2		0	0	10	16	2	2	0	1	0
Vana	0300	4503	854.2	—	*	*	*	*	*	—	*	—	0.0	—1.5	0	0	0	0	0	0	0	0	31
	1200		852.5		*	*	*	*	*		*		0.0		0	0	0	0	0	0	0	0	31
), I, Khan	0000	570	975.0		994.2	83.4	75.7	71.9	26.9		69		1.0		0	1	0	0	0	0	0	0	30
	0300		976.3	—1.0	995.4	86.7	78.1	74.2	28.9	—2.0	67	—2	1.1	—0.9	0	2	0	0	0	0	0	1	28
	1200		974.4		992.8	102.3	83.2	74.0	30.1		44		1.0		0	3	0	1	0	1	0	1	25
AFGHANISTAN																							
alalabad (x)	0300	1950																					
	1200																						
abul	0300	5955	814.5	—	796.9	69.6	54.0	40.4	8.7	—2.1	36	—2	0.0	—0.6	2	2	0	0	2	3	11	11	0
	1200		812.6		795.8	89.8	61.5	40.1	8.5		18		1.4		13	12	2	1	0	0	0	2	1
andhar (x)	0300	3462																					
	1200																						
BALUCHISTAN (NORTH)																							
ort Sandeman	0300	4614	852.1	+1.0	891.7	81.7	67.9	59.2	18.3	—1.0	49	—12	0.5	—0.9	1	11	1	2	2	2	1	1	10
	1200		848.9		887.3	95.5	64.4	37.9	7.8		14		3.0		0	6	5	6	6	3	3	1	1
indubagh	0000	5909	812.4		793.8	69.6	60.6	53.1	14.6		58		0.1		0	0	0	0	1	9	15	4	2
	0300		813.6	—	795.2	78.4	66.0	57.4	16.9	—	51	—	0.6	—	0	1	5	4	4	13	4	0	0
	1200		810.6		792.8	95.5	73.2	61.3	19.1		34		1.7		2	0	3	2	3	7	12	2	0
oraja	0000	4699	846.7		889.6	71.3	62.0	55.0	14.8		57		0.0		0	0	0	4	0	3	6	0	18
	0300		847.6	—	890.3	79.1	65.3	55.8	15.4	—	45	—	0.2	—	0	1	0	0	1	3	5	0	21
	1200		845.2		886.3	91.9	67.5	49.7	13.0		25		1.5		0	0	1	2	0	14	5	0	3
ibi	0000	441	980.8		995.6	90.8	78.3	72.3	27.6		55		0.3		0	0	0	17	2	3	1	0	8
	0300		982.2	+1.3	997.0	91.3	79.7	73.9	29.2	+2.1	59	+4	0.4	—1.2	0	0	0	11	5	11	0	0	4
	1200		977.9		992.0	108.1	83.2	71.3	27.1		33		0.5		0	0	0	20	3	8	0	0	0

(R) Register not received.
(x) Data not available.
(*) Data rejected.
(a) Mean for 30 days.
(e) Mean for 28 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY 1955.

Division and Station	Hours of observation.	Mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 6pkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observation From :— N	NE	E	SE	S	SW	W	NW
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas									
BALUCHISTAN (NORTH)																						
Quetta (Sumangli)	0000	5253	832.6		794.8	68.4	61.7	57.9	16.3		70		0.2		0	0	8	9	2	0	0	1
	0300		833.4	—	796.2	76.6	67.3	62.3	19.6	—	62	—	0.2	—	0	0	5	16	2	1	1	1
	1200		830.8		795.2	96.4	72.7	60.1	18.7		32		1.5		2	0	0	2	2	0	14	11
Quetta	0300	5490	824.4	—1.8	794.2	76.7	65.5	58.7	17.9	—0.2	56	—5	0.4	—0.7	0	0	0	0	0	0	0	0
	1200		821.8		792.8	94.2	65.6	46.7	11.2		21		1.3		6	4	0	0	3	7	3	6
Chaman	0000	4311	856.9		887.2	79.4	59.7	42.0	9.5		28		0.1		0	0	14	15	2	0	0	0
	0300		858.8	—0.9	889.2	86.0	63.7	46.4	10.9	—2.0	25	—8	0.5	—0.2	2	1	0	2	7	6	3	1
	1200		856.4		885.8	101.1	70.9	51.6	13.7		20		0.4		1	1	0	0	1	9	11	6
Kalat	0000	6616	793.5		794.9	61.7	52.6	43.3	10.5		55		0.0		0	1	2	3	23	0	1	0
	0300		794.3	+0.4	795.9	75.1	58.8	45.6	10.8	—1.5	36	—11	0.0	—1.6	1	0	1	2	20	1	2	1
	1200		792.3		793.7	88.7	59.0	32.7	6.8		15		0.2		0	0	1	1	7	1	4	9
Nushki	0000	3416	895.0		898.9	87.5	61.3	34.9	7.8		18		0.0		0	0	1	2	1	15	3	7
	0300		896.9	—	900.9	91.3	62.5	38.6	7.3	—	15	—	0.0	—	1	2	7	2	0	5	4	7
	1200		889.3		892.9	106.3	78.9	65.3	22.0		28		0.0		1	0	0	1	2	5	15	7
Dalbandin	0000	2785	904.7		889.0	79.4	58.9	39.3	9.0		25		0.3		0	2	0	4	0	9	0	10
	0300		905.2	—0.6	889.7	85.0	62.5	43.6	10.2	—2.5	25	—8	0.5	—0.5	1	4	0	0	2	7	2	2
	1200		902.7		887.9	107.5	71.3	46.3	11.2		14		1.0		1	1	1	4	6	9	2	5
Nokkundi	0000	2229	921.1		888.7	85.3	61.0	42.4	8.1		*		0.1		2	5	3	0	0	0	1	19
	0300		922.5	—	870.0	90.8	65.7	45.2	11.7	—5.5	23	—15	0.3	—0.7	4	3	8	1	0	1	0	14
	1200		919.6		888.7	109.8	74.9	54.1	15.3		17		0.3		3	0	3	2	1	1	2	13
BALUCHISTAN (SOUTH)																						
Panjgur	0000	3177	894.1		890.7	76.9	65.8	57.4	17.4		*		0.0		1	0	0	0	2	1	2	3
	0300		895.7	+1.2	892.3	77.8	65.2	56.2	16.4	—6.6	50	—15	0.0	—1.8	0	0	0	0	1	11	1	3
	1200		893.2		889.9	98.8	68.6	45.5	12.0		19		0.0		0	0	0	1	1	17	1	10
Turbat	0000	510	982.9	—	1000.3	81.5	75.9	73.2	27.7	—	76	—	6.4	—	1	0	0	3	4	18	2	0
	0300		983.9		1000.9	84.3	77.1	73.5	28.5		71		5.7		0	0	0	2	2	11	2	0
	1200		979.6		996.2	101.8	82.0	71.9	28.2		40		2.2		1	1	0	2	4	19	3	0
Jivani	0000	185	992.5		998.5	81.0	77.1	75.9	29.9		83		5.0		0	0	3	7	13	1	0	0
	0300		993.6	—	999.6	82.4	77.7	75.5	30.2	—	81	—	6.2	—	0	2	4	8	14	1	0	0
	1200		991.4		997.4	86.1	79.2	75.9	30.7		72		3.4		0	0	0	13	17	1	0	0
Pasni	0000	28	998.0		998.9	79.0	76.6	75.3	30.0		88		0.0		0	0	1	0	0	1	1	0
	0300		998.9	+0.9	999.8	81.4	76.4	73.7	28.4	—4.2	78	—6	3.1	—1.9	0	2	2	4	1	6	5	4
	1200		996.6		997.5	88.0	77.9	73.5	28.2		62		0.8		0	0	0	3	4	23	1	0
Ormara	0000	15	997.8		998.3	81.1	79.8	79.5	33.7		93		4.1		0	0	0	0	0	13	13	0
	0300		999.0	—	999.5	82.9	80.8	80.1	35.3	+3.7	91	+8	6.1	+0.4	0	0	1	0	2	13	13	0
	1200		996.4		996.9	87.9	84.5	83.3	38.9		86		1.9		0	0	0	1	5	17	8	0
Lasbela	0000		988.4		998.1	76.6	70.0	66.1	22.5		71		5.6		0	0	0	8	1	1	0	0
	0300	13	989.0	+0.2	998.5	83.8	76.4	72.4	27.8	—5.1	69	—12	5.2	—0.2	0	1	2	12	13	2	0	1
	1200		985.2		994.8	99.3	80.2	71.1	26.3		41		0.8		0	0	9	7	11	4	0	0

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY, 1955.

Division and Station	Hours of observation	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SIND (LOWER)	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb	%	%	oktas										
Karachi (Manora)	0000	13	998.6		999.0	82.5	79.6	78.3	33.6		87		5.6		0	0	0	0	0	14	14	0	3
	0300		1001.8	+3.3	1002.2	83.3	79.5	77.6	32 0	—0.8	83	—3	5.9	—0.2	0	0	0	0	0	14	15	0	2
	1200		996.7		997.1	86.5	80.8	78.6	34.2		78		4.9		0	0	0	0	0	15	16	0	0
Karachi (Airport)	0000	73	996.2	—	998.7	82.0	77.0	76.0	30.2	—	82	—	4.3	—	0	0	0	0	1	10	18	0	2
	0300		997.5		1000.0	83.8	78.0	75.5	30.0		76		5.0		0	0	0	0	1	11	18	0	1
	1200		995.6		998.1	87.7	78.9	75.5	29.8		66		4.6		0	0	0	0	2	22	7	0	0
Badin	0000	31	997.3		998.4	81.2	76.4	74.1	28.4		78		(a) 0.9		0	0	0	0	0	31	0	0	0
	0300		998.5	+1.4	999.4	83.7	77.6	74.5	30.0	—1.4	75	—4	1.1	—3.8	0	0	0	0	0	30	0	0	1
	1200		996.3		997.3	93.5	78.5	72.1	25.9		49		1.3		0	0	0	0	1	29	1	0	0
Umarkot —	0000	55	995.7		997.6	80.1	77.8	77.0	31.1		89		2.0		0	0	0	0	7	24	0	0	0
	0300		997.1	—	999.0	85.3	79.6	77.3	31.9	—	77	—	3.3	—	0	0	0	0	10	21	0	0	0
	1200		993.5		995.3	88.2	83.0	76.7	31.7		51		3.1		0	0	0	0	5	24	1	0	1
Sukhur	0000	19	997.4		998.1	80.5	75.6	73.5	28.4		78		2.1		0	0	0	0	3	28	0	0	0
	0300		998.5	—	999.2	83.0	76.7	73.4	28.2	—	73	—	3.7	—	0	0	0	0	1	30	0	0	0
	1200		995.3		995.9	96.7	77.9	68.9	24.1		40		2.2		0	0	0	0	1	30	0	0	0
Hyderabad	0000	98	993.9		997.3	81.8	75.7	73.1	27.9		75		0.6		0	0	0	0	2	29	0	0	0
	0300		995.0	+0.9	993.4	84.3	76.6	73.1	27.0	—1.8	68	—3	0.8	—2.7	0	0	0	0	3	28	0	0	1
	1200		992.9		996.3	93.4	77.8	69.3	23.5		42		0.6		0	0	0	0	2	29	0	0	0
SIND (UPPER)																							
Padidan ... — ...	0000	153	989.5		994.6	82.4	75.3	71.8	26.5		71		0.3		0	0	0	23	8	0	0	0	0
	0300		990.8	—	995.9	86.6	76.9	72.3	27.9	—	63		0.3	—	0	0	0	22	9	0	0	0	0
	1200		987.6		992.5	107.2	80.3	67.2	22.7		28		0.2		0	1	0	11	11	7	0	1	0
Nawab Shah	0000	124	991.1		995.4	82.9	77.6	75.1	29.7		77		0.2		0	0	0	0	31	0	0	0	0
	0300		992.8	—	997.1	85.8	78.1	74.6	29.1	—	68	—	0.7	—	0	0	0	0	30	0	0	0	1
	1200		990.3		994.5	103.1	83.3	74.0	29.4		41		0.9		0	0	0	0	28	0	0	0	3
Sukkur	0300	221	988.8	—0.1	996.3	84.2	77.5	74.3	29.3	—2.1	73	—2	0.7	—1.0	0	1	0	6	14	9	1	0	0
	1200		985.1		992 3	104.9	83.9	75.2	30.2		40		0.4		x	x	x	x	x	x	x	x	x
Jacobabad	0000	183	988.7		995.2	85.5	76.9	72.6	27.3		66		0.7		0	1	7	18	5	0	0	0	0
	0300		990.5	+0.5	996.8	87.2	77.8	73.6	27.9	—5.2	63	—5	0.6	—0.9	0	1	4	22	4	0	0	0	0
	1200		986.6		992.6	106.3	81.5	69.9	24.7		31		0.0		0	0	1	19	10	1	0	0	0
Quetta	0000	280	*		*	87.6	79.6	76.8	31.8		69		0.0		0	0	1	2	2	6	2	4	14
	0300		987.7	—	997.0	94.3	84.4	80.7	35.3	—	65	—	0.0	—	2	1	0	3	1	0	0	3	21
	1200		984.5		993.3	*	*	*	*		*		0.0		1	1	0	0	1	1	0	1	26
JUNAGADH																							
Porbandar	(d) 0000	26	—	—	1002.7	82.1	79.0	77.7	32.5	—	87	—	5.0	—	0	0	0	0	(d) 3	9	15	0	0
	(g) 0300		—		1003.8	83.0	79.5	78.3	32.8		85		4.9		0	0	0	0	(g) 1	5	14	1	3
	(i) 1200		—		1082.4	85.2	81.0	78.7	34.3		83		4.6		0	0	0	0	(j) 2	7	11	0	1
ARABIA																							
Muscat	0300	20	997.5	—	998.2	86.7	84.9	83.8	40.2	—	92	—	3.0	+0 4	1	10	6	6	1	0	0	0	7
	1200		995.8		996.5	87.5	84.6	83 0	38.5		88		(b) 1.4		0	17	(b) 6	2	0	0	0	0	(b) 4
Kuwait (xx)	0300	16																					
	1200																						

(*) Data rejected.

(xx)—Observatory remained closed.

(b)—Mean for 29 days.

(d) Mean for 27 days.

(g) Mean for 24 days.

(j) Mean for 21 days.

(a) Mean for 30 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JULY, 1955.

Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Visibility Code Figure 93 or less: Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (East)																					
Cox's Bazar	84.2	—1.1	88	10,11,28	76.1	—0.3	73	29	40.57	+5.05	4 95	4	26	+3.0	5.6	+1.3	0	0	0	0	
Chittagong	84.2	—1.8	87	6 days	76.2	—0 5	74	28,29	51.29	+27.76	13.51	15	25	+6.1	4.9	—2.1	0	0	0	0	
Noakhali (Majdee)	84.7	+1.1	88	28	77.3	—0.9	75	29	24.90	+1.34	2.35	1	28	+5.0	x		0	0	0	0	
Comilla	86.0	—1.7	89	8	77.3	+0 2	75	19,26	26.04	+9.62	4.23	15	23	+4.2	7.8	+3.1	1	0	0	0	
Brahmanbaria	86 6	—2.9	89	8	77.9	+2.1	75	26	17.63	+6.32	3.43	4	15	—1.6	4.3		1	0	0	0	
Srimangal	87.9	—2.4	93	12	76.5	+0.1	72	26	13.17	—0.74	4.76	26	20	—0.8	1.6	—1.6	0	0	0	0	
Mymensingh	86.9	—1.0	91	13,14	77.9	—0.4	76	4 days	21.11	+5.09	2.71	30	19	—0.2	1.2	+1.1	0	0	0	0	
Narayanganj	87.1	—1.1	90	10,27	78 8	—0.1	74	26	13.21	+0.24	1.83	4	20	+2.3	4.0	—0.4	0	0	0	0	
Dacca (Tejgaon)	87.0	—	90	10	78.1	—	76	4 days	15 89	—	3 67	4	19	–	6.5	—	5	0	0	0	
EAST PAKISTAN (Deltaic)																					
Faridpur	87.2	—0.6	90	12,27,28	77.4	—1.1	73	26	13.88	+1.14	1.74	16	22	+5.2	6.0	+0.7	2	0	0	0	
Barisal	87.0	—0.3	90	6 days	78.3	—0.1	75	6,7,27	13.97	—2.35	2.58	6	18	—3.1	x		0	0	0	0	
Khulna	88.3	+0.4	93	25	78.3	—0.3	73	7	15.59	+1.15	3.32	6	18	—3.1	3.7	0.0	0	0	0	0	
Satkhira	88.5	0.0	93	4 days	77.8	—0.6	75	6,22,27	10.75	—2.75	1.41	5	18	—0.4	0.6	—1.8	0	0	0	0	
Jessore	88.5	+0.4	93	11	77.7	—0.3	73	6,27	12 25	+0.03	3.27	6	20	+2.3	3.8	+1.2	0	0	0	0	
EAST PAKISTAN (North)																					
Pabna	91.6	+1.9	94	10	77.7	+1.3	74	11,20,29	x	—	x	x	x	—	x		0	0	0	0	
Sirajganj	x	—	—		78.6		74	26	13.23	+1.45	3.76	25	16	—0.1	x		0	0	0	0	
Rajshahi									(e) 13.74		2.80	25	15	—0.3			0	0	0	0	
Bogra	88.0	—1.2	93	10	78.7	+0.2	75	11	19.34	+6.51	2.41	24	19	+2.2	2.5	+0.5	9	0	0	0	
Dinajpur	87.4	—1.8	91	8,9,14	77.8	—1 1	74	26	19.91	+4.44	2.92	25	25	+8.3	2.7	+0.2	1	0	0	0	
Rangpur									33.96	+17.95	7.15	25	21	—6.0			0	0	0	0	
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Misgar	74.0	—	86	17	48.7	—	41	11,22	0.04	—	0.03	8	0	—	2.9	—	0	0	0	0	
Gilgit (x)																					
Jammu (x)																					
PUNJAB (North)																					
Lahore (Jail Rd.)	100.0	+0.4	109	15	81.6	+1.5	70	20,21	3.25	—2.20	1.47	2	4	—1.9	3.1	+0.9	4	0	0	0	
Lahore Cantt.	99.3	—	107	14,15	81.5	—	70	20,21	3.90	—	1.26	1	5	—	5.4	—	3	0	0	0	
Lahore (Walton)	100.1	—	109	14,15,17	80.5	—	69	20	3.73	—	1.32	2	5	—	6.4	—	2	0	0	0	
Sialkot	100.6	+3 2	112	15	80.4	+0.8	70	20,21	5.32	—3.03	2.81	20	7	—2.0	3.0	+1.1	10	0	0	0	
Jhelum	101.4	—	112	15	80.9	—	71	5,20	3.15	—	2.04	20	3	—	2.6	—	9	0	0	1	
Chaklala	99.9	—	110	15	76.6	—	67	2,19	5.28	—	1.18	20	8	—	5.8	—	18	0	0	0	
Rawalpindi	102.2	+4.4	112	15	(a) 74.0	—3.1	62	2	4.45	—3.62	1.60	2	6	—2.8	(a) 1.8	+0.1	1	0	0	0	

(x)—Data not available.

(e)—Mean for 26 days.

(a)—Mean for 30 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JULY, 1955.

DIVISION AND STATION	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (inches)						Wind Velocity (knots)		Weather Number of Days				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PUNJAB (North)																					
Murree	76.2	0.0	84	15,16	60.2	+1.3	50	20	16.10	+3.70	6.59	19	13	—0.3	4.6	—0.9	13	0	1	0	0
Campbellpur (R)																					
Khushab	102.0	—0.2	113	15	80.7	—1.7	71	21	5.30	+1.40	2.90	20	5	+0.7	4.8	—0.5	3	0	0	0	1
Jargodha (x)																					
Lyallpur	100.1	—1.4	109	14,15	82.2	—0.5	73	7,20,21	2.59	—0.27	2.38	20	2	—1.8	3.7	+0.9	6	0	0	0	1
PUNJAB (South)																					
Leiah (x)																					
Montgomery	101.2	—1.7	109	14	82.6	—1.1	74	9,20,21	3.88	+1.46	1.73	20	3	—0.3	2.5	—2.3	4	0	0	0	2
Multan	104.5	+2.1	112	14	*	—	*	—	0.00	—2.01	0.00	—	0	—2.3	3.9	+1.7	0	0	0	0	21
Khanpur (P.B.O.)	105.7	—	110	3	82.4	—	79	24	00.0	—	0.00	—	0	—	8.7	—	1	0	0	19	2
Khanpur (S)	106.6	+1.2	111	3,13	83.5	+0.4	80	24,25	0.00	—2.52	0.00	—	0	—2.9	7.3	+0.1	0	0	0	1	2
Bahawalpur	104.4	+1.1	110	14	x	—	x	—	0.00	—2.44	0.00	—	0	—3.2	3.0	—1.5	0	0	0	0	1
Fort Abbas	104.5	—	111	13,14	85.1	—	77	9	0.32	—	0.32	22	1	—	8.6	—	0	0	0	0	23
N.W.F.P. (Upper)																					
Drosh	101.0	+4.3	113	16	73.2	—0.3	61	9	2.72	+2.12	1.38	9	4	+2.5	3.9	—0.5	10	0	0	0	0
Chakdara	99.2	—	110	15	74.4	—	67	9	1.36	—	0.55	27	4	—	4.6	—	9	0	0	0	0
Peshawar	103.3	+0.8	114	15	79.8	—0.4	70	10	0.24	—1.02	0.17	10	1	—1.0	3.9	+1.9	12	0	0	0	5
Risalpur	107.6	—	118	15	81.2	—	67	21	1.11	—	1.11	21	1	—	4.6	—	7	0	0	0	6
Haripur (Hazara)	*	—	*	—	*	—	*	—	3.86	—	1.22	19	6	—	4.1	—	0	0	0	0	14
Kakul	88.6	—	98	15,16	69.8	—	57	21	13.34	—	4.10	19	11	—	x	—	11	0	0	1	0
Cherat	92.6	+2.9	104	16	72.8	+1.1	63	20,21	1.22	—2.42	0.52	10	3	—1.8	7.6	+2.6	4	0	5	0	0
Landikotal	97.5	—	108	16	75.4	—	63	10	0.14	—	0.12	20	1	—	3.9	—	0	0	1	0	7
N.W.F.P. (Lower)																					
Kohat	104.2	—	114	15,16	82.0	—	70	10	1.93	—	0.86	19	4	—	4.[illegible]	—	15	1	0	0	0
Parachinar	88.6	+1.5	97	16,24	66.0	—0.4	60	10,21	5.40	+1.88	1.40	19	9	+2.1	1.0	+0.8	8	0	0	0	0
Miranshah (R)																					
Bannu	101.7	—1.4	113	15	80.8	—1.7	70	9	2.92	+0.71	1.12	9	4	+0.8	2.9	—	1	0	0	0	1
Wana	*	—	*	—	*	—	*	—	0.77	—0.96	0.41	9	2	—2.0	1.4	—	0	1	0	0	0
D. I. Khan	105.7	+2.4	113	15,16,17	82.8	+0.1	76	20	1.82	—0.47	1.55	20	2	—0.8	0.9	—0.9	0	1	0	0	3
AFGHANISTAN																					
Jalalabad (x)																					
Kabul	91.7	—0.3	99	17	60.4	—0.2	49	11	0.00	—0.07	0.00	—	0	—0.3	3.1	+1.2	0	0	0	0	0
Kandahar (x)																					
BALUCHISTAN (North)																					
Fort Sandeman	100.1	+0.8	107	25	75.6	+0.5	67	11	1.05	—1.09	0.64	11	2	—1.8	3.8	+1.4	10	0	0	0	0
Hindubagh	97.6	—	104	25	64.5	—	58	11	0.00	—	0.00	—	0	—	5.6	—	0	0	0	1	1
Loralai	93.0	—	97	5,6	68.5	—	65	11	0.28	—1.26	0.14	27	2	—0.9	3.9	—	5	0	0	0	0
Sibi	109.5	+1.7	118	3	88.0	+0.8	83	21	0.00	—1.40	0.00	—	0	—2.6	6.6	+1.4	1	0	0	0	0
Harnai									0.42	—2.68	0.30	29	2	—3.0							

(*) — Data rejected.
(R) — Register not received.

(x) — Data not available.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JULY, 1955.

Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (inches)						Wind Velocity (knots)		Weather Number of Days				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard	Hail.	Visibility Code Figure 93 or less: Fog.	Visibility Code Figure 93 or less: Haze (dust).	Visibility Code Figure 93 or less: Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN (North)																					
Quetta (Samungli)	97.8	—	104	25	63.8	—	52	23	0.00	—	0.00	—	0	—	6.3	—	0	0	0	0	1
Quetta	96.6		102	25	65.5	—	53	2	0.00	—	0.00	—	0	—	4.8	+2.4	0	0	0	0	1
Chaman	102.6	+1.5	110	25	75.8	—0.5	69	10	0.00	—0.07	0.00	—	0	—0.2	5.4	+0.4	0	0	0	0	1
Kalat	92.5	+1.4	98	24	60.4	—1.8	54	1,11,12	0.00	—0.60	0.00	—	0	—1.5	5.3	+1.3	0	0	0	0	0
Nushki	109.0	—	114	9,24,25	66.7	—	54	20,22	0.00	—	0.00	—	0	—	6.8	—	0	0	0	0	0
Dalbandin	109.0	+0.3	115	24,25	75.1	—1.1	66	1,2	0.00	—0.12	0.00	—	0	—0.4	4.3	—0.4	0	0	0	4	1
Nokkundi	111.4	+2.0	118	8	82.7	—0.9	74	13	0.00	0.00	0.00	—	0	0.0	9.3	—3.1	0	0	0	0	0
BALUCHISTAN (South)																					
Panjgur	100.2	—3.1	106	7,10	69.9	—6.4	66	1,30	0.00	—0.79	0.00	—	0	—1.3	4.5	—0.4	0	0	0	0	3
Turbat	104.4	—	118	11	81.0	—	77	28	0.00	—	0.00	—	0	—	x	—	0	0	0	0	0
Jwnaoi	89.0	—	99	12	80.4	—	77	28	0.00	—	0.00	—	0	—	8.2	—	0	0	0	0	0
Pasni	90.6	—0.6	98	12	78.1	—0.8	75	28,31	0.02	—0.45	0.02	29	0	—0.6	9.7	+3.9	0	0	0	0	0
Ormara	89.9	—0.3	97	12	8065	—0.7	78	27	0.00	—0.65	0.00	—	0	—1.3	9.9	+1.3	1	0	0	0	1
Lasbela	104.1	+3.3	113	12	*	—	—	—	0.20	—2.43	0.20	9	1	—2.5	3.8	+0.7	0	0	0	0	0
SIND (Lower)																					
Karachi (Manora)	89.1	+0.6	92	13	81.5	+0.4	77	30	0.02	—3.18	0.02	22	0	—2.5	x	—	0	0	0	0	0
Karachi (Airport)	91.2	—	94	7	79.8	—	77	16	0.01	—	0.01	25	0	—	11.7	—	0	0	0	0	0
Badin	97.2	+2.3	105	1	80.5	—0.7	78	26,30	0.00	—3.97	0.00	—	0	—3.8	10.5	—	0	0	0	0	0
Umerkot	101.6	—	107	1,2	80.3	—	78	23,24	0.00	—	0.00	—	0	—	12.9	—	0	0	0	0	7
Chhor	98.1	—	104	13	77.5	—	75	1	0.41	—	0.41	1	1	—	13.0	—	1	0	0	0	1
Hyderabad	99.1	—0.2	106	1	80.8	—0.6	79	27,31	0.00	—2.98	0.00	—	0	—2.9	16.1	+6.8	0	0	0	0	0
SIND (Upper)																					
Padidan	108.4	—	113	11	81.5	—	79	23,24,27	0.00	—	0.00	—	0	—	9.6	—	0	0	0	0	0
Nawabshah	107.9	—	119	8	82.0	—	80	23,27	0.00	—	0.00	—	0	—	10.3	—	0	0	0	0	0
Sukkur	105.7	+1.4	110	1	81.3	—1.7	79	4 days	0.00	—1.44	0.00	—	0	—1.7	4.5	+0.1	0	0	0	0	0
Jacobabad	106.8	—1.2	113	3	84.4	—0.6	81	24	0.00	—0.95	0.00	—	0	—1.5	9.2	+2.7	0	0	0	0	0
Reti	120.6	—	125	4 days	84.4 (m)	—	78	24	0.00	—	0.00	—	0	—	*	—	0	0	0	0	0
Veraval	x	—	—	—	79.9	—	70	5	0.05	—	0.03	23	0	—	x	—	0	0	0	0	0
IRAN																					
Jask																					
ARABIA																					
Muscat	91.3	—3.8	107	31	83.9	—3.3	78	31	0.00	—0.01	0.00	—	0	—0.1	2.8	—0.3	0	0	0	0	0
Kuwait (xx)																					

(*)—Data rejected.
(x)—Data not available.
(xx)—Observatory remained closed.
(m)—Mean for 30 days.

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PAKISTAN WEATHER REVIEW 1955

Monthly Weather Report

August.

PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN

Chief Features.—(1) Movement of two monsoon lows from Rajasthan to Sind during the periods 11th to 14th and 18h to 24th, respectively.

(2) Eastward passage of series of low pressure waves across the extreme north of West Pakistan.

(3) Very heavy rainfall in both the wings on many days of the month, creating an acute flood situation all over the country.

West Pakistan.—Due to the passage of low pressure waves from the west across Kashmir and the incursion of moist air into the north Punjab and the North West Frontier Province, there were local thundershowers in the north Punjab and a few dust or thundershowers in the south Punjab, the North West Frontier Province and northeast Baluchistan on the first 3 days of the second week.

Thereafter two eastern disturbances moved from Rajasthan to Sind and low pressure waves moved eastwards across the extreme north of the country. These were responsible for fairly widespread thundershowers in the north Punjab, the North West Frontier Province and north-east Baluchistan and scattered rain in the south Punjab. The monsoon caused very heavy downpour rain in Kashmir and the Murree hills between the 18th and 24th.

Later on the seasonal trough of low pressure got accentuated and at the same local waves of low pressure passed eastwards across the extreme north of West Pakistan. These caused thundershowers in the north Punjab, scattered in the North West Frontier Province and Sind. Isolated thundershowers were also reported from south Punjab and north Baluchistan on 28th.

According to the press reports, the rapid rise in the levels of different rivers coupled with continued heavy rains caused acute flood situation in many parts of the Punjab and Sind and at a few places in the North West Frontier Province. The losses pertaining to life and property were heavy.

Some of the noteworthy amounts of rainfall were :—Sialkot 4″ on the 5th ; Kakul 6″ on the 7th ; Rawalpindi and Muree 3″ each on the 8th ; Sialkot 3″ on the 10th and the 11th ; Muree 7″ on the 12th ; Nawabshah and Pad Idan 3″ each on the 13th ; Multan 4″ and Lyallpur 3″ on the 14th ; Khushab 4″ on the 15th ; Cherat 5″ and Landi Kotal 3″ on the 18th ; Campbellpur 3″ on the 19th ; Sialkot 3″ on the 29th ; Jhelum 4″ on the 30th and Parachinar 4″ on the 31st.

The total rainfall during the month was in large excess all over the region. The mean maximum temperature was normal in south Punjab. Baluchistan and lower Sind and below normal elsewhere. The mean minimum temperature was above normal in north Baluchistan and normal elsewhere. The mean relative humidity was in excess in North West Frontier Province and north Baluchistan and normal elsewhere. Cloudiness was in excess over the region except in south Baluchistan and in lower Sind where it was normal.

East Pakistan.—Monsoon was generally active over East Pakistan during the first three weeks causing widespread rains with locally heavy falls. The formation of a depression in the northwest Bay of Bengal on the 26th and its northwest-ward movement during the rest of the month was responsible for local rain or thundershowers in the eastern sub-division and a few falls elsewhere in East Pakistan. According to the press reports, the flood situation in East Pakistan worsened greatly and at some places the level of rivers surpassed last year's record. Three was knee deep water in many cities and boats occasionally appeared in most of the Dacca roads. There was heavy loss of crop, life and property.

The outstanding amounts of rainfall were :—Noakhali 7″, Dinajpur 6″ and Chittagong and Mymensingh 4″ each on the 6th ; Mymensingh 7″ on the 14th ; Brahmanbaria 12″ on the 15th and Bogra 5″ on the 18th.

The total rainfall during the month was normal in eastern sub-division, in moderate defect in deltaic sub-division and in large defect elsewhere.

The mean maximum and mean minimum temperatures, mean relative humidity and cloudiness were all normal over the region.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 5 chief divisions and 12 sub-divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent tables.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS FOR AUGUST, 1955.

Division.	PRECIPITATION.				DEPARTURE FROM NORMAL OF				
							0300 hrs. G.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
	Inches	Inches	Inches		Degree	Degree	Mb.	%	
EAST PAKISTAN	12·35	15·46	—3·11	—20	—0·6	+0·1	+0·1	0	+0·5
Mean of East Pakistan	12·35	15·46	—3·11	—20	—0·6	+0·1	+0·1	0	+0·5
Punjab	8·34	4·56	+3·75	+82	—2·8	0·0	+1·6	+0·4	+1·5
N. W. F. P.	3·88	1·76	+2·12	+120	—3·2	—0·3	+3·0	+9	+1·7
Baluchistan	1·41	0·71	+0·70	+99	—0·3	+0·9	+1·0	+3	+0·4
Sind	3·41	1·58	+1·83	+116	—0·9	+0·1	+0·6	+1	+0·8
Mean Of West Pakistan excluding Baluchistan	5·89	3·08	+2·81	+91	—2·2	—0·1	+1·5	+4	+1·3
East Pakistan (East)	19·20	18·88	+0·32	+2	—0·9	+0·2	—0·3	+1	+0·4
East Pakistan (Deltaic)	8·83	12·69	—3·86	—30	+0·1	—0·2	+0·4	+1	+0·4
East Pakistan (North)	4·77	12·95	—8·18	—63	—1·0	+0·4	+0·4	—1	+0·5
Kashmir*									
North Punjab	10·24	6·14	+4·10	+67	—3·6	+0·3	+1·5	+5	+1·8
South Punjab	5·18	2·02	+3·16	+156	—1·7	—0·5	+1·7	+3	+1·3
N. W. F. P. (Upper)	4·27	2·03	+2·24	+110	—4·4	0·0	+3·7	+14	+1·6
N. W. F. P. (Lower)	3·75	1·67	+2·08	+125	—2·8	—0·4	+2·8	+7	+1·7
Baluchistan (North)	1·64	0·86	+0·78	+91	+0·5	+2·1	+2·4	+6	+0·9
Baluchistan (South)	0·94	0·42	+0·52	+124	—1·4	—1·5	—1·5	—3	—0·5
Sind (Lower)	4·38	0·97	+3·41	+352	+0·5	—0·4	+1·6	+3	—0·6
Sind (Upper)	1·95	1·00	+0·95	+95	—2·9	+0·7	—0·9	—3	+3·0

(*) Data incomplete.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest G.P.Km. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
EAST PAKISTAN (East)																							
Cox's Bazar	0300	38	1004·5	+1·6	1005·9	80·7	78·3	77·3	32·2	+0·5	89	+1	5·9	−0·3	0	2	1	22	3	1	0	0	2
	1200		1001·6		1003·0	81·4	78·2	76·8	31·4		87		6·6		0	0	0	14	13	1	1	0	2
Chittagong	0300	87	1002·7	+1·4	1005·6	81·5	77·3	75·8	29·9	−1·4	83	−3	6·3	0	0	0	2	18	10	1	0	0	0
	1200		999·7		1002·6	80·7	77·7	76·6	31·4		87		6·6		0	1	0	11	13	4	2	0	0
Noakhali (Maijdee)	0000	25	1003·1		1003·9	78·5	77·3	76·7	32·3		95		6·8		0	0	0	9	0	0	0	0	22
	0300		1004·4	+1·7	1005·3	80·5	78·2	76·9	32·0	−0·4	89	+2	6·9	+1·5	0	0	0	16	0	0	0	0	15
	1200		1001·4		1002·3	82·9	78·8	77·1	32·0		83		(a) 6·5		0	0	0	20	0	0	(a) 0	0	1
Comilla	0000	29	1002·9		1004·0	77·8	76·8	76·3	31·3		95		6·3		0	0	0	3	19	4	0	0	5
	0300		1004·2	+1·3	1005·2	81·7	78·6	77·3	32·5	+0·4	87	+3	5·8	+0·2	0	0	0	17	11	0	1	0	2
	1200		1001·4		1002·4	83·0	79·3	77·6	32·8		85		6·4		0	0	0	6	19	2	0	0	4
Brahman Baria	0000	32	1002·9		1004·0	79·3	77·6	76·9	31·5		93		7·4		0	0	4	6	15	2	0	0	4
	0300		1004·1		1005·2	82·6	78·8	77·3	32·0	+1·4	83	+3	6·3	0	0	0	1	7	19	1	0	1	2
	1200		1001·1		1002·1	82·9	79·4	78·0	32·8		85		5·8		0	0	0	3	12	4	0	0	12
Srimangal	0000	69	1001·9		1004·3	76·4	75·5	75·0	29·2		95		6·3		0	0	0	1	2	0	0	0	28
	0300		1003·1	+1·4	1005·5	80·4	78·0	77·1	31·1	−0·7	89	+4	6·5	+1·2	0	0	0	6	15	0	0	0	10
	1200		999·7		1002·1	81·3	79·1	78·2	32·9		91		7·0		0	0	0	6	14	4	2	0	5
Mymensingh	0000	62	1001·6		1003·8	79·4	78·2	77·9	32·3		95		5·9		0	0	6	0	0	0	0	0	25
	0300		1003·0	+1·6	1005·2	81·4	79·1	78·3	32·2	−0·5	89	+2	7·0	+0·2	0	0	15	1	2	0	0	0	13
	1200		999·6		1001·7	83·5	80·0	78·7	32·8		85		6·6		0	0	8	2	0	1	0	0	20
Narayanganj	0000	26	1003·0		1003·9	81·0	78·5	78·0	32·2		89		7·3		0	0	5	8	12	3	0	0	3
	0300		1004·1	+1·8	1004·9	83·2	78·9	77·2	31·3	−1·5	81	−5	7·2	+0·3	0	0	4	8	13	3	0	0	3
	1200		1000·8		1001·7	83·9	79·3	77·4	32·4		81		7·2		0	0	1	6	17	2	1	0	4
Dacca (Tejgaon)	0000	27	1001·7		1002·7	79·3	78·0	77·4	31·5		93		7·2		0	0	1	7	13	3	0	0	7
	0300		1003·3	—	1004·3	82·7	79·2	77·7	32·8	—	85	—	7·2		0	0	2	13	12	2	0	0	2
	1200		1000·1		1001·1	83·0	78·8	76·9	32·0		83		7·1		0	0	0	6	16	2	0	0	7

(a) Observations for 30 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0gm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
EAST PAKISTAN (Deltaic)																							
Faridpur	0000	46	1001·2		1002·8	81·2	79·4	75·3	32·9		91		6·4		0	0	3	11	13	1	0	0	3
	0300		1002·8	+1·5	1004·4	83·4	79·8	78·2	32·8	—0·5	85	—1	6·7	+0·7	0	0	1	9	17	1	0	0	3
	1200		999·3		1000·9	84·0	80·2	78·3	33·2		83		6·8		0	0	4	11	13	1	1	0	1
Barisal	0000	11	1002·8		1003·2	79·5	78·0	77·5	31·5		93		5·8		0	0	0	5	4	0	0	0	22
	0300		1004·1	+1·6	1004·5	83·1	80·2	78·7	33·6	+0·8	87	+1	5·7	—0·5	0	0	1	6	13	0	0	0	11
	1200		1001·4		1001·8	83·3	80·0	78·7	32·8		85		5·4		0	0	0	10	7	0	0	0	14
Khulna	0000	16	1002·1		1002·7	79·5	78·7	78·5	32·3		95		6·6		0	0	1	9	12	1	0	0	8
	0300		1004·0	+2·1	1004·5	83·6	80·5	79·1	34·8	+2·2	87	+3	7·5	+0·7	0	0	3	10	13	1	0	0	4
	1200		1000·7		1001·1	83·2	80·2	79·1	33·6		87		7·7		0	1	2	13	8	0	0	0	7
Satkhira	0000	16	1001·8		1002·3	79·1	78·0	77·7	32·3		95		6·5		1	0	0	1	2	1	0	0	24
	0300		1003·3	+1·8	1003·8	83·3	79·9	78·1	32·8	—0·8	85	—1	6·5	+0·7	0	0	0	3	3	3	0	0	22
	1200		1000·5		1001·1	83·4	79·9	78·7	32·8		85		7·1		0	0	0	9	1	2	0	0	19
Jessore ...	0000	26	1001·6		1002·5	78·9	78·1	78·1	32·3		95		5·6		0	0	6	8	12	2	0	0	3
	0300		1003·2	+1·6	1004·1	83·5	80·4	79·1	33·6	+0·2	87	+1	6·9	+0·6	0	0	2	8	17	4	0	0	0
	1200		1000·0		1000·9	83·7	80·3	78·9	34·0		85		7·2		1	0	1	7	21	1	0	0	0
EAST PAKISTAN (North)																							
Pabna	0300					85·5	80·5	78·0	32·7	—0·6	79	6											
Sirajganj	0000	49	1000·6		1002·3	80·1	78·7	78·4	32·6		93		6·4		0	0	12	10	0	0	0	0	9
	0300		1002·2		1003·9	82·0	79·1	77·9	32·5		87		6·2		0	0	11	10	0	0	0	0	10
	1200		999·1		1000·8	82·3	79·2	77·8	32·5		87		5·6		0	0	10	9	0	0	0	0	12
Bogra	0300	63	1002·0	+1·5	1004·2	81·9	79·3	79·0	33·3	+1·1	89	+2	6·9	+0·8	0	0	4	12	2	3	3	0	7
	1200		998·9		1001·0	83·6	82·9	80·0	39·0		98		5·9		0	0	7	8	9	1	0	0	6
Dinajpur	0000	123	999·1		1003·3	79·6	78·3	77·9	32·6		93		6·0		0	0	0	3	0	0	0	0	28
	0300		1000·3	+2·1	1004·5	82·7	79·6	78·3	33·6	+0·6	87	0	6·2 (a)	+0·3	0	0	2	0	0	0 (a)	0	0	29
	1200		997·2		1001·4	84·5	80·4	78·6	34·3		83		4·9		0	1	2	0	0	0	0	0	27
Rangpur	0300																						
	1200												6·6		0	5	17	1	3	0	0	0	5
													5·6		0	7	12	1	1	0	0	0	10

(a) Observations for 30 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure.			Mean Temperature of the Air and Humidity.							Total Cloud Amount.		Wind Direction Number of Observations From :—								
			Station level reduced to standard temperature and gravity.	Departure from normal.	Reduced to standard temperature and M.S.L. or nearest 5 gpkm. level.	Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Mean amount.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
KASHMIR.																							
Srinagar (x)	0000	5205																					
	0300																						
	1200																						
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	—																					
	1200																						
Sonemarg (x)	0300	—																					
	1200																						
Dras (x)	0300	10059																					
	1200																						
Kargil (x)	0300	—																					
	1200																						
Leh (x)	0300	11529																					
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	697·2		705·6	57·1	44·5	31·2	6·1		38		1·6		0	0	3	0	0	0	5	0	23
	0300		697·3		706·0	61·2	47·3	33·7	6·8	—	36	—	1·0	—	1	0	3	0	0	0	1	0	26
	1200		693·5		701·9	77·9	53·9	34·2	7·2		21		2·0		0	0	16	0	0	0	11	0	4
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
Jammu (x)	0000	1200																					
	0300																						
	1200																						

(x) Data not available.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0pkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
NORTH PUNJAB																							
Lahore (Jail Road)	0000	702	975·7		999·5	80·4	77·7	76·6	31·2		89		5·1		0	2	2	9	1	0	0	0	17
	0300		976·9	+0·8	1000·6	82·1	78·6	76·8	31·7	+1·9	85	+12	5·3	+2·2	1	0	4	14	1	0	0	0	11
	1200		974·0		997·4	89·0	80·5	76·6	31·7		67		5·7		1	5	3	12	1	0	2	0	7
Lahore (Cantt.)	0000	703	975·4		999·3	80·3	77·8	76·7	31·4		89		5·2		1	2	6	10	0	0	0	0	12
	0300		976·6	—	1000·5	83·0	78·9	77·1	31·9	—	83	—	5·2	—	2	1	5	18	1	0	0	0	4
	1200		973·5		997·0	89·1	80·0	76·1	30·9		66		5·0		3	6	5	13	2	0	0	1	1
Lahore (Walton) ...	0000	699	975·7		999·5	80·1	77·9	76·7	31·7		91		5·3		0	1	9	12	1	0	1	0	7
	0300		976·8	—	1000·5	83·1	78·9	77·0	31·8	—	83	—	5·5	—	1	1	1	21	1	1	0	0	5
	1200		973·9		997·3	85·5	80·2	76·2	32·8		78		5·3		1	4	6	13	0	0	2	3	2
Sialkot	0000	830	971·7		999·9	79·0	77·8	76·8	32·0		94		6·8		0	6	0	2	0	0	0	1	22
	0300		973·3	+1·0	1001·4	80·5	78·2	77·3	31·9	+1·0	90	+6	7·3	+3·9	0	14	0	6	0	1	0	1	9
	1200		970·8		998·5	87·1	81·1	78·1	33·5		76		5·1		0	8	0	8	0	2	0	2	11
Jhelum	0000	765	974·1		1000·2	78·9	76·8	75·8	30·5		91		5·8		0	3	1	6	1	1	1	0	18
	0300		975·4	—	1001·4	80·7	76·9	75·1	29·8	—	84	—	6·5	—	0	1	1	14	2	0	0	0	13
	1200		972·5		998·0	87·9	79·7	76·1	30·9		69		4·5		0	1	2	10	3	2	1	1	11
Chaklala	0000	1667	944·6		890·1	77·9	75·2	74·0	28·8		88		5·4		0	3	9	6	2	0	0	0	11
	0300		945·8	—	891·2	79·4	75·4	73·5	28·4	—	83	—	6·3	—	0	5	9	12	0	0	0	0	5
	1200		943·2		889·6	87·0	77·5	73·5	28·3		64		4·6		1	3	7	13	4	1	0	1	1
Rawalpindi	0000	1676	945·1		890·8	76·8	74·2	73·1	27·8		89		3·5		0	0	0	0	1	0	1	0	29
	0300		945·5	+1·1	981·4	80·6	75·5	73·8	28·1	+0·3	79	+5	4·2	+0·8	0	0	0	0	0	0	6	0	25
	1200		943·3		890·0	87·5	78·0	74·1	28·9		64		4·5		0	0	0	0	3	0	1	0	27
Murree	0000	7113	780·7		796·2	61·2	60·9	60·6	18·1		98		6·7		0	0	1	12	0	1	0	11	6
	0300		781·7	+0·1	797·2	63·2	62·5	61·9	19·0	+1·1	96	+9	7·1	+2·6	0	0	3	10	0	1	8	5	4
	1200		780·2		795·6	66·7	65·2	64·4	20·7		92		7·4		0	0	5	5	0	0	7	8	6
Campbellpur	0300	1175	960·8		999·8	87·0	77·5	73·0	27·9		63		4·5		0	1	6	11	3	1	2	0	7
	1200		957·8		996·2	95·5	79·0	70·8	26·3		46		2·8		6	1	1	10	3	1	2	1	6
Khushab	0000	616	978·9		999·9	81·2	77·1	75·3	29·9		83		1·9		1	8	4	6	2	2	0	2	6
	0300		979·5	+0·4	1000·3	84·7	79·4	77·1	31·9	+2·1	77	+7	4·0	+1·6	1	5	10	6	1	0	1	1	6
	1200		976·5		996·9	91·3	80·0	75·0	29·9		59		3·4		0	5	12	10	4	0	0	0	0
Sargodha (†)	0300																						
	1200																						
Lyallpur	0000	605	978·4		999·0	81·4	78·1	76·5	31·4		86		3·8		0	2	3	8	3	3	0	0	12
	0300		979·7	+0·7	1000·1	84·0	78·8	77·2	31·3	+2·2	79	+8	3·9	+0·5	2	3	2	3	3	1	0	0	17
	1200		977·1		997·3	89·2	80·6	76·2	31·8		67		5·1		3	2	1	7	4	1	0	0	13

(†) Observery remain closed.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
SOUTH PUNJAB																							
Leiah (†)	0300	490																					
	1200																						
Montgomery	0000	558	979·7		998·7	81·7	78·6	77·2	32·0		87		3·0		0	0	2	6	1	2	0	0	20
	0300		981·0	+0·4	999·9	85·1	79·7	77·4	32·2	+1·1	77	+2	3·3	+1·4	0	0	11	12	0	4	2	0	2
	1200		978·1		996·6	92·5	80·9	76·0	30·7		59		4·2		0	1	3	8	1	3	1	1	13
Multan	0300	413	985·3	+0·3	999·3	86·2	78·8	75·2	30·3	—1·4	70	—3	2·8	+1·0	2	7	1	2	5	6	0	4	4
	1200		982·5		996·3	94·8	80·8	74·1	29·5		53		3·7		1	3	0	4	4	3	5	4	7
Khanpur (P. B. O.)	0000	200	988·2		998·1	82·0	77·5	75·5	30·2		81		3·4		1	4	0	2	4	10	1	0	9
	0300		989·3	—	999·3	85·0	78·3	75·3	30·0	—	73	—	4·3	—	1	3	1	3	5	12	2	0	4
	1200		986·2		995·9	94·3	80·1	73·5	28·6		52		5·1		6	3	2	2	4	6	2	1	5
Khanpur (S)	0300	297	989·2	—0·1	999·3	85·4	80·7	78·2	33·7	+5·7	80	+11	3·7	+1·5	0	0	0	0	0	16	0	0	15
	1200		986·2		996·0	95·0	84·5	80·5	35·7		63		4·4		2	1	0	1	1	8	2	1	15
Bahawalpur	0300	384	986·5	+0·2	999·5	86·3	80·3	77·8	32·6	+1·2	76	+4	3·7	+1·5	0	0	0	0	1	7	0	0	23
	1200		983·7		996·5	94·4	82·9	78·4	33·2		60		4·3		0	0	0	0	1	4	0	1	25
Fort Abbas	0000	475	983·3		999·5	83·3	77·8	75·1	30·0		77		3·9		1	4	4	2	7	8	1	0	4
	0300		983·8	—	999·8	89·4	79·3	75·1	29·6	—	63	—	3·2	—	1	3	5	5	5	8	4	0	0
	1200		980·4		996·1	94·4	79·7	73·2	27·9		51		4·3		6	3	3	3	5	5	4	2	0
N. W. F. P. (Upper).																							
Drosh	0000	4806	845·9		891·4	79·3	68·1	62·0	18·9		55		2·8		0	0	0	0	0	3	0	0	28
	0300		846·4	—2·2	892·1	79·4	68·1	61·2	18·9	+0·6	54	—8	3·7	+1·9	0	0	0	0	0	7	0	0	24
	1200		845·3		889·4	93·2	71·6	59·3	17·6		33		3·4		0	0	0	0	0	28	0	0	3
Chakdara	0000	2197	924·4		888·8	76·9	73·6	72·4	27·0		85		4·5		2	8	0	0	0	0	0	2	19
	0300		925·7	—	890·2	79·1	74·8	73·0	27·7		82	—	5·6	—	2	4	0	4	4	4	0	2	11
	1200		922·9		888·2	88·6	78·6	74·8	29·4		63		3·7		0	1	0	8	4	8	4	2	4
Peshawar	0000	1155	959·5		998·2	80·6	77·2	75·6	30·3		85		4·6		8	5	0	0	0	0	1	10	7
	0300		960·8	+0·2	999·4	82·4	77·9	75·8	30·6	+3·7	81	+14	4·8	+1·6	7	6	0	1	0	0	1	10	6
	1200		957·6		995·5	91·7	79·7	74·4	29·2		57		4·0		8	18	0	4	1	0	0	0	0
Risalpur	0000	993	965·4		999·0	81·6	77·9	76·3	31·0		86		4·1		1	1	17	4	0	0	0	0	8
	0300		996·8	—	1000·3	83·3	78·0	76·4	30·3	—	78	—	5·1	—	0	4	9	7	1	1	2	1	6
	1200		963·7		996·4	92·9	80·3	74·7	29·7		56		3·2		1	5	11	7	1	1	0	0	5

(†) Observatory remain closed.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1955.

Division and Station.	Hours of observation.	Height of bar. cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0pkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas.	oktas.									
N. W. F. P. (Upper)—Contd.																							
Haripur (Hazara)	0300	1737	942·8	—	890·8	78·9	3·8	72·0	26·4	—	79	—	1·9	—	0	0	31	0	0	0	0	0	0
	1200		941·3		890·3	88·2	76·0	71·2	24·7		57		3·3		0	3	0	0	0	0	25	3	0
Kakul	0000	4214	865·1		893·9	70·7	68·7	67·4	23·2		90		6·3		2	4	2	11	8	1	0	3	0
	0300		866·0	—	894·6	72·7	69·8	68·4	23·7	—	86	—	6·8	—	2	0	3	4	11	0	4	7	0
	1200		864·4		892·5	78·0	71·8	68·6	24·1		73		5·7		1	0	0	8	5	9	4	4	0
Cherat	0000	4272	(a) 862·3		(a) 892·7	(a) 70·7	(a) 69·6	(a) 69·0	(a) 24·3		(a) 95		5·2		1	0	0	14	14	0	0	0	2
	0300		863·3	—0·3	893·8	71·8	70·1	69·6	24·5	+2·8	92	+12	5·7	+2·3	1	0	0	14	14	1	0	0	1
	1200		861·4		891·2	79·3	72·7	69·7	24·7		72		3·9		1	0	0	15	15	0	0	0	0
Landikotal	0000	3503	885·2		892·0	75·0	71·0	69·5	24·5		82		4·2		2	11	8	1	1	0	0	0	8
	0300		885·7	—	892·4	76·1	72·1	70·0	25·3	—	80	—	4·1	—	2	20	1	3	0	0	0	1	4
	1200		884·0		890·6	85·8	74·1	68·8	24·7		58		2·7		0	15	0	16	0	0	0	0	0
N. W. F. P. (Lower)																							
Kohat	0000	1667	944·8		890·5	81·3	76·0	73·7	28·5		77		3·6		0	5	1	1	0	1	0	4	19
	0300		945·9	—	891·1	83·0	76·5	73·8	28·5	—	74	—	4·0	—	0	2	4	6	2	3	0	5	9
	1200		943·0		890·0	92·2	77·6	71·5	26·3		51		3·9		1	0	4	12	5	3	0	2	4
Parachinar	0000	5673	821·7		795·5	67·2	64·9	63·6	20·2		88		2·9		7	0	0	1	0	0	0	0	23
	0300		822·0	+0·1	795·8	70·4	66·9	65·5	21·2	+3·3	82	+15	2·9	+0·4	0	0	2	8	0	0	0	0	21
	1200		821·4		795·7	79·1	70·9	67·4	22·9		65		5·4		1	1	1	27	0	1	0	0	0
Miranshah	0000	3026	900·9		893·0	79·7	74·9	72·8	27·6		79		3·1		0	1	0	3	0	2	0	0	25
	0300		900·8		892·9	79·7	75·0	73·1	27·7	+5·0	79	+18	4·6	+2·4	0	3	0	0	0	2	0	0	26
	1200		898·5		890·9	88·0	77·6	73·0	28·1		62		2·3		0	19	4	8	0	0	0	0	0
Bannu	0000	1263	956·1		998·4	82·2	77·8	75·3	30·6		81		2·9		2	3	8	1	1	2	4	0	10
	0300		956·9	—	998·8	86·9	79·0	75·0	30·3	+3·0	69	+4	4·3	+2·2	0	2	9	10	1	4	3	1	1
	1200		954·5		995·9	93·3	80·6	74·5	29·9		56		2·5		2	1	7	18	2	1	0	0	0
Wana	0300	4503	855·5		892·3	76·3	71·1	68·6	23·9	+4·1	78	+11	x	x					x				
	1200		854·3		890·3	84·6	72·9	66·7	22·9		57		x	x					x				
D. I. Khan	0000	570	979·2		998·5	82·7	77·1	74·3	29·2		77		1·9		0	0	0	1	0	0	0	0	30
	0300		979·7	0·0	998·9	87·1	79·8	76·1	31·4	+0·4	71	—2	2·3	+0·5	0	4	1	0	0	0	0	0	26
	1200		977·5		996·2	99·5	82·8	76·2	38·7		48		2·5		0	4	0	0	0	0	0	0	27

(a) Mean for 30 days. (x) Data rejected.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 5 gpkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
BALUCHISTAN (North)																							
Fort Sandeman	0300	4614	853·5	+0·7	893·6	77·8	69·3	64·4	21·2	+1·3	64	−8	3·6	−2·1	2	11	0	0	0	4	1	1	12
	1200		851·0		890·1	87·6	67·7	53·0	15·1		34		4·8		2	3	8	6	2	1	1	0	8
Hindubagh	0000	5909	814·2		795·5	69·6	63·5	60·3	18·2		73		2·8		0	4	3	3	0	4	8	1	8
	0300		815·3		796·9	73·6	65·8	61·3	18·9		66		4·4		0	2	9	3	0	3	2	1	11
	1200		812·1		794·2	89·0	72·5	65·1	21·3		45		3·9		1	2	11	5	2	4	3	2	1
Loralai	0000	4699	848·2		891·4	70·7	67·0	65·6	21·4		85		2·2		0	0	1	4	0	3	4	0	19
	0300		849·1		892·0	75·2	69·4	66·5	21·8		73		3·0		0	6	3	2	0	1	1	1	17
	1200		847·0		888·7	86·3	71·6	63·4	20·5		48		3·6		0	0	0	8	9	9	0	1	4
Sibi	0000	441	983·6		998·3	87·3	78·4	74·4	28·7		65		1·3		0	0	0	13	1	1	0	0	16
	0300		985·0	+1·6	999·8	88·8	79·2	74·7	30·1	+3·0	65	+5	2·9	+1·5	0	1	0	7	5	9	0	0	11
	1200		981·4		995·4	101·4	81·9	73·4	27·8		41		2·6		0	0	0	15	9	5	0	1	1
Quetta (Samungli)	0000	5253	834·0		796·2	69·1	63·3	60·3	17·5		72		2·1		0	1	8	17	0	0	0	0	5
	0300		834·8		797·3	74·2	67·7	64·5	20·6		72		3·2		0	0	9	11	1	0	1	1	8
	1200		831·9		796·0	93·4	74·5	66·2	21·8		41		3·5		2	2	0	5	1	0	9	12	0
Quetta	0300	5490	825·8	−1·9	795·5	75·4	69·0	66·0	21·5	+6·6	72	+16	2·1	+1·1	0	0	0	0	2	1	0	1	27
	1200		823·2		793·6	89·4	68·9	57·2	16·4		35		3·1		1	1	1	3	7	4	2	4	8
Chaman	0000	4311	857·6		887·9	79·0	60·6	43·6	10·5		31		1·8		0	0	13	12	4	0	0	0	1
	0300		860·3	−1·3	890·8	83·9	63·1	46·1	11·1	−0·4	28	−4	2·4	+1·8	0	0	3	7	9	5	2	0	5
	1200		857·6		887·1	99·1	67·3	40·0	9·6		15		2·5		3	1	1	0	1	5	12	8	0
Kalat	0000	6616	794·4		796·0	61·9	57·1	53·5	14·1		74		0·0		0	0	0	1	24	0	0	0	6
	0300		795·2	−0·2	796·6	70·1	61·7	55·0	15·6	+4·7	62	+16	0·8	−0·6	1	1	1	2	18	0	0	1	7
	1200		793·2		794·7	82·7	60·5	43·1	10·4		27		1·6		2	1	3	1	8	0	4	11	1
Nushki (*)	0000	3416																					
	0300																						
	1200																						
Dalbandin	0000	2785	905·9		890·3	81·6	62·8	47·8	12·0		32		1·0		0	4	0	7	1	4	0	6	9
	0300		906·5	−1·5	891·0	83·7	64·4	48·9	12·8	+0·8	32	−2	1·	+0·6	0	7	0	3	3	0	2	0	16
	1200		903·5		889·0	104·7	71·0	48·5	12·7		16		2·		0	2	3	3	3	11	6	1	2
Nokkundi	0000	2229	922·5		889·8	85·2	65·5	49·0	13·5		33		0.3		5	6	1	0	0	0	0	18	1
	0300		924·1		891·1	88·7	67·8	52·0	14·9	+0·8	32	+1	0.4	−0·4	3	11	2	1	1	0	0	12	1
	1200		920·4		889·1	107·1	73·1	(b) 53·8	13·8		17		0·1		2	1	1	0	2	0	2	21	2

* Data rejected. (b) Mean for 29 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0·5mm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
BALUCHISTAN (South)																							
Panjgur	0000	3177	895·2		891·8	75·0	67·4	62·4	19·9		67		0·0		0	0	0	0	4	1	1	1	24
	0300		896·6	+0·3	893·1	76·0	67·2	60·9	18·9	—1·7	62	0	0·0	—1·4	0	1	0	0	1	5	1	1	22
	1200		894·0		890·7	96·0	69·2	49·6	13·2		23		0·0		1	0	0	0	1	14	1	9	5
Turbat	0000	510	943·4		1000·8	78·7	74·6	75·2	27·8		82		0·5		0	0	0	0	2	10	1	0	18
	0300		984·2		1001·8	81·5	74·3	72·4	25·5		70		4·5		0	0	0	0	0	5	0	0	26
	1200		980·8		997·1	99·7	80·5	71·2	27·5		42		1·9		0	0	0	1	3	21	3	0	3
Jiwani	0000	185	993·6		999·7	78·2	75·4	74·1	28·3		86		5·7		0	0	2	18	6	2	0	0	3
	0300		994·6		1000·6	79·1	75·6	74·0	28·6		84		6·2		0	0	3	18	5	2	0	0	3
	1200		992·1		998·1	82·9	77·1	74·5	29·0		75		4·5		0	0	0	22	6	3	0	0	0
Pasni	0000	28	999·0		999·9	77·8	74·8	73·6	28·3		86		0·0		0	0	0	0	0	3	2	0	26
	0300		999·8	—0·9	1000·7	78·9	74·4	72·0	27·1	—2·7	80	—7	3·6	—1·8	0	2	5	1	2	7	5	0	9
	1200		997·3		998·2	85·2	76·9	72·7	27·3		66		1·5		0	0	0	5	10	15	1	0	0
Ormara	0000	15	998·8		999·3	78·6	77·2	76·6	31·5		93		5·9		0	0	0	0	0	22	0	0	9
	0300		999·8		10000·3	80·1	77·9	77·0	31·9	+2·8	91	+5	6·8	+0·6	0	0	0	0	0	22	0	0	9
	1200		997·3		997·8	85·4	81·5	80·1	34·3		83		4·5		0	0	0	0	10	13	8	0	0
Las Bela	0000	292	989·3		999·3	75·2	69·1	65·3	21·5		72		4·6		0	0	0	2	0	0	0	0	29
	0300		990·1	—1·3	1000·0	80·2	74·0	70·7	26·0	—4·4	74	—8	5·5	+0·7	1	0	4	5	7	5	2	1	6
	1200		987·0		996·6	94·1	79·7	72·7	27·8		51		3·9		0	0	5	5	10	5	1	0	5
SIND (Lower)																							
Karachi (Manora)	0000	13	999·6		1000·1	79·8	77·6	76·8	31·9		91		6·2		0	0	0	0	0	13	15	0	3
	0300		1000·9	—0·1	1001·4	80·5	78·3	77·4	32·9	+2·6	91	+3	6·2	—0·1	0	0	0	0	0	10	12	0	9
	1200		998·6		999·0	83·7	80·6	79·3	34·8		87		6·3		0	0	0	0	0	13	16	0	2
Karachi (Air Port)	0000	73	997·2		999·8	79·7	77·1	76·1	31·1		89		6·1		0	0	0	0	0	8	21	1	1
	0300		998·4		1000·8	80·9	77·3	75·8	30·6		85		6·6		0	0	0	0	0	7	23	1	0
	1200		996·3		998·8	84·7	78·3	75·3	30·3		73		6·1		0	0	0	0	0	25	5	1	0
Badin	0000	31	998·3		999·4	79·5	75·9	74·3	28·6		84		3·3		0	0	0	0	0	19	2	0	10
	0300		999·6	—0·3	1000·7	81·3	77·1	75·1	29·9	+0·8	83	+3	3·2	—2·0	0	0	0	0	0	21	3	0	7
	1200		996·5		997·6	90·0	79·1	74·2	28·8		60		4·4		0	0	0	0	1	21	5	0	4
Umarkot	0000	55	996·8		998·7	79·8	77·2	76·9	31·1		89		5·2		0	0	0	0	7	13	0	0	11
	0300		997·9		999·7	81·4	78·3	76·2	31·4		87		6·0		0	0	0	0	6	15	1	0	9
	1200		994·5		996·3	93·1	82·1	77·5	32·3		61		5·7		0	0	1	0	4	16	3	1	6
Chhor	0000	19	998·7		999·4	80·1	76·1	74·8	28·8		83		4·9		0	0	0	0	3	21	1	0	6
	0300		999·6		1000·3	81·1	76·8	74·9	29·1		80		5·9		0	0	0	0	4	23	1	0	3
	1200		996·5		997·2	91·8	79·2	73·8	28·7		56		5·3		0	0	0	0	1	23	3	1	3
Hyderabad	0000	98	995·5		998·7	79·7	75·1	73·0	28·1		80		2·3		0	0	0	0	1	21	0	0	9
	0300		996·5	—0·1	999·8	81·9	76·5	74·1	28·7	+1·4	77	+3	3·7	+0·2	0	0	0	0	0	24	0	0	7
	1200		993·8		997·1	92·6	78·6	72·3	27·5		52		4·1		0	0	0	0	3	21	0	0	7

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1955.

Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 5pkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
SIND (Upper)																							
Pad Idan	0000	153	992·2		997·5	80·7	76·4	74·4	29·1		80		3·4		0	1	0	19	3	0	0	1	7
	0300		993·6		998·9	83·1	77·5	74·8	29·7		77		4·7		2	1	1	19	4	0	0	1	3
	1200		990·7		995·8	95·0	80·3	73·8	28·9		51		4·5		2	2	1	11	7	5	1	1	1
Nawabshah	0000	124																					
	(i) 0300		995·3		999·6	83·8	77·6	74·9	30·0		75		4·6		0	0	1	0	17	0	1	0	3
	(g) 1200		992·2		996·4	96·5	80·1	72·9	28·0		47		4·6		1	0	1	1	11	1	0	0	6
Sukkur	0300	221	991·3	+1·0	998·9	84·0	78·4	75·8	30·8	+2·0	77	+3	5·1	+3·6	3	3	0	7	10	4	1	1	2
	1200		988·1		995·5	96·9	83·1	77·5	32·2		54		4·5		4	5	0	2	3	5	8	3	1
Jacobabad	0000	183	991·7		997·8	84·9	78·6	75·8	25·3		73		2·8		2	1	4	12	8	0	0	1	3
	0300		992·9	+0·4	999·2	86·1	78·7	75·4	29·9	—3·7	70	—8	3·8	+2·4	2	2	5	13	6	0	0	1	2
	1200		989·9		996·0	97·7	81·5	73·2	30·0		49		4·0		0	3	3	17	7	1	0	0	0
Reti	0000	280	988·4		998·0	86·0	75·8	72·3	26·1		61		0·0		0	0	0	0	0	0	0	2	29
	0300		990·8		1000·2	85·5	78·9	76·4	30·3		73		1·0		1	1	0	2	6	2	1	0	18
	1200		987·1		996·6	97·9	83·5	77·6	32·5		53		1·5		5	1	0	0	2	2	1	0	20
JUNAGADH																							
Veraval	(h) 0000	26	x		1002·3	79·0	77·0	76·0	30·8		91		6·0		0	0	0	0	0	2	19	1	1
	0300		x		(e) 1003·6	(d) 79·8	(d) 78·0	(d) 76·5	(d) 31·9		(d) 91		(c) 6·9		1	0	0	0	1	1	23	0	2
	(d) 1200		x		1001·7	81·5	77·5	76·1	29·9		85		6·2		0	0	0	0	2	3	21	0	1
AFGHANISTAN																							
Jalalabad (†)	0300	1950																					
	1200																						
Kabul	0300	5955	815·4	—	798·0	70·4	59·2	51·0	13·1	+2·4	52	+11	0·8	+0·1	2	3	1	2	2	0	10	9	2
	1200		812·3		795·5	90·3	66·8	52·4	13·9		29		1·1		10	12	5	3	0	1	0	0	0
Kandahar	0300	3462																					
	1200																						
ARABIA																							
Muscat	0300	20	998·8		999·3	82·3	80·8	79·9	34·9		93		(b) 3·0	+0·5	0	0	3	12	0	0	2	2	10
	1200		997·1		997·6	84·8	82·7	81·3	37·7		92		2·2		1	0	8	21	0	0	0	1	0
Kuwait (†)		16																					

(b) Mean for 29 days. (c) Mean for 28 days. (d) Mean for 27 days. (e) Mean for 26 days. (h) Mean for 23 days. (i) Mean for 22 days. (†) Observatory remained closed. (x) Data not available.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF AUGUST, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal	Thunder heard.	Hail.	Visibility Code Figure 93 or Less. Fog.	Haze (dust)	Dust Storm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN																					
Cox's Bazar	86·6	+1·3	92	26	76·3	+0·2	74	4 days	14·96	—12·79	1·56	16	19	—2·9	4·4	+0·6	1				
Chittagong	86·1	+0·2	91	26	76·7	+0·3	74	6,22	12·37	—8·05	2·56	19	19	+1·9	3·8	—2·6	7				
Noakhali (Maijdee)	85·6	—0·1	90	26	77·2	—1·0	75	6,8,16	28·56	+4·23	7·10	6	25	+2·1	x	x					
Comilla	86·7	—0·8	93	26	76·9	0	74	15	13·55	—3·63	3·14	15	20	+2·2	5·6	+1·6					
Brahmanbaria...	86·3	—3·1	92	30	78·3	+2·1	75	15	21·15	+8·49	12·17	15	20	+3·2	3·6	—	2				
Srimangal	87·3	—2·8	93	31	76·0	—0·1	74	15,18	16·22	+1·92	1·77	18	22	+1·9	1·2	—1·8	10				
Mymensinghj	86·1	—1·6	92	31	78·2	—0·1	76	22	27·58	+12·09	7·56	14	18	—0·7	2·1	+0·2	1				
Narayanganj	87·1	—0·7	90	20,30,31	79·2	+0·4	76	7,15,20		x	xx		xx		4·2	+0·2	1				
Dacca (Tejgaon)	87·2		90	31	78·1		75	15,18	11·62		3·78	15	16		5·5		7	0	0	0	0
EAST PAKISTAN (DELTAIC)																					
Faridpur	86·4	—0·7	90	20	79·6	+0·9	74	15	8·33	—3·80	2·18	15	13	—4·1	7·2	+1·6	2				
Barisal	87·0	0	90	4 days	78·1	—0·2	74	2	12·72	—2·22	2·90	8	21	+0·7	x						
Khulna	88·9	+1·0	93	14	78·8	+0·3	75	6,15	8·02	—5·77	1·51	8	15	—3·4	(a) 3·1	—0·5	1				
Satkhira	88·7	+0·2	93	28	76·2	—2·2	71	4 days	6·72	—4·65	1·97	15	12	—5·2	0·3	—2·0					
Jessore	88·2	+0·1	91	4 days	77·9	+0·1	75	6,15	8·16	—2·88	1·88	6	15	—1·6	3·9	+1·5					
EAST PAKISTAN (NORTH)																					
Pabna	90·0	+0·5	92	5 days	78·7	+2·4	76	7,19	xx		xxx		xx								
Sirajganj	84·8		90	30	78·9		75	18	10·68	—0·65	2·62	8	17	+1·8	3·1		2				
Rajshahi (b)									(b) 10·82		3·25	7	12								
Bogra	86·7	—2·1	93	31	78·6	0	75	18	21·48	+8·48	3·33	7	20	+3·6	2·2	+0·5	10				
Dinajpur	87·5	—1·5	98	20	77·8	—1·1	74	8	22·03	+8·32	5·36	6	16	+0 7	1·6	—0·7	3				
Rangpur									22·09	+8·34	3·15	1	20	+6·0							

(a) Observations for 30 days. (b) Observations for 29 days. (x) Data not available.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF AUGUST, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (inches).						Wind Velocity (Knots).		Weather Number of Days.				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Visibility Code Figure 93 or Less. Fog.	Haze (dust)	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonemarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Misgar	81·3	—	87	19	55·5	—	47	24,25,26	0·30	—	0·30	20	1	—	3·0	—	0	0	0	0	0
Gilgit (x)																					
Jammu (x)																					
NORTH PUNJAB																					
Lahore (Jail Road)	94·0	—3·0	105	1	79·5	+0·8	70	11	3·25	—1·90	0·91	14	10	+4·3	3·2	+1·5	15	0	0	0	0
Lahore (Cantt.)	93·2	—	106	1	79·2	—	76	14,31	5·65	—	1·36	15	9	—	4·5	—	16	0	0	0	0
Lahore (Walton)	93·4	—	106	1	78·3	—	72	13	3·09	—	0·79	23	6	—	6·8		14	0	0	0	0
Sialkot	(i) 90·0	—4·2	97	3	*	—	*	—	26·99	+17·69	4·20	5	22	+1·30	2·3	+0·7	14	0	0	0	0
Jhelum	91·1	—	103	1	77·3	—	73	25	14·71	—	4·50	30	16	—	2·1	—	15	0	0	0	0
Chaklala	88·9	—	101	1	75·4	—	71	30,31	10·44	—	2·77	8	14	—	5·7	—	16	0	0	0	0
Rawalpindi	94·0	+0·3	103	1	75·3	—0·2	59	30	8·62	—0·55	3·20	8	11	+1·9	1·6	+0·2	8	0	0	0	0
Murree	69·0	—4·2	75	1	60·0	+2·6	58	6 days	33·12	+19·31	6·55	12	23	+8·7	4·3	+1·1	10	0	28	0	0
Compbellpur	*	—	—	—	*	—	—	—	7·31	—	2·91	19	13		5·2		0	0	0	0	0
Khushab	95·0	—4·8	105	1,3	80·3	—0·8	75	12	5·62	+2·11	3·87	15	6	+2·3	5·2	+0·6	0	0	0	0	0
Sargodha (†)																					
Lyallpur	95·6	—2·4	103	4,7	82·1	+1·6	73	11	6·72	+3·14	2·99	14	8	+2·7	3·1	+0·7	13	0	0	0	0

(x) Data not available. *Data rejected. (†) Observatory remain closed. (i) Mean for 22 days

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF AUGUST, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SOUTH PUNJAB																					
Leiah (†)																					
Montgomery	97·4	—2·7	105	5,6	80·8	—0·9	75	26	5·82	+2·92	2·00	22	8	+4·3	2·6	—1·7	8	0	0	0	0
Multan	98·7	—0·2	106	4,11	*	—	*	—	6·39	+4·57	2·70	14	7	+4·5	2·6	+0·6	0	0	0	0	2
Khanpur (P. B. O.)	98·2	—	107	5	80·5	—	75	21	8·58	—	2·52	12	7	—	5·3	—	13	0	0	0	2
Khanpur	99·6	—2·7	108	5	81·1	—0·2	75	21	x	—	x	—	x	—	4·1	—2·3	3	0	0	0	0
Bahawalpur	99·2	—1·4	107	5	x	—	x	—	3·34	+2·01	1·84	21	3	+0·7	1·1	—2·7	6	0	0	0	1
Fort Abbas	100·4	—	109	5	82·4	—	76	22	1·04	—	0·25	21	6	—	6·5	—	2	0	0	0	10
N. W. F. P. (Upper)																					
Drosh	98·5	+3·3	103	1,2,3	75·5	+2·9	67	23	0·39	—0·26	0·25	21	1	—0·9	4·9	+0·7	0	0	0	0	0
Chakdara	90·7	—	101	1	75·2	—	69	22	8·45	—	2·20	22	10	—	3·9	—	13	0	0	0	0
Peshawar	93·8	—4·4	107	1,2	78·9	0·0	73	9,10,18	4·27	+2·24	1·50	19	6	+3·5	3·8	+2·1	16	0	0	0	0
Risalpur	95·4	—	110	1	79·9	—	73	22	11·16	—	3·43	10	10	—	4·0	—	18	0	0	0	0
Haripur (Hazara)	92·8	—	100	1,2	60·6	—	45	31	5·72	—	1·78	8	8	—	2·3	—	0	0	0	0	16
Kakul	81·0	—	89	1	69·6	—	64	7	19·08	—	5·45	7	20	—	x	—	1	0	0	0	0
Cherat	81·2	—4·2	96	1	69·2	—0·7	65	19,31	15·18	+10·24	3·49	18	14	+7·6	6·9	+2·4	8	0	23	0	0
Landikotal	88·3	—	98	1	73·4	—	68	19	4·78	—	3·25	18	2	—	4·8	—	0	0	0	0	0
W. N. F. P. (Lower)																					
Kohat	95·4	—	109	1	79·2	—	72	10	15·46	—	3·67	8	9	—	3·9	—	14	0	0	0	0
Parachinar	84·2	—0·5	90	1,2	66·9	+2·1	62	23,24	8·61	+4·91	4·20	31	11	+3·4	2·6	+0·5	15	0	0	0	0
Miranshah	91·1	—2·4	101	1	76·7	0·0	69	19	4·24	+3·03	2·78	19	3	+0·4	4·6	—0·8	1	0	0	0	0
Bannu	96·4	—3·6	109	1	80·7	+0·4	72	14	3·65	+1·76	1·21	19	6	+2·9	3·0	—	1	0	0	0	0
Wana	92·2	+0·8	97	4 days	*	—	—	—	2·52	+1·58	1·75	14	4	+0·8	0·8	—	0	0	0	0	0
D. I. Khan	98·1	—2·4	107	4,7	79·5	—1·7	78	14	3·36	+1·46	1·13	11	6	+3·7	2·5	+1·0	0	0	0	0	0

(†) Observatory remain closed. (x) Data not available. (*) Data rejected.

GOVERNMENT OF PAKISTAN

PAKISTAN METEOROLOGICAL DEPARTMENT

ERRATA TO MONTHLY METEOROLOGICAL REPORT FOR AUGUST 1955.

S.No.	Page.	Station.	Col. No.	Hour.	Remarks. For	Read.
1.	1	Text(line 12)	-	-	-	Insert 'time' between 'same' and 'Local'
2.	1	do(line 25)	-	-	Three	Thoro
3.	3	Maijdee	23	1200	1	10
4.	4	Satkira	23	0000	24	26
5.	4	Pabna	12	0300	6	-6
6.	9	Dalbandin	13	0300	1	1.5
7.	9	-do-	13	1200	2	2.3
8.	10	Turbat	4	0000	943.4	903.4
9.	12	Satkhira	10	-	6.72	6.92
10.	13	Rawalpindi	6	-	75.3	75.6
11.	13	-do-	7	-	-0.2	+0.1
12.	13	Rawalpindi	8	-	59	69
13.	15	Sibi	13	-	8	18

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF AUGUST, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN (North)																					
Fort Sandeman	94·4	—2·5	103	7	73·2	—0·1	67	10	3·90	+2·00	1·25	31	9	+5·2	3·2	+1·2	16	0	0	0	0
Hindubagh	93·1		101	7	*	—	*	*	3·13		1·05	13	9		4·4		4	0	0	0	3
Loralai	89·3		97	8	68·3		62	24	4·62	+3·40	1·60	13	8	+6·1	2·7	—	9	0	0	0	0
Sibi	103·9	—1·0	110	5	85·2	—0·1	75	18	0·75	+0·17	0·75	8	1	—0·1	5·7	+0·7	0	0	0	0	2
Harnai								*	3·30	+0·64	0·70	13,18	6	+1·7							
Quetta (Sammungli)	95·8		102	2	66·4		51	24	0·29		0·12	12	2		7·4		7	0	0	0	2
Quetta	94·0		101	1	66·2		53	24	0·60		0·60	14	1		6·2	+4·2	4	0	0	2	0
Chaman	101·2	+2·9	108	1	76·7	+3·4	66	25	0·00	—0·04	0·00	—	0	—0·1	5·5	+1·0	0	0	0	0	1
Kalat	90·3	+0·5	96	1,2	61·5	+3·3	51	24	0·51	+0·18	0·20	12	1	+0·1	4·7	+0·8	0	0	0	0	0
Nushki	107·1		114	2,9	65·8		55	28	0·00		0·00	—	0		6·5		0	0	0	0	0
Dalbandin	107·1	+1·0	114	9	76·2	+4·6	64	25,26	0·04	—0·09	0·04	15	0	—0·2	5·1	+0·8	3	0	0	15	2
Nokkundi	109·0	+2·1	118	8	82·7	+1·6	74	21,26	0·00	0·00	0·00	—	0	0·0	8·8	—3·2	0	0	0	0	0
BALUCHISTAN (South)																					
Panjgur	97·5	—3·4	102	27,30	69·6	—3·6	63	27,28	0·00	—0·34	0·00	—	0	—0·7	2·8	—1·2	0	0	0	0	0
Turbat	101·5		111	22	78·2		75	4 days	0·00		0·00	—	0		5·0		0	0	0	0	0
Jiwani	85·4		89	5	77·3		75	23,27,29	0·00		0·00	—	0		8·0		0	0	0	0	0
Pasni	88·2	0·0	93	22	76·3	0·0	71	26	0·00	—0·17	0·00	—	0	—0·3	8·8	+3·1	0	0	0	0	0
Ormara	87·3	+0·3	93	4,5	77·7	—0·8	73	17	0·06	—0·05	0·06	15	0	—0·3	8·5	—0·1	0	0	0	0	0
Lasbela	97·0	—2·2	105	5	*		*	*	3·69	+2·63	1·25	14	5	+3·0	2·6	—0·3	0	0	0	0	0

(*) Data rejected.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF AUGUST, 1955.

Sub-Division an Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard. Hail.		Fog.	Haze (dust)	Dust Storm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SIND (Lower)																					
Karachi (Manora)	86·7	+0·9	91	4,6	78·6	+0·1	75	27	2·94	+1·38	1·28	15	5	+3·4	x	—	0	0	0	0	0
Karachi (Airport)	88·4		94	4	78·5		75	15,27	1·21		0·55	13	2		10·1		1	0	0	0	0
Badin	93·2	+1·0	102	4	78·1	—1·2	75	7,11,13	7·18	+4·86	1·70	23	8	+5·7	6·7	—	0	0	0	0	0
Umarkot	96·3		105	4	78·1		72	25	4·66		1·53	24	8		6·5		0	0	0	0	1
Chhor	93·8		102	4	78·3		74	25	6·07		2·31	26	6		7·0		3	0	0	0	0
Hyderabad	95·3	—0·5	102	5	79·2	0·0	75	13,15	3·03	+1·00	1·35	13	6	+3·8	9·4	+0·4	1	0	0	0	0
SIND (Upper)																					
Pad Idan	98·4		108	7,8	79·7		75	12	6·24		2·83	13	6		7·0		4	0	0	0	0
Nawabshah	(i) 98·7		106	1,11	(i) 80·8		73	13	8·86		4·61	14	2		(i) 7·5		4	0	0	0	0
Sukkur	98·5	—2·7	106	7,11	80·9	+0·1	76	22	3·42	+2·30	2·01	22	4	+3·0	3·5	—0·9	1	0	0	0	1
Jacobabad	100·6	—3·1	107	5	83·6	+1·4	78	13,22	0·47	—0·41	0·30	22	2	+0·7	7·8	+2·0	3	0	0	0	1
Reti	102·6		110	6	80·5		70	14	3·99		2·02	22	3		*		0	0	0	0	1
JUNAGADH																					
Veraval (m)	x	—		—	78·0		76	16,18	3·75		1·50	20	7		x	—	—	—	—	—	—
AFGHANISTAN																					
Jalalabad (†)																					
Kabul	93·9	+2·9	100	1,2	61·8	+3·5	51	25	0·00	—0·09	0·00	—	0	—0·4	2·5	+0·9	2	0	0	0	0
Kandahar (†)...																					
ARABIA																					
Muscat	86·8	—3·9	93	26,27	80·5	—3·0	76	5,6	0·00	—0·02	0·00	—	0	—0·1	(d) 2·8	—0·2	0	0	0	0	0
Kuwait (†)																					

(*) Data rejected. (x) Data not available. (i) Mean for 22 days. (†) Observatory remain closed. (d) Mean for 27 days. (m) Mean for 18 days.

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PAKISTAN WEATHER REVIEW 1955

Monthly Weather Report

September

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PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN

Chief Features.—(1) Pronounced spell of wet weather in most of West Pakistan with locally heavy falls during later half of the first week and the beginning of the second week causing acute flood situation in the Punjab and Sind.

(2) Formation of two depressions in north Bay of Bengal and their north-Westward movement. As a result monsoon activity decreased during the period of their formation and greatly enhanced in the wake of the depressions.

(3) Temporary recession of monsoon from East Pakistan in the fourth week and freshening again on the last day of the month.

West Pakistan.—The westnorthwestwards movement of a shallow depression form Madhya Perdesh in India to Sind and its subsequent weakening caused thunderstorm activity with scattered showers in the region outside Baluchistan during the first three days.

Thereafter, another shallow depression moving from Rajasthan to north Arabian Sea across lower Sind divierted the monsoon into West Pakistan where it caused local rain or thundershowers with a few very heavy falls over the region outside Baluchistan for the period from 4th September to 8th September. The heavy rains caused wide spread losses in Sind and the Punjab which were already suffering from worst of floods caused by innumerable breaches in different bunds and overflowing of the river Indus at many places. According to press reports the flood water covered an area of over 1,000 sq. miles and wiped away all the crop. The refugees in the Federal Capital and in Sind were the worst hit due to torrential rains. Many houses collapsed in different towns of West Pakistan and there was traffice dislocation due to breaches in road and railway track in and near Karachi besides many other places.

A shallow low moving northwestwards form Rajasthan merged into the seasonal low over north Baluchistan and the lower North-West Frontier Province. It caused a few light falls over Sind, South Baluchistan, the north Punjab and the upper North West Frontier Province in the middle of the second week.

During the rest of the month the passage of westerly low pressure waves from the West was responsible for occasional falls with thunderstorm activity in the northern parts of West Pakistan.

Some of the noteworthy amounts of rainfall during the month were :—Rawalpindi 2″ on the 4th ; Nawabshah 3″ and Badin 2″ on the 6th ; Badin and Umarkot 2″ each on the 7th ; Karachi (Airport) and (Manora) 4″ each, Lahore and Reti 3″ each and Pad Idan, Nawabshah and Badin 2″ each on the 8th ; Lahore 5″ and Multan 4″ on the 9th ; Rawalpindi 3″, Jhelum and Haripur 2″ each on the 14th.

The total rainfall during the month was in large defect in the upper North West Frontier Province, in moderate defect in lower N.W.F.P. and in the north Baluchistan, in moderate excess in south Baluchistan and in large excess in the Punjab and Sind. Averaged over the region as whole, it was in large excess.

The man maximum temperature was normal everywhere except in the north Punjab where it was in defect. The mean minimum temperature was above normal in North West Frontier Province and upper Sind and normal elsewhere. The mean relative humidity was above normal in the north Punjab, North West Frontier Province and lower Sind, below normal in the south Baluchistan and normal elsewhere. Skies were normally clouded over north Baluchistan and lower Sind and more normal elsewhere.

East Pakistan.—Tow depressions formed in the northwest Bay of Bengal and moved northwestwards in the first fortnight. During the periods of their formation, the monsoon activity decreased over East Pakistan. Between the 2nd and 3rd and between the 6th and the 9th rainfall occurred locally there. In the wake of these depressions, monssoon strengthened resulting in a prologed spell of wet weather with locally heavy falls.

Monsoon gradually weakend during the third week and temporarily receded from East Pakistan during the forth week when only local or scattered rain was reported. Towards the end of the month a deep depression formed in the north Bay of Bengal, crossed coast near Cuttack (Bharat) on the 30th. Monsoon consequently freshened over the eastern and the deltaic sub-divisions on the last day.

Chief amounts of rainfall during the month were :—Cox's Bazar 5″ on the 1st ; Mymensingh 4″ on the 11th and 3″ on the 12th ; Srimangal 6″ and Mymensingh 3″ on the 14th ; Sirajganj and Dinajpur 3″ each on the 16th ; Bogra 4″ on the 19th and Chittagong 3″ on the 28th.

The total rainfall during the month was in slight defect in the deltaic sub-division and normal elsewhere.

The mean maximum and mean minimum temperatures, mean relative humidity and cloudness were all normal over the region.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 5 chief divisions and 12 sub-divisions of Pakistan, These means are based on the Observations at the stations whose monthly means are given in the subsequent tables.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS FOR SEPTEMBER, 1955.

Division.	PRECIPITATION.				DEPARTURE FROM NORMAL OF				
							03 hrs. G.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
	Inches	Inches	Inches		Degree	Degree	Mb.	%	
EAST PAKISTAN	10·16	11·36	—1·20	—11	+0·8	+0·4	+0·4	0	+0·3
Mean of East Pakistan	10·16	11·36	—1·20	—11	+0·8	+0·4	+0·4	0	+0·3
Punjab	3·20	1·80	+1·40	+78	—2·0	+1·4	+3·3	+8	+0·4
N. W. F. P.	0·34	0·70	—0·36	—51	—1·7	+2·9	+4·3	+10	+1·0
Baluchistan	0·22	0·23	—0·01	—4	+1·5	+0·7	0·0	—5	—0·1
Sind	3·81	0·43	+3·38	+781	—0·6	+1·9	+2·0	+3	+0·5
Mean of West Pakistan Excluding Baluchistan	4·59	1·61	+2·98	+185	—1·5	+1·6	+3·0	+7	+0·5
East Pakistan (East)	11·51	12·57	—1·06	—8	+0·5	+0·5	+0·4	0	0·0
East Pakistan (Deltaic)	7·40	8·90	—1·50	—17	+1·2	—0·5	+0·2	+1	+0·6
East Pakistan (North)	10·90	12·03	—1·13	—9	+1·2	+1·3	+0·7	0	+0·5
Kashmir *									
North Punjab	4·42	2·48	+1·94	+78	—2·1	+1·2	+3·5	+10	+0·5
South Punjab	1·17	0·67	+0·50	+75	—1·7	+1·6	+3·1	+4	+0·2
N. W. F. P. (Upper)	0·08	0·81	—0·73	—90	—1·5	+2·4	+4·8	+13	+0·6
N. W. F. P. (Lower)	0·43	0·66	—0·23	—35	—1·8	+3·0	+4·1	+9	+1·2
Baluchistan (North)	0·19	0·25	—0·06	—24	+1·2	+1·1	+0·3	—5	+0·1
Baluchistan (South)	0·30	0·21	+0·09	+43	+1·9	—0·4	—0·5	—6	—0·4
Sind (Lower)	7·03	0·76	+6·27	+825	+0·1	+0·9	+2·9	+6	—0·1
Sind (Upper)	0·59	0·09	+0·50	+555	—1·3	+2·9	+1·1	—1	+1·1

*Data incomplete.

GOVERNMENT OF
PAKISTAN METEOROLOGICAL DEPARTMENT

ERRATA TO MONTHLY WEATHER REPORT FOR SEPTEMBER 1955.

S.No.	Page.	Station.	Col.No.	Hour.	Remarks. For	Read.
1.	1.	Text(line 30)	--	--	--	Insert 'than' between more and normal.
2.	6.	Sialkot.	6	1200	0.8	90.8
3.	7	Drosh.	23	0000	72	27.
4.	7	Peshawar.	4	0000	946.1	964.1
5.	9	Foot-note	--	--	'b'mean for 30 days.	'b' mean for 29 days.
6.	10	Pasni	4	0000	1008.1	1002.9
7.	10	do	5a	do	1909.0	1003.9
8.	10	do	6	do	68.1	76.7
9.	10	do	7	do	64.0	73.3
10	10	do	8	do	61.0	71.2
11	10	do	9	do	18.6	26.8
12.	10	do	11	do	79	84
13	10	do	15	do	0	1
14,	10	do	17	do	1	0
15	10	do	20	do	2	1
16	10	do	21	do	1	4
17	10	do	22	do	8	0
18	10	do	23	do	19	24
19	10	do	4	0300	1009.1	1003.7
20	10	do	5	do	-2.1	-1.8
21	10	do	5a	do	1010.0	1004.6
22	10	do	6	do	71.1	77.8
23	10	do	7	do	63.7	73.2
24	10	do	8	do	57.2	70.8
25	10	do	9	do	16.6	25.4
26.	10	do	10	do	-5.1	-1.9
27	10	do	11	do	64	80
28	10	do	12	do	-14	-6
29	10	do	14	do	-1.7	-3.3
30	10	do	15	do	1	0
31	10	do	16	do	2	0
32	10	do	17	do	2	0
33	10	do	19	do	0	1
34	10	do	20	do	1	3
35	10	do	21	do	4	6
36	10	do	22	do	14	7
37	10	do	23	do	7	13
38	10	do	4	1200	1006.5	1000.8
39	10	do	5a	do	1007.4	1001.7
[illegible]	10	do	6	[illegible]		
40	10	do	6	do	88.6	87.2
41	10	do	7	do	71.0	76.4
42	10	do	8	do	57.9	70.6
43	10	do	9	do	18.4	26.2
44	10	do	11	do	40	58
45	10	do	18	do	4	3
46	10	do	20	do	23	24
47	10	do	22	do	1	0
48	15	Sibi	5	-	-	3
49	15	do	12	-	10.67	0.67
50	15	do	13	-	-	8
51	15	do	14	-	8	1
52						

Met. 0-206

PAKISTAN METEOROLOGICAL DEPARTMENT

DAILY WEATHER CHART FOR PUBLICATION IN THE PRESS

Following readings were recorded for the 24 hours ending at 0300 hrs. G. M. T. on.....the.....195

STATION	Temperature (°F)		RAINFALL (Inches)			REMARKS
	Max.	Min.	Past 24 hrs.	Since 1st.....	Dep. from Normal	
West Pakistan :						
Bahawalpur ...						
Cherat ...						
D. I. Khan ...						
Hyderabad (Sd) ...						
Jacobabad ...						
Kalat ...						
Karachi (A. P.) ...						
Karachi (Mra) ...						
Lahore ...						
Las Bela ...						
Lyallpur ...						
Multan ...						
Murree ...						
Nukkundi ...						
Pad Idan ...						
Panjgur ...						
Peshawar ...						
Quetta ...						
Rawalpindi ...						
Sialkot ...						
Sukkur ...						
East Pakistan:						
Bogra ...						
Chittagong ...						
Dacca ...						

Prepared by :

Phoned by :

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0pkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
EAST PAKISTAN (East)																							
Cox's Bazar	0300	38	1007·0	+0·8	1008·3	82·6	78·9	77·1	32·8	+1·1	85	+1	5·1	—0·1	3	4	1	14	6	0	0	0	2
	1200		1003·6		1005·0	82·2	78·9	77·0	31·7		85		5·1		1	1	2	7	9	1	5	1	3
Chittagong	0300	87	1005·0	+0·3	1007·9	82·9	78·2	76·5	31·3	0·0	81	—3	5·3	—0·2	1	3	4	12	4	0	0	0	6
	1200		1001·5		1004·5	82·2	78·1	76·8	30·9		83		5·7		1	0	0	5	11	10	3	0	0
Noakhali (Maijdee) ...	0000	25	1005·1		1006·0	79·2	78·0	77·4	32·3		95		5·4		0	0	0	3	0	0	0	0	27
	0300		1006·7	+0·3	1007·7	82·2	78·9	77·5	31·7	—0·9	85	—1	4·8	+0·1	0	0	0	10	0	0	0	0	20
	1200		1003·4		1004·3	83·7	79·3	77·7	32·4		81		5·4		0	0	0	10	1	0	0	0	19
Comilla	0000	29	1005·2		1006·0	78·5	77·1	77·0	31·5		93		5·6		0	0	1	10	5	0	0	0	14
	0300		1005·6	—0·6	1006·6	83·3	79·2	77·4	32·0	—0·2	83	+3	4·3	—0·6	1	1	0	5	17	1	0	1	4
	1200		1003·5		1004·6	84·1	80·1	78·7	33·2		83		6·3		2	0	0	4	14	0	0	0	10
Brahman Baria	0000	32	1005·0		1006·1	80·2	78·4	77·8	31·9		91		6·8		0	0	1	7	12	1	0	0	9
	0300		1006·8		1007·9	84·6	79·6	77·4	32·7	+1·6	79	0	5·2		3	3	1	9	9	2	0	0	3
	1200		1002·9		1004·0	84·3	79·8	78·1	32·4		81		5·3		1	1	0	5	5	5	0	0	13
Srimangal	0000	69	1004·3		1006·7	76·2	75·3	74·8	29·2		95		5·4		0	0	0	0	0	0	0	0	30
	0300		1005·5	0·0	1007·9	82·1	79·0	77·7	32·5	+1·0	87	+2	5·5	+0·6	1	0	0	6	11	4	0	0	8
	1200		1001·5		1003·9	82·1	79·5	78·4	33·3		89		5·8		1	0	0	6	9	3	1	1	9
Mymensingh	0000	62	1004·1		1006·2	79·2	77·6	76·9	31·5		93		6·4		0	0	8	1	0	0	0	0	21
	0300		1005·9	+0·7	1008·1	82·7	79·2	77·7	32·8	+0·3	85	0	5·9	—0·1	1	2	12	5	0	1	0	0	9
	1200		1001·8		1003·9	84·6	79·7	77·7	32·7		79		6·4		0	0	6	4	0	1	1	0	18
Narayanganj	0000	26	1005·5		1006·4	81·6	79·1	78·1	33·3		89		6·7		0	0	4	6	8	2	0	0	10
	0300		1006·7	+0·7	1007·6	85·2	80·1	78·0	32·7	+0·2	79	—3	6·3	+0·2	1	1	8	6	8	2	2	1	1
	1200		1002·9		1003·8	84·6	79·1	76·8	31·9		77		6·2		0	0	3	6	9	2	2	1	7
Dacca (Tejgaon)	0000	27	1004·1		1005·1	79·4	78·3	77·9	32·3		95		6·5		0	0	2	9	2	4	0	0	13
	0300		1006·0		1007·0	84·1	79·9	78·1	33·2		83		6·9		2	1	6	8	5	3	1	1	3
	1200		1002·4		1003·4	83·7	79·2	77·1	32·4		81		7·0		0	0	0	10	6	3	2	0	9

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0pkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
EAST PAKISTAN (Deltaic)																							
Faridpur	0000	46	1003·5		1005·1	80·2	78·8	78·1	32·6		93		5·8		0	0	2	7	8	1	0	0	12
	0300		1005·4	+0·6	1007·0	84·4	80·1	78·2	32·4	−0·9	81	0	5·8	+0·8	2	2	3	7	12	2	0	1	1
	1200		1001·4		1003·0	84·3	80·0	78·0	32·4		81		5·9		1	0	4	8	8	2	0	1	6
Barisal	0000	11	1004·9		1005·3	79·7	78·4	78·1	32·6		93		4·5		1	0	0	2	0	0	0	0	27
	0300		1006·2	−0·1	1006·6	83·5	80·0	78·6	32·8	−0·1	85	+2	5·3	0·0	1	0	0	11	7	0	0	0	11
	1200		1003·2		1003·6	84·5	80·6	78·6	34·3		83		5·0		0	0	0	7	7	0	0	0	16
Khulna	0000	16	1004·7		1005·2	79·5	78·4	78·3	32·3		95		6·2		1	0	6	5	4	2	0	0	12
	0300		1006·6	+0·5	1007·1	84·4	80·4	78·8	33·2	+0·6	83	+2	6·6	+0·9	0	1	4	8	4	1	0	1	11
	1200		1003·0		1003·5	83·6	80·0	78·5	34·0		85		6·2		0	0	1	8	6	2	0	0	13
Satkhira	0000	16	1004·5		1005·0	79·2	77·9	77·6	31·5		93		5·8		0	1	0	1	0	0	0	0	28
	0300		1006·1	+0·3	1006·6	84·6	80·1	78·3	33·5	−0·2	81	−2	6·0	+1·0	0	3	1	7	1	3	0	0	15
	1200		1002·7		1003·2	83·5	79·5	78·1	32·0		83		6·4		0	2	0	3	0	3	0	1	21
Jessore	0000	26	1004·0		1004·9	78·6	77·9	77·5	33·1		98		5·5		1	1	7	5	10	2	2	0	2
	0300		1006·0	+0·4	1006·9	83·7	80·5	79·2	34·8	+1·5	87	+3	5·6	+0·5	0	1	7	6	9	2	2	3	0
	1200		1001·2		1002·1	84·1	80·5	79·1	34·0		85		7·1		2	0	2	6	20	0	0	0	0
EAST PAKISTAN (North)																							
Pabna	0300					84·9	81·4	80·0	35·1	+1·8	85	+4											
	1200																						
Sirajganj	0000	49	1003·2		1004·9	80·2	78·8	78·5	32·6		93		5·9		0	1	7	5	1	0	0	0	16
	0300		1005·3		1007·0	84·1	80·3	78·8	33·2		83		5·3		1	1	9	4	1	0	0	0	14
	1200		1001·7		1003·4	83·4	79·7	77·8	32·8		85		5·5		0	1	5	4	3	0	0	0	17
Bogra	0300	63	1005·1	+0·5	1007·3	84·1	80·1	78·3	33·2	+0·3	83	−1	6·3	+1·3	1	0	11	9	2	1	1	1	4
	1200		1001·2		1003·3	84·5	79·8	77·9	33·5		81		5·7		0	0	8	6	1	1	3	0	11
Dinajpur	0000	123	1002·0		1006·2	79·5	78·0	77·4	31·5		93		4·1		0	1	3	0	0	0	0	0	26
	0300		1003·3	+1·1	1007·4	84·2	79·8	78·1	32·4	+0·1	81	−4	4·7	−0·4	0	0	6	0	0	0	0	0	24
	1200		999·5		1003·7	85·7	80·6	78·6	33·9		80		4·4		0	0	2	1	0	0	0	0	27
Rangpur	0300												4·7	—	0	7	17	3	0	0	0	0	3
	1200												3·8		0	2	8	2	0	0	0	0	18

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of barometer cistern above mean sea level.	Mean Pressure.			Mean Temperature of the Air and Humidity.							Total Cloud Amount.		Wind Direction Number of Observations From :—								
			Station level reduced to standard temperature and gravity.	Departure from normal.	Reduced to standard temperature and M.S.L. or nearest 6 p.m. level.	Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Mean amount.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
KASHMIR																							
Srinagar (x)	0000	5205																					
	0300																						
	1200																						
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	—																					
	1200																						
Sonemarg (x)	0300	—																					
	1200																						
Dras (x)	0300	10059																					
	1200																						
Kargil (x)	0300	—																					
	1200																						
Leh (x)	0300	11529																					
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Minar	0000	10190	700·3		709·2	45·1	36·9	27·7	4·9		49		2·2		0	0	1	0	0	0	5	0	24
	0300		701·3	—	710·2	45·5	37·8	28·5	5·3	—	51	—	2·3	—	0	0	0	0	0	0	3	0	27
	1200		697·7		706·4	63·4	45·6	25·2	4·9		23		3·0		0	0	19	0	0	0	2	0	9
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
Jammu (x)	0000	1200																					
	0300																						
	1200																						

(x) Data not available.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Cpkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
NORTH PUNJAB																							
Lahore (Jail Road)	0000	702	980·1		1004·2	76·9	75·3	74·5	29·3		93		2·4		1	1	0	4	0	0	1	0	23
	0300		981·4	+0·5	1005·3	81·3	76·2	73·8	28·6	+3·4	78	+12	2·5	+1·1	1	3	1	13	0	1	0	1	10
	1200		978·4		1002·1	89·3	78·7	73·3	28·7		61		2·4		4	7	2	6	0	0	0	1	10
Lahore (Cantt)	0000	703	979·9		1003·7	76·4	74·6	73·6	28·5		92		2·6		0	3	3	1	0	1	0	1	21
	0300		980·9	—	1005·0	81·2	76·6	74·6	29·2	—	80	—	2·6	—	1	3	0	7	3	0	1	1	14
	1200		977·9		1001·4	88·9	78·1	72·8	28·0		59		2·6		2	7	2	8	0	2	0	4	5
Lahore (Walton)	0000	699	979·5		1003·5	76·6	74·9	74·0	28·8		93		2·5		3	1	6	5	2	0	0	2	11
	0300		981·3		1005·0	81·3	76·8	74·3	29·4	—	80	—	2·7	—	0	1	2	16	1	0	1	3	6
	1200		978·3		1002·8	89·3	78·7	73·3	28·7		61		2·4		2	2	8	9	1	0	4	2	2
Sialkot	0000	830	975·6		1004·0	76·9	75·1	74·1	29·0		92		2·7		0	4	0	1	0	2	0	0	23
	0300		977·4	+0·6	1005·6	80·8	76·5	74·8	29·2	+3·7	82	+7	2·8	+1·2	0	6	0	5	0	0	0	3	16
	1200		974·4		1002·0	0·8	78·3	73·0	27·4		55		2·1		0	6	0	4	0	0	0	3	17
Jhelum	0000	765	978·1		1004·4	75·6	73·2	72·3	26·8		88		2·9		1	2	1	2	1	0	0	2	21
	0300		979·6	—	1005·8	80·0	74·4	71·6	26·7	—	76	—	2·7	—	1	1	1	3	4	2	0	2	16
	1200		976·3		1001·7	90·5	78·5	72·8	27·9		57		2·5		0	1	0	4	3	4	2	1	15
Chaklala	0000	1667	948·6		893·2	72·0	69·2	67·8	23·2		86		2·8		5	7	2	0	1	0	3	0	12
	0300		949·9	—	894·8	76·9	71·5	68·8	24·1	—	76	—	3·0	—	4	6	4	0	0	0	1	1	14
	1200		947·0		893·4	88·7	73·8	66·3	22·4		48		2·3		1	1	1	4	3	4	7	2	7
Rawalpindi	0000	1676	947·8		892·9	72·8	70·3	68·8	24·1		88		3·0		0	0	0	0	0	1	0	0	29
	0300		948·4	—0·6	894·0	78·3	73·0	71·0	25·5	+3·7	76	+18	2·4	+0·8	1	0	0	0	0	1	1	0	27
	1200		945·4		892·2	86·8	79·1	77·0	30·8		71		3·3		0	0	0	0	2	0	1	0	27
Murree	0000	7113	783·3		799·0	57·4	54·8	52·5	13·7		86		3·3		0	0	0	6	0	2	0	18	4
	0300		784·8	+0·3	800·4	61·3	56·8	52·8	14·1	+1·1	77	+10	4·0	+1·8	1	3	2	5	0	1	10	6	2
	1200		783·4		798·9	66·5	61·6	58·4	16·9		76		5·4		2	1	0	4	0	2	9	11	1
Campbellpur	0300	1175	968·5		1008·5	79·5	69·0	62·0	19·5		56		2·5		2	1	6	5	1	0	2	1	12
	1200		961·2		999·9	93·5	76·0	66·5	22·7		42		1·4		4	0	0	5	4	0	1	0	16
Khushab	0000	616	982·8		1003·9	78·6	71·6	67·8	23·2		70		0·8		0	15	3	9	0	0	0	1	2
	0300		984·2	+0·2	1005·2	84·4	75·9	71·9	26·7	+2·9	66	+2	1·3	+0·2	0	5	4	7	1	0	0	0	13
	1200		980·8		1001·3	93·7	77·2	69·0	24·4		45		1·8		0	1	10	8	7	2	1	0	1
Sargodha (†)	0300																						
	1200																						
Lyallpur	0000	605	982·8		1003·5	78·3	74·9	73·3	28·0		84		1·9		0	1	4	5	4	0	1	1	14
	0300		984·1	+0·4	1004·7	81·5	75·4	72·7	27·3	+3·7	74	+10	0·9	—0·6	0	2	1	1	2	0	0	0	24
	1200		981·4		1001·6	93·5	78·5	71·7	26·5		49		4·3		2	3	2	3	2	1	0	0	17

(†) Observatory remain closed.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 6pkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
SOUTH PUNJAB																							
Lelah (†)	0300	490																					
	1200																						
Montgomery	0000	558	984·4		1003·5	78·3	74·7	72·6	27·8		84		1·2		0	1	1	8	1	1	1	0	17
	0300		985·8	+0·4	1004·7	83·2	76·8	73·8	28·6	+2·7	73	+4	1·2	+0·3	0	1	6	11	2	5	2	0	3
	1200		983·0		1001·5	94·9	79·3	72·0	27·8		49		1·9		0	0	4	8	2	2	1	0	13
Multan	0300	413	990·3	+0·4	1004·5	84·3	76·8	73·0	28·1	+0·6	69	0	0·5	—0·1	1	2	3	8	8	5	0	2	1
	1200		987·2		1001·0	95·9	78·8	70·5	25·9		45		0·8		3	5	3	5	1	10	0	2	1
Khanpur (P. B. O.)	0000	290	992·5		1002·6	78·6	75·0	74·7	29·2		84		0·9		1	4	0	0	0	8	1	0	16
	0300		994·1	—	1004·1	83·6	77·8	75·1	29·9	—	76	—	1·1	—	2	4	5	1	0	13	0	1	4
	1200		990·7		1000·4	95·7	81·5	75·5	30·2		53		2·2		8	10	0	0	0	3	5	1	3
Khanpur	0300	297	994·0	+0·1	1004·1	85·0	78·5	75·2	30·3	+6·1	73	+8	0·7	+0·3	0	1	3	1	2	8	0	0	15
	1200		990·7		1000·6	97·6	82·4	75·8	30·9		51		1·4		1	9	1	0	0	2	0	0	17
Bahawalpur	0300	384	991·1	+0·4	1004·1	84·3	78·4	75·9	30·5	+3·3	75	+8	1·8	+1·4	0	0	0	0	1	4	1	0	24
	1200		988·3		1001·0	95·4	81·7	76·2	30·7		54		1·1		0	2	0	0	0	1	1	0	26
Fort Abbas	0000	475	986·5		1002·8	78·8	74·9	73·0	27·8		82		1·4		3	8	5	3	3	5	1	1	1
	0300		988·6	—	1004·7	88·5	77·5	73·2	27·2		59	—	1·2		2	5	5	6	5	4	2	1	0
	1200		984·5		1000·3	95·1	77·8	69·3	24·7		43		2·2		7	9	3	1	2	3	2	2	1
N. W. F. P. (Upper)																							
Drosh	0000	4806	848·5		895·1	67·0	58·0	51·0	12·8		57		1·8		0	0	0	0	0	3	0	0	72
	0300		852·1	—1·0	989·7	68·9	59·2	52·0	13·2	+0·4	56	—2	2·5	+1·3	0	0	0	1	1	1	0	0	27
	1200		847·4		892·3	86·3	64·0	47·4	11·3		25		3·1		0	1	0	0	0	26	0	0	3
Chakdara	0000	2197	928·8		892·6	70·2	65·8	63·2	19·9		79		1·7		8	6	0	0	0	0	0	3	13
	0300		930·4	—	894·4	74·1	67·8	64·3	20·6	—	72	—	2·8	—	8	5	4	2	0	1	0	6	4
	1200		927·4		892·4	87·3	74·5	68·4	24·0		54		2·4		0	1	0	10	9	6	2	1	1
Peshawar	0300	1155	946·1		1003·5	75·9	71·2	68·7	23·9		78		2·2		8	1	0	1	2	3	0	3	12
	0300		965·8	+0·2	1005·0	79·3	73·0	69·5	24·9	+4·8	73	+13	2·1	+0·6	6	0	0	0	2	1	0	10	11
	1200		962·3		1000·5	90·1	76·3	69·4	24·7		51		3·3		2	17	2	2	3	1	0	1	2
Risalpur	0000	993	x		x	x	x	x	x		x		2·1		1	6	7	1	1	0	2	0	12
	0300		971·8	—	1005·7	79·2	72·7	69·1	24·5	—	72	—	2·5	—	0	3	8	4	0	2	3	0	10
	1200		968·2		1001·2	92·0	75·0	65·4	21·9		43		2·4		1	13	9	2	0	1	1	0	3

(†) Observatory remain closed. (x) Data not available.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
N. W. F. P. (Upper)—Contd.	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
Haripur (Hazara)	0300	1737	948·3	—	895·3	72·0	67·5	65·2	21·2	—	79	—	0·8	—	0	0	30	0	0	0	0	0	0
	1200		946·6		895·4	89·3	74·8	68·3	23·5		50		1·5		0	1	0	0	0	0	26	3	0
Kakul	0000	4214	869·0		898·1	66·3	61·5	58·8	16·7		74		3·0		6	7	3	2	3	4	1	4	0
	0300		870·1	—	898·7	70·8	64·3	60·2	18·0	—	69	—	3·6	—	4	2	2	2	6	1	6	7	0
	1200		867·8		896·1	78·2	67·5	61·8	18·6		56		2·8		0	0	1	3	10	11	2	3	0
Cherat	0000	4272	866·0		896·6	68·1	64·0	61·6	18·7		80		0·9		0	0	0	12	12	0	0	0	6
	0300		867·1	—0·2	897·7	70·3	65·2	62·1	19·2	+3·6	76	+13	3·9	+2·4	0	0	0	12	13	0	0	1	4
	1200		865·2		895·2	78·3	68·3	62·6	19·5		59		3·4		0	0	0	14	15	0	0	0	1
Landikotal	0000	3503	889·5		896·4	68·5	64·3	61·8	18·9		79		1·0		0	6	2	2	0	0	0	0	20
	0300		890·3	—	897·1	74·7	67·5	63·3	20·1	—	68	—	1·7	—	1	7	0	2	1	0	0	0	19
	1200		887·7		894·4	83·1	69·9	62·4	19·6		50		2·5		0	4	0	24	2	0	0	0	0
N. W. F. P. (Lower)																							
Kohat	0000	1667	949·0		894·1	77·4	69·7	65·4	21·6		68		2·0		1	0	1	1	0	0	0	19	8
	0300		950·5	—	895·8	80·2	70·5	65·2	21·5		61	—	2·1	—	0	1	1	3	0	1	3	14	7
	1200		947·6		894·0	89·7	73·1	64·7	21·1		44		3·2		0	5	2	4	5	5	5	2	2
Parachinar	0000	5673	825·6		798·2	60·9	58·2	55·8	15·6		86		1·3		24	1	0	0	0	0	0	0	5
	0300		825·1	—0·1	798·7	66·5	60·4	56·4	15·7	+3·2	72	+16	1·8	+0·4	1	0	0	0	1	0	0	0	28
	1200		824·6		798·7	74·9	65·8	60·2	18·4		63		3·6		0	2	0	25	1	1	0	0	1
Miranshah	0000	3026	903·7		895·7	77·4	69·1	64·4	20·9		65		0·7		1	4	3	4	0	0	0	2	16
	0300		905·3	—	897·3	77·8	69·4	65·5	21·1	+6·0	65	+13	1·8	+1·2	0	6	4	1	0	1	0	1	17
	1200		902·5		894·7	86·2	72·6	66·0	21·8		51		2·9		1	14	6	6	1	2	0	0	0
Bannu	0000	1263	960·2		1003·1	77·6	73·3	70·9	26·0		80		1·5		1	3	11	0	3	0	1	2	9
	0300		962·0	—	1004·7	82·0	75·4	72·0	27·1	+5·6	73	+13	2·7	+1·8	0	5	6	3	1	0	1	3	11
	1200		959·3		1001·0	92·1	78·2	71·0	26·7		51		2·0		0	5	9	14	0	0	0	0	2
Wana	0300	4503	859·4	—	896·9	68·9	63·5	59·9	17·8	+5·3	73	+19	0·0	—0·8	0	0	0	0	0	0	0	0	30
	1200		856·7		893·1	82·2	73·3	68·9	24·3		64		0·0		0	0	0	0	0	0	0	0	30
D. I. Khan	0000	570	983·1		1002·6	81·2	73·7	68·9	25·0		68		0·9		0	0	0	0	0	0	0	0	30
	0300		984·2	—0·5	1003·6	82·4	74·8	71·0	26·0	+0·7	69	0	1·3	+0·5	0	0	0	0	0	0	0	0	30
	1200		981·8		1000·6	95·4	79·4	72·0	27·0		47		0·9		0	2	0	1	0	0	0	0	27

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Epkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
BALUCHISTAN (North)																							
Fort Sandeman	0300	4614	857·6	+1·0	898·2	74·5	63·7	56·0	15·9	−2·8	53	−2	1·1	+0·5	3	8	1	0	3	3	0	1	11
	1200		854·7		893·7	89·4	60·2	33·3	6·0		13		2·4		4	3	4	2	2	7	2	0	6
Hindubagh	0000	5909	817·6		798·7	64·3	58·3	54·6	14·7		74		0·3		0	2	0	0	1	8	10	8	1
	0300		818·9		800·1	67·6	62·1	58·9	17·3		74		0·7		1	0	5	2	1	8	9	1	3
	1200		815·8		797·4	87·2	77·0	73·3	28·1		64		1·4		0	2	4	3	0	10	10	1	0
Loralai	0000	4699	852·0		895·9	62·5	55·3	47·1	12·5		64		0·6		0	0	0	7	0	6	3	2	12
	0300		853·4		896·9	69·4	58·5	47·2	12·0		50		0·5		0	1	0	2	0	5	8	0	14
	1200		850·6		892·6	84·7	65·8	50·9	14·1		35		1·1		0	0	0	4	1	12	2	0	11
Sibi	0000	441	(k) 987·3		(k) 1002·3	(k) 82·5	(k) 74·1	(k) 68·8	(k) 25·3		(k) 65		(k) 0·5		1	1	0	1	0	0	0	0	17
	0300		(j) 980·0	+0·5	(j) 1000·8	(j) 87·2	(j) 76·1	(j) 70·4	(j) 25·7	+5·2	(j) 58	+8	(j) 0·8	+0·3	0	0	0	5	0	0	0	1	15
	1200		(j) 985·1		(j) 999·4	(j) 101·1	(j) 79·2	(j) 66·7	(j) 23·8		(j) 35		(j) 1·9		0	0	0	12	6	3	0	0	0
Quetta (Samungli)	0000	5253	838·3		799·3	56·2	51·5	47·8	11·4		74		0·2		0	0	13	12	1	0	0	0	4
	0300		839·2		800·7	62·8	55·5	49·9	12·3		63		0·1		0	0	5	10	2	1	2	1	9
	1200		836·5		799·9	86·9	66·3	52·2	14·8		34		0·9		1	0	0	2	1	1	9	15	1
Quetta	0300	5490	(b) 830·4	−1·7	799·6	(b) 71·1	(b) 60·4	(b) 53·5	14·2	+4·0	(b) 55	+3	(b) 0·0	−0·3	1	0	0	0	4	0	0	0	26
	1200		827·6		797·8	85·3	61·5	43·4	9·7		24		0·5		5	0	0	0	1	2	2	9	11
Chaman	0000	4311	861·9		893·0	68·9	50·5	26·0	5·1		21		0·2		0	3	18	6	1	0	0	1	1
	0300		865·4	−0·9	896·7	75·8	53·9	26·8	5·4	−2·5	17	−14	0·1	−0·1	1	1	10	4	4	3	0	0	7
	1200		863·0		893·3	91·4	60·2	26·0	5·2		10		0·2		5	0	0	0	1	6	15	3	0
Kalat	0000	6616	797·6		799·2	54·3	44·1	39·1	6·3		45		0·0		0	1	1	1	20	0	2	0	5
	0300		798·2	−0·8	799·7	62·8	52·0	40·8	9·3	+0·6	47	+3	0·0	−0·3	1	2	3	3	19	0	0	0	2
	1200		796·2		797·8	80·8	56·1	32·4	6·8		19		0·0		7	1	2	0	0	1	1	14	4
Nushki *	0000	3416																					
	0300																						
	1200																						
Dalbandin	0000	2785	911·4		895·3	68·1	51·2	31·3	5·9		25		0·3		1	3	0	4	1	0	1	6	14
	0300		912·5	−0·8	896·5	70·4	52·3	31·2	5·6	−2·5	24	−10	0·5	+0·1	1	4	0	3	0	1	2	1	18
	1200		909·4		894·3	98·8	65·4	37·0	7·9		12		0·7		0	2	3	3	1	6	0	6	9
Nasirabad	0000	2229	928·4		894·6	74·1	54·6	31·7	6·7		23		0·0		5	2	1	0	0	0	3	17	2
	0300		930·2		896·9	80·3	55·9	28·8	5·2	−5·2	14	−19	0·0	−0·2	6	4	1	3	0	2	3	10	1
	1200		927·1		895·1	100·0	66·3	36·8	8·6		13		0·0		8	0	0	0	1	1	2	17	1

(*) Data rejected. (b) Mean for 30 days. (j) Mean for 26 days. (k) Mean for 20 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level, reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0·5mm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%		oktas	oktas									
BALUCHISTAN (South)																							
Panjgur	0000	3177	899·6		896·0	70·6	58·2	47·8	11·7		45		0·0		1	0	0	0	1	0	0	0	28
	0300		900·9	—0·1	897·4	71·7	57·3	43·2	10·3	—3·7	38	—15	0·0	—0·6	4	10	0	0	1	0	1	1	13
	1200		898·5		895·2	93·4	62·8	31·0	7·0		13		0·0		8	1	1	0	0	4	1	14	1
Turbat	0000	510	987·7		1004·8	77·6	72·3	68·9	24·8		75		2·4		0	1	0	1	0	5	2	0	21
	0300		988·6		1005·9	80·6	73·5	69·5	25·5		70		2·2		0	0	0	0	0	4	1	0	25
	1200		984·1		1000·7	103·2	77·0	63·8	19·9		28		0·5		0	3	0	1	1	7	10	4	4
Jiwani	0000	185	997·6		1003·7	77·1	74·7	73·4	28·0		88		3·8		0	0	1	4	11	4	1	0	9
	0300		998·9		1004·8	79·1	75·3	73·9	27·8		82		4·5		2	0	2	5	1	2	2	2	14
	1200		996·3		1002·4	85·8	77·1	73·4	28·3		67		2·3		0	0	1	4	13	10	2	0	0
Pasni	0000	28	1008·1		1009·0	68·1	64·0	61·0	18·6		79		0·0		0	0	1	0	0	2	1	8	19
	0300		1009·1	—2·1	1010·0	71·1	63·7	57·2	16·6	—5·1	64	—14	0·0	—1·7	1	2	2	0	0	1	4	14	7
	1200		1006·5		1007·4	88·6	71·0	57·9	18·4		40		0·0		0	0	0	4	3	23	0	1	0
Ormara	0000	15	1002·4		1002·9	79·1	78·0	77·8	32·3		95		3·9		0	0	0	1	1	12	12	0	4
	0300		1003·7		1004·2	80·1	78·7	78·2	32·6	+5·0	93	+7	3·9	—1·0	0	1	1	1	0	10	10	0	7
	1200		1000·7		1001·2	87·6	84·8	83·7	39·8		88		2·0		0	0	0	2	4	13	11	0	0
Las Bela	0000	292	993·3		1003·4	76·2	70·4	66·7	22·3		73		2·5		0	0	0	0	1	0	0	0	29
	0300		994·2	—1·5	1004·2	80·4	74·1	71·0	25·3	—2·7	72	—9	2·8	+0·3	1	2	3	6	4	3	3	3	5
	1200		990·6		1000·3	98·9	81·8	73·6	29·6		46		1·8		0	1	0	4	13	6	0	1	5
SIND (Lower)																							
Karachi (Manora)	0000	13	x																				
	0300		1004·1	—1·7	1004·6	81·1	78·0	77·1	31·4	+2·6	87	+1	3·7	—0·5	1	2	2	0	0	8	8	2	7
	1200		1001·6		1002·1	84·0	80·5	78·6	34·0		85		2·9		0	0	1	0	1	14	13	0	1
Karachi (Air Port)	0000	73	1000·7		1003·2	79·5	76·3	74·7	29·3		87		4·0		1	1	0	0	0	4	11	3	10
	0300		1002·2		1004·7	81·1	76·5	74·5	29·1		80		4·8		1	1	0	0	0	1	16	3	8
	1200		999·6		1002·1	88·5	77·0	71·1	27·0		57		3·8		0	1	1	2	1	15	8	2	0
Badin	0000	31	1001·7		1002·8	78·9	76·0	74·7	29·3		87		1·7		1	0	0	1	0	16	7	1	4
	0300		1003·3	—1·1	1004·4	80·6	77·0	75·5	30·6	+3·4	85	+8	1·9	—1·0	0	1	0	1	2	17	4	2	3
	1200		1000·3		1001·3	92·2	79·7	74·3	28·7		56		2·3		7	3	0	0	1	11	7	1	0
Umarkot	0000	55	1000·6		1002·3	77·3	76·0	75·8	29·5		93		(b) 2·0		0	0	0	0	2	6	0	0	21
	0300		1002·0		1003·9	81·4	78·8	76·6	32·2		89		2·0		2	1	0	0	7	7	0	1	12
	1200		998·5		1000·5	91·8	82·2	78·5	33·6		65		2·5		1	2	1	0	3	13	1	2	7
Chhor	0000	19	1001·8		1002·5	77·5	74·9	73·7	28·0		88		2·1		0	0	0	0	0	12	3	0	15
	0300		1003·7		1004·4	80·3	76·0	73·9	28·1		80		3·5		1	0	0	0	1	13	3	0	12
	1200		1000·3		1000·9	91·4	77·7	70·9	26·1		53		3·2		1	4	0	0	1	18	0	1	5
Hyderabad	0000	98	999·2		1002·6	78·6	74·3	72·0	27·1		80		2·2		0	0	0	0	1	11	0	1	17
	0300		1000·6	—1·1	1004·0	81·1	75·4	72·5	27·7	+2·5	76	+4	2·2	+0·9	0	0	0	0	0	15	0	0	15
	1200		998·4		1001·7	93·1	77·5	69·6	25·2		48		2·2		4	0	0	0	1	15	1	0	9

(x) Data not available. (b) Mean for 30 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. of nearest 0·5 p.m. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
SIND (Upper)																							
Pad Idan	0000	153	996·6		1001·9	76·9	74·4	73·0	28·0		88		1·7		1	1	0	11	1	0	0	0	16
	0300		998·3		1003·6	81·1	76·0	73·4	28·4		78		2·7		0	2	2	14	3	0	0	0	9
	1200		995·4		1000·6	94·7	78·6	70·6	26·6		47		2·2		4	1	1	12	4	3	1	3	1
Nawabshah	0000	124	959·3		1003·7	78·5	75·9	74·3	30·0		89		1·3		1	0	0	0	13	1	0	0	12
	0300		1000·3		1004·5	81·2	76·3	74·5	28·4		78		2·5		1	0	2	0	12	1	0	0	14
	1200		997·3		1001·5	92·7	79·3	73·1	28·8		53		2·9		1	1	0	1	9	1	1	1	15
Sukkur	0300	221	996·1	—0·2	1003·6	83·0	77·4	74·9	29·7	+2·5	77	+4	2·1	+1·7	1	4	0	6	8	2	0	0	9
	1200		992·8		1000·2	96·9	81·3	74·4	29·7		50		1·9		8	3	0	1	2	4	6	5	1
Jacobabad	0000	183	996·2		1002·5	82·7	76·6	73·7	29·0		75		1·3		2	6	3	7	5	1	0	0	6
	0300		997·9	—0·2	1004·2	85·3	77·4	73·6	28·1	—0·3	68	—5	1·1	+0·6	1	4	11	9	2	0	0	0	3
	1200		994·5		1000·7	98·1	78·4	68·2	24·4		39		(b) 1·2		1	1	2	16	8	2	0	0	0
Reti	0600	280	992·5		1002·1	81·3	74·5	71·0	25·5		70		0·3		1	0	3	0	4	2	0	3	17
	0300		995·1		1004·5	85·8	80·3	77·9	33·1		78		0·3		2	3	0	3	3	4	0	0	15
	1200		992·2		1001·2	96·4	88·0	84·9	40·6		70		0·3		5	3	1	0	3	2	3	4	9
JUNAGADH																							
Veraval (R)	0000	26																					
	0300																						
	1200																						
AFGHANISTAN																							
Jalalabad (†)	0300	1950																					
	1200																						
Kabul	0300	5955	819·3	—	801·5	63·2	50·8	39·0	8·9	+1·3	41	0	0·5	+0·1	2	0	1	0	2	3	10	12	0
	1200		816·1		799·1	84·4	59·9	40·4	8·9		21		1·4		8	11	4	1	0	0	1	2	3
Kandahar (†)	0300	3462																					
	1200																						
ARABIA																							
Muscat	0300	20	1003·8		1004·3	83·6	79·3	77·0	32·4		81		(c) 2·0	+1·0	1	0	0	6	0	0	0	0	21
	1200		1002·0		1002·5	86·3	80·1	77·1	32·3		76		(b) 1·4		3	0	7	13	0	0	0	0	6
Kuwait (†)	0600	16																					
	1200																						

(R) Register not received. (†) Observatory remain closed. (b) Means for 30 days. (c) Mean for 28 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF SEPTEMBER, 1955.

Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal	Thunder heard.	Hail.	Visibility Code Figure 93 or Less. Fog.	Haze (dust)	Dust Storm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (EAST)																					
Cox's Bazar	87·7	+1·3	93	30	76·3	+0·4	74	1,30	14·68	—0·57	5·05	1	17	+2·6	3·0	+0·4	7	0	0	0	0
Chittagong	87·9	+0·8	93	24	76·9	+0·5	75	5,28,30	10·06	—2·58	2·97	22	14	+1·0	3·6	—1·1	14	0	0	0	0
Noakhali (Maijdee)	87·0	+0·3	92	4 days	78·0	—0·3	73	13,22	12·35	—3·75	1·35	22	18	+2·0	x	—	0	0	0	0	0
Comilla	90·1	+1·5	95	25	77·4	+0·5	75	30	8·48	—2·87	1·68	19	11	—2·7	3·4	+0·2	0	0	0	0	0
Brahmanbaria...	89·4	—0·8	95	24	79·1	+2·6	76	14	8·73	—0·87	2·30	16	13	—0·1	3·1	—	6	0	0	0	0
Srimangal	89·0	—1·3	94	25,29,30	75·3	0·0	73	14,15	15·37	+3·60	6·11	14	16	+0·1	0·7	—1·8	12	0	0	0	0
Mymensingh	88·2	+0·4	94	29	77·9	+0·1	73	11	14·76	+0·67	3·63	11	11	—3·7	1·7	+0·3	3	0	0	0	0
Narayangang	90·1	+1·4	95	25,29	79·3	+0·5	75	30	7·62	—2·14	1·50	30	16	+3·9	3·6	+0·7	1	0	0	0	0
Dacca (Teigaon)	89·0		93	8,25,29	78·0	—	75	30	7·43	—	1·42	19	17	—	3·5	—	15	0	2	0	0
EAST PAKISTAN (DELTAIC)																					
Faridpur	88·5	+0·7	93	25	78·3	—0·2	73	30	12·35	+3·09	2·49	15	17	+5·0	4·6	+0·9	7	0	0	0	0
Barisal	90·2	+2·1	93	24,27,29	78·3	+0·1	75	25,26	8·41	—1·67	1·57	5	12	—2·2	x	—	0	0	0	0	0
Khulna	90·9	+1·9	95	24,29	78·6	+0·1	76	12	6·68	—1·24	0·81	14	14	+1·8	3·0	+0·4	3	0	0	0	0
Satkhira	90·1	+0·5	96	6	75·7	—2·6	71	12	6·41	—2·37	1·40	19	13	+0·8	0·6	—0·9	0	0	0	0	0
Jessore	89·9	+0·6	93	5 days	77·8	+0·3	76	4 days	3·15	—5·33	1·09	2	8	—4·0	3·5	+1·4	0	0	0	0	0
EAST PAKISTAN (NORTH)																					
Pabna	91·8	+1·0	95	22	79·0	+2·6	74	21	x	x	x	x	x	x			0	0	0	0	0
Sirajganj	88·3	—	93	8,30	79·1	—	76	12,13	9·26	—0·43	3·28	16	12	+0·2	3·1	—	7	0	0	0	0
Rajshahi									(b) 7·49	—	1·89	28	11			—	0	0	0	0	0
Bogra	89·8	+0·7	94	25,29	79·0	+1·1	74	11	13·03	+1·74	5·60	19	11	—1·6	2·4	+1·0	11	0	0	0	0
Dinajpur	90·7	+2·0	100	29	78·2	+0·3	73	15	15·09	+2·04	2·86	16	11	—1·5	2·3	+0·5	7	0	0	0	0
Rangpur ...									6·23	—7·87	1·75	15	13	+0·1	—	—	0	0	0	0	0

(x) Data not available. (b) Observations for 29 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonemag (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Misgar	67·5	—	81	3,4	42·4	—	34	25	0·36	—	0·30	8	1	—	1·2		0	0	0	0	0
Gilgit (x)																					
Jammu (x)																					
NORTH PUNJAB																					
Lahore (Jail Road)	93·1	—4·2	98	7	75·9	—2·8	72	6 days	8·59	+6·39	4·56	9	5	+2·5	1·8	+0·5	7	0	0	0	2
Lahore (Cantt)	91·9	—	96	7,24	75·4	—	71	14,26	6·34	—	2·05	9	5	—	2·6	—	6	0	0	0	1
Lahore (Walton)	92·7	—	98	13	75·8	—	70	17	4·68	—	1·41	17	5	—	5·0	—	4	0	0	0	0
Sialkot	93·7	—0·9	99	4	*	—	*	—	4·74	+1·31	1·22	14	7	+3·2	1·3	+0·1	7	0	0	0	0
Jhelum	93·8	—	98	25	74·2	—	67	14,23	3·96	—	1·95	14	6	—	1·5	—	8	0	0	0	0
Chakala	90·7	—	96	13	70·1	—	62	23	6·92	—	3·40	14	7	—	3·3	—	12	0	0	0	0
Rawalpindi	90·9	—2·5	100	4 days	68·8	—0·5	63	6 days	7·24	+3·35	3·30	14	5	+0·4	1·1	—0·2	5	0	0	0	0
Murree	78·7	—1·6	76	1	55·9	+1·1	50	18	4·83	—0·59	1·35	14	8	+0·8	4·3	+1·0	9	0	6	0	0
Campbellpur	*	—		—	*	—		—	2·24		0·61	7	5	—	*	—	0	0	0	0	0
Khushab	97·2	—1·4	102	13	76·9	+0·8	71	17,23,24	0·29	—1·09	0·29	9	1	—1·0	3·0	—0·7	0	0	0	0	1
Sargodha (†)																					
Lyallpur	96·4	—1·7	102	13	76·9	+1·7	71	24,26	1·24	—0·25	1·24	17	1	—0·7	2·0	0·0	4	0	0	0	0

(*) Data rejected. (x) Data not available. (†) Observatory remain closed.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2
SOUTH PUNJAB																					
Leish (†)																					
Montgomery	97·0	—2·3	103	14	77·6	+1·7	71	24,26	0·02	—1·25	0·02	8	0	—1·6	2·0	—1·4	0	0	0	0	0
Multan (s)	98·1	—0·6	102	4 days	78·7	+1·0	72	10	3·50	+2·96	3·50	9	1	+0·3	2·4	+0·7	0	0	0	0	0
Khanpur (P. B. O.)	98·5	—	102	3,4,7	77·3	—	72	21,22,27	0·76	—	0·65	9	2	—	4·6	—	2	0	0	0	0
Khanpur (s)	100·1	—2·1	103	7 days	79·1	+2·1	75	5 days	0·00	—0·19	0·00	—	0	—0·2	3·9	—1·2	0	0	0	0	0
Bahawalpur	98·5	—1·9	103	13,22	x	—	—	—	x	—	—	—	x	—	0·4	—2·7	2	0	0	0	0
Fort Abbas	99·7	—	104	13,14,21	77·9	—	70	24,25	0·34	—	0·34	9	1	—	5·1	—	2	0	0	0	0
N. W. F. P. (Upper)																					
Drosh	93·7	+5·7	103	12,13	67·0	+2·6	57	23	0·65	—0·04	0·32	18	2	+0·1	4·0	+0·8	9	0	0	0	0
Chakdara	91·0	—	95	2,3,13	67·8	—	60	23	1·37	—	0·42	14,15	5	—	3·6	—	7	0	0	0	1
Peshawar	93·5	—1·5	99	14	74·2	+2·4	67	23	0·08	—0·73	0·07	10	0	—1·5	2·8	+1·5	12	0	0	0	0
Risalpur	95·3	—	100	7,12,13	74·6	—	65	23	0·35	—	0·32	9	1	—	3·2	—	13	0	0	0	5
Haripur (Hazra)	91·5	—	96	13,21	55·1	—	50	13,23	3·53	—	2·33	14	3	—	3·0	—	0	0	0	0	0
Kakul	82·3	—	86	2	64·8	—	60	22	4·15	—	1·32	8	6	—	x	—	4	0	0	0	0
Cherat	82·5	—1·5	89	13	65·7	—0·4	61	4 days	1·62	—0·45	0·78	19	4	+1·1	4·8	+0·7	10	0	0	0	1
Landikotal	87·3	—	93	12	66·7	—	57	23	0·05	—	0·03	22	0	—	2·6	—	12	0	0	0	5
N. W. F. P. (Lower)																					
Kohat	94·9	—	102	3,13	75·0	—	60	22	2·91	—	1·47	22	7	—	4·2	—	15	1	0	0	0
Parachinar	80·0	—1·2	86	4	59·9	+1·3	52	23	5·00	+2·89	1·50	9	10	+5·0	2·6	+0·5	15	0	0	0	0
Miranshah	90·3	—1·4	96	3	72·9	+1·8	67	23,24,25	0·00	—0·73	0·00		0	—1·7	4·2	—0·4	0	0	0	0	0
Bannu	94·8	—3·1	101	3	76·3	+2·6	71	4 days	0·17	—0·46	0·09	5	0	—1·0	2·5	—	0	0	0	0	1
Wana	88·1	—1·5	91	5 days	67·8	+6·6	58	26	0·30	—0·19	0·30	4	1	—0·4	0·7	—	0	0	0	0	0
D. I. Khan	98·5	—0·9	104	3	80·2	+4·6	74	8	1·12	+0·49	0·46	8	3	+2·1	0·5	—0·7	1	0	0	0	2

(†) Observatory remain closed. (x) Data not available. (R) Register not received.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN (NORTH)																					
Fort Sandeman	93·1	+0·4	99	4	68·3	+2·1	61	26,27	0·51	+0·19	0·25	8	2	+1·3	3·3	+1·6	0	0	5	0	0
Hindubagh	90·9		98	8	*		*	*	0·00		0·00	—	0		5·0		0	0	0	0	0
Loralai	87·7		91	16	60·3		52	28	0·00	—0·19	0·00	—	0	—0·5	2·7		1	0	0	0	0
Sibi	(i) 103·6	—0·4	(i) 108		(j) 79·3	+0·4	(i) 70	27,29	(i) 0·67		(i) 10·67		8		(j) 3·6	+0·3	0	0	0	0	0
Harnai									0·61	—0·33	0·35	5	2	+0·6							
Quetta (Samungli)	89·2		95	4 days	50·5		35	26,28	0·00		0·00	—	0		4·9		2	0	0	1	0
Quetta	88·7		95	4,5	(b) 53·0		38	26,28	0·01		0·01	8	0		(c) 3·7	+2·1	1	0	0	0	0
Chaman	93·7	+2·9	100	4,5	66·2	+2·5	57	23	0·00	—0·03	0·00	—	0	—0·1	5·8	+2·1	0	0	0	0	0
Kalat	85·7	+1·7	92	6	50·4	+1·9	38	17	0·00	—0·09	0·00	—	0	—0·2	5·1	+1·4	0	0	0	0	0
Nushki	100·5	—	106	4	56·0	—	42	25	0·00	—	0·00	—	0	—	5·6	—	0	0	0	0	0
Dalbandin	100·7	+1·4	106	12	61·9	+0·3	52	30	0·00	0·00	0·00	—	0	0·0	3·3	+0·1	0	0	0	7	0
Nokkundi	102·4	+1·9	109	2	71·0	+0·1	59	26,27	0·00	0·00	0·00	—	0	0·00	7·1	—1·6	0	0	0	0	0
BALUCHISTAN (SOUTH)																					
Panjgur	95·6	—0·1	102	4	62·8	—2·2	51	27	0·00	—0·04	0·00		0	—0·2	2·0	—1·4	0	0	0	0	0
Turbat	105·1		110	25	76·7		69	23,24	0·20		0·20	10	1		x		1	0	0	0	0
Jiwani	77·1		103	24,25	73·4		70	29	0·00		0·00	—	0		6·0		0	0	3	0	0
Pasni	91·6	+2·4	105	26	71·3	—1·2	70	23,30	0·17	+0·17	0·17	9	1	+1·0	8·5	+2·5	0	0	0	0	0
Ormara	89·6	+3·2	104	24	77·7	+1·4	73	29	0·04	+0·03	0·04	8	0	0·0	9·6	+0·3	0	0	1	0	0
Las Bela	102·1	+2·7	110	30	*	*	*	*	0·85	+0·27	0·30	8	4	+3·5	2·1	—0·3	0	0	0	1	0

(*) Data rejected. (x) Data not available. (b) Mean for 29 days. (c) Mean for 28 days. (j) Mean for 21 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF SEPTEMBER, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze dust)	Dust Storm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SIND (LOWER)																					
Karachi (Manora)	88·4	+2·8	101	25	79·2	+2·9	76	9	3·63	+3·11	3·63	8	1	+0·5	x	—	0	0	0	0	0
Karachi (Airport)	92·4		104	23	77·5		73	30	3·79		3·45	8	3		7·3		4	0	0	0	0
Badin	94·9	+0·8	106	30	77·7	+0·5	73	7	10·19	+9·30	4·01	8	5	+4·1	4·8		0	0	0	0	0
Umarkot	96·1		105	30	75·9		70	30	3·84		2·06	7	5		3·5		0	0	0	0	0
Chhor	94·6		102	26	75·8		70	28,30	3·55		2·34	7	5		4·3		4	0	0	0	0
Hyderabad	96·8	—0·5	107	30	77·6	+1·2	75	4days	3·86	+3·23	1·10	6	5	+4·2	5·3	—2·0	0	0	0	0	1
SIND (UPPER)																					
Pad Idan	98·7		105	27	75·5		65	28	2·69		2·19	8	3		4·3		5	0	0	0	0
Nawabshah	96·3		105	30	76·4		67	28	5·62		2·62	6	3		3·6		4	0	0	0	0
Sukkur	99·5	—0·9	103	22,30	79·8	+1·1	76	17,29	1·15	+1·13	0·80	9	3	+2·9	2·5	—1·0	1	0	0	0	0
Jacobabad	100·5	—1·8	107	3	81·6	+4·6	75	29	0·02	—0·15	0·02	9	0	—0·3	5·9	+1·4	2	0	0	0	0
Reti	101·9		104	4,27	77·5	—	71	21,23	3·40	—	2·95	8	2	—	*	—	0	0	0	0	0
JUNAGADH																					
Veraval (R)																					
AFGHANISTAN																					
Jalalabad (†)																					
Kabul	87·5	+3·0	93	3,4	53·5	+2·1	45	26	0·00	—0·04	0·00	—	0	—0·2	2·2	+0·6	1	0	0	0	0
Kandahar (†)																					
ARABIA																					
Muscat	89·1	—2·6	94	28,29	81·3	—1·3	77	12,13	0·00	0·00	0·00	0	—	0·0	(d) 2·4	—0·4	0	0	0	0	0
Kuwait (†)																					

(*) Data rejected. (†) Observatory remain closed. (R) Register not receive. (d) Mean for 27 days.

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PAKISTAN WEATHER REVIEW, 1955.

Monthly Weather Report.

October.

PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN.

Chief Features : (1) Unprecedented floods in the Punjab during the first fortnight due to the passage of two depressions across the Punjab (Bharat).

(2) Heavy rainfall along Chittagong coast on the 25th as a result of incursion of monsoon over North east Bay.

West Pakistan.—The depression which was affecting East Pakistan towards the end of the previous month moved to Bhopal (Bharat) and then recurving northwards moved across Punjab (Bharat) broke up on Punjab-Kumaon hills during the later part of the first week. It was responsible for very heavy down-pour in the Punjab (Bharat) in the upper catchment areas of the Punjab rivers resulting in unprecedented floods in the Ravi, Chenab and Sutlej, which according to press reports, caused heavy losses of life and property in Sialkot, Lahore, Sheikhupura, Lyallpur, Montgomery, Muzaffargarh and Multan districts and Bhawalpur state. Communications were dislocated and several bunds were breached. Sialkot recorded 3" rain on the 5th.

Another deep depression moved from the Bay of Bengal to Seoni (Bharat), recurved north-north-Westwards and passing across the (Punjab) (Bharat) on the 13th filled up in the vicinity of Kumaon hills on the 14th. It caused only a few falls in the Punjab (Pakistan) but a marked spell of wet weather with locally heavy falls across the border and in the catchment areas of different rivers temporarily deteriorated the flood situation in Pakistan.

Three low pressure waves from the west also affected the northern parts of West Pakistan during the first fortnight causing occasional falls with thunderstorm activity. Weather remained dry during the rest of the month.

The total rainfall during the month was in large excess in north Punjab, in moderate excess in upper North-West Frontier Province and in north Punjab, in moderate defect in south Punjab and in large defect elsewhere. Averaged over the region as a whole, it was in large excess.

The mean maximum temperature was below normal in the Punjab and north Baluchistan and normal elsewhere. The mean minimum temperature was below normal in Baluchistan, above normal in lower NWFP and normal elsewhere. The mean relative humidity was below normal in Baluchistan, normal in lower Sind and above normal elsewhere. Cloudiness was in defect over Baluchistan and upper NWFP, normal over lower NWFP and lower Sind and in excess elsewhere.

East Pakistan—The deep depression in the north Bay of Bengal on the last day of the previous month crossed coast near Cuttak and moved away westnorthwestwards. It was responsible for fairly widespread rain in the Eastern and the Deltaic sub-divisions of East Pakistan during the first three days of the month.

A cyclonic storm from the north Bay of Bengal Crossed coast near Gopalpur on the 11th weakened into a deep depression and moved westnorthwestwards. It caused scattered rain thunder showers in East Pakistan between the 6th and the 10th and fairly wide spread thunder showers in the Deltaic sub-division on the following two days.

A trough of low pressure extending from the west central Bay to the northeast Bay of Bengal caused incursion of monsoon air into East Pakistan resulting in scattered rain or thunder showers on 22nd and fairly wide spread during the next three days with heavy falls at a few places between the 23rd and 25th.

A few falls were also reported from the Eastern and the Deltaic sub-divisions in the beginning of the third week in association with the passage of an easterly low pressure wave across central Bay of Bengal.

The outstanding amounts of rainfall during the spell were :—Noakhali and Barisal 4" each on the 24th; Chittagong 16" and Cox's Bazar 9" on the 25th.

The total rainfall during the month was in large defect in the northern sub-division, in moderate excess in Deltaic sub-division and normal in the rest of the region.

The mean maximum and mean minimum temperatures and the mean relative humidity were normal every-where except in the Eastern and Northern sub-divisions where the mean minimum temperatures were above normal. Skies were clouded as usual except in the Deltaic sub-division where the cloudiness was in excess.

Table 1 contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud for 5 chief divisions and 12 sub-divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent tables.

TABLE I.—DIVISIONAL AND SUB-DIVISIONAL MEANS OCTOBER 1955.

Division.	PRECIPITATION.				DEPARTURE FROM NORMAL OF				
							03 hrs. G.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
	Inches	Inches	Inches		°F ~~Degree~~	°F ~~Degree~~	mb	%	
1. East Pakistan	5·66	5·70	—0·04	—1	+1·0	+2·0	+1·0	+1	+0·7
Mean of East Pakistan	5·66	5·70	—0·04	—1	+1·0	+2·0	+1·0	+1	+0·7
2. Punjab	1·47	0·20	+1·27	+635	—3·6	+0·6	+3·0	+9	+0·4
3. N.W.F.P.	0·09	0·10	—0·01	—10	—1·7	+2·1	+2·2	+8	—0·1
4. Baluchistan	0·06	0·04	+0·02	+50	—1·2	—2·9	—0·7	—7	—0·6
5. Sind	0·00	0·02	—0·02	—100	—0·2	+0·1	+0·7	+6	+0·2
Mean of West Pakistan excluding Baluchistan	0·74	0·12	+0·62	+517	—2·1	+0·5	+0·9	+8	+0·2
SUB-DIVISION									
1. East Pakistan (East)	6·97	6·76	+0·21	+3	+1·2	+2·1	+0·7	—1	+0·4
2. East Pakistan (Deltaic)	7·25	4·87	+2·38	+49	0·0	+1·7	+1·4	+5	+1·5
3. East Pakistan (North)	1·97	4·84	—2·87	—53	+1·9	+2·2	+1·0	—1	—0·1
4. Kashmir*	...	...	...	...	...	...	...	...	...
5. North Punjab	2·33	0·29	+2·04	+703	—4·5	+0·3	+3·6	+11	+0·3
6. South Punjab	0·04	0·06	—0·02	—33	—2·2	+0·9	+2·1	+8	+0·5
7. N. W. F. P. (Upper)	0·35	0·23	+0·12	+52	—1·3	+1·2	+1·8	+9	—0·4
8. N. W. F. P. (Lower)	0·01	0·06	—0·05	—83	—1·8	+2·3	+2·3	+8	0·0
9. Baluchistan (North)	0·09	0·06	+0·03	+50	—2·1	—3·1	—0·3	—7	—0·4
10. Baluchistan (South)	0·00	0·01	—0·01	—100	+0·5	—2·5	—1·9	—9	—1·1
11. Sind (Lower)	0·00	0·03	—0·03	—100	+0·3	+0·3	—0·1	+1	—0·1
12. Sind (Upper)	0·00	0·01	—0·01	—100	—1·3	—0·3	+2·1	+14	+0·7
13. Junagad*	...		...	...	...	...	...	...	—

(*) Data incomplete.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0pkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
EAST PAKISTAN (EAST).																							
Cox's Bazar	0300	38′	1009·2	—1·1	1010·5	83·1	78·4	76·1	31·3	+1·0	81	+1	4·0	+0·6	5	8	4	8	2	1	0	1	2
	1200		1006·7		1008·0	82·8	78·1	76·1	31·3		81		5·0		1	1	0	6	3	3	3	9	5
Chittagong	0300	87′	1007·8	—1·0	1010·8	82·9	77·4	75·3	29·7	+0·1	77	—6	3·6	0·0	6	5	2	5	1	0	0	0	12
	1200		1004·6		1007·6	81·9	77·3	74·8	30·2		81		4·8		4	1	1	2	1	5	3	5	9
Noakhali	0000	25′	1007·5		1008·4	77·0	75·5	75·3	29·5		93		3·2		0	0	0	0	0	0	0	0	31
(Maijdee)	0300		1010·2	—0·6	1011·1	82·7	77·7	75·5	30·5	—0·1	79	—4	2·9	—0·1	0	0	0	0	0	0	0	3	28
	1200		1006·9		1007·8	82·0	77·5	75·7	30·2		81		3·3(a)		0	0	0	1	0	(a) 0	0	1	28
Comilla	0000	29′	1008·4		1009·4	76·3	75·3	74·5	29·2		95		3·2		1	0	2	3	0	0	0	0	25
	0300		1009·9	—0·9	1010·9	82·9	77·9	75·6	30·5	+0·5	79	+3	3·1	+0·3	4	0	0	4	7	0	0	0	16
	1200		1006·9		1007·9	83·3	78·8	77·0	31·3		81		3·9		0	1	0	6	2	0	2	0	20
Brahmanbaria	0000	32′	1008·4		1009·5	78·2	76·5	75·7	30·5		93		4·0		0	0	1	4	2	0	0	0	24
	0300		1009·9		1011·0	84·1	78·1	75·4	30·0	+0·8	75	—1	3·9		4	3	6	2	4	3	0	0	9
	1200		1006·5		1007·6	83·6	77·9	75·5	30·8		77		3·0		1	0	0	1	5	5	0	1	18
Srimangal	0000	69′	1007·4		1009·8	73·4	72·6	71·9	26·4		95		3·3		0	0	0	1	0	0	0	0	30
	0300		1008·6	—1·3	1011·0	81·6	77·4	75·6	30·9	+2·5	83	—1	4·5	+1·3	1	0	0	1	3	3	0	0	23
	1200		1005·0		1007·3	81·6	78·3	77·0	31·7		85		3·6		0	0	0	2	1	2	0	0	26
Mymensingh	0000	62′	1007·6		1009·8	76·1	74·8	74·2	28·5		93		2·7		0	0	5	1	0	0	0	0	25
	0300		1009·3	—0·7	1011·5	81·0	76·7	74·7	29·1	+0·3	80	—1	2·7	—0·8	1	0	7	4	1	0	1	0	17
	1200		1005·6		1007·8	83·5	77·8	75·2	29·7		77		3·0		0	0	3	2	0	0	1	0	25
Narayanganj	0000	26′	1009·0		1009·9	78·9	76·8	75·7	30·8		91		3·7		0	0	4	2	0	0	2	2	21
	0300		1010·2	—0·7	1011·1	83·5	77·9	75·1	29·7	+0·6	77		4·6	+1·2	1	1	6	3	3	1	3	7	6
	1200		1006·6		1007·5	84·0	77·3	74·2	29·3		73		4·5		0	0	2	2	5	0	3	1	18
Dacca (Tejgaon)	0000	27′	1007·7		1008·7	76·5	75·3	74·7	30·2		95		4·6		2	2	2	3	0	0	0	1	21
	0300		1009·5		1010·5	83·2	77·9	75·6	29·7		77		4·8		6	6	5	6	0	0	2	2	4
	1200		1006·1		1007·1	82·6	76·9	74·4	29·7		77		4·7		4	1	1	1	2	0	4	1	17
EAST PAKISTAN (DELTAIC)																							
Faridpur	0000	46′	1007·2		1008·8	77·7	76·1	75·2	30·5		93		4·0		6	2	1	3	3	0	0	0	16
	0300		1008·6	—1·2	1010·2	82·4	77·7	75·2	30·2	+1·0	81	+5	4·6	+2·2	10	5	1	4	4	0	0	4	3
	1200		1005·4		1007·0	83·1	77·8	75·3	29·7		77		4·6		8	2	0	3	2	1	0	2	
Barisal	0000	11′	1008·3		1008·7	78·4	76·3	75·7	29·7		91		3·2		0	1	1	0	1	0	0	10	
	0300		1009·4	—1·6	1009·8	83·8	78·2	75·8	30·8	+0·6	77	—2	4·4	+1·4	7	2	2	2	6	0	0	18	
	1200		1007·0		1007·4	84·0	78·2	75·9	30·0		75		4·2		2	1	1	1	4	0	0	9	

(a) Mean of 30 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Cpkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5(a)	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Khulna	0000	16′	1008·6		1009·2	77·4	76·3	75·7	30·2		95		5·0		1	0	1	1	3	0	0	2	23
	0300		1010·6	−0·6	1011·3	81·9	77·7	77·2	30·9	+2·4	83	+9	5·1	+1·7	2	5	1	2	1	0	0	0	20
	1200		1007·1		1007·6	82·8	78·2	75·7	31·[illegible]		81		5·5		0	1	1	1	3	0	0	0	25
Satkhira	0000	16′	1008·5		1009·0	76·8	75·4	75·9	29·5		93		3·7		0	0	0	2	0	1	0	1	27
	0300		1009·9	−1·2	1010·4	81·7	77·0	74·8	30·2	−0·9	81	+3	3·6	+0·7	5	2	0	5	0	1	1	3	14
	1200		1007·2		1007·7	81·7	77·6	75·9	30·9		83		4·4		0	1	0	3	0	1	0	2	24
Jessore	0000	26′	1007·8		1008·7	75·5	74·8	74·6	28·9		98		4·2		1	2	6	1	5	2	1	2	11
	0300		1009·7	−1·1	1010·6	80·3	77·6	76·6	31·1	+2·1	89	+11	4·5	+1·7	5	7	7	1	4	2	0	5	0
	1200		1005·4		1006·3	82·4	78·4	75·8	30·9		83		5·9		5	1	4	1	14	1	1	0	4
EAST PAKISTAN (NORTH)																							
Pabna																							
	0300					83·3	78·4	76·0	30·5	+1·1	79	+1											
Sirajganj	0000	49′	1007·2		1008·9	76·7	74·9	74·4	28·7		91		3·1		1	1	3	0	0	1	0	1	24
	0300		1008·9		1010·6	83·4	77·5	74·8	29·0		75		3·2		5	0	2	2	1	1	1	1	18
	1200		1005·6		1007·3	81·4	77·2	75·3	29·9		83		2·4		0	0	0	4	0	1	0	0	26
Bogra																							
	0300	63′	1008·7	−0·8	1010·9	82·3	77·1	74·8	29·4	−0·8	79	−1	3·7	+1·1	5	5	7	2	0	5	4	1	2
	1200		1005·1		1007·2	84·5	77·3	74·2	29·6		71		3·1		2	1	1	1	2	5	6	2	11
Dinajpur	0000	123′	1005·7		1009·9	74·7	72·7	72·0	26·8		90		1·3		0	3	0	0	0	0	0	0	28
	0300		1007·0	−0·5	1011·2	81·9	76·4	74·7	28·7	+1·2	77	−4	1·2	−1·4	0	0	3	0	0	0	1	0	27
	1200		1003·6		1007·8	84·5	77·8	74·3	30·3		73		1·1		0	0	2	1	0	0	0	0	28
[illegible]	0300												2·5		0	6	8	3	8	1	2	0	3
	1200												2·5		0	0	1	1	1	0	0	0	28

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar. cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Departure from normal.	Reduced to standard temperature and M. S. L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5(a)	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
KASHMIR.																							
Srinagar (X)	0000	5205																					
	0300																						
	1200																						
Gulmarg (X)	0300	8709																					
	1200																						
Gurez (X)	0300	—																					
	1200																						
Sonemarg (X)	0300	—																					
	1200																						
Dras (X)	0300	10059																					
	1200																						
Kargil (X)	0300	—																					
	1200																						
Leh (X)	0300	11529																					
	1200																						
Skardu (X)	0000	7250																					
	0300																						
	1200																						
Miyar	0000	10190	700·3		709·4	35·4	29·8	20·2	5·9		56		2·6		0	0	0	0	0	0	4	0	27
	0300		702·2	—	711·3	36·2	29·9	19·0	5·7	—	51	—	2·3	—	1	0	0	0	0	0	2	0	28
	1200		699·2		708·1	48·2	35·1	13·7	2·9		25		2·0		0	0	9	0	0	0	6	0	16
Gilgit (X)	0000	4950																					
	0300																						
	1200																						
Jammu (X)	0000	1200																					
	0300																						
	1200																						
NORTH PUNJAB.																							
Lahore (Jail Road).	0000	702	984·7		1009·5	64·0	63·0	62·1	19·2		94		1·2		0	3	3	1	0	0	0	0	24
	0300		985·9	—0·9	1010·5	69·5	66·6	64·4	21·0	+5·1	85	+59	1·2	+0·6	2	3	1	2	0	0	3	1	19
	1200		983·8		1007·8	81·9	71·6	65·8	21·8		58		1·5		1	3	1	0	0	1	2	0	23
Lahore (Cantt.).	0000	703	984·3		1009·3	64·5	62·8	61·3	18·7		91		1·5		1	3	1	0	0	0	0	1	25
	0300		985·6	—	1010·4	71·0	66·8	63·8	20·6	—	79	—	1·3	—	4	3	3	1	0	1	2	0	17
	1200		983·3		1007·4	81·1	69·3	61·6	19·2		54		1·4		4	3	1	1	0	1	0	5	16
Lahore (Walton)	0000	699	984·6		1009·4	64·4	62·9	61·5	18·9		91		1·6		0	4	3	1	0	0	1	5	17
	0300		985·9	—	1010·4	68·2	65·8	64·5	20·6	—	87	—	1·5	—	1	2	4	3	3	2	1	3	12
	1200		984·4		1008·3	81·6	70·2	63·3	20·2		54		1·5		2	4	4	2	2	1	5	8	3
Sialkot	0000	830	980·5		1009·6	65·9	63·9	62·8	19·4		89		1·2		0	2	1	1	0	0	0	2	25
	0300		982·2	—0·7	1011·0	71·0	66·2	63·8	20·0	+4·2	77	+15	1·4	+0·8	0	9	1	4	0	0	0	5	12
	1200		979·5		1007·8	80·6	70·5	64·7	20·9		60		1·2		0	1	2	2	0	2	0	5	19
Rohtas	0000	765	983·0		1010·3	62·0	60·3	58·9	17·1		89		1·2		0	1	0	0	0	1	0	1	28
	0300		984·5	—	1011·4	68·0	62·7	58·7	17·0	—	73	—	1·2	—	1	1	5	0	1	1	0	3	19
	1200		981·4		1007·5	82·7	69·2	60·3	18·3		48		1·2		0	0	0	2	1	1	2	1	24
Chakkia	0000	1667	952·9		895·7	57·9	54·7	51·9	13·3		82		0·8		8	2	1	0	1	0	6	3	10
	0300		954·1	—	897·4	63·7	58·0	53·2	14·2	—	70	—	0·9	—	4	4	1	1	1	0	1	1	18
	1200		951·5		896·8	81·6	62·7	48·0	11·8		32		0·7		0	1	0	1	4	0	15	1	9

(X) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M. S. L. or nearest 6pkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Rawalpindi	0000	1676	952·0		895·2	59·0	56·3	54·0	14·4		85		0·1		0	0	0	0	0	0	0	0	31
	0300		953·0	—1·7	897·2	68·3	59·8	53·3	14·1	+1·3	60	+8	0·7	—0·2	0	0	0	0	0	0	0	0	31
	1200		947·7		893·6	81·2	63·5	52·0	12·8		36		0·9		0	0	0	0	0	0	1	0	30
Murree	0000	7113	785·0		801·0	50·7	42·2	32·0	6·1		49		0·8		0	1	1	6	0	1	2	20	0
	0300		785·7	—1·5	801·5	54·7	45·4	36·0	7·0	—0·1	49	+3	1·2	+0·1	0	7	1	3	0	0	10	3	7
	1200		784·9		800·6	57·5	47·2	36·1	7·4		45		1·8		0	2	2	1	0	2	7	12	5
Campbellpur	0300	1175	969·5		1010·2	71·5	58·0	45·0	10·4		39		0·6		1	2	0	2	4	0	0	0	22
	1200		968·1		1007·4	88·0	65·0	45·5	10·7		23		0·5		3	0	4	2	2	0	0	0	20
Khushab	0000	616	988·0		1009·8	66·6	58·9	51·9	13·6		62		0·6		1	13	1	10	0	0	1	0	5
	0300		988·7	—1·5	1010·1	72·4	64·2	58·0	16·8	—3·4	62	+10	0·8	+0·2	2	7	3	4	1	2	0	0	12
	1200		986·2		1007·1	88·0	68·0	53·0	14·4		32		0·5		1	3	1	8	5	3	5	2	3
Sargodha (×)	0300																						
	1200																						
Lyallpur	0000	605	987·9		1009·3	63·5	61·8	60·3	18·1		90		1·4		2	2	2	2	1	0	0	0	22
	0300		989·3	—0·9	1010·5	67·9	63·9	61·0	18·5	+3·9	79	+24	0·9	+0·2	2	2	2	1	4	2	1	1	16
	1200		987·0		1007·6	84·8	71·7	64·5	20·6		51		1·0		3	0	0	0	1	3	1	2	21
SOUTH PUNJAB																							
Leiah †	0300	490																					
	1200																						
Montgomery	0000	558	989·5		1009·2	64·7	62·1	60·1	17·9		86		1·2		1	2	2	0	0	0	0	0	26
	0300		990·8	—0·7	1010·3	70·1	65·0	61·6	18·8	+2·5	75	+15	1·1	+0·7	2	2	1	6	1	1	0	0	18
	1200		988·5		1007·4	87·7	72·6	63·5	20·5		46		1·0		0	4	3	0	0	0	0	3	21
Multan	0300	413	996·4	—0·1	1010·9	74·5	65·1	58·2	17·0	—0·2	57	—2	0·7	+0·3	9	1	0	1	7	1	0	0	12
	1200		993·3		1007·2	90·6	68·5	52·0	13·8		29		0·1		2	6	2	2	2	7	0	5	5
Khanpur(P.B.O.)	0000	290	998·1		1008·5	63·4	60·7	58·5	16·9		85		0·9		2	5	0	0	1	2	0	0	21
	0300		999·6	...	1009·9	71·7	65·0	60·2	18·1	...	68	...	0·8	...	2	5	0	0	1	7	0	0	16
	1200		996·7		1006·6	89·8	71·3	59·4	17·8		37		0·9		9	2	1	0	1	1	6	0	11
Khanpur (Surface)	0300	297	999·6	—1·3	1010·0	74·2	66·3	60·7	18·5	+4·1	63	+10	0·6	+0·4	1	5	1	0	1	4	0	0	19
	1200		996·6		1006·7	90·1	74·4	64·6	21·9		45		0·4		0	1	0	0	0	0	0	0	30
Bahawalpur	0300	384	996·8	—1·1	1010·1	72·2	66·4	62·4	19·8	+3·3	72	+17	0·4	0·0	0	0	0	0	0	1	0	0	30
	1200		994·0		1007·0	88·1	74·8	67·9	24·0		51		0·1		0	0	0	0	0	0	0	0	31
Fort Abbas	0000	475	991·9		1008·7	65·5	60·2	55·0	15·5		71		0·8		4	3	9	7	3	1	0	1	3
	0300		993·8	...	1010·3	75·2	65·3	58·0	16·9	...	56	...	0·9	...	3	3	3	10	5	3	2	1	1
	1200		990·6		1006·7	89·0	68·2	53·2	14·1		30		1·1		9	9	1	8	1	2	4	4	1

(†) Observatory remained closed. (X) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Departure from normal.	Reduced to standard temperature and M. S. L. or nearest Gylm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction. Number of Observations From— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
N. W. F. P. (Upper)																							
Drosh	0000	4806	854·6		902·7	54·3	45·8	35·2	7·1		49		1·2		0	0	0	0	0	1	0	0	30
	0300		855·8	—2·1	904·0	55·5	46·2	35·0	7·0	—0·9	46	—11	1·2	—0·2	0	0	0	0	0	0	0	0	31
	1200		851·1		897·3	73·6	52·3	27·2	4·9		16		2·9		0	2	0	2	0	20	0	0	7
Chakdara	0000	2197	933·4		896·1	57·6	53·0	49·5	11·9		73		0·7		14	4	0	0	0	0	0	2	11
	0300		934·9	...	897·9	61·9	55·3	49·7	12·3	...	65	...	0·5	...	13	10	1	0	1	0	0	5	1
	1200		931·3		895·7	81·2	64·4	53·0	13·9		38		0·8		4	12	2	7	2	0	1	3	0
Peshawar	0000	1155	969·4		1010·0	63·4	56·1	48·8	12·1		60		0·8		2	0	1	0	5	9	0	3	11
	0300		970·6	—1·4	1010·8	66·8	59·1	52·0	13·7	+1·8	61	+9	0·6	—0·4	1	2	0	0	0	3	1	2	22
	1200		967·5		1006·5	82·7	66·1	53·5	15·2		38		1·5		3	17	3	1	0	0	0	1	6
Risalpur	0000	993	975·6		X	X	X	X	X		X		0·6		4	3	1	0	0	0	1	1	21
	0300		976·8	...	1011·9	65·5	59·9	55·6	15·1	...	70	...	0·5	...	0	0	3	3	1	1	2	4	17
	1200		973·4		1007·0	84·8	65·6	50.5	13·9		32		0·9		1	6	5	3	1	0	2	1	12
Haripur (Hazara)	0300	1737	952·8	...	898·3	60·4	54·5	49·0	12·1	...	67	...	0·1	...	0	0	31	0	0	0	0	0	0
	1200		950·0		898·1	84·2	64·9	51·2	13·2		32		0·4		0	1	1	0	0	0	26	3	0
Kakul	0000	4214	871·7		901·4	57·5	49·8	42·7	9·1		55		0·8		10	6	0	0	0	1	0	12	2
	0300		872·5	...	901·9	63·3	53·4	44·0	9·9	...	50	...	1·0	...	3	4	2	2	2	1	1	14	2
	1200		870·9		899·8	70·8	56·9	45·6	10·5		39		1·2		0	1	0	7	8	11	1	3	0
Cherat	0000	4272	868·9		900·3	60·2	52·0	43·6	9·9		56		0·4		7	0	0	6	8	1	0	7	2
	0300		869·8	—1·8	901·0	63·1	53·6	44·1	10·3	+1·4	52	+4	0·6	—0·3	9	0	0	3	7	3	0	8	1
	1200		868·4		899·1	70·9	57·6	46·0	10·8		42		1·1		3	0	0	12	13	0	0	3	0
Landikotal	0000	3503	892·7		899·8	56·1	50·6	45·1	10·3		67		0·5		0	0	0	1	0	0	0	0	30
	0300		893·8	...	900·8	62·4	54·8	47·7	11·6	...	60	...	0·3	...	1	0	0	1	0	1	0	0	28
	1200		891·5		898·3	75·4	60·1	47·2	11·6		38		1·1		0	7	0	18	0	2	1	3	0
N.W.F.P. (LOWER)																							
Kohat	0300	1667	953·0	...	898·9	70·0	57·5	46·1	11·1	...	45	...	0·5	...	0	0	0	1	0	3	1	23	3
	1200		952·3		897·8	83·4	63·1	47·5	11·5		28		0·8		0	7	3	8	3	0	3	0	7
Parachinar	0000	5673	827·4		799·9	49·8	43·6	37·6	7·5		62		0·2		26	0	0	0	0	0	0	0	5
	0300		827·6	—1·3	800·5	56·3	47·3	37·5	7·9	+0·9	51	+6	0·3	—0·6	0	0	0	0	0	0	0	0	31
	1200		827·0		800·6	58·7	55·1	43·5	9·9		42		1·9		1	1	0	29	0	0	0	0	0
Miranshah	0000	3026	910·1		901·9	64·3	54·0	43·8	10·1		49		0·6		0	0	0	0	0	1	0	1	29
	0300		909·5	..	901·2	64·5	64·0	44·5	10·1	+2·9	40	+6	0·5	0·0	0	1	1	1	0	0	0	3	25
	1200		906·8		898·7	78·7	64·0	54·3	14·4		44		0·9		0	20	5	4	0	2	0	0	0
Bannu	0000	1263	965·6		1009·8	64·0	58·6	53·8	14·4		70		0·7		2	4	0	0	1	1	7	10	6
	0300		966·8	...	1010·8	68·9	61·2	54·6	15·0	+2·7	63	+12	0·6	0·0	0	1	1	3	1	1	13	8	3
	1200		964·5		1007·0	84·1	68·5	58·4	16·8		42		0·5		0	4	9	10	2	2	0	1	3
Wana	0300	4503	863·0	...	901·9	53·6	47·2	38·9	8·5	+2·0	60	+14	0·0	—0·3	0	0	0	0	0	0	0	0	31
	1200		860·5		897·7	74·1	59·0	46·3	12·1		38		0·0		0	0	0	0	0	0	0	0	31
D. I. Khan	0000	570	990·0		1010·1	67·4	64·2	62·0	19·0		84		0·4		0	0	0	0	0	0	0	0	31
	0300		990·3	—1·1	1010·3	70·0	63·1	58·0	16·6	+1·3	66	+5	0·4	—0·1	0	1	0	0	0	0	0	0	30
	1200		988·6		1007·8	88·1	71·3	61·1	18·6		40		0·3		0	0	0	0	0	0	0	0	31

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Departure from normal.	Reduced to standard temperature and M.S.L. or nearest Cyclkin. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
BALUCHISTAN NORTH																							
Fort Sandeman	0300	4616	861·0	—0·1	902·8	61·1	46·9	25·0	5·4	—0·5	29	—20	0·2	—0·4	0	3	0	0	1	4	2	0	21
	1200		858·5		898·7	78·9	53·2	13·7	3·7		11		0·8		1	1	0	1	1	10	4	5	8
Hindubagh	0000	5909	820·9		801·3	50·3	45·3	39·5	8·4		69		0·2		0	0	0	0	0	6	21	3	1
	0300		821·9		802·5	54·4	48·9	42·8	9·7		68		0·3		0	0	0	0	0	8	19	2	2
	1200		819·3		800·6	73·3	64·3	57·7	17·1		62		0·3		0	0	1	1	1	19	8	1	0
Loralai	0000	4699	855·8		901·0	48·7	35·8	21·9	4·1		35		0·2		0	0	0	0	2	11	8	1	9
	0300		856·9		901·6	55·8	43·8	26·3	5·0		33		0·1		0	0	0	0	0	6	16	5	4
	1200		854·4		897·5	74·9	54·2	30·2	6·3		21		0·5		0	0	0	10	7	4	2	0	8
Sibi	0000	441	994·0		1010·0	67·0	58·8	51·2	13·5		60		0·0		0	0	0	0	0	1	0	1	29
	0300		995·7	—0·5	1011·2	72·7	61·8	52·5	14·0	—4·4	51	+17	0·1	—0·3	0	1	0	0	0	3	0	0	27
	1200		992·1		1006·8	93·8	71·4	55·9	16·2		29		0·1		0	0	0	9	10	8	0	1	3
Quetta (Samungli)	0000	5253	842·3		801·6	36·6	32·4	26·6	5·0		67		0·0		2	2	9	10	0	0	1	0	7
	0300		843·1		802·9	44·4	37·3	28·5	5·0		51		0·1		0	0	5	6	1	0	2	0	17
	1200		840·6		802·8	72·3	51·2	39·4	5·3		20		0·2		1	0	0	1	0	0	10	19	0
Quetta	0300	5490	834·4	—1·7	802·1	56·6	49·4	43·2	9·8	+3·7	62	+13	0·0	—0·5	0	1	1	0	2	0	0	0	27
	1200		833·6		800·5	72·3	55·4	49·5	8·7		33		2·0		12	0	0	0	0	0	3	12	4
Chaman	0000	4311	(a) 867·1		899·4	54·9	41·3	17·0	3·5		23		0·0		0	1	21	8	(a) 0	0	0	0	0
	0300		870·3	—1·2	902·3	61·0	44·9	18·7	3·8	—2·1	21	—12	0·2	—0·4	0	1	13	11	2	1	0	0	3
	1200		868·4		899·6	76·0	52·9	21·3	4·5		15		0·5		1	0	0	0	3	5	14	8	0
Kalat	0000	6616	800·5		802·1	37·2	30·3	17·4	3·2		43		0·0		0	0	0	0	30	0	0	0	1
	0300		801·8	—0·6	803·3	47·7	37·1	19·1	3·9	—2·0	35	—10	0·0	—0·4	0	0	1	2	27	0	1	0	0
	1200		800·0		801·5	66·1	47·2	20·8	4·2		20		0·0		4	0	0	0	4	0	15	8	0
Nushki	0000	3416	902·1		906·1	67·6	50·8	29·2	5·9		25		0·0		7	6	1	0	0	0	4	12	1
	0300		902·6		906·7	66·9	50·3	30·4	5·9		26		0·0		1	2	9	0	0	0	2	3	14
	1200		900·8		904·9	82·1	57·0	28·8	5·8		15		0·0		1	2	1	0	0	3	12	11	1
Dalbin	0000	2785	917·7		901·0	53·3	41·6	23·1	4·3		31		0·0		0	11	0	2	0	1	0	4	13
	0300		918·9	—0·1	902·3	54·7	42·1	22·2	4·3	—1·5	29	—9	0·1	—0·5	0	12	1	0	0	0	0	0	18
	1200		914·4		900·4	83·7	57·7	29·2	6·0		15		0·1		0	5	4	6	1	5	1	0	9
Nokkundi	0000	2229	938·5		900·6	60·9	46·7	26·3	5·4		29		0·2		10	2	0	0	0	0	2	17	0
	0300		936·9		902·4	66·0	48·0	(b) 23·2	4·2	—3·8	19	—25	0·2	—0·4	7	4	2	2	0	1	3	10	2
	1200		934·3		901·1	86·1	60·2	34·5	7·2		17		0·5		6	1	0	1	2	4	0	10	7

(a) Mean for 30 days. (b) Mean for 29 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER 1955—Contd.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
BALUCHISTAN SOUTH																							
Panjgur	0000	3177	904·6		900·7	57·1	44·3	27·5	4·6		29		0·0		4	7	0	0	0	0	0	1	19
	0300		906·0	—0·4	902·4	58·1	44·2	23·0	4·2	—3·6	25	—21	0·0	—0·4	0	23	0	0	0	0	0	1	7
	1200		903·6		900·2	81·5	56·0	25·3	4·8		13		0·0		4	5	0	0	2	1	1	18	0
Turbat	0000	510	993·6		1011·5	68·0	56·6	43·8	10·4		44		0·0		0	15	0	3	0	1	0	0	12
	0300		994·6		1012·4	70·9	58·1	43·5	10·6		41		0·0		0	9	0	1	0	0	0	0	21
	1200		990·5		1007·1	97·7	66·6	39·1	8·6		14		0·2		1	14	0	0	0	8	2	2	4
Jiwani	0000	185	1003·0		1009·0	72·5	69·2	66·3	23·1		83		0·0		5	2	2	1	0	0	8	3	10
	0300		1004·4		1010·4	74·1	67·7	62·5	20·1		70		0·5		5	3	4	0	1	0	4	2	12
	1200		1002·2		1008·3	86·9	70·0	58·3	17·4		40		0·5		0	0	0	3	13	9	6	0	0
Pasni	0000	28	1008·1		1009·0	68·1	64·0	61·0	18·6		79		0·6		0	0	1	0	0	2	1	8	19
	0300		1009·1	—2·1	1010·0	71·1	63·7	57·2	16·6	—5·1	64	—14	0·0	—1·7	1	2	2	0	0	1	4	14	7
	1200		1006·5		1007·4	88·6	71·0	57·9	18·4		40		0·0		0	0	0	3	4	23	0	1	0
Ormara	0000	15	1007·6		1008·1	73·6	70·4	68·7	24·6		86		0·0		0	1	0	0	0	5	5	0	20
	0300		1009·1		1009·6	75·9	72·7	70·6	26·4	+3·8	86	+7	0·0	—2·0	0	0	3	1	0	4	4	1	18
	1200		1006·3		1006·8	89·3	84·3	82·3	37·5		80		0·0		0	0	0	2	10	11	8	0	0
Las Bela	0000	292	998·4		1008·7	69·1	57·8	46·9	11·8		45		0·0		1	1	0	1	0	0	0	0	28
	0300		999·4	—2·3	1009·8	71·9	60·3	49·8	12·8	—5·9	48	—14	0·4	—1·0	5	7	3	2	1	3	1	7	2
	1200		995·9		1005·1	97·8	71·5	52·9	14·3		23		0·2		0	3	4	4	10	6	1	2	1
SIND LOWER.																							
Karachi (Manora)	0000	13	X																				
	0300		1008·9	—2·4	1009·4	77·6	73·1	70·8	26·2	+1·8	80	0	0·5	—0·9	1	5	5	0	0	0	3	2	15
	1200		1006·7		1007·2	85·5	80·5	76·8	31·9		77		[illegible]·6		0	0	0	0	1	11	17	0	2
Karachi (Air Port)	0000	73	1005·7		1008·3	70·5	64·6	60·1	18·4		71		1·2		3	1	0	0	0	0	2	1	24
	0300		1007·2		1009·8	74·2	66·1	59·7	18·2		63		1·3		2	0	0	0	0	0	2	1	26
	1200		1004·6		1007·4	90·3	72·5	61·1	18·7		39		1·5		0	1	0	1	4	16	9	0	0
Badin	0000	31	1007·0		1008·1	72·0	69·5	68·2	23·5		88		0·4		1	0	0	0	2	7	1	2	18
	0300		1008·7	—1·5	1009·8	76·2	71·7	69·3	24·3	+3·0	79	+11	0·8	—0·2	6	0	0	0	3	6	3	0	13
	1200		1006·0		1007·1	91·7	78·6	72·5	27·9		54		0·4		9	4	0	0	6	5	1	1	5
Umarkot	0000	55	1005·6		1007·5	69·3	65·0	61·6	18·7		77		0·0		1	3	1	0	4	1	1	0	20
	0300		1007·1		1009·0	75·3	67·3	61·4	19·0		64		0·3		5	2	3	0	4	3	0	0	14
	1200		1003·8		1005·7	92·8	73·6	62·3	20·1		38		0·5		2	1	0	0	1	6	6	7	8
Chhor	0000	19	1007·4		1008·1	66·0	63·0	60·9	18·3		84		0·9		0	3	0	0	1	5	1	0	21
	0300		1009·2		1009·9	73·2	66·4	61·8	18·7		67		1·3		1	2	0	0	0	8	0	0	20
	1200		1006·0		1006·7	92·0	74·2	64·5	20·5		40		1·2		2	3	0	1	0	10	0	0	15
Hyderabad	0000	98	1004·9		1008·3	71·6	64·8	59·9	17·9		67		0·4		2	0	0	0	3	2	0	0	24
	0300		1006·4	—1·3	1009·8	74·5	63·7	56·5	15·4	—3·1	53	—8	0·6	+0·1	3	1	0	0	1	3	0	0	23
	1200		1003·9		1007·2	92·8	69·2	51·6	14·0		27		0·7		4	2	0	0	3	3	0	0	19

(X) Data not available

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER 1955—Concld.

Sub-Division and station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Director Number of Observations From :— 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
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	okts										
SIND UPPER.																							
Pad Idan	0000	153	1002·7		1008·1	64·4	60·7	57·5	16·1		81		0·2		3	1	0	0	0	0	0	0	27
	0300		1004·5		1009·8	70·7	64·3	59·6	17·8		69		0·7		0	2	0	3	0	0	0	0	26
	1200		1001·8		1006·9	92·4	70·1	54·8	14·5		28		0·4		4	1	0	1	0	2	2	4	17
Nawabshah	0000	124	1004·5		1008·9	64·0	62·4	59·9	18·6		91		0·3		4	2	1	0	4	1	0	1	18
	0300		1006·8		1011·2	70·5	64·9	61·2	19·0		73		1·3		0	0	0	0	4	0	1	2	24
	1200		1003·6		1007·9	92·0	70·8	55·7	17·3		32		1·1		7	1	0	0	5	1	0	2	15
Sukkur	0300	221	1001·8	—1·6	1009·6	72·0	66·3	62·7	19·7	+2·1	73	+14	0·9	+0·7	1	4	3	13	5	0	0	0	5
	1200		999·3		1007·1	90·0	71·2	59·1	17·3		36		0·8		6	6	1	1	1	2	3	9	2
Jacobabad	0000	183	1002·1		1008·6	70·5	62·2	55·7	15·5		60		0·0		1	1	5	4	0	1	1	1	17
	0300		1003·7	—0·8	1010·2	73·6	63·3	55·1	15·3	—1·1	53	—1	0·1	—0·2	0	1	4	4	2	1	2	4	13
	1200		1000·8		1007·2	93·0	68·4	49·0	12·7		24		0·2		0	0	0	11	7	5	5	1	2
Reti	0000	280	999·0		1008·8	66·5	63·2	59·0	18·4		81		0·0		1	0	0	0	0	1	0	0	29
	0300		1001·1		1011·0	73·3	67·5	62·3	19·9		72		0·2		2	5	0	1	5	3	0	0	15
	1200		997·8		1007·3	92·5	77·1	69·7	25·2		48		0·0		3	1	1	0	1	2	4	7	12
Junagadh																							
Veraval	0000	26			(d) 1008·3	(c) 74·0	69·5	66·7	22·6		77		1·1		15	4	3	0	(c) 0	1	1	0	4
	0300				(l) 1009·9	(k) 77·4	71·0	68·1	22·5		71		1·9		7	1	6	0	(k) 0	0	0	3	3
	1200				(d) 1007·4	85·2	77·7	73·9	28·8		70		3·4		2	1	1	0	(d) 3	1	16	2	1
AFGHANISTAN																							
Jalalabad (†)	0300	1950																					
	1200																						
Kabul	0300	5955	821·5	...	803·5	48·5	38·9	24·7	4·7	0·0	41	—5	0·4	—0·5	0	0	1	1	5	7	9	7	1
	1200		819·3		801·8	70·9	50·5	28·3	5·2		20		1·6		10	8	2	2	1	0	0	3	5
Kandahar †	0300	3462																					
	1200																						
ARABIA.																							
Mascat	0300	20	1010·5		1011·0	82·4	72·3	66·0	22·3		60		0·5	—0·1	0	0	0	1	0 (a)	0	7	12	11
	1200		1008·7		1009·2	85·5	76·5	71·8	26·6		65		0·7		2	1	4	3	0	0	1	13	6
Kawait†	0600	16																					
	1200																						

(a) Mean for 30 days (c) Mean for 28 days (d) Mean for 27 days (k) Mean for 20 days (l) Mean for 19 days.
(†) Observatory remain closed

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF OCTOBER 1955.

Sub-Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (inches)						Wind Velocity (Knots)		Weather Number of Days				
																			Visibility Code Figure 93 or Less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (EAST)																					
Cox's Bazar	89·0	+1·9	94	21	75·8	+2·2	70	51	14·24	+7·08	9·15	25	9	+1·5	2·1	+0·4	11	0	0	0	0
Chittagong	88·7	+1·8	93	6,15,18	75·5	+2·1	70	31	22·79	+15·70	15·95	25	10	+3·0	2·5	—0·6	7	0	0	0	0
Noakhali (Maijdee)	87·9	+1·3	92	4 days	76·6	+1·0	69	31	6·10	—2·03	3·73	24	7	—0·7	X	...	1	0	0	0	0
Comilla	89·5	+1·3	95	11	75·7	+2·3	68	30,31	2·14	—4·58	1·37	24	4	—2·6	1·4	—0·2	0	0	1	0	0
Brahman Baria	89·4	+0·2	94	11	77·5	+3·3	68	30	1·26	—5·08	0·49	16	4	—2·9	2·4	...	2	0	0	0	0
Srimangal	89·4	+0·4	94	11	72·8	+2·6	65	31	1·80	—5·26	0·48	26	7	—1·1	0·5	—1·2	7	0	0	0	0
Mymensingh	88·0	+0·9	92	14	74·8	+0·9	68	30,31	5·08	—1·24	4·20	4	3	—3·1	1·5	+0·6	0	0	0	0	0
Narayangani	89·9	+1·7	94	10,11,15	77·4	+2·1	67	30	2·39	—2·88	1·30	24	5	—1·0	2·1	+0·6	0	0	0	0	0
Dacca (Tejgaon)	88·4		93	11	75·7		64	30	2·76		0·93	8	6		2·7		5	0	0	0	0
EAST PAKISTAN (DELTAIC)																					
Faridpur	87·9	+0·6	92	7,15,16	75·7	+1·6	66	30	4·64	—0·21	1·52	12	6	+0·4	1·8	—0·2	3	0	0	0	0
Barisal	88·9	+1·3	93	5 days	77·1	+2·2	70	30,31	9·53	+3·39	4·16	24	11	+4·1	X	...	2	0	2	0	0
Khulna	89·3	+1·2	96	15,16	76·7	+1·7	67	31	5·76	+1·50	2·35	24	8	+1·8	2·3	+0·6	3	0	0	0	0
Satkhira	87·7	—2·0	93	6 days	75·2	+1·1	65	31	12·75	+8·25	4·27	28	15	+9·3	0·5	—0·5	0	0	0	0	0
Jessore	88·0	—1·0	94	15,16	74·3	+1·8	62	31	3·59	—1·00	0·77	24	8	+2·2	0·2	—1·0	0	0	0	0	0
EAST PAKISTAN (NORTH)																					
Pabna	91·1	+0·8	95	14	74·5	+2·1	69	30	X	...	...	...	X	...	X	...	0	0	0	0	0
Sirajganj	88·6		93	10,15,16	75·8		66	30	1·01	—3·70	0·64	25	3	—2·2	2·4	...	3	0	0	0	0
Rajshahi									1·82	—1·95	0·49	13	7	+2·5							
Bogra	89·6	+1·8	93	4 days	75·7	+2·6	66	30	4·91	—0·22	1·57	24	8	+2·5	2·2	+1·1	7	0	0	0	0
Dinajpur	90·4	+3·0	94	11	73·7	+1·6	64	29,31	1·30	—3·45	1·06	11	2	—2·5	1·9	+0·7	2	0	0	0	0
Rangpur									0·83	—4·99	0·55	3	2	—2·5							

*Data not available.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION WIND VELOCITY AND WEATHER DURING THE MONTH OF OCTOBER 1955—Contd.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (inches)						Wind Velocity (knots).		Weather Number of Days.				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Visibility Code Figure 93 or less: Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
KASHMIR.																					
Srinagar (X)																					
Gulmarg (X)																					
Gurez (X)																					
Sonemarg (X)																					
Dras (X)																					
Kargil (X)																					
Leh (X)																					
Skardu (X)																					
Misgar	56·4	...	68	1,5	31·9	...	24	31	0·29	...	0·11	12	2	...	1·1	...	0	0	0	0	0
Gilgit (Surface) (X)																					
Jammu (X)																					
NORTH PUNJAB.																					
Lahore (Jail Road)	85·9	—8·1	96	1	63·2	+3·4	55	29,30,31	3·16	+2·92	1·11	5	4	+3·5	1·5	+0·5	3	0	0	0	0
Lahore (Cantt.)...	84·8	...	94	1	63·4	...	56	5 days	3·90	...	1·50	5	5	...	2·6	...	3	0	0	0	0
Lahore (Walton)	85·5	...	94	1	63·5	...	53	30	3·59	...	1·13	4	5	...	4·3	...	2	0	0	0	0
Sialkot	82·6	—8·8	92	9,10	*	...	*	...	7.68	+7·34	3·22	5	5	+4·2	1·7	+0·6	3	0	0	0	0
Jhelum	88·4	...	94	9	60·6	...	52	28,31	1·69	...	0·58	5	4	...	1·5	...	2	0	0	0	0
Chaklala	84·6	...	91	3	56·3	...	48	26,31	0·47	...	0·39	11	1	...	3·5	...	4	0	0	0	1
Rawalpindi	88·7	+0·1	96	5 days	55·7	—1·3	49	4 days	0·28	—0·32	0·28	11	1	—0·4	0·9	—0·3	1	0	0	0	0
Murree	65·0	—2·6	72	3	49·0	—0·3	44	11,25	1·75	+0·19	1·02	1	5	+2·3	4·5	+0·9	3	0	2	0	0
Campbellpur	*	...	...	...	*	...	...	...	0·16	...	0·16	15	1	...	*	...	0	0	0	0	0
Khushab	91·3	—2·3	96	1,3	62·4	—1·0	54	26	0·19	+0·04	0·11	11	1	+0·6	2·8	—0·1	0	0	0	0	0
Sargodha (†)																					
Lyallpur	89·8	—3·4	97	1,9,10	62·4	0·0	54	28	0·35	+0·23	0·35	1	1	+0·6	1·9	+0·5	0	0	0	0	0
SOUTH PUNJAB																					
Leiah (†)																					
Montgomery	91·8	—3·2	99	1	63·8	+0·3	53	28	0·00	—0·08	0·00	...	0	—0·3	1·4	—0·9	1	0	0	0	0
Multan (Surface)	92·8	—1·6	98	20	64·4	+0·7	55	26,27	0·12	+0·04	0·12	11	1	+0·8	2·2	+1·1	0	0	0	0	0
Khanpur (P.B.O.)	93·4	...	99	1	61·9	...	51	27,28,29	0·18	...	0·18	17	1	...	3·3	...	0	0	0	0	0
Khanpur (Surface)	95·2	—1·7	101	1	65·7	+1·8	56	28	0·00	—0·02	0·00	...	0	—0·1	3·0	—0·6	0	0	0	0	0
Bahawalpur	93·4	—2·2	99	1	X	...	...	...	X	...	...	...	...	...	0·2	—1·8	0	0	0	0	0
Fort Abbas	95·7	...	102	2	63·5	...	54	5 days	0·03	...	0·03	11	0	...	4·1	...	1	0	0	0	1
N. W. F. P. (UPPER).																					
Drosh	85·0	+8·3	97	5,6	53·5	+0·3	42	17	0·55	—0·72	0·27	11	3	—0·1	2·8	+0·8	2	0	0	0	0
Chakdara	85·2	...	94	3	54·9	...	48	30,31	0·86	...	0·55	6	2	...	3·8	...	4	0	0	0	1
Peshawar	86·5	—1·3	93	1	61·7	+1·2	55	25,28	0·35	+0·12	0·35	10	1	+0·4	1·8	+0·7	4	0	0	0	2
Risalpur	89·3	...	96	3	58·3	...	49	26	0·04	...	0·04	6	0	...	(f)1·8	...	3	0	0	0	2
Haripur (Hazara)	*	...	*	...	*	...	*	...	1·88	...	1·55	11	2	...	3·4	...	0	1	0	0	0
Kakul	76·5	...	83	3	56·5	...	53	6 days	0·76	...	0·25	10	4	...	X	...	4	0	0	0	0
Cherat	75·8	—0·8	82	4	56·7	—1·7	51	30	0·66	+0·10	0·46	6	2	+0·7	4·9	—0·2	3	0	2	0	1
Landikotal	80·4	...	89	4	53·5	...	46	26	0·55	...	0·55	10	1	...	2·2	...	2	0	0	0	0
N. W. F. P. (LOWER).																					
Kohat	88·6	...	95	3	65·5	...	59	27	0·20	...	0·20	16	1	...	4·7	...	5	0	0	0	0
Parachinar	73·9	—0·3	80	1,5	47·8	—0·9	42	27,29	0·10	—0·85	0·10	11	1	—1·5	2·5	+0·3	4	0	0	0	0
Miranshah	82·4	—1·2	90	1	58·2	—0·1	51	4 days	0·00	—0·03	0·00	...	0	0·0	3·1	—0·8	0	0	0	0	0
Bannu	88·1	—2·5	94	1	61·9	0·0	54	26	0·00	—0·04	0·00	...	0	—0·1	2·2	...	1	0	0	0	0
Wana	79·1	—0·9	88	1,2,5	51·5	+4·5	38	25,26	0·00	—0·12	0·00	...	0	—0·3	0·0	...	0	0	0	0	0
D. I. Khan	91·7	—1·6	95	5 Days	68·8	+7·1	58	31	0·03	—0·08	0·03	6	0	—0·3	0·4	—0·4	0	0	0	0	0

(X)—Data not available. (†) Observatory remained closed. (f) Mean for 25 days. (*) Data missing.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF OCTOBER 1955—Concld.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (inches)						Wind Velocity (knots)		Weather Number of Days.				
																		Visibility Code Figure 93 or less			
	Mean.	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN NORTH.																					
Fort Sandeman...	81·9	—0·7	90	5	52·5	—0·4	45	25	0·03	—0·07	0·03	11	0	—0·2	2·2	+0·9	1	0	0	0	0
Hindubagh	77·3		86	1,2	45·7		36	24	0·00	...	0				6·1		0	0	0	0	0
Loralai	79·5		90	3	47·5		42	8	0·00	—0·11	0·00	...	0	— 0·3	3·1		0	0	0	0	0
Sibi	97·2	—0·4	105	5	64·6	—0·9	54	26	0·48	+0·48	0·48	10	1	+1·0	2·5	+0·2	0	0	0	0	0
Harnai									0·00	—0.23	0.00	...	0	—0.4							
Quetta (Samungli)	75·0		85	1	33·4		26	21	0·00		0·00	...	0		3·5		0	0	0	0	0
Quetta	74·2		85	1	36·2		29	15,25	0·00		0·00	...	0		3·0	+1·5	0	0	0	0	0
Chaman	78·8	—1·0	90	1	51·5	—2·0	44	23	0·00	—0·16	0·00	...	0	—0·2	4·8	+0·8	0	0	0	0	0
Kalat	71·1	—4·2	82	1	32·7	—8·3	23	15,16	0·00	—0·09	0·00	...	0	—0·2	5·1	+1·3	0	0	0	0	0
Nushki	84·1		96	1	42·6		33	18	0·00		0·00	..	0		5·1		0	0	0	0	0
Dalbandin	86·2	—2·8	98	1	46·6	—4·3	40	20,21	0·00	—0·02	0·00	...	0	—0·1	2·9	+0·3	0	0	0	0	0
Nokkundi	88·9	—3·3	101	1	57·4	—2·7	48	18	0·00	0·00	0·00	...	0	0·0	4·6	—0·4	0	0	0	0	0
BALUCHISTAN SOUTH.																					
Panjgur	83·5	—3·7	95	1	49·5	—5·9	42	27	0·00	—0·01	0·00	...	0	—0·1	2·4	—1·2	0	0	0	0	0
Turbat	101·0		110	5	65·9		57	16,20	0·05		0·05	10	0		X		1	0	0	0	1
Jiwani	88·6		102	5	69·4		61	18	0·03		0·03	10	0		X	...	1	0	2	0	1
Pasni	97·9	—7·4	108	4	65·7	—1·6	59	17,25,26	0·00	0·00	0·00	...	0	0·0	7·9	—2·8	0	0	0	0	0
Ormara	92·3	+3·1	105	4	69·8	—1·0	61	25,28	0·00	0·00	0·00	...	0	0·0	6·3	—1·0	0	0	4	0	0
Las Bela	101·8	+2·1	110	1,2,3	62·7	—0·6	52	29	0·00	—0·01	0·00	...	0	0·0	1·6	—0·3	0	0	0	0	0
SIND LOWER.																					
Karachi (Manora)	89·7	+2·4	95	5	73·7	0·0	67	30	0·00	—0·02	0·00	...	0	—0·1	X	...	0	0	0	15	0
Karachi (Air Port)	96·4		105	1,2	68·1		60	26,28	0·03		0·03	12	0		3·7		1	0	1	0	0
Badin	97·5	+1·5	106	1	70·1	+0·2	61	29	0·00	—0·03	0·00	...	0	—0·1	3·3		0	0	0	0	0
Umarkot	95·0		104	2,5	66·7		58	26,28	0·00		0·00	...	0		2·4		0	0	0	0	0
Chhor	96·5		105	1	64·1		53	26	0·00		0·00	...	0		2·2		0	0	1	0	0
Hyderabad	97·0	—0·8	104	5	70·5	+0·3	62	28	0·00	—0·03	0·00	...	0	—0·1	2·0	—2·4	0	0	0	0	0
SIND UPPER.																					
Pad Idan	95·7		103	5	61·5		50	28	0·02		0·02	10	0		1·1		0	0	0	0	0
Nawab Shah	95·8		102	5	63·3		51	27	0·00		0·00	...	0		2·5		1	0	1	0	0
Sukkur	94·7	—1·3	99	1	68·6	—0·3	60	27	0·00	—0·01	0·00	...	0	0·0	2·3	—0·2	0	0	0	0	0
Jacobabad	95·4	—2·1	103	5	68·0	+2·4	59	28	0·00	—0·03	0·00	...	0	—0·1	3·5	+0·7	0	0	0	0	0
Reti	97·1		103	1,9,10	63·6		50	28	0·00		0·00	...	0		X	...	0	0	0	0	0
JUNAGADH.																					
Veraval	(f) 91·6		99	1	(a) 70·8		63	27	0·12		0·09	1	0				2	0	0	0	0
AFGHANISTAN.																					
Jalalabad (X)																					
Kabul	75·5	+2·2	85	1	42·0	+0·6	36	4 days	0·32	—0·08	0·26	9	1	+0·2	2·2	+0·4	4	0	0	0	0
Kandahar (X)																					
ARABIA																					
Muscat	87·7	—3·3	95	4	78·8	—1·1	73	21,28,30	0·00	—0·14	0·00	...	0	—0·2	4·5	+1·7	0	0	0	0	0
Kuwait †																					

(f) Mean for 25 days. (×) Data not available. (a) Mean for 17 days. (†) Observatory remain closed.

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PAKISTAN WEATHER REVIEW 1955

Monthly Weather Report

November

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Chief Features.—(1) Mainly dry weather over West Pakistan.

(2) Extensive spell of wet weather over East Pakistan in the first half of the 2nd week due to the passage of a low across East Pakistan.

West Pakistan.—Weather remained dry over West Pakistan during the month except for scattered thundershowers in the upper North-West Frontier Province on the 7th in association with the passage of a western disturbance across the extreme north of the country.

The total rainfall during the month was in large defect everywhere except in upper sind where it was normal.

The mean maximum temperature was above normal in north Baluchistan and upper Sind and the mean minimum temperature was above normal in lower North West Frontier Province. Elsewhere in the region the temperatures were normal. The mean relative humidity was normal in Baluchistan and upper North West Frontier Province and above normal elsewhere. Skies were clouded less than usual all over the region.

East Pakistan.—A depression moving northeastwards along the Circars and Orissa coast in the beginning of the second week, weakened into a low on the 10th and moved away northeastwards across East Pakistan causing widespread and locally heavy falls over there between the 7th and the 10th and a few falls in the eastern subdivision on the following three days. Chief amounts of rainfall during the spell were :— Chittagong 4" and Noakhali and Barisal 3" each on the 7th ; Chittagong and Sirajganj 3" each on the 8th and Noakhali and Srimangal 3" each on the 9th and Chittagong 3" on the 10th.

The total rainfall during the month was in large excess all over the region.

The mean maximum temperature, the mean minimum temperature, and the mean relative humidity were normal all over the region except in eastern and deltaic sub-divisions where mean minimum temperatures were above normal. Skies were normally clouded over the northern sub-divisions and more than normally clouded elsewhere.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 5 chief divisions and 12 sub-divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent tables.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS, NOVEMBER, 1955.

Division.	PRECIPITATION.				DEPARTURE FROM NORMAL OF				
							03 hrs. G.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
	Inches	Inches	Inches		Degree	Degree	Mb	%	
EAST PAKISTAN	4·32	1·16	+3·16	+272	+0·3	+2·5	+1·7	+3	+0·6
Mean of East Pakistan	4·32	1·16	+3·16	+272	+0·3	+2·5	+1·7	+3	+0·6
Punjab	0·00	0·11	—0·11	—100	+1·4	+0·3	+1·0	+6	—0·7
N. W. F. P.	0·05	0·21	—0·16	—76	+1·7	+1·1	+0·1	—3	—0·9
Baluchistan	0·00	0·09	—0·09	—100	+2·5	—0·8	+0·1	—3	—0·8
Sind	0·00	0·07	—0·07	—100	+1·2	+0·1	+2·0	+15	—0·8
Mean of West Pakistan excluding Baluchistan	0·01	0·12	—0·11	—92	+1·4	+0·4	+1·2	+8	—0·8
East Pakistan (East)	6·43	1·57	+4·86	+310	+0·3	+2·5	+1·7	+1	+0·7
East Pakistan (Deltaic)	3·90	1·09	+2·81	+258	0·0	+2·7	+1·6	+5	+0·6
East Pakistan (North)	1·38	0·57	+0·81	+142	+0·9	+1·9	+1·9	+3	+0·1
Kashmir*									
North Punjab	0·00	0·15	—0·15	—100	+1·9	0·0	+1·1	+6	—0·9
South Punjab	0·00	0·06	—0·06	—100	+1·0	+0·5	+0·9	+6	—0·5
N. W. F. P. (Upper)	0·15	0·31	—0·16	—52	+1·9	—0·7	—0·5	—3	—1·6
N. W. F. P. (Lower)	0·00	0·15	—0·15	—100	+1·5	+2·1	+0·5	+6	—0·6
Baluchistan (North)	0·00	0·13	—0·13	—100	+3·5	—0·5	+0·2	—5	—0·8
Baluchistan (South)	0·00	0·02	—0·02	—100	+0·7	—1·5	—0·2	+1	—0·8
Sind (Lower)	0·00	0·12	—0·12	—100	+0·8	+0·3	+2·3	+14	—0·9
Sind (Upper)	0·00	0·00	0·00	0	+2·0	—0·3	+1·5	+16	—0·6

(*) Data incomplete.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. Level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
EAST PAKISTAN (East)																							
Cox's Bazar	0300	38	1011·2	—1·5	1012·5	78·1	73·3	71·4	25·5	+0·6	78	+1	4·0	+1·3	4	13	0	10	1	0	0	1	1
	1200		1008·5		1009·8	78·4	73·6	71·4	25·5		78		3·4		2	0	0	5	0	2	2	6	13
Chittagong	0300	87	1009·7	—2·0	1012·7	77·9	72·5	69·8	24·8	+1·4	75	—6	3·3	+0·7	3	5	4	2	1	0	0	0	15
	1200		1006·5		1009·5	76·8	72·2	69·3	25·2		79		3·0		2	0	0	3	2	2	2	7	12
Noakhali (Maijdee)	0000	25	1009·6		1010·4	79·6	78·4	67·8	23·8		95		2·3		0	0	0	1	0	0	0	0	29
	0300		1011·7	—2·2	1012·6	75·9	71·9	68·8	25·0	+1·3	81	+1	2·4	+0·6	0	2	0	0	1	0	0	0	27
	1200		1009·0		1009·9	76·6	73·4	71·8	27·3		86		1·6		0	0	0	1	0	0	0	0	29
Comilla	0000	29	1010·3		1011·3	67·8	66·8	66·1	22·1		95		2·8		3	0	0	0	2	0	0	1	24
	0300		1012·0	—1·9	1013·0	75·8	71·1	69·4	24·3	+1·1	79	+4	2·2	+0·5	5	0	0	3	4	1	1	0	16
	1200		1009·5		1010·4	77·4	72·7	70·4	25·2		79		1·6		1	0	0	1	2	0	0	0	26
Brahmanbaria	0000	32	1010·2		1011·3	69·7	68·3	67·5	23·1		92		2·8		2	1	1	0	0	0	0	0	26
	0300		1012·1		1013·2	77·2	72·1	69·1	24·5	+1·4	77	+7	2·7		3	7	4	0	0	1	0	0	15
	1200		1008·6		1009·7	76·9	72·0	69·3	24·5		77		2·3		1	3	0	0	0	0	1	1	24
Srimangal	0000	69	1009·3		1011·8	64·0	63·2	62·5	19·2		94		2·5		0	0	0	0	0	0	0	0	30
	0300		1010·5	—2·3	1012·9	74·5	71·2	69·5	24·8	+3·4	83	0	3·1	+1·1	1	0	0	0	1	2	0	0	26
	1200		1006·9		1009·3	74·7	72·4	71·2	26·1		88		2·3		0	0	0	0	1	1	0	0	28
Mymensingh	0000	62	1009·6		1011·8	67·4	66·0	65·1	20·8		92		1·3		0	0	1	0	0	0	0	0	29
	0300		1011·5	—1·7	1013·7	74·2	70·3	68·3	23·2	+1·4	81	+2	1·7	—0·2	0	2	15	1	0	0	0	0	12
	1200		1008·1		1010·3	77·9	72·2	69·2	24·8		75		1·4		0	0	1	1	0	0	0	0	28
Narayanganj	0000	26	1010·9		1011·8	69·8	68·1	67·3	23·1		92		3·6		1	0	2	1	0	0	0	2	24
	0300		1012·3	—1·7	1013·1	76·7	71·5	68·5	24·5	+2·6	77	+3	3·0	+0·9	2	1	9	2	1	2	0	6	7
	1200		1008·6		1009·5	77·5	71·3	67·4	23·2		73		2·5		0	1	2	0	0	0	0	0	27
Dacca (Tejgaon)	0000	27	1009·6		1010·6	67·1	66·0	65·0	21·4		95		3·4		5	2	0	1	0	0	0	2	20
	0300		1011·5	—	1012·5	75·7	70·8	67·9	23·7		77		3·6		6	9	3	2	0	0	0	1	9
	1200		1008·3		1009·3	76·4	70·6	67·4	22·3		73		2·8		3	2	0	0	0	0	1	1	23

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0gkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
EAST PAKISTAN (Deltaic)																							
Faridpur	0000	46	1008·8		1010·4	69·1	67·4	66·9	22·3		92		2·5		4	3	2	0	0	0	0	2	19
	0300		1010·7	—2·6	1012·3	75·1	70·3	67·5	22·8	+0·9	77	0	3·3	+1·9	11	3	2	0	0	0	0	7	7
	1200		1007·6		1009·2	77·4	72·0	68·8	23·9		75		2·6		3	0	1	0	1	0	0	1	24
Barisal	0000	11	1009·9		1010·3	70·0	68·3	67·3	23·1		92		2·4		0	1	1	0	0	0	0	1	27
	0300		1012·1	—2·2	1012·5	76·9	71·4	68·4	23·9	+0·6	75	0	2·6	+0·8	5	1	1	0	2	0	0	0	21
	1200		1008·9		1009·2	80·5	73·2	69·6	24·8		68		2·5		3	2	0	0	1	0	0	0	24
Khulna	0000	16	1010·8		1011·3	68·7	67·4	66·6	22·3		92		2·7		1	0	1	1	0	1	0	2	24
	0300		1012·7	—2·0	1013·2	75·3	70·4	67·6	22·8	+2·2	77	+10	2·1	—0·1	3	5	0	0	1	0	0	1	20
	1200		1009·2		1009·8	77·9	72·0	68·9	24·1		73		2·4		0	1	0	0	0	0	0	1	28
Satkhira	0000	16	1011·2		1011·7	66·5	65·3	54·0	21·4		95		1·1		1	1	0	0	0	0	0	0	28
	0300		1012·3	—2·2	1012·8	74·6	69·6	66·8	22·8	+2·0	77	+4	1·4	—0·8	8	3	0	0	0	0	0	3	16
	1200		1009·9		1010·4	78·6	72·5	69·2	25·0		74		1·1		0	0	0	0	0	0	0	0	30
Jessore	0000	26	1009·1		1010·0	64·7	63·7	62·9	19·9		94		2·9		9	1	0	1	0	0	1	4	14
	0300		1012·1	—2·3	1012·9	72·7	69·4	67·5	23·1	+2·2	83	+9	2·9	+1·3	6	10	2	0	0	0	1	11	0
	1200		1008·1		1009·0	76·9	71·9	69·1	24·5		77		4·3		15	5	0	0	1	0	1	1	7
EAST PAKISTAN (North)																							
Pabna	0300					71·9	69·8	68·6	24·1	+2·7	90	+15											
Sirajganj	0000	49	1009·1		1010·8	67·7	67·1	66·8	22·8		97		3·1		9	3	1	1	0	0	0	2	14
	0300		1011·0		1012·7	75·5	71·5	69·1	24·1		81		2·8		11	5	5	0	0	0	0	3	6
	1200		1007·6		1009·3	74·8	72·8	71·7	26·8		90		1·1		1	1	2	0	0	(b) 0	0	0	25
Bogra	0300	63	1011·2	—1·9	1013·4	74·3	69·4	66·3	21·9	+1·5	77	0	1·9	+0·5	10	6	10	1	0	0	0	0	3
	1200		1007·1		1009·3	80·2	71·7	67·1	22·5		64		2·4		2	5	2	0	0	1	1	1	18
Dinajpur	0000	129	1008·1		1012·4	64·3	62·6	61·4	18·6		91		0·9		0	1	0	0	0	0	0	0	29
	0300		1009·5	—1·9	1013·9	74·5	68·0	64·0	20·9	+1·5	70	—7	0·9	—0·4	0	3	4	0	0	0	0	0	23
	1200		1006·4		1010·7	78·4	71·5	67·5	22·7		69		0·9		0	0	0	0	0	0	0	0	30
Rangpur	0300												1·6		5	15	7	2	0	0	0	0	1
	1200												1·6		0	1	2	0	0	0	0	0	27

(b) Observations for 29 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
KASHMIR																							
Srinagar (x)	0000	5205																					
	0300																						
	1200																						
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	—																					
	1200																						
Sonemarg (x)	0300	—																					
	1200																						
Dras (x)	0300	10059																					
	1200																						
Kargil (x)	0300	—																					
	1200																						
Leh (x)	0300	11529																					
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	702·0		711·3	25·8	21·6	15·0	2·6		57		1·3		0	0	1	0	0	0	2	0	27
	0300		703·8	—	713·5	24·7	21·7	17·0	2·9	—	68	—	1·2	—	0	0	0	0	0	0	3	0	27
	1200		700·4		709·6	36·7	28·3	11·2	2·7		37		1·5		0	0	6	0	0	0	2	0	22
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
Jammu (x)	0000	1200																					
	0300																						
	1200																						
NORTH PUNJAB																							
Lahore (Jail Rd.)	0000	702	988·5		1014·1	50·3	49·3	48·3	11·5		93		0·1		0	0	0	0	0	0	0	1	29
	0300		990·0	—1·3	1015·3	56·6	53·3	50·7	12·4	+1·6	78	+15	0·3	—0·8	0	1	0	1	0	0	1	2	25
	1200		988·0		1012·4	75·3	64·6	57·1	16·0		54		0·8		0	0	0	0	0	0	0	1	29
Lahore (Cantt.)	0000	703	988·0		1014·1	51·3	49·3	47·2	11·1		85		0·0		0	0	0	0	0	0	0	4	26
	0300		989·9	—	1015·3	57·9	53·3	49·3	11·9	—	73	—	0·3	—	0	0	0	0	0	1	1	1	27
	1200		987·6		1012·2	75·1	60·7	48·6	11·7		39		0·7		0	0	0	0	0	0	0	4	26
Lahore (Walton)	0000	699	988·5		1014·0	50·6	48·9	47·3	11·0		87		0·0		0	2	0	0	0	1	2	3	22
	0300		989·9	—	1015·2	56·0	52·8	50·2	12·2	—	80	—	0·3	—	0	0	1	3	1	1	0	6	18
	1200		987·7		1012·0	75·7	62·8	52·9	13·7		45		0·8		1	0	0	1	0	1	8	12	7

(x) Data not available.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gipkn. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4		5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
NORTH PUNJAB—Contd.	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
Sialkot	0000	830	983·8		1013·8	54·7	52·6	50·6	12·6		86		0·1		0	0	0	0	0	0	0	0	30
	0300		986·0	—1·1	1015·6	61·4	56·1	51·2	13·0	+2·0	70	—2	0·2	—0·7	0	3	0	0	0	0	0	1	26
	1200		983·5		1012·2	75·8	64·4	56·5	15·5		51		0·7		0	2	0	0	0	0	0	0	28
Jhelum	0000	765	986·7		1014·8	47·9	46·1	44·1	9·8		87		0·0		0	0	0	0	0	0	1	0	29
	0300		988·3	—	1016·1	54·2	49·2	43·6	9·7	—	67	—	0·4	—	1	4	1	0	0	0	0	1	23
	1200		985·7		1012·3	73·7	59·6	46·9	11·1		40		1·1		0	0	0	0	0	0	0	2	28
Chaklala	0000	1667	955·8		896·7	45·0	41·0	35·7	7·1		70		0·2		9	2	0	0	0	0	2	4	13
	0300		957·4	—	898·6	48·4	43·2	36·7	7·4	—	64	—	0·5	—	1	0	0	0	0	0	4	4	21
	1200		955·3		899·5	72·5	54·4	35·4	7·1		27		1·2		0	0	0	0	0	1	16	1	12
Rawalpindi	0000	1676	955·0		896·8	48·7	45·7	44·3	9·3		79		0·1		0	0	0	0	0	0	0	0	30
	0300		955·8	—2·5	897·9	52·0	46·1	38·9	8·3	—0·1	62	0	0·1	—1·1	0	0	0	0	0	0	0	0	30
	(b) 1200		953·2		897·8	71·9	56·8	44·0	9·7		37		0·5		0	0	0	0	0	0	0	0	29
Murre	0000	7113	785·7		801·4	46·8	38·3	27·0	4·8		45		0·2		0	1	1	4	0	1	0	23	0
	0300		786·6	—0·9	802·6	49·5	39·7	25·0	4·8	+0·3	39	—1	0·8	—0·8	3	5	5	3	0	1	4	1	8
	1200		783·1		799·0	51·9	40·7	27·2	4·7		37		1·8		0	2	3	3	0	1	6	13	2
Campbellpur	0300	1175	977·6		1019·9	55·5	46·0	31·8	6·4		41		0·6		1	1	0	0	0	0	0	0	28
	1200		972·5		1013·0	75·0	56·5	36·5	7·3		25		0·5		1	0	0	0	0	0	0	1	28
Khushab	0000	616	993·0		1015·2	55·8	47·9	38·1	7·8		51		0·1		1	10	0	4	0	0	0	1	14
	0300		993·8	—1·3	1015·9	60·3	51·3	41·0	8·9	+0·6	49	—2	0·4	—0·7	0	1	2	3	0	1	0	0	23
	1200		990·8		1012·1	81·1	61·1	42·6	9·4		26		0·5		1	2	0	2	3	2	8	2	10
Sargodha †	0300	—																					
	1200																						
Lyallpur	0000	605	992·6		1014·7	51·1	49·5	48·0	11·3		89		0·0		0	0	0	0	0	0	1	0	29
	0300		993·7	—1·0	1015·8	53·8	51·2	48·9	11·7	+1·6	83	+21	0·3	—1·0	1	0	0	0	0	0	0	1	28
	1200		991·4		1012·6	75·5	62·0	51·2	12·9		42		0·8		0	0	0	0	0	1	0	0	29
SOUTH PUNJAB																							
Leiah †	0300	490																					
	1200																						
Montgomery	0000	558	993·7		1014·0	51·5	50·0	48·5	11·6		89		0·1		0	0	0	1	0	0	0	0	29
	0300		995·4	—1·2	1015·5	56·2	52·7	49·5	12·0	+0·9	78	+14	0·4	—0·4	0	0	0	1	1	0	0	1	27
	1200		993·2		1012·4	80·3	67·2	58·5	16·8		48		0·5		0	0	0	0	0	1	1	0	28
Multan	0300	413	1000·9	—0·7	1015·7	64·6	55·4	45·8	10·9	—1·2	53	—9	0·4	—0·4	4	1	1	1	7	2	0	1	13
	1200		998·0		1012·2	82·0	62·5	45·3	10·5		28		0·2		1	5	0	2	2	6	0	3	11

(†) Observatory remain closed. (b) Mean for 29 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SOUTH PUNJAB—Contd.	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
Khanpur (PBO.)	0000	290	1002·9		1013·6	51·7	49·6	47·4	11·2		86		0·0		0	0	0	0	1	3	0	0	26
	0300		1004·4	—	1014·9	58·9	53·3	47·9	11·3	—	67	—	0·1	—	0	2	0	1	1	9	0	0	17
	1200		1001·9		1012·0	80·0	64·2	52·0	13·4		38		0·3		0	2	0	0	0	1	2	0	25
Khanpur	0300	297	1004·6	—0·7	1015·4	60·6	54·3	47·9	11·6	+1·9	64	+7	0·0	—0·6	0	1	0	0	6	5	1	0	17
	1200		1001·5		1011·7	82·6	67·5	57·2	16·2		41		0·1		0	0	0	0	1	1	0	0	28
Bahawalpur	0300	384	1001·6	—0·7	1015·4	59·9	55·2	50·2	12·7	+1·9	72	+11	0·2	—0·7	0	0	0	0	0	0	0	0	30
	1200		999·0		1012·4	79·9	68·8	61·7	19·0		55		0·4		0	0	0	0	0	0	0	0	30
Fort-Abbas	0000	475	996·5		1013·8	51·9	47·0	41·2	8·8		66		0·1		0	3	8	10	2	1	1	0	5
	0300		998·8	—	1015·6	68·5	55·0	42·2	8·7	—	37	—	0·1	—	0	2	4	9	7	6	1	0	1
	1200		995·3		1011·7	79·6	61·9	47·0	10·8		31		0·3		9	8	2	0	0	4	2	4	1
N. W. F. P. (Upper).																							
Drosh	0000	4806	857·4		906·4	48·1	41·9	34·2	6·6		58		0·5		0	0	0	0	0	0	0	0	30
	0300		858·7	—0·5	908·0	46·8	38·8	26·3	4·8	—0·3	44	—9	0·9	—0·8	0	0	0	1	0	2	0	0	27
	1200		854·3		901·6	62·1	48·0	31·3	5·8		31		2·0		0	1	0	14	0	5	0	0	10
Chakdara	0000	2197	936·7		898·3	45·2	41·1	35·7	7·1		69		0·2		12	2	0	0	0	0	0	7	9
	0300		938·4	—	900·1	47·2	42·0	35·3	7·0	—	63	—	0·3	—	15	1	0	1	0	0	0	11	2
	1200		935·0		998·6	70·8	56·0	42·2	9·3		37		1·2		3	5	0	7	6	5	0	4	0
Peshawar	0000	1155	973·3		1015·0	51·1	44·0	33·7	6·7		52		0·3		0	0	0	0	6	15	0	0	9
	0300		974·4	—1·8	1016·1	52·3	44·7	34·1	6·7	—0·5	50	—3	0·6	—1·6	0	0	0	0	5	5	0	0	20
	1200		971·9		1011·9	71·7	58·3	46·1	10·6		40		1·3		1	7	4	4	0	0	0	0	14
Risalpur	0000	993	x		x	x	x	x	x		x		0·4		0	0	1	0	0	0	1	0	28
	0300		981·0	—	1017·6	45·8	43·9	41·6	8·9	—	85	—	0·4	—	0	0	0	0	0	1	1	0	28
	1200		977·9		1012·5	72·4	58·8	46·3	11·3		40		1·2		0	0	1	1	0	1	1	2	24
Haripur (Hazara)	0300	1737	954·3	—	898·7	50·6	41·9	31·0	5·6	—	44	—	0·0	—	0	0	30	0	0	0	0	0	0
	1200		953·5		900·7	77·3	56·9	36·2	7·6		23		0·4		0	0		0	0	0	30	0	0
Kakul	0000	4214	873·3		903·4	53·2	41·9	24·5	4·5		32		0·3		11	7	3	0	2	0	0	7	0
	0300		874·6	—	904·5	56·7	43·9	25·4	4·7	—	30	—	0·4	—	12	6	4	1	3	0	1	2	1
	1200		873·5		902·5	63·0	47·4	27·7	4·9		25		1·4		0	1	0	13	13	1	1	1	0
Cherat	0000	4272	871·1		902·9	55·4	43·3	24·5	4·7		31		0·0		12	0	0	2	3	0	0	11	2
	0300		872·2	—1·3	903·9	56·8	43·9	24·0	4·7	—1·0	29	—15	0·2	—1·2	14	0	0	0	0	1	0	13	2
	1200		871·0		902·3	61·9	48·3	30·5	6·1		33		1·6		6	0	0	8	9	0	0	6	1
Landikotal	0000	3503	895·2		902·5	44·7	37·9	26·1	5·0		50		0·1		0	0	0	0	0	0	0	3	27
	0300		896·5	—	903·7	49·4	40·3	25·5	4·9	—	41	—	0·4	—	2	3	0	2	0	0	0	4	19
	1200		894·2		901·2	66·6	50·2	29·5	5·8		25		1·0		0	3	0	15	1	2	0	5	4

(x) Data not available.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 5pkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount. Mean amount.	Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
N. W. F. P. (Lower)																							
Kohat	(x) 0000	1667																					
	0300		958·4	—	900·8	58·3	46·4	30·8	6·0	—	35	—	0·5	—	0	0	1	2	0	0	1	20	6
	1200		956·2		900·5	73·9	55·8	38·5	8·0		28		1·1		0	4	4	7	0	1	1	0	13
Parachinar	0000	5673	829·2		801·2	46·8	41·1	33·0	6·7		63		0·0		20	3	0	0	0	0	0	1	6
	0300		829·4	—0·6	801·7	47·5	40·5	31·5	6·1	+1·0	54	+6	0·3	—1·2	1	2	0	2	0	1	0	3	21
	1200		828·9		802·2	63·4	49·0	32·7	6·7		33		0·5		1	0	0	26	0	1	1	0	1
Miranshah	0000	3026	911·6		903·0	49·0	41·0	29·0	5·5		47		0·0		0	0	0	1	0	0	0	0	29
	0300		913·3	—	904·7	49·8	42·0	31·0	6·0	+1·7	49	+10	0·2	—1·0	4	4	0	0	0	0	0	1	21
	1200		909·6		901·4	70·2	56·0	44·0	9·6		39		0·4		0	10	11	9	0	0	0	0	0
Bannu	0000	1263	969·3		1014·8	52·3	47·1	40·2	8·7		65		0·0		0	0	0	0	0	0	15	7	8
	0300		970·4	—	1015·4	55·9	48·9	40·5	8·7	+0·6	57	+5	0·5	—0·5	0	1	0	0	0	0	16	7	6
	1200		968·8		1012·0	75·8	62·9	52·1	13·8		45		0·6		0	0	5	10	1	0	0	1	13
Wana	0300	4503	865·2	—	905·3	41·1	36·0	27·4	5·2	+1·0	59	+6	0·0	—0·8	0	0	0	0	0	0	0	0	30
	1200		863·3		901·1	67·1	54·1	41·0	9·1		40		0·0		0	0	0	0	0	0	0	0	30
D. I. Khan	0000	570	994·1		1014·7	53·6	49·4	45·0	10·1		74		0·1		0	0	0	0	0	0	0	0	30
	0300		993·1	—3·2	1013·7	54·6	50·6	46·9	10·2	+0·3	73	+7	0·3	—0·7	0	0	0	0	0	0	0	0	30
	1200		993·2		1013·0	77·8	63·9	54·7	14·1		43		0·2		0	0	0	0	0	0	0	0	30
BALUCHISTAN (North)																							
Fort Sandeman	0300	4614	863·1	—0·3	906·2	49·7	38·3	15·3	3·4	—0·7	27	—28	0·7	—0·3	0	0	0	2	1	2	0	1	24
	1200		860·8		901·8	71·6	49·0	11·1	4·1		11		1·0		3	1	0	0	0	6	3	5	12
Hindubagh	0000	5909	822·6		802·7	42·7	37·7	30·6	6·0		64		0·2		0	0	0	0	0	8	20	2	0
	0300		823·8		803·9	43·9	38·2	30·6	6·0		61		0·8		0	1	0	0	0	8	20	1	0
	1200		821·2		802·2	66·8	56·1	48·3	11·8		52		0·9		1	0	7	0	0	13	7	2	0
Loralai	0000	4699	857·9		903·7	43·2	34·0	15·6	3·1		33		0·2		0	1	0	2	0	10	7	9	1
	0300		859·1		904·9	46·7	36·6	17·3	3·5		31		0·2		0	0	0	1	0	12	13	2	2
	1200		856·6		901·0	66·8	49·2	24·0	5·1		29		0·0		0	0	2	11	1	5	0	0	11
Sibi	0000	441	998·7		1014·9	54·1	48·1	40·4	8·7		61		0·0		0	0	0	0	0	0	0	0	30
	0300		1000·4	+0·6	1016·4	59·2	51·4	42·4	9·2	+2·8	54	+18	0·2	—1·0	0	0	0	1	0	0	0	0	29
	1200		997·1		1012·3	84·6	65·9	51·1	13·9		34		0·2		0	0	0	7	10	10	0	0	3
Quetta (Samungli)	0000	5253	843·9		802·5	29·1	25·6	18·5	3·4		65		0·2		0	1	13	4	2	0	0	0	10
	0300		845·1		803·9	33·7	29·2	22·4	3·9		60		0·6		0	0	5	4	0	0	0	1	20
	1200		842·6		804·0	65·4	48·1	30·0	5·0		24		0·8		2	0	0	0	0	0	2	22	4

(x) Data not available.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L., or nearest Gpkm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
BALUCHISTAN (North)—Contd.																							
Quetta	0300	5490	836·1	—1·4	803·7	49·1	42·1	32·3	6·6	+2·2	56	+1	0·7	—0·5	1	0	0	0	1	0	1	0	27
	1200		833·2		801·8	65·1	50·9	36·9	7·8		37		0·4		16	0	0	0	0	0	0	3	11
Chaman	0000	4311	871·7		904·7	50·5	39·6	22·9	4·0		31		0·0		0	8	14	5	0	1	2	0	0
	0300		872·8	—0·6	905·7	54·2	42·9	25·6	4·7	—0·2	32	—10	0·0	—1·0	1	5	13	5	1	0	1	1	3
	1200		871·1		903·1	69·0	52·4	32·2	6·9		28		0·2		1	0	3	1	2	2	10	11	0
Kalat	0000	6616	801·8		803·3	31·3	26·0	15·7	2·8		48		0.0		0	0	0	0	29	0	0	0	1
	0300		803·0	—0·3	804·6	37·2	29·4	15·7	2·6	—0·9	35	—13	0·0	—1·0	0	0	0	0	26	0	1	0	3
	1200		801·4		803·1	61·7	43·9	18·5	3·4		19		0·0		15	1	0	0	2	1	6	4	1
Nushki *	0000	3416																					
	0300																						
	1200																						
Dalbandin	0000	2785	920·4		903·3	45·5	37·0	22·5	3·9		39		0·1		0	8	0	1	0	0	1	0	20
	0300		921·7	—0·7	904·6	45·6	36·9	21·4	4·3	—0·6	40	—7	0·5	—0·5	2	9	0	1	0	0	0	0	18
	1200		918·8		902·9	76·4	54·1	28·3	4·9		16		0·7		0	4	11	2	0	2	0	2	9
Nokkundi	0000	2229	938·1		902·5	53·6	41·5	21·9	4·3		33		0·1		12	0	0	0	0	0	0	15	3
	0300		939·7		904·5	57·7	43·7	21·2	4·2	—1·5	25	—17	0·2	—1·4	9	5	0	0	0	1	0	5	10
	1200		937·0		903·3	80·2	57·0	31·1	6·6		19		0·0		1	0	2	5	2	1	0	5	14
BALUCHISTAN (South)																							
Panjgur	0000	3177	906·9		903·2	48·1	38·8	23·6	4·1		36		0·0		1	14	0	0	0	0	0	0	15
	0300		908·2	—0·5	904·5	48·8	38·0	18·2	3·4	—2·0	28	—21	0·0	—0·9	0	28	0	0	0	0	0	0	2
	1200		905·9		902·1	75·8	52·9	23·8	4·5		15		0·0		13	7	0	0	0	3	6	0	1
Turbat	0000	510	997·2		1015·5	59·4	51·8	42·8	9·7		57		0·0		0	10	0	13	1	0	1	0	5
	0300		998·7		1016·3	63·4	53·4	42·6	9·3		47		0·0		0	8	0	3	0	0	1	0	16
	1200		994·5		1011·5	90·6	66·1	45·3	11·1		22		0·0		0	7	0	1	0	5	7	5	5
Jiwani	0000	185	1007·3		1013·4	68·2	65·1	64·6	19·7		84		0·1		6	0	1	0	0	0	5	3	15
	0300		1008·4		1014·4	68·9	64·9	61·5	19·3		80		0·3		8	2	1	0	0	0	2	3	14
	1200		1006·1		1012·2	81·4	68·8	59·9	18·1		50		0·2		0	0	0	4	8	9	9	0	0
Pasni	0000	28	1011·9		1012·8	62·5	58·4	58·4	15·3		78		0·0		3	0	0	0	0	0	2	10	15
	0300		1013·2	—1·7	1014·1	63·9	57·9	52·2	13·8	—1·4	68	—1	0·0	—1·0	2	3	0	0	0	1	6	18	0
	1200		1010·6		1011·5	82·0	68·0	58·6	17·1		46		0·0		0	1	0	5	3	21	0	0	0
Ormara	0000	15	1011·8		1012·3	67·5	66·7	66·2	21·4		95		0·0		0	0	1	0	0	2	2	1	24
	0300		1013·5		1014·0	66·1	65·4	65·1	20·6	+2·8	97	+24	0·2	—1·0	0	0	1	0	0	0	0	0	29
	1200		1010·7		1011·2	82·6	77·3	74·8	29·7		77		0·0		0	0	0	3	10	10	7	0	0

(*) Data rejected.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. or nearest 0pm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
BALUCHISTAN (South)—Contd.																							
Lasbela	0000	292	1002·6	—1·5	1013·2	59·7	52·0	42·7	10·1	—1·4	58	+1	0·0	—0·6	2	1	1	0	0	0	1	0	25
	0300		1003·9		1014·4	62·8	53·6	43·6	10·2		52		0·0		6	4	2	4	1	0	3	2	8
	1200		1000·6		1010·5	90·7	69·0	53·7	14·9		30		0·0		0	1	0	5	11	6	0	1	6
SIND (Lower)																							
Karachi (Manora)	0300		1008·9	—2·4	1009·4	72·9	67·4	63·6	20·5	+4·5	74	+8	0·3	—0·9	1	11	6	0	0	0	1	6	5
	1200		1006·7		1007·2	79·8	72·8	69·1	24·6		70		0·6		0	0	3	1	0	12	14	0	0
Karachi (Airport)	0000	73	1010·2		1012·9	61·8	56·6	50·9	13·6		72		0·3		8	2	0	0	0	0	0	1	19
	0300		1012·0	—	1014·7	64·0	57·5	51·1	13·3	—	65	—	0·3	—	7	0	0	0	0	0	0	0	23
	1200		1009·2		1011·7	83·5	67·3	55·3	15·4		40		0·4		3	4	0	1	6	14	2	0	0
Badin	0000	31	1011·4		1012·5	62·1	59·4	57·3	16·2		85		0·0		5	0	0	0	1	2	1	3	18
	0300		1013·4	—0·4	1014·5	64·6	60·8	58·4	16·5	+2·7	78	+18	0·0	—1·0	10	2	0	2	0	0	3	0	13
	1200		1010·3		1011·6	85·5	74·4	68·7	23·7		58		0·0		15	2	0	2	2	0	2	0	7
Umarkot	0000	55	1010·2		1012·2	57·8	52·6	47·2	11·5		70		0·0		5	4	0	0	4	1	0	0	16
	0300		1012·1	—	1014·1	63·4	56·6	49·9	12·2	—	62	—	0·0	—	6	2	2	0	2	1	0	0	17
	1200		1009·0		1010·9	84·9	66·8	53·7	14·5		35		0·0		8	1	1	0	1	4	2	7	6
Chhor	0000	19	1012·1		1012·8	53·0	49·9	46·8	10·9		80		0·1		1	1	0	0	0	1	0	0	27
	0300		1014·2	—	1014·9	62·0	55·3	48·6	12·1	—	64	—	0·2	—	0	3	0	1	0	1	0	0	25
	1200		1010·8		1011·5	84·5	65·3	50·1	13·3		32		0·2		1	4	0	0	0	3	3	0	19
Hyderabad	0000	98	1009·5		1013·0	62·7	57·2	52·2	13·7		69		0·0		4	1	0	0	0	1	0	0	24
	0300		1011·1	—1·1	1014·6	64·6	58·2	52·4	13·8	+1·8	65	+10	0·0	—0·8	4	1	0	0	0	1	0	0	24
	1200		1008·9		1012·0	85·3	64·3	46·8	10·9		26		0·0		5	2	0	0	0	5	0	0	18
SIND (Upper)																							
Pad Idan	0000	153	1007·4		1012·9	53·8	51·3	48·9	11·9		83		0·0		1	0	1	0	0	0	0	1	27
	0300		1009·4	—	1014·9	58·8	54·2	49·8	12·5	—	73	—	0·0		2	1	0	0	0	0	0	0	27
	1200		1006·8		1012·0	84·2	65·0	49·8	12·5		31		0·0		2	0	0	1	0	0	0	1	26
Nawabshah	0000	124	1009·5		1014·0	53·7	51·4	49·0	11·9		83		0·0		2	0	0	0	0	0	0	0	28
	0300		1011·2	—	1015·8	57·8	54·4	51·3	12·9		78		0·1	—	1	0	0	0	1	0	0	1	27
	1200		1008·7		1013·0	84·4	66·4	53·4	13·7		34		0·1		5	1	1	1	3	0	0	1	18

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure. Station level reduced to standard temperature and gravity.	Mean Pressure. Departure from normal.	Mean Pressure. Reduced to standard temperature and M.S.L. at nearest 0.1mm. level.	Mean Temperature of the Air and Humidity. Dry bulb.	Mean Temperature of the Air and Humidity. Wet bulb.	Mean Temperature of the Air and Humidity. Dew point.	Mean Temperature of the Air and Humidity. Vapour pressure.	Mean Temperature of the Air and Humidity. Departure from normal.	Mean Temperature of the Air and Humidity. Relative humidity.	Mean Temperature of the Air and Humidity. Departure from normal.	Total Cloud Amount. Mean amount.	Total Cloud Amount. Departure from normal.	Wind Direction Number of Observations From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
SIND (Upper)—Contd.																							
Sukkur	0300	221	1006·7	—1·4	1014·7	61·2	56·9	53·3	13·6	+1·5	74	+16	0·0	—0·6	0	4	9	8	1	1	0	0	7
	1200		1001·2		1008·9	81·5	65·9	54·6	14·5		40		0·0		0	7	0	1	0	1	0	9	12
Jacobabad	0000	183	1006·7		1013·4	59·1	53·3	47·5	11·1		65		0·0		0	0	1	2	1	1	0	1	24
	0300		1008·6	—1·0	1015·2	61·5	54·8	49·1	11·6	+0·4	63	+5	0·0	—0·7	1	1	2	1	1	1	0	1	22
	1200		1005·8		1012·2	84·0	65·0	49·7	12·5		31		0·0		0	3	0	4	3	12	1	2	5
Reti	0000	280	1004·3		1014·4	51·7	45·7	37·4	7·9		59		0·0		1	0	0	0	1	0	0	0	28
	0300		1005·2		1015·4	60·2	54·3	49·8	11·6		65		0·0		0	1	0	2	6	0	0	0	21
	1200		1002·3		1012·0	83·1	68·2	58·4	16·6		43		0·0		1	0	0	0	1	0	3	3	22
JUNAGADH																							
Veraval	0000	26			(c) 1011·2	64·6	60·0	50·9	16·0		76		0·2		5	10	7	0	0	(c) 0	1	1	4
	0300				(f) 1013·2	70·2	59·0	48·7	12·1		48		0·7		9	9	5	0	1	(f) 0	0	0	1
	1200				(i) 1010·5	(h) 86·0	72·5	65·3	21·1		49		0·6		1	0	2	1	7	2	(b) 8	1	1
AFGHANISTAN																							
Jalalabad †	0300	1950																					
	1200																						
Kabul	0300	5955	823·6	—	804·7	38·1	29·6	11·7	2·5	—1·1	33	—24	0·7	—1·3	3	2	0	0	2	6	10	7	0
	1200		821·5		803·6	63·2	44·9	19·1	3·6		19		1·9		5	7	3	3	4	2	1	0	5
Kandahar †	0300	3462																					
	1200																						
ARABIA																							
Muscat	0300	20	1014·6		1015·1	74·0	67·4	62·2	20·1		70		0·7	—0·6	0	0	0	2	0	0	5	4	19
	1200		1012·6		1013·1	79·9	71·2	65·7	21·8		63		(b) 0·2		5	4	9	1	0	(b) 0	0	6	4
Kuwait †		16																					

(†) Observatory remain closed. (b) Mean for 29 days. (c) Mean for 28 days. (f) Mean for 25 days. (h) Mean for 23 days. (i) Mean for 22 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF NOVEMBER, 1955.

Sub-Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal	Thunder heard.	Hail.	Visibility Code Figure 93 or Less. Fog.	Haze (dust)	Dust Storm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (East).																					
Cox's Bazar	85·6	+1·2	92	6	70·0	+2·9	63	18,19,28	6·65	+3·39	2·12	7	8	+4·9	2·1	+1·0	1				
Chittagong	85·0	+1·4	91	3	68·6	+3·1	62	19	10·52	+8·35	3·60	7	6	+4·0	0·8	—2·3					
Noakhali (Maijdee)	83·1	—0·2	87	3,5,6	68·2	+0·9	63	21	8·15	+6·62	3·20	9	5	+3·1	(x)				12		
Comilla	85·4	+1·4	90	13	66·9	+2·8	62	29,30	5·84	+4·55	2·33	9	4	+2·4	1·7	+0·6					
Brahmanbaria	84·1	—1·1	89	6,13,14	68·5	+2·9	64	30	5·80	+4·76	2·22	9	5	+3·5	1·6				1		
Srimangal	84·2	—1·3	89	4 days	63·0	+3·4	58	4 days	8·05	+6·64	3·03	9	6	+4·3	0·4	—0·8					
Mymensingh	83·2	+0·3	88	6	66·4	+1·9	64	26,28,30	3·02	+2·14	1·98	8	3	+2·0	0·5	—0·1					
Narayanganj	85·0	+1·1	91	6	68·5	+2·4	61	28	3·43	+2·48	1·32	9	3	+1·7	1·2	+0·1			3		
Dacca (Tejgaon)	83·4		88	4,5,6	66·1		62	21,22	3·56		1·73	9	3		1·7				9		
EAST PAKISTAN (Deltaic)																					
Faridpur	82·1	—0·2	87	4,6	66·7	+2·7	64	16,17,21	2·04	+0·94	0·92	8	3	+1·6	1·9	+0·5			8		
Barisal	83·8	+0·6	88	6,7	69·1	+3·5	65	21	7·06	+5·52	2·87	7	3	+1·3	(x)				2		
Khulna	84·6	+1·1	89	22,25	68·0	+2·4	64	17	4·47	+3·35	1·81	9	3	+1·2	1·7	+0·1			1		
Satkhira	84·3	—0·9	87	4,6	65·4	+2·2	61	16	3·44	+2·70	1·55	8	3	+1·8	0·7	—0·2					
Jessore	83·7	—0·5	88	4,5	63·7	+2·9	59	16	2·47	+1·52	0·99	8	3	+1·9	1·9	+0·9					
EAST PAKISTAN (North).																					
Pabna	84·2	—1·3	90	1,2	63·4	+0·3	57	29,30	×	—	×	—	×	×	×						
Sirajganj	83·5		88	4	66·7		64	16	3·16	+2·47	2·65	8	3	+2·2	1·5				3		
Rajshahi									1·57	+1·04	1·57	8	1	+0·2							
Bogra	83·9	+1·5	89	4,6	65·6	+2·8	63	26	1·47	+0·70	0·85	8	2	+1·2	1·7	+0·8					
Dinajpur	84·9	+2·4	88	1	63·5	+2·5	61	15,22	0·32	—0·12	0·30	8	1	+0·4	1·6	+0·5					
Rangpur									0·38	—0·02	0·20	8	2	+1·5					1		

(x) Data not available.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Visibility Code Figure 93 or Less. Fog.	Haze (dust)	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
KASHMIR.																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonemarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Misgar	49·1	—	56	2,3	21·9	—	18	6 days	0·00	—	0·00	—	0	—	0·9	—	0	0	0	0	0
Gilgit (x)																					
Jammu (x)																					
NORTH PUNJAB.																					
Lahore (Jail Road)	81·9	—1·0	87	2,3	49·1	+1·8	43	26	0·00	—0·10	0·00	—	0	—0·3	1·0	+0·2	0	0	0	0	0
Lahore (Cantt.)	80·1	—	87	3	49·9	—	44	25,26	0·00	—	0·00	—	0	—	1·1	—	0	0	0	0	0
Lahore (Walton)	81·4	—	86	4 days	(e) 49·9	—	43	24,26	0·00	—	0·00	—	0	—	2·2	—	0	0	0	0	0
Sialkot	*	—	*	—	*	—	*	—	0·00	—0·17	0·00	—	0	—0·4	0·8	+0·2	0	0	0	0	0
Jhelum	83·1	—	90	1	46·4	—	40	24,26	0·00	—	0·00	—	0	—	1·1	—	0	0	0	0	0
Chaklala	78·7	—	84	1	42·5	—	37	26	0·00	—	0·00	—	0	—	3·7	—	0	0	0	0	0
Rawalpindi	(b) 82·7	+5·0	86	6 days	42·9	—1·5	36	29,30	0·00	—0·28	0·00	—	0	—0·5	0·7	—0·4	0	0	0	0	0
Murree	61·8	+2·3	66	11	44·2	+3·2	40	4 days	0·00	—0·73	0·00	—	0	—1·2	4·2	+0·9	0	0	0	0	0
Campbellpur	*	—	—	—	*	—	—	—	0·00	—	0·00	—	0	—	*	—	0	0	0	0	0
Khushab	84·5	+1·7	90	1	48·8	—1·0	44	4 days	0·00	—0·08	0·00	—	0	—0·2	2·0	0·0	0	0	0	0	0
Sargodha †																					
Lyallpur	83·7	+1·7	90	1,3	49·8	+0·7	45	29	0·00	—0·11	0·00	—	0	—0·2	1·4	+0·3	0	0	6	0	0

(x) Data not available. (*) Data rejected. (e) Mean for 26 days. (†) Observatory remain closed. (b) Mean for 29 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust) Dust Storm.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SOUTH PANJAB																					
Leiah (†)																					
Montgomery	84·4	−1·0	91	3,4	50·3	−1·3	46	5 days	0·00	−0·05	0·00	—	0	−0·2	0·7	−1·0	0	0	0	0	0
Multan	84·6	+1·7	91	6	52·5	+1·6	47	28,29,30	0·00	−0·06	0·00	—	0	−0·1	1·2	+0·3	0	0	0	0	0
Khanpur (P.B.O.)	84·8	—	91	7	49·4	—	44	25,30	0·00	—	0·00	—	0	—	1·9	—	0	0	0	0	0
Khanpur	87·0	0·0	93	3,5,7	53·4	+2·0	47	25	0·00	−0·12	0·00	—	0	−0·1	1·9	−0·9	0	0	0	0	0
Bahawalpur	86·8	+1·4	93	5,6	50·3	−0·3	43	27	0·00	−0·01	0·00	—	0	0·0	0·2	−1·1	0	0	0	0	0
Fort Abbas	87·3	—	94	1	49·3	—	46	24,27,28	0·00	—	0·00	—	0	—	2·3	—	0	0	0	0	0
N. W. F. P. (Upper)																					
Drosh	73·5	+9·4	85	3	44·0	+0·4	41	8,29	0·29	−0·05	0·27	7	1	−0·2	2·0	+0·4	0	0	0	0	0
Chakdara	76·0	—	84	1	42·1	—	36	26,30	0·03	—	0·03	6	0	—	1·5	—	1	0	0	0	0
Peshawar	78·7	+1·9	85	1	48·2	−0·7	40	30	0·15	−0·16	0·15	7	1	+0·4	2·1	+1·2	1	0	0	0	0
Risalpur	81·9	—	89	1	41·4	—	34	26	0·00	—	0·00	—	0	—	0·6	—	0	0	0	0	0
Haripur (Hazara)	*	—	*	—	*	—	*	—	0·00	—	0·00	—	0	—	4·1	—	0	0	0	0	0
Kakul	69·4	—	76	1,11,12	50·3	—	47	4 days	0·00	—	0·00	—	0	—	*	—	2	0	0	0	0
Cherat	69·5	+4·1	75	4 days	50·5	+0·8	44	28	0·00	−0·37	0·00	—	0	−0·6	6·6	+0·5	0	0	0	0	0
Landikotal	70·2	—	79	2	41·6	—	35	30	0·06	—	0·06	7	0	—	1·8	—	0	0	0	0	0
N. W. F. P. (Lower),																					
Kohat	81·2	—	86	1,11	54·5	—	47	5 days	0·00	—	0·00	—	0	—	4·5	—	1	0	0	0	0
Parachinar	70·6	+5·9	73	9 days	40·2	+0·9	33	24	0·00	−0·40	0·00	—	0	−1·2	2·4	+0·6	0	0	0	0	0
Miranshah	75·5	+2·1	80	4 days	46·0	−0·4	40	5 days	0·00	−0·02	0·00	—	0	0·0	2·0	−1·2	0	0	0	0	0
Bannu	81·2	+1·0	86	1	49·9	0·0	43	30	0·00	−0·16	0·00	—	0	−0·2	1·4	—	0	0	0	0	0
Wana	73·0	+2·9	79	2	39·6	+4·1	32	21,22	0·00	−0·07	0·00	—	0	−0·2	0·0	—	0	0	0	0	0
D. I. Khan	84·0	+2·1	89	1,2	52·8	+4·1	46	30	0·00	−0·15	0·00	—	0	−0·3	0·0	−0·5	0	0	0	0	0

(*) Date rejected. (†) Observatory remain closed.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
																			Visibility Code Figure 93 or Less.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10″ or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust)	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN (North)																					
Fort Sandeman	75·8	+4·4	80	1	42·6	+1·5	37	18,23	0·00	—0·13	0·00	—	0	—0·2	2·1	+1·0	0	0	0	0	0
Hindubagh	72·2	—	78	11	37·9	—	30	29,30	0·00	—	0·00	—	0	—	5·3	—	0	0	0	0	0
Loralai	73·1	—	77	4 days	39·4	—	33	23,24,28	0·00	—0·16	0·00	—	0	—0·5	3·4	—	0	0	0	0	0
Sibi	88·1	+1·7	95	18	51·9	—1·2	47	30	0·00	—0·02	0·00	—	0	—0·1	1·1	—0·6	0	0	0	0	0
Harnai									0·00	—0·18	0·00	—	0	—0·3			0	0		0	0
Quetta (Samungli)	68·0	—	73	3,4	26·2	—	19	22	0·00	—	0·00	—	0	—	3·0	—	0	0	0	0	0
Quetta	67·4	—	74	3,4	29·9	—	23	30	0·00	—	0·00	—	0	—	2·4	+0·9	0	0	0	0	0
Chaman	72·4	+4·8	79	4days	45·9	+2·5	41	7,29	0·00	—0·23	0·00	—	0	—0·7	4·6	+1·1	0	0	0	0	0
Kalat	66·7	+3·0	76	3	27·1	—3·5	20	7,29	0·00	—0·23	0·00	—	0	—0·8	4·9	+1·5	0	0	0	0	0
Nushki	78·5	—	86	6	40·1	—	30	14	0·00	—	0·00	—	0	—	6·2	—	0	0	0	0	0
Dalbandin	79·0	+2·7	87	1,4	36·5	—4·0	32	8,13	0·00	—0·06	0·00	—	0	—0·2	2·4	0·0	0	0	0	0	0
Nokkundi	84·2	+4·2	91	1	51·4	+1·7	44	9	0·00	—0·03	0·00	—	0	—0·1	2·9	—1·6	0	0	0	0	0
BALUCHISTAN (South)																					
Panjgur	77·8	+1·9	85	2	41·2	—4·4	37	9,10	0·00	—0·05	0·00	—	0	—0·2	2·2	—1·7	0	0	0	0	0
Turbat	92·9		97	6	58·2		54	9,10,11	0·00		0·00	—	0		x		0	0	0	0	0
Jiwani	85·3		93	13	65·1		61	9	0·00		0·00	—	0		x		0	0	0	0	0
Pasni	87·0	+1·6	95	6	60·3	—0·2	55	9	0·00	—0·14	0·00	—	0	0·00	7·3	+3·0	0	0	0	0	0
Ormara	84·7	—1·0	95	7	62·0	—1·8	57	18,29	0·00	0·00	0·00	—	0	0·00	3·9	—0·1	0	0	7	0	0
Las Bela	94·0	+1·1	99	3,7	55·2	+1·7	47	10	0·00	0·00	0·00	—	0	0·00	1·4	—0·2	0	0	0	0	0

(x) Data not available.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF NOVEMBER, 1955.

Sub-Division and Station.	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				PRECIPITATION (Inches).						Wind Velocity (Knots).		Weather Number of Days.				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0·10" or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Visibility Code Figure 93 or Less. Fog.	Haze (dust)	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SIND (Lower).																					
Karachi (Manora)	87·4	+2·2	93	2,5	67·3	+0·4	63	16	0·00	—0·08	0·00	—	0	—0·3	x	—	0	0	0	1	0
Karachi (Airport)	88·2		95	4,5	59·0		54	25,29,30	0·00	—	0·00	—	0		3·2		0	0	0	0	0
Badin	90·4	+0·2	96	1,2	58·7	—1·2	51	30	0·00	—0·18	0·00	—	0	—0·4	2·4		0	0	0	0	0
Umarkot	86·0		91	1,6,9	55·5		46	27	0·00	—	0·00	—	0		1·8		0	0	1	0	0
Chhor	88·7		94	3,4,5	50·5		41	26	0·00	—	0·00	—	0		1·1		0	0	1	0	0
Hyderabad	90·2	+1·4	95	1,9	60·7	+1·9	53	26,27	0·00	—0·06	0·00	—	0	—0·1	2·4	—0·7	0	0	0	0	0
SIND (Upper).																					
Pad Idan	88·1		94	1	51·2		45	30	0·00	—	0·00	—	0		0·4		0	0	0	0	0
Nawabshah	87·8		93	1,6	50·7		47	25,26,29	0·00	—	0·00	—	0		1·7		0	0	1	0	0
Sukkur	88·2	+2·0	94	1,2,4	57·8	—0·3	52	28	0·00	0·00	0·00	—	0	0·0	1·2	—1·1	0	0	0	0	0
Jacobabad	86·9	+1·0	93	2	54·9	+0·4	51	30	0·00	—0·05	0·00	—	0	—0·1	2·1	—0·1	0	0	0	0	0
Reti	88·3		94	5	48·9		43	27	0·00	—	0·00	—	0	0·0	2·9		0	0	0	0	0
JUNAGADH.																					
Veraval	(b) 89·2		94	4	x		x	x	0·00		0·00	—	0		x		0	0	0	0	0
AFGHANISTAN.																					
Jalalabad †																					
Kabul	67·3	+6·2	74	1	33·5	+1·2	28	23	0·00	—0·60	0·00	—	0	1·5—	2·9	+1·1	0	0	0	0	0
Kandahar †																					
ARABIA.																					
Muscat	83·2	—1·1	87	3	71·3	—2·5	67	22	0·00	—0·39	0·00	—	0	—0·7	3·0	+0·3	0	0	0	0	0
Kuwait†																					

(†) Observatory remain closed. (x) Data not available. (b) Mean for 23 days.

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PAKISTAN WEATHER REVIEW, 1955

MONTHLY WEATHER REPORT

DECEMBER

(PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN)

Chief Features:—

(1) Spell of wet weather practically over the whole of West Pakistan towards the end of the second and the beginning of the third week.

(2) Dry weather over East Pakistan.

West Pakistan:

Six western disturbances affected West Pakistan during the month. Weather remained dry in West Pakistan during the first twelve days except for scattered rain or drizzle in northeast Baluchistan and the upper North-West Frontier Province in the beginning of 2nd week in association with the eastward passage of two feeble western disturbances to the north of the country.

Thereafter, a western disturbance moving eastwards from southwest Baluchistan across Sind-caused spell of wet weather practically over the whole of West Pakistan with a few heavyfalls between the 13th and the 15th.

During the rest of the month rain or dizzle occurred at a few places in West Pakistan outside Sind and a few snowfalls were also reported from Murree hills, due to the eastward passage of three western disturbances across the nortern parts and a secondary western disturbance which moved across Baluchistan and the souh Punjab.

Chief amounts of rainfall during the month were :—Chaman 1″ on the 10th and 2″ on the 13th; Ormara 10″ and Loralai, Quetta, Chaman, Nushki and Turbat 1″ each on the 14th and Wana 2″ on the 15th. Night temperatures were generally above normal.

The total rainfall during the month was in large defect in the south Punjab upper NWFP and upper Sind, in slight defect in North Punjab in moderate excess in south Baluchistan and in large excess elsewhere. Average over the plains as a whole it was normal.

The mean maximum temperature was normal over the region except in lower NWFP where it was below normal The mean minimum temperature was normal in upper NWFP., south Baluchistan and lower Sind and above normal elsewher. The mean relative humidity was normal in upper NWFP and Baluchistan and above normal elsewhere. Cloudiness was in excess over south Punjab and upper Sind, in defect over south Baluchistan and normal elsewhere.

East Pakistan:

Weather remained dry in East Pakistan throughout the month. Night temperatures were appreciably above normal duing first four days and below normal between 25th and 27th.

No rainfall in the region during the month. The mean maximum and minimum temperatures, and the mean relative humidity were all normal over the region, and skies were less clouded than usual.

Table I contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud amount for the 5 chief divisions and 12 sub-divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent tables.

TABLE I.—DIVISIONAL AND SUB-DIVISIONAL MEANS FOR DECEMBER 1955—*contd.*

Division	PRECIPITATION				DEPARTURE FROM NORMAL OF				
							03 hrs. G. 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
	"	"	"		°	°	mb	%	
East Pakistan	0 00	0.25	—0.25	—100	0.0	—0.3	+0.2	—2	—0.7
Mean of East Pakistan	0 00	0.25	—0.25	—100	0.0	—0.3	+0.2	—2	—0.7
(1) Punjab	0.34	0.47	—0.13	—24	—0.2	+3.3	+2.1	+10	+0.7
(2) N.W.F.P.	0.63	0.44	+0.19	+43	—1.7	+2.5	+1.1	+8	+0.2
[illegible]	1.49	0.64	+0.85	+133	+1.3	+2.6	+0.7	+3	—0.2
[illegible]	[illegible]		+0.07	+58	+1.1	+2.0	+2.7	+16	—0.7
Mean of West Pakistan excluding Baluchistan	0.33	0.34	—0.01	—3	0.0	+2.7	+2.1	+12	+0.6
East Pakistan (East)	0.00	0.38	—0.38	—100	—0.3	—0.5	0.0	—4	—0.7
East Pakistan (Deltaic)	0.00	0.19	—0.19	—100	—0.2	+0.6	+0.3	0	—0.6
East Pakistan (North)	0.00	0.09	—0.09	—100	+0.9	—1.2	+0.6	—1	—0.7
Kashmir (x)									
North Punjab	0.53	0.62	—0.09	—15	—0.4	+2.4	+1.9	+9	+0.4
South Punjab	0.03	0.21	—0.18	—86	—0.1	+4.2	+2.5	+11	+1.2
N.W.F.P. (Upper)	0.04	0.67	—0.63	—94	—1.0	+0.8	+0.5	+3	+0.2
N.W.F.P. (Lower)	0.92	0.32	+0.60	+187	—2.0	+3.3	+1.4	+10	+0.3
Baluchistan (North)	1.72	0.66	+1.06	+161	+1.5	+3.7	+0.9	+4	+0.1
Baluchistan (South)	0.86	0.59	+0.17	+39	+1.1	+0.5	+0.2	+1	+0.8
Sind (Lower)	0.26	0.15	+0.11	+73	+1.4	+1.5	+2.7	+16	+0.2
Sind (Upper)	0.00	0.03	—0.03	—100	+0.3	+3.6	+2.7	+15	+2.2
Junagadh (x)									

(x) Data incomplete.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1955

SUB-DIVISION AND STATION	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb	%	%	oktas										
EAST PAKISTAN (EAST)																							
Cox's Bazar	0000																						
	0300	38	1014.9	+0.2	1016.2	70.2	64.6	60.8	18.2	−0.8	73	−5	2.3	+0.6	1	8	4	9	0	0	0	2	7
	1200		1012.4		1013.8	70.8	64.4	60.1	17.8		69		2.5		1	0	0	0	0	2	2	8	18
Chittagong	0000																						
	0300	87	1013.7	0.0	1016.8	69.6	63.8	60.1	17.7	−0.2	70	−12	0.9	−0.7	2	9	15	2	0	0	0	0	3
	1200		1010.4		1013.5	68.8	62.3	57.9	16.4		67		1.1		1	1	0	0	0	0	6	12	11
Noakhali (Maijdi)	0000	25	1014.1		1015.0	57.7	56.0	55.1	14.9		97		0.3		0	0	0	0	0	0	0	0	31
	0300		1015.4	−0.6	1016.3	66.8	62.3	58.9	17.8	−0.1	77	−4	0.2	−1.1	0	0	0	0	0	0	0	0	30
	1200		1012.6		1013.5	69.3	63.7	59.8	17.5		73		0.1		0	0	0	0	0	0	0	0	31
Comilla	0000	29	1014.0		1015.0	55.8	55.3	54.9	14.8		97		0.2		2	0	0	0	0	0	0	0	29
	0300		1015.7	−0.4	1016.7	67.0	61.7	58.0	16.2	−1.3	71	−6	0.3	−0.7	4	1	0	1	0	0	0	0	25
	1200		1012.9		1013.9	70.4	64.0	59.7	17.1		68		0.3		1	1	0	0	1	0	0	0	28
Brahmanbaria	0000	32	1013.9		1015.1	58.5	57.4	56.4	16.0		94		0.2		0	1	0	0	0	0	0	0	30
	0300		1016.0		1017.1	68.7	62.7	58.4	17.0	0.0	70	−1	0.3	−0.9	3	7	0	0	0	2	0	0	19
	1200		1012.6		1013.7	68.3	63.9	59.9	18.0		77		0.3		0	0	0	0	0	0	0	0	31
Srimangal	0000	69	1013.5		1016.1	50.0	49.3	48.7	11.8		96		0.3		0	0	0	0	0	0	0	0	31
	0300		1014.4	−0.3	1016.9	63.6	60.9	59.0	17.5	+2.0	86	+2	0.6	−0.7	0	0	0	0	0	0	0	0	31
	1200		1011.6		1014.1	65.1	63.0	61.6	18.8		89		0.1		0	0	0	0	0	6	0	0	31
Mymensingh	0000	62	1013.4		1015.7	57.5	56.1	54.6	14.4		90		0.2		0	0	0	0	0	0	0	0	31
	0300		1015.4	0.0	1017.6	63.0	60.1	57.9	16.3	−0.1	83	0	0.3	−1.2	1	3	11	4	0	0	0	1	11
	1200		1011.9		1014.1	70.3	63.5	59.1	17.1		68		0.5		0	0	0	0	0	0	0	0	31
Narayanganj	0000	26	1014.9		1015.8	58.8	57.7	56.7	16.0		94		0.7		0	0	1	0	0	1	3	1	28
	0300		1016.1	−0.2	1016.9	68.5	62.3	57.9	17.0	+0.4	70	−8	0.3	+1.2	1	0	9	1	0	0	0	8	9
	1200		1012.7		1013.6	70.3	62.1	55.6	15.4		61		0.7		0	0	0	0	0	1	4	2	24
Dacca Tejgaon	0000	27	1013.5		1014.5	54.5	53.6	52.6	13.8		93		0.5		1	2	0	0	0	0	0	0	28
	0300		1015.7		1016.7	66.8	61.9	58.2	16.7		74		0.7		4	5	1	0	0	0	4	2	15
	1200		1012.3		1013.3	68.3	61.5	56.7	15.2		65		0.8		3	1	0	0	0	0	2	9	16
(EAST PAKISTAN (DELTAIC)																							
Faridpur	0000	46	1013.5		1015.1	57.0	56.2	55.2	14.9		94		0.2		1	3	0	0	0	0	0	1	26
	0300		1015.3	−0.3	1016.9	65.7	61.6	58.2	17.2	+0.8	79	−1	0.5	−0.5	15	1	0	0	0	0	0	2	13
	1200		1011.9		1013.5	69.7	63.8	59.4	17.7		70		0.6		1	1	0	0	0	0	0	1	28
Barisal	0000	11	1014.5		1014.9	59.3	57.5	56.1	15.0		88		0.5		1	0	0	0	0	0	0	0	30
	0300		1016.3	−0.1	1016.7	68.4	63.5	58.9	17.4	−0.2	74	−5	0.8	−0.3	5	4	0	1	1	0	0	0	20
	1200		1012.8		1013.2	73.8	64.7	58.5	17.0		59		1.5		0	2	0	0	0	0	0	0	29
Khulna	0000	16	1014.7		1015.3	60.1	58.1	56.5	15.6		88		0.1		0	0	0	0	0	0	0	0	31
	0300		1016.9	−0.1	1017.4	66.4	62.1	59.3	16.6	+0.6	76	+8	0.3	−1.0	1	4	0	0	0	0	0	0	26
	1200		1013.4		1013.9	72.2	65.0	60.7	17.9		67		0.5		0	0	0	0	0	0	0	0	31
Satkhira	0000	16	1014.5		1015.0	57.9	56.7	55.9	15.4		94		0.2		0	0	0	0	0	0	0	0	31
	0300		1016.0	−0.8	1016.6	67.7	61.6	56.8	16.3	+0.5	70	−5	0.3	−0.8	10	2	0	0	0	1	0	1	17
	1200		1013.3		1013.9	72.0	64.3	59.0	17.3		65		0.5		0	1	0	0	0	0	0	0	30

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER 1955

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1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas									
EAST PAKISTAN (DELTAIC)—contd.																						
Jessore	0000	26	1013.6		1004.5	53.1	52.1	51.0	12.8		93		0.5		1	2	0	0	0	0	0	0
	0300		1016.2	—0.6	1017.1	63.5	59.5	56.5	15.3	—0.3	78	+4	0.8	—0.2	12	8	1	0	1	1	2	4
	1200		1012.9		1013.8	70.2	63.2	58.0	16.5		66		1.3		23	1	0	0	1	0	2	4
EAST PAKISNAN (NORTH)																						
Pabna	0000																					
	0300					64.2	61.1	59.0	17.0	+0.8	83	+7										
	1200																					
Sirajganj	0000	49	1012.9		1014.7	58.4	57.7	55.5	15.9		97		0.5		2	0	0	0	0	0	4	11
	0300		1014.9		1016.7	66.7	62.5	59.8	17.9		79		0.4		18	1	1	0	1	0	1	2
	1200		1011.4		1013.1	67.0	63.9	60.9	19.0		84		0.1		4	0	0	0	0	0	0	0
Bogra	0000	63																				
	0300		1013.7	—1.7	1016.0	64.6	60.3	56.3	16.0	+0.7	76	0	0.3	—0.8	8	9	4	0	0	2	3	3
	1200		1010.4		1012.6	72.9	63.6	57.5	15.7		57		0.8		2	1	2	1	0	0	7	1
Dinajpur	0000	123	1011.8		1016.1	52.4	51.0	49.5	11.8		90		0.3		0	0	0	0	0	0	0	0
	0300		1012.9	—0.4	1017.3	64.8	59.1	54.6	14.9	+0.4	71	—10	0.3	—0.7	0	0	0	0	0	0	0	0
	1200		1009.8		1014.1	70.6	62.7	56.9	16.1		62		0.2		0	0	0	0	0	0	0	0
Rangpur	0000																					
	0300	—											0.8		5	9	12	0	0	0	0	0
	1200												0.3		0	1	1	0	0	0	0	0
KASHMIR																						
Srinagar (X)	0300	5205																				
	1200																					
Gulmarg (X)	0300	8709																				
	1200																					
Gurez (X)	0300	—																				
	1200																					
Sonamarg (X)	0300	—																				
	1200																					
Dras (X)	0300	10059																				
	1200																					
Kargil (X)	0300	—																				
	1200																					
Leh (X)	0300	11529																				
	1200																					
Skardu (X)	0300	7250																				
	1200																					

x—Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER 1955

Sub Division and Station	Hours of observation.	Height of barometer cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observation from — N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb	°F			Mb.	Mb.	%	%	oktas										
Misgar	0000		698.9		708.6	18.6	17.0	15.0	2.6		79		3.2		0	0	5	0	0	0	0	0	26
	0300	10190	700.2	—	709.7	18.3	16.7	13.1	2.5	—	79	—	3.6	—	0	0	0	0	0	0	1	0	30
	1200		697.9		707.2	28.1	22.6	12.0	2.4		48		4.3		0	0	13	0	0	0	2	0	16
Gilgit (x)	0000																						
	0300	4950																					
	1200																						
Jammu (x)	0000																						
	0300	1200																					
	1200																						
NORTH PUNJAB																							
Lahore (Jail Rd)	0000		991.5		1017.3	46.8	46.1	45.2	10.3		96		1.5		0	2	0	0	0	0	0	2	27
	0300	702	992.9	—0.4	1018.8	48.6	47.3	46.0	10.5	+1.6	89	+4	3.4	—1.0	0	2	0	1	0	0	2	3	23
	1200		991.1		1016.1	64.5	57.7	51.9	13.2		63		3.2		2	0	0	0	0	0	1	6	22
Lahore Cantt	0000		991.0		1017.0	47.9	45.8	44.2	9.6		85		1.8		2	1	0	0	0	0	0	2	25
	0300	703	992.4	—	1018.6	49.0	47.1	45.1	10.2	—	85	—	3.3	—	0	3	0	0	0	2	0	5	26
	1200		990.7		1015.9	64.0	55.4	46.6	11.1		55		3.2		1	1	1	0	0	0	0	3	21
Lahore Walton	0000		991.2		1016.9	46.7	45.9	44.6	10.1		94		2.5		1	0	1	0	0	0	0	0	26
	0300	699	992.3	—	1017.8	47.9	46.9	46.9	10.5	—	92	—	3.5	—	1	4	1	0	1	0	5	4	15
	1200		991.5		1016.3	64.9	56.2	49.6	11.5		56		3.3		0	1	1	3	0	0	6	8	12
Sialkot	0000		987.0		1017.3	48.4	47.6	46.9	10.9		93		2.9		0	0	0	0	0	0	0	0	31
	0300	830	988.4	—0.5	1018.6	51.5	49.6	47.9	11.2	+1.9	86	+2	3.6	+1.5	0	3	0	2	0	1	0	2	23
	1200		986.7		1016.0	63.7	58.0	53.3	13.9		69		3.5		0	1	0	0	0	1	0	0	29
Jhelum	0000		989.6		1017.9	45.1	43.6	41.8	8.9		88		2.2		0	1	0	0	0	0	0	4	26
	0300	765	990.8	—	1019.2	45.5	43.9	41.9	9.0	—	88	—	3.7	—	0	0	0	0	1	2	0	4	24
	1200		989.0		1016.4	61.6	53.9	46.4	10.7		57		3.4		0	0	1	0	1	0	1	0	28
Chakala	0000		958.5		898.9	42.0	40.2	38.1	7.8		86		3.2		4	0	0	0	0	0	4	4	19
	0300	1667	959.5	—	899.9	41.9	40.2	38.0	7.8	—	86	—	4.2	—	5	1	0	0	0	0	3	2	20
	1200		957.9		900.6	60.2	50.2	39.8	8.4		47		4.2		0	1	0	1	0	3	15	0	11
Rawalpindi	0000		958.3		899.2	42.8	41.0	38.7	8.0		86		0.0		0	0	0	0	0	0	0	0	31
	(a) 0300	1676	958.6	—1.0	899.7	44.6	42.3	39.5	8.2	+1.2	83	+7	2.3	—0.3	0	0	0	0	0	0	1	0	30
	1200		955.2		898.2	59.1	51.3	43.9	9.7		57		1.5		0	0	0	0	0	0	4	0	27
Murree	0000		784.2		800.7	38.5	32.4	24.0	4.1		53		3.2		0	3	2	16	0	0	0	10	0
	3000	7113	785.3	—0.8	801.6	39.5	33.4	23.3	4.3	0.0	53	+5	5.0	+1.9	2	3	9	9	0	0	4	2	2
	1200		784.6		800.6	42.1	35.1	24.1	4.4		49		5.6		0	3	8	10	0	0	3	5	2
Campbellpur (R)	0000																						
	0300	—	977.9		1020.6	51.1	45.6	39.0	8.2		64		3.6		1	1	0	0	0	0	0	0	29
	1200		976.0		1017.8	60.2	53.0	47.0	10.8		62		4.1		1	1	0	0	0	0	1	0	28
Khushab	0000		996.6		1019.3	47.8	44.1	39.2	8.2		73		1.8		0	7	1	3	0	1	0	4	15
	0300	616	996.6	—0.6	1019.3	49.8	46.6	43.1	9.4	+2.8	76	+15	3.0	+0.5	1	5	2	1	1	2	0	1	18
	1200		994.2		1016.1	66.8	55.7	44.8	10.2		46		3.6		1	5	3	0	1	4	7	2	8
Sargodha (x)	0000																						
	0300	—																					
	1200																						

(R) Registerd not received.

(a) Mean for 30 days.
(x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1955.

SUB-DIVISION AND STATION	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Relative humidity.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Lyallpur	0000		995.9		1018.2	47.7	46.8	45.7	10.5		92		1.8		0	3	1	2	0	0	5	1	19
	0300	605	996.5	−0.3	1018.8	47.6	46.7	45.5	10.5	+2.0	92	+16	2.5	−0.7	0	0	0	0	0	0	0	0	31
	1200		994.9		1016.5	64.4	57.3	51.2	12.8		62		2.6		2	0	0	0	1	0	0	0	28
SOUTH PUNJAB																							
Leiah (x)	0300	—																					
	1200																						
Montgomery	0000	558	996.8		1017.3	48.9	47.7	73.0	10.7		93		2.3		0	0	0	0	0	0	1	1	29
	0300		998.2	−0.5	1018.7	49.6	48.5	46.7	11.1	+2.3	92	+15	2.7	+0.9	0	1	0	3	0	1	0	1	25
	1200		996.4		1016.1	67.5	59.5	52.9	13.8		60		3.0		0	1	1	1	0	3	1	2	22
Multan (S)	0300	413	1003.9	−0.2	1018.9	55.4	51.6	47.2	11.4	+1.2	75	+3	3.5	+1.7	10	3	0	2	6	1	0	1	8
	1200		1001.2		1015.7	68.5	58.0	47.7	11.8		49		2.7		7	10	0	3	0	5	0	2	4
Khanpur P.B.O.	0000	290	1006.1		1016.9	48.4	47.0	45.6	10.3		90		1.3		4	4	0	0	0	0	0	0	23
	0300		1007.3		1018.0	50.5	48.4	46.2	10.6		85		3.1		6	6	0	0	1	1	0	0	17
	1200		1004.8		1015.1	70.0	59.5	50.5	12.7		50		3.1		8	7	0	0	0	1	0	0	15
Khanpur (S)	0300	297	1007.4	−0.5	1018.3	52.8	49.6	45.8	10.7	+2.7	78	+12	2.9	+1.3	6	4	2	0	3	0	0	0	16
	1200		1004.8		1015.5	71.8	61.0	52.3	13.4		51		2.3		0	2	0	0	0	0	0	1	28
Bahawalpur	0300	384	1004.6	−0.3	1018.8	53.3	51.6	49.5	12.3	+3.6	88	+14	2.7	+0.8	0	0	0	0	0	0	0	0	31
	1200		1002.1		1015.7	68.7	62.1	57.0	16.1		67		3.2		0	0	0	0	0	0	0	0	31
Fort Abbas	0000	475	999.1		1016.6	49.0	46.0	42.0	9.2		78		2.0		5	5	7	3	5	2	1	1	2
	0300		1001.5	—	1018.7	58.4	52.1	45.1	10.5	—	61	—	2.1	—	3	7	6	6	4	3	1	1	0
	1200		998.6		1015.4	69.3	58.9	49.0	12.4		49		2.3		11	9	2	0	1	2	1	4	1
N.-W.F.P. (UPPER)																							
Drosh	0000	4806	857.8		907.6	40.5	37.3	33.2	6.3		73		3.6		0	0	0	0	0	0	0	0	31
	0300		858.0	−1.1	907.8	39.6	36.7	32.4	6.2	+1.0	75	+10	4.5	+1.0	0	3	3	2	0	0	0	0	23
	1200		855.6		904.3	49.7	42.8	33.5	6.6		54		4.8		0	5	2	3	0	1	0	0	20
Chakdara	0000	2197	938.3		899.6	41.9	39.7	36.7	7.3		82		3.3		9	0	0	0	0	0	0	3	19
	0300		939.3	—	900.5	41.1	39.0	36.3	7.1	—	82	—	3.8	—	6	0	0	2	1	1	1	4	16
	1200		937.5		900.1	58.2	50.0	41.7	8.6		42		4.6		2	2	0	8	6	1	0	2	9
Peshawar	0000	1155	975.7		1018.0	45.4	41.5	35.6	7.2		68		3.4		0	0	0	1	3	21	1	0	5
	0300		976.8	−1.2	1019.2	45.1	41.0	34.5	6.9	+0.5	68	+3	4.2	+0.2	0	0	0	2	4	3	2	0	20
	1200		975.0		1016.0	60.9	52.2	42.9	9.5		52		4.2		0	4	2	2	1	0	0	0	22
Risalpur	0000	993	983.2		x	x	x	x	x		x		2.7		0	0	0	0	0	0	0	0	31
	0300		984.4	—	1021.4	39.7	38.9	37.6	7.7	—	93	—	3.8	—	0	0	0	0	0	0	0	0	31
	1200		982.2		1017.6	59.9	52.4	44.6	10.1		58		4.0		0	1	1	0	0	2	1	0	26
Haripur (Hazara)	0300	1737	958.6	—	902.4	46.8	42.0	36.1	7.2	—	64	—	1.3	—	0	0	31	0	0	0	0	0	0
	1200		957.8		903.2	62.9	52.8	44.1	9.6		49		2.6		0	0	0	0	0	0	28	3	0
Kakul	0000	4214	873.9		904.4	44.7	38.9	30.1	5.8		57		3.0		5	10	2	3	2	1	0	7	1
	0300		874.9	—	905.4	45.4	39.1	29.3	5.6	—	53	—	4.8		5	7	3	6	2	1	0	6	1
	1200		873.6		903.8	51.2	43.5	33.2	6.5		51		4.9		1	1	1	7	8	0	4	5	4
Charat	0000	4272	x																				
	0300		872.5	−0.7	904.9	46.0	40.3	32.1	6.2	+1.2	59	+11	4.2	+1.3	12	0	0	2	2	1	0	12	2
	1200		871.3		903.4	50.1	43.8	35.7	7.2		58		4.4		8	0	0	4	6	2	0	8	3

(x)—Data not available.

(a)—Mean for 30 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER 1955.

SUB-DIVISION AND STATION	Hours of observation.	Height of barcistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm level.	Mean temperature of the air and humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total cloud amount: Mean amount.	Departure from normal.	Wind direction number of observations from:— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	Oktas										
Landikotal	0000	3503	896.2		903.6	40.0	35.3	27.3	5.3		60		3.5		0	1	0	1	0	0	0	3	26
	0300		897.2	—	904 7	41.1	36.1	27.4	5.2	—	59	—	3.6	—	1	1	0	0	0	0	0	5	24
	1200		895.7		902.8	54.5	44.8	31.8	6.2		42		3.9		3	1	0	5	3	4	0	10	5
N.W.F.P. (LOWER)																							
Kohat	0000	1667	(x)																				
	0300		960.7	—	901.8	49.3	42.8	34.0	6.8	—	56	—	4.0	—	0	0	0	1	0	0	1	12	17
	1200		959.0		901.8	61.7	51.0	39.9	8.5		43		3.8		0	1	1	9	2	2	1	1	14
Parachinar	0000	5675	829.1		803.9	38.1	34.2	27.8	5.3		67		2.2		30	0	0	0	0	0	0	0	1
	0300		829.0	—0.2	800.7	38.2	34.0	27.1	5.1	—0.2	66	+3	3.0	0 0	1	0	0	0	0	0	0	0	30
	1200		828.5		803.9	50.3	41.4	30.0	5.7		46		4.1		0	0	0	30	0	0	0	0	1
Miranshah	0000	3026	913.6		904.7	41.4	37.5	31.1	6.1		67		1.8		0	1	0	0	0	1	1	0	28
	0300		912.9		904.2	42.2	37.9	31 5	6.0	+1.3	64	+10	2.5	—0.5	4	3	1	0	0	2	1	2	18
	1200		911.0		902.7	57.2	49.3	40.4	8.8		54		2.4		1	3	15	3	2	1	1	0	5
Bannu	(a) 0000	1263	972.1		1018.3	46.2	43.9	40.5	8.7		82		2.4		0	0	0	0	1	1	5	4	20
	0300		972.9	—	1019.0	46.9	43.7	39.2	8.3	+1.7	75	+15	2.8	+0.6	0	0	0	0	0	0	8	8	15
	1200		971.5		1016.1	62.8	54.5	45.5	10.8		56		3.0		0	1	4	8	4	2	2	0	10
Wana	0300	4503	864.6	—	904.9	37.2	35.1	31.3	6.1	+1.3	80	+10	0.8	—0.8	0	0	0	0	0	0	0	0	31
	1200		863.2		902.2	53.8	45.0	34.2	8.7		47		1.0		0	0	0	0	0	0	0	0	31
D.I. Khan	0000	570	997.3		1018.2	47.1	44.5	41.5	8.9		81		1.1		0	0	0	0	0	0	0	0	31
	0300		997.5	—1.1	1018.4	47.7	44.5	40.1	8.5	+1.1	77	+5	2.2	—0.1	0	0	0	0	0	0	0	0	31
	1200		997.1		1017.3	65.1	57.5	50.9	12.8		61		2.1		0	0	0	0	0	0	0	0	31
AFGHANISTAN																							
Jalalabad (x)	0300	1950																					
	1200																						
Kabul	0300	5955	823.3	—	804.2	32.3	28.3	21.0	3.9	+0.2	62	—8	4.8	+1.0	1	0	0	1	11	11	2	2	3
	1200		821.4		802.8	45.1	36.6	32.2	4 3		43		5.1		3	3	2	1	9	8	2	3	0
Kandhar (x)	0300	3462																					
	1200																						
BALUCHISTAN (NORTH)																							
Fort Sandeman	0300	4614	863.5	+0.8	907.2	40.0	35.2	25.5	4.9	—0.3	58	—15	2.9	+0.3	2	0	1	7	6	2	3	0	10
	1200		861.9		904.2	55.8	43.8	26.4	5.0		33		3.0		2	5	3	0	0	3	2	5	11
Quetta	0000	5909	821.1		801.0	38.6	35.6	31.4	6.1		76		3.2		1	0	2	0	0	6	12	8	2
	0300		822.3	—	802.2	37.6	34.9	30.9	6.1	—	79	—	4.1	—	0	0	0	1	0	11	9	5	4
	1200		820.5		801.0	51.8	45.7	39.5	8.4		64		4.8		0	1	10	0	0	15	3	2	0
Kalat	0000	4699	858.1		904.5	38.1	36.1	32.9	6.4		82		1.8		0	0	0	0	1	3	23	0	4
	0300		859.1	—	905.8	37.2	35.1	32.6	6.1	—	81	—	2.5	—	0	1	0	0	0	1	26	0	3
	1200		857.3		902.1	55.5	51.2	47.3	10.7		72		3.1		1	0	6	11	6	3	1	1	2
Sibi	0000	441	1001.3		1017.7	50 4	48 0	45.3	10.1		82		0.6		0	1	0	0	0	0	0	1	29
	0300		1003.0	+0 8	1019.3	51.7	48.8	45.2	10.5	+4.0	79	+29	2.8	+0.5	1	0	0	0	0	1	0	1	28
	1200		1000.3		1015.9	71.0	60.0	50.2	12.7		49		2.3		1	1	1	6	7	6	2	0	7

(x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER 1955.

Division and Station	Hours of observation.	Mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observation From :— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
BALUCHISTAN (NORTH)																							
Quetta (Sumangli)	0000	5253	843.7		801.7	34.5	32.3	29.4	5.7		82		3.2		0	0	5	5	4	0	3	1	13
	0300		843.7	—	802.7	34.9	32.8	30.0	5.7	—	82	—	4.0	—	0	0	4	7	1	0	1	2	16
	1200		842.1		802.7	35.0	44.1	34.5	6.6		49		4.0		4	0	1	2	3	4	6	7	4
Quetta	0300	5490	835.0	—1.3	801.9	40.1	36.4	31.8	6.1	+1.1	73	0	3.9	+1.2	0	0	0	0	3	1	0	0	27
	1200		833.2		801.1	52.5	44.5	35.9	7.3		54		2.8		2	0	0	0	2	0	0	1	26
Chaman	0000	4311	870.9		904.1	45.7	40.7	33.2	6.7		63		0.4		0	9	10	4	1	0	3	1	0
	0300		871.1	—0.9	904.8	45.5	40.5	32.2	6.4	+0.5	63	+3	4.3	+1.4	0	6	13	5	2	0	0	0	5
	1200		869.8		902.5	57.7	47.1	33.0	7.0		42		4.0		2	3	1	3	6	3	7	4	2
Kalat	0000	6616	800.1		801.7	32.6	30.2	26.4	4.9		76		0.0		0	0	0	0	27	1	2	0	1
	0300		801.3	—	802.9	33.2	30.4	26.3	4.6	+0.7	72	+8	0.6	—1.6	1	0	0	1	25	1	0	1	2
	1200		800.0		801.6	50.6	40.3	24.6	4.9		38		0.4		7	0	0	0	13	3	5	3	0
Nushki	0000	3416	905.3		909.5	54.6	46.3	36.8	7.4		50		0.3		7	2	1	0	1	7	0	13	0
	0300		906.1	—	910.2	55.4	46.1	35.1	6.6	—	44	—	0.5	—	1	8	9	0	1	1	0	5	6
	1200		905.1		908.8	65.4	48.1	25.4	5.0		24		0.8		3	3	0	0	2	7	6	9	1
Dalbandin	0000	2785	920.5		903.4	44.2	40.0	33.7	6.9		69		2.8		0	10	1	1	0	1	0	2	16
	0300		921.3	—1.0	904.4	43.5	39.6	33.7	6.5	—0.1	69	0	3.4	+1.1	2	11	0	1	0	1	0	0	16
	1200		919.1		902.9	67.7	51.7	36.3	6.8		29		3.9		0	1	6	4	3	8	0	0	9
Nokkundi	0000	2229	938.1		902.3	47.9	40.6	28.6	5.6		49		0.0		6	3	2	1	0	0	0	11	8
	0300		939.7	—	903.7	49.6	42.5	31.6	6.6	+0.7	54	0	0.4	—2.3	3	7	4	0	0	0	0	4	13
	1200		937.3		902.5	68.8	54.9	39.3	9.1		38		0.2		3	0	5	7	1	2	0	4	9
BALUCHISTAN (SOUTH)																							
Panjgur	0000	3177	907.0		903.4	43.3	38.5	30.4	5.8		61		0.4		1	11	0	0	0	1	0	1	17
	0300		908.2	—0.6	904.2	44.2	38.0	26.8	5.4	—1.2	55	—8	0.8	—1.4	1	18	1	0	0	0	0	0	11
	1200		905.8		902.3	66.4	51.0	31.9	6.3		29		0.9		6	3	0	0	0	13	3	0	6
Turbat	0000	510	998.9	—	1017.1	57.9	53.2	47.4	12.0	—	73	—	0.7	—	0	4	4	15	0	1	0	0	7
	0300		999.5		1017.7	59.8	54.3	47.6	12.0		68		0.7		0	5	3	7	0	2	2	0	12
	1200		996.7		1014.1	80.0	63.3	49.8	12.6		36		2.0		0	4	0	1	0	13	4	6	3
Jivani	0000	185	1008.5		1014.5	65.2	60.2	55.9	15.4		73		0.9		5	2	0	0	1	1	0	7	15
	0300		1009.9	—	1015.9	63.7	59.2	54.5	15.3	—	75	—	2.8	—	8	4	0	0	1	1	3	4	10
	1200		1009.9		1013.9	76.2	64.2	54.4	15.0		49		3.1		0	1	2	5	5	4	12	2	0
Pasni	0000	28	1008.5		1014.8	61.4	56.2	50.9	13.1		71		0.0		6	0	0	1	1	0	0	10	13
	0300		1009.9	—1.8	1016.0	61.9	55.3	48.5	12.1	—2.0	64	+11	0.3	—1.5	3	3	1	1	0	0	1	21	1
	1200		1007.9		1013.8	76.5	65.1	57.1	16.3		51		0.5		1	0	0	13	6	10	0	1	4
Ormara	0000	15	1013.9		1014.4	63.2	62.8	62.6	19.1		97		0.7		0	0	0	0	1	1	2	1	26
	0300		1015.6	—	1016.1	63.7	63.2	63.1	19.8	+4.8	97	+20	0.3	—1.3	0	0	1	2	2	1	1	0	26
	1200		1013.1		1013.6	75.5	72.2	70.5	24.8		83		1.3		0	0	4	5	5	8	8	0	
Lasbela	0000		1005.0		1025.7	53.8	64.4	36.5	7.4		52		0.5		2	0	1	1	0	0	0	0	25
	0300	13	1006.2	—1.2	1016.9	55.6	47.6	37.4	7.9	—3.1	51	—10	1.5	+0.2	4	0	5	4	2	1	3	4	
	1200		1003.2		1013.3	81.1	63.3	48.6	12.1		34		1.9		0	0	1	4	12	8	1	1	

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1955.

Division and Station	Hours of observation	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0.5km level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Direction Number of Observations From:— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SIND (LOWER)	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb	%	%	oktas										
Karachi (Manora)	0000	13	1015.2		1015.7	63.2	57.7	52.9	13.7		69		1.8		5	22	0	0	0	0	0	0	4
	0300		1016.3	—1.2	1016.8	64.2	58.5	53.7	14.3	+2.4	70	+8	2.1	+0.3	1	25	3	0	0	0	0	0	2
	1200		1013.7		1014.2	76.7	64.0	63.4	21.2		65		2.2		2	5	1	4	4	6	4	5	0
Karachi (Airport)	0000	73	1012.5	—	1015.3	57.4	52.7	47.5	11.5	—	72	—	1.3	—	7	5	1	1	0	0	0	0	17
	0300		1014.4		1017.1	57.8	52.9	47.6	11.5		70		2.4		7	6	0	0	0	0	0	0	18
	1200		1011.5		1014.2	77.4	62.5	49.5	12.2		39		2.5		3	4	4	2	2	5	6	3	2
Badin	0000	31	1014.4		1015.5	55.4	53.2	51.3	12.9		87		0.6		14	3	0	0	0	0	0	0	14
	0300		1016.2	—0.3	1017.2	55.7	54.0	52.9	13.4	+3.4	87		1.1	—0.2	15	6	0	0	0	1	0	0	14
	1200		1013.6		1014.7	79.4	71.4	66.6	22.7		66	+26	0.4		13	1	0	0	3	0	0	1	8
Chhor	0000	19	1014.1		1014.8	49.1	46.1	42.6	9.2		78		0.9		2	1	1	0	1	1	0	1	24
	0300		1016.0	—	1016.7	53.3	47.8	41.7	8.7	—	64		1.9	—	0	2	0	0	0	2	1	1	25
	1200	55	1013.2		1013.9	77.2	61.7	48.4	11.7		37	—	1.1		1	2	0	0	0	4	1	0	23
Umarkot	0000		1012.6		1014.6	52.1	48.4	43.8	10.1		76		0.8		4	6	1	1	0	0	0	0	19
	0300		1014.4	—	1016.4	54.3	49.9	44.8	10.1	—	70		1.0	—	5	4	2	1	1	0	0	0	18
	1200		1011.5		1013.5	78.1	62.5	49.5	12.3		38	—	0.9		6	2	1	0	1	0	2	9	10
Hyderabad	0000	98	1012.1		1015.7	57.4	52.6	47.7	11.0		69		1.3		20	0	0	0	0	0	0	0	11
	0300		1013.7	—1.1	1017.3	57.0	52.5	47.8	11.5	+2.4	72		1.9	—0.5	13	0	0	0	0	0	0	0	18
	1200		1011.0		1014.5	76.4	61.0	47.5	11.0		36	+14	2.1		15	1	0	0	0	2	1	0	12
SIND (UPPER)																							
Padidan	0000	153	1010.7		1016.4	49.9	47.3	45.9	10.1		82		0.9		2	0	0	0	0	0	0	1	28
	0300		1012.5	—	1018.2	50.5	48.5	46.3	10.9	—	86		1.5	—	2	0	0	0	0	1	0	1	27
	1200		1009.6		1015.0	73.8	59.7	46.7	11.4		40		1.7		4	1	0	1	0	0	0	0	25
Nawab Shah	0800	124	1012.1		1016.8	50.3	48.4	46.2	10.5		85		1.1		2	1	0	0	1	0	0	1	26
	0300		1014.2	—	1018.9	51.2	49.3	46.9	10.9	—	86		2.3	—	6	0	0	0	0	0	0	2	23
	1200		1011.4		1015.9	74.0	61.6	51.6	13.0		45	—	2.3		8	2	0	0	1	1	0	2	17
Sukkur	0300	221	1009.7	—0.7	1017.8	55.0	52.3	49.3	11.9	+2.7	80		3.5	+2.2	1	7	6	8	1	0	1	0	7
	1200		1007.3		1015.0	71.5	61.0	52.2	13.3		51	+15	3.3		6	9	1	1	0	1	6	4	3
Reti	0000	280	1007.2		1017.3	48.8	45.5	41.0	8.8		74		0.3		1	0	0	0	1	0	0	1	28
	0300		1008.7	—	1018.9	52.8	49.3	46.0	10.5	—	76		0.3	—	2	8	0	1	0	0	0	1	19
	1200		1005.6		1015.4	73.0	60.8	49.9	12.9		47	—	0.0		1	4	0	0	1	2	2	3	18
Jacobabad	0000	183	1009.6		1016.4	54.6	50.9	47.0	11.4		77		1.4		2	2	3	3	0	1	1	3	16
	0300		1011.3	—0.9	1018.2	54.0	50.4	47.0	10.9	+2.2	77		3.0	+1.4	4	1	4	3	1	0	1	7	10
	1200		1008.7		1015.2	73.3	61.0	50.9	12.4		45	+9	2.4		7	2	1	7	1	2	2	8	1
JUNAGADH																							
Veraval	0000	26	—	—	1013.4 (b)	62.0 (d)	54.0 (d)	45.7 (d)	10.7 (d)	—	56 (d)	—	0.0 (d)	—	13	11	0	1	0 (b)	0	1	0	3
	0300		—		1015.1 (c)	65.1 (c)	55.0 (c)	44.9 (c)	10.3 (c)		49 (c)		0.2 (c)		5	17	1	0	0 (d)	0	1	1	2
	1200		—		1012.2	78.6	69.0	62.5	19.7		58		0.3 (b)		3	1	2	3	5 (c)	3	9	2	0
ARABIA																							
Muscat	0300	20	1015.8	—	1016.3	70.6	64.4	60.3	18.4	—	73	—	2.7	+0.5	0	0	2	2	0 (b)	1	5	6	13
	1200		1014.0		1014.5	75.5	67.2	61.4	18.4		63		2.2		2	4	7	6	0	0	0	9	3
Kuwait (xx)	0300	16																					
	1200																						

(b)—Mean for 29 days. (c) Mean for 28 days. (d)Mean for 27 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF DECEMBER, 1955.

Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date	Days with 0.10 inch or more.	Departure from normal	Mean.	Departure from normal.	Thunder heard.	Hail.	Visibility Code Figure 93 or less: Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (East)																					
Cox's Bazar	80.7	+1.0	89	1	58.1	—0.6	53	26,29	0.02	—0.96	0.02	17	0	—0.6	0.9	—0.3	0	0	0	0	0
Chittagong	79.0	0.0	86	1	56.6	—0.6	50	26	0.00	—0.64	0.00	0	0	—0.7	2.6	—0.5	0	0	0	0	0
Noakhali (Majdee)	78.3	—0.2	85	1	56.4	—3.3	51	26,27	0.00	—0.28	0.00	0	0	—0.4	x		0	0	4	0	0
Comilla	79.7	+0.5	86	1	54.9	+0.1	49	26	0.00	—0.30	0.00	0	0	—0.4	0.9	—1.0	0	0	20	0	0
Brahmanbaria	78.2	—1.6	84	1,2	57.0	+1.6	50	26	0.00	—0.31	0.00	0	0	—0.5	1.1		0	0	1	0	0
Srimangal	78.1	—2.3	85	1	48.7	—0.8	41	26	0.00	—0.25	0.00	0	0	—0.5	0.1	—1.0	0	0	0	0	0
Mymensingh	77.3	—0.4	83	1,3	55.6	—0.2	49	27	0.00	—0.09	0.00	0	0	—0.3	0.8	+0.3	0	0	0	0	0
Narayanganj	79.5	+1.0	84	4 days	57.3	—0.2	50	26	0.00	—0.20	0.00	0	0	—0.4	0.9	—0.2	0	0	0	0	0
Dacca (Tejgaon)	77.3	—	83	2	53.3	—	45	26	0.00	—	0.00	0	0	-	1.4	—	0	0	13	0	0
EAST PAKISTAN (Deltaic)																					
Faridpur	76.0	—0.4	82	4	54.7	—0.2	47	26	0.00	—0.15	0.00	0	0	—0.3	1.9	+0.6	0	0	25	0	0
Barisal	78.5	+0.4	86	1	58.6	+2.0	52	27	0.00	—0.25	0.00	0	0	—0.5	x		0	0	2	0	0
Khulna	80.2	+1.5	84	1,2,3	58.0	+0.7	50	26	0.00	—0.19	0.00	0	0	—0.3	1.2	—0.5	0	0	0	0	0
Satkhira	78.6	—2.0	84	1,2	54.6	+0.2	48	26	0.00	—0.17	0.00	0	0	—0.3	0.4	—0.5	0	0	0	0	0
Jessore	78.3	—0.6	84	1,3	51.7	+0.2	44	26	0.00	—0.18	0.00	0	0	—0.4	1.6	+0.7	0	0	0	0	0
EAST PAKISTAN (North)																					
Pabna	80.0	+0.2	87	10 days	50.8	—3.4	46	4,30	x	—	x	x	x	—	x		0	0	0	0	
Sirajganj	78.5	—	85	1,2	55.7		48	26	0.00	—0.09	0.00	0	0	—0.3	1.0		0	0	1	0	
Rajshahi									0.00	—0.11	0.00	0	0	—0.2			0	0	0	0	
Bogra	77.9	+1.2	83	1	55.0	+0.5	47	25	0.00	—0.09	0.00	0	0	—0.2	1.4	+0.5	0	0	0	0	
Dinajpur	78.5	+1.4	85	1	57.3	—0.7	43	25	0.00	—0.05	0.00	0	0	—0.1	1.0	—1.0	0	0	2	0	
Rangpur									0.00	—0.08	0.00	0	0	—0.2			0	0	1	0	
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)	44.8	+4.2	52	9	24.4	+2.6	15	27,28	0.07	—0.31	0.05	15	0	—1.4	1.5	+0.5	0	9	0	0	
Misgar	*	—	—	—	16.8	—	4	25	0.18	—	0.05	8,15,29	0	—	1.8	—	0	0	0	0	
Gilgit (x)	52.5	+2.6	62	8	37.3	+3.5	31	29	0.14	+0.03	0.06	15	0	—0.3	0.2	—0.2	0	0	0	0	
Jammu (x)																					
PUNJAB (North)																					
Lahore (Jail Rd.)	70.4	—1.9	8	1,8,11	45.1	+4.5	37	26,27	0.23	—0.25	0.16	15	1	0.0	1.2	+0.4	0	0	0	0	
Lahore Cantt.	69.6	—	78	1	46.8	—	35	26	0.20	—	0.20	15	1	—	1.5	—	0	0	3	0	
Lahore (Walton)	70.7	—	78	2	(e) 44.1	—	36	25,27,28	0.11	—	0.11	15	1	—	2.5	—	0	0	0	0	
Sialkot	*	—	—	—	*	—	—	—	1.06	+0.34	0.58	22	3	+1.7	1.1	+0.4	0	0	0	0	
Jhelum	68.9	—	80	1	42.1	—	36	25,27	0.86	—	0.51	15	2	—	1.4	—	0	0	1	0	
Chaklala	65.9	—	77	1	39.2	—	32	24,27	0.73	—	0.37	22	3	—	2.8	—	0	0	3	0	
Rawalpindi	73.0	+3.2	76	12	37.8	0.0	33	25	0.79	—0.45	0.34	15	3	—0.7	0.8	—0.4	0	0	0	0	

(x)—Data not available.

(e)—Mean for 26 days.

(a)—Mean for 30 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF DECEMBER, 1955.

DIVISION AND STATION	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PUNJAB (North)																					
Murree	48.4	−2.3	58	4 days	35.8	+0.9	25	31	2.58	+0.78	0.78	13	7	+3.8	6.0	+1.6	1	3	6	0	0
Campbellpur (R)	*	—	—	—	*	—	—	—	0.56	—	0.22	17	1	—	*	—	0	0	0	0	0
Khushab	68.9	−2.8	80	1	43.7	+2.2	35	26	0.56	+0.13	0.28	15,22	2	+1.1	1.8	−0.1	0	0	0	0	0
Sargodha (x)																					
Lyallpur	70.6	−0.1	80	1,2	45.2	+3.0	36	28,29	0.00	−0.25	0.00	—	0	−0.8	1.2	0.0	0	0	4	0	0
PUNJAB (South)																					
Leiah (x)																					
Montgomery	71.9	−0.1	81	1	46.9	+3.8	38	24	0.01	−0.25	0.01	15	0	−0.8	1.1	−0.5	0	0	0	0	0
Multan	71.6	−0.1	80	2,12	46.9	+3.5	39	24	0.05	−0.19	0.05	21	0	−0.7	1.3	+0.4	0	0	1	0	0
Khanpur (P.B.O.)	73.7	—	82	5,12	45.8	—	38	4 days	0.04	—	0.04	15	0	—	2.8	—	0	0	2	0	0
Khanpur (S)	76.2	0.0	83	5 days	48.9	+4.9	40	24	0.02	−0.11	0.02	21	0	−0.5	2.4	−0.8	0	0	3	0	0
Bahawalpur	73.9	−0.1	83	13	48.1	+4.5	37	26	x	—	x	—	x	—	0.1	−1.5	0	0	0	0	0
Fort Abbas	75.5	—	84	8	44.3	—	35	25,26	0.07	—	0.07	17	0	—	3.8	—	0	0	0	0	0
N.W.F.P. (Upper)																					
Drosh	55.0	+4.5	70	1,3	38.3	+2.7	34	22,23,24	1.02	−0.18	0.40	15	3	−0.2	2.6	+0.8	0	0	0	0	0
Chakdara	61.2	—	72	11	38.5	—	33	25,29	1.38	—	0.35	16,17	5	—	0.9	—	0	0	1	0	0
Peshawar	65.	−1.0	77	11	41.7	+0.8	35	20	0.04	−0.63	0.03	14	0	−1.6	1.7	+0.6	1	0	1	0	0
Risalpur	67.3	—	80	1	36.3	—	30	4 days	0.22	—	0.14	15	1	—	0.3	—	0	0	5	0	0
Haripur (Hazara)	*	—	—	—	*	—	—	—	0.73	—	0.22	14	3	—	3.3	—	0	0	0	0	0
Kakul	58.0	—	70	1,2	42.3	—	34	23,31	1.92	—	0.51	31	5	—	x	—	2	0	0	0	0
Cherat	57.1	+3.3	69	1,11	42.4	0.0	32	28	0.39	−1.17	0.12	14	1	−1.2	5.8	−2.7	0	0	6	0	0
Landikotal	58.3	—	68	1	36.0	—	26	24	0.04	—	0.04	14	0	—	1.2	—	0	0	0	0	0
N.W.F.P. (Lower)																					
Kohat	67.9	—	78	2,11	46.2	—	40	28	0.41	—	0.23	14	1	—	2.6	—	1	0	0	0	0
Parachinar	56.6	+1.8	69	1	34.9	+2.4	26	22,23	1.30	+0.07	0.80	14	3	+0.1	1.7	0.0	0	0	0	0	0
Hangu (R)	62.8	−1.2	74	12	38.7	−0.4	32	23,24	1.58	+0.83	0.67	21	4	+2.2	1.3	−1.3	0	0	0	0	0
Bannu	67.6	−2.5	76	1	43.8	+1.7	37	4 days	0.92	+0.52	0.40	14	3	+1.5	1.0	—	0	0	1	0	1
Tank	58.5	−1.4	70	1,5,6	3.20	+2.5	27	23,26,28	4.62	+3.92	3.50	14	3	+1.2	0.2	—	0	1	0	0	0
D. I. Khan	70.0	−1.5	81	1	46.2	+5.0	38	26	0.92	+0.68	0.58	21	2	+1.3	0.1	−0.5	0	0	0	0	1
AFGHANISTAN																					
Jalalabad (x)																					
Kabul	48.7	+1.1	64	1,3	29.8	+3.1	20	31	1.40	+0.83	0.74	14	4	+2.4	6.3	+4.1	0	0	0	0	0
Kandahar (x)																					
BALUCHISTAN (North)																					
Quetta	61.4	+1.5	76	3	38.7	+5.3	31	28	1.52	+0.95	0.47	14	4	+3.8	2.0	+0.8	0	0	1	0	0
Nushki	56.8	—	72	4	33.9	—	24	329	1.73	—	0.74	14	6	—	5.0	—	0	0	0	0	0
... ...	59.3	—	72	1,2	34.1	—	28	days	1.76	+1.26	1.02	14	3	+1.5	2.8	—	0	0	0	0	0
... ...	74.3	−0.6	84	11	48.4	+2.9	40	24	1.11	+0.81	0.70	14	3	+2.3	1.0	−0.5	0	0	0	0	0
... ...									0.00	−0.77	0.00	—	0	−1.4							

(*) — Data rejected.
(R) — Register not received.

(x) — Data not available.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION WIND, VELOCITY AND WEATHER DURING THE MONTH OF DECEMBER, 1955

Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard	Hail.	Visibility Code Figure 5 or less: Fog.	Haze (dust).	Smoke.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN (North)																					
Quetta (Samungli)	56.1	—	67.0	2	30.5	—	20	4	1.45	—	0.79	14	3	—	4.5	—	0	0	0	0	
Quetta	54.9		70.0	2	33.7	—	23	2,4	1.70	—	1.00	14	5	—	3.8	+2.1	0	0	1	0	
Chaman	61.1	+4.1	73.0	2	41.2	+4.4	34	3 days	2.42	+1.07	1.10	14	5	+1.8	4.2	+0.7	0	0	0	0	
Kalat	55.3	0.0	72.0	1	29.3	+3.2	16	22	0.50	—0.44	0.30	14	2	—0.2	5.1	+1.7	0	0	0	0	
Nushki	67.4	—	6.2	2	47.4	—	39	23	1.29	—	1.16	14	2	—	5.8	—	0	0	0	0	
Dalbandin	63.2	+3.0	79.0	2	39.3	+4.3	30	4,24	1.30	+0.62	0.76	14	2	+0.2	2.6	+0.2	0	0	0	0	
Nokkundi	71.6	+0.7	81.0	3	45.6	+2.2	32	23	0.48	+0.34	0.46	13	1	+0.7	2.9	—1.3	0	0	0	0	
BALUCHISTAN (South)																					
Panjgur	68.4	+1.9	76	3,4	37.7	—2.1	29	23	0.61	+0.46	0.46	14	2	+0.6	2.1	—2.0	0	0	0	0	
Turbat	82.8	—	90	3	55.5	—	45	25,26	1.25	—	1.05	14	2	—	x	—	1	0	0	0	
Jwnani	78.3	—	82	3 days	60.6	—	53	26	0.18	—	0.18	13	1	—	x	—	0	0	0	0	
Pasni	79.2	+1.3	86	2	58.7	+2.1	50	25	0.50	—0.34	0.47	14	1	—0.5	6.5	+2.1	0	0	1	0	
Ormara	77.4	0.0	83	3	60.6	+1.7	53	3 days	1.97	+1.33	1.50	14	3	+1.8	2.8	—0.9	0	0	0	0	
Lasbela	84.6	+1.3	91	1	50.8	+1.8	40	24	0.00	—0.56	0.00	—	0	—0.7	1.5	0.0	0	0	0	0	
SIND (Lower)																					
Karachi (Manora)	80.7	+2.0	86	13	61.6	+1.5	56	5 days	0.77	+0.57	0.77	22	1	+0.5	x	—	0	0	0	0	
Karachi (Airport)	80.8	—	89	8	54.6	—	45	24	0.13	—	0.13	25	1	—	3.0	—	0	0	0	0	
Badin	83.9	+3.4	94	6	53.0	+1.2	40	25	0.00	—0.15	0.00	—	0	—0.4	2.5	—	0	0	0	0	
Umerkot	78.8	—	87	14	49.1	—	38	26	0.00	—	0.00	—	0	—	2.0	—	0	0	0	0	
Chhor	81.0	—	88	3	46.1	—	32	26	0.00	—	0.00	1	0	—	1.3	—	0	0	0	0	
Hyderabad	79.8	+1.2	88	10,11	54.4	+1.8	45	3 days	0.00	—0.10	0.00	—	0	—0.3	3.3	—0.2	0	0	0	0	
SIND (Upper)																					
Padidan	77.0	—	85	10,13	46.5	—	37	24,26	0.00	—	0.00	—	0	—	1.0	—	0	0	0	0	
Nawabshah	77.0	+3.4	85	12	x	—	x	—	0.00	—	0.00	—	0	—	b 2.3	—	0	0	0	0	
Sukkur	75.6	+0.3	87	13	52.3	+3.6	44	26	0.00	—0.03	0.00	—	0	—0.2	2.2	0.0	0	0	0	0	
Jacobabad	75.6	+1.2	83	13	51.3	+4.8	43	24,26	0.00	—0.17	0.00	—	0	—0.5	2.6	+0.6	0	0	0	0	
Reti	76.7	—	86	11	44.5	—	35	23	0.00	—	0.00	—	0	—	1.9	—	0	0	0	0	
Veraval	c 84.4	—	c 84	5	d 59.4	—	52	28	0.00	—	0.00	—	0	—	x	—	0	0	0	0	
IRAN																					
Jask																					
ARABIA																					
Muscat	77.5	—0.6	84	2	68.6	—0.1	62	26	0.54	—0.16	0.49	14	1	—0.6	d 4.2	+1.1	0	0	0		
Kuwait (x)																					

(b)—Data for 29 days.

(c)—Data for 28 days.
(x)—Data not available.

(d)—Data for 27 days.
(n)—Data for 17 days.

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PAKISTAN WEATHER REVIEW, 1955

ANNUAL SUMMARY

INTRODUCTION

CONTENTS

	Pages
Introduction	(i) to (iv)

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Director,

Pakistan Meteorological Service.

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PAKISTAN WEATHER REVIEW, 1955

CONTENTS

	PAGES
INTRODUCTION	(i)—(iv)
MONTHLY WEATHER REPORTS—	
January to December 1955	1—13 of each month
ANNUAL SUMMARY—	
Part A—SUMMARY OF WEATHER WITH TABLES—	
Weather and Rainfall of the year 1955	A1
Table I —Divisional and sub-Divisional means	A3
Tables II—IIIA —Abstract of observations at individual Stations	A4
Tables IV—V —Sunshine and Nocturnal radiation	A63
Table VI —Hourly and extreme pressure	A69
Table VII —Hourly and extreme dry bulb temperature	A80
Table VIII —Hourly and extreme relative humidity...	A84
Tables IX—IXB—Hourly rainfall and frequencies of rainfall	A88
Table X —Hourly and extreme wind velocities	A96
Tables XI—XIV—Divisional and sub-Divisional means of rainfall and number of rainy days	A100
Table XV —Days of rainfall 10 inches and above	A110
Maps showing sub-Divisional monthly rainfall totals expressed as percentage of the normal and mean monthly pressure anomalies (in millibars), Map showing sub-Divisional rainfall totals expressed as percentage of the normal for different periods of the year 1955.	A111
Part B—SNOWFALL—	
Cold Weather Period	B1
Hot Weather Period	B2
Southwest Monsoon period	B3
Post-Monsoon Period	B3
Summary	B5
Part C—STORMS AND DEPRESSIONS—	
Storms and Depressions	C1
Western Disturbances	C3
Local Storms	C7
Map showing Tracks of Storms and Depressions during 1955	C8
Part D—FLOODS	
Floods in West Pakistan	D1
Floods in East Pakistan	D2

PAKISTAN WEATHER REVIEW
1955

Introduction

The Pakistan Weather Review is composed of twelve Monthly Weather Reports of the Year and Annual Summary.

MONTHLY WEATHER REPORT

Each Monthly Weather Report gives a short account of the Weather of the month and three tables as below:—

Table I —Divisional and sub-Divisional means.

Table II —Abstract of observations recorded at fixed hours.

Table III —Summary of observations of temperature, precipitation, wind velocity and weather.

ANNUAL SUMMARY

It consists of the following five parts:

Introduction: It includes an alphabetical list and the co-ordinates of stations whose data are included in the Review.

Part-A.—This part contains a general description of the Weather of the year, and the annual tables corresponding to the monthly tables in the Monthly Weather Reports, for 00, 03 and 12 hours G.M.T. The monthly means of some stations for these hours which were not published in the Monthly Weather Reports are also included in this volume. The monthly and annual values for 06, 09, 15, 18 and 21 hours G.M.T. observations, where available, are also included. It also includes the hourly data of pressure, temperature, humidity, duration of bright sunshine, wind velocity and rainfall for stations equipped with autographic instruments. Three maps A1, A2 and A3 showing the monthly and seasonal distribution of rainfall and the monthly departures from normal of pressure are also given at the end.

Part-B.—This part gives a summary of the snowfall reports pertaining to the mountainous areas of the northwest region.

Part-C.—This part contains a description of all the cyclonic storms and depressions of the year, besides chronological notes on the western disturbances and the local storms and a chart of the storm tracks.

Part-D.—This part gives a detailed account of the floods and damages caused by them.

Observing Stations: The following notes concerning the observing stations, the instruments in use and their conditions of exposures, the methods of observations and reduction and grouping of results may be of interest to the users of this volume.

An alphabetical list of stations, the data of which are included in the Monthly Weather Reports and in Tables I to VI of the Annual Summary, Part A, is given in the table below. The class to which the stations belong, their geographical co-ordinates (ϕ, λ), the heights of the barometer cistern (Hb) above M.S.L. and of the anemometer above the ground (Ha) are also given against each station.

The scheme of classification of observing stations adopted in this Department is as follows:—

Class I—Stations taking three or more sets of observations per day at fixed times and having autographic instruments.

Class II—Stations taking two or three sets of observations per day.

Class III—Stations taking one set of observations per day.

Class IV—Stations not equipped with barometer but taking either two or one set of all the remaining observations per day.

Class V—Stations taking instrumental observations of daily rainfall only.

The three hours of observations adopted at stations in Pakistan from March 1949 are 0000 G.M.T. (Hr. I), 0300 G.M.T. (Hr. II) and 1200 G.M.T. (Hr. III). At stations where a single observation is recorded, *viz.*, at class III, IV and V, the observations are recorded at 0300 G.M.T. (Hr. II) only. G.M.T. is 5 hours behind W.P.S.T. and 6 hours behind E.P.S.T.

At all observing stations of the Department, 4 feet above ground level has been adopted as the standard height for the bottom of the Stevenson Screen so that the bulbs of the dry and wet bulb thermometers are at a height of 4¼' to 4½' feet above ground. A standard height of 1 foot above ground has been adopted for the rim of the rainguage. As the wind vane is generally fixed at about the same height as the anemometer, its height has not been separately given.

ALPHABETICAL LIST OF STATIONS

Station	Class	Latitude (Φ) N		Longitude (λ) E		Hb ft.	Ha ft.
		Deg.	Mnts.	Deg.	Mnts.		
Badin ...	II	24	38	68	54	31	24
Bahawalpur ...	II	29	23	71	41	384	45
Bannu ...	II	33	00	70	36	1263	47
Barisal ...	II	22	42	90	22	11	35
Bogra ...	II	24	51	89	23	63	30
Brahamanbaria	II	23	59	91	07	32	36
Campbellpur ...	II	33	46	72	22	1175	23
Chakdara ...	II	34	39	72	02	2225	8
Chaklala ...	I	33	37	73	06	1667	43
Chaman ...	II	30	56	66	27	4311	20
Cherat ...	II	33	49	71	53	4272	83
Chhor ...	II	25	31	69	47	19	7
Chittagong (Surface) ...	II	22	21	91	50	87	27
Chittagong (P.B.O.) ...	I	22	16	91	49	19	—
Comilla ...	II	23	28	91	11	29	30

Station	Class	Latitude (Φ) N Deg.	Mnts.	Longitude (λ) E Deg.	Mnts.	Hb ft.	Ha ft.
Cox's Bazar ... (Surface)	II	21	26	91	59	38	23
Cox's Bazar ... (P.B.O.)	II	21	26	91	58	10	23
Dacca (Tejgaon)	I	23	46	90	23	27	36
Dalbandin ... (P.B.O.)	II	28	53	64	21	2785	22
D.I. Khan ...	II	31	49	70	55	570	22
Dinajpur ...	II	25	38	88	41	123	37
Dras ...	—	34	26	75	46	10059	—
Drosh (P.B.O.) ...	II	35	34	71	47	4806	9
Faridpur ...	II	23	37	89	51	46	43
Fort Sandeman ... (Surface)	II	31	21	69	27	4614	22
Fort Sandeman (P.B.O.)	II	31	21	69	27	4615	20
Fort Abbas ...	II	29	10	72	50	475	29
Gilgit (Surface)	—	35	55	74	23	4890	—
Gulmarg ...	—	34	03	74	24	8709	—
Gurez ...	—	34	40	74	50	—	—
Haripur (Hazara)	II	33	59	72	55	1757	45
Harnai ...	V	30	06	67	56	—	—
Hindu Bagh ...	II	30	45	67	52	5909	33
Hyderabad ...	II	25	23	68	25	98	28
Jacobabad ... (P.B.O.)	II	28	18	68	28	183	28
Jalalabad ...	II	34	26	70	27	1950	23
Jammu ...	—	32	44	74	55	1200	—
Jessore ...	II	23	10	89	13	26	39
Jhelum (P.B.O.)	II	32	56	73	44	765	23
Jiwani (P.B.O.)	II	25	04	61	48	185	21
Kabul ...	II	34	30	69	08	5955	22
Kakul ...	I	34	11	73	15	4214	49
Kalat ...	II	29	02	66	35	6616	23
Kandahar ...	II	31	36	65	40	3462	25
Karachi (Airport)	I	24	55	67	09	73	23
Karachi (Manora)	II	24	48	66	59	13	39
Karachi ... (Drigh Road)	II	24	53	67	07	24	35
Kargil ...	—	34	34	76	08	8790	—
Khanpur (P.B.O.)	II	28	39	70	41	297	17
Khanpur ... (Surface)	II	28	39	70	41	290	17
Khulna ...	II	22	49	89	34	16	40
Khushab ...	II	32	18	72	21	616	22
Kohat ...	II	33	34	70	26	1667	38
Lahore (Cantt.)...	I	31	31	74	24	709	33
Lahore (PBO) ...	I	31	33	74	20	702	37
Lahore (Walton)	II	31	30	74	21	699	32
Landi Kotal ...	II	34	06	71	08	3505	29
Las Bela ...	II	26	14	66	19	292	23
Leh ...	—	34	09	77	34	11529	—
Leiah ...	II	30	59	70	58	490	31
Loralai ...	II	30	24	68	36	4699	23
Lyallpur ...	II	31	26	73	04	605	44
Maijdee Court ... (Noakhali)	II	22	52	91	06	22	—
Miranshah ...	II	32	59	70	07	3026	38
Misgar ...	II	30	47	74	46	10190	21
Montgomery ...	II	30	40	73	06	558	27
Multan (Surface)	II	30	12	71	28	413	50
Multan (P.B.O.)	II	30	12	71	26	404	6
Murree ...	II	33	54	73	24	7113	88
Muscat ...	II	23	45	58	35	20	4
Mymensingh ...	II	24	46	90	24	62	25
Nagarparkar ...	V	24	22	70	45	—	—
Narayanganj ...	II	23	37	90	30	26	26
Nawabshah ...	II	26	15	68	22	120	15
Nokkundi ...	II	28	49	62	45	2229	11
Nushki ...	II	29	34	66	01	3416	21
Ormara ...	II	25	13	64	37	15	7
Pabna ...	IV	24	01	89	14	40	—
Pad Idan ...	II	26	51	68	08	153	24
Parachinar ...	II	33	52	70	05	5673	27
Pasni ...	II	25	16	63	29	28	21
Peshawar (PBO)	I	34	01	71	35	1177	41
Panjgur ...	II	26	58	64	06	3177	21
Quetta (Surface)	II	30	11	67	00	5490	18
Quetta (Samungli)	I	30	15	66	53	5253	7
Rajshahi ...	V	24	22	88	35	—	—
Rangpur ...	IV	25	45	89	15	—	—
Rawalpindi ...	II	33	35	73	03	1676	30
Reti ...	II	28	01	69	54	280	25
Risalpur ...	II	34	04	71	59	1047	13
Sargodha (PBO)	I	32	04	72	43	614	22
Satkhira ...	II	22	43	89	05	16	25
Sialkot ...	II	32	30	74	32	830	29
Sibi ...	II	29	33	67	53	441	23
Sirajganj ...	II	24	27	89	45	49	31
Srimangal ...	II	24	19	91	44	69	40
Srinagar ...	—	34	05	74	50	5205	—
Sonamarg ...	—	34	19	75	19	—	—
Sukkur ...	II	27	42	63	54	221	39
Turbat ...	II	25	59	63	04	510	22
Umerkot ...	II	25	22	69	45	55	22
Veraval ...	II	20	55	70	22	26	34
Wana ...	II	32	17	69	34	4456	22

Territorial Divisions.—The system of territorial Divisions according to which the observatories are grouped is given below. The number of observatories in each of the sub-Divisions is given in brackets against the sub-Divisions.

Chief Political Divisions	*Sub-Divisions*	
1. East Pakistan ...	East Pakistan (North)	(6)
	East Pakistan (East)	(9)
	East Pakistan (Deltaic)	(5)
2. Kashmir ...	Kashmir	(11)
3. Punjab ...	Punjab (North)	(12)
	Punjab (South)	(7)
4. N.W.F.P. ...	N.W.F.P. (North)	(8)
	N.W.F.P. (South)	(6)
5. Baluchistan ...	Baluchistan (North)	(12)
	Baluchistan (South)	(6)
6. Sind ...	Sind (Upper)	(5)
	Sind (Lower)	(7)
7. Junagadh ...	Junagadh	(1)
8. Extra Territorial ...	—	(4)

Barometric Pressure.—A national standard barometer is being maintained at Karachi, for the purpose of standardising barometers before they are issued to any land station or to a ship. Standard barometers are also maintained at the Regional Centres. These working standards are all corrected with respect to the "National Standard". The correction of all the barometers issued by this Department is therefore ultimately based on this 'National Standard' which has been linked with N.P.L. Standard Barometer at Teddington, U.K. and RA-II Standard at Alipore, Calcutta.

The heights above mean sea level of barometer cistern (Hb) in feet are given in all tables of pressure as well as in the alphabetical list of stations. Heights of most stations have been obtained accurately with reference to the nearest bench mark. Heights of a few stations, mostly in Kashmir, have been determined barometrically.

Temperature.—The Stevenson Screen adopted for use in Pakistan has the inside measurements of 22 3/8" length; 12 3/8" depth; and 16½" heights and is somewhat larger than the pattern approved in 1884 by the Thermometer Screen Committee of the English Meteorological Society and also larger than the "small model" in common use in Germany. It is made of teak wood, painted white and has four double-louvered sides and a perforated top and bottom. A sloping extra cover of wood protects the top from the sun and rain. The door on the north side has 14 louvers and the remaining sides have 16 louvers each. All the thermometers at the observing stations are standardised from time to time with the standards in the Meteorological Laboratory at Karachi which are provided with certificates of correction from the National Physical Laboratory, Teddington, U.K. The temperatures given in the tables are the corrected values.

Although observations are recorded thrice a day, at 0000 hours G.M.T., 0300 hours G.M.T. and 1200 hours G.M.T. at almost all the Pakistan Observatories, the maximum and minimum thermometers are set only once a day at 0300 hours G.M.T. and the maximum and minimum temperatures, therefore, refer to the 24 hours period ending at that hour. The monthly means of these temperatures refer to the month ending at 0300 hours G.M.T. on the last day of the month.

Terrestrial Radiation.—Terrestrial thermometers are placed on two wooden forks in a grass plot so that the bulb of the thermometer is about 1½" above ground. The radiation minimum temperatures recorded by these thermometers appear in Table V, in which the depression of these temperatures below the minimum temperature in shade at 4 feet above ground is also given.

Hours of Bright Sunshine.—Sunshine recorders of the standard Campbell-Stokes pattern have been in use at the stations.

Surface Wind.—Four-cup Robinson counter type anemometers manufactured in the Meteorological Department Workshop at Karachi, have been in use. All these anemometers have been compared with the tandard Casella Robinson anemometer kept at the Meteorological Laboratory at Karachi. The wind data published consists of the mean hourly air movement as registered by the anemometers during the 24 hours ending at the time of morning observation at 0300 hours G.M.T. and the frequency of the wind direction blowing from 8 compass points at the synoptic hours of observations. The hourly velocities at 4 stations equipped with Dines P.T. anemographs are given in Table X; the velocity given against any hour is the average for the ten minutes immediately preceding that hour.

Height of anemometer cups in feet above ground is given in the list of stations.

Humidity and Cloud.—The hygrometric data are calculated by means of the hygrometric tables. The amount of cloud is estimated in eighths (oktas) of the sky expanse, an overcast sky being denoted by 8 and a cloudless sky by 0.

Rainfall.—Rainfall is measured at all the stations with Symon's type rainguage of 5" diameter. The time of measuring rainfall at provincial rainguage stations was 8 a.m. (Pakistan Standard Time) except at the Meteorological Department Stations for which the time of observations was 0300 hours G.M.T. The measurement relates to the period of 24 hours ending at the time of observation. A rainy day is conventionally taken to be that day on which a minimum of a tenth of an inch of rainfall has been recorded.

The registration of rainfall in Pakistan is carried out under the control of Provincial authorities. The Director, Meteorological Service is only a consulting and advising officer. Daily rainfall data for East Pakistan, Sind, the Punjab and the North-West Frontier Province are printed by the respective Provincial Governments in their gazettes. The computation and printing of the daily rainfall data of Baluchistan is done by the Meteorological Department. At the end of the year tables showing the monthly and annual values are similarly printed. Subsequently the Meteorological Department collects all the tables for the whole of Pakistan and binds them in two volumes for permanent record—a larger volume containing both the daily data and the monthly summaries and a smaller volume containing only the monthly summaries. The volume for 1955 contains rainfall data of over 475 stations which are utilised in the preparation of tables XI to XV in Part-A of this Summary.

Autographic Instruments.—In addition to the eye-reading instruments, autographic instruments are maintained at all Class I stations and a few other observatories. The following is a complete list of such stations with the instruments available at each of them.

The symbols adopted for different instruments are shown below:—

W — Anemograph
B — Barograph
U — Hygrograph
T — Thermograph
R — Self-recording Rainguage
S — Sunshine Recorder

Station	Autographic Instruments					
1. Bogra ...		B				
2. Chaklala ...		B	U	T		
3. Chittagong ...		B				
4. Cox's Bazar ...		B				S
5. Jacobabad ...		B	U	T	R	S
6. Kakul	W	B	U	T	R	S
7. Karachi (Airport) ...	W	B	U	T	R	S
8. Karachi (Manora) ...		B				
9. Karachi (Mauripur)...		B	U	T	R	
10. Lahore (P.B.O.) ...	W	B	U	T	R	S
11. Lahore (Cantt.) ...		B	U			
12. Parachinar ...				T		S
13. Peshawar ...	W	B	U	T	R	S
14. Quetta ...					R	S
15. Quetta (Samungli) ...		B	U	T		S

The autographic data of pressure, temperature and humidity published in this Summary have been corrected on the basis of graphs of mean differences in different months for the 8 Synoptic observations, where available.

TABLES

Tables I to III in the Annual Summary, Part-A, correspond to Tables I to III in the Monthly Weather Reports, and contain the annual means for 00, 03 & 12 hours G.M.T. of stations whose monthly data have appeared in the Monthly Weather Reports.

Tables II-A, III-A correspond to Tables II and III of Monthly Weather Reports and contain the monthly and the annual means of stations whose data have not been published in the Monthly Weather Reports.

Table II-B gives the monthly and annual means for the remaining synoptic hours of observations, *viz.*, 06, 09, 15, 18 and 21 hours G.M.T.

Table IV gives the mean duration of bright sunshine at 9 stations.

Table V gives the abstract of hours of bright sunshine at 9 stations and nocturnal radiation of 2 stations.

Table VI gives monthly and annual values of hourly and extreme pressure at 13 stations.

Table VII gives the monthly and annual values of mean hourly and extreme dry bulb temperature at 6 stations.

Table VIII gives the monthly and annual values of mean hourly and extreme humidity at 8 stations.

Table IX gives the monthly and annual values of total hourly rainfall and maximum in one hour at 7 stations.

Table IX-A gives the frequency of rainfall in one hour at 7 stations. The intensity of rainfall in this table is calculated on the basis of rainfall in short periods.

Table IX-B gives the frequency of rainfall of intensity of half an inch per hour or more for 7 stations.

Table X gives the monthly and annual values of mean hourly and extreme wind velocity at 4 stations.

Table XI-XIV give the Divisional and sub-Divisional means of rainfall and the number of rainy days derived from the data of over 475 rianfall recording stations.

Table XV gives the days with rainfall of 10' and above.

NORMALS

The normals used for comparison in Tables I to III and XI-XIV are based on data upto 1940.

The data of stations under the administrative control of the Regional Meteorological Centres at Chittagong, Lahore and Karachi are scrutiinsed and supplied by the respective centres.

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ANNUAL SUMMARY

PART A

SUMMARY OF WEATHER WITH TABLES

CONTENTS

	Page
Weather and rainfall of the year.	A1
Table I—Divisional & sub-Divisional means.	A3
Tables II-IIIA—Abstract of observations at individual Stations.	A4
Tables IV-V—Sunshine & Nocturnal radiation.	A63
Table VI—Hourly and extreme pressure.	A69
Table VII—Hourly and extreme dry bulb temperature.	A80
Table VIII—Hourly and extreme relative humidity.	A84
Tables IX-IXB—Hourly rainfall and frequencies of rainfall.	A88
Table X—Hourly & extreme wind velocities.	A96
Tables XI-XIV—Divisional & sub-Divisional means of rainfall and rainy days.	A100
Table XV—Days of rainfall 10 inches and above	A110
Maps showing sub-Divisional monthly rainfall totals expressed as percentage of the normal and mean monthly pressure anomalies (in mbs.).	A111
Map showing sub-Divisional rainfall totals expressed as percentage of the normal for different periods of the year.	

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Director,

Pakistan Meteorological Service.

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136 474

S. No.	Page No.	Station	Col.	Month/Year	Hour	Remarks. For	
91	A94	Peshawar 0.75 0.99		Year	—	Blank Velocities	4 Wind Velocities.
92.	A96	Heading					
93.	A96	Peshawar		May.	6	4.7	3.7
94.	A96	"		Dec.	7	1.0	1.1
95.	A96	Kakul				25 ft.	52 ft.
96.	A98	Karachi(Air Port)		Jan.	14	75.2	7.5
97.	A98	"		Feb.	14	10.9	10.0
98.	A98	"		March.	14	10.3	10.9
99.	A98	"		April.	14	10.0	10.3
100.	A98	"		Sept.	14	8.5	5.8
101.	A101	Mean of East Pakistan.	33	Nov.	—	+4.31	+4.01

(*Iftikhar*).

GOVERNMENT OF PAKISTAN

PAKISTAN METEOROLOGICAL DEPARTMENT

ERRATA TO PAKISTAN WEATHER REVIEW, 1955, ANNUAL SUMMARY

PART 'A'

S.No.	Page No.	Station.	Col. No.	Month.	Year.	Hour.	Remarks. For	Read
1.	A 5	Bogra.	12	----	----	0300	Blank	- 1
2.	A 5	"	12	----	----	1200	- 1	Blank
3.	A 5	Dinajpur	12	----	----	0300	Blank	- 7
4.	A 5	"	12	----	----	1200	- 7	Blank
5.	A 6	Murree	2	----	----	0000	0000	0000
6.	A 6	Kohshab.	2	----	----	1200	Blank	33
7.	A 8	Hindubagh.	20	----	----	0300	815	115
8.	A 9	Ormara.	4	----	----	1200	1005.5	1005.6
9.	A 9	"	5a	----	----	1200	100.5	1005.5
10.	A 10	Badin.	22	----	----	1200	Blank	8
11.	A 11	Mucca.	1	----	----	----	Mucca	Muscat.
12.	A 11	Muscat.	13	----	----	1200	7	1.7
13.	A 13	Cox's Bazar.	5a	Year		1200	1006.0	1006.8
14.	A 17	----	Foot note.	----	----	----	(b) observations for 27 days.	(b) observation for 29 days.
15.	A 18	Bogra (P.B.O).	17	March		0600	Blank	3
16.	A 18	"	18	"		0600	3	6
17.	A 18	"	19	"		0600	6	3
18.	A 18	"	20	"		0600	3	7
19.	A 18	"	21	"		0600	7	2
20.	A 18	"	22	"		0600	2	0
21.	A 18	"	21	April		0600	0	3
22.	A 18	"	16	July		0600	3	0
23.	A 18	"	22	Oct.		0600	12	2
24.	A 18	"	13	Feb.		0900	1.2	1.1
25.	A 18	"	7	Nov.		0900	21.7	71.7
26.	A 19	"	17	March		1500	1	0
27.	A 19	"	18	March		1500	2	1
28.	A 19	"	20	March		1500	0	2
29.	A 19	"	21	April		1500	1	0
30.	A 19	"	22	April		1500	0	1
31.	A 19	"	21	May		1500	1	0
32.	A 19	"	23	May		1500	7	17
33.	A 19	"	15	Aug		1500	Blank	0
34.	A 19	"	18	Aug		1500	0	2
35.	A 19	"	19	Aug		1500	2	1
36.	A 19	"	20	Aug		1500	1	0
37.	A 19	"	17	Aug		1800	3	0
38.	A 19	"	18	Jan.		2100	9	0
39.	A 19	"	6	Jul.		2100	99.6	79.6
40.	A 20	Multan (P.B.O)	20	Year.		0300	30	39

(Iftikhar).

S.No.	Page No.	Station.	Col.	Month/Year	Hour	Remarks For	Read.
41.	A23	Fort Sandeman.	8	April	1200	a	b
42.	A23	"	Foot note			(a) Mean of 30 days	(b) Mean of 29 days.
43.	A25	Karachi (Mauri Pur)	6	Dec.	0300	50.6	59.6
44.	A25	"	5a	June	0600	996.6	999.6
45.	A28	Karachi (Drigh Road)	18	Nov.	1200	3	0
46.	A31	Dacca(P.B.O.)	23	Aug	1800	0	9
47.	A33	Lahore(P.B.O.)	9	"	2100	30	30.5
48.	A33	"	23	Year	2100	24	243
49.	A33	Lahore(Cantt)	23	"	0600	2	42
50.	A33	"	17	Jan.	0900	Blank	1
51.	A38	Chaklala	13	Aug.	1500	3.8	3.3
52.	A38	"	"	Dec.	1500	8.1	3.1
53.	A38	"	11	Jul.	2100	7	57
54.	A38	"	13	Aug.	2100	8	4.8
55.	A38	"	15	Sept.	2100	1	4
56.	A43	Peshawar.	4	March.	1800	969.8	969.9
57.	A46	Kohat.	6	Oct.	0900	86.5	85.6
58.	A46	Samungli	15	Year	0900	21	27
59.	A48	Dalbandin	5a	March,	0600	900.9	901.9
60.	A49	"	6	Jan.	2100	70.8	79.8
61.	A50	Karachi(Air Port)	8	Year	0900	18.0	61.1
62.	A50	"	9	Year	0900	61.1	18.0
63.	A51	"	20	Year	1500	15	157
64.	A51	"	21	May	1800	4	7
65.	A54	Nawabshah	8	Year	o600	69.3	59.3
66.	A54	"	18	Sept.	0900	21	2
67.	A55	Jacobabad	20	Year	1800	24	25
68.	A56	"	7	Oct.	2100	63	63.2
69.	A57	Heading				III A	III
70.	A59	Sibi	21			3	0
71.	A59	Lesbela	6			*	#
72.	A63	Lahore(Jail Rd.)		Jan.	18-19	3.0	0.0
73.	A66	Cox's Bazar	13	May	Date	2	21
74.	A67	"	1	-	-	Kabul	Kakul
75.	A71	Bogra		Year	15	10.1	105.1
76.	A71	"		Dec.	19	112.3	112.8
77.	A72	Lahore(Jail Rd)		Nov.	10	88.1	88.0
78.	A72	Lahore(Cantt)		Jan.	1	93.0	93.6
79.	A73	Lahore(Jail Rd)		Aug.	21	75.5	75.7
80.	A74	Kakul		"	11	64.2	65.2
81.	A74	"		Oct.	6	72.2	72.7
82.	A74	Karachi(Air Port)		Jul.	3	096.7	096.5
83.	A76	"(Mauripur)		Nov.	14	111.6	111.4
84.	A77	Jacobabad		Jan	15	87.0	82.0
85.	A77	"		Year		V	VI
86.	A83	Karachi(Air Port)		Jan .	23	58.8	55.8
87.	A84	Lahore(JailRd)		"	5	92	62
88.	A84	"		Feb.	12	4	34
89.	A88	Peshawar		March	8.9	0.08	0.01
90.	A90	Karachi(Air Port)		Year	9-10	0.77	0.08

PAKISTAN WEATHER REVIEW, 1955

ANNUAL SUMMARY

PART A

WEATHER & RAINFALL

Summary: The *cold weather period January to February* was characterized by deficient rainfall which was in large defect both in East and West Pakistan.

In the *hot weather period March to May,* thunder-storm activity was nearly normal in the Punjab and the northern sub-Division of East Pakistan, while in the eastern sub-Division of East Pakistan some violent thunder-squalls were experienced in March. A heat wave affected lower Sind and Mekran coast during the third week of May when temperature shot up to 114°F in the Federal Capital Area and to 118°F in Hyderabad Division.

In the *monsoon period, June to September,* the monsoon set in at almost the usual time. It was characterised by some very strong surges, and the formation of two cyclonic storms and a number of depressions which caused widespread and locally heavy rainfall in both the wings of the country resulting in extensive floods.

The *period October to December* had fairly good rain and averaged over the plains of West Pakistan it was in large excess and in East Pakistan in moderate excess.

I. The Cold Weather Period—January and February

(a) **Weather** :

Although eight western disturbances influenced the weather over West Pakistan during *January*, only two of these, which were associated with secondaries, caused local or fairly widespread rainfall in the region between the 19th and the 22nd and towards the end of the month. The remaining six disturbances caused only scattered rainfall for short intervals. During the same month East Pakistan experienced some light rain or drizzle during the second fortnight in association with the passage of two western disturbances.

In *February* nine western disturbances affected the western wing of the country but only six of these caused some rainfall and dust storm or thunderstorms, while the remaining three caused mere extensive clouding. The eastern wing was affected by three western disturbances causing light rain or drizzle at a few places during the first fortnight of the month.

(b) **Anomalies** :

East Pakistan: The total rainfall of the period was in large defect and skies were less clouded than usual. The mean maximum and minimum temperatures and humidity were normal except in the northern sub-Division where humidity was in defect.

West Pakistan: The total rainfall was in slight excess in south Baluchistan and upper Sind, normal in lower Sind, in slight defect in the South Punjab, north Baluchistan and in large defect elsewhere. Averaged over the plains, it was in large defect. The maximum temperature was normal in south Baluchistan and below normal in lower Sind; elsewhere it was above normal. The mean minimum temperature and relative humidity were normal over the whole region except in South Punjab and upper Sind where they were in excess. Skies were more clouded than normal in upper Sind, less clouded in the N.W.F.P., Baluchistan and lower Sind and normally clouded elsewhere.

II. Hot Weather Period—March to May

(a) **Weather** :

The month of *March* in West Pakistan started with fairly widespread rainfall practically over the whole region under the influence of a western disturbance which had started affecting the region at the end of February. Fairly widespread rainfall was again experienced towards the middle of the month under the influence of two active western disturbances which moved in quick succession. During the rest of the month scattered thunder-storms or showers occurred only in the northern parts of the region, as a result of the passage of six western disturbances. In East Pakistan frequent thunder rain activity occurred during the second half of the month as a result of the passage of six westerly low pressure waves. Some of the thunder-storms were associated with violent squalls and heavy rainfall which caused considerable loss of life and damage to property.

During the month of *April* frequent thunder-storms were experienced in West Pakistan commencing from the middle of the second week as a result of the passage of seven western disturbances. However, fairly widespread rainfall occurred only towards the middle of the month and was confined to the northern parts. In East Pakistan frequent thunder-storms occurred during the first fortnight and also towards the end of the month, under the influence of westerly low pressure waves. Locally heavy rain fell in the eastern sub-Division on the 28th.

In *May,* a series of western disturbances affected West Pakistan and caused occasional thunder-storms or dust-storms at a few places over the region, except during the later parts of the second and the fourth weeks, when rainfall was fairly widespread in the northern divisions. East Pakistan experienced fairly widespread rainfall during the first week under the influence of westerly low pressure waves and also towards the end of the month due to the advance of monsoon. During the intervening period the weather was mainly dry.

(b) **Anomalies** :

East Pakistan: The total rainfall was normal over the eastern sub-Division, in slight defect over northern sub-Division and in moderate defect in the deltaic sub-Division. Averaged over the whole region it was in slight defect.

The mean maximum and minimum temperatures, relative humidity and cloudiness were normal over the whole region except in the northern sub-Division, where mean maximum temperature was in excess and mean relative humidity in defect.

Both day and night temperatures were markedly to considerably below normal in West Pakistan between the 13th and the 17th of April due to the outbreak of cold air in the wake of an active western disturbance. Day temperature remained considerably above normal in lower Sind and along the Mekran coast between the 19th and 23rd of May when a trough of low pressure appeared off the Konkan, Malabar coast and caused hot air to blow over the region raising the temperature to 114°F in Federal Capital Area and to 118°F in lower Sind.

West Pakistan: The total rainfall was in large excess in the south Punjab; in moderate excess over the north Punjab and north Baluchistan, normal over the N.W.F.P., in moderate defect over south Baluchistan and in large defect over Sind. Averaged over the plains, it was normal. The mean maximum and minimum temperatures and mean relative humidity were normal over the region except in South Baluchistan and in lower Sind, where mean maximum temperatures were in excess.

Skies were more clouded than normal in the Punjab, Upper Sind, less clouded in Baluchistan, lower Sind and normally clouded elsewhere.

III. The South West Monsoon Period—June to September

(a) **Weather:**

The chief feature of the month of *June* was the establishment of monsoon in East Pakistan during the first week and its temporary advance to the northern districts of West Pakistan towards the end of the month. During the rest of the month only scattered to local dust or thunderstorms occurred in the Punjab, the N.W.F.P. and north-east Baluchistan in association with the passage of low pressure waves. In lower Sind a few dust-storms occurred during the second week as a result of the accentuation of the seasonal low. In East Pakistan due to active monsoon and the formation of a shallow depression which crossed coast near Gopalpur and moved northwestwards, wet weather was experienced practically throughout the month with heavy falls of rain at several places.

In the beginning ot *July*, Monsoon made a temporary advance towards the northern districts of West Pakistan under the influence of a low moving west-northwestwards from Bihar and caused thunder-storms locally in the north Punjab and the upper N.W.F.P. and at a few places elsewhere. The influx of the monsoon air into Rawalpindi on the 1st was accompanied by a squall with a speed of 80 m.p.h. This caused dislocation in traffic and considerable loss of property. Towards the middle of the third week, monsoon had established itself over the region and, in association with the passage of westerly low pressure waves across the north. it caused fairly widespread rain with locally heavy falls in the northern division. As a consequence, the Indus, Chenab and Jhelum rivers over-flew their banks and large areas were inundated in Montgomery and Sialkot districts and around Khushab and Thall. In the intervening period only sporadic dust or thunder-storms were reported, except during the later part of the first week when a westerly low pressure wave caused local to fairly widespread rainfall in the Punjab and the upper North-West Frontier Province.

In East Pakistan except for the second week, the monsoon was active and caused fairly widespread rain with occasional heavy to very heavy falls. According to the press reports, Chittagong got flooded on the 16th as a result of continuous rain.

The month of *August* was characterised by heavy rainfall in both the wings of the country with consequent acute flood situation. The west wing was affected by frequent passage of westerly low pressure waves across the north and by the movement from East of two monsoon lows across Rajasthan and Sind causing deep incursion of monsoon current. The eastern wing was affected by frequent strong monsoon surges and by the formation of a depression in the northwest angle of the Bay of Bengal.

During the first fortnight of *September* two shallow depressions and a low pressure area moved from the east while two westerly low pressure waves moved across the north of West Pakistan. They caused wet weather over the region till about the middle of the month with locally heavy rainfall at the end of the first week and the beginning of the second week. As a result, floods continued to affect the Punjab and Sind unabated. After the withdrawal of monsoon in the third week of September only occasional thunder/rain activity occurred in the northern parts of the region during the rest of the month in association with the passage of westerly low pressure waves. In East Pakistan the monsoon continued to be active during a greater part of the month under the influence of three depressions which formed in the north Bay of Bengal and caused pronounced wet weather during the first fortnight and towards the end of the month.

(b) **Anomalies:**

East Pakistan: The total rainfall was normal except in deltaic sub-Division where it was in moderate defect. Averaged over the whole region it was normal.

The mean maximum and minimum temperatures, relative humidity and cloudiness were normal.

West Pakistan: The total rainfall was in moderate excess over upper Sind, in slight excess over the north Punjab, the N.W.F.P., lower Sind, normal over the south Punjab and south Baluchistan and in slight defect over north Baluchistan. Averaged over the plains it was in slight excess.

The mean maximum, minimum temperatures and mean relative humidity were normal over the whole region except in South Baluchistan where humidity was in defect.

Cloudiness was in excess in lower N.W.F.P., in defect over Sind and normal elsewhere.

IV. Post-monsoon period—October to December

(a) **Weather:**

The first fortnight of October was marked by heavy rainfall in the catchment areas of West Pakistan rivers and unprecedented floods in the Punjab. This was due to the combined influence of two depressions from the Bay of Bengal which on recurving moved northeastwards across the Punjab hills in India and three westerly low pressure waves which moved across the north of the region. The floods caused colossal loss of life and damage to property. Thereafter, dry weather prevailed over West Pakistan. The south-west monsoon continued to be active over East Pakistan during the first fortnight of the month at first under the influence of the depression which formed during the previous month and thereafter under the influence of a cyclonic storm which formed in the north Bay of Bengal, and moved northwestwards. They caused fairly widespread rainfall in the region towards the beginning and the end of the first fortnight and a few falls of rain on other days. During the second fortnight of October the weather was mainly dry except between the 25th and the 27th when fairly widespread rain with locally moderate to heavy falls occurred in the region under the influence of a trough of low in west central Bay of Bengal.

In November dry weather prevailed over West Pakistan except on the 7th, when a western disturbance which moved across the northern parts of the region, caused scattered rainfall in the upper N.W.F.P. The eastern wing experienced fairly widespread rainfall between the 7th and the 10th and a few falls during the following three days under the influence of a cyclonic storm from the southwest Bay of Bengal which, after recurving off the Circars-Orissa coast weakened and moved as a low across the region.

In December six western disturbances influenced the weather over West Pakistan. The first two were feeble and caused only a few falls of rain or drizzle in the northeast Baluchistan and the upper N.W.F.P. in the beginning of the second week. The remaining four caused scattered local rain or drizzle practically over the whole region between the 12th and the 23rd and towards the end of the month. The weather remained dry in East Pakistan during the month.

(b) **Anomalies:**

East Pakistan: The total rainfall was in large excess except in the northern sub-Division where it was in slight defect. Averaged over the region it was in moderate excess.

The mean maximum and minimum temperatures, mean relative humidity and cloudiness were normal over the region except in northern sub-divisions where cloudiness was in defect.

West Pakistan: The total rainfall was in large excess over the north Punjab, in moderate excess over south Baluchistan and in south N.W.F.P., in slight excess over the south Punjab and north Baluchistan, in moderate defect over Sind. Averaged over the plains, it was in large excess.

The mean maximum and minimum temperatures were normal over the region except in lower N.W.F.P. where mean minimum was in excess. Mean relative humidity was in excess over the Punjab, the lower N.W.F.P. and Sind, and normal over the upper N.W.F.P.

Skies were more clouded than normal in south Punjab, upper Sind, less clouded in lower Sind, Baluchistan, the upper N.W.F.P. and normally clouded elsewhere.

Year:

East Pakistan: The total rainfall of the year was normal in the eastern sub-divisions and in slight defect in the deltaic sub-division. Averaged over the whole region, it was in slight defect.

West Pakistan: The total rainfall was in moderate excess in upper Sind, in slight excess over the Punjab and lower Sind, normal over Baluchistan and south N.W.F.P. and in slight defect over the north N.W.F.P.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS FOR THE YEAR 1955

Division	PRECIPITATION				DEPARTURE FROM NORMAL OF				
							03 hrs. G. 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
	"	"	"		°F	°F	mbs.	%	Oktas
(1) East Pakistan	6.71	6.93	—0.22	— 3	+0.6	+0.4	+0.2	—1	+0.2
Mean of East Pakistan	6.71	6.93	—0.22	— 3	+0.6	+0.4	+0.2	—1	+0.2
(1) Punjab	1.62	1.38	+0.24	+15	—0.1	+0.6	+0.5	+2	+0.1
(2) N.W.F.P.	0.83	0.94	—0.11	—12	—0.3	+0.9	+1.0	+2	—0.2
(3) Baluchistan	0.58	0.57	+0.01	+ 2	+1.0	—0.1	—0.4	—3	—0.4
(4) Sind	0.72	0.51	+0.21	+41	+0.8	+0.5	+0.5	+5	—0.1
Mean of West Pakistan excluding Baluchistan	1.18	1.01	+0.17	+17	+0.2	+0.6	+0.6	+0.3	+0.2
Sub-Division									
East Pakistan (East)	8.97	8.36	+0.61	+ 7	+0.3	+0.5	+0.1	—1	+0.1
East Pakistan (Deltaic)	5.76	5.82	—0.06	— 1	+0.6	+0.4	+0.4	+1	+0.3
East Pakistan (North)	4.97	5.86	—0.89	—15	+1.4	+0.3	+0.3	—3	0
Kashmir (‡)	...	...	...	..	..	..	..	..	..
North Punjab	2.14	1.91	+0.23	+12	—0.1	+0.2	+0.7	+3	+0.1
South Punjab	0.81	0.63	+0.18	+29	—0.1	+1.0	+0.2	+2	+0.2
N.-W.F.P. (Upper)	0.61	1.13	—0.52	—46	+0.3	+0.5	+0.6	+1	—0.4
N.-W.F.P. (Lower)	0.90	0·85	+0.05	+ 6	—0.4	+1.0	+1.2	+4	—0.1
Baluchistan (North)	0.68	0.60	+0.08	+13	+1.0	+0.2	—0.1	—3	—0.3
Baluchistan (South) . ..	0.32	0.51	—0.19	—37	+1.0	—0.7	—1.1	—4	—0.8
Sind (Lower)	1.02	0.57	+0.45	+79	+0.4	+0.2	+0.7	+4	—0.6
Sind (Upper)	0.37	0.29	+0.08	+28	+0·1	+0.7	+0.2	+6	+0.7
Junagadh (‡)	...	...	...	...	...	...	...	...	...

(‡) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE YEAR 1955

Sub-Division and Station.	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0·5mm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
EAST PAKISTAN (EAST)																							
Cox's Bazar	0300	38	1008.8	0.0	1010.1	78.6	73.7	71.1	27.0	+0.1	78	—1	3.9	+0.2	25	77	25	115	68	4	3	16	32
	1200		1005.8		1007.1	79.7	74.6	71.9	27.4		78		4.0		6	7	4	57	104	22	46	70	49
Chittagong	0300	87	1007.0	—0.3	1009.9	78.2	72.6	69.7	25.3	—0.7	75	—5	3.9	+0.1	41	69	44	103	52	7	1	4	44
	1200		1003.6		1006.6	78.9	73.1	70.0	25.9		75		3.8		24	6	6	43	84	73	44	47	38
Noakhali ... ... Maijdee Court	0000	25	1007.0		1007.9	71.6	70.1	69.2	25.7		93		3.3		0	0	0	74	1	0	0	1	289
	0300		1008.8	—0.3	1009.7	77.3	73.0	70.3	26.7	—0.4	80	—1	3.5	+0.1	1	2	1	104	1	0	0	8	248
	1200		1005.6		1006.5	79·8	73.8	70.3	26.4		74		3 3		0	0	0	123	2	0	0	3	235
Comilla	0000	29	1007.1		1008.1	70.4	69.2	68.5	24.9		94		3.8		13	4	8	93	54	3	2	5	183
	0300		1008.7	—0.4	1009.7	77.8	72.9	70.1	26.1	—0.4	78	+1	3.5	+0.1	32	14	1	70	119	12	5	12	100
	1200		1005.6		1006.6	80.8	74.5	70.8	26.8		73		3.4		19	8	2	57	115	11	10	18	125
Brahmanbaria	0000	32	1007.0		1008.1	71.5	69.8	68.5	25.2		91		3.9		12	13	18	67	69	9	2	0	175
	0300		1008.8		1009.9	78.5	73.0	69.9	26.0	+1.1	75	+1	3.6		26	35	23	51	98	34	3	4	91
	1200		1005.2		1006.3	80.1	73.7	70.1	26.2		73		3.3		6	10	3	26	86	30	5	2	197
Srimangal	0000	69	1006.3		1008.7	66.3	65.3	64.5	22.1		94		3.7		2	2	10	11	16	0	1	1	322
	0300		1007.5	—0.5	1010.0	75.4	71.6	69.5	25.6	+0.8	82	0	4.0	+0.6	3	3	5	56	83	20	4	0	191
	1200		1004.1		1006.5	78.3	73.7	71.4	26.9		79		3.7		7	2	6	42	76	30	6	2	194
Mymensingh	0000	62	1006.1		1008.3	70.6	68 8	67.6	24.1		90		3.7		1	1	68	14	0	0	0	0	281
	0300		1007.9	—0.2	1010.1	75.9	71 7	69.4	25.3	+0.2	80	—1	4.0	—0.2	5	9	148	48	16	3	9	4	123
	1200		1004.1		1006.2	81.0	73.8	69.4	25.9		70		3.6		0	1	68	29	5	3	5	2	252
Narayanganj	0000	26	1007.6		1008.5	72.9	70.7	69.5	25.8		89		4.3		2	1	36	41	75	13	4	11	182
	0300		1008.8	—0.2	1009.7	78.8	73.1	69.8	26.0	0.0	74	—4	4.3	+0.1	22	8	62	53	80	26	22	40	52
	1200		1005.2		1006.1	81.0	73.4	68.9	25.3		68		4.1		0	1	21	50	100	13	13	9	158
Dacca (Tejgaon)	0000	27	1006.3		1007.3	70.4	68.9	67.9	24.7		92		4.4		21	14	16	65	66	22	4	13	144
	0300		1008.1		1009.1	78.0	72.7	69.5	25.9		76		4.6		44	31	38	60	75	31	18	16	52
	1200		1004.5		1005.5	80.3	72.6	67.9	24.5		68		4.3		15	8	10	50	94	25	29	35	99
EAST PAKISTAN (DELTAIC)																							
Faridpur	0000	46	1006.1		1007.7	71.5	69.9	68.6	25.4		92		3.9		26	18	10	68	84	4	2	10	143
	0300		1007.7	—0.2	1009.3	77.9	73.1	70.0	26.2	0.0	78	0	4.3	+0.9	56	19	15	59	111	12	7	34	52
	1200		1004.0		1005.6	81.3	74.0	69.6	25.7		70		4.1		28	21	13	58	89	15	2	16	123
Barisal	0000	11	1007.3		1007.7	72.7	70.9	70.1	25.7		90		3.2		9	3	3	28	38	3	4	13	264
	0300		1008.9	—0.3	1009.2	79.5	73.8	70.8	26.5	—0.6	75	—4	3.7	0.0	35	24	8	53	110	3	8	2	132
	1200		1005.7		1006.1	82.7	74.9	70.8	26.7		69		3.6		10	10	1	65	80	2	4	5	188
Khulna	0000	16	1007.1		1007.7	72.5	71.0	70.2	26.2		92		3.9		5	0	17	37	53	15	0	8	230
	0300		1009.0	—0.1	1009.5	78.5	73.5	70.8	26.9	+1.0	77	+4	4.3	+0.2	13	21	10	55	70	21	5	7	163
	1200		1005.4		1005.9	82.1	74.8	70.6	26.9		70		4.0		1	7	6	62	69	9	0	7	204
Satkhira	0000	16	1006.9		1007.4	71.8	70.3	69.3	25.6		92		3.7		4	4	0	30	10	23	0	2	291
	0300		1008.5	—0.3	1009.0	79.3	73.6	70.4	26.6	0.0	75	—2	3.7	+0.3	40	19	2	45	17	76	4	24	138
	1200		1005.2		1005.8	82.6	74.5	70.4	26.1		68		3.7		0	9	0	36	9	53	0	5	251

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE YEAR 1955

SUB-DIVISON AND STATION	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Jessore	0000	26	1006.1		1007.0	70.2	69.0	68.3	24.9		93		3.8		15	8	32	32	86	20	6	10	156
	0300		1008.1	—0.6	1009.0	77.2	73.5	70.9	27.5	+1.4	83	+6	3.9	+0.3	36	37	42	34	102	49	12	29	24
	1200		1004.3		1005.2	82.2	74.6	70.1	26.3		69		4.4		56	10	13	24	162	8	13	18	61
EAST PAKISTAN (NORTH)																							
Pabna	0300					79.7	73.5	70.0	26.3	+0.4	74	—3											
	1200																						
Sirajganj	0000	49	1005.3		1007.0	71.0	69.4	68.6	24.9		92		3.9		19	12	53	70	14	2	5	24	166
	0300		1007.0		1008.7	77.7	72.6	69.9	25.7		77		3.7		69	12	53	84	20	8	3	17	99
	1200		1003.4		1005.1	79.4	73.3	69.7	25.5		74		3.1		9	5	45	64	12	2	0	2	224
Bogra	0300	63	1006.9	—0.6	1009.1	76.6	71.6	68.2	25.1	+0.5	77		3.9	+0.4	35	30	88	64	21	39	30	13	45
	1200		1003.3		1005.4	82.0	73.4	67.4	25.1		66	—1	3.3		13	11	62	37	28	39	38	16	121
Dinajpur	0000	123	1003.8		1008.0	68.8	66.5	65.0	22.5		88		2.8		0	42	28	8	2	1	1	0	283
	0300		1005.1	—0.2	1009.4	77.1	70.5	66.3	23.6	0.0	71		2.9	—0.5	1	23	49	1	1	1	6	0	283
	1200		1001.6		1005.8	82.6	73.1	66.7	24.4		63	—7	2.3		0	23	27	10	1	3	4	0	296
Rangpur	0300	121											3.5		14	97	155	15	18	3	16	0	47
	1200												2.7		0	37	77	6	2	0	7	0	236
KASHMIR																							
Srinagar(*)	0000	5205																					
	0300																						
	1200																						
Gulmarg(*)	0300	8709																					
	1200																						
Gurez(*)	0300																						
	1200																						
Sonemarg(*)	0300																						
	1200																						
Dras(*)	0300	10059																					
	1200																						
Kargil(*)	0300																						
	1200																						
Leh(*)	0300	11529																					
	1200																						
Skardu(*)	0000	7250																					
	0300																						
	1200																						
Minar	0000	10190	(*)		(*)	32.9	27.6	20.8	3.9		61		2.6		0	0	15	0	0	0	36	0	314
	0300		699.8		708.3	34.9	28.0	19.8	4.0		57		2.5		2	0	14	0	0	0	30	0	319
	1200		696.6		705.5	48.3	34.1	19.1	3.8		33		3.4		2	0	152	3	1	0	74	0	133

(*) Data not available.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE YEAR 1955

Sub-division and station	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Cpkm level.	Mean temperature of the air and humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total cloud amount: Mean amount.	Departure from normal.	Wind directions number of observations from —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Gilgit*	0300	4950																					
	1200																						
Jammu(*)	0000																						
	0300																						
	1200																						
NORTH PUNJAB																							
Lahore (Jail Road)	0000	702	982.7		1007.4	64.3	60.5	57.8	17.8		82		2.0		11	27	15	30	5	8	6	13	250
	0300		984.0	—0.2	1008.6	69.1	62.7	58.3	18.0	+1.3	71	+8	2.6	+0.4	21	38	17	54	9	8	21	21	176
	1200		981.6		1005.5	84.2	68.7	58.3	17.9		45		2.7		19	30	9	31	4	14	49	56	153
Lahore (Cantt.)	0000	703	982.1		1007.1	65.3	60.2	56.0	17.1		74		2.2		26	26	23	22	7	14	11	38	198
	0300		983.5		1008.3	69.7	62.5	56.9	17.6		67		3.4		32	34	28	40	12	21	13	35	150
	1200		981.3		1005.2	83.8	67.3	54.9	16.4		41		2.6		24	37	20	34	11	27	29	101	82
Lahore (Walton)	0000	699	982.6		1007.3	64.1	59.9	56.9	17.1		79		2.3		19	26	35	37	11	6	19	61	151
	0300		983.9	*	1008.3	69.1	62.3	57.8	17.3		69		2.7		19	21	31	73	19	17	16	74	95
	1200		981.7		1005.2	83.8	68.0	57.2	17.1		43		2.6		15	24	30	40	11	11	71	128	35
Sialkot	0000	830	978.3		1007.3	66.2	61.3	57.5	17.4		76		2.6		1	30	5	16	0	2	1	25	285
	0300		979.8	—0.2	1008.7	70.4	63.3	58.7	18.1	+1.0	68	—1	2.9	+0.9	6	76	10	44	5	4	3	58	159
	1200		977.6		1005.7	83.3	69.9	61.9	19.9		51		2.5		1	38	5	41	1	30	2	55	192
Jhelum	0000	765	980.9		1008.0	62.9	58.2	54.4	16.0		76		2.5		5	12	4	18	7	8	7	41	263
	0300		982.2		1009.1	67.8	60.1	54.3	16.1		65		2.8		10	20	24	44	15	11	6	56	179
	1200		979.6		1005.5	83.3	66.5	53.4	15.9		40		2.8		2	5	11	47	24	32	29	45	170
Chaklala	0000	1667	950.9		893.8	59.5	54.1	49.6	13.6		71		2.7		44	28	33	12	8	3	44	42	151
	0300		951.9		895.4	64.5	56.6	50.6	14.0		64		2.9		27	35	30	29	7	4	28	19	186
	1200		949.5		895.1	80.8	62.6	48.1	12.9		35		3.3		6	15	17	33	28	24	170	15	57
Rawalpindi	0000	1676	950.6		894.1	60.8	55.3	50.8	14.1		72		*		0	1	0	1	3	2	9	0	349
	0300		951.7	—0.1	895.8	66.9	57.9	50.9	14.2	—0.5	60	0	2.2	—0.2	4	1	2	0	2	2	13	1	339
	1200		948.8		894.5	80.3	63.9	51.7	15.1		40		2.5		5	2	3	1	21	12	34	2	284
Murree	0000																						
	0300	7113	783.5	—0.5	799.3	53.3	45.6	36.8	8.5	—0.4	57	0	3.7	+0.8	12	57	51	79	4	6	60	43	53
	1200		782.5		798.2	57.6	48.4	39.3	9.3		62		4.6		2	31	42	69	3	18	72	85	43
Campbellpur‡	0000	1175																					
	0300																						
	1200																						
Khushab	0000	616	986.0		1007.8	64.8	58.1	51.7	14.9		66		1.1		17	102	34	46	7	20	14	19	106
	0300		987.1	—0.5	1008.7	70.5	61.3	54.1	16.1	+0.6	59	+3	1.8	—0.2	23	68	48	37	18	24	15	13	119
	1200		984.3		1005.2	86.5	66.8	51.7	14.6				2.1		16	44	42	59	50	37	35	37	45
Sargodha†	0000																						
	0300																						
	1200																						

† Data not available. ‡ Data incomplete hence no annual.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE YEAR 1955

SUB-DIVISION AND STATION	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Cpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	11	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	kts										
Lyallpur	0000	605	985.8		1007.1	64.7	60.0	56.6	17.1		77		2.1		23	27	26	29	24	19	13	12	192
	0300		987.3	0.0	1008.6	68.1	61.3	56.4	17.2	+1.2	69	+8	1.9	−0.6	14	27	15	22	24	11	12	13	227
	1200		985.0		1005.6	84.7	68.2	56.8	17.2		41		2.7		28	12	12	30	33	24	12	13	201
SOUTH PUNJAB																							
Leiah†	0000	490																					
	0300																						
	1200																						
Montgomery	0000	558	987.4		1007.1	65.5	60.8	56.6	16.7		77		1.7		7	6	10	29	5	36	23	14	235
	0300		988.9	−0.1	1008.4	69.5	62.8	58.2	18.2	0.0	70	+3	1.8	+0.3	6	10	34	69	15	45	28	21	137
	1200		986.5		1005.4	86.6	70.2	59.6	18.7		42		2.1		9	18	18	45	8	58	27	37	145
Multan (Surface)	0300	413	994.2	+0.2	1008.7	72.5	63.2	55.7	17.0	−2.0	58	−6	1.7	+0.2	65	23	13	23	68	63	2	31	77
	1200		991.3		1005.3	88.4	68.3	52.9	15.7		33		1.6		28	57	7	37	49	68	12	32	75
Khanpur (P.B.C.)	0000	290	996.4		1006.8	65.5	60.6	56.8	17.4		75		1.3		35	38	1	4	21	64	14	3	180
	0300		997.9	—	1008.2	70.5	63.1	57.9	18.0		66		1.8		40	56	10	7	23	92	16	4	117
	1200		994.8		1004.6	89.2	70.2	57.2	17.7		37		1.8		51	60	13	6	14	65	46	8	102
Khanpur (Surface)	0300	297	997.9	−0.3	1008.3	71.8	64.0	58.1	18.6	+2.1	64	+5	1.6	+0.2	44	36	13	3	33	81	10	10	135
	1200		994.2		1004.3	90.6	71.6	59.0	19.1		38		1.5		8	54	3	3	3	72	8	15	199
Bahawalpur	0300	384	994.9	−0.1	1008.4	71.5	64.2	59.2	18.8	+0.4	67	+4	1.7	+0.1	3	11	1	1	17	44	1	4	282
	1200		992.1		1005.2	88.2	72.2	62.7	20.8		45		1.7		0	5	1	4	4	38	3	5	305
Fort Abbas	0000	475	990.1		1006.8	66.6	59.8	56.0	16.0		67		1.5		30	62	68	47	44	58	18	9	29
	0300		991.6		1008.1	76.5	64.0	54.8	16.0		49		1.4		25	47	54	69	52	69	32	7	10
	1200		988.6		1004.7	87.4	68.0	54.4	15.4		35		1.8		91	79	19	8	25	42	44	48	9
N. W. F. P. (Upper)																							
Drosh	0000	4806	852.9		901.0	55.2	47.4	39.2	8.9		56		2.1		1	11	7	8	0	11	0	0	327
	0300		854.2	0.0	902.0	56.9	47.9	38.2	8.7	−1.0	52	−9	3.4	+1.0	1	26	11	14	3	12	0	0	298
	1200		850.4		896.9	70.2	53.4	35.9	8.2		32		3.5		6	44	10	28	1	131	6	1	138
Chakdara	0000	2197	931.7		894.6	58.8	52.7	47.2	12.3		67		2.2		115	48	0	1	1	0	0	33	167
	0300		933.4		896.5	61.8	54.2	48.0	12.8		63		2.5		119	56	6	10	7	8	3	66	90
	1200		929.8		894.3	78.5	62.1	49.5	13.5		38		2.9		13	46	5	63	77	58	12	26	65
Peshawar	0000	1177	967.3		1007.9	63.3	56.3	49.4	13.7		63		2.5		24	10	4	23	33	134	7	49	81
	0300		968.6	−0.6	1008.8	67.4	58.6	50.9	14.6	+0.6	59	+1	2.7	−0.3	29	15	3	29	37	55	14	41	142
	1200		965.8		1004.8	81.9	65.0	51.5	14.5		39		3.5		27	124	31	42	14	21	7	31	68
Risalpur	0000	1053	973.6		‡	‡	‡	‡	‡		‡		2.1		31	19	37	19	4	19	22	20	194
	0300		975.0		1009.9	65.0	57.5	51.7	15.0		66		2.6		16	15	30	25	6	23	56	32	162
	1200		971.9		1005.6	83.1	64.6	49.0	13.6		36		2.9		20	59	39	31	6	27	43	37	103
Haripur (Hazara)†	0000																						
	0300																						
	1200																						

‡ Data incomplete, hence no annual. † Data not available.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

SUB-DIVISION AND STATION	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0·5 km. level.	Mean Temprature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observation From—: N	NE	E	SE	S	SW	W	NW	Calms
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Kakul	0000	4214	886.3		899.3	57.4	50.1	41.7	10.4		58		2.7		101	75	25	32	20	14	4	91	3
	0300		870.3		900.0	61.2	52.4	43.0	11.0		53		3.5		71	52	35	29	39	13	18	103	5
	1200		869.1		897.9	69.4	55.9	43.2	10.9		41		3.9		11	22	14	58	82	79	32	63	4
Chorat	0300	4272	868.3	—0.2	899.5	61.8	52.5	42.2	10.8	+0.1	52	—3	3.0	+0.6	114	0	0	53	60	8	0	108	22
	1200		866.8		897.5	69.6	56.1	42.9	11.1		41		3.5		72	3	0	98	105	3	0	69	15
Landikotal	0000	3505	890.8		897.7	57.3	50.5	43.3	11.0		61		2.0		14	28	12	7	3	1	12	38	250
	0300		892.0		898.9	60.9	52.5	44.3	11.5		57		2.2		16	54	2	27	4	6	14	49	193
	1200		889.9		896.7	73.7	58.5	45.1	11.7		38		2.9		30	54	5	124	17	40	16	66	13
N. W. F. P. (Lower)																							
Kohat	0000‡																						
	0300	1667	953.0		896.9	69.6	58.3	48.9	13.4		51		2.5		8	17	11	30	5	14	10	18	288
	1200		950.5		896.0	81.8	63.2	49.2	13.0		35		3.4		6	71	28	90	27	32	28	24	59
Parachinar	0000	5673	825.6		798.2	50.7	45.5	39.7	9.4		68		1.6		197	14	0	1	0	1	5	15	132
	0300		826.1	+0.4	798.9	55.5	47.7	41.8	9.4	+0.2	59	+2	2.1	—0.2	18	8	3	15	5	7	8	15	286
	1200		825.1		798.6	65.4	53.6	41.9	10.3		43		3.9		8	24	9	262	5	12	2	17	26
Miranshah	0000	3026	906.7		898.5	63.1	56.0	49.8	14.0		63		1.4		3	18	5	59	38	50	4	6	181
	0300		907.2		898.9	64.4	56.4	50.1	13.9	+2.7	52	—1	2.1	+0.3	16	37	12	22	4	22	10	24	215
	1200		904.7		896.6	76.3	64.9	55.9	16.1		51		3.0		4	114	83	103	7	23	4	9	17
Bannu	0000	1263	963.5		1007.6	64.8	58.6	53.1	15.1		68		1.2		23	20	23	9	15	7	95	96	76
	0300		964.9		1008.5	69.8	60.9	53.7	15.8	+1.4	59	+4	1.5	—0.2	15	24	31	33	12	17	87	90	56
	1200		962.6		1005.1	82.8	‡	‡	‡		‡		1.9		10	20	83	143	39	15	14	10	31
Wana †	0000	4503																					
	0300																						
	1200																						
D. I. Khan †	0000	570																					
	0300																						
	1200																						
BALUCHISTAN (NORTH)																							
Fort Sandeman	0300	4614	858.8	+0.7	900.6	60.8	49.5	35.1	8.8	—0.8	43	—18	1.8	+0.2	16	49	10	29	15	61	30	10	143
	1200		856.3		896.6	76.1	53.7	24.6	6.7		18		3.2		27	37	29	30	17	79	40	40	66
Hindubagh	0000	5909	818.3		798.9	51.8	46.5	41.0	9.7		69		1.4		4	7	10	3	3	107	152	50	29
	0300		819.5		800.0	55.7	48.9	42.9	10.6		65		2.0		6	6	27	12	8	815	116	37	38
	1200		817.0		798.3	72.4	60.1	51.1	14.7		50		2.9		5	12	53	14	9	158	87	26	1
Loralai	0000	4699	853.5		898.4	53.2	46.2	36.6	8.7		58		1.0		0	1	2	20	13	48	65	17	199
	0300		854.5		899.2	57.6	48.4	37.9	9.0		51		1.6		2	9	5	6	2	40	124	24	153
	1200		852.2		895.2	74.1	56.8	39.6	9.4		33		2.5		1	1	19	68	63	92	17	21	73

(†) Data not available. (‡) Data incomplete, hence no annual.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE YEAR 1955

SUB-DIVISION AND STATION	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Directions Number of Observations From — N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Sibi	0000	441	992.1		1007.6	70.0	60.5	52.0	15.3		56		0.5		1	3	1	40	4	13	2	16	274
	0300		993.6	+1.2	1009.0	73.0	62.3	53.6	16.2	+2.7	54	+10	1.3	—0.2	2	3	0	30	9	33	2	15	261
	1200		990.1		1004.9	92.1	70.2	54.1	16.2		31		1.4		3	9	1	102	47	94	6	23	70
Quetta (Samungli)	0000	5253	839.1		799.4	47.4	42.7	37.7	8.6		70		1.1		4	8	107	123	17	4	19	14	69
	0300		840.0		800.6	52.7	46.5	40.8	9.8		64		1.7		1	2	68	101	13	9	19	16	136
	1200		837.8		800.1	73.4	56.8	43.7	11.0		36		2.5		23	2	5	25	20	18	114	146	12
Quetta	0300	5490	831.1	—1.4	799.4	57.7	50.6	44.7	11.2	+1.8	64	+3	1.6	—0.1	6	2	1	0	35	7	4	3	306
	1200		828.9		797.9	72.0	54.2	39.4	8.5		34		2.3		78	11	2	7	27	41	31	81	86
Chaman	0000	4311	865.6		897.6	59.5	47.2	31.9	6.6		39		1.1		0	25	178	111	19	6	8	5	9
	0300		867.2	—0.5	899.3	63.9	49.8	33.4	7.1	—1.0	36	—7	1.8	+0.2	6	20	98	70	50	35	15	7	64
	1200		865.2		896.3	77.7	56.4	34.7	7.7		25		2.2		24	11	8	8	18	66	141	83	6
Kalat	0000	6616	798.0		799.6	44.9	38.2	30.2	[illegible]		56		0.2		2	4	5	15	23	57	14	9	74
	0300		799.0	—0.1	800.6	52.0	42.9	32.3	[illegible]	—0.6	52	—1	0.5	—1.0	12	5	10	31	228	10	10	14	45
	1200		797.4		799.0	67.7	49.0	27.9	5.5		26		0.8		66	5	8	7	53	27	69	116	14
Nushki (*)	0000	3416																					
	0300																						
	1200																						
Dalbandin	0000	2785	914.3		897.9	59.8	48.3	33.0	6.7		40		1.1		3	100	5	27	3	29	5	48	145
	0300		915.3	—0.3	898.9	62.1	48.7	33.7	7.0	—1.6	40	—6	1.5	0.0	8	87	9	11	5	22	14	15	194
	1200		912.4		897.0	86.0	59.1	36.4	7.4		19		2.3		6	35	51	35	30	86	21	34	67
Nokkundi	0000	2229	931.4		897.4	65.5	‡	‡					0.2		49	36	6	11	2	1	10	225	25
	0300		933.3		899.0	69.7	53.7	37.1	8.4	—2.3	36	—7	0.3	—1.2	33	53	20	15	1	8	10	193	32
	1200		930.4		897.5	88.2	63.2	41.7	10.3		23		0.3		32	13	16	35	13	21	13	178	44
BALUCHISTAN (SOUTH)																							
Panjgur	0000	3177	902.0		893.5	61.3	51.1	40.1	9.4		48		0.5		45	47	1	1	33	8	14	13	203
	0300		903.3	+0.4	899.8	62.3	50.4	37.0	8.6	—3.7	42	—18	0.3	—1.0	26	132	8	1	7	21	12	21	187
	1200		900.9		897.5	82.9	58.8	34.0	7.2		20		0.5		47	21	1	2	11	108	29	123	23
Turbat	0000	510	991.4		1009.2	69.6	63.0	56.9	17.6		68		1.7		1	77	4	53	10	60	12	1	147
	0300		992.5		1010.2	73.4	64.4	57.0	17.8		60		1.6		1	73	4	31	3	40	15	4	194
	1200		988.6		1005.4	94.9	72.2	56.9	17.7		31		1.2		3	48	1	16	14	152	53	45	33
Jiwani	0000	185	1001.3		1007.6	72.7	68.8	66.5	22.8		80		2.0		39	14	17	44	39	23	64	32	93
	0300		1002.5		1008.8	73.5	68.8	65.5	22.6		77		2.8		54	27	22	43	36	19	47	33	84
	1200		1000.4		1006.5	82.7	71.5	64.1	21.8		56		1.9		3	5	13	67	107	93	69	6	2
Pasni	0000	28	1006.6		1007.5	70.0	66.4	63.6	21.3		83		0.1		22	6	10	1	1	10	41	36	238
	0300		1007.6	—1.1	1008.5	71.1	66.0	62.1	20.2	—2.5	76	—4	0.7	—1.8	21	22	24	14	6	25	78	128	55
	1200		1005.2		1006.0	84.3	72.8	65.6	22.7		56		0.4		6	2	7	51	54	207	31	7	0
Ormara	0000	15	1006.3		1006.8	73.1	71.1	70.2	26.0		91		1.8		0	4	11	2	5	97	80	3	163
	0300		1007.7		1008.2	74.3	72.0	71.0	26.7	+ [illegible].2	90	+9	2.3	—0.8	1	6	19	4	8	85	67	1	174
	1200		1005.5		100.5	84.4	79.5	77.3	32.6		79		1.1		2	1	17	21	66	141	112	0	5

(*) Data rejected. (‡) Data incomplete hence no annual.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE YEAR 1955

Sub-division and station	Hours of observation	Height of bar cistern above mean sea level	Mean Pressure: Station level reduced to standard temperature and gravity	Mean Pressure: Departure from normal	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm. level	Mean Temperature of the Air and Humidity: Dry bulb	Wet bulb	Dew point	Vapour pressure	Departure from normal	Relative humidity	Departure from normal	Total Cloud Amount: Mean amount	Departure from normal	Wind Directions Number of Observations From— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Lasbela	0000	292	997.4		1007.7	66.5	59.2	52.7	14.7		63		1.6		7	6	6	15	4	4	3	6	314
	0300		998.4	—0.8	1008.6	72.0	63.8	57.1	17.9	—3.2	62	—8	2.1	—0.2	49	34	36	48	54	31	30	47	36
	1200		994.5		1004.3	93.5	74.2	62.0	21.0		37		1.7		7	12	35	53	129	68	30	17	24
SIND (LOWER)																							
Karachi (Manora)	0300	13	1008.7	—0.3	1009.2	‡	‡	‡	‡	...	‡	...	2.8	—0.3	8	80	21	0	1	55	81	18	101
	1200		1005.8		1006.3	‡	‡	‡	‡	...	‡		2.8		3	11	12	7	9	126	179	8	10
Karachi (Air Port)	000	73	1004.6		1007.2	70.6	65.9	61.9	21.0		76		2.2		37	25	1	1	1	48	88	14	150
	0300		1006.2		1008.8	72.4	66.4	61.6	20.7		70		3.0		34	20	2	0	2	46	93	13	155
	1200		1003.6		1006.1	85.6	71.6	61.8	20.8		48		2.5		8	27	12	8	26	195	76	8	5
Badin	0000	31	1005.9		1007.0	69.2	64.8	61.5	20.1		77		0.8		44	3	0	1	3	123	38	8	145
	0300		1007.4	—0.3	1008.5	71.4	66.2	62.2	21.1	+0.1	74	+5	1.0	—1.2	56	4	0	3	6	117	52	6	121
	1200		1004.0		1005.5	90.8	73.0	60.9	20.3		42		1.2		96	16	0	2	21	91	70	[illegible]	61
Nagarparkar	0300												0.8										
	1200												0.9										
Umerkot	0000	55	1004.3		1006.2	68.1	63.1	58.6	19.0		73		1.2		24	21	9	1	64	78	1	0	166
	0300		1005.7		1007.6	72.3	65.7	60.0	20.2		67		1.6		36	18	17	1	46	100	2	4	141
	1200		1002.3		1004.3	91.8	23.6	61.9	20.8		39		1.5		41	20	6	0	22	124	36	48	68
Chhor	0000	19	1005.8		1006.5	66.1	61.1	57.0	17.8		73		1.4		7	15	2	0	15	123	7	1	195
	0300		1007.6		1008.3	79.0	63.5	57.4	18.2		64		2.3		8	25	0	2	11	142	11	2	164
	1200		1004.1		1004.8	91.2	70.2	54.6	16.4		33		1.8		19	14	4	2	8	160	40	15	76
Hyderabad	0000	98	1003.3		1006.7	70.4	63.8	58.3	18.6		67		0.8		34	28	12	15	18	129	0	4	125
	0300		1004.7	—0.4	1008.0	72.4	64.6	57.9	19.2	+0.7	63	+1	1.3	—0.3	30	27	14	17	17	131	0	2	127
	1200		1002.0		1005.3	90.8	69.6	53.8	15.7		31		1.4		32	37	17	21	25	139	4	2	88
SIND (UPPER)																							
Pad Idan	0000	153	1000.8		1006.2	66.4	60.8	56.3	17.0		72		0.9		38	13	7	92	21	9	5	19	161
	0300		1002.5		1007.9	70.7	62.9	56.9	17.6		65		1.3		30	25	15	95	29	13	10	27	121
	1200		999.5		1004.7	91.7	69.4	52.8	15.3		30		1.5		55	24	9	51	43	35	22	49	77
Nawabshah	0300	124	1004.3		1008.8	70.3	63.8	59.3	18.6		70		1.6		32	2	4	1	106	4	5	18	184
	1200		1001.5		1005.7	91.5	71.4	58.1	18.1		35		1.9		61	8	5	3	96	11	7	26	138
Sukkur	0300	221	1000.0	—0.4	1007.8	70.9	64.3	59.5	19.0	+0.6	69	+7	2.0	+1.0	25	55	44	89	59	30	5	5	53
	1200		996.7		1004.2	90.6	71.2	58.3	18.4		36		2.0		...	‡	...	...	...	...	...	...	...
Jacobabad	0000	183	1000.0		1006.5	70.9	63.2	57.2	17.4		64		1.0		23	18	60	76	38	8	7	28	107
	0300		1001.7	—0.1	1008.3	72.9	64.2	57.8	18.0	—1.4	61	—1	1.5	+0.3	20	20	69	80	31	9	13	38	85
	1200		998.5		1004.8	92.1	71.6	57.7	17.9		35		1.5		25	15	19	111	65	38	29	36	27
Reti‡	0000	280																					
	0300																						
	1200																						

‡ Data incomplete hence no annual.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE YEAR 1955

SUB-DIVISION AND STATION	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb	%	%											
JUNAGARH																							
Veranal †	0000	26																					
	0300																						
	1200																						
AFGHANISTAN																							
Jalalabad †	0000	1950																					
	0300																						
	1200																						
Kabul	0300	5955	819.8		802.8	50.0	41.5	31.3	6.6	+0.4	51	−3	2.2	+0.1	16	10	5	8	69	83	86	73	15
	1200		817.7		800.1	67.6	49.9	32.6	6.9		29		3.5		100	102	36	26	29	21	8	23	23
Kandhar †	0300	3462																					
	1200																						
ARABIA																							
Mecca	0300	20	1008.2		1008.7	78.9	73.1	69.3	26.2		75		2.0	+0.3	4	25	27	82	3	8	35	29	146
	1200		1006.2		1006.7	82.5	75.3	71.3	29.1		70		7		17	86	64	92	6	0	1	53	40

(†) Data not available.

TABLE IIA—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
COX'S BAZAR (P.B.O.)																							
January	0000	10	1015.4		1015.7	58.4	56.7	55.3	14.9	...	91	...	0.6	...	4	17	6	0	0	0	0	0	4
February			1009.9		1010.3	60.2	58.0	55.3	15.6		88		0.4		6	10	10	0	0	0	0	0	2
March			1009.2		1009.5	69.4	67.4	66.4	21.7		90		2.8		0	5	19	2	4	0	0	0	1
April			1008.0		1008.3	75.2	72.8	71.5	26.1		88		2.3		0	3	14	5	4	0	0	0	4
May			1004.6		1004.9	78.6	76.5	75.5	30.8		91		4.7		0	1	18	4	5	1	0	0	2
June			1000.4		1000.7	79.1	78.0	77.6	32.3		95		6.0		0	0	11	12	7	0	0	0	0
July			1002.2		1002.5	78.1	77.4	77.1	32.0		98		7.1		0	1	9	10	9	0	1	0	1
August			1003.9		1004.2	77.3	76.3	75.7	30.2		95		6.6		0	0	20	7	2	1	0	0	1
September			1005.6		1006.0	77.1	76.6	75.6	30.9		98		5.9		1	3	20	2	2	1	0	0	1
October			1008.4		1008.7	76.5	75.2	74.1	29.5		93		4.2		2	6	15	1	2	0	1	0	4
November			1009.8		1010.1	71.4	70.2	69.3	24.6		95		3.5		4	12	9	3	1	0	0	0	1
December			1013.7		1014.0	59.9	58.5	57.2	16.1		91		0.6		5	8	16	0	1	0	1	0	0
Year			1007.6		1007.9	71.8	70.3	69.2	25.4		93		3.7		22	66	167	46	37	3	3	0	21
January	0300	10	1017.9		1018.2	68.5	52.5	57.6	17.0		70		0.7		10	16	4	0	0	0	0	0	1
February			1012.0		1012.3	72.6	64.0	57.5	16.9		61		0.6		14	9	4	0	0	0	0	1	0
March			1011.3		1011.6	79.6	72.5	69.4	24.6		70		3.4		4	4	5	1	12	1	2	0	2
April			1010.0		1010.3	84.3	77.3	74.2	28.5		71		2.7		4	4	4	0	15	3	0	0	0
May			1006.0		1006.3	85.6	80.1	77.7	33.1		78		4.5		2	0	4	2	16	5	0	2	0
June			1001.4		1001.7	83.2	80.0	79.2	33.6		87		5.8		0	0	5	12	12	0	0	0	1
July			1003.7		1004.0	80.9	79.3	78.7	33.7		93		7.3		0	0	2	10	18	1	0	0	0
August			1005.3		1005.6	82.1	79.0	77.8	32.5		87		6.4		0	0	5	18	5	1	0	0	2
September			1007.4		1007.7	82.8	78.9	77.2	32.0		83		5.3		3	3	7	6	10	1	0	0	0
October			1010.1		1010.4	83.7	78.2	75.1	30.8		77		4.2		6	4	6	5	2	3	0	0	5
November			1011.8		1012.1	78.3	73.5	70.8	25.5		78		3.7		9	11	4	4	2	0	0	0	0
December			1015.8		1016.1	70.2	69.5	60.5	18.2		73		0.7		6	13	11	0	0	0	0	0	1
Year			1009.4		1009.7	79.3	74.6	71.3	27.2		77		3.8		58	64	61	58	92	15	2	3	12
January	0600	10	1016.6		1016.9	77.9	64.4	55.4	14.6		45		1.1		19	5	0	0	0	0	2	5	0
February			1011.4		1011.7	82.2	66.2	55.4	14.6		39		0.4		9	4	0	0	0	1	2	12	0
March			1010.7		1011.0	84.1	75.6	70.6	26.3		66		2.7		4	0	0	2	13	2	5	5	0
April			1009.4		1009.7	87.5	79.5	74.9	30.2		69		2.1		2	0	1	0	10	8	6	2	1
May			1005.5		1005.8	87.8	81.3	78.5	33.8		75		4.8		0	0	0	2	13	8	5	2	1
June			1001.0		1001.3	85.1	81.6	80.4	35.1		85		7.1		0	0	0	2	5	22	1	0	0
July			1003.4		1003.7	82.1	80.6	79.8	34.9		93		7.5		0	0	1	3	23	4	0	0	0
August			1004.6		1004.9	84.5	81.0	79.7	35.1		85		7.0		0	0	2	2	22	2	2	0	1
September			1006.0		1006.3	85.3	80.3	78.2	32.7		79		5.7		2	0	1	4	15	3	3	2	0
October			1009.5		1009.8	86.6	79.1	76.2	31.0		71		4.5		5	0	3	1	6	7	6	2	1
November			1010.3		1010.6	83.2	75.2	70.8	26.0		67		3.4		9	3	2	3	2	3	7	0	1
December			1014.5		1014.8	76.9	65.4	57.8	16.3		51		2.0		13	3	2	0	1	5	4	2	1
Year			1008.6		1008.9	83.5	75.9	71.5	27.5		69		4.0		63	15	12	19	110	65	43	32	6

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of barometer cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
COX'S BAZAR (*contd.*)																							
January	0900	10	1015.2		1015.5	78.6	66.1	57.8	16.6		49		0.9		7	0	0	0	0	0	2	22	0
February			1009.0		1009.3	81.9	67.4	58.2	16.4		44		0.3		4	0	0	0	0	0	5	19	0
March			1008.2		1008.5	84.8	75.3	71.5	25.8		63		3.1		3	0	0	1	11	3	6	7	0
April			1006.9		1007.2	87.0	78.0	74.4	28.7		65		2.1		1	0	0	0	11	7	9	2	0
May			1003.1		1003.4	87.7	81.1	79.1	33.8		75		3.9		1	0	1	1	11	9	7	1	0
June			1000.6		1000.9	84.8	81.3	80.3	35.1		85		6.9		0	0	0	4	22	4	0	0	0
July			1001.7		1002.0	82.1	80.6	79.8	34.9		93		7.5		0	0	0	5	22	4	0	0	0
August			1002.7		1003.0	83.7	80.2	79.1	34.0		85		6.7		0	0	0	2	25	3	1	0	0
September			1003.9		1004.2	85.2	85.2	78.1	32.7		79		6.0		0	0	0	2	14	6	4	4	0
October			1006.5		1006.8	86.7	79.2	75.8	31.0		71		4.4		1	0	0	2	5	6	7	10	0
November			1008.4		1008.7	83.4	75.9	71.9	26.7		69		3.7		0	1	1	2	3	2	11	9	1
December			1012.1		1012.4	77.4	65.9	57.9	16.3		51		2.0		4	0	0	1	6	10	10	10	0
Year			1006.5		1006.8	83.6	76.3	72.0	27.7		69		4.0		21	1	2	19	125	50	62	84	1
January	1200	10	1014.7		1015.0	70.4	64.0	60.0	17.1		68		0.6		19	1	0	0	0	0	0	10	1
February			1008.9		1009.2	73.8	67.6	62.8	20.7		72		0.7		6	0	0	0	0	0	7	15	0
March			1007.9		1008.2	80.1	74.9	71.9	27.4		78		3.0		2	0	0	0	12	3	4	10	0
April			1006.3		1006.7	83.7	77.0	73.6	29.3		73		2.3		2	0	0	0	11	7	7	3	0
May			1002.7		1003.1	85.5	80.3	78.1	32.7		79		3.6		1	0	2	0	13	9	4	2	0
June			999.4		999.7	82.7	80.4	79.4	33.4		89		5.7		0	0	0	9	18	3	0	0	0
July			1001.4		1001.7	81.1	79.7	79.0	33.7		93		6.9		0	0	0	10	18	3	0	0	0
August			1002.4		1002.8	81.7	79.0	78.0	33.3		89		7.0		0	0	2	4	21	3	1	0	0
September			1004.0		1004.3	82.3	78.8	77.4	31.7		85		5.9		0	3	2	4	10	6	2	2	1
October			1007.4		1007.7	82.0	77.8	75.8	30.9		83		5.1		6	1	2	2	4	2	5	5	4
November			1009.1		1009.4	77.8	73.5	71.3	27.1		80		3.6		5	0	3	2	1	3	5	5	6
December			1012.9		1013.3	70.6	64.0	59.3	17.8		69		1.2		3	2	0	0	0	1	7	13	5
Year			1006.4		1006.0	79.3	74.8	72.2	28.0		80		3.8		44	7	11	31	108	40	42	65	17
January	1500	10	1016.0		1016.3	64.9	61.4	58.5	17.1		81		0.3		10	9	9	0	0	0	0	1	2
February			1010.3		1010.6	67.8	63.8	60.7	18.6		79		0.4		10	5	8	0	0	0	0	2	3
March			1009.4		1009.7	75.7	72.7	71.1	26.4		86		2.5		2	1	11	3	8	0	2	3	1
April			1007.9		1008.2	80.2	76.7	74.8	29.6		85		1.7		3	2	3	3	8	4	3	1	3
May			1004.6		1004.9	83.3	79.8	78.4	32.8		85		3.3		0	1	2	1	17	6	2	0	2
June			1000.9		1001.2	80.7	79.2	78.6	33.7		93		6.3		1	0	5	11	12	1	0	0	0
July			1002.9		1003.2	79.9	78.4	78.1	32.6		93		7.2		0	0	5	13	11	2	0	0	0
August			1004.4		1004.7	79.7	77.7	77.5	31.9		91		5.9		0	0	11	15	3	0	1	0	1
September			1006.0		1006.3	80.1	78.1	77.3	31.9		91		4.8		0	1	8	11	4	0	2	0	4
October			1009.1		1009.4	79.3	77.3	76.0	30.8		91		5.5		3	4	9	2	3	1	1	1	7
November			1010.8		1011.1	74.4	73.4	71.4	27.3		95		2.3		3	5	10	2	0	1	1	2	6
December			1014.4		1014.7	65.1	62.1	59.8	17.6		84		0.6		8	6	7	0	1	0	0	2	7
Year			1008.1		1008.4	75.9	73.4	71.8	27.5		88		3.4		40	34	88	61	67	15	12	12	36

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
COX'S BAZAR (*concld.*)																							
January	1800	10	1015.9		1016.2	62.7	59.2	57.4	15.8		80		0.3		4	16	8	0	0	0	0	0	3
February			1010.4		1010.7	64.3	61.3	59.5	17.0		83		0.4		0	10	15	0	0	0	0	0	3
March			1009.4		1009.7	73.2	71.2	69.8	25.0		90		2.3		1	2	13	1	10	1	0	0	3
April			1008.1		1008.4	77.7	75.2	73.8	29.0		89		2.4		3	0	12	1	4	2	1	2	5
May			1004.5		1004.8	81.3	78.3	77.5	31.4		87		4.2		1	1	7	6	9	2	2	0	3
June			1001.1		1001.4	79.8	78.3	78.3	32.6		93		5.0		0	0	7	12	8	0	0	0	3
July			1003.1		1003.4	79.1	78.1	77.7	32.3		95		7.3		0	0	9	10	8	4	0	0	0
August			1004.6		1004.9	78.7	77.2	76.9	31.5		93		6.6		0	0	12	13	5	0	1	0	0
September			1006.3		1006.6	78.5	76.5	75.0	30.8		91		5.1		0	3	14	8	3	0	1	0	1
October			1008.9		1009.2	78.1	76.6	75.8	30.5		93		4.6		0	5	16	2	2	0	0	1	5
November			1010.6		1010.9	73.2	72.2	70.9	26.4		95		2.6		2	3	18	2	1	0	0	1	3
December			1014.1		1014.4	62.5	60.5	58.6	17.4		89		0.6		5	8	14	0	1	0	0	2	1
Year			1008.1		1008.4	74.1	72.1	70.9	26.6		90		3.5		16	48	145	55	51	9	5	6	30
January	2100	10	1014.9		1015.2	60.0	58.0	56.2	15.6		88		0.2		9	11	10	0	0	0	0	0	1
February			1008.8		1009.1	62.0	59.5	57.8	16.2		85		0.2		5	9	12	0	0	0	0	1	1
March			1008.5		1008.8	70.7	67.8	68.2	23.3		90		2.1		2	2	15	4	4	1	0	0	3
April			1007.4		1007.7	75.6	73.6	72.9	27.8		91		2.3		3	4	9	6	4	0	2	0	2
May			1003.5		1003.8	79.5	77.5	763.	30.8		91		4.2		0	1	12	6	5	5	1	0	1
June			1000.2		1000.5	79.2	78.2	77.7	32.3		95		6.1		0	0	9	11	9	0	1	0	0
July			1001.9		1002.2	78.5	77.5	77.6	32.3		95		7.0		0	0	6	13	8	3	1	0	0
August			1003.6		1003.9	77.7	76.2	76.3	30.5		93		6.6		0	0	14	12	4	0	0	0	1
September			1005.4		1005.7	77.6	76.1	75.9	30.5		93		5.8		1	1	16	8	2	0	1	0	1
October			1008.0		1008.3	77.0	76.0	75.4	30.2		95		4.4		3	6	15	2	2	0	0	0	3
November			1010.0		1010.3	72.0	70.5	70.1	24.8		93		3.0		2	4	16	6	0	0	0	0	2
December			1013.1		1013.4	60.8	58.8	57.4	16.2		88		1.0		7	13	10	0	0	0	0	0	1
Year			1007.1		1007.4	72.5	70.9	70.1	25.9		91		3.6		32	51	144	68	38	9	6	1	16
CHITTAGONG (P.B.O.)																							
January	0000	20	1016.2		1016.9	57.0 (*d*)	56.2 (*d*)	55.3 (*d*)	14.9 (*d*)		94 (*d*)		0.6		4	11	0	0	0	0	0	0	16
February			1010.3		1011.0	59.4	58.3	56.9	16.0		94		0.4		2	9	1	0	0	0	0	2	14
March			1009.1		1009.8	68.4	67.2	66.5	22.1		95		2.8		1	7	3	13	1	0	0	0	6
April			1007.7		1008.4	74.8	73.1	72.1	24.1		81		2.3		1	4	1	10	2	0	0	0	12
May			1004.2		1004.9	78.7	77.2	76.5	31.5		93		4.7		0	1	2	19	3	0	1	0	5
June			1000.0		1000.7	79.6	78.5	77.6	33.4		96		6.0		0	0	2	20	4	0	0	0	4
July			1001.6		1002.3	77.7	76.9	76.8	31.3		95		7.1		0	1	1	23	2	1	0	0	3
August			1003.6		1004.3	77.8	76.8	76.3	31.3		95		6.6		0	1	4	23	1	0	0	0	2
September			1005.7		1006.4	76.8	76.5	76.0	30.9		98		5.9		0	3	2	12	1	1	0	1	10
October			1008.6		1009.3	76.5	75.6	75.2	30.2		95		4.2		5	4	3	3	2	0	0	0	14
November			1010.2		1010.9	70.2	69.6	69.1	24.4		97		3.5		5	7	2	0	0	0	2	0	14
December			1014.1		1014.8	59.3	59.0	58.7	16.5		97		0.6		2	14	0	0	0	0	0	1	14
Year			1007.6		1008.3	71.3	70.4	69.7	25.5		94		3.7		20	62	21	123	16	2	3	4	114

(*d*) Observations for 27 days.

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

STATION AND MONTH	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	11	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
CHITTAGONG (P.B.O.) (*contd.*)																							
January	0300	20	1018.3		1019.0	65.6	61.1	58.1	16.6		76		0.7		8	20	0	0	0	0	0	0	3
February			1012.3		1013.0	70.5	64.3	60.3	18.4		71		0.6		9	17	0	1	0	0	0	0	1
March			1011.2		1011.9	78.3	74.4	69.7	26.9		82		3.4		3	8	0	14	1	0	0	0	5
April			1009.8		1010.5	83.3	77.3	74.3	29.0		75		2.7		2	7	0	10	5	2	0	0	4
May			1005.8		1006.5	85.8	80.8	77.8	33.9		80		4.5		0	1	2	10	11	0	0	0	7
June			1001.1		1001.8	84.2	80.2	78.7	33.2		83		5.8		0	0	0	24	6	0	0	0	0
July			1002.9		1003.6	80.4	78.6	77.7	31.9		91		7.3		0	0	0	20	7	1	0	0	3
August			1005.1		1005.8	82.7	78.9	77.2	32.0		83		6.4		0	1	0	26	3	0	0	0	1
September			1007.3		1008.0	82.9	78.8	77.0	32.0		83		5.3		1	5	1	18	2	0	0	0	3
October			1010.2		1010.9	82.7	78.1	75.8	31.3		81		4.2		4	11	3	5	2	0	0	0	6
November			1012.1		1012.8	76.9	72.9	70.5	25.7		76		3.7		4	14	1	6	0	0	0	0	5
December			1016.3		1017.0	67.4	63.5	61.0	17.9		79		0.7		4	19	1	1	0	0	0	0	6
Year			1009.4		1010.1	78.4	74.1	71.5	27.4		80		3.8		35	103	8	135	37	3	0	0	44
January	0600	20	1016.9		1017.6	75.7	65.5	59.3	17.3		57		0.6		16	9	0	0	0	0	1	3	2
February			1011.6		1012.3	80.9	70.9	65.0	31.6		59		0.3		5	10	0	0	0	1	5	7	0
March			1010.4		1011.1	84.5	74.8	69.9	25.8		62		2.7		2	1	0	3	10	4	6	4	1
April			1008.8		1009.5	87.8	79.3	75.6	30.5		67		3.1		2	0	0	1	13	7	6	1	0
May			1005.3		1006.0	88.8	81.8	78.5	34.1		73		3.9		1	1	0	2	15	9	3	0	0
June			1000.5		1001.2	89.6	83.1	80.2	36.2		75		5.9		0	0	1	15	12	2	0	0	0
July			1002.7		1003.4	82.7	79.7	78.7	33.6		87		7.2		0	0	0	11	17	2	0	0	1
August			1004.4		1005.1	84.8	80.2	78.6	33.5		81		6.7		0	0	0	13	13	3	1	0	1
September			1006.4		1007.1	85.8	80.3	77.7	33.1		78		5.7		1	1	0	5	14	2	3	1	3
October			1008.9		1009.6	86.2	79.4	76.9	30.7		75		4.2		4	5	0	6	3	2	2	5	4
November			1010.6		1011.3	82.2	74.4	70.8	25.1		68		3.9		6	9	0	5	2	0	0	3	5
December			1014.7		1015.4	75.6	66.9	61.2	19.1		61		1.7		5	12	1	0	0	2	1	2	8
Year			1008.4		1009.1	83.7	76.4	72.7	29.2		70		3.8		42	48	2	61	99	34	28	26	25
January	0900	20	1014.5		1015.2	77.3	67.0	60.5	17.7		56		0.8		1	0	0	0	0	0	10	20	0
February			1009.1		1009.8	82.2	72.1	67.1	22.3		60		0.8		1	1	0	0	0	3	14	9	0
March			1007.6		1008.3	84.9	73.9	70.3	25.1		61		2.6		0	0	0	2	11	4	12	2	0
April			1006.6		1007.3	87.7	80.4	76.0	32.1		72		2.6		0	0	0	0	13	9	6	2	0
May			1003.0		1003.7	89.1	81.3	78.6	32.5		70		3.7		0	1	0	1	14	11	3	1	0
June			998.8		999.5	85.9	81.6	80.3	34.7		83		5.9		0	1	0	6	15	7	0	0	1
July			1000.8		1001.5	83.1	79.3	78.5	32.0		84		7.0		0	0	0	9	19	2	1	0	0
August			1002.3		1003.0	84.9	80.9	79.0	34.3		83		6.6		0	0	0	6	15	6	3	1	0
September			1003.6		1004.3	86.6	80.6	78.0	33.4		76		5.5		1	0	1	3	10	10	4	1	0
October			1006.5		1007.2	86.7	79.3	75.8	31.0		71		4.5		2	2	0	1	5	1	13	5	2
November			1008.4		1009.1	83.7	74.9	70.0	25.6		65		3.8		4	2	0	4	1	2	6	7	4
December			1012.4		1013.1	76.8	67.2	61.4	18.7		59		1.7		2	1	0	0	0	2	14	12	0
Year			1006.1		1006.8	84.1	76.5	73.0	28.3		70		3.8		11	8	1	32	103	57	86	60	7

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest G.P.km. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
CHITTAGONG (P.B.O.) (*contd.*)																							
January	1200	20	1014.9		1015.6	70.3	64.5	60.6	17.7		70		0.6		3	0	0	0	0	0	8	19	1
February			1008.9		1009.6	75.2	69.3	65.8	21.5		72		0.7		3	0	0	0	0	3	10	10	2
March			1007.4		1008.1	79.9	74.8	72.0	27.4		78		3.0		2	0	0	2	11	7	9	0	0
April			1005.8		1006.5	83.6	78.1	76.0	30.8		77		2.3		0	0	1	1	11	9	5	1	2
May			1002.1		1002.8	85.7	80.4	78.2	33.1		78		3.6		0	1	1	2	12	10	3	1	1
June			998.6		999.3	83.3	80.3	78.8	33.6		87		5.7		0	1	0	6	17	5	0	0	1
July			1000.5		1001.2	81.3	78.9	77.9	32.2		89		6.9		0	0	0	11	15	3	1	0	1
August			1002.1		1002.8	82.1	79.3	77.9	32.5		87		7.0		0	1	0	8	15	4	1	0	2
September			1004.0		1004.7	83.2	79.2	77.6	32.0		83		5.9		0	0	0	5	9	7	5	1	3
October			1007.2		1007.9	82.8	78.4	76.4	31.3		81		5.1		3	0	0	3	3	3	4	5	10
November			1009.1		1009.8	77.7	73.9	71.9	26.9		82		3.6		0	0	0	2	3	0	4	9	12
December			1013.0		1013.7	70.8	65.3	62.3	19.0		73		1.2		5	0	0	0	0	0	8	12	6
Year			1006.1		1006.8	79.7	75.2	72.9	28.2		80		3.8		16	3	2	40	96	51	58	58	41
January	1500	20	1016.3		1017.0	65.2	62.3	60.0	17.6		84		0.1		2	0	0	0	0	0	0	6	23
February			1010.5		1011.2	68.2	65.8	64.5	20.3		87		0.1		0	0	0	0	0	0	2	5	21
March			1009.3		1010.0	75.5	73.0	71.4	26.6		88		2.1		2	0	0	4	8	3	2	1	11
April			1008.0		1008.7	80.0	76.5	75.2	29.6		85		2.4		0	0	0	2	8	7	4	3	6
May			1004.1		1004.8	83.3	79.9	78.6	32.8		85		3.0		0	0	0	5	11	5	3	1	6
June			1000.4		1001.1	81.4	79.4	78.5	33.4		91		4.7		0	1	0	16	12	1	0	0	0
July			1002.5		1003.2	79.5	78.1	77.7	32.0		93		6.5		0	0	0	18	10	1	0	0	2
August			1004.1		1004.8	(a) 79.6	(a) 78.1	(a) 77.7	(a) 32.0		(a) 93		(a) 5.6		0	0	0	19	5	0	0	0	7
September			1006.0		1006.7	81.1	79.1	78.0	32.9		91		4.7		0	0	0	7	9	3	1	0	10
October			1009.1		1009.8	79.8	77.5	76.3	31.4		90		3.4		2	1	0	6	2	1	0	4	15
November			1011.0		1011.7	74.7	72.5	71.4	26.8		89		2.4		2	1	0	5	1	0	0	2	19
December			1014.6		1015.3	65.4	63.2	61.9	18.8		88		0.3		0	1	0	0	0	0	0	0	30
Year			1008.0		1008.7	76.1	73.8	72.6	27.9		89		2.9		8	4	0	82	66	21	12	22	150
January	1800	20	1016.4		1017.1	61.8	59.8	58.7	16.8		88		0.1		1	1	0	0	0	0	0	0	29
February			1010.8		1011.5	65.4	63.9	61.8	19.3		92		0.2		0	0	0	0	0	0	0	0	28
March			1009.3		1010.0	73.4	71.4	70.0	25.4		90		1.6		0	0	0	7	6	0	0	1	17
April			1008.0		1008.7	77.2	74.7	72.9	28.0		88		2.7		1	0	3	5	3	1	3	2	12
May			1004.1		1004.8	81.2	79.2	78.2	32.9		91		3.3		0	1	0	9	8	4	0	0	9
June			1000.6		1001.3	80.2	78.7	78.3	32.6		93		4.4		0	0	1	23	2	0	0	0	4
July			1002.6		1003.3	79.1	77.8	77.5	32.0		94		6.8		0	0	0	22	5	0	0	0	4
August			1004.5		1005.2	(a) 78.8	(a) 77.3	(a) 77.1	(a) 31.5		(a) 93		(a) 5.1		0	0	0	1	21	4	0	0	5
September			1006.4		1007.1	79.3	77.8	77.3	31.5		93		4.6		0	0	0	11	4	1	1	0	13
October			1008.9		1009.6	78.7	76.7	76.3	30.8		91		3.5		3	0	2	5	1	0	0	2	18
November			1010.8		1011.5	72.6	70.8	70.3	25.0		91		2.4		1	1	0	0	1	0	0	2	25
December			1014.5		1015.2	63.0	62.0	61.1	18.5		94		0.6		0	2	0	0	0	0	0	1	28
Year			1008.1		1008.8	74.2	72.5	71.6	27.0		92		2.9		6	5	6	83	51	10	4	8	192

(a) Observations for 30 days.

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
CHITTAGONG (P.B.O.)—(*concld.*)																							
January	2100	20	1015.7		1016.4	57.5	56.8	56.4	15.7		97		0.1		1	3	0	0	0	0	0	0	27
February			1009.9		1010.6	62.6	60.6	59.0	17.4		89		0.0		0	0	0	0	0	0	0	0	28
March			1008.4		1009.1	71.2	69.2	68.4	23.3		90		1.2		0	0	1	5	5	0	0	1	19
April			1006.9		1007.6	75.7	73.5	72.0	27.8		90		2.1		0	0	1	7	2	0	0	1	19
May			1003.2		1003.9	79.7	78.2	77.5	32.6		93		3.2		0	0	0	9	6	0	0	1	15
June			999.5		1000.2	79.4	78.0	77.7	31.5		93		4.7		1	0	3	23	1	0	0	0	3
July			1001.6		1002.3	78.1	77.4	77.2	31.7		97		6.8		0	0	0	22	2	0	0	0	7
August			1003.3		1004.0	(b) 77.9	(b) 76.7	(b) 76.7	(b) 31.0		(b) 94		6.0		0	1	21	3	0	0	0	0	6
September			1005.6		1006.3	78.6	77.1	76.7	31.0		93		5.1		0	0	0	13	5	0	2	0	10
October			1008.0		1008.7	77.6	76.4	75.7	31.3		94		3.5		3	1	2	3	0	0	0	1	21
November			1010.0		1010.7	71.2	70.2	69.5	24.6		95		2.7		0	2	0	1	2	0	0	0	25
December			1013.6		1014.3	60.8	59.8	59.1	17.2		94		0.2		2	3	0	0	0	0	0	0	26
Year			1007.1		1007.8	72.5	71.2	70.5	26.3		93		3.0		6	10	28	86	23	0	2	4	206
BOGRA (P.B.O.)																							
January	0000	65	1015.1	...	1017.4	55.4	53.1	51.0	12.4		84		1.9		0	0	1	0	0	0	0	0	30
February			1008.5		1010.8	56.4	53.1	49.9	11.9		78		0.8		1	0	0	0	0	0	0	0	27
March			1005.6		1007.8	68.8	64.4	61.5	18.7		77		2.6		0	0	1	2	1	2	0	0	25
April			1004.7		1006.9	71.7	65.9	63.1	19.1		71		2.5		0	0	1	4	3	1	0	0	21
May			1000.8		1003.0	78.0	75.8	74.7	29.7		91		5.3		0	1	0	10	2	1	0	0	17
June			996.9		999.1	79.3	77.9	77.3	31.5		93		7.2		0	0	5	3	5	0	0	0	17
July			997.7		999.9	79.3	78.0	77.6	31.5		93		7.4		0	0	0	3	5	0	0	0	23
August			1000.3		1002.5	79.4	78.2	78.0	32.3		95		7.0		0	0	0	4	2	2	0	0	23
September			1002.9		1005.2	79.7	78.1	77.4	32.6		93		5.3		0	0	1	4	0	0	0	0	25
October			1006.7		1008.9	75.9	74.1	73.2	27.8		91		3.3		0	1	0	0	0	0	0	0	30
November			1008.7		1011.0	66.9	65.2	64.2	20.8		92		1.7		2	2	0	0	0	0	1	0	25
December			1012.6		1014.8	56.2	54.4	52.6	13.3		87		0.4		0	0	0	0	0	0	0	0	31
Year			1005.0		1007.3	70.6	68.2	66.7	23.5		87		3.8		3	4	9	30	18	6	1	0	294
January	0300	65	1017.4	+2.1	1019.7	62.9	58.3	54.5	14.7	+0.5	75	—5	2.1	+0.3	7	0	2	0	0	0	0	3	19
February			1010.8	—2.1	1013.1	68.9	59.8	52.4	13.6	—1.1	56	—16	1.1	—0.8	1	1	3	0	0	2	6	1	14
March			1008.0	—1.5	1010.2	77.1	69.0	63.9	20.6	+2.5	65	+2	3.8	+1.8	0	1	5	5	4	6	0	0	10
April			1006.7	+0.2	1008.9	82.6	71.0	63.1	21.1	—3.6	55	—14	2.8	—0.6	0	1	5	10	0	3	2	0	9
May			1002.5	—1.2	1004.7	84.3	78.3	75.6	30.0	+1.2	75	—2	5.7	+1.4	0	2	2	11	5	1	2	1	7
June			998.1	—1.2	1000.3	83.3	79.7	78.2	32.8	+0.5	85	0	7.2	+1.3	0	1	12	8	3	3	0	0	3
July			999.0	+0.4	1001.2	82.0	79.8	79.1	34.1	+0.9	91	+6	7.6	+1.3	0	0	4	5	10	4	0	0	8
August			1001.9	+1.5	1004.1	82.6	79.5	78.7	33.6	+1.4	87	0	7.4	+1.3	0	0	5	7	2	5	0	0	12
September			1004.8	+0.3	1007.1	83.9	79.9	78.4	33.2	+0.3	83	—1	6.3	+1.3	0	2	6	8	0	1	1	0	12
October			1008.6	—0.8	1010.9	81.8	77.1	74.8	30.2	+1.6	81	+1	3.7	+1.1	6	1	3	3	0	2	1	0	15
November			1011.0	—2.0	1013.2	73.5	67.4	67.0	19.9	—0.5	72	—5	2.2	+0.8	8	9	2	1	0	0	0	2	8
December			1015.0	—0.2	1017.3	64.4	60.3	56.9	15.9	+0.6	78	+2	0.3	—0.8	7	7	1	0	0	1	1	3	11
Year			1007.0	—0.4	1009.2	77.3	71.7	68.5	25.0	+0.4	75	—3	4.2	+0.7	29	25	50	58	24	28	13	10	128

(b) Observations for 27 days.

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gp.km. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal.	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Directions Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
BOGRA (P.B.O.) (*contd.*)																							
January	0600	65	1015.7		1018.0	71.0	61.8	54.8	14.7		57		1.8		9	0	2	0	0	0	1	5	14
February			1010.2		1012.5	76.9	61.7	49.7	12.0		38		0.8		0	0	3	0	0	3	10	3	9
March			1007.1		1009.3	86.9	69.6	58.3	17.0		39		2.7		0	0		3	6	3	7	2	10
April			1005.6		1007.8	90.8	70.8	58.7	16.9		34		2.5		0	1	3	8	4	1	0	2	8
May			1001.7		1003.9	90.9	79.1	74.3	28.6		58		5.0		0	0	6	12	5	3	1	1	3
June			997.6		999.8	86.4	81.0	78.6	33.8		78		6.8		0	3	14	6	2	2	0	0	3
July			998.6		1000.8	84.9	81.4	79.2	35.1		85		7.3		0	3	2	8	7	5	0	0	9
August			1001.6		1003.8	83.4	80.0	78.7	33.4		85		7.3		0	0	4	6	5	2	0	0	14
September			1004.0		1006.2	86.6	80.8	78.2	33.7		77		6.2		2	1	6	8	1	1	1	0	10
October			1007.6		1009.8	85.3	77.7	74.0	28.7		70		4.3		3	2	1	6	1	4	0	12	11
November			1009.5		1011.7	78.9	70.6	66.6	21.9		65		2.9		2	15	7	0	0	0	0	1	5
December			1013.7		1015.9	72.2	63.2	57.2	15.6		58		0.6		2	11	2	2	0	2	1	4	7
Year			1006.1		1008.3	82.9	73.1	67.4	24.5		62		4.0		18	33	53	62	28	30	20	18	103
January	0900	65	1013.4		1015.7	76.7	64.4	55.3	15.3		48		2.0		3	0	0	0	0	1	2	8	17
February			1007.1		1009.4	83.7	64.0	48.1	11.7		29		1.2		0	0	0	0	0	3	10	7	8
March			1003.2		1005.4	93.6	70.2	54.5	14.9		27		2.5		0	0	3	0	3	7	8	2	8
April			1002.3		1004.5	96.7	71.8	55.9	15.5		26		3.2		1	0	4	3	1	8	8	1	4
May			999.3		1001.5	93.0	80.2	74.7	29.4		55		4.3		1	2	6	13	2	1	1	0	5
June			995.5		997.7	88.4	81.7	79.1	33.4		74		6.8		...	1	11	12	1	1	0	0	4
July			996.5		998.7	84.9	81.1	79.3	34.7		84		7.5		0	0	4	6	5	3	0	0	13
August			999.2		1001.4	84.7	80.7	78.8	34.3		83		7.3		0	0	6	10	6	1	0	0	8
September			1001.1		1003.3	87.0	80.0	78.6	32.6		74		6.4		1	0	8	4	1	0	1	0	15
October			1005.0		1007.2	86.5	77.5	73.3	28.1		65		4.5		4	3	1	1	1	1	2	5	13
November			1007.1		1009.3	81.7	21.7	66.1	22.0		60		3.5		5	2	5	2	0	1	1	1	13
December			1011.0		1013.2	75.1	63.6	55.0	14.8		50		1.8		5	5	3	0	0	1	2	2	15
Year			1003.4		1005.6	86.0	74.0	66.6	23.9		56		4.2		18	13	51	51	20	28	35	26	123
January	1200	65	1013.6		1015.9	69.0	61.6	56.0	15.3		63		1.8		0	0	0	0	0	0	0	0	31
February			1007.0		1009.2	74.9	61.8	51.3	13.1		44		0.6		0	0	0	0	0	1	0	0	27
March			1003.3		1005.5	87.5	69.8	57.6	16.7		38		1.9		0	0	1	1	0	1	1	0	27
April			1001.5		1003.7	89.8	71.4	58.6	18.0		37		3.0		0	0	2	4	1	2	1	1	19
May			998.1		1000.3	88.4	79.2	74.8	29.8		65		4.5		0	1	3	9	3	1	0	0	14
June			994.9		997.1	85.4	80.9	79.2	33.5		81		6.4		0	1	8	7	0	1	0	0	13
July			996.2		998.4	83.1	79.8	78.3	32.8		85		7.0		0	0	4	3	3	6	0	0	15
August			998.5		1007.7	83.1	79.8	78.5	32.8		85		6.4		0	0	2	4	3	0	0	0	22
September			1000.9		1003.1	84.3	80.1	78.3	33.2		83		5.9		0	0	1	4	0	0	0	0	25
October			1005.0		1007.2	82.3	77.3	74.2	29.4		79		2.7		0	0	0	2	1	0	0	0	28
November			1007.6		1009.8	76.3	71.2	68.1	23.9		75		2.1		0	1	0	0	0	1	0	2	26
December			1011.3		1013.6	67.9	62.1	57.6	16.3		70		0.6		0	1	0	0	0	0	2	0	28
Year			1003.1		1005.4	81.0	72.9	67.7	24.5		67		3.6		0	4	21	34	11	12	5	3	275

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest, Gpkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From — N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
BOGRA (P.B.O.) (*concld.*)																							
January	1500	65	1015.2		1017.5	63.3	58.3	54.3	14.3		72		0.7		0	0	0	0	0	0	0	0	31
February			1008.8		1011.1	65.9	58.1	51.4	13.1		60		0.2		0	0	0	0	0	0	0	0	28
March			1005.4		1007.6	76.6	67.0	60.3	18.0		59		0.9		0	0	1	2	2	0	0	0	26
April			1003.8		1006.0	79.7	68.6	61.4	19.2		55		1.2		1	0	2	5	5	0	1	0	16
May			999.8		10020	83.2	77.2	74.3	29.0		75		3.7		0	0	5	5	3	1	1	0	7
June			996.7		998.9	82.3	79.4	78.6	32.5		87		4.9		0	0	4	6	1	1	0	0	18
July			998.1		1000.3	81.0	79.1	78.3	32.9		91		5.5		0	0	1	1	3	1	0	0	25
August			1000.9		1003.1	81.3	79.3	78.3	32.9		91		5.0			0	0	0	2	1	0	0	28
September			1003.3		1005.5	82.5	79.7	78.8	33.3		88		3.3		0	0	0	4	1	0	0	0	25
October			1006.9		1009.1	79.6	76.9	75.2	30.8		88		2.2		0	0	0	0	0	0	0	0	31
November			1009.1		1011.3	72.3	69.3	67.3	23.2		85		1.5		1	2	0	0	0	0	0	0	27
December			1012.9		1015.1	63.2	59.2	56.1	15.4		78		0.3		0	1	0	0	0	0	1	0	29
Year			1005.1		1007.3	75.9	71.0	67.9	24.5		77		2.5		2	3	12	24	16	5	1	1	301
January	1800	65	1015.2		1017.5	59.6	56.0	53.0	13.7		78		0.9		0	0	0	0	0	0	0	0	31
February			1009.1		1011.4	61.9	55.9	51.1	13.6		75		0.7		1	0	0	0	0	0	0	0	27
March			1005.8		1008.0	73.4	65.8	61.1	18.1		65		1.5		0	0	1	0	2	3	1	0	24
April			1004.7		1006.9	75.7	67.4	61.9	19.1		63		1.7		1	1	1	6	3	1	0	1	16
May			1000.7		1002.9	80.8	76.8	74.9	29.9		83		3.6		0	0	1	5	3	1	1	0	20
June			997.2		999.4	80.2	78.4	77.6	31.9		92		5.6		0	1	6	6	1	0	0	0	16
July			998.6		1000.8	80.2	78.8	78.4	32.6		94		6.1		0	0	1	2	2	3	0	0	23
August			1001.4		1003.6	80.9	79.1	78.5	32.9		92		5.4		0	0	3	4	3	1	0	0	23
September			1003.6		1005.8	81.4	79.4	78.4	32.9		91		4.3		0	0	1	2	0	0	0	0	27
October			1007.2		1009.4	77.8	75.4	74.1	29.0		89		2.3		0	0	0	1	1	0	0	0	29
November			1009.4		1011.6	69.7	67.2	65.7	21.9		87		1.2		1	0	2	0	0	0	0	0	27
December			1013.0		1015.2	59.9	56.5	54.8	14.0		80		0.4		0	0	0	0	0	0	0	0	31
Year			1005.5		1007.7	73.5	69.7	67.5	24.1		82		2.8		3	2	13	26	15	9	2	1	294
January	2100	65	1014.4		1016.7	57.7	54.9	52.1	13.4		83		1.0		2	0	1	9	0	0	0	6	22
February			1008.1		1010.4	60.0	54.7	50.6	12.8		69		0.6		0	0	0	0	0	0	0	0	28
March			1005.1		1007.3	70.9	53.7	61.5	18.4		70		1.5		1	1	1	0	2	5	1	1	19
April			1003.8		1006.0	72.8	66.8	62.9	19.9		72		1.1		1	0	7	3	1	4	0	1	13
May			999.9		1002.1	79.0	76.5	74.9	30.0		89		3.4		0	1	2	9	2	1	0	0	16
June			996.2		998.4	79.8	78.2	77.6	32.6		93		6.2		0	2	11	5	1	1	0	0	10
July			997.4		999.6	99.6	78.2	77.9	32.6		93		7.0		0	0	1	3	9	4	0	0	14
August			1000.4		1002.6	80.1	78.6	78.2	32.6		93		6.2		0	0	3	3	3	2	0	0	20
September			1002.7		1004.9	80.5	78.7	78.0	27.8		92		4.8		0	0	1	5	1	0	0	0	23
October			1006.2		1008.4	76.3	74.4	73.5	27.8		91		1.7		3	0	0	1	0	0	0	2	25
November			1008.7		1010.9	68.0	66.0	64.8	20.9		89		1.3		3	1	0	0	0	0	2	4	20
December			1012.2		1014.4	57.8	55.8	54.0	14.4		88		0.5		5	1	0	0	0	0	1	3	21
Year			1004.6		1006.8	71.9	68.0	67.2	23.6		85		2.9		15	6	27	29	19	17	4	17	231

TABLE IIA—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of barcistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest G.p.m. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calms.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
MULTAN (P.B.O.)																							
January	0000	404	1005.2		1020.5	43.2	41.0	37.8	7.8		82		2.1		2	0	0	0	0	0	0	1	28
February			998.8		1013.8	49.5	45.2	39.8	8.4		69		0.9		0	0	1	1	0	1	0	0	25
March(*b*)			994.8		1009.4	62.6	57.4	52.9	13.8		72		1.7		5	4	1	1	0	0	0	4	14
April(*l*)			993.1		1007.5	67.4	56.7	46.4	10.9		47		0.8		0	1	1	2	1	0	0	4	10
May			988.9		1003.0	74.0	64.4	57.6	16.3		57		2.1		7	2	1	3	0	1	0	5	12
June			980.7		994.3	85.8	75.4	70.1	25.3		59		0.8		2	0	0	2	13	8	0	2	3
July			981.4		995.0	85.3	75.7	71.0	26.0		63		2.2		1	2	0	1	17	3	0	0	7
August			984.1		997.9	83.3	78.6	76.6	31.3		80		3.7		0	5	4	4	6	6	0	0	6
September(*n*)			990.4		1004.4	79.8	72.9	70.1	25.0		74		0.0		0	0	1	2	5	0	0	0	9
October			994.5		1009.0	65.0	60.9	57.9	16.4		78		0.2		4	2	2	1	1	0	0	0	21
November			999.0		1013.9	52.9	49.8	46.7	10.8		80		0.0		0	0	0	1	1	0	0	0	29
December			1002.2		1017.3	48.1	46.7	45.3	10.2		89		1.8		1	1	1	1	0	0	0	1	26
Year			992.8		1007.2	66.3	60.4	56.0	16.8		71		1.4		22	17	12	19	44	19	0	17	189
January	0300	404	1006.7		1022.0	43.2	40.6	37.2	7.5		78		3.3		0	1	0	0	0	0	0	1	29
February			1000.4		1015.4	50.0	45.4	39.4	8.3		67		1.7		1	1	0	0	1	1	0	0	24
March			996.7		1011.4	65.6	59.3	54.2	14.4		66		3.1		7	3	1	2	1	0	1	5	11
April			994.4		1008.6	73.6	59.2	46.2	10.5		38		1.0		4	4	1	4	2	2	0	7	6
May			990.6		1004.5	81.1	66.7	56.7	15.8		50		2.3		2	4	1	4	3	3	2	8	4
June			982.1		995.6	91.1	78.7	73.0	25.3		55		0.6		2	1	0	1	6	17	1	1	1
July			982.9		996.6	87.4	76.3	70.9	25.6		58		1.9		0	5	0	0	17	11	0	0	3
August			985.6		999.3	86.5	79.8	76.9	31.7		81		3.8		4	3	3	1	9	1	0	1	9
September			990.5		1004.3	83.8	76.7	73.3	28.1		71		1.0		1	4	1	4	9	2	0	0	9
October			996.3		1010.5	70.6	64.0	59.3	17.4		68		0.7		4	3	1	2	5	1	0	1	14
November			1000.9		1015.8	56.5	51.6	46.5	11.1		69		0.3		1	0	0	3	0	0	0	1	25
December			1003.9		1019.0	48.8	46.9	45.1	10.1		86		3.3		2	0	2	1	0	1	0	2	23
Year			994.2		1008.6	69.9	62.1	56.6	17.1		66		1.9		28	29	10	22	48	39	4	27	158
January	0600	404	1007.8		1022.6	60.7	51.2	40.6	8.6		47		3.2		5	4	0	2	1	5	0	5	9
February			1001.3		1015.9	69.2	55.5	41.1	8.8		36		1.3		4	1	1	2	6	6	3	2	3
March			997.5		1011.6	79.1	64.9	54.5	14.7		42		3.1		10	3	0	3	3	2	2	4	4
April			995.1		1008.7	88.4	64.4	42.7	9.5		21		1.3		4	3	3	3	5	4	3	3	2
May			990.9		1004.5	91.4	68.9	53.2	14.0		27		2.3		6	4	2	4	3	4	3	5	0
June			982.2		995.4	101.9	80.7	71.5	26.1		38		0.8		1	2	0	2	5	15	1	3	1
July			983.2		996.6	95.4	78.4	70.4	25.4		44		1.1		2	2	0	0	8	16	0	1	2
August			986.1		999.5	92.5	81.8	77.1	32.2		61		4.2		1	5	1	6	6	7	0	2	3
September			990.7		1004.3	91.8	78.6	72.6	27.4		54		1.4		1	3	2	6	6	5	1	3	3
October			996.6		1010.5	84.2	68.3	57.5	16.5		40		0.5		5	4	1	0	7	7	1	2	4
November			1001.5		1015.8	75.1	60.6	48.0	11.6		39		0.4		3	1	1	2	10	2	0	2	9
December			1004.6		1019.3	63.8	55.5	47.7	11.3		55		3.2		4	2	1	6	1	2	0	4	11
Year			994.8		1008.7	82.8	67.4	56.4	17.2		42		1.9		46	34	12	36	61	75	14	36	51

(*b*) Observations for 29 days. (*l*) Observations for 19 days. (*n*) Observations for 17 days.

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	11	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
MULTAN (P.B.O.) (*contd.*)																							
January	0900	404	1005.2		1019.8	66.8	53.1	38.2	7.6		34		3.4		9	7	0	3	2	3	1	4	2
February			999.1		1013.3	76.3	58.1	38.8	8.4		27		1.6		0	8	0	5	4	7	1	1	2
March			995.3		1009.1	85.7	66.0	51.5	13.0		32		3.2		8	8	0	2	5	1	1	5	1
April			992.7		1006.3	94.6	65.1	39.2	7.8		15		1.5		4	6	0	5	1	8	3	2	1
May			988.9		1002.2	96.6	69.1	49.9	11.9		20		1.8		6	5	2	5	1	4	3	2	3
June			981.3		994.2	108.3	82.3	70.3	25.8		31		1.0		2	0	1	3	5	14	3	1	1
July			981.4		994.6	101.9	79.9	70.0	24.8		36		0.9		2	1	1	4	4	16	1	0	2
August			984.2		997.7	95.8	81.8	76.3	30.7		53		4.5		3	2	3	3	4	8	2	2	4
September			988.7		1002.4	96.0	79.0	70.9	26.1		45		2.8		6	3	4	3	6	5	1	1	1
October			994.3		1007.9	90.3	68.6	53.0	14.1		28		0.6		5	3	3	2	3	7	4	2	2
November			999.2		1013.1	81.7	61.5	44.6	9.6		27		0.6		2	2	3	4	8	5	0	1	5
December			1002.0		1016.5	69.0	57.5	46.9	11.0		45		3.6		8	5	2	4	6	3	0	2	1
Year			992.7		1006.4	88.6	68.5	54.1	15.9		33		2.1		55	50	19	43	49	81	20	23	25
January	1200	404	1004.4		1018.9	65.7	53.5	39.2	8.5		39		3.0		3	9	2	3	1	0	0	3	10
February			997.9		1012.0	75.8	57.9	38.4	8.4		27		1.4		1	5	2	7	2	6	1	0	4
March			993.8		1007.6	85.7	66.7	52.5	13.8		33		3.5		3	7	1	7	5	3	0	1	4
April			991.3		1004.5	94.4	65.1	37.4	8.3		14		1.8		4	5	3	2	4	5	1	4	2
May			987.1		1000.5	96.9	69.8	49.7	12.6		21		2.4		6	3	1	4	4	5	1	1	6
June			979.0		992.0	108.2	82.4	69.5	26.1		31		1.4		2	0	0	4	4	16	3	0	1
July			979.7		992.8	102.6	79.6	68.3	24.1		34		0.9		1	1	1	2	11	12	1	0	2
August			983.0		996.4	94.4	81.4	75.7	30.7		55		4.4		2	4	1	4	6	10	0	3	1
September			987.3		1000.8	95.0	78.0	69.7	25.0		44		1.7		3	5	3	1	6	7	0	1	4
October			993.4		1007.1	88.5	68.4	53.4	14.7		32		0.6		1	5	1	1	3	2	1	0	17
November			998.4		1012.4	79.2	62.8	49.7	12.7		35		0.5		1	1	1	0	3	1	0	0	23
December			1001.5		1016.0	67.4	57.5	48.6	11.7		51		3.1		5	11	1	2	5	0	1	2	4
Year			991.4		1005.1	87.8	68.6	54.3	16.4		35		2.1		32	56	17	37	54	67	9	15	78
January	1800	404	1005.7		1020.9	48.0	44.5	40.2	8.4		74		1.5		2	0	2	0	0	0	0	0	27
February			999.2		1014.0	55.9	49.9	43.1	9.6		63		1.1		1	1	0	0	1	0	0	1	24
March			995.5		1009.9	69.0	61.2	55.3	15.0		61		1.2		2	2	0	1	2	1	1	1	19(*b*)
April			993.3		1007.3	78.1	61.1	45.9	10.8		33		0.9		1	3	1	1	0	0	0	1	12(*l*)
May			988.8		1002.7	80.8	67.3	58.8	16.7		47		1.5		2	4	2	3	0	4	0	2	14
June			980.7		994.2	92.8	76.8	68.7	24.2		46		0.5		1	0	2	2	7	5	0	0	13
July			981.2		994.6	91.3	78.0	71.6	26.7		53		1.7		2	1	0	7	3	3	0	0	15
August			984.4		998.2	87.1	80.1	77.3	31.9		72		3.2		1	2	2	4	9	2	0	0	11
September			990.9		1004.6	83.2	75.5	71.5	26.6		69		0.2		0	0	1	2	1	0	0	0	13(*n*)
October			994.8		1009.3	69.4	63.4	59.1	17.3		70		0.5		2	1	1	1	1	0	0	0	25
November			999.8		1014.6	57.7	54.2	50.3	12.7		78		0.1		0	0	0	2	0	0	0	0	28
December			1003.1		1018.1	52.6	50.1	47.7	11.2		83		2.3		1	2	1	1	0	0	0	1	25
Year			993.1		1007.4	72.2	63.5	57.5	17.6		62		1.2		15	16	12	24	24	15	1	6	226

(*b*) Observations for 29 days. (*l*) Observations for 19 days. (*n*) Observations for 17 days.

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0·5 km level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
MULTAN (P.B.O.) (*concld.*)																							
January	2100	404	1005.4		1020.8	45.5	42.8	38.9	8.1		77		1.8		1	0	0	0	0	0	0	0	30
February			998.6		1013.5	53.9	48.4	41.6	9.0		64		1.3		0	1	0	2	0	1	0	1	23
March			995.2		1009.6	65.5	59.0	53.3	14.1		66		1.1		3	2	0	1	1	1	0	4	17[a]
April			992.5		1006.8	73.1	59.1	46.2	10.9		39		0.2		2	4	2	1	1	1	0	0	8[l]
May			998.3		1002.2	77.5	66.0	58.3	16.6		51		1.6		7	2	2	4	0	1	0	2	13
June			980.1		993.6	89.5	75.5	68.6	23.8		50		0.6		1	0	0	1	8	9	0	1	10
July			980.9		994.4	89.3	76.6	70.7	26.2		54		1.5		0	2	0	5	10	5	0	1	8
August			984.5		998.1	85.3	79.8	77.2	32.4		77		3.0		0	3	1	8	7	2	0	0	10
September			990.4		1004.4	80.8	72.8	69.3	23.9		67		0.1		1	0	2	1	3	0	0	0	10[a]
October			994.5		1008.9	66.2	61.7	58.4	14.2		76		0.4		0	4	0	1	1	0	0	0	25
November			999.3		1014.2	54.9	51.4	48.2	10.4		77		0.1		0	0	0	0	1	0	0	0	29
December			1002.4		1017.4	50.5	48.5	46.5	10.7		85		2.3		2	1	2	1	0	0	0	1	24
Year			992.7		1007.0	79.3	61.8	56.4	16.7		65		1.2		17	19	9	25	32	20	0	10	207
FORT SANDEMAN (P.B.O.)																							
January	0000	4615	863.1		907.3	36.1	32.9	26.8	5.0		73		3.1		1	3	1	3	3	1	0	0	15
February			860.1		903.5	41.6	36.6	28.6	5.5		60		0.8		0	0	1	5	1	4	2	0	15
March			858.7		901.1	52.2	47.5	42.5	9.4		71		2.9		1	0	0	2	0	3	2	2	21
April			858.3		900.5	55.3	44.5	29.0	5.4		36		0.6		0	6	0	2	0	3	1	2	16
May			855.7		897.1	61.8	54.1	47.2	11.5		61		1.7		0	2	0	4	0	5	0	1	19
June			851.8		892.0	73.8	61.5	51.9	13.6		47		0.8		0	2	0	2	0	0	0	0	26
July			850.5		890.4	76.2	68.6	64.7	20.7		67		1.0		0	3	0	1	0	2	0	0	25
August			852.5		892.7	75.0	70.8	68.9	24.3		82		3.6		0	6	0	1	0	2	0	0	22
September			856.3		897.2	68.9	64.3	61.4	18.9		78		0.3		0	1	0	2	0	1	0	0	26
October			860.2		902.6	53.6	46.6	38.0	8.2		57		0.2		0	5	0	2	0	0	0	0	24
November			862.0		905.4	44.0	36.6	23.6	4.3		44		0.2		0	0	0	1	1	0	0	0	28
December			861.9		905.7	39.8	36.4	31.0	5.9		71		1.9		0	0	0	0	1	1	1	0	28
Year			857.6		899.6	56.5	50.0	42.8	11.1		62		1.4		2	28	2	25	6	22	6	5	268
January	0300	4615	864.6		908.9	35.3	32.4	25.9	5.0		73		3.9		1	3	0	2	4	0	1	0	29
February			861.1		904.7	42.5	37.2	28.7	5.8		59		2.3		0	0	0	5	4	3	0	0	16
March			860.0		902.4	53.3	48.5	42.6	9.4		68		4.4		0	2	1	1	2	8	2	0	15
April			859.0		900.9	62.0	48.1	29.7	5.8		32		1.5		0	1	0	1	4	8	3	2	11
May			856.9		897.9	68.3	57.4	48.4	11.4		49		2.2		2	3	1	0	0	9	2	1	13
June			852.7		892.3	81.2	64.0	50.7	13.5		37		0.6		0	5	0	0	0	12	2	0	11
July			851.4		891.1	81.6	70.1	64.3	19.6		47		0.7		1	7	0	0	0	1	2	2	18
August			853.9		893.6	77.6	71.5	67.9	24.4		74		3.2		1	9	1	0	0	3	1	0	19
September			857.6		898.2	73.7	65.9	61.2	18.6		65		0.7		1	8	0	0	3	2	1	0	15
October			861.3		903.3	59.3	49.2	37.1	7.8		46		0.2		0	3	0	0	3	6	1	0	18
November			863.7		906.9	47.1	38.4	24.2	4.2		38		0.8		0	0	0	1	3	4	2	0	20
December			863.1		906.9	39.9	36.7	31.3	6.3		75		4.0		0	1	0	2	6	2	0	1	19
Year			858.8		900.6	60.1	51.6	42.7	11.0		55		2.1		6	42	3	12	29	50	17	6	192

(*b*) Observations for 29 days. (*l*) Observations for 19 days. (*a*) Observations for 17 days.

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
FORT SANDEMAN (P.B.O.) *(contd.)*																							
January	0600	4614	865.4		909.0	45.0	38.0	27.0	5.0		47		3.7		1	2	0	0	2	10	6	1	9
February			861.7		904.2	54.5	43.0	28.6	4.9		33		2.3		1	1	1	0	0	3	10	2	10
March			860.2		901.8	63.0	51.5	39.8	8.4		40		4.1		2	0	1	1	1	7	8	2	9
April			859.3		900.1	72.0	50.5	24.5	3.9		13		2.0		1	1	0	0	0	3	7	6	12
May			856.9		897.0	77.4	51.4	38.8	8.0		23		2.4		0	4	1	3	1	12	0	0	10
June			852.4		891.4	90.0	63.0	43.1	8.7		17		1.3		0	2	0	3	0	8	3	1	13
July			851.1		890.0	90.6	69.5	59.0	16.2		31		0.9		1	7	0	4	0	7	0	2	10
August			853.6		893.2	84.2	71.7	65.3	21.5		51		3.7		0	6	1	0	0	7	7	2	8
September			857.7		897.5	83.2	66.7	56.3	15.7		38		0.9		3	7	3	0	0	2	0	1	14
October			861.0		901.8	72.9	54.4	35.7	7.0		24		0.3		1	0	0	0	2	7	9	2	10
November			864.1		905.9	64.1	47.3	23.9	4.1		20		0.7		1	0	0	0	0	8	11	0	10
December			864.1		906.9	50.4	41.9	29.9	5.7		43		4.3		0	2	0	1	0	4	10	1	13
Year			858.7		899.9	70.6	54.6	39.3	9.0		32		4.2		11	32	7	12	6	78	71	20	128
January	0900	4614	863.0		905.8	51.5	42.0	28.2	5.0		39		4.5		7	4	1	1	4	5	2	3	4
February			859.8		901.4	61.8	47.3	28.1	5.0		27		2.9		2	3	1	1	4	6	6	2	3
March			857.9		898.9	70.4	53.9	36.9	7.2		29		5.0		0	0	0	0	5	8	8	5	5
April			857.3		897.6	77.4	55.4	21.1	6.0		18		3.4		0	1	1	1	0	5	8	3	11
May			855.7		895.6	80.9	59.4	39.5	8.3		23		4.0		0	2	0	0	5	5	9	0	10
June			850.5		889.1	94.4	65.2	44.6	10.0		17		3.2		2	1	1	1	4	2	9	1	9
July			849.3		887.7	96.1	69.1	52.2	12.0		22		3.3		3	5	1	2	2	5	2	3	8
August			854.7		893.8	90.2	71.2	60.9	17.1		36		4.9		5	4	2	4	2	5	6	0	3
September			855.5		894.6	89.2	70.7	49.1	12.0		38		2.2		3	4	2	0	4	1	14	1	1
October			858.8		899.1	79.0	62.5	37.3	11.0		34		0.8		2	1	1	0	7	9	7	2	2
November			861.8		902.7	72.3	51.8	25.1	4.8		15		0.6		0	0	0	0	1	7	8	1	13
December			861.7		903.9	57.4	45.4	29.1	5.0		33		4.1		0	0	0	0	0	2	8	3	18
Year			857.2		897.5	76.7	57.9	37.7	8.6		28		3.2		24	25	10	10	38	60	87	24	87
January	1200	4615	862.3		905.0	51.6	42.1	27.1	5.5		41		4.7		5	9	1	1	0	3	6	2	4
February			857.9		900.0	61.7	47.8	29.9	5.8		31		3.8		2	3	1	1	4	6	6	2	3
March			857.1		898.0	69.7	54.2	36.5	8.3		33		5.3		1	2	1	1	6	5	11	1	3
April			856.1		896.3	77.1	53.6	(a) 23.4	4.5		14		3.7		3	0	0	1	2	2	17	4	6
May			853.9		893.8	80.4	59.7	41.1	9.1		26		5.3		1	3	3	1	2	8	5	2	6
June			849.3		887.7	94.7	68.6	49.9	13.6		24		3.5		5	1	0	2	2	5	5	2	8
July			848.4		886.7	95.1	66.9	53.3	11.2		20		3.5		0	5	3	8	4	4	1	0	6
August			850.4		889.4	88.6	70.9	60.9	18.6		39		5.6		2	3	11	2	6	1	2	1	3
September			853.9		893.0	89.3	66.7	50.2	13.1		28		2.2		3	6	3	4	1	6	2	4	1
October			857.9		898.1	78.6	58.6	39.0	9.0		26		0.8		0	0	1	3	5	7	8	3	4
November			860.6		901.6	70.9	52.8	32.4	5.6		21		0.8		0	1	0	1	1	2	3	0	22
December			861.3		903.5	56.2	45.9	30.8	6.2		40		3.9		1	3	1	0	0	2	4	1	19
Year			855.8		896.1	76.2	57.3	39.5	9.2		29		3.6		23	36	25	25	33	51	65	23	85

(a) Mean of 30 days.

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest G.P.K.m. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal.	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Directions Number of Observations From— N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
FORT SANDEMAN (P.B.O.) (*concld.*)																							
January	1800	4614	863.9		907.6	41.9	33.9	30.0	3.1		39		2.9		0	2	2	5	0	1	0	1	20
February			860.0		902.9	49.4	42.4	31.1	6.1		54		2.0		1	4	2	6	3	5	0	1	6
March			859.4		901.3	58.8	50.8	43.0	9.2		57		3.5		1	4	1	0	1	5	6	0	13
April			858.6		899.8	64.6	49.6	30.4	5.6		31		2.1		0	0	1	2	2	3	4	1	17
May			855.9		896.8	69.9	57.4	46.4	10.6		46		2.6		0	3	3	1	0	4	2	0	18
June			851.1		890.6	83.3	66.3	54.2	14.2		40		0.9		1	1	4	4	8	0	4	1	7
July			850.7		890.1	83.1	70.6	63.1	19.8		54		0.8		1	8	0	1	4	1	0	0	16
August			852.7		892.7	78.8	70.8	67.5	22.3		67		2.9		2	4	1	1	3	3	2	1	14
September			856.4		896.8	75.6	66.9	60.0	17.7		63		1.3		0	3	0	0	2	1	2	0	22
October			859.9		901.5	62.8	51.3	39.0	7.9		43		0.3		1	0	0	1	0	4	0	0	25
November			863.7		905.5	52.0	42.0	25.6	4.7		39		0.1		0	0	0	1	0	0	0	0	29
December			862.9		906.2	45.5	41.0	33.2	6.7		67		2.3		0	2	1	1	1	2	2	0	22
Year			857.9		899.7	63.8	53.6	43.6	10.7		50		1.8		7	31	15	23	24	29	22	5	209
January	2100	4614	863.6		907.5	38.3	34.3	27.9	5.1		65		3.6		1	2	1	2	3	1	0	1	20
February			860.0		903.2	44.4	37.9	29.3	5.1		51		2.3		0	1	3	3	3	1	0	0	17
March			859.0		901.4	55.2	48.7	42.9	9.1		61		3.5		0	2	0	0	2	4	4	2	17
April			857.3		899.1	59.7	45.7	28.9	4.8		28		2.2		0	2	1	1	3	2	3	1	17
May			855.8		896.7	68.4	56.9	47.2	11.0		48		2.9		1	1	1	3	3	2	0	0	20
June			850.9		890.8	78.4	62.9	53.1	10.1		40		1.3		1	2	1	1	3	5	1	0	16
July			850.2		890.1	79.3	68.3	63.9	19.1		55		0.9		0	9	1	0	3	2	0	1	15
August			852.3		892.5	76.4	70.4	68.1	23.0		73		3.2		0	9	1	0	3	2	1	0	15
September			856.8		897.4	72.0	65.0	62.0	18.0		68		0.7		0	1	4	1	0	0	1	0	23
October			860.0		902.1	56.9	47.9	38.0	7.4		49		0.2		0	0	0	3	1	0	0	0	27
November			863.0		906.0	47.4	39.4	24.8	4.7		41		0.2		0	0	0	1	3	0	0	0	26
December			862.5		906.1	42.1	38.6	32.8	6.4		72		0.6		0	1	0	1	1	1	0	0	27
Year			857.6		899.4	59.8	51.3	43.2	10.3		54		2.0		3	30	13	16	28	20	10	5	240
KARACHI—(Mauripur)																							
January*	0000	53																					
February*																							
March*																							
April			1006.1		1007.4	71.9	60.7	52.0	13.4		50		0.5		4	1	0	0	1	5	7	3	9
May			1001.5		1002.7	79.2	74.4	71.7	27.0		79		1.0		1	0	0	0	0	7	11	4	8
June			997.2		998.4	82.9	78.4	76.4	31.3		81		3.6		0	0	0	0	0	10	14	2	4
July			997.4		998.6	81.8	77.5	75.3	30.2		82		3.4		0	0	0	0	0	7	20	2	2
August			998.3		999.5	79.7	77.6	76.8	31.9		91		5.1		0	0	0	0	0	6	20	3	2
September			1001.9		1003.1	79.4	76.5	75.1	29.3		87		3.8		0	1	1	0	0	2	18	5	3
October			1006.5		1008.1	71.8	67.0	63.6	20.3		76		0.6		4	2	2	0	1	0	6	5	11
November			1011.4		1012.6	64.4	59.7	55.1	15.3		75		0.0		8	4	0	0	0	2	4	2	10
December			1012.8		1014.9	59.9	54.4	48.3	12.0		68		0.9		6	10	5	1	0	1	0	0	8
Year																							

* Data not available.

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
KARACHI—(Mauripur) (*contd.*)																							
January*	0300	53																					
February*																							
March*																							
April			1008.0		1009.0	75.7	65.9	55.3	17.3		57		1.7		6	3	0	0	0	2	10	5	4
May			1003.0		1004.3	83.6	74.7	70.4	25.1		64		2.2		2	1	0	1	0	9	13	4	1
June			998.2		999.4	85.2	77.0	75.8	31.1		75		4.4		0	0	0	0	1	9	19	1	0
July			998.4		999.7	83.8	77.7	74.8	29.3		75		4.6		0	0	0	0	0	5	24	2	0
August			99.3		1000.5	80.7	77.9	76.7	31.4		87		5.9		0	0	0	0	0	3	22	5	1
September			1002.9		1004.5	80.8	77.3	75.6	29.6		89		4.4		2	1	1	0	0	0	19	5	1
October			1008.2		1009.4	75.0	67.7	62.2	19.6		66		1.2		9	4	1	0	0	1	6	2	8
November			1012.8		1014.2	66.2	59.9	54.1	14.5		66		0.2		10	5	1	0	0	0	4	3	7
December			1014.7		1016.6	59.6	54.2	48.7	12.0		68		2.3		7	15	1	0	0	0	0	1	7
Year																							
January*	0600	53																					
February*																							
March*																							
April			1008.2		1009.9	88.1	69.1	55.6	15.6		34		1.3		5	1	3	0	2	7	7	5	0
May			1003.0		1004.7	92.2	75.2	65.8	21.9		43		0.9		1	3	0	0	2	11	10	3	1
June			997.9		996.6	89.2	79.2	75.0	29.3		63		4.1		0	0	0	0	1	16	12	1	0
July			998.2		999.9	88.0	78.0	73.4	28.2		62		4.1		0	0	0	0	0	10	20	1	0
August			999.3		1001.1	84.7	78.7	76.0	30.5		75		6.4		0	0	0	0	0	9	19	3	0
September			1003.3		1005.1	87.3	77.8	73.1	28.4		63		4.4		1	1	0	1	2	3	17	3	2
October			1008.3		1010.0	90.0	70.5	58.2	16.7		35		1.2		6	3	1	1	2	3	7	5	3
November			1013.1		1014.9	82.3	54.9	54.9	15.0		39		0.2		6	6	2	0	1	6	4	1	4
December			1015.7		1017.5	74.3	61.3	49.9	12.8		43		1.8		2	11	11	0	1	0	1	2	3
Year																							
January*	0900	53																					
February*																							
March*																							
April			1006.3		1008.0	91.2	68.7	52.7	13.6		27		1.2		1	0	1	0	2	15	8	3	0
May			1001.5		1003.2	93.4	74.4	63.9	20.5		38		0.5		0	0	1	0	1	21	6	2	0
June			996.7		998.4	89.6	79.5	76.0	30.4		63		3.7		0	0	0	0	3	20	7	0	0
July			997.2		998.9	88.6	79.1	74.5	29.5		65		3.5		0	0	0	0	0	18	13	0	0
August			998.0		999.8	85.9	78.9	76.3	30.7		72		6.5		0	0	0	0	1	15	13	2	0
September			1001.4		1003.2	89.7	77.2	72.3	26.0		55		4.3		0	0	1	1	3	13	11	1	0
October			1006.1		1007.8	92.0	72.5	61.0	18.4		36		1.3		0	1	1	0	8	13	6	2	0
November			1010.5		1012.3	85.3	61.8	53.0	13.3		33		0.4		1	4	2	1	9	10	2	1	0
December			1012.9		1014.7	78.8	53.0	48.4	11.3		34		2.6		2	3	5	4	9	3	4	0	1
Year																							

*Data not available.

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From — N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.	Mb.	Mb.	%	%	oktas										
KARACHI—(Mauripur) (*contd.*)																							
January*	1200	53																					
February*																							
March*																							
April			1005.4		1006.5	87.3	65.7	49.9	15.1		41		1.5		1	0	0	0	0	19	7	3	0
May			1000.5		1001.7	91.0	76.4	66.9	24.6		49		0.5		0	0	0	0	1	23	6	1	0
June			996.6		997.2	87.8	81.0	74.0	32.9		73		2.0		0	0	1	0	1	22	6	0	0
July			996.7		997.9	87.0	78.7	74.8	29.9		72		3.2		0	0	0	0	0	18	13	0	0
August			997.3		998.6	83.5	78.7	76.6	30.5		79		5.9		0	0	0	0	1	20	9	1	0
September			1000.7		1002.0	87.6	77.6	72.1	28.2		62		3.1		0	1	0	1	1	14	11	2	0
October			1005.8		1007.1	88.3	74.4	66.5	22.3		49		1.4		0	1	0	0	4	15	10	1	0
November			1010.3		1011.5	82.7	67.8	56.6	16.6		43		0.2		0	2	1	0	5	14	7	1	0
December			1012.2		1014.0	76.9	62.7	50.2	13.4		42		2.3		2	1	3	5	9	5	3	3	0
Year																							
January*	1500	53																					
February*																							
March*																							
April			1005.4		1007.2	80.6	68.1	61.2	17.7		50		0.7		0	0	0	0	1	14	12	3	0
May			1000.7		1002.4	85.5	75.5	70.3	25.6		61		1.1		1	0	0	0	0	18	10	2	0
June			996.3		998.1	85.0	79.5	70.9	31.9		77		3.0		0	0	0	0	2	20	8	0	0
July			996.6		998.4	83.8	77.8	75.5	30.0		75		3.5		0	0	0	0	0	17	14	0	0
August			997.8		999.6	81.6	78.1	77.3	31.7		85		5.8		0	0	0	0	0	19	12	0	0
September			1001.3		1003.1	82.8	77.8	75.6	30.5		81		3.0		0	0	0	0	2	12	12	4	0
October			1006.5		1008.3	80.9	72.9	69.5	24.1		67		0.7		0	1	0	0	3	10	16	1	0
November			1011.4		1013.2	75.2	59.9	59.3	17.2		53		0.1		2	2	1	0	2	4	12	2	5
December			1013.3		1015.1	69.9	59.3	52.3	13.2		59		0.9		1	1	6	1	4	2	7	1	8
Year																							
January*	1800	53																					
February*																							
March*																							
April			1006.7		1008.5	77.6	68.1	62.9	19.1		60		0.7		2	0	0	0	1	7	9	8	3
May			1001.5		1003.3	82.9	75.4	71.9	26.7		69		0.7		0	0	0	0	0	12	13	5	1
June			997.6		999.4	84.3	79.3	77.1	32.1		79		3.1		0	0	0	0	2	18	9	0	1
July			997.9		998.7	80.4	75.9	73.2	28.6		80		2.8		0	0	0	0	0	14	17	0	0
August			998.9		1000.7	80.9	77.9	77.2	31.4		87		4.9		0	0	0	0	0	13	17	1	0
September			1002.5		1004.3	81.0	77.5	76.1	30.6		85		2.7		0	1	0	1	1	3	18	4	2
October			1007.5		1009.3	76.6	70.6	68.0	23.2		73		0.5		2	1	0	0	2	5	8	3	10
November			1012.1		1013.9	69.5	57.7	57.8	16.7		63		0.0		2	3	0	0	0	1	7	0	17
December			1014.3		1016.1	64.7	57.8	51.6	13.3		67		0.9		4	4	3	0	1	1	4	2	12
Year																							

* Data not available.

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest, Gplm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.	Mb.	Mb.	%	%	oktas.										
KARACHI—(Mauripur) (*concld.*)																							
January*	2100	53																					
February*																							
March*																							
April			1005.9		1007.7	75.0	66.5	60.5	18.4		65		0.6		1	0	1	0	4	7	6	4	7
May			1001.3		1003.1	80.8	75.3	72.8	27.7		76		1.3		0	0	0	0	1	8	8	5	9
June			996.9		998.7	83.5	79.5	76.9	32.6		83		3.0		0	0	0	0	0	2	13	15	0
July			997.4		999.2	79.8	75.3	73.1	28.1		80		2.6		0	0	0	0	0	12	19	0	0
August			998.3		1000.1	80.2	78.2	77.2	31.9		91		5.3		0	0	0	0	0	9	19	1	2
September			1001.9		1003.7	80.3	77.3	76.4	30.8		87		2.7		0	1	0	1	1	1	18	6	2
October			1006.9		1008.7	74.3	70.3	68.0	23.7		81		0.6		1	3	0	0	1	3	13	4	6
November			1011.2		1013.0	66.3	56.8	56.8	16.4		74		0.0		2	3	1	0	1	2	7	1	13
December			1013.5		1015.3	62.1	56.1	50.6	12.6		66		0.5		7	8	2	0	0	0	1	0	13
Year																							
KARACHI (DRIGH ROAD)																							
January	0600	24	1017.3		1017.9	58.0	51.8	44.9	10.5		64		1.9		11	17	0	0	0	0	0	2	1
February			1010.9		1011.8	59.9	54.9	49.1	12.5		71		0.5		8	5	0	0	0	1	3	3	8
March			1008.0		1008.6	70.9	67.0	64.6	20.8		80		0.5		4	6	1	0	0	6	9	0	5
April			1006.5		1007.4	72.0	66.0	61.6	19.1		72		0.8		3	1	0	0	0	10	3	5	8
May			1001.9		1002.8	79.1	74.4	71.9	27.1		79		1.2		0	1	0	0	2	15	6	1	6
June			997.5		998.4	82.9	78.8	77.0	32.0		93		3.0		0	0	0	0	0	26	4	0	0
July			997.7		998.6	82.1	77.5	75.5	30.2		81		3.4		0	0	0	0	1	21	8	0	1
August (h)			998.7		999.6	79.9	77.0	75.8	30.3		87		4.3		0	0	0	0	0	8	15	0	0
September			1002.3		1003.2	79.8	76.3	74.6	29.6		85		3.8		0	1	2	0	0	11	12	4	0
October			1007.1		1008.1	72.3	65.7	60.7	18.5		69		0.7		10	4	0	0	0	1	3	3	10
November			1011.7		1012.7	64.9	59.2	54.0	14.9		71		0.1		9	11	0	0	0	0	2	3	5
December			1014.1		1015.1	60.0	54.7	49.3	12.0		68		1.3		15	13	1	0	0	0	0	0	2
Year			1006.1		1007.0	71.8	66.9	63.3	21.5		76		1.8		60	59	4	0	3	99	65	21	46
January	0300	24	1018.4		1019.5	57.6	51.3	44.2	10.1		62		2.7		9	19	0	0	0	0	0	1	2
February			1012.3		1013.3	60.2	54.2	47.7	11.6		65		1.0		4	4	2	0	0	0	3	1	14
March			1009.6		1010.5	72.5	67.2	64.0	20.5		74		1.7		5	5	0	0	0	3	5	2	11
April			1008.1		1009.1	76.5	67.9	62.0	19.5		63		1.8		4	2	1	0	0	8	6	5	4
May			1003.4		1004.3	83.8	75.4	70.4	26.1		66		2.1		0	1	0	0	1	11	10	6	2
June			998.5		999.4	85.3	79.5	77.0	31.1		75		4.2		0	0	0	0	1	25	4	0	0
July			998.7		999.6	84.1	78.0	75.4	30.0		75		4.5		0	0	0	0	0	22	8	1	0
August			999.7		1000.6	81.2	77.2	75.4	29.9		83		5.4		0	0	0	0	0	7	23	1	0
September			1003.6		1004.5	81.2	76.7	74.7	29.1		80		4.2		4	1	2	0	0	8	12	1	2
October			1008.6		1009.5	75.9	66.0	59.0	17.3		57		0.9		8	8	1	0	1	1	1	2	9
November			1013.4		1014.3	67.1	59.3	52.8	13.5		60		0.2		13	10	1	0	0	0	1	0	5
December			1015.7		1016.6	60.6	54.8	48.8	12.1		66		1.9		13	15	1	0	0	0	0	0	2
Year			1007.5		1008.4	73.8	67.3	62.6	20.9		69		2.5		60	65	8	0	3	85	73	20	51

* Data not available. (h) Observations for 23 days

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal.	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Directions Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.	Mb.	Mb.	%	%	oktas.										
KARACHI (DRIGH ROAD) *(contd.)*																							
January	0600	24	1019.3		1020.2	70.4	57.4	45.3	9.5		40		2.6		3	22	3	3	0	0	0	0	0
February			1013.4		1014.3	77.1	61.1	47.2	10.3		35		0.9		4	7	3	1	0	2	8	1	2
March			1010.5		1011.4	86.3	70.3	59.6	17.3		42		1.8		2	6	3	1	0	4	8	4	3
April			1008.7		1009.6	88.9	69.9	57.6	15.7		35		1.3		4	0	2	0	0	12	3	6	3
May			1000.4		1001.3	93.6	74.1	63.6	19.1		37		1.1		3	2	0	0	1	16	6	2	1
June			998.5		999.4	89.7	79.7	76.0	29.2		63		3.9		0	0	0	0	2	25	3	0	0
July			998.9		999.8	88.7	77.7	73.5	26.6		59		3.6		0	0	0	0	1	21	9	0	0
August			1000.1		1001.0	85.7	77.7	74.2	28.0		68		6.1		0	0	0	0	1	12	17	1	0
September			1003.9		1004.8	88.5	76.0	71.2	24.2		55		4.1		2	1	2	1	1	5	16	2	0
October			1009.0		1009.9	90.9	69.4	55.2	14.1		30		0.8		2	6	0	0	2	5	5	8	3
November			1013.8		1014.7	83.3	66.3	54.0	13.7		37		0.2		4	7	2	1	1	7	6	1	1
December			1016.6		1017.5	75.3	61.8	50.4	12.0		42		1.6		1	15	7	1	1	1	1	3	1
Year			1007.8		1008.7	84.9	70.1	60.7	18.3		45		3.2		25	66	28	8	10	110	82	28	14
January	0900	24	1016.3		1017.2	74.4	59.9	48.1	11.2		38		3.2		4	17	2	2	1	3	0	2	0
February			1010.9		1011.8	82.4	63.9	50.4	11.5		31		0.9		1	1	3	3	3	13	3	0	1
March			1008.2		1009.1	90.4	72.4	62.1	19.0		39		1.7		0	2	4	1	2	17	5	0	0
April			1006.8		1007.1	93.2	72.7	60.6	18.0		34		1.2		0	2	0	1	2	17	6	1	1
May			1001.8		1002.7	95.0	76.5	68.5	22.5		41		0.5		1	0	0	0	1	25	4	0	0
June			997.3		998.2	91.2	81.2	77.7	31.6		63		2.7		0	0	0	0	1	27	2	0	0
July			997.8		998.7	89.8	78.8	75.2	28.0		60		2.9		0	0	0	0	1	28	2	0	0
August			998.7		999.6	87.3	78.3	75.4	29.5		65		6.1		0	6	0	0	1	24	0	0	0
September			1002.0		1002.9	91.1	77.1	70.8	25.1		51		3.7		0	2	0	1	3	19	5	0	0
October			1007.0		1007.9	94.2	70.7	56.2	14.6		27		1.0		0	4	1	2	8	12	3	1	0
November			1011.2		1012.1	86.5	66.0	52.3	12.4		30		0.3		2	5	3	2	3	14	1	0	0
December			1013.3		1012.4	79.4	62.9	50.5	12.0		35		2.3		7	6	5	4	6	1	1	0	1
Year			1005.9		1006.8	87.9	71.7	62.3	19.6		43		2.1		15	45	18	16	32	200	32	4	3
January	1200	24	1015.7		1016.5	73.8	60.3	46.9	11.9		41		2.4		2	13	4	0	1	11	0	0	0
February			1009.7		1010.5	80.0	64.4	51.8	13.7		39		1.1		1	0	4	1	1	18	3	0	0
March			1007.4		1008.0	86.8	68.6	62.3	14.6		37		2.0		0	1	1	1	0	25	3	0	0
April			1005.5		1006.4	89.4	72.3	60.3	19.5		41		1.3		0	2	0	0	0	24	3	1	0
May			1000.7		1001.6	92.2	77.0	68.1	24.9		48		0.9		0	0	0	0	1	27	3	0	0
June			996.3		997.1	88.6	80.7	76.8	31.7		67		3.2		8	8	0	0	2	27	0	0	1
July			997.2		997.9	87.4	78.7	75.0	29.4		67		3.4		0	0	0	0	3	26	2	0	0
August			997.6		998.5	84.4	77.8	74.8	29.3		73		5.2		0	0	0	0	2	25	3	1	0
September			1001.0		1001.8	88.3	76.7	70.6	25.9		57		3.0		0	1	1	0	3	20	4	1	0
October			1006.3		1007.3	89.7	71.1	58.8	18.0		37		0.9		0	1	0	1	3	25	1	0	0
November			1010.6		1011.5	83.1	68.1	57.2	16.6		43		0.2		0	2	3	3	2	22	1	0	0
December			1012.7		1013.6	77.3	62.8	49.7	12.8		40		2·1		1	3	7	1	7	9	2	1	0
Year			1005.1		1005.9	85.1	71.5	62.7	20.7		49		2.2		4	23	20	4	25	259	25	4	1

TABLE II-A—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0·1km. level	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	11	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.	Mb.	Mb.	%	%	oktas.										
KARACHI (DRIGH ROAD) (*contd.*)																							
January	1500	24	1017.3		1018.2	66.7	56.2	48.0	11.0		51		1.5		3	11	2	0	0	9	3	3	0
February			1010.8		1011.7	71.3	62.3	55.6	15.4		60		0.5		1	0	0	0	1	15	7	3	1
March			1008.3		1009.2	79.4	70.4	66.3	22.0		64		1.4		1	1	0	0	0	21	8	0	0
April			1006.3		1007.2	81.3	71.0	64.8	21.0		59		0.5		0	0	0	0	0	21	9	0	0
May			1001.7		1002.6	85.6	76.0	71.6	25.8		63		1.1		1	0	0	0	0	23	7	0	0
June			997.5		998.3	85.3	79.2	77.3	32.0		77		4.1		0	0	0	0	2	28	0	0	0
July			997.7		998.6	83.8	77.2	75.4	29.4		75		3.4		1	0	0	0	0	27	3	0	0
August(*h*)			999.0		999.9	82.0	77.0	75.5	30.0		82		5.4		1	0	0	0	0	16	5	1	0
September			1002.4		1003.3	83.6	76.1	74.2	28.0		71		2.5		1	0	0	1	2	17	7	1	1
October			1007.6		1008.5	81.2	72.0	66.7	22.0		63		0.9		0	0	0	0	4	18	6	2	1
November			1012.4		1013.3	75.5	67.0	60.6	18.0		62		0.1		2	2	1	0	1	13	7	2	2
December			1014.7		1015.6	70.1	60.0	53.2	13.1		55		1.0		1	5	3	1	1	9	6	2	3
Year			1006.3		1007.2	78.8	70.4	65.8	22.3		65		1.9		12	19	6	2	11	217	68	14	8
January	1800	24	1017.8		1018.7	62.4	54.9	46.7	11.0		59		1.9		4	21	1	0	0	0	0	0	5
February			1012.1		1013.0	66.3	60.3	55.4	14.8		69		0.2		4	1	1	0	1	6	2	8	5
March			1009.2		1010.1	76.1	70.6	66.6	22.5		75		0.9		3	1	0	0	0	10	13	0	4
April			1007.6		1008.5	77.8	68.3	62.8	19.0		60		0.6		0	1	0	0	1	11	8	6	3
May			1002.9		1003.8	83.2	76.7	72.7	28.1		73		1.0		0	1	0	0	1	17	10	1	1
June			998.2		999.1	84.3	79.3	77.3	31.5		79		3.3		0	0	0	0	2	27	1	0	0
July			999.0		999.9	83.0	78.0	76.1	30.0		79		2.5		0	0	0	0	2	25	4	0	0
August(*h*)			1000.2		1001.1	81.4	77.9	76.1	30.6		85		5.0		0	0	0	0	1	14	8	0	0
September			1003.4		1004.3	81.7	76.7	75.2	29.0		80		2.7		1	0	1	0	1	18	7	2	0
October			1008.5		1009.4	77.4	70.4	66.0	21.7		69		0.6		7	2	1	2	1	5	3	1	9
November			1013.0		1013.9	70.5	63.5	58.5	16.4		66		0.0		8	6	0	0	0	2	5	2	7
December			1015.2		1016.1	65.7	58.7	52.8	13.2		64		0.8		8	12	2	0	1	0	3	2	3
Year			1007.3		1008.2	75.8	69.6	65.5	22.3		71		1.6		35	45	6	2	11	135	64	22	37
January	2100	24	1017.1		1018.0	59.8	52.8	45.8	9.8		60		1.2		4	24	0	0	0	1	0	0	2
February			1011.0		1011.9	63.8	58.3	53.6	13.5		70		0.4		7	1	1	0	0	4	3	4	8
March			1008.4		1009.3	73.8	68.3	65.4	20.5		74		0.8		2	2	0	0	0	11	7	4	5
April			1006.7		1007.6	74.7	67.2	63.2	18.5		66		0.8		3	1	0	0	0	10	5	9	2
May			1001.7		1002.6	80.8	75.3	73.1	26.8		76		1.0		0	0	0	0	1	17	10	0	3
June			997.6		998.5	83.5	78.5	77.3	30.2		79		2.6		0	0	0	0	1	24	5	0	0
July			998.3		999.2	82.5	77.5	75.9	29.1		79		2.6		0	0	0	0	1	26	4	0	0
August(*h*)			999.1		1000.0	80.5	77.0	76.0	29.3		85		4.7		0	0	0	0	0	11	11	0	1
September			1002.7		1003.6	80.8	76.0	75.2	28.3		81		3.1		0	0	2	0	1	14	9	3	1
October			1007.7		1008.6	74.3	67.8	63.5	19.6		69		0.7		7	3	1	1	1	4	6	3	5
November			1012.1		1013.0	67.4	60.9	56.3	14.6		67		0.1		10	6	0	0	0	1	4	2	7
December			1014.3		1015.2	62.8	56.3	51.1	12.6		65		0.9		9	15	1	0	0	1	0	3	2
Year			1006.4		1007.3	73.7	68.0	64.7	21.1		73		1.5		42	52	5	1	5	124	64	28	36

(*h*) Observations for 23 days.

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0 gm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas.										
DACCA (P.B.O.)																							
January	0600	27	1016.8		1017.7	73.9	61.4	51.6	13.0		45		1.8		15	4	1	0	0	0	2	8	1
February			1011.0		1011.9	79.9	61.4	44.6	10.3		29		1.1		3	4	0	0	0	6	6	9	0
March			1008.5		1009.4	87.3	71.8	62.0	19.3		44		3.7		4	1	1	5	7	9	2	1	1
April			1007.2		1008.1	88.0	75.5	68.5	24.5		54		3.2		1	1	1	1	11	7	3	3	2
May			1003.4		1004.3	88.9	80.4	77.0	31.7		67		5.7		1	1	1	3	13	9	3	0	2
June			998.8		999.7	86.3	81.3	78.6	33.9		80		6.6		0	1	3	14	6	2	1	1	2
July			1000.4		1001.3	84.7	79.7	78.4	32.7		79		7.7		0	0	1	6	14	7	1	0	2
August			1002.9		1003.8	85.1	80.1	77.7	32.7		79		7.1		0	0	2	11	9	5	1	0	3
September			1005.2		1006.1	86.5	79.5	77.5	31.8		72		6.7		2	1	5	8	5	5	0	0	4
October			1008.2		1009.1	86.3	78.8	74.7	29.9		70		5.7		5	4	3	6	1	3	3	5	1
November			1010.0		1010.9	81.3	71.3	65.4	21.4		59		4.8		8	9	1	4	0	1	3	1	3
December			1014.3		1015.2	74.8	62.3	53.3	13.7		46		2.5		10	4	3	0	0	0	7	4	3
Year			1007.2		1008.1	83.6	73.6	67.4	24.6		60		4.7		49	30	22	58	66	54	32	32	22
January	0900	27	1014.2		1015.1	76.1	61.6	50.1	12.1		39		1.6		11	2	0	0	0	1	2	14	1
February			1008.3		1009.2	82.6	61.1	42.0	9.0		23		1.2		3	0	1	0	0	2	10	11	1
March			1005.3		1006.2	90.5	71.5	61.0	18.2		36		3.1		2	1	2	2	9	9	0	5	1
April			1004.7		1005.6	91.2	75.2	66.5	22.4		45		3.4		1	0	1	1	13	6	4	2	2
May			1000.9		1001.8	90.7	80.7	76.8	31.6		63		4.7		1	0	2	6	13	8	1	0	0
June			996.8		997.7	86.2	80.7	78.2	33.1		78		6.4		0	0	5	10	12	2	1	0	0
July			998.3		999.2	85.3	80.3	78.2	32.7		79		7.4		0	0	2	3	19	6	0	0	1
August			1000.7		1001.6	84.9	79.4	77.5	31.9		77		7.1		1	0	2	7	11	8	0	1	1
September			1002.3		1003.2	87.1	80.1	77.1	31.8		72		6.4		0	1	3	6	4	7	4	1	4
October			1005.8		1006.7	86.3	78.3	73.6	29.1		68		4.9		4	3	0	4	1	4	7	6	2
November			1007.8		1008.7	52.1	71.1	64.7	20.9		56		4.2		6	3	2	3	1	1	3	4	7
December			1011.8		1012.7	76.3	63.3	53.2	13.8		45		2.4		6	3	1	0	0	0	4	10	7
Year			1004.7		1005.6	84.9	73.6	66.6	23.9		57		4.4		35	13	21	42	83	54	36	54	27
January	1500	27	1016.1		1017.0	61.3	57.8	55.0	14.6		80		0.8		3	1	2	1	0	0	2	5	17
February			1009.9		1010.8	65.3	57.8	51.2	12.8		61		0.6		0	0	0	0	3	2	0	7	16
March			1007.2		1008.1	76.6	67.1	62.0	18.7		59		2.5		1	0	2	6	13	2	1	2	4
April			1005.7		1006.6	77.8	70.8	66.8	22.7		69		3.4		0	1	0	6	13	4	0	1	5
May			1001.7		1002.6	81.7	77.2	75.0	30.2		81		4.2		0	0	2	11	9	1	0	1	7
June			998.5		999.4	81.3	79.3	77.6	32.9		91		5.2		0	0	0	12	11	0	1	0	6
July			1000.2		1001.1	81.2	79.2	78.2	32.9		91		5.9		0	0	0	8	17	3	0	0	3
August			1002.5		1003.4	81.1	79.1	77.7	32.9		91		5.9		0	0	0	7	14	0	0	0	10
September			1004.7		1005.6	81.7	78.7	78.0	32.5		87		5.7		0	0	0	10	5	0	0	1	14
October			1008.1		1009.0	79.0	76.5	75.0	30.0		89		3.2		2	0	0	4	3	0	0	1	21
November			1010.2		1011.1	71.1	68.6	67.2	22.7		87		1.7		4	0	1	0	0	0	0	1	24
December			1014.1		1015.0	61.0	58.0	55.8	15.1		82		0.5		1	0	0	0	0	0	0	1	29
Year			1006.6		1007.5	74.9	70.8	68.3	24.8		81		3.3		11	2	7	65	88	12	4	20	156

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of barometer above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From — N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
DACCA (P.B.O.) (*concld.*)																							
January	1800	27	1016.1		1017.0	57.5	55.0	53.3	13.4		84		0.7		7	0	0	0	1	0	2	4	17
February			1010.1		1011.0	61.1	55.5	51.5	12.6		69		0.5		6	1	0	2	2	0	3	3	11
March			1007.2		1008.1	73.7	67.2	63.0	20.1		70		2.3		0	0	1	3	15	4	1	1	6
April			1005.8		1006.7	75.7	71.2	68.2	24.3		79		2.3		0	1	1	2	15	4	1	0	6
May			1002.1		1003.0	80.0	77.5	76.3	31.1		89		3.8		1	0	0	10	13	0	0	0	7
June			998.4		999.3	80.7	78.7	77.7	32.9		91		6.2		0	0	0	11	16	1	1	0	1
July			1000.4		1001.3	80.2	78.7	78.1	32.6		93		6.6		0	0	0	7	17	5	0	0	2
August			1002.8		1003.7	80.4	78.9	77.8	32.6		93		6.1		0	0	1	5	16	0	0	0	0
September			1005.0		1005.9	80.6	78.6	78.3	32.9		91		5.2		0	1	2	6	6	0	1	0	14
October			1008.1		1009.0	77.8	75.8	74.9	29.7		91		3.5		3	0	1	3	0	1	0	1	22
November			1010.2		1011.1	69.3	67.3	66.2	21.7		90		1.1		7	1	1	0	0	0	1	2	18
December			1014.0		1014.9	58.3	56.3	54.4	14.4		88		0.5		0	0	0	0	0	0	0	1	30
Year			1006.7		1007.6	72.9	70.1	68.3	24.9		86		3.2		24	4	7	47	101	15	10	12	143
January	2100	27	1015.2		1016.1	55.0	53.5	51.8	13.3		90		0.6		8	2	0	0	1	1	0	6	13
February			1009.2		1010.1	57.5	54.5	50.9	12.9		81		0.5		10	1	0	1	2	2	1	3	8
March			1006.3		1007.2	70.8	67.3	65.0	21.4		83		3.3		0	1	1	4	11	7	1	1	5
April			1005.2		1006.1	73.4	70.9	68.8	24.3		88		3.1		2	0	4	7	6	4	1	0	6
May			1001.4		1002.3	79.0	77.5	76.6	31.5		93		4.1		1	0	1	3	15	2	1	0	8
June			997.6		998.5	80.1	79.1	78.6	33.4		96		6.8		0	0	3	10	8	2	0	0	7
July			999.3		1000.2	79.8	78.3	78.0	32.6		93		7.5		0	0	0	5	19	4	0	0	3
August			1001.7		1002.6	79.6	78.1	77.6	32.6		93		6.9		0	0	0	8	14	0	0	0	9
September			1003.9		1004.8	80.0	78.5	78.2	32.6		93		3.0		1	1	1	5	6	1	1	0	14
October			1007.3		1008.2	76.9	75.4	74.8	29.5		93		3.1		2	1	1	2	0	2	0	1	22
November			1009.4		1010.3	68.1	66.1	65.5	20.9		89		1.4		4	1	0	1	0	0	1	2	21
December			1013.0		1013.9	56.0	54.5	53.3	13.8		90		0.5		2	3	0	0	0	0	0	1	25
Year			1005.8		1006.7	71.3	69.5	68.3	24.9		90		3.4		30	10	11	46	82	25	6	14	141
LAHORE (P.B.O.)																							
January	0600	702	996.5		1021.7	59.6	51.3	43.3	9.2		54		3.6		2	5	0	0	2	3	3	5	11
February			990.5		1015.2	69.5	56.5	44.4	9.8		39		2.0		5	1	2	2	0	1	6	4	7
March			986.7		1010.8	78.5	64.0	52.3	13.8		41		3.5		10	1	2	4	0	1	2	7	4
April			984.6		1008.3	86.8	64.3	46.8	10.5		24		1.9		6	6	0	3	2	0	4	4	5
May			980.4		1003.8	92.2	70.7	57.1	15.9		31		2.5		4	8	1	3	1	2	2	8	2
June			972.8		995.8	101.3	78.0	66.1	22.1		32		1.4		0	4	1	7	3	2	8	3	2
July			973.9		997.0	93.7	79.2	73.0	27.5		51		1.5		1	1	3	5	3	3	12	1	2
August			977.2		1000.7	88.6	79.6	76.4	30.4		66		5.8		0	1	5	16	2	0	0	1	6
September			982.1		1005.7	88.6	77.6	73.3	27.3		59		3.1		1	4	2	6	7	1	1	3	5
October			986.3		1010.5	80.1	69.1	61.9	19.3		55		1.6		2	7	1	3	0	1	10	0	7
November			990.6		1015.0	74.6	60.6	49.4	11.8		40		0.5		3	1	0	1	1	0	5	5	14
December			993.5		1018.8	63.1	55.3	48.5	11.5		57		3.3		2	2	2	2	0	3	9	3	8
Year			984.6		1008.6	81.4	67.2	57.7	17.4		46		2.6		36	41	19	52	21	17	62	44	73

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 6pkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From — N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
LAHORE (P.B.O.) (*contd.*)																							
January	0900	702	994.1		1019.2	65.0	53.5	41.4	8.9		42		4.0		1	0	1	2	0	1	4	14	8
February			988.5		1012.9	75.4	58.6	42.1	9.6		31		1.8		4	1	0	1	0	0	9	12	1
March			984.8		1008.8	82.9	64.4	50.3	12.3		32		4.1		1	2	1	1	2	1	9	11	3
April			983.2		1006.6	91.6	65.6	44.3	9.7		19		2.1		2	3	2	3	2	0	4	9	5
May			979.0		1002.3	96.0	70.5	54.9	13.9		24		2.8		3	6	0	0	1	0	9	6	6
June			971.3		994.0	106.8	77.8	62.3	19.3		24		1.2		1	3	1	4	1	4	9	2	5
July			972.5		995.4	98.9	80.4	72.4	27.0		43		1.7		1	2	1	7	1	4	12	0	3
August			975.8		999.1	90.3	80.3	76.2	30.8		63		6.2		1	2	2	16	1	0	1	1	7
September			979.7		1003.3	90.8	78.3	72.9	27.4		55		4.0		2	3	4	9	3	0	0	0	9
October			984.6		1008.5	83.7	69.2	60.5	17.8		45		1.8		4	3	1	4	1	0	8	6	4
November			988.4		1012.6	80.3	62.4	47.6	11.2		31		0.5		1	0	0	0	1	0	5	16	7
December			991.5		1016.2	68.3	57.3	47.6	11.1		47		3.7		1	2	0	2	1	2	5	11	7
Year			982.8		1006.6	85.8	68.2	56.0	16.6		38		2.8		22	27	13	49	14	12	75	88	65
January	1500	702	994.3		1020.1	52.5	48.9	45.8	10.2		78		2.9		3	1	2	2	0	0	1	1	21
February			988.2		1013.2	60.5	54.0	48.5	11.3		65		1.3		0	0	0	0	0	0	6	1	21
March			984.7		1009.0	72.1	63.6	57.8	16.3		60		3.1		1	2	0	2	0	0	1	3	22
April			982.8		1006.9	76.2	63.2	53.2	13.9		45		1.7		2	6	0	1	1	0	1	3	16
May			978.4		1002.2	83.9	69.9	60.9	18.6		47		2.1		2	6	2	0	0	0	0	2	19
June			970.2		993.3	94.2	77.7	69.0	24.9		45		1.3		0	2	3	2	0	3	3	0	17
July			971.6		994.8	91.6	79.1	74.3	28.3		56		1.2		0	2	2	4	3	1	3	1	15
August			975.1		998.6	84.2	79.2	77.5	31.8		79		3.7		0	2	6	8	0	0	0	0	15
September			978.9		1002.9	83.2	77.7	75.6	29.9		77		0.6		0	0	1	3	0	0	0	0	26
October			984.7		1009.2	70.6	67.6	65.7	21.7		85		0.8		0	4	0	1	0	0	0	0	26
November			989.1		1014.2	59.4	56.9	54.2	14.7		85		0.2		0	0	0	0	0	0	0	1	29
December			992.2		1017.7	54.1	52.1	50.0	12.4		87		2.3		1	1	0	0	0	0	1	0	28
Year			982.5		1006.8	73.5	65.8	61.0	19.5		67		1.8		9	26	16	23	4	4	16	12	255
January	1800	702	994.2		1020.1	48.0	45.5	43.8	9.3		81		2.5		1	0	1	1	0	0	1	0	27
February			988.7		1014.0	55.0	51.1	47.0	11.2		74		1.4		0	1	0	0	0	0	4	0	23
March			985.3		1009.9	67.8	60.7	56.4	15.0		65		2.4		3	1	1	2	1	0	1	2	20
April			983.5		1007.9	70.5	60.2	50.8	13.2		50		1.1		3	5	1	2	1	0	1	0	17
May			979.4		1003.4	77.3	66.6	59.9	17.5		55		1.9		2	5	2	2	0	0	0	1	19
June			971.5		994.7	88.6	73.6	65.8	21.4		47		1.6		0	2	0	5	1	1	3	0	18
July			972.4		995.9	87.0	78.1	74.2	28.8		65		1.6		0	5	0	5	3	1	3	0	14
August			976.1		999.8	82.3	78.8	76.9	32.0		85		2.7		1	2	4	9	0	0	0	0	15
September			979.9		1003.9	80.3	76.7	75.1	29.7		85		0.7		0	1	1	4	0	0	0	0	24
October			985.4		1010.1	67.3	65.8	64.8	21.0		92		1.1		0	2	1	1	0	0	0	0	27
November			989.6		1014.9	55.0	52.9	51.0	12.7		87		0.1		0	0	0	0	0	0	0	0	30
December			992.6		1018.3	50.4	48.8	47.5	11.0		89		1.8		2	1	0	0	0	0	1	0	27
Year			983.2		1007.7	69.1	63.3	59.4	18.6		73		1.6		12	25	11	31	6	2	14	3	261

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
LAHORE (P.B.O.)—*concld*																							
January	2100	702	994.3		1020.4	45.8	44.2	42.7	9.1		88		2.5		3	1	0	1	0	0	0	2	24
February			988.2		1013.7	51.7	48.4	45.1	10.1		76		1.1		0	0	1	0	0	0	2	2	23
March			984.8		1009.5	64.5	59.0	54.1	14.6		68		2.3		5	3	0	2	1	0	0	2	18
April			982.7		1007.5	65.6	56.7	49.5	11.7		54		1.6		2	6	2	1	0	1	0	1	17
May			978.6		1002.7	74.4	65.0	58.6	16.8		57		1.8		5	7	3	2	0	0	0	0	14
June			971.1		994.5	85.5	73.1	65.8	22.2		53		1.0		0	2	2	7	3	2	2	0	12
July			972.2		995.7	81.3	77.3	73.8	28.8		71		1.6		0	2	3	5	0	0	0	2	18
August			975.7		999.5	81.2	78.5	77.0	30.5		89		3.7		0	0	2	10	3	0	0	0	16
September			980.1		1004.0	78.2	75.3	74.2	28.6		86		1.5		0	0	3	4	1	0	0	0	22
October			984.9		1009.7	64.9	63.8	62.6	19.7		94		1.5		0	5	0	1	0	0	0	0	25
November			989.3		1014.7	51.9	50.5	49.2	11.9		90		0.0		0	0	0	0	0	0	0	1	29
December			992.0		1017.7	48.1	47.1	46.4	10.5		92		1.9		2	1	0	0	0	0	0	3	25
Year			982.8		1007.5	66.3	61.6	58.3	17.9		77		2.7		17	27	16	34	8	3	4	13	24
LAHORE (CANTT.)																							
January	0600	709	995.6		1021.1	59.7	50.8	41.0	8.7		49		3.7		3	4	1	0	0	4	1	11	7
February			989.8		1014.9	65.6	54.4	41.2	9.5		45		2.1		1	4	0	0	2	0	4	12	5
March			986.0		1010.4	78.9	63.9	53.6	13.5		40		3.8		6	3	1	2	2	2	1	13	1
April			983.9		1007.8	86.0	63.6	44.3	10.0		23		1.8		2	4	2	3	3	1	2	10	3
May			980.5		1004.0	91.8	67.8	50.9	12.4		24		2.2		7	5	3	1	1	4	2	7	1
June			972.3		995.3	100.2	76.2	62.9	19.9		30		1.2		2	1	3	5	2	7	4	6	0
July			973.4		996.8	93.3	78.7	72.4	26.9		50		1.2		0	2	2	8	2	9	4	4	0
August			976.7		1000.5	87.9	79.8	77.0	31.0		69		5.7		1	2	6	17	2	1	0	1	1
September			981.4		1005.2	87.3	77.8	73.2	28.2		63		3.2		2	3	2	9	2	2	1	2	7
October			986.2		1010.4	80.4	67.9	59.2	17.5		49		1.7		6	4	1	0	1	4	6	7	2
November			990.3		1014.9	74.4	58.9	44.4	10.0		34		0.4		1	0	0	0	2	3	3	15	6
December			992.8		1018.2	63.4	54.5	45.3	10.5		52		3.3		0	2	0	1	1	3	1	14	49
Year			984.1		1008.3	80.7	66.2	55.5	16.5		44		2.5		31	34	21	46	20	40	29	102	2
January	0900	709	993.6		1018.9	63.9	52.5	39.5	8.4		40		4.2		3	3		4	2	0	3	13	2
February			988.0		1012.5	74.5	56.6	37.2	7.7		26		1.6		2	2	0	0	1	3	6	14	0
March			984.1		1008.1	83.8	63.6	50.6	11.0		28		4.0		3	2	0	3	3	1	5	14	0
April			982.4		1006.1	90.7	63.6	39.3	7.9		16		2.2		2	4	1	3	1	1	5	13	0
May			977.9		1001.5	91.8	67.7	50.3	12.2		24		3.0		3	5	3	0	2	4	0	13	1
June			970.4		993.3	106.0	78.1	63.9	20.2		26		1.1		0	2	2	1	5	6	4	10	0
July			971.7		995.0	98.2	79.6	71.1	26.1		42		1.9		0	2	3	4	4	6	6	6	0
August			975.1		998.6	89.8	79.7	76.3	30.0		33		5.7		1	3	8	13	1	1	0	1	3
September			979.2		1002.8	90.1	78.4	73.1	27.9		58		3.8		2	6	4	3	4	0	0	4	7
October			983.8		1008.1	83.2	68.5	59.2	17.1		45		1.5		4	3	2	3	1	0	0	13	5
November			987.9		1012.4	76.1	59.2	42.9	9.6		31		0.6		1	0	0	1	0	1	1	18	8
December			990.7		1015.8	67.5	56.0	44.3	10.1		43		3.8		0	1	2	0	0	1	1	19	7
Year			982.1		1006.1	84.6	67.0	54.0	15.7		34		2.8		21	33	26	35	24	24	31	138	33

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm. level	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal.	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Directions Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	11	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
LAHORE (CANTT)—*concld.*																							
January	1500	709	993.9		1019.8	53.4	48.8	43.0	9.7		70		3.4		2	4	2	0	0	1	3	8	11
February			987.2		1012.5	61.9	52.8	44.1	9.5		51		1.3		5	0	0	0	0	0	6	0	17
March			983.7		1008.4	73.5	63.6	55.7	15.7		55		2.4		3	0	1	2	0	0	3	8	14
April			981.4		1005.7	78.4	62.9	46.8	12.6		38		1.5		6	3	0	2	1	0	0	2	16
May			977.8		1001.7	86.0	67.6	55.1	14.7		35		1.8		3	3	2	0	0	3	1	5	14
June			970.1		993.3	96.4	74.9	63.2	19.8		33		1.3		1	3	3	1	1	4	3	2	12
July			969.8		993.3	92.0	78.4	72.1	27.0		53		1.5		1	3	2	5	2	5	3	2	8
August			974.3		998.2	84.2	79.7	77.8	32.6		81		4.1		0	9	5	8	2	0	0	0	7
September			978.5		1002.6	83.2	77.8	75.5	30.1		77		0.9		0	2	0	5	0	1	0	0	22
October			984.2		1008.9	71.8	66.8	63.9	20.2		76		1.0		1	1	1	1	1	0	0	0	26
November			989.0		1014.1	64.4	56.9	50.6	12.4		60		0.1		0	0	0	0	0	0	0	1	29
December			991.9		1017.6	55.1	51.4	47.7	11.3		77		2.1		0	2	0	0	0	0	0	3	26
Year			981.8		1006.3	75.0	65.1	58.0	18.0		59		1.8		22	30	16	24	7	14	19	31	202
January	1800	709	994.3		1020.3	49.6	46.2	42.0	9.1		75		3.0		3	3	0	0	1	1	0	6	17
February			988.0		1013.4	57.8	50.3	42.9	9.1		56		1.2		2	0	0	0	0	1	7	6	12
March			984.4		1009.3	69.7	60.8	54.1	14.1		57		2.3		3	0	1	2	1	1	1	10	12
April			982.7		1007.3	72.7	58.7	45.6	10.6		39		1.4		5	5	1	1	1	0	1	4	12
May			978.2		1002.5	80.0	65.6	55.5	15.0		42		1.7		5	4	4	0	0	0	4	3	11
June			970.8		994.4	90.5	72.4	63.0	19.0		39		1.6		1	3	5	3	0	5	3	2	8
July			972.1		995.6	87.6	77.0	72.9	26.9		60		1.7		2	6	1	8	1	7	1	3	2
August			974.9		999.0	82.4	79.4	77.7	32.9		87		3.5		1	6	6	12	0	0	1	0	5
September			979.4		1003.6	80.2	76.6	74.9	29.6		85		0.9		0	1	0	4	1	0	0	0	24
October			984.7		1009.6	68.2	65.3	62.9	20.0		84		1.2		1	2	0	0	0	0	0	1	27
November			989.3		1014.8	56.3	52.8	49.1	12.1		78		0.1		0	0	0	0	0	0	1	1	28
December			992.5		1018.3	51.8	49.5	47.0	11.1		83		1.5		2	1	0	0	0	0	0	3	25
Year			982.6		1007.3	70.6	62.9	57.3	17.5		65		1.7		25	31	18	30	5	15	19	39	183
January	2100	709	992.8		1019.1	46.7	43.7	40.0	8.5		77		2.8		3	1	1	0	0	0	1	4	21
February			987.3		1012.8	54.5	49.2	42.1	9.6		65		1.6		1	0	0	0	0	1	4	6	16
March			984.1		1009.0	68.8	58.9	51.5	12.6		52		2.6		3	0	1	0	3	0	1	13	10
April			982.4		1007.1	68.5	56.1	43.8	9.9		41		1.6		4	7	1	0	0	0	0	7	11
May			978.0		1002.2	75.9	63.5	54.5	14.5		47		1.8		6	3	3	0	0	0	0	5	14
June			970.4		994.0	87.5	71.5	61.6	19.1		42		1.2		3	1	4	5	1	9	2	2	3
July			971.2		994.9	84.9	76.9	72.6	28.0		68		1.6		1	3	5	6	3	2	4	1	6
August			974.9		999.1	80.5	77.6	76.8	31.0		87		4.1		0	3	3	14	0	1	0	0	10
September			979.2		1003.5	77.8	74.3	73.5	27.4		84		1.3		1	4	0	4	0	1	0	0	20
October			984.5		1009.4	65.9	62.9	61.7	18.2		84		1.2		2	3	1	1	0	0	0	3	21
November			988.8		1014.5	53.3	50.4	47.6	11.3		81		0.1		0	0	0	0	0	0	2	1	27
December			991.3		1017.6	49.1	48.2	47.0	11.0		93		1.5		0	1	0	0	0	0	0	2	28
Year			982.1		1006.9	67.8	61.1	56.1	16.8		68		1.8		24	26	19	30	7	14	14	44	187

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gp/cm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
LAHORE (WALTON)																							
January	0600	699	995.6		1020.8	60.0	51.7	42.8	9.4		53		3.8		3	2	4	1	1	2	1	14	3
February			990.5		1015.1	69.5	57.0	44.6 (b)	10.3		42		1.9		5	0	0	2	3	0	2	14	2
March			985.8		1009.9	78.8	64.8	55.1	14.7		43		3.4		0	2	1	5	0	1	3	17	2
April			984.3		1008.1	87.3	64.6	45.4	10.7		23		1.8		2	2	5	3	0	2	2	11	3
May			980.7		1004.1	92.9	69.6	54.1	14.1		27		2.3		3	4	5	1	0	0	5	10	3
June			972.6		995.4	101.4	78.1	65.6	22.2		32		1.2		0	0	2	6	2	8	3	9	0
July			973.7		996.7	94.6	80.2	74.2	28.6		51		1.6		0	2	5	6	2	4	5	5	2
August			977.9		1001.4	88.2	79.8	77.2	30.9		67		5.6		0	0	6	16	1	0	2	2	4
September			981.3		1005.0	87.0	78.0	73.7	28.7		65		2.9		3	3	3	13	1	1	1	4	1
October			986.5		1010.4	80.5	68.1	61.0	17.8		50		1.7		2	3	1	4	2	1	6	8	4
November			990.7		1015.1	74.6	61.7	50.8	13.0		44		0.4		4	1	0	0	3	0	6	12	4
December			993.8		1018.8	63.0	56.1	49.5	12.3		62		3.2		1	2	0	3	5	0	7	9	4
Year			984.5		1008.4	81.5	67.5	57.8	17.7		47		2.5		23	21	32	60	20	19	43	115	32
January	0900	699	993.9		1018.9	65.2	53.1	39.5	8.4		40		4.2		1	1	3	2	2	0	5	16	1
February			988.3		1012.5	75.9	57.9 (a)	40.2 (a)	8.3		27		1.5		1	0	0	1	1	2	5	18	0
March			984.2		1008.1	83.6	66.1	53.8	14.0		36		4.0		1	1	4	2	2	0	2	17	2
April			982.4		1005.7	92.3	66.0	44.2	10.0		18		2.3		3	3	0	3	0	1	5	14	1
May			981.0		1004.1	98.6	71.1	53.2	13.5		22		2.9		1	3	3	0	1	0	4	16	3
June			974.5		997.1	106.9	77.4	61.6	18.7		23		1.3		0	2	1	3	2	2	9	7	4
July			972.3		995.2	97.9	80.0	72.4	26.9		43		2.0		0	1	3	6	3	6	7	3	2
August			975.6		998.9	90.4	80.3	76.3	30.7		63		5.6		0	3	5	16	1	0	0	5	1
September			979.8		1003.1	90.7	78.2	72.9	25.7		55		4.1		1	1	6	11	3	0	1	3	4
October			984.4		1008.3	82.5	69.1	61.0	17.8		48		1.8		2	3	3	2	1	1	5	11	3
November			988.5		1012.6	80.1	62.7	48.3	11.6		33		0.6		3	1	0	1	1	1	7	15	1
December			991.7		1016.2	68.5	58.0	48.3	11.8		49		3.8		1	1	0	2	1	0	10	15	1
Year			983.1		1006.7	86.1	68.3	56.0	16.5		38		2.8		14	20	28	49	18	13	60	140	23
January	1500	699	994.4		1020.1	52.6	48.7	43.9	9.9		73		3.1		1	2	2	1	1	0	6	7	11
February			987.9		1012.8	60.7	52.6	45.2	9.7		55		1.1		1	1	0	0	1	1	9	11	4
March			984.6		1008.8	76.1	65.4	57.4	16.5		54		2.7		0	0	0	1	0	1	5	10	14
April			982.7		1006.7	77.8	61.2	47.2	11.0		35		1.7		2	5	0	2	0	0	0	5	18
May			978.3		1001.9	84.9	67.0	54.2	14.5		35		1.9		0	2	3	1	1	0	1	6	17
June			973.5		996.4	96.3	74.7	63.2	19.2		33		1.4		3	1	2	1	2	2	7	3	9
July			971.4		994.4	91.9	79.0	73.2	28.0		54		1.3		2	0	6	2	2	2	6	4	7
August			974.8		998.4	84.4	79.4	77.5	32.0		79		4.5		0	8	4	9	1	0	1	1	7
September			978.3		1002.1	83.2	77.7	75.3	29.9		77		0.6		0	3	3	11	2	0	0	1	10
October			984.7		1009.1	72.8	67.8	64.5	20.9		76		1.1		2	3	1	2	2	1	0	3	17
November			989.2		1014.2	60.6	55.7	52.0	13.0		71		0.0		0	0	0	2	1	2	1	0	24
December			993.0		1017.5	55.5	52.0	49.1	11.7		77		2.2		0	0	1	0	0	0	1	3	26
Year			982.7		1006.9	74.7	65.1	58.6	18.0		60		1.8		9	25	22	32	13	9	37	54	164

(a) Observations for 30 days. (b) Observations for 29 days.

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest. Cpkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	M T	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
LAHORE (WALTON)—*concld.*																							
January (k)	1800	699	993.4		1019.1	49.6	47.1	44.3	9.9		82		2.5		1	2	2	0	1	0	0	4	9
February			988.1		1013.4	54.2	49.7	45.7	10.2		70		1.3		1	2	0	1	0	0	7	7	10
March			985.3		1009.8	67.3	61.0	56.0	15.5		68		2.2		1	1	0	2	1	0	2	11	13
April (*)																							
May (*)																							
June (*)																							
July (*)																							
August (*)																							
September (*)...																							
October (*)																							
November (*)...																							
December (*)...																							
Year																							
JHELUM (P.B.O.)																							
January	0600	765	994.5		1022.1	58.1	48.5	36.7	7.3		44		3.0		2	1	2	1	1	0	1	18	5
February			988.7		1015.7	67.6	52.6	34.9	6.8		30		2.3		0	2	0	1	0	0	5	12	8
March			984.6		1011.2	76.2	62.0	50.6	12.6		41		3.9		1	0	1	1	0	1	2	21	4
April			982.7		1008.8	83.4	61.6	40.7	8.9		23		2.5		0	2	2	5	3	2	3	8	5
May			978.4		1004.1	89.9	66.7	49.1	11.9		25		3.0		1	1	3	3	2	2	3	9	7
June			970.3		995.2	102.1	76.1	62.1	18.9		27		1.1		0	1	5	9	2	7	1	2	3
July			971.2		996.6	95.0	78.0	70.0	25.0		44		2.0		2	1	7	13	3	1	1	0	3
August			975.6		1001.5	85.2	78.5	75.7	30.2		73		6.3		0	1	5	17	1	0	0	0	7
September			979.8		1005.5	87.9	76.9	72.0	26.6		59		2.2		0	2	4	4	5	7	2	3	3
October			984.5		1010.8	79.9	66.8	57.7	16.5		48		1.3		2	2	2	8	0	2	0	6	9
November			985.6		1012.3	72.5	57.0	41.4	9.0		33		0.6		2	0	1	2	0	1	0	8	16
December			991.7		1019.2	60.0	52.0	43.9	9.7		55		4.0		1	0	2	0	1	0	4	10	13
Year			982.3		1008.6	79.8	64.7	52.9	15.3		42		2.7		11	13	34	64	18	23	22	97	83
January	0900	765	992.3		1019.5	64.8	51.6	36.4	7.2		34		3.2		2	0	2	3	1	0	3	11	9
February			986.5		1013.1	75.8	55.8	32.6	6.3		21		2.3		0	2	0	0	1	2	4	13	4
March			983.1		1009.2	81.9	63.3	48.5	12.2		31		4.8		2	3	0	1	0	2	4	15	6
April			981.3		1007.1	88.5	62.5	36.9	7.6		17		2.8		0	0	0	8	0	3	2	8	9
May			976.8		1002.3	94.6	67.1	45.0	10.3		19		2.9		0	2	2	5	3	4	1	7	7
June			968.5		993.1	107.6	77.1	60.8	18.7		21		1.2		0	1	1	6	8	5	2	1	6
July			969.7		994.6	99.8	78.8	69.1	24.1		37		2.5		0	1	2	12	7	6	0	0	3
August			974.1		999.7	87.4	79.9	76.3	31.4		71		5.9		1	2	4	13	2	2	0	2	5
September			977.8		1003.3	90.5	77.5	71.8	26.3		54		3.2		0	1	0	3	4	13	1	3	5
October			982.2		1008.1	86.0	69.1	55.4	16.6		33		1.3		0	0	4	5	2	3	1	4	12
November			986.0		1012.3	80.7	60.2	40.3	8.6		23		0.7		0	0	0	1	1	3	2	6	17
December			989.4		1016.5	66.7	54.7	42.6	9.2		41		3.8		1	0	0	1	1	0	3	5	20
Year			980.6		1006.6	85.4	66.5	51.3	14.9		33		2.9		6	12	15	58	30	43	23	75	130

(k) Observations for 19 days. (*) Data not available.

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
JHELUM (P.B.O.)—*contd.*																							
January	1800	765	992.9		1021.2	47.4	44.4	40.0	8.6		77		2.3		1	0	0	1	0	1	0	2	26
February			986.8		1014.6	52.8	47.3	41.5	8.6		64		1.0		0	0	0	0	0	2	0	0	26
March			983.6		1010.5	66.1	58.6	52.0	13.5		61		2.7		0	0	0	1	0	1	1	11	17
April			981.5		1008.2	69.2	57.7	47.3	11.1		45		1.7		0	0	0	1	1	3	1	3	21
May			977.3		1003.5	79.1	63.1	50.2	12.6		37		2.1		2	2	0	0	0	2	0	10	15
June			969.4		994.4	96.3	74.3	61.0	19.0		32		0.9		0	1	0	2	2	5	1	4	15
July			970.2		995.8	86.8	76.3	70.6	26.2		60		1.9		0	2	2	8	0	3	2	2	12
August			974.0		1000.0	82.2	78.7	75.9	31.9		85		3.2		0	0	0	8	1	0	0	0	22
September			978.4		1003.9	90.5	78.5	73.7	27.8		57		1.4		0	0	0	1	0	1	0	0	28
October			983.5		1010.3	66.7	63.2	60.4	18.2		81		0.7		1	0	0	1	0	0	0	2	27
November			987.7		1015.3	54.1	50.1	46.0	10.6		74		0.4		0	1	0	0	0	0	0	1	28
December			990.6		1018.7	49.2	46.9	44.7	10.0		83		1.5		0	1	0	0	0	1	0	3	26
Year			981.3		1008.0	70.0	61.6	55.4	16.5		63		1.7		4	7	2	23	4	19	5	38	263
CHAKLALA																							
January	0600	1667	962.4		904.6	56.7	46.7	34.7	6.9		44		3.3		3	0	0	2	2	0	4	0	20
February			958.4		901.5	64.9	52.4	40.3	8.5		40		2.9		0	1	0	2	2	2	5	1	14
March			955.1		899.0	70.9	58.9	50.3	12.1		47		4.9		1	4	1	1	1	4	9	1	9
April			952.7		897.9	80.6	59.6	41.7	9.0		25		2.7		1	0	0	4	1	2	13	0	9
May			949.8		895.8	86.7	65.2	49.7	12.5		29		2.6		0	1	2	2	3	2	14	3	4
June			941.9		889.7	100.3	69.8	50.3	12.5		19		1.4		1	0	1	4	4	2	9	5	4
July			942.3		889.6	95.4	75.9	66.3	22.6		39		2.4		1	0	4	11	7	2	3	1	2
August			946.3		892.2	83.1	76.6	74.2	28.6		74		6.4		0	1	9	12	3	0	3	0	3
September			950.1		896.1	84.4	73.4	68.2	23.6		58		2.7		0	1	4	6	2	2	3	1	11
October			954.2		899.2	78.8	62.8	52.2	13.1		39		1.0		0	0	2	3	3	2	7	2	12
November			957.8		901.7	71.2	54.2	36.8	7.5		28		0.8		0	0	0	2	2	2	2	0	22
December			959.9		902.6	59.8	50.4	41.4	8.7		49		3.9		0	0	0	2	2	2	6	0	19
Year			952.6		897.5	77.7	62.2	50.5	13.8		41		2.9		7	8	23	51	32	22	78	14	130
January	0900	1667	960.7		903.6	62.8	49.3	33.7	6.6		34		3.5		0	0	1	4	3	2	14	2	5
February			955.5		899.7	71.8	55.1	39.1	8.1		30		3.1		0	0	1	1	1	1	20	0	4
March			953.3		897.9	76.4	60.9	48.9	12.0		38		5.4		0	1	1	1	1	1	19	2	5
April			951.5		897.0	84.1	60.0	39.0	8.0		20		2.7		1	0	0	1	3	3	16	3	3
May			947.8		894.4	90.2	66.0	48.6	12.1		25		3.2		0	1	3	1	4	4	15	2	1
June			940.9		888.8	104.6	70.9	48.5	11.7		15		1.7		4	0	0	2	6	2	13	2	1
July			941.1		888.6	97.3	75.1	63.5	20.6		33		2.7		2	3	5	3	5	4	6	1	2
August			945.2		891.5	86.5	77.0	73.9	27.8		64		5.7		1	3	9	8	2	2	2	0	4
September			948.3		894.8	88.9	73.9	67.2	22.4		48		2.7		1	1	2	4	4	3	11	2	2
October			952.5		897.9	83.4	63.4	48.9	11.9		31		0.9		0	1	2	1	1	4	14	1	7
November			955.3		900.1	77.6	55.6	32.7	6.3		20		1.0		0	0	1	0	1	2	18	1	7
December			958.1		901.4	64.6	51.6	38.0	7.9		38		4.1		0	0	0	3	3	3	13	0	9
Year			950.9		896.3	82.3	63.2	48.5	12.9		33		3.1		9	10	25	29	34	31	161	16	50

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation	Height of bar cistern above mean sea level	Mean Pressure: Station level reduced to standard temperature and gravity	Mean Pressure: Departure from normal	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm level	Mean Temperature of the Air and Humidity: Dry bulb	Wet bulb	Dew point	Vapour pressure	Departure from normal	Relative humidity	Departure from normal	Total Cloud Amount: Mean amount	Departure from normal	Wind Directions Number of Observations From — N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
CHAKLALA—*contd.*																							
January	1500	1667	961.0		902.1	46.7	39.7	29.9	5.5		51		3.3		5	1	1	0	0	0	14	4	9
February			955.1		897.6	58.1	48.9	38.5	8.1		49		1.7		1	0	0	0	0	0	19	3	5
March			953.1		896.6	66.9	57.2	49.6	13.1		54		4.9		0	5	0	1	0	0	19	1	5
April			950.9		895.4	72.9	56.7	42.0	9.2		33		2.9		1	1	1	3	0	0	12	4	8
May			948.0		893.3	78.8	61.8	49.1	12.0		35		4.5		3	5	2	2	0	1	9	2	7
June			939.9		887.0	94.4	67.7	49.3	12.3		22		2.0		1	1	4	1	4	1	10	5	3
July			940.5		887.3	90.5	73.3	65.4	21.1		43		3.0		3	2	6	6	3	2	5	2	2
August			943.5		889.6	83.4	76.9	74.0	28.9		74		3.3		1	0	11	6	1	2	0	0	10
September			947.6		893.1	80.9	72.9	69.2	24.4		67		1.8		3	2	2	2	3	1	5	1	11
October			952.4		896.6 (c)	68.5 (c)	59.5	52.1	13.7		57		0.8		5	2	0	4	0	0	10	3	7
November			956.2		898.7	57.2	47.9	37.6	7.7		48		0.3		8	5	0	0	0	0	3	5	9
December			958.8		900.4	50.5	45.5	39.7	8.4		67		3.1		4	2	0	0	0	0	8	3	14
Year			950.6		894.8	70.7	59.0	49.7	13.7		50		2.6		35	26	27	25	11	7	114	33	87
January	1800	1667	959.6		901.7	43.4	39.4	33.6	6.6		69		3.3		2	1	1	0	0	0	6	2	19
February			955.8		897.3	49.9	43.0	37.1	7.4		60		1.5		5	2	0	0	0	0	11	2	8
March			953.7		896.7	61.6	55.4	50.2	12.5		67		4.7		5	7	1	1	0	0	9	3	5
April			952.1		895.5	65.4	53.9	42.9	9.6		44		1.9		5	7	3	1	1	0	4	3	6
May			948.5		893.3	74.6	60.4	49.9	12.0		42		3.3		3	4	3	0	1	0	4	8	8
June			940.7		887.2	87.2	65.7	51.2	12.9		29		1.7		4	4	2	2	2	0	1	2	13
July			941.4		887.7	84.5	72.5	66.4	21.3		55		1.9		1	4	6	6	1	0	3	1	9
August			944.9		890.5	80.7	76.2	74.5	29.0		81		3.1		0	3	5	8	2	1	0	0	12
September			94.84		893.5	77.0	71.5	69.2	24.1		76		1.8		3	7	4	2	1	1	2	2	8
October			953.5		896.7 (c)	63.3 (c)	57.3	53.1	14.1		71		0.7		10	3	0	2	0	1	3	3	9
November			956.9		898.7	51.6	45.4	38.0	7.8		61		0.2		16	1	0	0	0	0	5	1	7
December			959.5		900.4	46.3	43.3	38.9	8.3		78		3.4		4	0	0	0	0	1	7	2	17
Year			951.3		894.9	65.5	57.1	50.4	13.0		61		2.3		58	43	25	22	8	4	55	29	123
January	2100	1667	960.7		900.9	41.1	37.9	33.3	6.4		73		2.0		6	1	0	0	1	0	6	3	14
February			955.3		896.3	45.9	41.7	36.6	7.3		6.9		1.8		4	0	0	0	1	0	5	2	10
March			953.4		896.0	58.6	53.4	49.0	11.8		70		4.6		11	1	2	1	0	1	0	11	4
April			951.5		894.5	60.5	51.5	42.4	9.3		52		1.9		2	5	1	2	0	1	4	1	14
May			948.2		892.6	70.5	59.3	50.4	12.7		51		3.4		2	7	4	0	0	0	6	2	10
June			940.4		886.5	81.9	63.9	51.9	12.5		35		1.8		4	7	5	3	1	1	1	5	3
July			941.1		887.5	84.5	72.8	67.0	22.7		57		2.0		2	8	4	4	2	2	4	0	8
August			945.0		890.6	78.5	75.0	73.7	28.2		85		2.8		1	6	8	9	1	0	0	0	6
September			948.6		893.4	73.9	70.2	68.4	23.7		84		2.6		4	5	6	1	0	2	3	0	9
October			953.1		896.1 (c)	60.1 (c)	56.1	53.1 (c)	13.8 (c)		78 (c)		0.9		7	10	2	1	1	0	1	2	7
November			956.4		897.8	47.7	43.0	37.1	7.5		68		0.2		9	6	0	0	0	1	3	4	7
December			959.1		899.9	43.7	41.0	37.4	7.6		81		3.5		4	0	0	1	0	2	7	4	13
Year			951.1		894.3	62.2	55.5	50.0	13.6		67		2.5		56	56	32	22	7	10	37	34	11

(c) Observations for 28 days.

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest G/km. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft	Mb.	Mb.	Mb	°F	°F	°F	Mb.	Mb.	%	%	oktas										
MONTGOMERY																							
January	0600	558	1001.7		1021.9	58.8	51.3	43.0	9.6		57		3.4		3	1	0	0	1	4	5	6	11
February			995.8		1015.6	69.1	57.6	47.1	11.6		45		1.9		0	1	0	1	4	8	3	6	5
March			991.9		1011.3	77.5	65.5	56.8	16.0		49		3.1		1	2	3	4	1	5	3	8	4
April			989.8		1008.6	86.6	66.0	50.1	12.6		30		1.3		0	1	4	10	4	6	0	1	4
May			985.6		1004.2	91.1	71.1	58.9	17.0		34		2.4		1	5	3	5	2	1	4	5	5
June			977.5		995.8	99.6	79.0	69.3	24.5		38		0.6		0	0	0	4	0	14	5	2	5
July			978.7		997.3	93.5	79.5	73.4	28.0		52		1.8		0	0	0	6	1	18	1	1	4
August			981.6		1000.2	92.0	81.5	77.3	31.9		59		3.4		0	1	4	11	0	5	4	1	5
September			986.5		1005.1	91.8	78.7	72.9	27.6		54		1.9		0	1	5	12	1	7	0	0	4
October			991.4		1010.3	85.8	70.3	61.1	18.3		43		0.9		0	2	4	3	1	1	1	1	18
November			996.0		1015.3	77.6	63.6	54.4	13.8		43		0.4		0	0	0	3	2	0	0	1	24
December			999.1		1019.0	64.1	56.4	49.5	12.0		58		3.0		0	0	1	3	0	2	1	4	20
Year			989.6		1008.7	82.3	68.4	59.5	19.4		45		2.0		5	14	24	62	17	71	27	36	109
January	0900	558	999.8		1019.6	65.0	54.5	43.9	9.8		46		3.6		5	2	0	0	4	4	7	5	4
February			993.9		1013.3	75.9	59.4	44.3	9.9		33		1.9		4	1	0	2	1	10	2	6	2
March			990.1		1009.1	83.5	67.5	55.9	15.8		40		3.3		0	2	1	1	0	7	8	11	1
April			988.0		1006.7	91.6	66.6	47.5	11.0		22		1.6		0	5	3	6	2	7	2	3	2
May			983.8		1002.4	95.6	72.1	58.1	16.2		29		2.1		1	5	2	6	0	4	1	2	10
June			976.3		994.3	105.1	79.6	67.4	22.0		30		1.4		0	0	0	3	1	18	2	1	5
July			977.5		995.7	98.8	80.8	73.2	27.7		44		1.6		0	0	0	3	1	19	1	1	6
August			979.7		998.1	94.6	82.1	76.5	31.7		57		3.9		0	0	5	12	1	5	3	1	4
September			984.4		1003.0	94.9	78.9	72.3	26.5		47		3.1		0	2	5	10	2	6	0	0	5
October			989.5		1008.3	89.0	71.0	60.2	17.8		38		1.3		0	4	0	3	0	4	1	2	17
November			994.1		1013.3	82.0	66.5	53.1	15.2		41		0.6		0	0	0	0	1	0	1	3	25
December			997.0		1016.7	69.4	59.4	49.9	12.3		52		3.3		0	1	1	3	0	1	4	3	18
Year			987.8		1006.7	87.1	69.9	58.5	18.1		40		2.2		10	22	17	49	13	85	32	38	99
January	1800	558	1000.4		1021.0	47.9	44.6	40.6	8.3		77		3.1		4	0	0	0	0	2	5	3	17
February			994.1		1014.2	57.1	52.1	47.2	11.1		69		1.6		0	0	0	0	0	1	4	0	23
March			990.5		1010.1	68.0	61.5	57.0	15.7		67		2.3		1	0	1	1	0	2	3	5	18
April			988.2		1007.5	73.0	61.3	51.6	13.3		48		1.2		1	2	0	4	1	1	0	2	19
May			983.7		1002.8	79.7	67.7	60.4	17.8		51		1.5		2	2	0	2	0	0	1	2	22
June			975.9		994.5	89.3	75.0	67.5	23.2		49		1.0		0	0	0	3	0	6	0	1	20
July			977.0		995.6	88.3	79.3	74.8	30.1		65		1.1		0	1	0	3	0	3	0	1	25
August			980.0		998.7	84.8	79.3	77.3	31.7		77		3.0		0	0	3	8	0	1	0	1	18
September			984.4		1003.5	82.8	76.3	73.4	28.0		73		1.0		0	2	0	4	2	2	0	1	19
October			989.8		1009.5	69.4	65.2	61.9	19.4		80		0.7		0	3	1	1	1	0	0	0	25
November			994.6		1014.8	57.7	54.7	51.8	13.2		81		0.5		0	0	0	0	0	0	0	0	30
December			997.7		1018.0	52.6	50.6	48.6	11.7		86		2.1		0	0	0	0	0	0	0	0	31
Year			988.0		1007.5	70.9	64.0	59.3	18.7		69		1.6		8	10	5	26	4	18	13	16	265

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Optim. level	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal.	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Directions Number of Observations From— N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
KHANPUR (P.B.O.)																							
January (*)	0600	290																					
February (*)																							
March (*)																							
April			997.9		1007.8	90.7	71.3	60.0	17.5		35		0.7		7	6	0	0	2	6	0	3	6
May			994.2		1003.8	94.7	69.4	52.0	13.1		23		0.1		4	12	1	2	3	6	2	0	4
June			986.5		996.0	101.0	80.1	70.1	25.6		38		0.1		3	2	0	0	1	17	7	0	0
July			987.1		996.8	94.8	78.8	71.9	26.4		47		0.7		1	0	0	0	7	16	5	0	2
August			989.7		999.6	91.6	81.2	77.0	31.7		62		4.1		0	4	4	1	2	10	4	2	4
September			994.6		1004.4	93.1	80.8	74.8	30.3		57		1.3		4	11	0	0	0	9	5	1	0
October			999.8		1009.9	87.2	71.2	60.6	18.9		42		0.7		5	5	2	0	0	8	3	2	6
November			1005.1		1015.2	77.7	62.9	50.9	12.8		40		0.1		2	2	0	3	1	8	6	0	8
December			1008.0		1018.6	65.7	57.2	49.7	12.1		57		2.8		6	10	0	0	1	3	2	1	8
Year																							
January (*)	0900	290																					
February (*)																							
March(*)																							
April			996.0		1005.7	96.9	74.0	61.5	18.3		30		0.8		2	4	1	0	2	8	6	3	4
May			991.7		1001.3	100.8	70.8	49.5	11.9		18		1.2		5	8	3	0	2	4	4	1	4
June			984.8		994.2	107.3	80.4	66.5	23.2		28		0.4		3	1	0	0	0	18	7	0	1
July			985.1		994.7	102.1	80.2	69.9	25.2		36		0.7		1	2	0	0	8	12	4	1	3
August			987.6		997.4	95.7	79.7	72.7	27.4		48		3.3		5	4	2	1	4	5	5	1	4
September			992.2		1001.8	97.3	81.8	75.0	30.1		50		2.1		5	9	0	0	0	8	3	2	3
October			997.6		1007.5	92.1	70.7	57.1	16.1		31		0.8		8	6	0	0	1	2	10	2	2
November			1002.4		1012.5	83.0	64.1	48.3	11.9		30		0.2		4	3	0	0	0	9	8	1	5
December			1005.3		1015.6	72.1	60.2	48.9	12.5		46		3.4		9	8	0	0	0	3	2	2	7
Year																							
January(*)	1800	290																					
February (*)																							
March (*)																							
April			996.4		1006.6	73.5	63.0	55.1	14.9		53		0.5		3	3	0	1	1	6	3	0	13
May			992.0		1002.1	80.8	65.3	53.6	14.3		40		1.4		3	9	0	0	0	3	2	0	14
June			984.9		994.6	93.6	76.1	67.5	22.8		43		0.4		0	1	3	0	6	14	0	0	6
July			985.6		995.2	93.5	78.0	70.3	25.7		48		1.0		2	2	1	0	7	14	1	0	4
August			988.3		998.2	86.2	78.7	75.1	30.1		70		3.9		1	3	1	1	2	6	3	0	14
September			992.7		1002.5	83.4	77.9	75.2	30.1		75		1.2		0	8	0	1	1	6	2	0	12
October			998.6		1008.8	72.6	65.6	59.7	18.5		67		0.7		0	6	0	0	1	0	2	1	21
November			1003.8		1014.2	58.0	54.5	50.6	12.9		78		0.0		0	0	0	0	0	2	0	0	28
December			1006.6		1017.4	54.1	52.1	49.7	12.3		77		0.5		5	8	0	0	0	0	0	0	18
Year																							

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
KHANPUR (P.B.O.)—*contd.*																							
January(*)	2100	290																					
February(*)																							
March(*)																							
April			996.3		1006.5	69.5	60.5	52.8	13.9		57		0.5		2	1	0	0	2	4	1	2	13
May			992.1		1002.3	76.9	64 4	55.2	15.0		47		1.0		6	6	0	0	1	3	1	0	14
June			985.2		995.0	88.5	76.0	69.2	25.0		55		0.4		0	2	2	0	3	17	3	0	3
July			985.8		995.5	88.2	76.7	70.9	26.1		57		0.9		1	3	1	1	6	18	1	0	0
August			988.5		998.2	86.1	78.6	75.5	30.9		77		3.1		1	5	0	1	5	11	0	0	8
September			992.8		1002.7	80.7	76.6	74.9	29.6		83		0.9		1	6	1	0	1	7	2	0	12
October			998.4		1008.8	66.3	62.3	58.8	17.4		79		0.6		0	6	0	0	0	1	0	1	23
November			1003.5		1014.0	54.6	51.6	48.9	11.7		80		0.0		0	1	0	0	0	2	1	0	26
December			1006.3		1017.0	51.0	49.0	47.0	10.9		86		0.8		5	8	0	0	0	0	0	0	18
Year																							
DROSH (P.B.O.)																							
January	0600	4806	861.0		910.7	42.9	33.9	16.2	3.1		33		4.8		0	5	2	0	0	0	0	0	24
February			856.9		905.7	50.8	38.3	14.3	2.9		23		4.1		1	4	1	0	0	1	0	0	21
March			855.1		903.4	54.3	46.1	36.4	7.3		51		5.7		0	3	2	0	0	0	0	0	26
April			854.3		901.6	62.4	47.2	26.4	5.0		26		3.3		0	13	1	3	0	3	0	0	10
May			852.2		898.7	69.9	55.4	41.9	9.2		37		3.8		0	2	2	0	0	1	1	0	25
June			847.5		892.5	84.2	60.1	38.6	8.0		20		2.4		1	9	2	1	0	0	0	0	17
July			844.4		889.1	87.0	64.3	47.6	11.4		26		1.5		1	3	0	0	0	2	0	0	25
August			846.5		890.7	91.0	72.5	63.2	19.7		40		3.4		0	0	0	0	0	7	0	0	24
September			850.9		896.1	84.7	64.7	51.0	12.8		31		2.7		0	0	0	0	0	3	0	0	27
October			854.7		901.3	71.4	52.4	30.5	5.8		21		1.2		0	1	0	0	0	0	0	0	30
November			858.1		906.2	58.9	45.4	27.2	5.0		29		0.9		0	3	0	0	0	1	0	0	26
December			858.3		907.5	48.2	41.5	32.0	6.6		53		4.4		0	5	2	0	0	0	0	0	24
Year			853.3		900.3	67.1	51.8	35.4	8.1		33		3.2		3	48	12	4	0	18	1	0	279
January	0900	4806	858.2		907.6	43.9	34.2	14.3	2.9		29		5.4		2	9	0	0	0	0	0	0	20
February			854 9		902.8	56.6	41.8	13.8	3.1		19		4.7		2	4	0	0	0	2	0	1	19
March			854.3		902.3	59.9	48.6	36.2	7.2		40		3.5		0	4	1	0	0	3	1	0	22
April			852.3		899.0	66.8	49.0	25.7	4.7		21		4.1		2	10	1	0	0	5	1	0	11
May			850.5		896.8	73.3	57.3	43.5	9.6		34		5.9		1	1	1	0	0	6	1	0	21
June			845.7		890.2	89.2	61.4	35.6	7.3		15		4.4		2	6	0	1	0	6	4	2	9
July			842.8		886.3	97.1	67.3	45.5	10.7		17		2.9		1	3	0	1	0	7	2	0	17
August			843.3		886.9	95.9	72.4	59.3	16.9		29		4.1		0	0	0	0	0	28	0	0	3
September			847.8		892.3	90.8	64.7	45.7	10.3		21		4.1		0	1	0	0	0	21	1	0	7
October			851.6		897.2	80.2	56.1	28.7	5.7		16		3.3		0	1	0	0	0	8	1	0	21
November			855.3		902.2	67.5	50.8	30.5	6.0		26		1.3		0	4	0	1	0	2	0	0	23
December			856.3		904.8	51.9	43.7	33.4	6.4		49		5.1		0	6	5	0	1	1	0	0	18
Year			851.1		897.3	72.7	53.9	34.3	7.6		26		4.1		10	49	8	3	1	89	11	3	191

(*) Data not available.

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
DROSH (P.B.O.) *contd.*																							
January	1800	4806	859.5		909.6	38.0	31.8	19.1	3.5		47		3.9		0	4	0	0	0	0	0	0	27
February			855.3		904.4	45.9	37.7	24.3	4.5		42		3.0		0	3	1	0	0	2	0	0	22
March			854.1		902.6	51.8	48.8	37.0	7.3		56		5.3		1	2	0	0	0	1	0	0	27
April			853.8		901.8	55.8	46.4	35.5	7.0		45		1.8		0	4	1	1	0	0	0	0	24
May			851.9		899.3	61.9	52.1	42.6	9.2		50		3.7		0	2	0	0	0	0	0	0	29
June			847.4		893.4	75.1	56.8	40.3	8.4		28		2.3		1	8	2	4	0	0	0	0	15
July			844.5		889.6	80.5	66.0	57.1	15.9		45		1.9		0	1	0	2	1	9	1	0	17
August			845.5		890.7	81.4	69.4	62.3	19.7		53		1.6		0	0	0	0	0	27	0	0	4
September			850.2		896.3	74.7	59.7	47.7	11.4		39		1.9		0	0	0	0	0	13	0	0	17
October			854.4		901.6	63.7	48.7	31.2	5.7		28		1.5		0	1	0	0	0	5	0	0	25
November			857.2		905.2	57.6	46.3	32.6	6.2		38		0.4		0	0	0	0	0	0	0	0	30
December			857.3		906.8	42.2	38.8	33.5	6.7		72		3.3		0	1	0	0	0	0	0	0	30
Year			852.6		900.1	60.7	50.2	38.6	8.8		45		2.5		2	26	4	7	1	57	1	0	267
PESHAWAR																							
January	0600	1177	979.8		1022.1	57.8	49.5	40.2	8.3		50		3.8		2	2	3	6	3	1	3	4	7
February			974.4		1015.5	66.7	53.0	38.1	8.0		34		3.0		4	3	1	6	0	3	0	4	7
March			971.6		1012.3	72.1	60.1	50.2	12.4		46		4.7		5	4	1	3	2	4	3	4	5
April			969.1		1008.9	81.3	59.3	35.9	7.4		20		2.6		4	10	2	3	1	2	2	5	1
May			965.3		1004.5	87.0	66.7	52.1	13.2		30		3.2		6	10	4	2	1	1	0	3	4
June			956.9		994.9	101.1	70.6	49.3	11.6		17		1.4		5	14	5	1	1	1	0	3	0
July			957.1		995.5	95.3	77.3	68.4	23.8		42		1.0		6	19	4	0	1	0	0	0	1
August			960.5		999.7	87.1	79.6	76.1	31.1		71		4.5		11	12	3	0	0	0	0	2	3
September			965.6		1004.8	87.3	76.3	70.7	26.0		58		2.0		5	14	5	0	0	0	0	4	2
October			970.1		1010.0	80.2	65.2	54.0	14.5		41		0.5		4	8	4	0	0	0	0	0	15
November			974.3		1015.2	70.6	56.1	41.8	8.9		35		0.8		2	3	2	2	0	1	0	0	20
December			977.1		1019.1	58.5	50.0	39.7	8.5		51		3.8		3	1	3	1	1	0	0	9	13
Year			968.5		1008.5	78.7	63.6	51.4	14.4		41		2.6		57	100	37	24	10	13	8	38	78
January	0900	1177	977.9		1019.5	62.8	52.3	41.3	8.7		44		3.8		6	1	0	6	3	3	1	5	6
February			972.2		1012.8	71.5	56.0	39.5	8.4		31		3.5		2	7	0	1	3	1	1	6	7
March			969.7		1010.0	75.9	59.9	46.1	10.4		34		4.8		3	8	4	4	0	1	0	5	6
April			967.3		1006.6	85.0	59.5	31.1	5.9		15		3.0		6	10	2	5	2	0	0	5	0
May			963.5		1002.4	90.6	67.6	50.9	12.1		26		4.1		5	12	5	3	0	2	0	3	1
June			955.6		993.3	104.7	71.7	47.9	11.6		15		2.6		5	17	6	1	0	0	0	1	0
July			954.8		992.7	100.8	76.5	63.8	20.2		30		2.2		1	23	1	2	2	1	1	0	0
August			958.5		997.3	91.4	79.8	75.1	29.6		59		4.6		5	16	1	2	1	0	0	3	3
September			963.4		1002.1	91.9	76.9	70.0	24.8		48		2.7		4	14	5	3	1	1	0	1	1
October			967.9		1007.4	84.9	65.6	49.9	13.0		30		1.0		2	13	11	3	0	0	0	0	2
November			972.1		1012.3	76.4	57.9	37.6	8.1		26		1.3		1	10	2	3	0	1	0	1	12
December			974.6		1016.2	64.0	52.3	38.8	7.9		39		4.5		4	6	4	1	0	0	1	3	12
Year			966.5		1006.1	83.3	64.7	49.3	13.4		33		3.2		44	137	41	34	12	10	4	33	50

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest. Cpk/m level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
PESHAWAR—*concld.*																							
January	1800	1177	978.2		1021.2	47.0	43.3	38.6	7.9		72		3.3		0	0	0	0	0	23	1	0	7
February			972.1		1014.2	54.0	46.5	37.2	7.4		52		2.3		0	0	0	3	1	21	0	0	3
March			969.8		1011.2	64.5	56.5	50.1	12.0		58		5.1		0	4	0	0	4	10	0	3	10
April			967.6		1008.4	67.9	53.6	38.1	7.7		33		2.9		0	2	0	3	2	13	0	4	6
May			964.3		1004.3	75.3	63.3	54.3	14.5		48		4.0		0	3	1	3	3	7	1	3	10
June			955.0		993.5	91.5	67.0	48.6	11.5		23		2.7		4	2	1	1	1	11	2	2	6
July			954.8		993.5	89.4	73.9	65.0	21.6		45		0.8		4	4	2	4	1	5	1	1	9
August			958.5		997.6	84.9	77.4	76.1	28.7		73		3.4		8	3	0	0	0	1	2	5	12
September			963.4		1002.9	80.5	72.5	68.7	23.7		67		1.6		8	9	0	0	1	0	0	2	10
October			968.7		1009.6	67.4	59.1	51.9	13.3		58		0.6		3	0	1	2	3	2	0	3	17
November			973.1		1015.2	55.0	46.7	36.1	7.2		49		0.4		1	0	0	0	5	12	1	0	11
December			975.8		1018.5	48.9	43.9	36.8	7.6		64		3.3		0	1	1	1	4	10	0	0	14
Year			966.8		1007.5	68.9	58.6	50.1	13.6		53		2.5		28	28	6	17	25	115	8	23	115
January	2100	1177	978.3		1021.3	45.1	41.6	37.3	7.3		72		3.4		0	1	0	2	4	17	3	1	3
February			971.9		1014.4	50.2	44.2	36.5	7.2		58		2.0		0	0	0	3	0	18	2	0	5
March			969.8		1011.3	61.2	55.5	50.4	12.5		68		4.8		0	0	1	1	1	15	2	4	7
April			967.4		1008.5	63.8	52.8	40.6	8.7		38		2.8		2	0	0	4	0	14	0	4	6
May			964.1		1004.3	71.8	62.3	54.7	14.9		56		3.7		2	2	1	3	4	10	2	4	3
June			955.3		994.1	86.5	65.0	49.1	11.4		26		2.3		5	1	0	1	2	7	3	4	7
July			955.1		994.0	84.6	72.1	65.0	21.2		53		0.9		3	2	2	1	3	3	1	7	9
August			958.7		998.1	82.2	77.7	75.7	30.4		83		4.3		7	2	0	1	0	0	1	11	9
September			963.4		1003.3	77.7	71.2	68.1	23.1		71		1.9		4	2	0	1	2	3	0	3	15
October			968.6		1009.8	64.5	57.0	50.8	12.5		61		0.7		3	1	1	0	6	6	0	5	9
November			972.7		1015.1	52.7	44.7	34.2	6.5		48		0.6		0	0	0	0	2	21	0	0	7
December			975.7		1018.5	46.8	42.3	36.3	7.2		66		3.1		1	1	0	0	3	17	0	0	9
Year			966.7		1007.7	65.6	57.2	49.9	13.6		59		2.5		27	12	5	17	27	131	14	43	89
RISALPUR																							
January	0600	993	987.1		1023.0	55.1	46.2	33.7	6.7		44		3.3		0	2	0	0	1	3	8	6	11
February			981.7		1016.8	63.8	50.7	34.5	6.8		34		2.6		0	1	2	0	1	5	5	6	8
March			978.6		1013.2	71.3	61.9	54.1	14.7		55		4.0		1	3	2	1	0	1	9	10	4
April			975.9		1009.6	82.0	59.5	36.8	7.3		19		2.4		5	5	1	2	2	4	3	5	3
May			971.6		1005.3	81.3	63.8	49.3	12.3		34		2.3		3	4	1	0	0	1	2	15	5
June			963.5		995.6	102.0	72.6	53.3	14.0		20		1.3		4	2	2	1	1	1	1	14	4
July			963.3		995.8	98.4	77.7	67.2	23.0		37		1.1		2	1	6	5	4	2	2	5	4
August			967.3		1000.5	88.1	79.3	75.2	30.2		65		4.6		1	1	11	8	2	1	2	0	5
September			972.2		1005.5	88.3	74.4	67.5	22.7		49		1.8		1	6	3	4	1	4	2	2	7
October			977.0		1010.9	80.9	64.9	53.3	13.9		38		0.5		1	1	0	2	0	5	4	5	13
November			981.4		1016.2	69.0	55.4	42.2	8.9		37		0.6		0	0	1	0	1	1	5	1	21
December			983.9		1019.7	56.0	49.3	41.7	9.0		60		3.5		1	1	4	1	0	1	3	0	20
Year			975.3		1009.3	78.0	63.0	50.7	14.1		41		2.3		19	27	33	24	13	29	46	69	105

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal.	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Directions Number of Observations From — N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
RISALPUR—*contd.*																							
January	0900	993	984.9		1020.2	62.2	49.5	32.5	6.6		33		3.4		1	4	0	1	0	2	8	10	5
February			979.2		1013.7	72.0	54.6	33.1	6.8		24		3.0		1	2	1	1	0	1	8	9	5
March			976.7		1010.8	76.7	62.2	51.6	12.6		40		4.3		3	4	1	1	1	2	4	7	8
April			973.8		1007.3	86.9	60.4	32.0	6.0		14		2.7		2	4	5	1	1	1	4	8	4
May			969.9		1003.0	92.4	66.8	46.7	10.9		21		3.0		5	2	2	1	1	2	2	15	1
June			961.7		993.5	107.3	73.8	51.6	13.3		16		1.2		5	3	1	2	1	4	2	9	3
July			961.6		993.5	103.7	77.4	63.6	20.1		27		1.7		2	4	6	7	0	4	4	3	1
August			965.6		998.5	92.6	80.2	74.9	29.6		56		3.6		1	3	8	9	1	2	0	1	6
September			969.6		1002.7	93.3	75.5	65.8	22.1		41		1.9		3	2	6	5	3	4	3	1	3
October			974.4		1007.9	86.9	65.8	50.5	12.2		28		0.6		4	0	6	4	0	4	2	3	8
November			979.7		1012.8	78.5	59.6	41.9	9.0		27		1.0		1	2	3	1	0	2	1	4	16
December			981.7		1016.9	64.1	53.2	41.1	8.9		43		4.2		1	1	0	0	0	2	4	6	17
Year			973.2		1006.6	84.7	64.9	48.8	13.1		31		2.5		29	31	39	33	8	30	42	76	77
January	1500	993	984.6		1021.1	49.4	42.9	34.3	6.5		53		3.2		1	0	2	0	1	1	8	1	17
February			978.3		1013.8	57.3	47.7	35.1	7.0		43		2.4		1	5	0	1	0	0	3	0	18
March			976.1		1010.7	67.8	58.3	52.4	12.4		53		4.7		2	6	3	3	1	3	2	3	8
April			973.4		1007.6	74.4	57.8	41.2	8.9		30		3.1		1	7	3	3	0	3	0	2	11
May			970.0		1003.5	81.7	64.3	50.6	12.6		35		3.7		3	3	1	3	2	5	2	3	9
June			960.4		992.8	96.3	70.8	54.4	14.2		24		2.2		4	2	2	1	1	2	4	3	11
July			960.3		992.7	96.0	75.6	65.2	21.0		36		1.6		2	6	2	8	6	0	0	2	5
August			964.5		997.6	88.5	79.1	74.7	29.7		65		2.8		1	4	13	8	0	0	0	1	4
September			*		*	*	*	*	*		*		1.7		0	11	9	1	0	0	0	1	8
October			*		*	*	*	*	*		*		0.7		1	4	7	1	1	1	0	0	16
November			*		*	*	*	*	*		*		0.5		3	1	4	0	0	0	0	0	22
December			*		*	*	*	*	*		*		0.3		0	0	1	0	0	1	0	0	29
Year													2.2		19	49	47	29	12	16	19	16	158
January	1800	993	985.0		1021.8	45.3	40.4	33.9	6.4		61		3.2		1	2	2	1	0	2	2	9	12
February			979.2		1015.1	50.6	43.5	34.7	6.5		52		1.6		2	4	0	0	2	3	2	3	12
March			977.1		1011.9	63.7	57.8	53.3	13.7		68		4.4		1	4	4	0	0	8	4	4	6
April			974.3		1009.1	67.2	55.3	42.0	9.6		41		2.3		5	2	2	2	1	2	3	5	8
May			971.1		1005.0	75.9	61.9	51.5	12.6		41		3.7		3	5	2	4	0	4	4	4	5
June			961.5		994.5	89.5	68.3	53.7	14.1		30		1.7		4	6	3	3	1	4	1	3	5
July			961.5		994.4	90.5	74.1	66.4	21.3		43		1.0		2	5	7	8	5	0	1	1	2
August			965.3		998.5	85.8	78.8	75.9	30.5		72		2.2		0	3	13	10	0	0	0	0	5
September			*		*	*	*	*	*		*		1.4		1	9	8	1	1	1	4	0	5
October			*		*	*	*	*	*		*		0.4		2	5	3	3	1	0	2	2	13
November			*		*	*	*	*	*		*		0.4		2	0	5	0	0	0	1	1	21
December			*		*	*	*	*	*		*		0.3		0	0	2	0	1	1	0	0	27
Year													1.9		23	45	51	32	12	25	24	32	121

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest. Gpkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	ew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
RISALPUR—*concld.*																							
January	2100	993	985.4		1022.2	42.2	39.3	34.5	6.9		74		2.9		1	2	1	0	0	0	1	0	26
February			979.2		1015.3	47.2	42.8	35.9	7.4		66		1.5		5	3	0	0	0	3	2	2	13
March			976.9		1012.1	61.2	56.5	53.1	13.5		74		4.2		2	1	2	1	0	4	6	3	12
April			974.2		1009.3	63.4	53.8	44.2	9.8		49		2.2		4	2	3	1	0	2	4	2	12
May			970.8		1005.0	72.5	61.0	52.3	13.1		51		2.9		0	4	3	2	0	0	7	2	13
June			961.7		994.7	86.3	67.4	53.7	14.4		33		1.8		1	4	3	0	0	3	6	6	7
July			961.8		994.8	86.9	73.9	66.8	22.7		52		0.9		2	2	6	11	2	0	1	1	6
August			965.4		998.7	83.8	77.5	75.3	29.3		73		3.0		1	1	12	10	1	1	0	0	5
September			*		*	*	*	*	*		*		1.5		5	9	7	2	2	0	1	0	4
October			*		*	*	*	*	*		*		0.5		1	6	2	3	2	0	0	0	17
November			*		*	*	*	*	*		*		0.5		5	1	0	0	0	1	0	2	21
December			*		*	*	*	*	*		*		2.9		0	1	0	1	0	1	1	0	27
Year													2.1		27	36	39	31	7	15	29	16	163
KOHAT																							
January*	0000	1667																					
February*																							
March*																							
April			952.0		895.7	66.1	53.6	41.4	9.0		41		2.0		1	0	0	1	0	0	1	22	5
May			949.1		893.6	71.8	59.2	48.6	12.1		45		2.5		3	1	0	0	0	0	3	18	6
June			941.7		888.1	86.0	64.4	48.4	11.9		28		1.6		3	1	0	0	0	1	2	16	7
July			941.6		887.7	84.1	72.1	65.8	22.0		55		1.2		2	3	4	0	0	0	1	12	9
August			944.8		890.5	81.3	76.0	73.7	28.5		77		3.6		0	5	1	1	0	1	0	4	19
September			949.0		894.1	77.4	69.7	65.4	21.6		68		2.0		1	0	1	1	0	0	0	19	8
October*																							
November*																							
December*																							
Year																							
January	0600	1667	963.9		906.0	58.0	49.4	40.5	8.6		53		3.7		1	5	0	0	0	0	0	22	3
February			958.7		902.1	66.8	54.4	45.6	10.1		46		3.0		0	2	0	8	4	1	0	3	10
March			956.2		900.3	71.8	59.7	51.4	12.7		48		4.6		2	6	0	7	2	0	2	1	11
April			953.8		899.1	81.7	58.6	38.1	11.4		21		2.2		1	3	2	8	5	1	4	2	4
May			950.2		896.3	86.6	63.6	47.2	10.7		25		2.4		3	6	0	7	5	6	1	2	1
June			942.7		890.5	101.0	69.1	47.4	11.3		16		1.0		4	10	2	6	4	1	2	1	0
July			942.6		890.2	96.6	74.1	63.3	19.6		33		1.4		0	1	2	8	7	4	0	1	8
August			945.6		892.6	87.8	77.6	73.5	28.2		62		4.3		0	2	4	10	6	4	1	1	3
September			950.7		896.9	87.8	73.1	66.5	21.8		50		2.3		0	1	3	11	1	3	4	1	6
October			955.3		900.5	81.4	63.2	49.6	12.5		34		0.5		1	3	1	8	3	1	3	0	11
November			958.8		902.9	72.4	54.0	34.3	6.8		24		0.7		0	1	0	7	8	3	1	1	9
December			961.3		903.9	59.7	48.4	35.8	7.1		41		3.5		0	0	4	6	3	2	2	3	11
Year			953.3		898.4	79.3	62.1	49.4	13.4		38		2.5		12	40	18	86	48	26	20	38	77

(*) Data not available.

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal.	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Directions Number of Observations From — N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb	°F	°F	°F	Mb.	Mb.	%	%	oktas										
KOHAT—*contd.*																							
January	0900	1667	961.9		904.6	63.2	52.5	42.4	7.4		41		4.4		1	2	1	10	3	4	0	2	8
February			956.6		900.7	71.6	57.6	47.4	10.6		40		2.9		0	2	3	8	4	4	0	1	6
March			954.4		899.0	75.8	61.5	51.5	12.9		42		5.0		1	8	1	13	2	1	1	0	4
April			952.2		897.9	85.6	59.6	36.3	7.0		17		3.0		0	8	0	10	3	3	1	1	4
May			948.7		895.2	89.8	64.4	44.8	10.2		21		4.0		1	7	3	8	1	2	1	3	5
June			941.2		889.5	105.1	70.1	46.3	10.9		14		2.0		0	7	5	9	2	3	1	2	1
July			941.0		889.0	100.8	73.8	59.9	17.4		26		2.9		0	2	1	10	5	9	1	3	0
August			944.7		891.6	91.4	77.9	72.2	27.1		53		4.4		0	3	4	7	7	3	1	5	1
September			948.7		895.5	91.8	74.1	65.5	21.5		42		2.7		0	4	5	12	4	1	0	1	3
October			952.8		898.8	86.5	63.3	48.0	10.9		27		0.6		0	5	1	14	5	5	0	0	3
November			956.6		901.4	77.6	55.9	34.4	6.5		21		1.2		0	7	1	15	4	0	1	0	2
December			959.1		902.4	64.2	51.2	37.0	7.1		37		4.1		0	2	2	17	2	3	0	0	5
Year			951.5		897.1	83.5	63.5	48.8	12.5		32		3.1		3	57	27	133	42	38	7	18	40
SAMUNGLI (QUETTA)																							
January	0600	5253	844.8		804.8	41.9	37.9	32.8	5.3		68		3.7		1	0	1	5	1	4	8	7	4
February			841.4		802.4	51.5	40.3	25.1	2.7		35		1.3		3	0	1	5	1	2	5	6	5
March			841.8		802.8	61.6	49.2	37.2	5.5		38		3.7		1	1	1	6	1	4	9	4	4
April			839.9		802.9	68.4	51.2	35.0	4.4		28		1.6		1	0	0	1	1	6	8	10	3
May			837.9		800.9	76.2	62.2	53.3	11.7		44		2.0		1	0	3	1	4	4	11	7	0
June			835.4		798.4	85.4	66.0	54.8	12.3		33		0.4		1	2	0	0	2	3	6	15	1
July			834.0		797.0	89.7	70.7	62.0	16.3		33		0.3		0	1	0	1	1	5	11	8	4
August			835.2		798.2	86.3	70.8	63.2	26.6		45		2.6		2	0	2	8	1	2	5	6	5
September			839.2		802.2	80.2	64.2	54.4	16.3		40		0.2		3	1	0	1	0	2	9	10	4
October			842.7		804.7	64.9	49.4	33.2	4.2		29		0.1		1	0	0	0	0	1	8	13	8
November			844.1		806.1	55.8	43.2	27.2	3.8		33		0.7		0	0	1	0	0	2	9	9	9
December			844.4		804.4	46.5	41.2	34.2	5.2		61		4.1		0	0	1	3	4	1	4	9	9
Year			840.1		802.1	67.4	53.9	42.7	9.5		41		1.7		14	5	10	31	16	36	93	104	56
January	0900	5253	843.2		803.2	47.1	42.8	34.0	7.6		61		4.7		3	1	0	2	1	3	5	14	2
February			840.1		801.1	58.9	45.4	23.9	4.2		27		1.9		1	0	0	3	1	2	9	11	1
March			840.8		801.8	65.8	52.7	38.4	7.5		36		5.2		3	1	0	5	2	7	8	5	0
April			839.0		802.0	73.1	54.7	34.1	5.8		24		2.7		2	0	0	3	0	5	10	10	0
May			836.8		799.8	79.9	64.9	54.2	13.6		40		2.9		1	0	1	1	1	3	16	8	0
June			834.8		797.8	89.7	69.9	57.2	15.1		33		0.7		3	2	0	0	0	2	10	13	0
July			833.3		796.3	95.6	74.9	60.1	16.3		30		1.0		5	0	1	0	2	2	12	9	0
August			834.1		797.1	93.1	74.1	65.6	19.0		38		2.5		3	0	0	7	2	1	5	12	1
September			837.8		800.8	87.2	68.3	52.2	13.4		33		0.8		0	0	0	1	1	2	10	16	0
October			841.5		803.5	72.9	54.3	38.7	7.2		28		0.3		1	0	0	0	0	0	9	17	4
November			842.7		804.7	66.1	48.3	30.5	5.3		27		0.6		3	0	0	0	0	1	8	15	3
December			842.0		803.0	53.1	44.3	35.9	7.6		54		4.2		2	0	0	3	1	2	11	8	4
Year			838.8		800.9	75.4	57.9	43.7	10.2		33		2.2		21	4	2	25	11	30	113	138	15

* Data not available.

TABLE II-B--ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0 p.km. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
SAMUNGLI (QUETTA)—*contd.*																							
January	1500	5253	843.3		803.3	40.6	37.6	34.2	6.5		75		4.1		1	2	5	2	1	3	6	4	7
February			839.3		800.3	49.3	39.3	26.4	2.7		37		1.4		1	0	1	4	3	4	5	4	6
March			840.9		801.9	59.8	48.8	38.1	6.9		43		3.8		1	0	2	7	3	5	7	4	2
April			838.1		801.1	64.8	49.3	33.9	5.2		29		1.7		1	0	0	5	1	2	14	4	0
May			836.0		799.8	71.1	59.6	52.1	12.2		49		2.6		2	0	2	3	1	6	10	6	1
June			833.4		796.4	80.3	63.8	53.9	12.6		38		0.3		0	0	0	0	0	8	18	3	1
July			832.1		895.1	86.8	67.8	58.2	14.8		36		0.8		1	0	2	7	3	4	9	3	2
August			833.1		796.1	83.1	69.6	64.0	18.5		49		3.2		0	0	0	18	1	5	3	1	3
September			836.9		799.9	77.9	62.4	52.9	12.3		40		0.6		0	0	0	4	4	12	5	1	4
October			841.0		803.0	59.6	46.6	34.3	5.2		34		0.2		0	0	0	2	0	12	8	5	4
November			844.2		804.2	48.7	37.7	26.4	2.9		31		0.5		0	0	6	4	2	6	4	1	7
December			843.0		803.0	44.5	39.0	33.1	5.6		61		3.1		0	0	2	8	1	3	6	1	10
Year			838.4		800.3	63.9	51.8	42.3	8.9		45		1.9		7	2	20	64	20	70	65	37	50
January	1800	5253	843.3		803.3	37.1	35.1	32.2	5.8		83		3.6		1	2	5	7	3	2	2	3	6
February			840.6		800.6	43.2	36.2	26.3	3.4		50		1.3		0	0	4	12	3	2	3	1	3
March			840.7		801.7	55.3	47.3	38.8	6.7		55		3.2		1	0	4	9	2	4	5	3	3
April			840.6		801.6	58.9	46.4	33.0	4.5		38		0.9		0	0	4	5	1	5	7	3	5
May			836.4		799.4	64.3	55.8	48.7	10.5		59		1.8		1	1	3	8	4	5	4	2	3
June			833.7		796.7	70.1	58.1	50.2	12.1		48		0.1		0	0	9	9	5	4	1	0	2
July			832.7		795.7	78.5	66.0	60.2	15.1		52		0.2		0	0	10	15	1	3	2	0	0
August			834.0		797.0	77.9	68.9	64.6	21.7		64		2.4		0	1	5	21	3	1	0	0	0
September			837.3		800.3	66.2	57.7	51.6	12.8		60		0.6		0	0	6	16	3	4	0	0	1
October			841.9		802.9	48.8	40.8	30.7	4.5		50		0.1		0	1	6	13	1	2	3	2	3
November			843.9		803.9	38.6	32.1	22.2	2.7		49		0.4		0	2	12	11	1	0	1	0	3
December			843.2		803.2	39.6	36.1	32.4	5.1		73		3.1		0	0	7	9	1	2	1	0	11
Year			839.0		800.5	56.5	48.4	40.9	8.7		53		1.5		3	7	75	135	28	34	29	14	40
January	2100	5253	842.8		802.8	33.7	32.2	29.9	5.4		87		2.4		2	1	6	11	1	3	1	1	5
February			840.0		799.7	38.6	33.1	25.5	3.9		57		1.0		0	0	7	13	3	1	0	2	2
March			840.2		801.2	51.7	44.7	37.7	6.9		58		2.3		1	0	7	7	4	5	3	3	1
April			840.1		801.1	54.4	44.9	33.9	5.7		49		4.1		0	0	5	7	4	5	5	2	0
May			836.7		798.7	58.5	52.5	47.0	10.5		68		1.6		1	0	8	11	2	3	3	1	2
June			834.0		796.0	62.7	53.2	45.9	9.5		54		0.1		0	1	10	10	3	3	2	0	1
July			832.4		795.4	73.4	63.9	58.0	15.5		60		0.1		0	3	10	13	1	2	2	0	0
August			833.7		796.7	74.1	66.6	62.6	18.6		68		2.3		0	0	6	23	1	0	0	0	1
September			838.6		799.6	60.7	53.7	49.5	10.4		64		0.5		0	0	9	17	1	0	0	0	3
October			842.2		802.2	42.4	36.9	29.5	4.8		59		0.1		0	0	10	11	0	1	0	2	6
November			843.2		803.2	33.5	30.5	20.3	3.4		57		0.3		0	1	10	9	0	0	1	0	9
December			842.3		802.3	37.0	34.5	31.1	5.5		79		3.4		0	0	10	10	0	0	2	1	8
Year			838.9		799.9	51.7	45.6	39.2	8.3		63		1.5		4	7	98	142	20	23	19	12	40

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pk m. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
DALBANDIN																							
January	0600	2785	926.8		907.8	51.2	45.7	39.4	8.2		61		4.3		0	13	14	2	0	2	0	0	0
February			922.2		903.7	61.5	46.0	25.0	4.3		20		0.9		0	10	7	0	1	1	1	0	8
March			920.0		900.9	72.7	54.7	37.5	7.5		25		3.1		0	8	3	3	3	9	1	1	3
April			919.7		901.8	80.6	56.6	31.3	6.2		14		1.3		0	10	0	4	0	5	0	2	9
May			915.2		897.7	88.9	61.4	37.2	7.5		14		1.5		0	5	1	2	4	6	2	4	7
June			910.4		893.2	96.1	65.1	39.4	9.7		13		0.3		1	7	2	2	0	5	4	0	9
July			907.2		890.3	99.8	67.8	44.6	10.4		13		0.5		0	3	1	0	3	12	2	3	7
August			908.9		891.8	97.9	68.9	50.5	12.4		17		1.6		0	9	5	4	3	7	1	2	0
September			915.0		897.6	90.5	61.5	33.7	7.0		12		0.4		0	15	5	0	0	2	2	0	6
October			921.6		903.5	74.7	52.7	25.1	4.9		14		0.1		0	24	6	0	0	0	0	0	1
November			924.4		906.0	66.0	49.0	26.8	5.0		21		0.5		0	13	11	1	0	0	0	0	5
December			924.3		905.5	56.9	47.4	36.8	7.4		44		3.2		0	19	4	3	2	0	0	1	2
Year			918.0		900.1	78.1	57.2	35.6	7.5		22		1.5		1	136	59	21	16	49	13	13	57
January	0900	2785	924.6		905.8	57.4	49.9	39.3	9.3		50		4.4		0	10	12	2	2	0	0	0	5
February			920.0		901.7	69.2	48.7	24.2	3.5		16		1.1		0	4	8	1	4	3	0	0	8
March			918.0		900.1	79.3	56.3	36.5	6.2		18		3.8		1	1	2	3	4	14	3	1	2
April			917.7		900.0	86.7	58.2	32.6	6.3		10		2.3		1	1	1	5	1	10	1	7	3
May			913.4		896.1	94.1	62.1	37.5	6.0		11		2.4		0	2	1	3	2	5	5	5	8
June			908.8		891.8	101.2	65.5	42.3	9.4		11		1.0		0	5	3	3	3	7	1	5	3
July			906.1		889.3	106.5	68.0	44.6	10.9		10		0.9		0	2	0	2	4	10	4	6	3
August			907.2		890.4	103.6	68.6	49.3	11.8		14		1.5		1	0	4	1	2	17	2	1	3
September			913.1		895.9	97.6	63.1	36.4	7.6		9		0.6		1	4	3	4	5	0	0	5	8
October			919.4		901.6	83.1	55.6	28.3	5.4		11		0.1		0	9	5	2	0	3	2	0	10
November			922.8		904.8	79.4	54.4	29.2	5.5		13		0.8		0	8	8	1	0	1	0	0	12
December			921.7		903.4	67.0	57.0	56.1	7.2		30		3.9		0	8	5	0	4	6	1	0	7
Year			916.1		898.4	85.4	58.9	36.3	7.4		17		1.9		4	54	32	27	32	75	19	30	72
January	1500	2785	924.9		906.0	51.6	45.6	39.7	8.0		59		3.1		1	12	12	0	1	1	0	0	4
February			919.4		900.9	61.3	46.3	24.8	4.4		21		1.1		3	6	3	0	3	5	3	0	5
March			914.3		896.3	72.9	55.2	36.1	7.0		21		3.8		1	4	3	2	6	11	3	1	0
April			916.7		898.9	79.1	57.1	34.6	6.5		18		2.3		3	4	0	1	1	6	0	6	9
May			910.7		893.3	87.9	60.9	37.5	6.0		12		2.4		3	2	0	1	0	5	1	16	3
June			908.2		890.8	88.2	66.6	40.2	6.0		11		0.6		4	2	3	0	0	9	1	7	4
July			905.0		888.1	101.4	67.9	43.4	9.2		10		1.1		0	2	0	6	3	10	4	5	1
August			906.1		889.1	99.2	68.7	47.9	11.0		15		2.7		2	0	1	3	1	10	1	7	6
September			912.2		894.8	89.3	61.3	34.8	6.2		13		0.7		2	5	5	1	1	9	1	0	6
October			919.2		901.1	71.8	52.3	28.9	5.3		17		0.1		0	10	1	4	0	4	1	3	8
November			922.5		904.0	63.3	47.8	26.8	5.0		21		0.4		2	8	5	3	0	3	0	0	9
December			922.5		903.8	56.7	47.2	36.2	6.9		41		3.0		1	10	6	1	1	6	3	0	3
Year			914.9		897.3	76.9	56.0	35.9	7.0		22		1.8		22	65	39	22	17	79	18	45	58

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From — N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
DALBANDIN—*contd.*																							
January	1800	2785	925.4		906.3	47.0	44.5	38.7	8.2		71		2.8		0	15	3	1	0	0	0	0	12
February			920.4		901.6	54.5	43.2	25.3	5.0		29		1.2		1	11	3	1	1	3	1	2	5
March			918.7		900.2	6.32	50.7	36.0	7.1		34		2.6		1	8	0	1	4	5	3	3	6
April			917.8		899.8	71.7	54.7	33.9	6.5		25		1.1		2	5	1	0	0	1	0	6	15
May			914.1		896.3	81.5	58.6	36.4	6.3		16		1.4		2	2	1	1	0	1	0	16	8
June			909.4		892.0	88.5	61.5	37.1	7.8		12		0.3		0	5	2	3	0	3	1	14	2
July			906.3		889.1	92.9	64.4	40.1	8.6		12		1.1		0	3	0	3	0	8	3	12	2
August			967.5		890.3	91.8	66.3	47.1	11.3		18		1.6		2	3	1	3	1	7	1	7	6
September			913.7		895.9	81.5	58.5	32.9	6.4		16		0.3		3	3	1	5	1	3	1	6	7
October			920.4		902.0	64.1	48.1	26.0	5.0		19		0.0		6	10	0	5	0	0	0	3	7
November			923.2		904.4	55.6	44.0	26.0	4.9		30		0.5		3	4	0	2	0	0	0	3	18
December			923.3		904.3	51.5	45.0	35.6	6.9		51		2.4		1	14	3	2	0	1	0	3	7
Year			916.7		898.5	70.3	53.3	34.6	7.0		28		1.3		21	83	15	27	7	32	10	75	95
January	2100	2785	925.1		905.9	44.0	41.9	38.2	7.6		78		3.1		0	15	11	0	0	0	1	0	4
February			920.2		901.2	49.2	40.2	25.0	4.5		38		0.8		2	11	4	1	0	4	0	2	4
March			918.7		900.2	61.2	49.2	35.8	6.9		35		2.7		0	12	3	0	0	5	1	4	6
April			917.5		899.1	65.2	51.2	33.2	6.9		27		0.7		4	3	1	1	1	1	0	3	16
May			913.7		895.7	74.0	56.0	35.5	7.9		23		1.0		3	5	1	0	1	1	2	8	10
June			909.1		891.4	79.8	58.3	35.4	7.8		16		0.4		2	4	0	1	0	5	3	8	7
July			906.3		888.9	85.8	62.3	40.8	9.4		18		0.6		0	2	0	5	1	9	5	7	2
August			907.9		890.4	85.7	63.2	46.9	10.3		23		1·3		1	0	2	3	3	9	2	4	7
September			913.6		895.6	73.3	55.3	32.6	9.0		20		0.2		0	7	2	0	0	2	1	5	13
October			920.1		901.4	57.6	44.6	23.9	4.3		32		0.1		3	11	3	0	0	0	0	3	11
November			922.8		903.7	49.5	39.5	24.2	4.1		33		0.3		4	6	1	0	0	0	1	0	18
December			922.6		903.5	47.6	43.1	35.7	7.2		56		2.4		1	16	0	0	1	0	0	2	11
Year			916.5		898.1	64.4	50.4	33.9	7.2		33		1.1		20	92	28	11	7	36	16	46	109
JIWANI																							
January	0600	184	1014.2		1020.8	68.3	57.1	54.3	15.9		43		4.3		13	8	3	4	0	0	0	2	1
February			1009.2		1015.8	72.1	57.3	51.0	13.9		39		0.8		6	2	0	0	2	1	8	5	4
March			1005.9		1012.4	79.4	65.6	62.1	20.8		48		2.5		1	1	4	5	1	0	9	8	2
April			1004.5		1010.9	84.5	64.3	55.3	16.9		37		1.1		5	1	0	3	1	3	14	3	0
May			999.1		1005.5	90.9	69.7	63.0	20.8		38		0.5		2	3	3	1	2	6	10	4	0
June			993.8		1000.1	88.3	77.1	77.3	32.9		47		2.3		0	0	2	9	9	6	1	1	2
July			993.6		999.9	86.2	75.4	74.9	30.5		53		5.5		0	1	2	12	14	1	0	0	1
August			994.7		1001.0	83.0	74.0	74.2	31.8		51		6.5		0	0	3	21	4	3	0	0	0
September			999.0		1005.3	85.9	72.5	71.5	27.6		48		3.8		1	2	2	8	6	2	5	0	4
October			1005.1		1011.5	86.3	62.1	49.1	12.9		27		1.2		9	2	4	2	2	1	5	6	0
November			1009.2		1015.7	80.0	64.2	58.7	19.3		39		0.2		4	5	3	0	0	0	6	10	2
December			1010.5		1017.1	73.7	59.1	53.6	16.9		38		2.5		7	4	3	2	0	1	3	8	3
Year			1003.2		1009.7	81.5	66.5	62.1	21.7		42		2.6		48	29	29	67	41	24	61	47	19

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
JIWANI—*contd.*																							
January		184	1011.9		1018.5	70.8	61.3	53.6	15.4		52		5.0		9	8	3	3	0	0	2	5	1
February			1006.9		1013.5	75.7	65.7	48.6	18.3		54		0.7		2	1	1	2	2	4	10	5	1
March			1004.6		1011.0	82.7	69.7	62.1	19.9		56		2.4		0	0	1	9	5	2	11	1	2
April			1003.1		1009.4	88.3	66.8	50.9	13.9		25		1.0		0	0	0	5	5	5	14	1	0
May			998.0		1004.3	92.5	73.6	61.7	20.8		35		0.4		0	0	1	5	6	12	7	0	0
June			992.3		998.6	90.7	80.8	77.3	32.9		60		1.1		1	0	0	7	12	10	0	0	0
July			992.5		998.8	87.9	78.9	75.0	30.9		61		5.1		0	0	0	13	18	0	0	0	0
August			993.5		999.8	84.4	77.5	73.9	29.5		69		4.7		0	0	0	23	6	2	0	0	0
September			997.4		1003.7	87.9	76.9	71.8	27.9		57		3.2		0	0	2	4	8	10	3	3	0
October			1002.8		1009.1	91.0	66.6	47.1	16.9		20		1.0		2	2	3	6	2	6	9	0	1
November			1007.1		1013.5	84.8	67.8	56.2	12.3		36		0.4		2	0	3	5	3	2	10	3	2
December			1008.1		1014.7	76.7	63.7	54.2	14.9		42		3.6		2	3	4	2	2	2	8	8	0
Year			1001.5		1007.9	84.5	70.8	61.0	21.1		47		2.4		18	14	18	84	69	55	74	26	7
KARACHI (AIRPORT)																							
January	0600	73	1017.7		1020.4	70.0	59.9	44.5	10.0		48		2.6		2	19	4	1	1	0	0	0	4
February			1011.7		1014.4	77.0	59.9	43.9	9.5		31		0.9		4	3	5	1	1	0	4	4	6
March			1009.0		1011.6	86.5	70.6	59.9	16.3		40		1.8		3	3	3	1	1	2	8	0	8
April			1007.2		1009.8	89.9	70.9	58.9	15.1		33		1.2		3	0	0	0	1	8	5	6	5
May			1002.4		1004.9	94.1	75.0	65.1	21.0		38		1.5		2	1	2	0	0	9	12	4	3
June			997.2		999.7	90.0	79.9	74.6	29.3		58		4.8		2	0	0	0	1	16	12	1	0
July			997.6		1000.1	88.5	75.6	74.0	25.3		55		5.2		0	0	0	0	2	15	14	0	0
August			998.8		1001.3	85.4	78.6	75.3	27.6		69		6.7		0	0	0	0	1	10	19	1	0
September			1002.6		1005.1	88.1	77.9	71.8	26.1		54		4.6		0	4	0	1	0	3	18	1	3
October			1007.4		1009.9	88.8	70.5	58.3	13.3		30		1.0		5	2	2	1	0	2	5	6	6
November			1012.3		1014.9	83.1	64.8	52.4	12.0		30		0.6		4	8	0	1	1	4	4	1	7
December			1014.8		1017.4	75.8	62.9	55.0	13.5		41		2.2		5	6	8	4	0	0	1	1	6
Year			1006.6		1009.1	84.8	70.5	61.1	18.3		44		2.8		30	46	24	10	9	69	102	25	50
January	0900	73	1014.7		1017.4	74.7	60.1	45.3	9.0		30		2.5		2	12	4	2	1	1	1	0	8
February			1009.1		1011.7	82.8	62.6	42.9	8.2		20		0.9		2	1	3	4	2	5	2	3	6
March			1006.7		1009.3	91.0	72.6	60.3	16.0		34		1.8		0	1	2	0	4	10	8	2	4
April			1005.3		1007.9	90.2	72.8	60.0	17.1		35		1.0		2	1	0	1	3	11	7	2	3
May			1000.7		1003.2	96.5	79.6	71.3	29.9		40		0.9		0	1	0	0	3	19	7	1	0
June			996.2		998.6	91.5	71.1	75.3	29.0		57		3.8		0	0	0	0	2	19	9	0	0
July			996.5		999.0	89.8	70.4	74.8	28.2		60		4.5		0	0	0	0	2	18	11	0	0
August			997.4		999.9	87.3	80.4	75.0	27.1		67		6.0		0	1	0	0	1	15	14	0	0
September			1000.6		1003.1	91.2	78.5	70.1	22.9		50		4.7		1	2	1	2	0	11	11	1	1
October			1005.2		1007.7	94.7	72.5	58.3	15.2		27		1.5		1	1	3	3	2	10	5	2	4
November			1009.6		1012.2	87.0	67.6	50.7	12.1		30		0.4		5	4	0	3	4	8	3	0	3
December			1012.2		1014.8	79.4	64.0	49.0	11.0		35		2.7		3	5	5	4	5	14	2	1	4
Year			1004.5		1007.0	88.0	71.0	18.0	61.1		40		2.6		16	29	18	19	29	129	80	12	33

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal.	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Directions Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
KARACHI (AIRPORT)—*contd.*																							
January	1500	73	1015.8		1018.6	66.4	56.4	47.1	9.2		49		1.7		0	11	4	0	0	2	6	3	5
February			1009.5		1012.2	71.5	60.5	50.9	12.0		49		0.7		1	2	0	0	1	10	9	2	3
March			1006.9		1009.5	79.5	70.5	65.2	20.0		62		1.8		1	1	0	0	1	11	15	1	1
April			1004.8		1007.5	81.6	70.0	63.6	19.1		55		0.7		0	0	0	0	1	16	12	1	0
May			1000.4		1002.9	85.9	75.2	71.5	25.9		61		1.2		1	0	0	0	2	19	8	1	0
June			996.1		998.6	85.0	77.5	76.5	29.1		71		5.1		0	0	0	0	1	20	9	0	0
July			996.4		998.9	83.7	78.2	76.2	30.8		77		4.7		0	0	0	0	2	21	8	0	0
August			997.4		999.9	81.8	78.6	75.7	31.2		83		6.3		0	0	0	0	0	23	7	1	0
September			1001.0		1003.5	83.6	76.6	73.7	27.9		71		3.2		0	0	2	0	2	12	10	2	2
October			1006.1		1008.6	81.7	71.6	66.3	21.0		58		1.2		0	0	0	0	1	9	5	1	15
November			1011.0		1013.6	75.6	65.6	58.7	15.9		55		0.3		0	3	0	0	2	8	2	0	15
December			1013.3		1015.9	70.3	60.8	52.6	13.9		55		1.5		4	3	2	0	2	5	5	3	7
Year			1003.3		1007.5	78.9	70.1	64.8	21.3		63		2.4		7	20	8	0	14	15	96	15	48
January	1800	73	1016.3		1019.1	60.6	53.2	45.9	9.9		57		1.5		5	10	0	1	0	0	0	1	14
February			1010.4		1013.2	65.1	58.2	52.2	12.4		62		0.5		2	1	0	0	0	1	4	6	14
March			1007.8		1010.5	75.5	69.0	66.2	21.0		74		0.8		2	0	0	0	0	3	12	4	10
April			1006.1		1008.8	77.0	69.3	64.5	19.5		66		0.4		0	0	0	0	0	8	7	5	10
May			1001.7		1004.2	83.1	76.6	72.7	26.8		72		1.1		0	0	0	0	1	13	4	2	8
June			997.2		999.7	84.3	78.5	76.6	30.2		78		3.9		0	0	0	0	3	16	10	0	1
July			997.6		1000.1	83.0	77.0	76.3	29.2		78		4.6		0	0	0	0	2	21	8	0	0
August			998.6		1001.1	81.2	77.7	76.1	29.1		84		6.1		0	0	0	0	1	17	12	0	1
September			1001.9		1004.4	81.6	76.2	75.1	28.0		80		3.0		1	0	0	1	1	7	13	2	5
October			1006.9		1009.4	76.3	68.3	65.4	19.8		68		0.8		1	0	0	1	1	0	4	1	23
November			1011.5		1014.2	68.5	61.8	55.9	14.2		64		0.0		0	1	0	0	0	0	1	1	27
December			1014.2		1016.4	64.2	56.7	50.3	11.2		59		1.0		3	6	2	0	0	1	0	1	18
Year			1005.8		1008.4	75.0	68.5	64.8	20.9		70		2.1		14	18	2	3	9	87	78	23	131
January	2100	73	1015.7		1018.5	57.4	51.3	44.7	9.4		61		1.9		7	11	0	0	0	0	0	0	13
February			1009.5		1012.3	61.0	56.0	48.0	11.6		64		0.6		4	1	1	0	0	0	0	3	18
March			1006.8		1009.5	72.7	65.7	65.1	18.6		74		1.1		1	0	0	0	0	3	10	3	14
April			1005.2		1007.9	74.4	64.9	61.6	16.5		66		0.7		0	0	0	0	0	4	5	5	16
May			1000.6		1003.1	80.9	75.9	72.2	24.4		72		2.1		1	0	0	0	0	10	10	1	9
June			996.3		998.8	83.4	77.9	76.6	29.3		79		3.8		0	0	0	0	1	12	16	0	1
July			996.7		999.2	82.3	77.2	76.1	28.5		81		4.8		0	0	0	0	1	16	13	0	1
August			997.4		999.9	80.3	73.0	75.9	28.3		85		6.4		0	0	0	0	1	11	17	0	2
September			1001.1		1003.6	80.5	76.0	74.5	27.1		83		4.1		0	1	0	0	1	5	14	6	4
October			1005.9		1008.4	72.3	65.6	62.2	17.3		69		1.0		1	1	0	0	0	0	3	4	22
November			1010.6		1013.3	64.5	57.0	53.1	13.4		66		0.1		5	1	0	0	0	0	0	1	23
December			1013.3		1015.5	69.6	54.5	49.0	12.1		66		1.2		9	3	1	1	0	0	0	0	17
Year			1004.9		1007.5	72.5	66.7	63.3	19.7		73		2.3		28	18	2	1	4	61	88	23	140

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 195

STATION AND MONTH	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%		oktas									
CHOOR																							
January	0600	19	1019.6		1020.3	67.2	53.2	37.6	6.5		33		2.3		2	19	1	0	0	0	0	1	8
February			1013.4		1014.1	77.5	59.0	40.5	7.7		27		1.0		2	9	6	1	3	1	0	0	6
March			1010.1		1010.8	87.8	65.3	48.1	10.0		25		1.4		2	8	2	1	2	6	3	3	4
April			1008.3		1008.9	92.0	67.5	43.9	11.0		23		0.9		2	3	3	1	1	13	1	1	5
May			1002.9		1003.5	96.7	72.7	59.4	15.4		28		0.6		1	1	1	0	1	18	0	0	9
June			998.1		998.7	94.0	78.5	71.1	25.0		48		2.6		0	0	0	0	0	26	4	0	0
July			998.5		999.1	99.3	80.3	71.4	25.5		41		5.1		0	0	0	0	1	30	0	0	0
August			1000.4		1001.1	87.1	78.1	74.2	28.0		65		6.1		0	0	0	0	3	22	2	0	4
September			1004.1		1004.8	88.4	77.4	72.2	26.0		59		3.7		1	1	1	0	1	14	1	0	11
October			1009.5		1010.2	89.4	72.9	63.5	19.1		43		1.3		1	6	2	0	2	8	1	1	10
November			1014.4		1015.1	81.3	65.3	52.7	13.0		38		0.2		1	4	0	0	1	8	0	0	16
December			1016.7		1017.4	72.5	59.0	46.8	10.0		41		0.2		3	2	1	1	1	1	0	0	22
Year			1008.0		1008.7	86.1	69.1	57.2	16.4		39		2.1		15	53	17	4	16	147	12	6	95
January	0900	19	1016.2		1016.9	75.0	55.2	34.8	5·3		19		2.3		12	13	0	0	0	0	0	4	2
February			1010.4		1011.1	85.2	61.4	37.6	7.0		18		1.0		5	10	0	1	1	4	0	2	5
March			1007.2		1007.8	96.0	56.2	42.5	9.0		14		1.8		2	2	1	0	0	11	5	5	5
April			1005.7		1006.3	99.4	67.6	43.1	8.0		13		1.5		1	4	1	1	1	15	4	3	0
May			1000.7		1001.3	104.4	72.6	53.5	12.0		16		0.9		1	1	0	0	0	23	3	0	3
June			996.0		996.6	101.5	78.7	68.3	22.3		33		1.8		0	0	0	0	4	25	1	0	0
July			996.5		997.1	96.8	77.0	69.5	22.1		38		3.3		0	0	0	0	0	31	0	0	0
August			998.4		999.0	91.7	78.4	73.8	26.5		54		5.9		0	0	0	0	2	21	4	0	4
September			1001.6		1002.2	92.9	77.1	71.4	24.0		46		4.0		0	4	0	0	0	18	2	0	6
October			1005.9		1006.5	95.2	74.0	62.9	18.6		34		1.5		3	2	0	0	1	12	4	1	8
November			1011.4		1012.1	87.1	64.8	48.7	10.3		25		0.3		0	3	0	1	0	8	0	0	18
December			1013.5		1014.2	80.2	61.0	45.1	9.3		28		1.7		1	1	0	0	1	6	2	3	17
Year			1005.3		1005.9	92.1	69.5	54.3	14.5		28		2.2		25	40	2	3	10	174	25	18	68
January	1800	19	1017.6		1018.3	55.0	47.0	37.4	7.4		50		1.5		1	3	0	0	0	0	0	0	27
February			1011.3		1012.0	60.7	51.7	42.1	9.0		50		0.8		1	1	0	1	1	0	0	0	24
March			1008.2		1008.9	71.6	59.6	49.8	2.1		46		0.7		1	1	1	0	1	6	1	1	19
April			1006.5		1007.2	80.5	63.0	49.0	11.7		34		0.5		0	1	0	0	0	9	1	0	19
May			1001.6		1002.3	85.7	69.2	59.0	16.9		41		0.7		1	0	0	0	0	14	1	1	14
June			997.5		998.2	87.0	77.0	71.8	27.1		62		1.4		0	0	0	0	1	27	1	0	1
July			992.7		999.1	84.6	75.1	71.4	25.4		63		0.5		0	0	0	0	0	30	0	0	1
August			999.2		999.9	82.8	77.3	74.8	29.5		77		4·5		0	1	0	1	3	18	0	0	8
September			1002.7		1003.4	82.2	76.7	73.8	28.9		77		2.1		1	1	0	0	0	13	1	0	14
October			1002.0		1008.7	72.8	66.8	62.9	19.7		72		0.3		0	0	1	0	2	6	0	0	22
November			1012.9		1013.6	60.0	55.5	51.0	13.0		73		0.1		0	0	0	2	0	1	0	0	27
December			1015.6		1016.3	56.1	51.5	46.7	11.0		72		0.7		0	1	0	0	0	0	0	0	30
Year			1005.7		1007.3	73.3	64.1	57.5	16.8		60		1.1		5	9	2	4	8	124	5	2	206

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

STATION AND MONTH	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0pkm. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
HYDERABAD																							
January	0600	98	1017.6		1021.3	59.2	50.7	40.9	8.8		51		2.4		0	14	6	3	0	0	0	0	8
February			1011.1		1014.8	73.4	56.9	39.3	8.4		29		0.8		1	8	2	4	1	0	0	0	12
March			1007.9		1011.6	87.1	66.6	51.0	13.1		30		1.4		0	8	3	3	0	4	0	1	12
April			1005.7		1009.4	94.5	66.0	41.1	8.9		16		0.8		0	5	0	1	2	14	0	1	7
May			1000.1		1003.7	98.5	73.0	58.1	17.4		26		0.4		0	5	1	1	0	17	0	3	4
June			994.5		998.1	95.4	78.4	70.2	27.1		44		0.3		0	0	0	0	2	28	0	0	0
July			921.6		998.3	92.0	78.0	70.6	27.4		51		0.7		0	0	0	0	2	29	0	0	0
August			996.4		1000.1	88.7	77.7	73.0	25.1		59		2.8		0	0	0	0	1	23	0	0	7
September			1000.8		1004.6	90.8	76.8	69.5	15.9		51		2.3		0	0	0	2	1	14	1	0	12
October			996.7		1010.4	88.3	69.8	56.1	12.5		34		0.7		4	0	0	0	2	6	0	0	19
November			1011.6		1015.3	80.7	63.7	50.0	11.9		35		0.0		3	2	0	1	0	8	0	0	16
December			1014.6		1018.4	70.5	59.0	48.5	10.9		46		2.4		16	0	0	0	0	0	0	1	14
Year			1004.3		1008.9	84.9	68.1	55.7	15.6		39		1.3		24	42	12	15	11	143	1	6	111
January	0900	98	1009.5		1018.2	71.8	55.2	39.0	6.8		28		2.3		2	12	6	1	0	0	0	0	10
February			1008.2		1011.9	84.3	64.9	36.0	11.5		11		0.6		0	4	9	3	4	0	0	0	8
March			1004.7		1008.6	95.5	62.7	44.6	4.0		22		1.4		0	3	13	6	2	3	0	1	3
April			1002.9		1006.7	100.7	67.1	39.5	6.9		10		1.1		2	5	2	3	0	13	1	1	3
May			1000.8		1001.5	105.0	73.4	54.3	12.8		17		0.2		1	5	0	1	0	19	0	3	2
June			993.0		996.7	102.1	78.0	67.4	21.4		30		0.6		0	0	0	0	2	26	1	0	1
July			995.6		997.2	97.6	78.0	69.7	23.2		38		0.7		0	0	0	0	1	28	2	0	2
August			995.2		998.8	92.2	78.6	72.8	26.0		52		4.1		0	0	0	0	2	20	0	0	9
September			999.2		1002.8	95.1	77.0	67.8	23.1		41		2.4		3	1	0	1	1	14	1	0	9
October			1009.5		1008.1	95.0	68.9	51.2	12.1		21		0.9		3	3	0	0	2	5	0	0	18
November			1009.0		1012.7	87.6	63.0	45.0	8.0		20		0.0		2	4	0	0	0	5	0	1	18
December			1013.8		1015.6	77.4	61.6	47.7	9.7		35		2.3		17	0	0	0	2	0	0	0	12
Year			1003.0		1006.6	92.0	69.0	52.9	13.8		27		1.4		30	47	30	15	16	133	3	6	95
January	1800	98	1015.3		1019.0	58.7	50.2	41.4	7.8		51		1.3		0	10	5	4	0	0	0	0	12
February			1009.5		1012.5	66.2	54.2	40.8	8.2		41		0.5		0	5	4	2	1	0	0	0	16
March			1005.9		1009.6	77.8	62.8	52.4	12.0		90		0.5		0	3	0	4	1	4	0	0	19
April			1004.1		1007.8	78.8	63.3	51.5	12.1		39		0.2		1	2	0	0	5	12	1	0	9
May			1000.1		1002.8	86.2	70.7	61.4	18.0		43		0.9		2	0	0	1	0	18	0	0	10
June			994.5		998.2	85.3	77.3	73.5	27.5		68		0.5		0	0	0	0	2	28	0	0	0
July			995.0		998.7	84.1	77.6	72.7	28.5		69		0.3		0	0	0	0	2	29	0	0	0
August			996.2		999.9	82.6	76.1	73.5	27.0		73		3.9		0	0	0	0	1	24	0	0	6
September			1000.1		1003.8	82.8	71.3	72.4	20.0		57		1.9		0	1	0	0	0	15	0	0	14
October			1008.5		1009.2	77.6	66.1	58.7	16.0		52		0.1		1	0	0	0	0	6	0	0	24
November			1010.3		1014.0	69.1	60.1	53.1	13.0		56		0.1		2	1	0	0	0	5	0	0	22
December			1013.1		1016.8	62.6	55.1	49.1	10.6		59		0.6		15	0	0	0	0	0	0	0	16
Year			1004.4		1007.7	76.0	65.4	58.4	16.7		54		0.9		21	22	9	11	12	141	1	0	148

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 0·5mm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure.	Departure from normal.	Relative humidity.	Departure from normal.	Total Cloud Amount: Mean amount.	Departure from normal.	Wind Directions Number of Observations From —: N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
NAWABSHAH																							
January	0600	124	1008.2		1012.8	64.0	52.7	41.1	7.7		42		2.9		15	1	1	1	0	0	0	2	11
February			1011 6		1016.1	73.0	58.7	46.4	9.6		38		0.9		8	0	0	1	0	0	0	5	14
March			1007.7		1012.1	85.0	70.2	62.1	17.1		45		2.5		7	0	3	0	4	2	0	6	9
April			1004.9		1009.3	94.0	67.7	46.9	9.7		19		1.2		5	2	2	2	8	2	0	2	7
May			1000.4		1004.7	97.9	73.1	58.6	15.3		26		0 5		11	0	0	1	10	1	0	1	7
June			993.0		997.5	99.9	79.6	71.5	24.2		38		1.2		1	0	0	0	25	2	0	0	2
July			993.2		997.5	96.6	79.8	73.3	25.7		46		0.5		1	0	0	1	29	0	0	0	1
August			998.0		1002.4	92.1	79.3	74.3	27.7		55		4.9		0	0	0	3	11	2	1	0	4
September			1001.0		1005.4	90.5	78.7	75.2	27.2		58		2.4		0	2	1	1	14	0	0	1	11
October			996.0		1011.0	88.0	68.7	57.2	14.0		33		1.3		2	0	0	0	4	2	0	2	21
November			1001.9		1016.3	79.0	64.2	53.6	12.8		40		0.1		3	0	0	0	4	0	1	3	19
December			1004.8		1019.6	67.9	58.1	51.4	11.0		52		2.5		7	2	2	1	0	0	0	3	16
Year			1003.4		1008.7	85.7	69.2	69.3	16.8		41		1.7		59	7	9	11	109	11	2	25	122
January	0900	124	1015.2		1019·7	70.0	56.0	41.4	8.5		36		2.5		17	4	1	0	1	0	0	1	7
February			1018.9		1013.3	81.0	61.5	45.0	9.3		27		1.0		7	0	3	1	3	0	2	2	10
March			1005.4		1009.8	92.3	73.8	62.9	19.5		39		2.6		4	1	0	2	5	1	4	6	8
April			1003.9		1007.2	99.2	69.2	46.6	10.2		17		1.3		5	0	2	1	7	3	3	5	4
May			1008.3		1002.6	104.6	74.1	55.8	14.3		20		0.5		12	0	0	1	4	3	2	2	7
June			992.2		996.2	106.5	81.5	68.0	24.7		31		0.2		1	0	0	0	22	0	1	0	6
July			991.6		995.8	103.2	82.2	72.7	27.5		39		0.6		0	0	0	0	28	0	0	0	3
August			994.0		998.3	96.0	80.5	73.9	28.0		49		4.8		0	0	2	1	13	2	0	0	3
September			998.9		1003.3	94.8	79.3	73.4	26.5		49		2.5		2	0	2	21	11	0	0	0	13
October			1004.1		1008.8	93.8	69.8	54.2	13.5		26		1.2		4	2	1	0	6	1	0	3	14
November			1008.8		1013.2	85.7	54.2	47.3	10.1		25		0.1		2	2	0	0	3	1	0	4	18
December			1012.2		1016.7	74.6	61.1	50.9	12.0		43		2.3		10	2	2	1	1	1	2	3	9
Year			1004.5		1007.1	91.8	71.1	57.7	17.0		33		1.6		64	12	12	9	104	12	14	26	102
JACOBABAD																							
January	0600	183	1015.7		1022.4	63.7	56.7	51.2	12.0		60		3.0		4	3	2	2	2	3	4	7	4
February			1009.3		1015.9	72.1	61.6	53.3	14.0		50		1.0		4	3	6	2	1	1	0	5	6
March			1005.3		1011.7	83.1	65.6	53.0	13.0		33		2.0		6	3	7	5	0	0	0	4	6
April			1002.7		1008.9	92.4	66.4	44.3	10.0		17		0.6		2	0	6	5	3	3	2	5	4
May			997.6		1003.7	97.3	75.3	63.0	20.0		32		1.0		4	3	5	9	2	0	0	5	3
June			990.5		996.6	100.7	80.7	72.0	26.0		38		0.2		2	1	3	4	5	5	2	2	6
July			990.6		996.7	95.4	80.4	73.4	28.0		48		0.1		0	0	4	20	7	0	0	0	0
August			998.6		999.7	93.1	80.1	74.0	28.5		53		4.0		0	1	5	13	8	1	2	1	0
September			998.3		1004.4	93.4	79.4	72.8	27.9		52		1.2		2	4	4	11	6	0	0	0	3
October			1004.2		1010.6	87.4	67.9	54.1	14.0		31		0.1		4	2	4	2	5	1	2	5	6
November			1009.4		1015.9	77.6	62.6	51.1	12.0		37		0.1		2	4	1	4	1	3	3	3	9
December			1012.8		1019.5	66.8	58.3	51.0	12.0		55		2.5		7	2	9	1	2	1	0	5	4
Year			1002.5		1008.8	85.3	69.6	59.3	18.1		42		1.3		37	26	56	79	42	18	15	42	51

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest 50km. level.	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal.	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Directions Number of Observations From — N	NE	E	SE	S	SW	W	NW	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
JACOBABAD—*contd.*																							
January	0900	183	1012.9		1019.5	68.3	59.8	53.3	13.0		58		3.3		4	3	2	0	1	1	5	10	5
February			1006.5		1013.0	78.9	65.4	55.6	14.8		45		1.3		1	3	4	4	4	1	1	7	3
March			1003.1		1009.3	89.1	67.1	51.2	12.0		27		2.9		3	1	5	5	6	2	2	5	2
April			1000.6		1006.7	98.0	68.0	42.8	9.2		16		0.9		0	2	1	5	5	5	3	9	0
May			995.9		1001.9	102.4	76.9	62.9	19.5		28		0.6		4	5	1	5	3	2	6	4	1
June			989.0		994.9	109.4	81.4	68.1	23.0		27		0.4		1	0	5	6	5	4	2	4	3
July			988.7		994.7	103.4	81.9	72.3	27.0		37		0.4		0	0	2	17	9	0	0	0	1
August			991.6		997.7	98.5	80.5	73.2	26.5		44		3.6		0	1	1	19	7	0	1	1	1
September			996.2		1002.3	98.9	79.9	70.7	26.0		41		1.5		1	3	1	14	5	2	2	1	3
October			1002.1		1008.2	93.5	68.0	48.1	10.7		21		0.1		2	0	3	5	5	3	3	6	4
November			1006.7		1013.1	84.7	64.7	49.9	11.0		29		0.0		3	0	1	2	3	7	6	5	3
December			1010.1		1016.6	73.3	61.3	51.0	11.5		47		2.7		4	4	4	1	4	0	2	8	4
Year			1000.2		1006.5	91.5	71.2	58.3	17.0		35		1.4		23	22	30	83	57	27	33	60	30
January	1500	183	1013.2		1019.9	61.3	55.8	50.0	11.5		67		2.6		4	1	0	1	0	0	4	9	12
February			1006.1		1012.7	69.2	59.7	51.8	12.0		52		1.0		2	1	2	3	1	1	3	4	11
March			1005.4		1011.9	81.7	66.2	55.7	14.0		39		1.3		2	1	3	5	5	3	1	2	9
April			999.0		1005.3	86.9	64.9	46.5	10.0		23		0.5		1	0	0	9	11	2	1	2	4
May			994.6		1000.7	95.0	74.0	52.3	18.0		32		0.8		2	1	2	11	8	2	1	1	3
June			987.0		993.0	103.6	81.1	70.5	24.5		34		0.5		0	0	2	6	17	4	1	0	0
July			986.9		993.0	100.7	80.2	70.7	24.3		37		0.7		0	0	4	17	7	3	0	0	0
August			990.8		997.0	92.9	80.4	74.8	28.5		54		4.0		0	1	5	16	8	0	0	1	0
September			995.7		1001.9	91.0	78.5	73.2	26.0		53		1.2		0	0	1	14	7	1	0	2	5
October			1002.0		1008.3	81.6	66.1	55.8	14.0		39		0.1		0	0	0	7	12	6	0	0	6
November			1007.1		1013.6	71.9	60.4	51.3	12.8		48		0.0		0	0	4	3	6	3	0	1	12
December			1010.0		1016.7	64.0	56.5	50.4	12.2		60		1.1		2	1	3	1	0	0	2	6	16
Year			999.8		1006.2	83.3	68.7	59.4	17.3		44		1.1		13	6	26	93	83	25	13	28	78
January	1800	183	1013.6		1020.4	56.5	52.0	47.6	10.8		72		2.3		7	2	0	2	3	0	2	4	11
February			1006.6		1013.3	63.9	55.9	49.1	11.0		58		0.7		1	2	3	2	0	3	2	3	11
March			1006.2		1012.7	76.6	63.6	54.1	13.5		46		1.4		3	0	5	2	0	1	3	7	10
April			1000.0		1006.3	81.3	62.3	45.5	10.0		29		0.3		1	0	3	3	11	4	1	4	3
May			995.8		1002.0	88.2	71.2	60.8	18.0		40		1.0		1	0	5	6	8	4	2	1	4
June			988.6		994.7	97.3	80.8	72.5	28.0		47		0.5		0	0	3	4	18	1	3	0	1
July			988.7		994.8	95.5	79.5	72.4	26.5		47		0.7		0	0	5	17	9	0	0	0	0
August			992.0		998.2	90.0	79.0	74.3	28.0		60		3.0		0	2	3	12	10	2	2	0	0
September			996.9		1003.1	87.9	78.4	73.6	28.0		64		1.1		1	2	1	10	5	1	1	0	9
October			1002.8		1009.2	76.7	64.7	56.7	15.0		49		0.0		0	1	1	1	5	8	1	2	12
November			1007.8		1014.5	66.1	58.6	52.1	13.0		61		0.0		0	1	0	0	3	1	2	0	23
December			1010.8		1017.5	59.7	54.2	49.0	11.0		68		0.8		3	1	3	2	0	0	0	8	14
Year			1000.8		1007.2	78.3	67.5	60.6	17.6		53		1.0		17	11	33	61	72	24	20	29	98

TABLE II-B—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS FOR EACH MONTH AND THE YEAR 1955

Station and Month	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard temperature and gravity.	Mean Pressure: Departure from normal.	Mean Pressure: Reduced to standard temperature and M.S.L. or nearest Gpkm level.	Mean Temperature of the Air and Humidity: Dry bulb.	Mean Temperature of the Air and Humidity: Wet bulb.	Mean Temperature of the Air and Humidity: Dew point.	Mean Temperature of the Air and Humidity: Vapour pressure.	Mean Temperature of the Air and Humidity: Departure from normal.	Mean Temperature of the Air and Humidity: Relative humidity.	Mean Temperature of the Air and Humidity: Departure from normal.	Total Cloud Amount: Mean amount.	Total Cloud Amount: Departure from normal.	Wind Directions Number of Observations From — N	NE	E	SE	S	SW	W	N	Calm.
1	2	3	4	5	5a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
JACOBABAD—*concld*																							
January	2100	183	1013.8		1020.6	53.4	47.4	44.6	7.5		71		2.2		5	3	6	0	3	0	1	2	11
February			1006.6		1013.3	59.2	53.2	46.8	10.2		62		1.1		4	1	4	2	0	0	1	2	14
March			1008.9		1015.4	73.1	61.6	53.1	12.5		47		2.4		2	1	4	2	0	1	1	8	12
April			999.5		1005.9	75.6	58.6	43.0	8.0		29		0.4		6	4	3	3	3	3	2	3	3
May			995.1		1001.4	83.8	69.3	59.6	16.7		43		1.3		3	3	7	2	5	3	4	2	2
June			987.9		994.1	91.4	79.4	74.1	25.0		55		0.4		2	0	0	1	6	18	2	0	1
July			988.5		994.7	88.7	77.7	72.9	26.2		57		1.0		0	0	0	1	17	12	1	0	0
August			991.3		997.6	87.3	79.3	75.1	29.3		67		3.2		0	1	6	11	12	1	0	0	0
September			996.3		1002.6	84.8	77.3	74.1	28.6		70		1.0		1	5	4	6	7	0	0	2	5
October			1002.5		1008.9	72.7	63.[illegible]	56.5	15.0		55		0.0		0	2	3	2	0	4	0	2	18
November			1007.2		1013.9	61.6	55.6	50.6	11.3		64		0.0		5	0	1	2	0	1	1	2	18
December			1010.0		1016.8	56.3	51.8	47.3	10.0		70		1.2		5	1	3	5	0	0	0	6	11
Year			1000.6		1007.1	74.0	64.5	58.1	16.6		57		1.2		31	21	43	58	60	16	10	30	96

TABLE III-A—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER FOR EACH MONTH AND THE YEAR 1955

Station and Month	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal	Highest.	Month	Mean.	Departure from normal.	Lowest.	Month.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours	Month.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
EAST PAKISTAN (EAST)																					
Cox's Bazar	86.1	+1.1	95	IV, V	70.2	+0.7	52	I	134.01	—6.09	9.15	X	108	+1.0	3.5	+0.8	28	0	0	0	0
Chittagong	86.2	+1.1	97	V	69.9	+0.6	49	I	147.89	+40.26	15.95	X	99	+2.8	4.0	—1.1	43	0	0	0	0
Noakhali (Maijdee Court)	85.1	+0.3	96	IV, V	70.4	—1.2	46	I	122.09	+7.09	7.10	VIII	115	+3.4	(*)		1	0	17	0	1
Comilla	87.2	+0.8	98	IV, V	69.6	+0.8	45	I	85.88	—8.45	4.23	VII	104	+3.5	4.3	+1.4	17	0	27	0	0
Brahmanbaria	86.4	—1.1	98	IV	70.1	+2.4	47	I	87.64	+9.29	12.17	VIII	97	+0.7	2.9		27	0	11	0	0
Srimanga	86.6	—1.0	97	III, V	65.2	—0.2	39	I	103.62	+5.25	6.11	IX	123	+2.0	1.1	—1.3	84	1	2	0	0
Mymensingh	85.9	+0.6	98	III, IV, V	69.1	+0.2	46	I	102.55	+11.07	7.56	VIII	87	—16.5	1.8	+0.3	38	0	2	0	0
Narayanganj	87.3	+0.8	98	III, V	71.1	+0.6	48	I	‡						2.7	0.0	2	0	8	0	3
Dacca (Tejgaon)	86.6	...	98	V	69.0	...	44	I	68.52	...	4.52	VI	98	...	4.4	...	73	0	13	0	0
EAST PAKISTAN (DELTAIC)																					
Faridpur	85.3	—0.4	100	III	69.2	+0.2	45	I	63.51	—7.52	2.49	IX	97	+4.4	4.3	+0.5	37	0	3	0	0
Barisal	87.3	+1.2	100	IV	71.3	+0.8	50	I	74.14	—7.07	4.16	X	95	—6.9	(†)		21	0	4	4	0
Khulna	88.4	+1.2	100	IV, V	‡				61.81	—6.04	3.32	VII	93	—0.9	2.9	+0.1	14	0	4	0	0
Satkhira	88.6	—0.1	106	V	69.6	—0.2	42	II	51.47	—13.04	4.27	X	83	—3.1	1.5	—0.4	0	0	0	0	0
Jessore	88.5	+0.9	106	III	68.6	+0.7	43	I	44.93	—20.00	3.27	VII	79	—8.3	(†)		4	0	5	0	0
EAST PAKISTAN (NORTH)																					
Pabna	90.3	+1.7	104	III, V	67.6	0.0	45	I													
Sirajganj	‡	...	103	III, V	69.5		48	I, XII	64.18	—0.18	4.10	V	81	—2.6	(†)	...	46	3	7	0	4
Rajshahi	...	...	...	...	...	...	...		47.83	—8.47	3.25	VIII	63	—11.9							
Bogra	87.3	+0.8	105	III, IV, V	69.0	+0.8	45	I	79.76	+10.61	5.60	IX	89	+4.5	2.5	+0.9	69	0	0	0	0
Dinajpur	87.9	+1.8	105	IV	67.3	+0.1	39	I	72.69	+0.43	5.36	VIII	72	—7.1	2.3	+0.3	34	0	4	0	0
Rangpur	...	...	...	...	...	...	...	...	95.85	+11.96	7.15	VII	92	+9.6	...	...	...	1	4	0	0
KASHMIR																					
Srinagar(†)																					
Gulmarg(†)																					
Gurez(†)																					
Sonemarg(†)																					
Drass(†)																					
Kargil(†)																					
Leh(†)																					
Skardu(†)																					
Misgar									4.33		1.13	III	11		2.3		0	1	1	0	0
Gilgit(†)																					
Jammu(†)																					

† Data not available

‡ Data incomplete hence no annua

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER FOR THE YEAR 1955

Sub-Division and Station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Month.	Mean.	Departure from normal.	Lowest.	Month.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Month.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
NORTH PUNJAB																					
Lahore (Jail Road)	87.7	—1.5	114	VI	63.1	+2.1	33	I	22.62	+3.41	4.56	IX	31	+3.4	2.2	+0.7	46	0	1	1	8
Lahore (Cantt.)	86.8		113	VI	63.2		33	I	23.09		2.05	IX	31		3.4		46	0	0	0	10
Lahore (Walton)	87.2		114	VI	62.2		31	I	18.80		1.41	IX	29		(†)		33	0	0	0	6
Sialkot	(†)		115	VI	(†)				50.79	+18.96	4.20	VIII	57	+16.0	(†)		46	0	0	0	3
Jhelum	87.5		114	VI	60.9		29	I	30.11		4.50	VIII	42		2.1		56	0	1	2	18
Chaklala	83.6	...	112	VI	56.6	...	25	I	29.70	...	3.40	IX	48		4.7	...	76	0	1	0	20
Rawalpindi	86.0	+2.0	113	VI	56.5	—1.4	26	I	26.75	—9.62	3.30	IX	29	—20.5	1.4	—0.3	26	0	0	3	1
Murree	62.5	—1.5	86	VI	47.8	+1.2	25	I, XII	74.33	+14.97	6.59	VII	87	+7.6	5.4	+1.2	79	8	8	0	0
Campbellpur(†)																					
Khushab	89.3	—0.2	116	VI	62.5	—1.0	32	I	14.89	—0.29	3.87	VIII	24	+0.4	3.5	—0.1	13	0	2	0	5
Sargodha(†)																					
Lyallpur	88.2	—0.5	112	VI	63.0	+0.5	33	I	13.29	+1.23	2.99	VIII	20	—1.0	2.1	+0.2	33	1	10	1	10
SOUTH PUNJAB																					
Leiah(†)																					
Montgomery	89.3	—1.2	114	VI	64.1	—0.1	38	I, XII	12.07	+2.03	2.00	VIII	15	—2.6	1.6	—1.5	26	0	1	0	12
Multan (Surface)	90.8	+0.7	117	VI	‡		37	I	13.68	† 6.63	3.50	IX	17	+4.5	2.5	+1.0	0	0	1	0	23
Khanpur (P.B.O.)	91.9		114	VI	63.2	...	35	I, II	12.41	...	2.52	VIII	16	...	‡	...	21	0	3	52	7
Khanpur (Surface)	94.0	—0.4	116	VI	65.4	+1.6	38	II	†	...	...	...	...	...	3.9	—0.7	10	1	2	7	6
Bahawalpur	92.2	+0.4	114	VI	‡	...	37	XII	†	...	...	...	...	...	0.8	—1.9	12	0	1	0	7
Fort Abbas	93.1		117	VI			31	I	6.60	...	1.05	VI	14	...	5.1	...	5	0	0	15	51
N.W.F.P. (UPPER)																					
Drosh	77.1	+4.9	113	VII	53.0	† 1.0	23	I	18.81	+0.77	1.38	VII	48	+6.1	3.7	+0.8	42	0	0	0	1
Chakdara	81.9		110	VII	‡	...	...	...	22.19	...	2.32	V	44	...	3.2	...	42	5	1	0	4
Peshawar	85.2	+0.2	114	VII	61.0	+0.5	32	I	7.30	—6.26	1.50	VIII	15	—11.3	3.2	+1.6	84	3	0	2	22
Risalpur	87.5		118	VI, VII	58.5	...	26	I	15.44	...	3.43	VIII	20	...	2.7	...	61	1	0	0	17
Haripur (Hazara)(‡)																					
Kakul	73.9		101	VI	55.1	...	31	I	51.98	...	54.5	VIII	72	...	‡	...	48	0	0	1	4
Cherat	73.8	+1.5	104	VII	56.7	0.0	29	I	28.83	+0.29	3.57	V	5.1	+ 9.6	‡	...	42	5	13	0	2
Landikotal	76.8		108	VII	54.3	...	22	I	11.46	...	3.25	VIII	18	...	2.5	..	4	0	0	9	2
N.W.F.P. (LOWER)																					
Kohat	86.5		114	VII	64.2	...	34	I	26.00	...	3.67	VIII	35	...	4.6	...	75	3	0	0	1
Parachinar	71.6	+1.3	97	VII	48.6	+0.7	20	I	37.84	+8.59	4.20	VIII	70	+5.7	2.9	+0.8	53	3	0	0	0
Miranshah	80.5	+0.7	107	VI, VII	58.6	+0.3	29	I	13.82	+0.98	2.78	VIII	27	—1.7	3.6	—0.7	3	0	0	0	0
Bannu	86.3	—1.1	113	VI, VII	62.7	+0.9	35	I	10.50	—0.61	1.21	VIII	25	+2.4	2.6	...	8	1	1	0	4
Wana (†)																					
D. I. Khan (†)																					

(‡) Data incomplete, hence no annual. (†) Data not available.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER FOR THE YEAR 1955

Sub-division and station	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (inches)						Wind Velocity (knots)		Weather Number of Days				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Month	Mean.	Departure from normal.	Lowest.	Month.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Month.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
BALUCHISTAN (NORTH)																					
Fort Sandeman	79.7	0.0	107	VII	53.9	+0.2	25	I	15.07	+4.24	1.61	V	37	+12.6	3.2	+1.1	39	1	1	0	7
Hindubagh	75.8		104	VII	‡	...	16	I	10.16	...	1.05	VIII	33	...	5.7	...	10	0	0	0	5
Loralai	76.4		98	VI	50.0	...	24	I	14.59	+5.84	1.60	VIII	29	+10.0	3.3	...	22	1	0	0	0
Sibi	94.5	+0.6	121	VI	67.4	+0.3	39	I	5.02	+0.41	0.75	VIII	11	+1.1	‡	...	0	0	0	3	3
Harnai									6.16	—7.35	0.70	VIII	15	—9.4			0	0	0	0	0
Quetta (Samungli)...	75.9		104	VII	42.4	...	19	II, XI	5.02	...	0.79	XII	19	...	5.3	...	30	4	2	1	3
Quetta	74.8		102	VII	45.0	...	20	I	6.24	...	1.00	VIII	23	...	4.3	+2.2	12	4	1	2	2
Chaman	80.4	+2.2	110	VII	55.8	+0.9	31	I	10.07	+2.42	1.10	XII	22	+2.3	5.5	+1.1	0	0	0	0	5
Kalat	72.0	—0.2	98	VII	41.3	—1.4	16	XII	6.25	—0.73	2.10	I	15	—3.6	5.2	—1.1	0	0	0	0	0
Nushki (*)																					
Dalbandin	87.8	+0.5	115	VII	54.3	—0.3	26	I	2.74	—0.89	0.76	XII	7	—2.3	‡	...	9	0	1	21	12
Nokkundi	90.6	+0.9	118	VII, VIII	62.5	+0.4	32	I, XII	1.33	—0.62	0.46	XII	6	+1.5	6.3	—1.1	1	0	0	0	0
BALUCHISTAN (SOUTH)																					
Panjgur	84.5	—1.2	106	VII	54.1	—3.3	28	I	2.43	—2.38	1.02	I	5	—5.5	3.0	—1.3	0	0	0	0	7
Turbat	97.1		118	VI, VII	68.3	...	45	I, XII	9.34	...	1.85	V	14	...	‡	...	8	0	0	0	1
Jiwani	85.5		109	VI	69.5	...	48	I	10.74	...	2.82	I	12	...	‡	...	7	0	2	0	3
Pasni	88.2	+1.8	113	V	67.5	+0.4	50	XII	3.44	—2.72	0.72	I	9	+0.9	8.6	+3.0	3	0	0	0	0
Ormara	86.4	+1.2	111	V	70.6	+0.1	53	I, II, XII	4.58	—1.43	1.50	XII	10	+0.4	7.7	+0.4	0	0	17	10	20
Lasbela	97.3	+2.8	118	V	•	...	...	...	5.89	—2.50	1.25	VIII	10	—4.4	3.1	+0.8	2	0	0	0	0
SIND (LOWER)																					
Karachi (Manora)...	‡	...	103	V	‡	...	54	I	†	...	...	...	...	...	‡	...	0	0	0	17	0
Karachi (Airport)	89.7	...	114	V	68.1	...	45	XII	6.12	...	3.45	IX	9	...	6.5	...	9	0	2	2	1
Badin	94.7	+2.7	118	V	67.2	—0.5	40	XII	17.92	+8.83	4.01	IX	15	+4.6	4.8	...	2	0	0	2	0
Nagarparker	...	...	...	...	...	...	...	...	†	...	...	...	0	...	‡	...	0	0	0	1	0
Umerkot	94.5	...	116	V	66.1	...	38	XII	8.60	...	2.06	IX	14	...	5.1	...	0	0	2	16	12
Chhor	93.7	...	113	V	63.2	...	32	XII	10.48	...	2.34	IX	13	...	4.9	...	15	1	3	4	3
Hyderabad	94.2	+0.8	115	V	68.7	+0.4	4.5	I, XII	7.61	+0.52	1.38	VIII	14	+4.9	5.9	0.0	4	1	0	0	3
SIND (UPPER)																					
Padidan	94.1	...	117	VI	63.9	...	36	I, II	10.10	...	2.83	VIII	11	...	4.7	...	15	0	0	0	0
Nawabshah	94.3	...	119	VII	64.8	...	...	...	15.94	...	4.61	VIII	8	...	4.6	...	14	0	1	0	0
Sukkur	93.5	+0.3	114	VI	67.3	+0.1	41	II	5.79	+2.09	2.01	VIII	10	+3.8	‡	...	7	0	0	10	4
Jacobabad	94.0	—0.5	119	VI	68.3	+1.4	41	I	3.03	—0.57	0.65	III	7	—0.3	5.3	+1.2	16	2	0	2	8
Reti ‡																					
JUNAGARH																					
Veranal (†)																					
AFGHANISTAN																					
Jalalabad (†)																					
Kabul	70.7	†3.0	100	VIII	43.2	+1.8	13	I	10.73	—1.73	1.07	V	27	+0.7	3.4	+1.2	32	2	0	0	1
Kandhar (†)																					
ARABIA																					
Muscat	85.5	—1.6	107	VII	‡	...	...	...	7.40	+3.63	1.65	III	14	+6.3	3.6	+0.4	3	0	0	0	0

(*) Data rejected. ‡ Data incomplete, hence no annual. (†) Data not available.

TABLE III-A—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER FOR EACH MONTH AND THE YEAR 1955

Station and Month	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (inches)						Wind Velocity (knots)		Weather Number of Days				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog. (Visibility Code Figure 93 or less)	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
COX'S BAZAR (P.B.O.)																					
January	80.3		84	4 days	57.4		53	7	0.00		0.00		0		6.0		0	0	0	0	0
February	84.4		90	23	59.1		53	9	0.00		0.00		0		6.0		0	0	0	0	0
March	86.1		93	12	67.1		62	1, 7	3.50		1.82	30	4		7.7		4	0	6	0	0
April	88.7		96	20	73.5		63	18	1.38		0.68	12	3		7.0		2	0	4	0	0
May	89.8		95	5	76.9		68	1,2	14.21		4.65	22	6		7.7		2	0	0	0	0
June	87.5		91	1, 2, 3	77.0		72	10	24.09		4.44	30	18		9.0		4	0	0	0	0
July	84.5		87	4 days	75.7		63	16	40.10		5.27	6	26		9.3		1	0	0	0	0
August	86.3		89	26, 27	76.4		74	7,8	14.10		1.76	19	18		5.7		1	0	0	0	0
September	87.0		93	24	76.1		73	2	14.43		5.47	1	16		5.9		14	0	0	0	0
October	88.6		93	9, 15	75.9		71	31	13.55		8.44	25	8		5.1		9	0	0	0	0
November	84.2		91	6	70.6		64	18, 28	5.56		1.24	7	8		4.2		0	0	2	0	0
December	79.7		87	1	58.8		53	26, 29	0.00		0.00	...	0		3.3		0	0	0	0	0
Year	85.6		96	IV	70.4		53	I, II, XII	130.92		8.44	X	109		6.4		37	0	12	0	0
CHITTAGONG (P.B.O.) (PATENGA)																					
January	78.2		82	19, 20	56.2		51	2, 3, 5	0.00		0.00	...	0				0	0	0	0	0
February	83.3		89	23, 26	57.9		52	9	0.00		0.00	...	0				0	0	0	0	0
March	87.0		92	12	67.4		61	6, 7	10.48		6.01	29	4				4	0	1	0	0
April	88.7		95	20	73.4		66	12	1.42		1.06	4	2				5	0	2	0	0
May	90.0		94	17	77.3		67	1, 2	13.82		5.91	21	6				1	0	0	0	0
June	88.9		92	29	77.6		73	19	18.72		9.08	10	10				3	0	0	0	0
July	85.1		89	30	75.9		74	5	50.25		16.42	15	27				0	0	0	0	0
August	86.7		91	26, 27	76.3		73	22	12.48		2.17	6	17				6	0	0	0	0
September	87.7		92	30	75.9		71	22	8.99		3.01	22	13				16	0	0	0	0
October	88.2		92	4 days	75.0		70	31	20.61		15.33	25	7				9	0	2	0	0
November	84.7		89	5, 6, 7	69.4		65	8 days	8.91		3.03	7	5				2	0	3	0	0
December	78.7		86	1	58.2		52	26	0.00		0.00	...	0				1	0	0	0	0
Year	85.6		95	IV	70.0		51	I	145.68		16.42	VII	91				47	0	8	0	0
BOGRA (P.B.O.)																					
January									0.33	—0.10	0.18	19	1	0			0	0	2	0	0
February									0.25	—0.54	0.24	5	1	—0.6			0	0	0	0	0
March									1.15	+0.01	0.57	28	3	+1.0			5	0	4	0	0
April									1.95	—0.29	0.78	11	4	+0.5			7	0	1	0	1
May									9.45	+1.05	3.98	21	6	—3.6			10	0	0	0	0
June									7.91	—5.13	1.51	19	17	+2.5			13	0	0	0	0
July									19.76	+6.83	2.35	11	20	+3.2			11	0	0	0	0
August									22.46	+9.46	3.20	7	22	+5.6			13	0	0	0	0
September									13.02	+1.73	5.18	19	11	—1.6			13	0	0	0	0
October									5.66	+0.53	1.78	24	10	+4.5			7	0	0	0	0
November									1.79	+1.02	1.22	8	2	+1.2			0	0	1	0	0
December									0.00	—0.09	0.00	...	0	—0.2			0	0	0	0	0
Year									83.73	+14.58	5.18	IX	97	+12.5			79	0	8	0	1

TABLE III-A—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER FOR EACH MONTH AND THE YEAR 1955

Station and Month	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (Inches)						Wind Velocity (Knots)		Weather Number of Days				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Visibility Code Figure 93 or less: Hail	Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	32
FORT SANDEMAN (P.B.O)																					
January	53.9		61	18, 19,20	31.3		25	13	1.10		0.31	24	4		2.5		0	0	0	0	0
February	64.3		73	17, 27	37.8		29	11	0.31		0.21	28	1		3.4		2	0	0	0	0
March	72.3		83	29	49.6		40	3	3.30		0.93	1	6		4.7		3	0	0	0	3
April	79.8		89	30	52.5		40	7	0.16		0.12	26	1		4.1		2	1	0	0	1
May	83.8		95	31	59.7		51	9,10,11	3.25		1.60	7	6		4.1		6	0	0	0	0
June	97.4		103	27	71.4		63	29	0.21		0.14	28	1		4.2		2	0	0	1	0
July	99.2		106	25	74.3		66	11	1.07		0.58	11	2		3.9		8	0	0	0	0
August	93.3		102	7	72.7		67	10	3.68		1.35	31	8		3.1		13	2	0	0	1
September	91.5		95	5 days	67.0		57	26	0.66		0.41	8	2		2.6		6	0	0	0	0
October	80.9		89	5	50.6		43	25	0.00		0.00		0		2.3		1	0	0	0	1
November	74.6		78	5 days	40.5		35	30	0.00		0.00		0		1.9		0	0	0	0	0
December	60.0		76	3	36.2		30	28	1.36		0.43	14	5		1.9		0	0	2	0	0
Year	79.3		106	VII	53.6		25	I	15.10		1.60	V			3.2		43	3	2	1	6
KARACHI (MAURIPUR)																					
January(†)																					
February(†)																					
March(†)																					
April	92.4		104	22	69.6		61	16	0.00		0.00		0		...		0	0	0	0	0
May	96.5		113	19	77.6		71	13	0.00		0.00		0		...		0	0	0	0	1
June	93.2		96	2	81.6		78	2	0.05		0.05	12	0		...		0	0	0	0	0
July	90.4		93	1	80.4		78	31	Tr.		0.00		0		...		0	0	0	0	0
August	87.1		91	4, 5, 8	77.8		75	15	2.29		0.93	15	3		...		0	0	0	0	0
September	90.8		104	23	78.4		75	29	3.49		2.59	7	2		...		2	0	0	0	0
October	96.0		104	1	70.0		61	28	Tr.		0.00		0		...		1	0	0	0	0
November	87.0		95	4	62.2		57	27	0.00		0.00		0		...		0	0	0	0	0
December	79.9		88	8	57.5		48	24	0.34		0.34	14	1		...		0	0	0	0	0
Year																					
KARACHI (DRIGH ROAD)																					
January	75.9		82	9, 20	54.4		49	24	0.32		0.24	30	1		7.0		0	0	0	0	0
February	83.7		94	22	55.9		51	13	0·73		0.60	28	2		5.6		2	0	0	0	0
March	91.4		103	24	68.9		58	1	0.02		0.02	1	0		8.6		1	0	1	0	1
April	94.0		104	24	68.2		62	15	0.00		0.00		0		9.9		0	0	2	0	0
May	97.2		113	19	77.9		70	13	0.00		0.00		0		11.5		0	0	2	1	1
June	92.5		97	2	82.3		79	4	0.00		0.00		0		16.3		0	0	0	0	0
July	91.0		93	1, 7	81.4		78	31	0.06		0.05	6	0		18.6		0	0	0	0	0
August	88.5		93	4,5	79.0		76	15, 17	0.89		0.44	15	2		(a)11.8		0	0	0	0	0
September	92.0		104	24	78.7		74	8	3.57		3.38	8	2		11.0		3	0	0	0	0
October	96.0		105	1, 2	70.2		63	24, 26	0.11		0.11	12	1		6.0		1	0	0	0	0
November	87.5		95	4, 5	62.4		57	26, 30	0.00		0.00		0		5.1		0	0	1	0	0
December	81.0		88	7	57.9		49	22	0.17		0.17	14	1		5.7		0	0	0	0	0
Year	89.2		113	V	69.8		49	I, XII	5.87		3.38	IX			9.8		7	0	6	1	2

† Data not available.

TABLE III-A—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER FOR EACH MONTH AND THE YEAR 1955

STATION AND MONTH	Maximum Temperature of the Air °F				Minimum Temperature of the Air °F				Precipitation (inches)						Wind Velocity (knots)		Weather Number of Days				
																			Visibility Code Figure 93 or less		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days with 0.10 inch or more.	Departure from normal.	Mean.	Departure from normal.	Thunder heard.	Hail.	Fog.	Haze (dust).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
MULTAN (P.B.O.)																					
January	67.9		74	29	38.8		33	4	0.09		0.06	2	0		1.1		0	0	1	0	0
February	78.3		86	22, 27	45.1		34	11	0.58		0.47	28	2		2.5		2	0	0	0	0
March	86.7		95	24, 30	60.2		52	17	0.41		0.41	1	1		2.4		0	0	0	0	0
April	96.0		106	26	64.0		54	18	0.57		0.57	12	1		3.4		0	0	0	0	0
May	98.4		112	31	71.7		62	11	2.04		1.19	7	3		3.0		5	0	0	2	4
June	110.5		115	6, 7, 26	84.2		75	2	0.00		0.00	...	0		5.8		0	0	0	3	2
July	104.4		112	14	83.8		78	9	0.00		0.00	...	0		6.0		3	0	0	0	3
August	98.8		107	4	82.2		76	22	4.19		1.62	22	5		4.3		11	0	0	0	0
September	97.9		102	7	79.1		74	30	2.25		2.25	9	1		2.0		1	0	0	0	0
October	92.2		97	1	62.5		51	26	0.01		0.01	11	0		1.4		1	0	0	0	1
November	83.8		89	5 days	49.6		43	30	0.00		0.00	...	0		0.5		0	0	0	0	0
December	71.2		79	2, 12 13	45.0		36	26, 27	0.48		0.37	21	1		1.1		0	0	5	0	0
Year	90.5		115	VI	63.9		33	I	10.62		2.25	IX	14		2.8		23	0	6	5	10

TABLE IV—MEAN DURATION OF BRIGHT SUNSHINE AT 9 STATIONS FOR THE YEAR 1955

Month/Hour	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	Average total per day	Greatest number of hours per day
COX'S BAZAR																
January	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	10.3	10.8
February... ...	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.7	11.2
March	0.0	0.0	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.0	0.0	8.3	10.5
April	0.0	0.3	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.4	0.0	9.4	11.7
May	0.0	0.4	0.6	0.6	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.7	0.5	0.0	8.6	12.3
June	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.1	0.0	3.7	9.4
July	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.0	2.2	7.7
August	0.0	0.2	0.3	0.3	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.2	0.0	5.3	11.8
September ...	0.0	0.1	0.5	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.1	0.0	6.2	11.0
October	0.0	0.3	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.7	0.6	0.2	0.0	7.8	11.1
November ...	0.0	0.2	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.2	0.0	7.9	11.1
December ...	0.0	0.2	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.1	0.0	9.1	10.6
Year	0.0	0.2	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.6	0.2	0.0	7.5	12.3
LAHORE (Jail Road)																
January	0.0	0.0	0.2	0.6	0.7	0.7	0.8	0.7	0.7	0.7	0.6	0.5	0.0	3.0	6.2	9.8
February... ...	0.0	0.0	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.1	0.0	8.9	10.2
March	0.0	0.0	0.5	0.7	0.8	0.8	0.9	0.8	0.8	0.8	0.7	0.6	0.1	0.0	7.5	10.6
April	0.0	0.4	0.8	0.9	0.9	0.9	1.0	1.0	0.9	1.0	0.9	0.8	0.4	0.0	9.9	11.7
May	0.1	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.1	9.5	12.6
June	0.0	0.4	0.7	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.6	0.0	9.2	12.1
July	0.0	0.2	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.4	0.0	8.8	12.2
Mugust	0.0	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.5	0.3	0.0	6.2	10.8
September ...	0.0	0.1	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.4	0.0	9.2	11.2
October	0.0	0.0	0.6	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.2	0.0	8.6	10.5
November ...	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4	9.9
December ...	0.0	0.0	0.2	0.7	0.8	0.8	0.8	0.7	0.8	0.7	0.6	0.4	0.0	0.0	6.5	9.3
Year	0.0	0.2	0.6	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.7	0.3	0.0	8.3	12.6
PESHAWAR																
January	0.0	0.0	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.3	0.0	0.0	5.9	9.7
February... ...	0.0	0.0	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.0	0.0	8.3	10.3
March	0.0	0.0	0.4	0.6	0.7	0.8	0.8	0.7	0.7	0.7	0.6	0.4	0.0	0.0	6.4	10.0
April	0.0	0.4	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.4	0.0	9.2	12.3
May	0.2	0.7	0.8	0.8	0.8	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.2	8.8	13.1
June	0.2	0.7	0.9	0.9	0.9	0.9	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.2	10.2	13.1
July	0.1	0.5	0.8	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.1	10.3	12.9
August	0.0	0.3	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.4	0.0	7.5	12.2
September ...	0.0	0.0	0.6	0.9	0.9	1.0	1.0	0.9	0.8	0.7	0.6	0.4	0.0	0.0	7.8	10.2
October	0.0	0.0	0.7	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.7	0.1	0.0	8.9	10.8
November ...	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.0	0.0	9.0	9.7
December ...	0.0	0.0	0.2	0.5	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.3	0.0	0.0	5.5	9.2
Year	0.0	0.2	0.6	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.2	0.0	8.1	13.1

TABLE IV—MEAN DURATION OF BRIGHT SUNSHINE AT 9 STATIONS FOR THE YEAR 1955

Month/Hour	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	Average total per day	Greatest numbers of hours per day
KAKUL																
January	0.0	0.0	0.3	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	4.1	9.5
February... ...	0·0	0.0	0.6	0.8	0.9	0.9	0.9	0.8	0.9	0.9	0.8	0.7	0.1	0.0	8.3	10.3
March	0.0	0.1	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.1	0.0	5.2	10.6
April	0.0	0.1	0.6	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.3	0.0	8.3	11.0
May	0.0	0.2	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.3	0.0	7.7	11.4
June	0.0	0.3	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.0	9.8	11.4
July	0.0	0.2	0.6	0.7	0.8	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.5	0.0	8.7	11.2
August	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.4	0.0	4.7	11.0
September ...	0.0	0.2	0.6	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.3	0.0	8.5	11.1
October	0.0	0.2	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.2	0.0	9.2	10.7
November ...	0.0	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.0	0.0	8.9	10.2
December ...	0.0	0.0	0.3	0.5	0.6	0.6	0.6	0.4	0.2	0.1	0.0	0.0	0·0	0.0	3.3	7.3
Year	0.0	0.1	0.5	0.7	0.8	0.7	0.8	0.7	0.7	0.7	0.7	0.6	0.2	0.0	7.2	11.4
PARACHINAR																
January	0.0	0.0	0.0	0.5	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.3	0.0	0.0	5.5	8.5
February... ...	0.0	0.0	0.5	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.7	0.3	0.0	0.0	7.4	9.7
March	0.0	0.1	0.4	0.6	0.6	0.7	0.7	0.5	0 4	0.3	0.2	0.1	0.0	0.0	4.6	9.5
April	0.0	0.5	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.5	0.2	0.0	8.5	11.4
May	0.0	0.7	0.8	0.8	0.8	0.8	0.8	0.6	0.6	0.5	0.5	0.4	0.3	0.0	7.8	12.5
June	0.2	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.1	9.8	13.0
July	0.3	0.8	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.6	0.0	10.6	12.6
August (*b*) ...	0.3	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.6	0.4	0.3	0.0	8.1	11.4
September ...	0.0	0.1	0.4	0.9	0.9	1.0	0.9	0.8	0.8	0.8	0.8	0.6	0.1	0.0	8.1	10.0
October	0.0	0.0	0.6	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.5	0.0	0.0	8.5	9.8
November (*l*) ...	0.0	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.2	0.0	8.6	10.4
December (*a*) ...	0.0	0.0	0.0	0.5	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.1	0.0	0.0	5.2	8.2
Year	0.1	0.3	0.5	0.8	0.8	0.9	0.9	0.8	0.7	0.7	0.6	0.4	0.2	0.0	7.7	13.0
QUETTA (Samungli)																
January	0.0	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.1	0.0	5·5	10.3
February... ...	0.0	0.2	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.2	0.0	9.2	10.8
March	0.0	0.1	0.7	0.8	0.8	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.1	0.0	7.1	10.9
April	0.1	0.6	0.9	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.5	0 0	10.1	12.4
May	0.3	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.8	0.7	0.2	10.8	13.2
June	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0 9	0.4	12.5	13.1
July	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.8	0.2	11.9	12.9
August	0.0	0.4	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.6	0.0	9.7	12.2
September ...	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.2	0.0	10.0	11.5
October	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6	11.1
November ...	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2	10 7
December ...	0.0	0.0	0.2	0.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.0	0.0	6.1	10.1
Year ..	0.1	0.4	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.4	0.1	9.5	13.2

(*a*) Mean for 30 days. (*b*) Mean for 29 days. (*l*) Mean for 19 days.

TABLE IV—MEAN DURATION OF BRIGHT SUNSHINE AT 9 STATIONS FOR THE YEAR 1955

Month Hour	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	Average total per day	Greatest number of hours per day
QUETTA																
January	0.0	0.0	0.2	0.5	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.4	0.0	0.0	5.6	9.8
February... ...	0.0	0.0	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.2	0.0	8.8	10.1
March (*)																
April (*)																
May(*)																
June(*)																
July(*)																
August(*)																
September(*)																
October(*)																
November(*)																
December(*)																
Year(*)																
KARACHI (Air Port)																
January	0.0	0.0	0.6	0.8	0.8	0.9	0.9	0.9	0.8	0.9	0.9	0.7	0.0	0.0	8.2	10.1
February... ...	0.0	0.1	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.1	0.0	9.8	10.4
March	0.0	0.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.1	0.0	9.4	10.5
April	0.0	0.4	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.4	0.0	10.2	11.5
May	0.0	0.3	0.7	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	10.1	11.7
June	0.0	0.0	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.2	0.0	7.4	11.4
July	0.0	0.0	0.4	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.6	0.0	0.0	7.0	10.4
August	0.0	0.1	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.1	0.0	4.6	11.0
September ...	0.0	0.0	0.5	0.5	0.6	0.7	0.7	0.7	0.8	0.7	0.7	0.6	0.1	0.0	6.6	10.4
October	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	10.1	10.9
November ...	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7	10.1
December ...	0.0	0.0	0.6	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.6	0.0	0.0	8.5	9.8
Year	0.0	0.1	0.6	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.1	0.0	8.5	11.7
JACOBABAD																
January	0.0	0.1	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.1	0.0	7.5	10.7
February... ...	0.0	0.1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.1	0.0	9.0	10.7
March	0.0	0.1	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.1	0.0	8.6	11.0
April	0.0	0.3	0.7	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.4	0.0	9.7	11.8
May	0.0	0.3	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.5	0.0	8.2	12.5
June	0.0	0.3	0.7	0.9	0.9	1.0	1.0	0.9	1.0	1.0	0.9	0.9	0.5	0.0	10.0	11.7
July	0.0	0.2	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.0	10.2	11.5
August	0.0	0.2	0.5	0.6	0.6	0.7	0.7	0.9	0.9	0.7	0.6	0.6	0.2	0.0	7.2	11.0
September ...	0.0	0.0	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.0	0.0	8.5	10.4
October	0.0	0.1	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.0	9.5	10.8
November ...	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	9.9	10.5
December ...	0.0	0.0	0.4	0.7	0.8	0.8	0.9	0.8	0.8	0.8	0.7	0.5	0.0	0.0	7.2	9.8
Year	0.0	0.1	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.2	0.0	8.8	12.5

(*) Data not available.

TABLE V—ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT 9 STATIONS DURING EACH MONTH AND THE YEAR 1955.

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.	Noctural Radiation temperature (1½ inches 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
COX'S BAZAR ... Lat. 21°-26'N Long. 91°-58'E	January	0	0	0	0	31	320.0	94	10.8	28, 29	9.1	13						
	February... ...	0	0	0	0	28	297.7	93	11.2	24	9.7	28						
	March	0	2	4	5	20	257.0	69	10.5	14	0.2	28						
	April	0	1	3	3	23	282.2	74	11.7	29	1.8	24						
	May	2	1	3	6	19	269.3	66	12.3	5	0.0	2, 22						
	June	5	7	11	6	1	114.2	28	9.4	1	0.0	5 days						
	July	7	16	5	3	0	65.1	16	7.7	18	0.0	7 days						
	August	3	5	11	7	5	165.6	42	11.8	29	0.0	3 days						
	September ...	0	5	10	7	8	191.9	52	11.0	23	0.1	2						
	October	3	2	3	5	18	241.1	67	11.1	5 14	0.0	3 days						
	November ...	1	4	4	2	19	237.4	71	11.1	1	0.0	7						
	December ...	0	3	0	4	24	285.2	85	10.6	5 days	1.2	12						
	Year	21	46	54	48	196	2726.7	61	12.3	V	0.0	6 months						
LAHORE Lat. 31°-33'N Long. 74°-20'E	January	3	5	3	16	4	193.1	60	9.8	27	0.0	2, 6, 21						
	February... ...	1	0	2	3	22	249.0	80	10.2	25	0.0	28						
	March	0	4	4	14	9	231.7	62	10.6	27	1.1	15						
	April	0	0	1	4	25	296.6	76	11.7	19	3.4	11						
	May	0	2	3	5	21	296.0	69	12.6	21	0.1	25						
	June	0	3	2	4	21	276.4	65	12.1	2, 6	0.2	10						
	July	0	1	2	12	16	273.5	63	12.2	22	0.1	19						
	August	1	8	5	9	8	193.1	47	10.8	23	0.0	30						
	September ...	0	1	2	3	24	276.6	75	11.2	2	0.1	8						
	October	2	0	3	1	25	266.7	75	10.5	2	0.0	4 5						
	November ...	0	0	0	4	26	283.0	89	9.9	8 9	8.1	23						
	December ...	1	3	8	15	4	200.5	64	9.3	8	0.0	14						
	Year	8	27	35	90	205	3036.2	69	12.5	V	0.0	4 months						
PESHAWAR Lat. 34°-01'N Long. 71°-35'E	January	4	5	3	12	7	182.3	58	9.7	24	0.0	4 days						
	February... ...	1	1	1	8	17	231.0	75	10.3	14	0.0	28						
	March	0	5	5	16	5	198.1	53	10.0	26	0.8	1						
	April	0	2	2	6	20	275.3	70	12.3	19 21	2.8	11						
	May	1	2	2	12	14	273.9	63	13.1	17, 28	0.0	25						
	June	0	1	4	2	23	306.8	71	13.1	7	2.7	26						
	July	0	1	3	2	25	318.7	73	12.9	14	2.6	19						
	August	2	3	5	7	14	233.8	56	12.2	15	0.0	17, 18						
	September ...	0	2	5	12	11	234.9	63	10.2	6	2.3	1						
	October	0	2	0	6	23	276.6	79	10.8	17	0.2	13						
	November ...	0	1	0	8	21	268.6	86	9 7	8 9	2.5	6						
	December ...	2	8	5	11	5	169.5	55	9.2	11	0.0	13, 14						
	Year	10	33	35	102	185	2969.5	67	13.1	V, VI	0.0	5 months						

TABLE V—ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT 9 STATIONS DURING EACH MONTH AND THE YEAR 1955.

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 inches 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
KABUL Lat. 34°-11′N Long. 73°-15′E	January (b) ...	4	6	10	8	1	119.5	38	9.5	24	0.0	4 days						
	February... ...	1	2	2	5	18	231.0	75	10.3	19	0.0	28						
	March	1	7	9	10	4	161.4	43	10.6	20	0.0	1						
	April (b)	1	1	3	9	15	240.5	61	11.0	26	0.0	12						
	May	1	4	5	7	14	237.4	55	11.4	30	0.0	25						
	June	0	2	1	2	25	293.2	68	11.4	9, 21	2.4	27						
	July	0	1	3	8	19	271.1	62	11.2	6 days	2.0	20						
	August	1	10	10	6	4	145.8	35	11.0	23	0.0	17						
	September ...	0	1	3	11	15	256.0	69	11.1	25	1.8	30						
	October	1	0	2	4	24	285.6	81	10.7	2, 3	0.0	10						
	November ...	0	0	1	9	20	266.1	85	10.2	13	3.8	6						
	December ...	5	8	15	3	0	102.3	33	7.3	1	0.0	5 days						
	Year	14	41	65	83	159	2609.9	59	11.4	V, VI	0.0	8 months						
PARACHINAR Lat. 33°-52′N Long. 70°-05′E	January	2	5	6	18	0	172.0	55	8.5	24, 25, 26	0.0	6, 29						
	February ...	0	4	0	15	9	206.3	68	9.7	15	0.1	28						
	March	2	9	7	10	3	142.9	39	9.5	2, 3	0.0	14, 21						
	April	1	1	4	6	18	254.6	65	11.4	14	0.0	11						
	May	1	2	6	8	13	243.2	56	12.5	20	0.0	25						
	June	0	0	4	8	18	294.3	68	13.0	9	3.6	27						
	July	0	0	0	5	26	327.3	75	12.6	14	6.7	5, 19, 27						
	August (b) ...	0	2	2	12	13	235.1	57	11.4	24	1.7	12						
	September ...	0	0	5	12	13	241.9	65	10.0	9	3.9	12						
	October	0	1	2	11	17	264.6	75	9.8	19	1.3	10						
	November (l) ...	0	0	0	13	6	163.2	83	10.4	15	6.8	19						
	December (a) ...	2	6	8	14	0	155.2	52	8.2	10	0.0	13, 21						
	Year	8	30	44	132	136	2700.6	63	13.0	V	0.0	5 months						
QUETTA (Samungli) Lat. 30°-15′N Long 66°-53′E.	January ...	3	7	3	12	6	172.1	53	10.3	26	0.0	10, 19, 20	23.2		10.0	4	5.2	
	February ...	0	1	2	5	20	259.0	83	10.8	16 23	0.7	3	23.3		9.5	11	6.0	
	March ...	1	3	7	8	12	220.0	59	10.9	1, 5	0.0	14	35.9		20.9	3	3.6	
	April ...	0	0	1	9	20	304.3	79	12.4	19, 29	5.1	11	34.0		20.0	16	6.6	
	May ...	0	0	2	5	24	338.3	80	13.2	22	4.5	9	44.1		35.0	16	4.4	
	June ...	0	0	0	0	30	373.5	89	13.1	5, 10, 16	11.0	13	46.6		37.4	28	5.6	
	July ...	0	0	0	0	31	367.1	85	12.9	2	9.4	20	58.6		40.0	4	5.2	
	August	0	1	0	9	21	308.9	75	12.2	24, 25	2.4	13	61.6		42.0	24	4.8	
	September	0	0	0	2	28	303.3	82	11.5	3	6.8	7	46.4		29.8	28	3.8	
	October	0	0	0	0	31	325.9	92	11.1	17 to 19	9.3	11	27.1		19.2	25	6.3	
	November	0	0	0	3	27	302.7	95	10.7	1, 2	6.6	25	20.6		13.0	30	5.6	
	December	3	4	3	18	3	193.6	61	10.1	1	0.0	9, 13, 19	26.6		11.9	4	3.9	
	Year	7	16	18	71	253	3468.7	78	13.2	V	0.0	I, III & XII	37.3		9.5	II	5.1	

(a) Observations fo 30 days. (b) Observations for 29 days. (l) Observations for 19 days.

TABLE V—ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT 9 STATIONS DURING EACH MONTH AND THE YEAR 1955.

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.	Noctural Radiation temperature (1½ inches 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
QUETTA Lat. 30°12′N. Long. 67°01′E.	January (d) ...	2	7	3	9	6	152.6	49	9.8	26	0.0	19, 20						
	February (m) ...	0	0	1	3	14	157.8	82	10.1	15, 16	1.0	3						
	March* ...																	
	April*																	
	May*																	
	June*																	
	July*																	
	August*																	
	September* ...																	
	October*																	
	November* ...																	
	December* ...																	
	Year																	
KARACHI (Air Port) Lat. 24°54′N. Long. 67°09′E.	January	2	1	1	10	17	251.1	75	10.1	24, 26	0.0	1, 21	47.5	...	40	28	3.9	...
	February	0	0	0	3	25	277.1	87	10.4	1	7.8	3	48.9	...	40	11	4.8	...
	March	0	0	1	8	22	292.7	78	10.5	17	5.7	11	62.1	...	49	7	4.9	...
	April	0	0	1	2	27	307.2	80	11.5	23	4.6	1	62.6	...	53	17	5.4	...
	May	0	1	0	3	27	310.7	75	11.7	15	0.5	9	74.0	...	62	13	3.5	...
	June	0	2	3	16	9	229.4	56	11.4	7	0.6	12	79.5	...	74	4	2.1	...
	July	0	5	5	11	10	216.3	51	10.4	24	0.4	8	78.1	...	75	16	1.7	...
	August (c) ...	1	11	7	4	5	127.6	35	11.0	2	0.0	30	76.7	...	74	9, 15	1.8	...
	September	0	6	8	3	13	202.1	55	10.4	21, 30	0.7	14	75.0	...	69	30	2.5	...
	October	0	0	0	1	30	311.6	87	10.9	14, 15	8.5	1	62.0	...	53	28	6.1	...
	November	0	0	0	1	29	292.4	89	10.1	4, 5	8.5	18	55.1	...	46	30	3.9	...
	December	0	1	2	12	16	260.3	79	9.8	23, 24	2.8	6	49.0	...	41	27	5.6	...
	Year	3	27	28	74	230	3078.5	69	11.7	V	0.0	I, VIII	64.2	...	40	I, II	3.9	...
JACOBABAD Lat. 28°18′N. Long. 68°28′E.	January	2	3	3	8	15	229.5	70	10.7	31	0.0	1, 22						
	February	0	2	2	2	22	253.2	80	10.7	1, 10	0.5	28						
	March	0	0	3	11	17	272.2	73	11.0	20, 25	4.5	10						
	April	0	1	0	8	21	290.9	80	11.8	21	0.7	26						
	May	3	2	4	4	18	257.0	61	12.5	22	0.0	2, 5, 7						
	June	1	0	0	4	25	296.1	71	11.7	1	0.0	28						
	July	0	0	0	3	28	313.1	73	11.5	14	6.2	28						
	August	0	4	8	5	14	230.2	57	11.0	24, 28	1.6	13						
	September	1	1	2	3	23	258.9	70	10.4	9	0.0	7						
	October	1	0	0	7	22	282.3	80	10.8	14, 20	0.0	23						
	November ...	1	0	0	0	29	291.5	90	10.5	1	0.0	21						
	December ...	0	3	5	11	12	229.0	71	9.8	1	1.1	29						
	Year	9	16	27	66	246	3203.9	73	12.5	V	0.0	6 months						

(d) Observations for 27 days. (m) Observations for 18 days. (*) Data not available. (c) Observations of bright sunshine for 28 days.

Table VI.—Mean hourly and extreme Pressure (in mbs.) at station level at 13 Stations for the year 1955.

Table VI.—Mean hourly and extreme Pressure (in mbs.)

Month/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
														COX'S BAZAR (Hb. 10 ft) 900 +	
January*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February	109.9	110.4	110.9	112.0	111.9	111.8	111.4	110.4	109.6	109.0	108.8	108.6	108.9	109.3	110.9
March	109.2	109.9	109.9	111.3	111.5	110.9	110.7	110.1	108.8	108.2	108.8	107.8	107.8	108.5	109.3
April	108.0	108.7	109.2	110.0	110.5	110.2	109.4	108.6	107.8	106.9	106.4	106.2	106.3	107.1	107.5
May	104.6	105.3	105.5	106.0	105.8	105.9	105.5	104.9	104.0	103.1	102.6	102.5	102.7	103.7	104.1
June	100.4	108.6	101.0	101.4	101.4	101.4	101.0	101.1	100.9	100.6	100.5	99.6	99.4	99.5	100.1
July	102.2	102.8	103.0	103.7	103.7	103.9	103.4	102.9	102.3	101.7	101.5	101.4	101.4	102.2	102.5
August	103.9	104.5	104.6	105.3	105.4	105.2	104.6	104.0	103.2	102.7	102.4	102.2	102.4	103.0	103.7
September	105.6	106.0	106.8	107.4	107.6	107.1	106.0	105.3	104.3	103.9	103.3	103.4	104.0	104.7	105.4
October	108.4	108.5	109.0	110.1	110.2	109.9	109.5	108.7	107.8	106.5	106.0	106.5	107.3	108.1	108.7
November	109.7	109.9	110.7	111.8	112.0	111.3	110.3	109.8	109.1	108.4	108.3	108.6	109.1	109.8	110.3
December	113.7	114.4	114.6	115.8	115.9	115.5	114.5	113.6	112.5	112.1	111.7	112.2	112.9	113.3	114.0
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
														CHITTAGONG (Patenga) (Hb. 87 ft).	
January	116.2	116.9	117.5	118.3	118.1	117.6	117.0	116.2	115.1	114.5	114.0	114.1	114.9	116.0	116.2
February	110.3	111.0	111.7	112.3	112.5	112.4	111.6	110.9	109.7	109.1	108.7	108.8	108.9	109.2	109.8
March	109.1	110.1	110.6	111.2	111.4	110.9	110.4	109.5	108.4	107.6	107.1	107.3	107.4	108.2	109.1
April	107.7	118.8	109.6	109.8	109.5	109.3	108.8	108.1	107.5	106.6	106.3	106.1	105.8	107.0	107.5
May	104.2	104.9	105.3	105.8	105.7	105.7	105.3	104.5	103.7	103.0	102.3	102.1	102.1	102.3	103.2
June	100.0	100.5	101.1	101.1	101.1	101.0	100.5	100.1	099.3	098.8	098.6	098.4	098.6	099.1	100.0
July	101.6	101.6	102.1	102.9	103.0	103.0	102.7	102.4	101.6	100.8	100.4	100.4	100.5	101.3	101.8
August	103.6	104.6	104.8	105.1	105.0	104.6	104.4	104.0	103.3	102.3	101.5	101.5	102.7	102.7	103.5
September	105.7	106.2	107.0	107.3	107.3	107.2	106.4	105.3	104.6	103.6	103.8	103.8	104.0	104.6	105.4
October	108.6	109.3	110.0	110.2	110.1	109.8	108.9	108.2	107.5	107.1	106.0	106.5	107.2	108.2	108.9
November	110.2	110.6	111.4	111.9	112.0	111.7	110.6	109.6	108.4	108.4	108.4	108.8	109.1	109.6	110.5
December	114.1	114.8	115.6	116.3	116.5	116.0	114.7	113.8	112.7	112.4	112.3	112.5	113.0	113.9	114.1
Year	107.6	108.3	108.8	109.3	109.3	109.1	108.4	107.7	106.8	106.2	105.8	105.9	106.2	106.8	107.5
														BOGRA (Hb. 65 ft.)	
January	115.0	115.8	116.5	117.3	117.6	117.5	117.0	115.8	114.4	113.3	113.1	113.1	113.5	114.2	114.6
February	108.5	109.4	110.1	110.8	111.3	111.1	110.2	109.0	107.8	107.1	106.7	106.7	107.0	107.5	108.2
March	105.6	106.7	117.5	108.0	108.4	118.1	107.2	105.7	104.4	103.2	102.8	102.9	103.3	104.0	104.6
April	104.6	105.3	106.1	106.7	106.8	106.5	105.6	104.5	103.2	102.3	101.5	101.4	101.5	101.8	102.5
May	100.8	101.4	101.9	102.5	102.8	102.4	101.7	100.0	100.1	099.3	098.6	098.1	098.1	098.5	098.4
June	096.9	097.2	097.7	098.1	098.2	098.0	097.6	097.0	096.4	095.5	094.9	094.6	094.9	095.4	096.0
July	097.7	098.2	098.7	099.0	099.1	099.0	098.6	097.9	097.1	096.5	096.1	095.9	096.7	096.8	097.4
August	100.2	100.9	101.4	101.9	102.0	102.0	101.6	100.9	099.9	099.2	098.5	098.4	098.5	099.1	100.1
September	102.9	103.4	104.0	104.8	105.1	104.8	104.0	103.0	101.9	101.1	100.6	100.6	100.9	101.8	102.6
October	106.7	107.4	108.0	108.7	108.9	108.5	107.6	106.4	105.8	105.0	104.9	104.9	105.0	105.5	106.2
November	108.5	108.8	110.2	111.0	111.3	110.7	109.5	108.2	107.4	107.1	107.2	107.4	107.6	108.0	108.6
December	112.6	113.4	114.2	115.0	115.5	115.2	113.7	112.4	111.5	111.0	110.9	111.0	111.3	111.8	112.4
Year	105.0	105.7	106.4	107.0	107.3	107.0	106.2	105.1	104.2	103.4	103.0	102.9	103.2	103.7	104.3

(*) Data not available.

at station level at 13 Stations for the year 1955

15	16	17	18	19	20	21	22	23	Mean	Means of Max.	Means of Min.	Extremes High	Extremes Date	Extremes Low	Extremes Date	Month
																January(*),
110.8	110.5	110.7	110.9	109.6	109.3	108.8	108.7	109.2	110.1	113.0	108.3	119.0	14	105.5	10	February.
109.4	109.6	109.7	109.4	109.1	108.5	108.4	108.7	108.9	109.3	111.7	107.8	115.6	14	105.5	25, 29, 31	March.
107.9	108.4	108.1	108.1	107.9	107.8	107.4	107.5	107.8	108.1	110.5	106.2	115.7	6, 8	103.7	14	April.
104.6	104.9	105.0	104.5	104.2	103.6	103.5	103.7	104.2	104.3	106.3	102.5	109.5	3, 6	99.8	21	May.
100.9	101.3	101.3	101.1	100.8	100.5	100.2	99.8	99.9	100.6	101.7	99.0	104.1	2, 5	94.1	28	June.
102.9	103.2	103.4	103.1	102.5	102.3	101.9	101.9	102.0	102.6	103.9	101.4	107.7	27	98.0	20	July.
104.4	104.8	104.9	104.6	104.7	103.9	103.6	103.4	103.6	104.0	105.4	101.9	108.1	3	98.3	25	August.
106.0	106.4	106.6	106.3	105.9	105.6	105.4	105.2	105.3	105.6	107.6	103.3	111.5	12	98.6	2	September.
109.1	109.0	109.2	108.9	108.6	108.2	108.0	108.1	108.2	108.4	110.2	106.0	113.6	17	103.3	8	October.
110.8	111.1	111.0	110.6	110.4	110.3	110.0	109.9	109.9	110.1	112.0	108.0	118.5	25	102.6	8	November.
114.4	114.6	114.3	114.1	113.8	113.2	113.1	113.0	113.4	113.8	116.2	111.4	119.6	6, 7	110.3	29	December.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	94.1	VI	Year.
116.7	116.9	116.7	116.4	116.2	115.8	115.7	116.0	116.2	116.2	118.5	114.0	121.8	4 days	109.0	31	January.
110.5	110.9	111.0	110.8	110.4	109.9	109.9	109.7	109.8	110.4	112.5	108.4	115.7	14	104.4	4	February.
109.3	110.1	109.7	109.3	108.6	107.9	108.4	108.4	108.6	109.1	111.4	107.1	114.7	9, 13	103.3	29, 31	March.
108.0	108.7	108.5	108.0	107.6	107.2	106.9	106.9	107.3	107.8	109.8	105.8	112.7	6, 26	101.7	14	April.
104.1	104.8	104.7	104.1	104.0	103.6	103.2	103.2	103.7	104.0	106.1	101.7	110.8	3, 5	98.8	23	May.
100.4	101.0	100.9	100.6	100.2	099.5	099.5	099.5	099.5	100.0	101.8	98.5	105.1	5	91.6	28	June.
102.5	102.8	102.7	102.6	102.2	101.8	101.6	101.5	101.4	101.9	103.4	100.4	109.4	25	96.6	14	July.
104.0	104.4	104.7	104.5	104.0	103.7	103.3	103.4	103.5	103.7	105.4	101.5	107.8	3, 16	97.8	25, 27	August.
106.0	106.4	106.6	106.4	106.0	105.7	105.6	105.6	105.4	105.7	107.6	103.4	111.0	24	97.4	1	September.
109.1	109.2	108.9	108.9	109.0	108.5	108.0	107.9	108.0	108.5	110.2	106.0	112.6	21, 22	103.1	7, 8	October.
111.0	111.3	111.2	110.8	110.7	110.1	110.0	109.6	109.9	110.2	112.4	108.4	118.0	30	101.3	8	November.
114.6	114.9	114.9	114.5	114.5	114.1	113.6	113.6	113.6	114.2	116.5	101.3	119.9	7	108.8	28, 29	December.
108.0	108.5	108.4	108.1	107.8	107.3	107.1	107.1	107.2	107.6	109.6	105.5	121.8	1	91.6	VI	Year.
115.1	115.3	115.4	115.1	114.8	114.7	114.3	114.3	114.5	115.1	111.7	112.9	121.5	14	107.5	31	January.
108.8	109.2	109.1	109.1	108.8	108.4	107.9	107.9	108.0	108.7	111.4	106.4	114.9	14	101.9	28	February.
105.4	106.1	106.0	105.8	105.4	105.2	105.1	105.1	105.1	105.5	108.4	102.7	112.9	13	097.2	31	March.
103.8	104.5	104.8	104.7	104.4	103.8	103.3	103.1	103.6	104.0	106.8	101.2	111.3	6	094.2	14	April.
099.8	100.5	100.7	100.7	100.6	100.5	099.9	100.0	102.2	100.4	103.0	098.1	108.8	5	093.1	22	May.
096.7	097.1	097.4	097.2	096.8	096.5	096.2	096.1	096.3	096.6	098.4	094.5	101.8	5	090.7	28	June.
098.1	098.6	098.8	099.1	098.2	097.7	079.4	097.2	097.4	097.8	099.4	095.8	103.2	31	092.8	14	July.
100.9	101.4	101.5	101.4	101.1	100.8	100.4	100.2	100.1	100.5	102.3	098.2	104.8	12	095.1	27	August.
103.3	103.7	103.7	103.6	103.4	1029	102.7	102.5	102.6	102.9	105.2	100.5	108.8	23	094.4	1	September.
106.9	107.3	107.4	107.2	106.9	106.5	106.2	106.1	106.2	106.7	109.0	104.7	111.6	29	101.6	8	October
109.1	109.4	109.5	109.4	109.2	109.0	108.7	108.6	108.4	108.9	111.3	107.0	116.9	30	099.4	8	November.
112.9	113.2	113.3	113.0	112.3	112.4	111.2	112.2	112.4	112.7	115.5	110.9	119.6	6	107.4	29	December.
10 .1	105.5	105.6	105.5	105.2	104.9	104.4	104.4	104.7	105.0	107.4	102.7	121.5	1	090.7	VI	Year.

Table VI.—Mean hourly and extreme Pressure (in mbs.)

Month \ Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
														LAHORE (Jail Road) (Hb. 702 ft.)	
															900 +
January	93.9	94.2	94.7	95.3	96.1	96.5	96.5	95.7	84.8	94.1	93.8	93.5	93.6	93.9	94.2
February	88.2	88.8	88.9	89.4	89.5	90.1	90.5	90.0	89.4	88.5	88.1	87.4	87.4	87.5	87.9
March	84.4	84.9	85.3	85.8	86.0	86.5	86.7	86.3	85.6	84.8	84.4	83.6	83.6	83.7	84.2
April	82.9	83.7	83.7	84.0	84.3	84.7	84.6	84.6	84.0	83.2	82.4	81.6	81.7	82.1	82.6
May	78.7	79.2	79.8	80.2	80.9	80.9	80.4	79.9	79.6	79.0	78.6	77.7	77.6	78.1	78.0
June	71.4	71.7	72.8	72.8	72.9	73.1	72.8	72.6	72.0	71.3	70.6	70.0	69.7	70.0	69.9
July	72.2	72.4	72.9	73.5	73.6	74.1	73.9	73.6	72.9	72.5	71.6	71.2	70.8	70.9	71.1
August	75.7	76.2	76.6	76.9	77.7	77.8	77.2	76.8	76.4	75.8	75.1	74.6	74.0	73.8	74.2
September	80.1	80.6	81.1	81.4	81.8	82.2	82.1	81.7	80.6	79.7	78.8	78.4	78.4	78.4	78.3
October	84.7	84.9	85.4	85.9	86.1	86.4	86.3	85.6	85.3	84.6	84.0	83.7	83.8	84.2	84.5
November	88.5	88.3	88.9	90.0	91.0	91.2	90.6	89.9	89.2	88.4	88.1	87.9	88.0	88.4	88.8
December	91.5	92.4	92.8	92.9	93.3	93.8	93.5	93.0	92.0	91.5	91.3	91.2	91.1	91.4	91.8
Year	82.7	83.1	83.6	84.0	84.4	84.9	84.6	84.1	83.5	82.8	82.2	81.7	81.6	81.9	82.1
														LAHORE (Cantt). (Hb. 793 ft.)	
January	93.3	93.6	93.9	94.9	94.9	95.5	95.6	95.0	94.6	93.6	92.8	92.7	92.9	93.4	93.7
February	87.6	88.1	88.2	88.4	89.0	89.4	89.8	89.6	89.2	88.0	87.1	86.7	86.6	86.9	87.0
March	83.7	84.2	84.6	85.3	85.8	86.0	86.0	85.9	84.9	84.1	84.1	84.1	84.5	84.4	84.1
April	81.8	82.0	82.7	83.3	83.2	83.8	83.9	83.8	83.4	82.4	81.4	80.7	81.3	80.3	80.5
May	78.2	78.5	79.5	79.7	80.3	80.5	80.5	79.9	78.8	77.9	77.5	77.2	77.2	77.2	77.2
June	71.1	71.5	71.9	72.5	72.7	72.4	72.3	72.3	70.0	70.4	70.5	69.8	69.2	69.2	69.4
July*															
August	75.4	75.8	76.2	76.6	76.6	76.6	76.7	76.6	76.2	75.1	74.3	73.6	73.5	73.7	74.1
September	79.4	79.7	80.3	80.9	81.5	81.5	81.4	81.1	80.4	79.2	78.5	78.1	77.9	77.9	78.2
October	84.3	84.5	84.9	85.6	86.2	86.5	86.2	85.8	85.0	83.8	83.5	83.1	83.3	83.8	84.0
November	88.0	88.2	89.0	89.9	90.3	90.6	90.3	89.6	89.1	87.9	87.4	87.4	87.6	88.0	87.9
December	91.0	91.4	91.8	92.4	93.0	93.0	92.8	92.2	91.4	90.7	90.6	90.6	90.7	90.9	91.5
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
														CHAKLALA (Hb. 1667 ft.)	
January	60.7	61.1	61.2	61.5	62.0	61.9	62.4	61.6	61.0	60.7	60.2	59.9	59.7	59.4	59.8
February	55.5	56.1	56.2	56.2	56.5	57.8	58.4	57.9	56.8	55.5	54.7	54.4	54.4	54.6	54.8
March	52.8	52.8	53.2	53.9	54.5	54.9	55.1	54.8	53.4	53.3	53.0	52.4	52.0	51.8	52.1
April	51.0	51.2	51.6	52.2	52.5	52.8	52.7	52.4	52.0	51.5	50.9	50.4	50.2	50.1	50.4
May	47.8	48.1	48.3	48.7	49.0	49.6	49.8	49.5	48.9	47.8	46.9	46.5	46.7	46.7	47.5
June	40.9	41.3	41.6	42.0	42.0	41.9	41.9	42.0	41.6	40.9	40.4	39.7	39.2	39.5	39.7
July	41.5	41.8	42.2	42.4	42.4	42.5	42.3	42.0	41.8	41.1	40.5	40.0	39.7	39.7	40.0
August	44.6	44.6	44.9	45.8	45.6	46.0	46.3	46.1	45.7	45.2	44.0	43.4	43.2	43.0	43.1
September	48.6	48.7	49.3	49.9	50.5	50.6	50.3	49.4	48.8	48.3	47.6	47.1	47.0	47.1	47.3
October	52.9	52.9	53.5	54.1	54.4	54.6	54.2	53.6	52.7	52.5	52.4	52.0	51.5	51.2	51.7
Noveber	55.8	55.8	56.5	57.4	57.9	58.2	57.8	57.0	55.8	55.3	54.6	54.6	55.3	55.7	56.2
December*															
Year															

*Data not available.

at station level at 13 Stations for the year 1955

15	16	17	18	19	20	21	22	23	Mean	Means of Mav.	Means of Min.	Extremes High	Extremes Date	Extremes Low	Extremes Date	Months
94.3	94.4	94.6	94.2	94.2	94.1	94.3	94.2	84.0	94.5	96.8	92.4	101.1	3	86.1	30	January.
88.2	88.5	88.5	88.7	88.5	88.2	88.2	88.0	88.0	88.6	90.5	86.7	93.1	21	78.7	28	February.
84.7	85.3	85.6	85.3	85.3	95.0	84.8	84.6	84.5	85.0	87.0	82.5	94.1	12	71.7	29	March.
82.8	83.4	83.4	83.5	83.2	83.0	82.7	82.4	82.7	83.2	85.0	80·9	92.8	18	72.8	13	April.
78.4	78.7	79.0	79.4	79.5	79.1	78.6	78.7	78.5	79.1	81.2	76.9	88.5	5	70.8	22	May.
70.2	70.7	71.2	71.5	71.7	71.4	71.1	71.2	71.4	71.4	73.5	69.7	78 0	5	65.4	27	June.
71.6	71.9	72.3	72.4	72.3	72.3	72.2	72.2	72.1	72.4	74.4	70.5	79.8	8	68.5	15	July.
75.1	75.6	75.9	76.1	76.0	75.5	75.5	75.4	75.6	75.8	78.1	73.5	81.5	13	69.2	6	August.
78.9	79.2	79.7	79.9	80.2	80.2	80.1	79.0	79.9	80.0	82.2	78.1	88.7	20	71.8	1	September.
84.7	85.1	85.4	85.4	85.5	85.1	84.9	84.3	84.2	85.0	86.8	83.0	90.6	17, 21	73.9	4	October.
89.1	89.2	89.2	89.6	89.7	89.7	89.3	89.1	88.7	89.2	91.5	87.5	99.3	30	80.5	8	November.
92.2	92.3	92.5	92.6	92.5	92.1	92.0	91.5	91.3	92.2	94.5	90.1	100.2	6	85.5	28, 29	December.
82.5	82.9	83.1	83.2	83.2	83.0	82.9	82.5	82.6	83.0	85.3	81.0	101.1	I	65.4	VI	Year.
93.9	94.6	94.5	94.3	94.1	93.6	92.8	92.6	92.7	93.9	95.8	92.1	101.8	4	86.9	24	January.
87.2	87.6	87.5	88.0	87.9	87.6	87.3	87.0	87.2	87.9	90.0	86.2	93.5	21	83.0	9	February.
83.7	83.4	84.1	84.4	84.7	84.3	84.1	83.4	83.4	84.5	86.2	84.1	91.8	13	73.2	29, 30	March.
81.4	82.0	82.4	82.7	82.9	82.6	82.4	82.3	81.7	82.3	84.4	79.0	93.9	18	74.4	29	April,
77.8	78.0	78.1	78.2	78.1	77.9	78.0	77.9	78.0	78.4	81.0	76.8	86.3	5	71.0	22	May.
70.1	70.7	70.6	70.8	70.4	70.2	70.4	70.9	71.0	70.8	72.8	69.1	76.3	5	66.3	12, 26	June.
																July*,
74.3	74.9	74.7	74.9	75.0	74.8	74.9	74.8	75.1	75.2	77.5	73.2	80.6	13, 22	67.3	6	August.
78.5	78.8	78.9	79.4	79.1	79.0	79.2	79.7	79.2	79.9	81.8	77.6	86.7	20	70.3	1	September.
84.2	84.5	84.6	84.7	84.8	84.7	84.5	84.2	84.2	84.6	87.0	82.9	90.4	17	73.0	4	October.
89.0	89.1	89.5	89.3	89.6	89.0	88.8	88.5	88.3	88.8	90.6	87.1	95.3	30	71.6	8	November.
91.9	92.3	92.6	92.5	92.3	91.8	91.3	91.1	90.9	91.7	93.3	89.8	97.4	6	85.5	28	December.
...	...	...	...	...	...	...	...	...	...	...	...	101.8	4	66.3	VI	Year.
61.0	61.0	60.6	59.4	59.9	60.1	60.7	60.9	60.8	60.7	62.9	58.4	67.7	3	53.6	24	January.
55.1	55.4	55.7	55.9	55.9	55.7	55.3	55.1	55.2	55.8	58.8	53.7	61.3	25	47.1	28	February
53.1	53.6	54.0	53.8	53.5	53.4	53.4	53.0	52.9	53.4	55.5	51.0	61.8	12	41.0	29	March.
50.9	51.5	52.0	52.1	52.1	51,9	51.5	51.3	51,1	51,5	53.2	49.6	60.1	18	42,2	11	April,
48.0	48.4	48.6	48.6	48.1	48.4	48.2	48.1	47.9	48.2	50.2	46.3	55.8	6	41.7	23	May.
39.9	40.1	40.6	40.6	40.7	40.6	40.4	40.2	40.5	40.8	42.0	39.1	46.9	5	35.6	26	June.
40.5	41.0	41.3	41.3	42.2	41.0	41.1	40.7	41.0	41.3	43.0	39.4	47.2	8	35.3	14	July.
43.5	43.9	44.4	44.9	45.1	45.1	45.0	44.8	44.6	44.7	46.6	42.7	50.2	13	40.2	4 days	August.
47.6	47.9	47.9	48.3	48.6	48.8	48.6	48.4	48.3	48.5	50.8	46.7	55.4	24	40.3	1	September.
52.4	53.3	53.5	53.5	53.3	53.1	53.1	53.2	53.0	53.0	55.1	50.5	58.4	11	43.3	4	October.
56.2	56.2	56.3	56.5	56.7	56.6	56.4	56.0	55.9	56.3	58.5	54.5	63.1	25, 28	46.4	8	November.
																December (*).
																Year.

(*) Data not available.

Table VI.—Mean hourly and extreme Pressure (in mbs.)

Month/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
														PESHAWAR 900+	
January	78.1	78.3	78.7	79.2	80.0	80.2	79.8	79.3	78.4	77.9	77.6	77.5	77.4	77.4	77.6
February	72.8	73.3	73.7	73.8	74.1	74.1	74.4	74.1	73.4	72.2	71.4	71.3	71.4	71.9	72.4
March	70.0	70.7	70.9	71.5	71.8	71.7	71.6	71.2	70.3	69.7	69.2	69.0	69.0	69.0	69.2
April	67.8	68.3	68.8	69.1	69.7	69.3	69.1	68.2	67.8	67.3	67.1	66.6	66.3	66.0	66.1
May	64.7	65.2	65.9	65.8	66.0	65.8	65.3	65.0	64.3	63.5	63.1	63.1	63.2	63.6	63.5
June	56.4	57.2	57.6	57.9	57.7	57.3	56.9	56.1	55.8	55.6	55.3	54.9	54.5	53.9	53.9
July	56.1	56.8	57.2	57.5	57.8	57.3	57.1	56.7	55.6	54.8	54.2	54.3	53.9	53.9	53.7
August	59.5	59.9	60.6	60.8	61.0	61.0	60.5	60.0	59.3	58.5	58.0	57.7	57.6	57.5	57.4
September	64.1	64.6	65.4	65.8	66.3	66.1	65.6	64.7	64.3	63.4	62.7	62.4	62.3	62.2	62.4
October	69.4	69.8	70.1	70.6	71.2	70.7	70.1	69.3	68.2	67.9	68.0	67.6	67.5	67.2	67.6
November	73.3	73.7	74.0	74.4	74.6	74.7	74.3	73.7	72.8	72.1	72.0	71.9	71.9	72.1	72.6
December	75.7	76.1	76.4	76.8	77.3	77.7	77.1	76.1	75.3	74.6	74.4	74.7	75.0	75.2	76.1
Year	67.3	67.8	68.3	68.6	69.0	68.9	68.5	67.6	67.1	66.5	66.1	65.9	65.8	65.9	66.0
														KAKUL 800 +	
January*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	68.3	68.3	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.6	68.3	68.3	67.9	67.9	68.3
June	63.5	63.9	63.9	64.2	64.2	64.2	64.2	64.2	63.9	63.9	63.5	63.2	62.9	62.5	62.9
July	63.2	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.5	63.2	63.2	62.9	62.5	62.9
August	65.6	65.9	65.9	66.2	66.6	66.6	66.6	66.6	66.2	65.9	65.6	64.2	64.9	64.9	64.9
September	69.3	69.3	69.6	69.6	70.0	70.0	70.0	69.6	69.6	69.3	68.9	68.6	68.3	68.3	68.6
October	71.3	71.3	72.0	72.3	72.7	72.7	72.2	72.3	72.0	71.7	71.7	71.7	71.3	71.3	71.7
November	73.7	74.0	74.4	74.7	74.7	74.7	74.7	74.4	74.4	74.0	74.0	73.7	73.7	74.0	74.0
December	74.0	74.4	74.7	75.0	75.4	75.7	75.7	75.4	74.7	74.7	74.4	74.4	74.4	74.4	74.4
Year	...	...	...	...	...	...	...	...	...		...	...	...	...	...
														KARACHI (Air Port) 900+	
January	115.5	115.6	116.3	117.2	117.9	118.6	117.7	116.7	115.6	114.7	114.3	114.2	114.1	114.4	114.8
February	109.3	109.7	110.1	111.2	111.6	112.1	111.7	111.1	110.2	109.1	108.3	108.1	108.2	108.6	108.9
March	106.3	106.2	107.6	108.3	108.4	109.6	109.0	108.9	108.2	106.7	106.4	105.7	105.6	105.6	106.2
April	105.0	105.5	106.0	106.8	107.3	107.6	107.2	106.6	106.1	105.3	104.5	103.9	104.0	104.0	105.0
May	100.4	101.0	101.5	102.1	102.8	102.8	102.2	102.3	101.4	100.7	099.9	099.5	099.3	098.9	099.7
June	096.1	096.6	096.7	097.3	097.3	097.4	097.2	097.0	097.2	096.3	095.8	095.6	095.0	095.1	096.1
July	096.2	096.2	096.8	096.7	097.8	097.5	097.6	097.4	097.0	096.5	095.9	096.0	095.6	095.5	095.7
August	097.2	097.5	098.1	098.4	098.9	098.8	098.8	098.5	097.9	097.4	096.8	096.6	096.3	096.2	096.7
September	100.7	100.9	101.5	102.2	102.9	102.5	102.7	101.8	101.3	100.6	099.8	099.6	099.6	099.8	100.4
October	105.7	105.8	106.2	107.0	107.4	107.3	107.4	106.4	105.8	105.2	104.8	104.5	104.6	105.0	105.6
November	110.2	110.2	111.2	112.0	112.7	112.7	112.3	111.3	110.6	109.6	108.7	109.0	109.2	109.6	110.5
December	112.5	112.8	113.3	114.5	114.4	114.9	114.8	113.6	112.9	112.2	111.8	111.5	111.5	111.8	112.3
Year	104.6	104.8	105.4	106.2	106.6	106.8	106.5	106.0	105.3	104.5	103.9	103.7	103.6	103.7	104.3

(*) Data not available.

at station level at 13 Stations for the year 1955

15	16	17	18	19	20	21	22	23	Mean	Means of Max.	Means of Min.	Extremes High	Extremes Date	Extremes Low	Extremes Date	Month
(Hb=1177 ft.)																
78.0	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.2	78.4	80.9	76.5	86.0	4	71.0	24	January.
72.3	72.4	72.3	72.1	72.0	71.9	71.9	72.1	72.1	72.6	47.5	71.3	78.8	25	65.3	28	February.
69.5	69.7	70.0	69.9	69.8	69.8	69.8	69.5	69.7	70.1	72.2	68.0	80.2	3	58.5	29	March.
66.0	66.6	67.3	67.6	67.8	67.7	67.4	67.1	67.3	67.7	69.7	65.8	79.1	18	57.9	11	April.
64.1	64.6	64.4	64.3	64.5	64.1	64.1	64.1	64.1	64.4	66.3	62.9	71.7	5	57.5	22	May.
53.7	54.0	54.9	55.0	55.7	55.8	55.3	55.6	55.7	55.7	57.9	53.7	62.2	3, 5	50.9	26	June.
53.9	54.4	54.5	54.8	54.8	54.9	55.1	55.7	55.7	55.5	58.1	53.4	62.4	8	49.5	14, 15, 17	July.
57.7	58.1	58.4	58.5	58.7	58.8	58.7	58.9	59.2	59.0	61.0	57.2	66.2	13	52.8	6	August.
62.2	63.2	63.4	63.4	63.3	63.3	63.4	63.9	63.9	63.9	66.6	62.0	72.2	20, 23 24	53.9	1	September.
68.0	68.2	68.3	68.7	68.9	68.9	68.6	68.2	68.4	68.8	72.3	66.9	77.3	11, 26 30	58.9	4	October.
72.8	73.0	73.2	73.1	73.0	72.8	72.7	72.6	72.9	73.1	75.1	71.9	80.8	29	64.8	8	November.
76.4	76.2	76.3	75.8	75.3	75.5	75.7	76.0	75.8	75.9	78.1	74.1	82.8	7	69.9	28, 29	December.
66.3	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.1	69.4	65.3	86.0	I	49.5	VII	Year.
(Hb=4214 ft.)																
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	January (*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	February (*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	March (*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	April (*).
68.3	68.6	68.6	68.6	68.6	68.3	68.3	68.3	68.3	68.5	69.6	67.6	74.7	13	62.9	21	May
62.9	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	64.5	62.5	68.9	4, 5	59.8	27	June.
62.9	63.2	63.2	63.2	63.5	63.2	62.9	63.2	63.2	63.3	64.2	62.5	67.6	8	59.5	15	July
65.2	65.2	65.6	65.6	65.9	65.6	65.6	65.6	65.6	65.7	66.6	64.9	69.6	13	62.2	6, 7	August.
68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1	70.0	68.3	74.4	4 days	63.5	1	September.
72.0	72.0	72.0	72.0	72.0	72.0	71.7	71.7	71.3	71.9	73.0	71.3	76.1	17	65.9	4	October.
74.4	74.0	74.4	74.4	74.4	74.0	74.0	73.7	73.7	74.2	74.7	73.7	78.8	29	68.6	8	November.
74.7	74.7	75.0	75.0	74.7	74.7	74.4	74.4	74.0	74.7	75.7	74.0	80.5	7 8	70.0	28 29	December.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Year.
(Hb=73 ft.)																
115.8	116.3	116.2	116.2	116.1	115.8	115.8	115.2	115.2	115.8	118.6	113.9	123.9	4	109.5	28	January.
109.5	110.3	110.6	110.4	110.3	109.8	109.5	109.4	109.3	109.9	112.1	107.7	116.8	14	102.7	28	February.
106.8	107.5	107.9	107.8	107.8	107.5	106.8	105.3	104.9	107.1	109.9	104.9	114.5	17	098.1	29	March.
104.8	105.6	105.9	106.1	106.0	105.8	105.2	104.6	104.8	105.6	107.6	103.7	113.4	17	097.5	30	April.
100.4	101.0	101.5	101.7	101.6	101.3	100.6	100.2	100.3	101.0	103.1	098.7	108.2	26	092.5	21	May.
096.1	096.6	097.3	097.2	097.0	096.6	096.3	096.3	096.2	096.5	098.1	095.0	103.1	6	089.5	28	June.
096.2	096.7	097.3	097.6	097.3	097.3	096.7	096.4	096.1	096.7	098.2	095.5	101.3	30	092.3	19	July.
097.2	097.6	098.6	098.6	098.6	098.0	097.4	097.3	097.4	097.7	099.5	096.2	101.6	14	094.0	24	August
101.0	101.4	101.5	101.9	102.5	102.0	101.2	100.7	100.5	101.2	103.2	099.6	108.3	20	093.8	2	September.
106.1	107.0	107.1	106.9	106.6	106.2	105.9	105.5	105.3	106.1	108.1	104.2	112.4	18	096.1	4	October.
111.0	111.3	111.5	111.5	111.2	111.3	110.6	110.2	110.1	110.9	113.0	108.7	116.1	15	106.8	8	November.
113.3	113.8	114.2	114.2	113.5	113.3	113.3	112.3	112.5	113.1	115.5	111.2	120.3	8	106.4	25	December.
104.9	105.4	105.8	105.8	105.7	105.4	104.9	104.5	104.4	105.1	107.2	103.3	123.9	I	089.5	VI	Year.

(*) Data not available.

Table VI.—Mean hourly and extreme Pressure (in mbs.)

Month/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
KARACHI (Mauripur)															
															900–
January*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June	97.0	97.7	97.9	98.2	98.5	98.4	98.3	97.7	97.6	97.3	96.7	96.4	96.1	96.3	96.5
July	98.0	98.0	98.3	98.8	99.1	99.1	99.2	99.1	98.7	98.3	97.9	97.5	97.3	97.3	97.4
August	98.1	98.3	98.7	99.1	99.5	99.7	99.8	99.6	99.3	98.7	98.1	97.7	97.5	97.5	97.7
September	102.1	102.3	102.9	103.4	103.7	103.8	103.7	103.1	102.3	101.8	101.0	100.7	100.7	101.1	101.5
October	107.0	107.1	107.7	108.3	108.8	109.0	108.8	108.1	107.2	106.4	105.9	105.7	105.7	106.2	106.7
November	111.7	111.7	112.4	113.1	113.6	113.7	113.4	112.6	111.6	110.8	110.2	110.0	110.2	110.6	111.6
December	113.6	113.7	114.6	115.6	116.2	116.7	116.3	115.5	114.8	113.2	112.7	112.5	112.5	112.8	113.7
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
KARACHI (Manora)															
															900+
January	117.6	117.9	118.8	119.0	119.6	120.0	120.0	119.6	117.9	117.3	116.9	116.6	116.6	116.6	117.3
February	111 5	111.5	111.9	112.5	112.9	113.2	114.2	113.9	112.9	111.9	111.5	111.2	110.8	110.8	111.2
March	109.5	109.8	110.5	111.2	111.5	111.5	112.2	111.9	111.2	110.5	109.8	109.5	109.1	109.1	109.5
April(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	103.1	103.1	103.4	104.1	104.4	104.7	104.7	105.1	104.7	104.1	103.7	103.1	102.4	102.0	102.0
June	098.3	098.7	099.0	099.3	099.7	099.7	099.7	099.7	099.3	099.0	098.3	098.0	097.6	097.6	097.6
July	098.7	098.7	099.0	099.7	099.7	099.7	099.7	099.7	099.3	099.0	098.7	098.3	098.3	098.3	098.3
August	099.3	099.3	099.7	100.3	100.7	101.0	101.0	100.7	100.3	099.7	099.3	099.0	098.7	098.7	099.0
September(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
October(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
November(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
December	115.9	116.3	116.6	116.9	117.3	117.3	117.6	117.6	117.3	116.6	115.9	115.6	115.6	115.6	115.6
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
JACOBABAD															
															900+
January(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	95.8	96.2	96.9	97.5	97.7	97.9	97.6	97.3	96.6	95.9	95.1	94.3	93.8	93.9	94.0
June	88.5	89.2	89.9	90.3	90.6	90.5	90.5	90.3	89.8	89.0	88.2	87.7	86.4	86.2	86.1
July	88.7	89.1	89.8	90.5	91.0	91.0	90.6	90.1	89.4	88.7	88.2	87.0	86.8	86.3	86.3
August	91.7	92.4	92.5	92.9	93.1	93.3	93.6	93.4	92.9	91.6	90.8	90.4	89.9	90.1	90.5
September	96.2	96.3	97.1	97.9	98.5	98.4	98.3	98.1	97.4	96.2	95.5	94.9	94.5	94.6	95.1
October	102.1	102.5	103.0	103.7	103.9	104.3	104.2	102.5	102.7	102.1	101.8	101.0	100.8	100.7	101.1
November	106.7	106.8	107.4	108.6	109.0	109.6	109.4	108.2	107.5	106.7	106.5	106.0	105.8	106.0	106.5
Derember	109.6	110.1	110.6	111.3	112.4	112.3	112.8	111.8	110.9	110.1	109.7	109.1	108.7	108.5	109.3
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

*) Data not available.

at station level at 13 Stations for the year 1955

15	16	17	18	19	20	21	22	23	Mean	Means of Max.	Means of Min.	Extremes High	Extremes Date	Extremes Low	Extremes Date	Month
(Hb=52 ft.)																
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	January(*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	February(*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	March(*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	April(*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	May(*).
97.0	97.9	98.1	98.2	98.4	97.8	97.5	97.1	97.0	97.5	99.0	95.9	104.3	6	89.8	27	June.
97.7	98.0	98.7	99.0	99.1	99.0	98.6	98.2	98.0	98.3	100.1	97.0	101.9	29	93.4	19	July.
98.2	98.7	99.2	99.6	99.7	99.4	98.9	98.5	98.1	98.7	100.2	97.2	102.4	15	95.2	31	August.
102.2	102.8	103.1	103.2	103.1	102.8	102.5	102.2	102.0	102.4	104.1	100.6	109.0	20	96.2	7	September.
107.4	108.0	108.3	108.3	108.0	107.7	107.4	107.1	106.9	107.4	109.2	105.5	113.0	30	97.4	4	October.
112.1	112.5	112.6	112.5	112.3	112.0	111.8	111.6	111.5	111.9	113.9	110.0	119.7	30	105.7	5	November.
114.2	114.8	114.5	114.6	114.4	114.0	113.8	113.6	113.7	114.3	117.2	112.2	122.0	23	107.3	28, 29	December.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Year.
(Hb=13 ft.)																
117.6	117.9	118.3	118.3	118.3	118.3	117.9	117.9	117.6	118.1	120.3	116.3	125.1	3	112.5	4 days	January.
111.5	111.5	111.9	111.9	112.2	112.2	111.9	111.9	111.5	112.0	119.2	110.2	118.6	14, 15	106.4	27	February.
109.8	110.5	110.8	110.8	110.8	110.8	110.5	110.2	109.8	110.5	112.5	108.8	116.9	16, 18	105.1	4 days	March.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	April (*).
102.4	102.7	103.1	103.4	103.7	103.7	103.7	103.4	103.1	103.5	105.1	101.7	109.1	26	095.6	21	May.
098.0	098.0	098.7	099.0	099.3	099.3	099.0	098.7	098.3	098.7	100.0	097.5	105.8	6	090.5	28	June.
098.3	099.0	099.3	099.7	099.7	099.3	099.0	099.0	098.7	099.0	100.3	098.0	102.7	30	094.6	19	July.
099.3	099.7	100.0	100.7	100.3	100.0	099.7	099.3	099.3	099.8	101.4	098.7	103.7	15	097.3	...	August.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	September.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	October.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	November.
115.9	116.6	116.9	116.9	116.9	116.9	116.6	116.3	...	116.6	118.3	114.9	123.4	23	110.8	28	December.
...	...	...	...	...	...	...	...	...	...	...	...	125.1	I	090.5	VI	Year.
(Hb=183 ft.)																
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	January(*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	February (*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	March(*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	April(*).
94.6	95.3	95.8	95.8	95.7	95.5	95.1	95.1	95.2	95.8	98.6	93.0	105.5	14	85.4	23	May.
87.0	87.5	88.2	88.6	88.5	87.9	87.9	87.6	87.7	88.5	90.8	86.1	96.4	11	81.8	26	June.
86.9	87.4	88.1	88.7	88.9	88.9	88.5	88.4	88.2	88.6	91.4	86.3	95.1	21	82.8	2	July.
90.8	91.4	91.8	92.0	92.0	91.7	91.3	91.1	91.5	91.8	93.7	89.9	96.4	14	84.8	6	August.
95.7	96.4	96.7	96.9	96.8	96.8	96.3	96.3	96.1	96.5	98.6	94.2	104.1	24	87.2	12	September
102.0	102.5	102.6	102.6	102.8	102.5	102.5	102.1	102.1	102.4	104.6	100.5	109.0	30	091.6	4	October.
107.1	107.7	107.7	107.8	107.7	107.3	107.2	106.8	106.8	107.4	109.6	105.6	115.1	25	100.3	9	November
110.0	110.6	110.9	110.8	110.7	110.5	110.0	109.9	109.3	110.4	113.1	108.4	118.9	23	103.3	28	December.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	81.8	V	Year.

Tabl VI.—Mean hourly and extreme Pressure (in mbs.)

Month/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
														QUETTA (Samungli) 800+	
January	43.5	43.9	43.8	44.3	44.9	45.1	44.8	44.6	44.0	43.2	43.0	43.2	43.3	43.2	43.3
February	40.3	40.7	40.8	41.2	41.6	41.6	41.4	41.2	40.7	40.1	39.7	39.2	38.9	38.7	38.8
March	40.2	40.3	40.6	41.0	41.6	42.0	41.8	41.8	41.3	40.8	40.1	39.4	39.0	39.6	40.2
April	40.1	40.6	40.8	40.8	40.6	40.3	39.9	39.5	39.6	39.0	38.5	38.2	38.1	38.0	37.9
May	37.2	37.4	37.6	38.1	37.9	38.0	37.9	37.5	37.2	36.8	36.4	36.0	36.0	35·7	35.9
June	34.2	34.9	35.2	35.3	35.3	35.4	35.4	35·4	35.2	34.8	34.2	33.5	32.8	32.6	33.2
July	32.6	33.0	33.2	33.4	33.7	33.9	34.0	34.0	34.0	33.3	32.6	31.5	30.8	30.9	31.4
August	34.0	34.2	34.5	34.8	34.8	35.1	35.2	35.2	34.9	34.1	33.2	32.3	31.9	31.8	32.2
September	38.3	38.5	38.8	39.2	39.3	38.9	39.2	39.1	38.5	37.8	37.2	36.7	36.5	36.5	36.5
October	42.3	42.6	42.8	43.1	43.2	42.9	42.7	42.2	41.8	41.5	41.2	40.8	40.6	40.4	40.6
November	43.9	44.1	44.5	45.1	45.2	44.7	44.1	43.7	43.1	42.7	42.5	42.5	42.6	43.1	43.6
December	42.7	43.1	43.3	43.7	44.2	44.4	44·4	43.9	42.8	42.0	41.7	41.9	42.1	42.3	42.6
Year	39.1	39.4	39.7	40.0	40.2	40.2	40.1	39.8	39.4	38.8	38.4	37.9	37.7	37.7	38.0

at station level at 13 Stations for the year 1955

15	16	17	18	19	20	21	22	23	Mean	Means of		Extremes				Months
										Max.	Min.	High	Date	Low	Date	
(Hb. 5253 ft.)																
43.3	43.5	43.4	43.3	43.1	42.8	42.8	42.9	43.4	43.6	45.1	43.0	49.6	4	38.5	29	January.
39.2	39.7	40.2	40.6	40.6	40.3	40.2	39.9	40.1	40.2	41.7	38.6	47.4	15	33.2	28	February.
40.9	41.1	41.1	40.7	40.4	40.3	40.2	40.2	40.1	40.6	42.3	38.6	47.4	16	32.8	29	March.
38.1	38.7	39.8	40.6	40.5	40.3	40.1	40.0	40.1	39.6	40.8	37.9	45.7	18	31.9	11	April.
36.0	35.9	36.2	36.4	36.6	36.7	36.7	36.9	37.0	36.8	38.6	35.3	42.4	17	31.3	8	May.
33.4	33.8	33.8	33.7	33.6	33.7	34.0	33.9	34.1	34.2	35.5	32.6	40.6	6	28.5	26	June.
32.1	32.4	32.6	32.7	32.7	32.6	32.4	32.4	32.5	32.7	34.0	30.8	37.7	13	26.7	18	July.
33.1	33.7	34.1	34.0	33.9	33.8	33.7	33.7	33.7	33.8	35.2	31.8	37.4	23	28.2	6	August.
36.9	37.3	37.3	37.3	37.5	38.2	38.6	38.5	38.3	38.0	39.5	36.5	43.7	23	31.7	1, 5, 6	September.
41.0	41.2	41.6	41.9	42.1	42.3	42.2	42.3	42.2	41.9	43.3	40.4	46.9	18	36.3	4	October.
44.2	44.4	44.3	43.9	43.6	43.4	43.2	43.3	43.6	43.7	45.3	42.5	50.2	20	40.4	1	November.
43.0	43.3	43.3	43.2	42.4	42.6	42.3	42.3	42.5	42.9	44.7	41.7	50.1	20	35.6	29	December.
38.4	38.7	39.0	39.0	39.0	38.9	38.9	38.9	39.0	39.0	40.5	37.5	50.2	XI	26.7	VII	Year.

TableVII.—Mean hourly and extreme dry bulb temperature (°F)

Month/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
														LAHORE (Jail Road)	
January	44.2	43.8	43.8	43.7	48.8	55.3	59.6	62.6	64.0	65.0	64.4	64.5	63.1	59.1	55.2
February	47.1	46.8	47.8	50.7	61.3	65.8	69.5	71.9	74.1	75.4	76.7	76.1	74.4	69.9	64.5
March	62.4	62.3	63.2	66.3	71.0	75.3	78.5	80.5	81.9	82.9	83.3	83.2	82.3	79.4	75.3
April	62.7	62.5	65.7	73.3	79.0	83.8	86.8	89.1	90.7	92.6	91.2	91.6	90.3	87.4	81.0
May	71.9	72.2	75.7	81.1	85.6	89.7	92.2	93.6	95.1	96.0	96.2	96.0	95.0	92.7	88.5
June	82.4	82.7	85.7	90.4	95.6	97.7	101.3	103.1	105.0	106.8	107.2	107.5	106.7	105.3	99.4
July	82.3	81.9	83.5	86.2	88.5	91.5	93.7	95.0	96.9	98.9	99.6	99.4	99.0	97.6	94.7
August	80.4	80.5	80.8	82.1	84.0	87.9	88.6	89.1	89.4	90.3	90.2	90.8	89.0	87.6	85.9
September	76.9	77.0	78.2	81.3	84.5	87.6	88.6	89.5	90.6	90.8	90.6	89.8	89.3	87.8	85.2
October	64.0	64.9	65.5	69.5	69.7	73.3	80.1	81.2	82.4	83.7	84.2	83.9	81.9	76.9	73.0
November	50.3	50.9	52.0	56.6	63.1	69.0	74.6	77.2	76.9	80.3	80.9	80.1	75.3	67.6	62.7
December	46.8	48.0	48.5	48.6	54.0	59.3	63.1	65.9	65.1	68.3	68.4	67.3	64.5	59.5	56.1
Year	64.3	64.5	65.9	69.1	74.0	78.0	81.4	83.2	84.3	85.9	86.1	85.9	84.2	80.9	76.8
														CHAKLALA	
January	37.8	36.9	36.4	38.3	45.8	52.1	57.2	60.5	63.0	62.8	62.8	62.8	60.8	57.1	50.8
February	41.8	41.2	42.0	43.5	52.3	60·3	64.9	69.8	71.2	71.8	71.3	71.1	70.1	66.9	62.1
March	56.3	56.7	57.3	59.8	63.6	66.3	70.9	73.1	74.3	76.4	76.0	75.6	75.0	72.6	69.6
April	59.9	59.4	61.5	67.7	72.6	76.6	80.6	82.2	83.5	84.1	84.4	83.8	81.1	81.6	77.3
May	66.6	67.0	71.9	77.7	80.6	84.4	86.7	87.9	89.0	90.2	90.5	90.3	89.5	87.1	82.5
June	79.6	80.2	84.6	91.2	94.7	97.9	100.3	101.8	103.1	104.6	105.5	105.3	103.8	101.8	98.5
July	79.6	79.7	81.6	85.9	89.8	93.1	95.4	96.3	96.9	97.3	97.8	97.8	97.8	97.9	94.9
August	77.9	78.2	78.1	79.4	80.3	81.5	83.1	84.4	85.6	86.5	87.2	85.4	87.0	86.5	85.0
September	72.0	73.0	74.5	76.9	80.5	82.4	84.4	86.3	87.9	88.9	89.6	89.4	88.7	86.7	83.3
October	57.9	59.2	60.1	63.7	67.6	75.0	78.8	79.7	81.3	83.4	84.1	83.4	81.6	77.4	72.8
November	45·0	44.7	45·5	48.4	57.8	65.7	71.2	73·8	75.7	77.6	78.1	77.0	72.5	66.5	61.2
December	42.0	41.7	41.3	41.9	46.6	53.9	59.8	63.2	63.9	64.6	64.1	63.1	60.2	56.9	54.1
Year	59.7	59.8	61.2	64.5	69.3	74.1	77.8	79.9	81.3	82.3	82.6	82.3	80.7	78.3	74.3
														PESHAWAR	
January	43.0	43.0	43.1	43.2	48.7	53.6	57.8	59.5	61.2	62.8	63.8	63.5	61.6	56.4	51.9
February	47.8	47.8	47.7	48.5	57.1	62.8	66.7	69.0	70.4	71.5	72.3	72.2	71.2	67.2	61.9
March	58.6	58.4	58.6	61.0	66.8	70.1	72.1	73.1	74.3	75.9	76.4	76.0	74.6	73.0	69.5
April	60.5	60.9	64.0	70.9	77.8	79.9	81.3	82.8	83.7	85.0	85.8	86.1	85.0	82.5	78.5
May	68.5	68.4	73.0	78.8	82.8	85.1	87.0	88.5	90.2	90.6	90.1	89.9	88.6	87.1	85.6
June	83.9	83.8	87.7	93.0	97.1	99.5	101.1	102.7	103.8	104.7	105.0	104.8	104.3	103.6	99.5
July	81.2	80.8	83.2	87.1	90.2	91.9	95.3	97.9	99.3	100.8	100.8	101.3	101.0	100.6	98.8
August	80.6	81.2	81.4	82.4	84.9	85.4	87.1	88.6	90.1	91.4	92.0	92.2	91.7	90.5	88.7
September	75.9	76.0	76·4	79.3	82.9	85.1	87.3	89.5	90.6	91.9	92.2	91.2	90.1	88.2	85.2
October	63.4	63.1	63.0	66.8	73.2	77.2	80.2	81.8	83.7	84.9	85.5	85.1	82.7	77.1	73.0
November	51.1	51.3	50.6	52.3	59.7	65.7	70.6	73.1	75.3	76.4	76.5	76.0	717	64.5	61.0
December	45.4	45.2	45.0	45·1	49.6	54.2	58.5	61.0	62.6	64.0	64.5	64.3	60.9	55.7	53.0
Year	63.3	63.3	64.5	67.4	72.6	75.9	78.7	80.6	82.1	83.3	83.7	83.5	81.9	78.9	75.5

(*) Data not available.

at 6 Stations for the year 1955. (Readings at exact hours in G.M.T.)

15	16	17	18	19	20	21	22	23	Mean	Means of Max.	Means of Min.	Extremes High	Extremes Date	Extremes Low	Extremes Date	Month
52.5	50.6	49.1	48.0	47.2	46.5	45.8	45.0	44.4	52.8	66.7	40.8	75	19	33	1	January.
60.5	58.3	56.4	55.0	53.7	52.6	51.7	50.3	48.6	60.8	77.3	46.6	87	21	38	12	February.
72.1	69.9	68.7	67.8	66.8	65.6	64.5	63.6	63.0	72.1	84.4	60.8	95	29	54	3, 4	March
76.2	73.5	71.4	70.5	68.4	67.3	65.6	64.5	63.5	77.0	93.0	61.4	101	9, 27	53	17, 18	April.
83.9	80.9	78.9	77.3	76.4	75.6	74.4	73.7	72.9	84.0	97.0	70.7	108	30	59	11	May.
94.2	91.6	89.4	88.6	87.7	87.0	85.5	84.2	83.3	94.5	109.2	81.9	114	6, 15, 25	72	28	June.
91.6	90.1	88.5	87.0	86.2	85.3	84.3	83.6	83.0	90.4	100.0	81.6	109	14	70	20, 21	July.
84.0	83.2	82.8	82.3	81.8	81.8	81.2	80.6	80.1	84.3	94.0	79.5	105	1	79	11	August.
83.2	81.6	80.9	80.3	79.5	78.9	78.2	77.6	77.0	83.5	93.1	75.9	98	6	72	6 days	September.
70.6	69.2	68.1	67.3	66.5	65.7	64.9	64.5	64.3	72.4	85.9	63.2	92	8	55	29, 30, 31	October.
59.4	57.0	54.0	55.0	53.7	52.6	51.9	50.6	50.2	62.6	81.9	49.1	87	1, 2	43	26	November.
54.1	52.6	51.5	50.4	49.9	49.7	48.1	47.5	47.3	55.6	70.4	45.1	78	1, 7, 10	37	26 27	December.
73.5	71.5	69.9	69.1	68.1	67.4	66.3	65.5	64.8	74.2	87.7	63.1	114	VI	33	I	Year.
46.7	44.9	42.8	43.4	43.0	42.1	41.1	39.8	38.4	48.8	63.8	34.5	72	16	25	2	January.
58.1	54.0	52.1	49.9	48.4	47.5	45.9	45.2	43.2	56.0	72.6	39.3	83	26	31	13	February.
66.9	63.1	61.9	61.6	61.0	60.1	58.6	57.9	56.8	65.5	77.6	52.9	87	29	44	4	March.
72.9	70.1	67.4	65.4	63.5	62.5	60.5	58.9	58.7	71.6	85.3	54.8	95	8, 9	46	17	April.
78.8	76.0	74.7	74.6	73.1	71.9	70.5	68.3	67.3	79.0	91.1	64.1	104	30	54	28	May.
94.4	91.4	89.7	87.2	84.2	82.7	81.9	81.1	80.8	92.8	106.4	76.0	112	25	71	8	June.
90.5	87.9	85.1	84.5	84.7	85.0	84.5	83.8	81.0	89.5	99.5	76.6	110	14	67	2, 19	July
83.4	82.6	81.7	80.7	80.0	79.4	78.5	78.4	78.1	82.1	88.9	75.4	98	2	71	30, 31	August
80.9	79.3	78.2	77.0	76.3	75.4	73.9	72.7	72.4	80.4	90.7	70.1	96	12	62	23	September
68.5	65.4	64.5	63.3	62.0	60.6	60.1	58.5	58.2	69.5	84.6	56.3	91	2	48	26, 31	October.
57.2	55.1	53.5	51.6	50.3	48.8	47.7	46.5	45.5	59.0	78.7	42.5	83	1, 3	37	26	November.
50.5	49.0	47.5	46.3	45.6	44.6	43.7	43.2	42.6	51.3	65.9	39.2	74	1, 2	32	24, 27	December.
70.7	68.2	66.6	65.5	64.3	63.4	62.2	61.2	60.3	70.5	83.9	56.8	112	VI	25	I	Year.
50.0	48.8	47.9	47.0	46.6	46.0	45.1	44.5	43.7	51.4	64.5	39.9	72	18, 19	32	3, 4	January.
57.8	55.7	54.2	54.0	52.7	51.6	50.2	49.3	48.8	58.7	73.4	44.8	82	27	34	11	February.
66.6	65.4	65.1	64.5	64.1	62.7	61.2	59.4	59.0	66.9	77.1	56.4	84	22, 27	48	2	March.
73.6	71.5	68.9	67.9	67.1	65.3	63.8	62.4	61.2	73.6	86.8	58.6	95	6 days	48	17	April.
81.7	79.1	77.4	75.3	73.7	72.8	71.8	71.6	69.6	80.3	92.0	66.9	104	30	59	12	May.
95.9	93.6	92.7	91.5	90.0	87.8	86.5	85.6	84.8	95.1	106.6	80.9	112	6	75	29	June.
94.2	93.3	91.3	89.4	87.7	86.0	84.6	83.6	82.3	91.8	103.3	79.8	114	14	70	10	July.
87.3	86.5	85.6	84.9	84.3	83.2	82.2	81.1	80.7	86.0	93.8	78.9	107	1	73	9, 10 18	August.
83.5	82.5	81.5	80.5	79.4	78.6	77.7	76.8	76.3	83.3	93.5	74.2	99	13	67	22	September.
71.2	69.5	68.3	67.4	66.4	65.5	64.5	63.8	63.5	72.5	86.5	61.7	93	2	55	25, 28	October.
59.4	57.9	56.7	55.0	53.8	53.7	52.7	52.7	51.9	61.4	78.7	48.2	84	9	40	30	November.
52.1	51.0	50.1	48.9	48.1	47.3	46.8	46.7	45.7	52.7	65.7	41.7	77	10	35	20	December.
72.8	71.2	70.0	68.9	67.8	66.7	65.6	64.8	64.0	72.8	85.2	61.0	114	VII	32	I	Year.

Table VII.—Mean hourly and extreme dry bulb temperature (°F)

Month/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
KAKUL															
January(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	61.4	60.7	62.2	65.3	69.3	72.5	75.0	76.3	77.0	77.4	76.9	76.0	75.0	73.8	72.0
June	75.2	75.3	77.9	80.6	84.0	87.5	90.0	91.7	92.6	93.1	93.5	93.5	92.7	90.9	86.6
July	71.5	71.1	72.1	74.6	77.4	80.1	81.2	82.4	84.0	85.7	85.9	85.8	85.2	82.2	81.8
August	70.9	71.0	71.1	71.7	73.3	74.5	75.6	76.0	76.4	77.2	77.4	77.7	77.7	77.4	76.0
September	67.1	67.1	67.2	69.1	72.5	75.6	77.9	80.0	80.1	80.3	80.3	80.1	79.0	76.6	73.9
October	57.8	57.6	57.4	60.7	64.5	69.6	72.6	74.1	75.1	75.2	75.1	74.1	71.7	68.5	65.2
November	52.2	51.8	52.7	54.5	60.2	65.2	67.8	70.3	71.3	71.4	71.0	69.1	64.9	61.0	58.2
December	44.8	44.9	44.9	44.9	48.2	51.3	53.9	55.5	56.3	56.8	56.2	54.9	52.6	50.3	48.7
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
KARACHI (Air Port)															
January	55.4	55.2	54.5	55.1	60.7	66.0	70.0	72.2	73.8	74.7	74.8	74.6	73.6	71.5	68.7
February	58.2	57.0	56.7	57.6	65.5	72.0	77.0	80.4	82.2	82.8	82.6	81.8	80.4	77.6	74.2
March	70.1	68.9	68.9	71.2	77.6	83.0	86.5	89.7	90.7	91.0	90.8	89.8	87.9	84.5	80.9
April(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	79.1	78.3	79.3	83.2	87.2	91.4	94.1	96.2	96.5	96.5	95.4	94.4	93.3	91.0	88.0
June	82.8	82.6	83.4	84.9	86.9	88.8	90.0	91.1	91.4	91.5	91.3	91.0	89.9	88.6	86.7
July	82.2	81.8	82.3	83.8	86.0	87.4	88.5	89.1	89.5	89.8	89.1	88.6	87.7	85.5	84.8
August	79.7	79.4	79.9	80.9	82.9	84.5	85.4	86.2	87.1	87.3	86.9	86.3	84.7	84.0	82.7
September	79.5	78.9	79.7	81.1	83.7	86.2	88.1	90.1	90.4	91.2	90.9	89.7	88.5	86.5	84.6
October	70.4	70.7	70.6	74.5	83.0	88.0	91.0	93.7	94.8	94.7	94.0	92.5	90.3	86.6	83.8
November	61.8	61.4	61.4	64.0	73.1	79.9	83.1	85.7	86.7	87.0	86.3	85.1	83.5	80.0	77.6
December	57.4	56.7	56.8	57.8	65.8	71.7	75.8	78.3	79.1	79.4	78.1	78.4	77.4	74.6	72.1
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
JACOBABAD															
January	51.2	50.3	50.0	50.3	54.2	59.9	63.7	65.6	67.2	68.3	68.7	69.2	69.0	67.1	63.7
February	55.7	55.2	54.7	58.9	60.7	66.1	72.1	74.8	77.8	78.9	79.1	79.4	79.7	76.4	72.8
March	68.9	67.8	68.0	69.9	75.0	79.4	83.1	85.2	87.8	89.1	89.5	88.7	90.2	89.0	85.8
April	71.7	71.1	72.0	77.0	82.7	87.4	92.4	94.1	95.7	98.0	98.0	98.3	98.5	96.9	92.2
May	79.6	80.0	81.4	85.3	89.2	92.8	97.3	99.4	100.9	102.4	102.7	103.1	103.3	102.6	99.6
June	87.0	86.0	87.9	89.8	93.7	97.6	100.7	103.1	106.2	109.4	110.1	110.4	111.6	111.1	108.4
July	85.5	85.6	85.6	87.2	89.7	91.5	95.4	97.1	99.8	103.4	104.6	105.0	106.3	105.4	103.9
August	84.9	84.7	85.5	86.1	88.1	90.6	93.1	94.3	95.7	98.5	98.5	97.9	97.7	96.6	94.9
September	82.7	82.8	82.9	85.3	88.0	89.9	93.4	94.4	95.7	98.9	99.0	98.6	98.1	96.1	93.7
October	70.5	70.4	70.3	73.6	77.0	83.2	87.4	89.3	91.3	93.5	93.7	93.7	93.0	89.3	85.2
November	59.1	59.5	59.6	61.5	63.6	72.5	77.7	80.3	82.3	84.7	84.9	84.7	84.0	79.4	75.7
December	54.6	54.4	54.1	54.0	57.3	62.9	66.8	69.6	71.4	73.3	73.5	73.3	73.3	70.5	67.5
Year	70.9	70.7	71.0	73.2	76.6	81.1	85.3	87.3	89.3	91.5	91.9	91.9	92.1	90.0	86.9

(*) Data not available.

at 6 Stations for the year 1955. (Readings at exact hours in G.M.T.)

15	16	17	18	19	20	21	22	23	Mean	Means of Max.	Means of Min.	Extremes High	Extremes Date	Extremes Low	Extremes Date	Month
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	January(*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	February(*).
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	March.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	April(*).
69.6	68.0	66.8	65.5	64.5	63.9	63.0	62.4	61.9	69.0	79.2	53.4	93.0	31	50.8	10	May.
84.4	82.9	81.8	80.4	79.1	77.9	77.1	76.2	75.6	84.2	94.5	72.7	99.0	10, 24, 25	69.5	28	June.
79.0	77.5	76.3	75.3	74.7	73.8	72.6	72.4	72.1	78.1	87.3	69.0	97.5	14, 15	61.0	20, 21	July.
75.0	74.2	73·7	73.0	72.5	72.1	71.8	71.6	71.1	74.1	79.4	69.8	85.0	29	670	14	August
72.3	71.2	70.5	69.9	69.2	68.4	68.3	68.1	67.5	73.0	81.4	65.4	84.5	3	61.7	22	September.
63.7	62.5	61.7	61.0	60.5	59.7	59.3	58.7	58.3	65.2	76.2	56.8	83.0	2	53.5	31	October.
56.9	56.0	55.3	54.6	54.0	53.7	53.4	52.9	52.6	59.6	72.1	51.1	78.5	9	48.0	4 days	November.
48.0	47.3	46.8	46.4	46.1	45.8	45.6	45.3	45.1	49.2	57.2	43.1	70.0	15	35.1	22, 23	December.
																Year.
66.4	64.6	62.8	60.6	59.4	58.2	57.4	57.0	58.8	64.3	76.5	51.4	82	8, 20	46	5 days	January.
71.5	69.3	67.1	65.1	64.1	61.8	61.0	59.4	58.6	69.3	84.1	53.7	94	21	47	1, 11	February.
79.5	77.7	76·1	75.5	73.7	73.1	72.7	71.8	71.0	79.2	91.9	67.0	103	23	57	4 days	March.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	April*
85.9	84.3	83.4	83.1	82.4	81.6	80.9	80.0	79.2	86.9	98.3	77.5	114	18	69	13	May.
85.0	84.4	84.2	84.4	83.7	83.6	83.4	83.1	83.0	86.5	93.1	81.6	97	15	79	3, 4	June.
83.7	83.2	83.1	83.0	82.4	82.2	82.3	82.1	82.1	85.0	91.2	79.8	94	6	77	16	July.
81.8	86.1	81.1	81.2	80.9	80.6	80.3	79.9	79.8	82.9	88.4	78.5	94	3	75	15, 27	August.
83.6	81.9	81.6	81.6	81.3	81.0	80.5	79.7	79.6	87.6	92.4	77.5	104	22	73	8, 30	September.
81.7	79.8	78.5	76.3	74.7	73.6	72.3	71.7	71.1	81.6	96.4	68.1	105	1	60	26, 28	October.
75.6	72.9	70.1	68.5	66.3	65.5	64.5	63.3	62.4	73.6	88.2	59.0	95	3, 4	54	25, 29, 30	November
70.8	67.9	65.5	64.2	62.0	60.6	59.9	59.0	57.8	67.8	80.8	54.6	89	8	45	24	December.
...	...	...	...	...	...	...	...	...	...	...	...	114	V	45	XII	Year.
61.3	59.7	59.4	56.5	54.9	54.6	53.4	52.7	52.0	59.3	70.3	46.9	78	18	41	15	January.
69.2	67.5	65.5	63.9	63.1	60.8	59.2	58.0	56.8	66.9	82.2	51.8	91	25	45	11	Februar·.
81.7	79.3	78.5	76.6	75.8	74.6	73.1	72.1	70.7	79.2	90.8	65.6	103	28	54	1, 2	March.
86.9	83.8	83.7	81.3	80·8	79.0	75.6	74.7	73.8	85.2	99.2	68.7	109	29	59	16, 17	April.
95.0	92.5	91.5	88.2	87.6	86.0	83.8	82.6	81.3	92.0	107.3	77.5	113	30	70	25	May.
103.6	101.4	100.2	97.4	96.0	94.4	91.4	90.2	89.3	99.0	112.5	85.4	119	9	79	1	June.
100.7	99.4	98.4	95.5	94.4	92.6	88.7	87.5	86.9	95.4	106.8	84.4	113	2	81	24	July.
92.9	92.0	91.4	90.0	89.6	88.9	87.3	86.6	86.1	91.3	100.6	83.6	107	4	78	13, 22	August.
91.0	90.1	89.6	87.9	87.3	86.2	84.8	84.0	83.7	90.2	100.5	81.6	107	2	75	29	September.
81.6	80.1	79.1	76.7	75.7	74.5	72.7	72.1	71.7	81.1	95.4	68.0	103	4	59	28	October.
71.9	70.1	68.5	66.1	64.8	63.2	61.6	60.7	60.5	70.7	86.9	54.9	93	1	51	30	November.
64.0	62.2	61.5	59.7	58.8	57.6	56.1	55.7	55.5	62.8	75.6	51.3	83	12	43	24, 26	December.
83.3	81.5	81.4	78.3	77.4	76.0	74.0	73.1	72.4	81.1	94.0	68.3	119	VI	41	I	Year.

Table VIII.—Mean hourly and extreme Relative Humidity

Month/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
															LAHORE (Jail Road)
January	90	90	90	90	72	92	54	48	45	42	42	44	50	64	71
February	96	96	92	79	53	53	39	53	33	31	31	31	4	44	56
March	74	76	74	64	53	48	41	38	34	32	31	33	35	38	50
April	62	61	58	43	31	27	24	23	20	19	19	20	21	26	37
May	60	59	59	47	42	37	31	29	25	24	23	26	28	32	39
June	58	55	50	46	40	36	32	28	26	24	24	23	24	27	38
July	75	76	76	67	60	55	51	48	43	43	42	40	41	42	48
August	89	89	90	85	47	73	66	63	63	63	63	63	67	73	78
September	93	93	91	78	65	60	59	59	55	55	56	59	61	65	70
October	94	94	95	85	65	58	55	52	48	45	44	45	58	70	80
November	93	92	89	78	45	38	40	39	36	31	29	31	54	71	81
December	96	93	90	89	74	63	57	54	51	47	46	49	63	76	85
Year	82	81	79	21	56	51	46	43	40	38	37	39	45	52	61
															CHAKLALA
January	77	75	76	74	64	52	44	39	36	34	33	34	36	42	45
February	76	78	76	72	56	44	40	38	34	30	27	28	33	39	45
March	76	75	77	74	67	54	47	41	38	38	39	40	40	45	49
April	55	54	53	43	36	30	25	24	23	20	21	21	20	22	27
May	61	62	52	41	34	30	29	30	27	25	23	23	24	24	32
June	37	37	35	28	24	21	17	18	17	15	13	14	15	19	20
July	66	68	60	55	49	43	39	36	35	33	32	32	33	36	39
August	88	83	83	83	83	81	74	68	64	64	64	63	64	66	70
September	86	85	83	76	68	63	58	54	50	48	45	45	48	54	61
October	82	81	73	70	52	43	39	38	36	31	30	29	32	38	43
November	70	67	67	64	45	32	28	26	24	20	18	19	27	35	42
December	86	88	89	86	76	57	49	45	41	38	38	41	47	58	64
Year	72	71	69	64	55	46	41	38	35	33	32	32	35	40	45
															PESHAWAR
January	76	75	76	73	56	54	50	47	46	44	42	47	56	65	71
February	64	67	67	*	*	42	34	30	30	31	33	34	35	40	46
March	75	80	78	73	67	55	46	38	33	34	34	36	40	48	59
April	45	43	39	35	28	23	20	18	17	15	12	13	16	19	24
May	63	62	51	45	41	33	30	29	27	26	27	27	31	33	34
June(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July(*)	...	...	...	...	...	...	...	...	...	...	...	...	...		
August(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
September(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
October(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
November	52	53	53	50	42	40	35	32	28	26	28	29	40	50	53
December	68	66	67	68	65	59	51	45	42	39	40	42	52	62	67
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

*Data not available.

at 6 Stations for the year 1955. (Readings at exact hours in G.M.T.)

15	16	17	18	19	20	21	22	23	Mean	Means of Max.	Means of Min.	Extremes High	Extremes Date	Extremes Low	Extremes Date	Month
78	80	83	81	83	84	88	91	92	71	94	40	98	28	19	19	January.
65	69	73	74	75	77	76	79	89	62	96	28	99	19	16	12	February.
60	64	64	65	66	67	68	70	71	55	82	30	94	5	15	21, 28	March.
45	49	50	50	52	51	54	55	59	40	72	18	88	11	8	6, 22	April.
47	53	54	55	55	56	57	58	57	44	68	18	98	25	8	31	May.
45	49	51	47	46	47	53	52	56	41	64	21	81	27	9	1	June.
56	61	65	65	67	69	71	74	73	59	81	40	94	19, 20	17	12	July.
79	79	82	85	89	91	89	88	88	78	91	57	93	4 days	31	2	August.
77	81	87	85	86	87	86	85	88	74	94	50	98	8, 16	32	23	September.
85	89	91	92	93	93	94	93	94	76	95	42	100	30	20	25	October.
85	87	87	87	89	89	90	90	92	69	95	26	99	4, 15	22	4 days	November.
87	90	89	89	86	87	92	96	97	77	97	45	99	3	29	1	December.
67	71	73	73	74	75	77	78	80	62	86	35	100	VIII	8	IV, V	Year.
51	59	66	69	73	75	73	73	75	57	81	32	100	7 days	15	5, 27	January.
49	51	54	60	65	69	69	71	74	53	78	27	100	3, 4, 28	19	20	February.
54	61	64	67	69	69	70	73	75	58	85	34	100	10 days	14	26	March.
33	37	41	44	48	52	52	53	54	37	62	18	91	29, 30	6	2, 4, 5	April
35	40	41	42	44	46	51	59	61	39	69	20	100	7 days	3	19,30,31	May
22	24	25	29	32	35	35	34	34	25	44	11	93	30	1	15	June
43	46	50	55	57	57	57	58	61	47	76	29	100	28	6	11	July.
74	77	80	81	80	82	85	89	90	77	92	60	100	18 days	37	2, 31	August.
67	72	76	76	77	80	84	83	87	68	93	43	100	7 days	20	22	September.
57	65	68	71	73	73	78	79	81	57	85	27	100	6 days	13	26	October.
48	53	58	61	64	66	68	70	69	48	70	17	84	30	8	15	November.
67	70	74	78	82	83	81	80	82	67	89	36	100	23 days	16	19 25	December.
50	55	58	61	64	66	67	69	70	53	77	29	100	9 months	1	VI	Year
73	73	73	72	71	71	72	74	75	64	78	42	100	5 days	14	14, 15	January.
52	52	55	52	52	54	58	62	62	..	71	30	100	1	6	10	February.
60	61	57	58	60	62	68	73	75	57	87	32	89	4 days	8	31	March.
28	30	32	33	35	36	38	44	45	59	48	08	90	11	1	4 days	April.
39	42	45	48	51	53	56	54	61	42	63	22	100	8 days	2	20, 27	May.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	June.*
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	July.*
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	August.*
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	September *
...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	October.*
52	51	50	49	49	49	48	49	49	44	59	25	100	6, 7	6	9	November.
67	66	65	64	64	64	66	66	66	59	76	36	94	6, 13	9	24 25	December.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Year.

* Data not available.

Table VIII.—Mean hourly and extreme Relative Humidity %

Month/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
															KAKUL
January(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April(*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	62	63	63	59	55	50	47	44	43	43	42	44	45	46	47
June	39	39	39	36	36	34	31	29	28	27	27	26	26	26	26
July	64	65	65	61	56	53	51	49	47	44	43	41	42	45	49
August	89	89	89	87	83	81	78	78	75	75	75	75	75	75	80
September	76	75	76	75	69	62	58	55	55	55	54	54	55	60	67
October	54	56	56	55	51	44	40	38	38	38	38	38	41	44	49
November	34	33	33	33	32	28	26	25	24	24	23	24	27	30	32
December	60	59	58	58	56	53	49	47	46	45	45	46	50	53	56
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
														KARACHI (Airport)	
January	65	64	65	65	61	53	48	41	35	30	31	34	40	43	46
February	67	70	68	63	54	41	31	27	22	20	19	26	34	38	44
March	80	79	78	74	62	49	40	34	34	34	36	37	41	46	57
April	71	71	66	61	51	36	33	32	34	35	35	38	40	45	50
May	78	77	74	66	55	44	38	36	37	40	43	45	45	48	53
June	81	81	79	75	67	61	58	57	56	57	58	60	62	65	67
July	82	82	81	76	67	58	55	57	58	60	61	63	66	69	73
August	89	90	88	85	81	76	69	69	68	67	70	71	73	78	80
September	87	88	86	80	69	59	54	51	49	50	51	54	57	63	67
October	71	71	71	63	50	38	30	26	25	27	29	32	39	46	53
November	72	72	70	65	49	37	30	26	27	30	33	38	40	50	55
December	72	73	72	70	60	46	41	38	36	35	35	37	39	45	50
Year	76	77	75	70	63	50	44	41	40	40	42	45	48	53	58
														JACOBABAD	
January	79	82	81	78	73	67	60	56	58	58	57	57	59	61	63
February	67	68	68	67	57	50	50	45	41	45	45	44	49	50	52
March	55	57	56	54	42	38	33	32	29	27	26	26	29	30	32
April	38	39	37	33	23	17	17	16	15	16	15	16	16	16	19
May	48	51	52	46	34	34	32	30	28	28	27	24	26	26	27
June	65	67	67	61	51	45	38	34	29	27	26	25	26	25	27
July	66	67	67	63	60	53	48	46	41	37	35	33	31	29	31
August	73	73	73	70	66	59	53	52	48	44	44	47	49	48	51
September	75	74	74	68	63	57	52	50	46	41	40	40	39	43	48
October	60	61	61	53	46	38	31	28	26	22	24	26	23	26	32
November	65	63	64	63	52	43	37	34	32	29	29	32	31	35	41
December	77	76	77	77	73	64	55	54	52	47	48	48	45	47	52
Year	64	65	65	61	53	47	42	40	37	35	35	35	35	36	40

(*) Data not available.

at 6 Stations for the year 1955. (Readings a' exact hours in G.M.T.)

15	16	17	18	19	20	21	22	23	Mean	Means of Max.	Means of Min.	Extremes High	Extremes Date	Extremes Low	Extremes Date	Month
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	January.*
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	February.*
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	March.*
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	April.*
51	52	54	55	57	58	59	60	61	53	69	39	100	9, 10, 11	21	22, 31	May.
29	31	32	33	34	35	36	37	38	32	43	24	57	13, 28, 30	12	24	June.
52	55	57	59	60	61	63	63	64	55	71	40	98	19	19	11	July.
82	83	85	86	87	87	87	88	89	82	93	71	100	11, 13, 14	50	31	August.
71	73	73	74	73	74	75	75	75	67	80	52	95	3, 13	38	23	September.
51	53	53	53	53	54	54	54	54	48	59	36	95	10	22	31	October.
33	34	34	34	34	34	34	34	34	31	37	23	69	6	18	21, 26	November.
58	59	60	61	61	61	60	60	60	55	64	45	95	14, 15, 30	23	1	December.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Year.
49	50	52	57	59	60	61	62	63	51	71	30	92	24	04	29	January.
49	53	57	62	67	67	64	65	64	49	76	16	88	18	04	9	February.
60	66	69	74	76	75	74	75	76	59	82	29	100	1, 2	10	3	March.
55	59	63	66	69	69	66	66	68	53	78	31	100	4	0	14-16	April.
61	65	70	72	73	72	72	72	74	59	83	32	91	1, 2	04	22	May.
71	47	76	78	80	80	79	79	79	70	81	54	86	2	39	1	June.
77	78	78	78	79	80	81	82	83	73	84	55	90	31	44	14	July.
83	84	83	84	82	81	85	84	86	79	90	66	94	14	49	3	August.
71	75	78	80	83	84	83	84	87	70	88	43	99	9, 29	08	30	September.
58	60	66	68	67	69	69	71	72	53	81	23	92	5, 6	05	28	October.
55	58	62	64	67	68	66	69	72	53	78	25	100	18	0	3	November.
55	56	58	59	60	62	66	71	72	55	77	32	94	16	10	27	December.
62	65	68	70	72	72	72	73	75	60	81	36	100	III, IV, IX	0	IV, IX	Year.
67	68	69	72	76	75	71	72	80	68	84	54	96	14 days	19	31	January.
52	54	55	58	59	62	62	63	66	55	74	37	91	21 days	17	17	February.
39	43	44	46	47	52	47	51	53	41	68	24	89	10	7	5 days	March.
23	26	27	29	28	28	29	32	36	25	46	13	73	8	0	9 days	April.
32	36	40	40	42	43	43	45	48	37	60	20	92	24	6	5 days	May.
34	37	42	47	52	57	55	60	68	44	77	19	87	9 days	6	3 days	June.
37	41	45	47	50	53	57	61	64	48	69	28	86	9	11	23	July.
54	57	61	60	61	64	67	71	71	59	75	40	87	2 days	22	4	August.
53	55	59	64	65	66	68	69	71	57	76	37	83	2 days	16	28	September.
37	40	42	48	52	53	55	57	59	42	65	22	75	1	7	20	October.
48	52	55	61	67	66	64	64	64	50	66	29	82	26	16	5	November.
60	65	67	68	69	69	70	72	76	63	80	43	92	22	25	21	December.
45	48	51	53	56	57	57	60	63	49	70	31	96	I	0	IV	Year.

* Data not available.

Table IX.—Total hourly rainfall and the Maximum rainfall in one hour (in inches)

Month/Hour	23—00	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
LAHORE (P.B.O.)														
January	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00
February	0.00	0.03	0.01	0.01	0.00	0.00	0.02	0.02	0.00	0.11	0.00	0.05	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.19	0.11
April	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.02	0.00	0.10	0.00	0.00	0.18
June	0.10	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July	0.00	0.28	0.75	0.17	0.39	0.56	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August	0.00	0.00	0.01	0.09	0.09	0.10	0.04	0.34	0.47	0.43	0.00	0.19	0.19	0.16
September	0.04	0.05	0.68	4.50	1.80	0.33	0.35	0.97	0.14	0.03	0.06	0.09	0.45	0.00
October	0.12	0.04	0. 31	0.23	0·46	0.31	0.71	0.13	0,01	0.00	0.00	.0.00	0.01	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.01
Year	0.40	0.55	1.77	5.00	2.74	1.30	1.87	1.50	0.64	0.59	0.17	0.38	0.85	0.46
PESHAWAR														
January	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0·00	0.00	0.00	0.00	0.00
March	0.02	0.04	0.08	0.03	0.00	0.00	0.02	0.00	0.00	0.08	0.08	0.00	0.03	0.05
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	0.00	0.00	0.00
May	0.00	0.01	0.00	0.02	0.03	0.01	0.03	0.00	0.00	0.00	0.04	0.01	0.03	0.16
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0·01	0.00	0.07	0.00	0.03
August	0.08	0.00	0.18	0.28	1.29	0.08	0.11	0.01	0.08	0.00	0.29	0.01	0.02	0.00
September	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34
November	0.00	0.00	0.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.01	0.00	0.01	0.00
December	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Year	0.12	0.05	0.33	0.33	1.34	0.20	0.18	0.03	0.23	0.06	0.42	0.09	0.10	0.58
KAKUL														
January	0.03	0.01	0.01	0.00	0.05	0.00	0.01	0.01	0.01	0.05	0.05	0.01	0.01	0.00
February	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.09	0.23	0.22	0.31	0.37	0.31	0.34	0.12	0.00	0.05	0.10	0.17	0.14	0.08
April	0.00	0.00	0.00	0.00	0.09	0.30	0.02	0.02	0.06	0.21	0.31	0.31	0.06	0.03
May	0.00	0.00	0.60	0.00	0.00	0.02	0.02	0.07	0.29	0.18	0.12	0.17	0.49	0.45
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July	0.40	0.19	0.13	0.01	0.20	1.01	0.73	0.56	0.06	0.00	0.56	0.04	0.81	0.18
August	1.08	0.53	0.54	1.45	1.02	1.26	1.66	0.84	1.13	0.98	0.69	0.23	0.19	0.25
September	0.17	0.00	0.24	0.50	0.01	0.00	0.00	0.02	0.03	0.29	0.05	0.01	0.00	0.24
October	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.05	0.12	0.03	0.04	0.03	0.01
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.04	0.04	0.03	0.03	0.08	0.07	0.04	0.08	0.15	0.36	0.12	0.17	0.08	0.14
Year	1.85	1.00	1.17	2.30	1.82	3.00	2.83	1.72	1.78	2.24	2.03	1.15	1.81	1.35

at 7 Stations for the year 1955. (Totals for full hours in G.M.T.)

13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	Total 0—24	Maximum in one hour			Month
											Amount	Date	Time	
0.00	0·00	0.00	0.00	0.04	0.44	0.07	0.00	0.00	0.00	0.60	0.44	24	18—19	January.
0.00	0.00	0.08	0.16	0.05	0.00	0.07	0.35	0.04	0.00	1.00	0.35	28	20—21	February.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.14	1	11—12	March.
0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.17	0.05	0.00	0.43	0.17	11	20—21	April.
0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.42	0.18	25	12—13	May.
0.00	0.00	0.00	0.00	0.24	0.25	0.06	0.00	0.00	0.00	0.77	0.25	27	18—19	June.
0.00	0.00	0.16	0.05	0.00	0.00	0.00	0.00	0.00	0.00	3.11	0.75	20	01—02	July.
032	0·17	0.08	0.01	0.00	0.00	0.00	0.00	0.06	0.08	2.83	0.42	13	08—09	August.
0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.49	0.00	0.00	10.04	4.50	8	02—03	September.
0.00	0.00	0.00	0.03	0.00	0.00	0.05	0.16	0.25	0.16	2.98	0.63	1	05—06	October.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	...	November.
0.00	0.03	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.22	0.04	14, 21 and 30	16—17 11—12 23—00	December.
0.32	0.20	0.35	0.29	0.33	0.69	0.48	1.17	0.40	0.25	22.70	4.50	IX	02—03	Year.
0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.02	23	03—04	January.
0.13	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.00	0.00	0.08	0.08	24	06—07 20—21	February.
0.00	0.22	0.01	0.02	0.00	0.18	0.00	0.04	0.00	0.07	0.98	0.13	8	13—14	March
0.06	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04	12	08—09	April.
0.00	0.00	0.21	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.21	25	15—16	May.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	June.
0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.24	0.13	9	07—08	July.
0.00	0.00	0.00	0.00	0.01	0.11	0.00	0.18	0.28	0.13	3.82	0.68	18	19—20	August.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07	10	01—02	September.
0.00	0.00	0.00	0.00	0.00	0.00	000	0.00	0·00	0.00	0.34	0.34	9	12—13	October.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.10	6	04—05	November.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.02	13	23—00	December.
0.19	0.27	0.22	0.09	0.01	0.29	0.74	0.30	0.34	0.20	6.71	0.68	VIII	19—20	Year.
0.00	0.02	0.01	0.02	0.01	0.04	0.06	0.12	0.11	0.03	0.67	0.12	30	20—21	January.
0.00	0.00	0.00	00.0	0.00	0.06	0.01	0.09	0.06	0.03	0.29	0.09	28	20—21	February.
0.02	0.10	0.19	0.14	0.47	0.32	0.42	0.32	0.27	0.07	4.85	0.33	15	20—21	March.
0.20	0.00	0.00	0.00	0.08	0.22	0.27	0.18	0.20	0.03	2.59	0.28	12	4—5	April.
0.19	0.49	0.03	0.01	0.43	0.12	0.08	0.22	0.00	0.03	3.41	0.44	9	14—15	May.
0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.15	28	13—14	June.
1.08	0.18	0.02	0.00	0.45	0.37	1.77	0.29	0.55	0.47	10.03	0.84	2	19—20	July.
0.02	0.00	0.44	0.02	0.17	0.20	0.53	0.27	0.36	0.44	14.30	1.08	6	02—03	August.
0.00	0.00	0.00	0.00	0.02	0.04	1·00	0.20	0.02	1.18	4.02	1.06	3	22—23	September.
0.00	0.15	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.15	9	14—15	October.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	November.
0.07	0.09	0.15	0.11	0.06	0.11	0.04	0.03	0.04	0.06	2.18	0.11	30	10—11	December.
1.73	1.03	0.91	0.31	1.69	1·48	4.18	1.72	1.61	2.33	43.04	1.08	VIII	02—03	Year.

Tabl IX.—Total hourly rainfall and the Maximum rainfall in one hour (in inches)

Month/Hour	23—00	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
QUETTA (Samungli)														
January	0.14	0.10	0.13	0.06	0.06	0.10	0.11	0.03	0.05	0.15	0.02	0.01	0.01	0.03
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.04	0.02
March	0.00	0.02	0.02	0.01	0.04	0.07	0.04	0.04	0.06	0.05	0.27	0.10	0.10	0.11
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
May	0.00	0.02	0.02	0.00	0.05	0.10	0.05	0.02	0.02	0.08	0.02	0.00	0.00	0.00
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.63	0.00	0.00	0.05	1.12
September	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.12	0.00	0.00	0.00	0.04	0.10	0.07	0.17	0.08	0.05	0.04	0.15	0.47	0.05
Year	0.26	0.14	0.17	0.07	0.19	0.37	0.27	0.26	0.26	0.96	0.37	0.28	0.67	1.38
KARACHI (Air port)														
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August	0.03	0.00	0.01	0.01	0.01	0.01	0.01	0.11	0.00	0.03	0.08	0.14	0.02	0.01
September	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.10	0.00	0.40	0.04	0.00
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Year	0.03	0.00	0.01	0.01	0.01	0.01	0.01	0.11	0.09	0.13	0.77	0.54	0.09	0.01
KARACHI (Manripur)														
January	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June(*)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August	0.01	0.01	0.10	0.01	0.04	0.02	0.01	0.01	0.12	0.02	0.02	0.15	0.04	0.00
September	0.02	0.00	0.00	0.06	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.05	0.04	0.09	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(*) Started from June 1955.

at 7 Stations for the year 1955. (Total for full hours in G.M.T.)

13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	Total 0—24	Maximum in one hour			Month
											Amount	Date	Time	
0.06	0.05	0.08	0.10	0.05	0.12	0.09	0.04	0.04	0.07	1.70	0.12	20	08—09	January.
0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.04	3	11—12	February.
0.05	0.12	0.01	0.00	0.12	0.23	0.08	0.00	0.00	0.00	1.54	0.20	11	09—10	March.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	26	12—13	April.
0.05	0.02	0.01	0.00	0.03	0.02	0.00	0.05	0.00	0.00	0.56	0.10	8	04—05	May.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	June.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	July.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.85	1.12	11	12—13	August.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	September.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	October.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	November.
0.04	0.04	0.06	0.00	0.00	0.00	0.02	0.02	0.05	0.13	1.70	0.45	13	11—12	December
0.21	0.24	0.16	0.10	0.20	0.37	0.19	0.11	0.09	0.20	7.52	1.12	VIII	12—13	Year.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	January.
0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	28	13—14	February.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	March.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	April.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	May.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	29	11—12	June.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	July.
0.00	0.03	0.00	0.00	0.00	0.00	0.14	0.16	0.08	0.10	0.98	0.16	12	20—21	August.
0.02	0.00	0.07	0.10	0.04	0.00	0.00	0.00	0.00	0.00	1.55	0.69	7	09—10	September.
0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	11	13—14	October.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	November
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.04	0.07	0.04	13	22—23	December.
0.06	0.03	0.07	0.10	0.04	0.00	0.14	0.18	0.09	0.14	2.67	0.69	IX	09—10	Year.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	January.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	February.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	March.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	April.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	May.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	June.*
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	..	...	July.
0.24	0.07	0.71	0.02	0.00	0.00	0.01	0.00	0.00	0.00	1.61	0.54	21	15—16	August.
1.56	0.14	0.73	0.06	0.00	0.00	0.37	0.19	0.00	0.00	3.20	1.56	7	13—14	September.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	October.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	November.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.32	0.09	14	01—02	December.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	Year.

* Started from June 1955.

Table IX.—Total hourly rainfall and the Maximum rainfall in one hour (in inches)

Month/Hour	23—00	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
													JACOBABAD	
January	0.01	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.01	0.00
February	0.01	0.04	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.30	0.25
March	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.14	0.00	0.02	0.08	0.07	0.03
September	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Year	0.02	0.04	0.07	0.18	0.00	0.00	0.01	0.00	0.17	0.09	0.02	0.09	0.38	0.77

at 7 Stations for the year 1955. (Totals for full hours in G.M.T.)

13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	Total 0—24	Maximum in one hour			Month
											Amount	Date	Time	
0.01	0.03	0.00	0.02	0.03	0.13	0.05	0.04	0.02	0.01	0.43	0.13	20	18—19	January.
0.13	0.01	0.04	0.00	0.05	0.04	0.03	0.02	0.02	0.09	1.19	0.30	28	11—12	February.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.02	9	20—21	March.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	April.
0.00	0.24	0.02	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.49	24	12—13	May.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	June.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	July.
0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.14	21	07—08	August.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	September.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	October.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	November.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	...	...	December.
0.15	0.28	0.06	0.08	0.08	0.17	0.08	0.08	0.04	0.10	2.93	0.49	V	12—13	Year.

Table IX-A.—Frequency of hourly rainfall intensity—greater than ½"—at 7 Stations for the year 1955

Rainfall (Inches) / Month	0.50-0.74	0.75-0.99	1.00-1.24	1.25-1.49	1.50-1.74	1.75-1.99	2.00-2.49	2.50-2.99	3.00-3.49	3.50-3.99	4.00-4.49	4.50-4.99	> 5.00
LAHORE (Jail Road)													
Jan.	4	1	...	...	...	...	...	...	...	...	...	...	...
Feb.	...	...	...	...	...	...	...	...	...	...	...	...	...
Mar.	2	...	...	...	...	...	...	...	...	...	...	...	...
April	1	2	...	...	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...	...	...	...	...
June	1	2	0	1	...	...	...	...	...	...	...	...	...
July	...	...	...	3	1	...	...	...	...	...	...	...	...
Aug.	6	...	...	1	...	...	...	...	...	...	...	...	...
Sep.	4	...	2	2	2	...	1	...	2	...	1	...	1
Oct.	3	2	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	21	7	2	7	3	...	1	...		...	1	...	1
PESHAWAR													
Jan.	...	...	...	...	...	...	...	...	...	...	...	...	...
Feb.	1	...	...	...	...	...	...	...	...	...	...	...	...
Mar.	1	...	...	1	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	...
May	2	...	...	...	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...	...	...	...	...
July	1	...	...	...	...	...	...	...	...	...	...	...	...
Aug.	7	3	1	1	1	...	2	1	1	...	...	...	...
Sep.	1	...	...	...	...	...	...	...	...	...	...	...	...
Oct.	...	1	...	...	...	...	1	...	...	...	...	...	...
Nov.	...	...	1	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	13		2	2	1	...	3	1	1	...	...	...	...
KAKUL													
Jan.	...	...	...	...	...	...	...	...	...	...	...	...	...
Feb.	...	...		...	...	...	...	...	...	...	...	...	...
Mar.	4	3	1	...	...	...	...	...	...	...	...	...	...
April	4	...	1	...	...	...	...	...	...	...	...	...	...
May	7	5	...	...	...	1	...	...	...	...	...	...	...
June	...	1	...	...	...	...	...	...	...	...	...	...	...
July	15	5	3	4	...	2	1	...	...	...	...	...	...
Aug.	22	9	1	3	2	1	1	...	...	...	...	...	...
Sept.	2	1	1	1	...	...	...	...	...	...	...	...	...
Oct.	3	...	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	57	24	7	8	2	4	2	...	...	...	...	...	...
QUETTA (Samungli)													
Jan.	2	...	...	...	...	...	...	...	...	...	...	...	...
Feb	...	...	...	...	...	...	...	...	...	...	...	...	...
Mar.	2	...	...	1	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	...
May	1	...	...	...	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...	...	...
Aug.	1	...	...	...	1	...	1	...	...	...	...	...	...
Sept.	...	...	...	...	...	...	...	...	...	...	...	...	...
Oct.	...	...	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	2	...	...	...	...	...	...	...	...	...	...	...	...
Year	8	...	...	1	1	...	1	...	...	...	...	...	...

Rainfall (Inches) / Month	0.50-0.74	0.75-0.99	1.00-1.24	1.25-1.49	1.50-1.74	1.75-1.99	2.00-2.49	2.50-2.99	3.00-3.49	3.50-3.99	4.00-4.49	4.50-4.99	> 5.00
KARACHI (Air Port)													
Jan.	...	...	...	...	...	...	...	...	...	...	...	...	...
Feb.	...	...	...	...	...	...	...	...	...	...	...	...	...
Mar.	...	...	...	...	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...	...	...
Aug.	3	...	...	...	...	...	...	...	...	...	...	...	...
Sept.	...	1	...	...	...	...	...	...	...	...	...	...	...
Oct.	...	...	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	3	1	...	...	...	...	...	...	...	...	...	...	...
KARACHI (Mauripur)													
Jan.													
Feb.													
Mar.													
April													
May													
June*	...	...	...	...	...	...	...	...	...	...	...	...	...
July.	...	...	...	...	...	...	...	...	...	...	...	...	...
Aug.	7	...	...	...	...	...	...	...	...	...	...	...	...
Sep.	1	3	...	...	...	2	...	...	...	...	...	...	...
Oct.	...	...	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	8	3	...	...	...	2	...	...	...	...	...	...	...
JACOBABAD													
Jan.	...	...	...	...	...	...	...	...	...	...	...	...	...
Feb.	3	1	...	...	...	...	...	...	...	...	...	...	...
Mar.	...	...	...	...	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	...
May	1	...	...	...	...	...	1	1	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...	...	...
Aug	2	...	...	...	...	...	...	...	...	...	...	...	...
Sep.	...	...	...	...	...	...	...	...	...	...	...	...	...
Oct.	...	...	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	6	1	...	...	...	...	1	1	...	...	...	...	...

* Started from June 1955.

Table IX-B.—Frequency of rainfall (amounts in inches) in five minutes (intensity greater than ½″ per hour) at 7 Stations for the year 1955.

Rainfall (Cents) Month	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	>40
LAHORE													
Jan.	5	1	1	...	...	...	...	...	...	...	...	...	...
Feb.	...	...	...	...	...	...	...	...	...	...	...	...	...
Mar.	2	...	...	...	...	...	...	...	...	...	...	...	...
April	1	2	...	...	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...	...	...	...	...
June	4	1	2	...	1	...	...	...	...	...	...	...	...
July	...	...	3	1	...	...	...	...	...	...	...	...	...
Aug.	9	1	1	1	...	...	...	...	...	...	...	...	...
Sept.	6	1	4	5	2	3	1	7	1	...	...	1	5
Oct.	3	2	...	...	...	...	...	...	1	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	30	8	11	7	3	3	1	7	2	...	...	1	5
PESHAWAR													
Jan.	...	...	...	...	...	...	...	...	...	...	...	...	...
Feb.	1	...	...	...	...	...	...	...	...	...	...	...	...
Mar.	1	...	1	...	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	...
May	2	...	...	...	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...	...	...	...	...
July	1	1	...	...	...	...	...	...	...	...	...	...	...
Aug.	8	3	2	1	1	1	1	1	...	...	...	...	...
Sept.	1	...	...	...	...	...	...	...	...	...	...	...	...
Oct.	...	1	...	...	1	...	...	...	...	...	...	...	...
Nov.	...	...	1	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	14	5	4	1	2	1	1	1	...	...	...	...	...
KAKUL													
Jan.	...	...	...	...	...	...	...	...	...	...	...	...	...
Feb.	...	...	...	...	...	...	...	...	...	...	...	...	...
Mar	7	2	2	...	...	...	...	...	...	...	...	...	...
April	6	...	...	...	...	...	1	...	...	...	...	...	...
May	13	6	1	...	...	...	...	1	...	...	...	...	...
June	...	1	...	...	...	...	...	...	...	...	...	...	...
July	39	18	6	7	9	1	1	1	...	...	...	...	...
Aug.	40	20	12	...	3	5	1	1	...	...	1	...	...
Sept.	4	2	2	2	...	...	...	...	...	...	...	...	...
Oct.	3	...	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	112	49	23	9	12	7	2	3	...	...	1	...	...
QUETTA (SAMUNGLI)													
Jan.	4	...	...	...	...	...	...	...	...	...	...	...	...
Feb.	...	...	...	...	...	...	...	...	...	...	...	...	...
Mar.	7	...	2	...	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	...
May	2	...	...	...	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...	...	...
Aug.	3	...	3	2	...	2	...	2	...	...	...	...	...
Sept.	...	...	...	...	...	...	...	...	...	...	...	...	...
Oct.	...	...	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	10	...	...		...	...	...	...	...	...	...	...	...
Year	26	...	5	2	...	2	...	2	...	...	...	...	...

Rainfall (Cents) Month	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	>40
KARACHI (Air Port)													
Jan.	...	...	...	...	...	...	...	...	...	...	...	...	...
Feb.	...	...	...	...	...	...	...	...	...	...	...	...	...
Mar.	...	...	...	...	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...	...	...
Aug.	4	...	...	...	...	...	...	...	...	...	...	...	...
Sept.	5	2	...	...	...	...	...	1	...	...	...	...	...
Oct.	...	...	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	9	2	...	...	...	...	...	1	...	...	...	...	...
KARACHI (Maurfpur)													
Jan.													
Feb.													
Mar.													
April													
May													
June*	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...	...	...
Aug.	15	3	...	...	...	...	...	...	...	...	...	...	...
Sept.	7	5	1	2	4	...	2	...	1	1	...	...	...
Oct.	...	...	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	1	...	...	...	...	...	...	...	...	...	...	...	...
Year	...	...	...	...	...	...	...	...	...	...	...	...	...
JACOBABAD													
Jan.	...	...	...	...	...	...	...	...	...	...	...	...	...
Feb.	4	...	1	...	...	...	...	...	...	...	...	...	...
Mar.	...	...	...	...	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	...
May	1	...	...	...	...	2	1	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...	...	...
Aug.	4	1	...	...	...	...	...	...	...	...	...	...	...
Sept.	...	...	...	...	...	...	...	...	...	...	...	...	...
Oct.	...	...	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	9	1	1	...	...	2	1	...	...	...	...	...	...

* Started from June 1955.

Table X.—Mean hourly and extreme velocities (knots)

Month/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
														LAHORE (Jail Road) Height 64 ft.	
January	2.6	2.4	2.0	1.6	1.4	1.7	2.2	3.5	3.9	3.5	3.7	3.0	2.0	1.2	0.9
February	1.7	1.4	1.4	1.2	1.5	2.5	2.7	3.5	3.2	4.9	5.1	4.0	2.3	0.6	0.5
March	2.2	2.1	2.8	2.7	2.3	3.1	3.4	4.1	4.2	4.0	4.0	3.6	2.3	0.7	0.6
April	2.7	2.9	2.7	2.6	3.5	3.4	3.5	4.4	4.6	4.3	4.5	3.6	3.1	1.9	1.9
May	34	3.0	2.4	2.8	2.6	2.3	2.7	3.4	3.0	3.3	3.8	2.8	2.7	1.8	1.2
June	2.8	2.4	2.7	3.2	4.0	3.2	2.7	3.2	2.7	3.0	2.8	2.8	2.7	1.3	1.1
July	4.2	4.2	5.0	5.6	5.9	5.7	5.3	4.6	5.0	4.6	5.4	4.7	3.7	2.7	2.4
Augus	4.4	4.9	4.6	5.4	5.3	4.8	5.1	5.2	5.0	5.1	4.6	3.7	3.2	3.4	2.7
September	3.0	2.8	2.8	3.1	3.3	3.2	3.9	3.5	2.7	3.5	2.7	2.2	2.2	1.6	1.0
October	2.8	3.0	3.3	3.0	3.3	3.4	4.0	4.2	4.2	3.8	2.8	1.9	1.0	1.0	1.3
November	1.8	1.4	1.8	1.9	1.8	2.5	2.5	2.8	2.9	3.1	2.2	1.0	0.3	0.0	0.1
December	3.3	3.1	3.0	3.2	3.1	3.5	3.3	4.2	4.3	4.0	3.6	2.7	2.1	2.0	1.8
Year	2.9	2.8	2.9	3.0	3.2	3.3	3.4	3.9	3.8	3.9	3.8	3.0	2.3	1.5	1.3
														PESHAWAR Height 46 ft.	
January	2.1	3.1	2.9	3.1	2.7	1.7	0.8	1.0	1.6	1.6	1.6	1.6	1.7	1.1	1.4
February...	3.3	3.1	2.7	2.9	3.7	1.6	1.2	2.1	1.7	2.1	2.3	2.5	1.8	1.6	1.8
March	2.0	2.4	1.5	1.8	1.5	1.5	1.7	3.2	2.9	3.3	3.1	4.0	3.7	2.3	1.1
April	1.7	2.6	2.9	2.0	1.8	2.3	2.6	4.5	4.6	5.7	5.2	3.7	2.9	4.0	4.5
May	3.2	2.7	2.9	3.5	2.6	3.5	4.7	4.9	5.3	5.4	5.6	5.5	6.1	7.8	6.6
June	3.5	3.5	2.9	4.7	4.8	5.5	5.4	5.8	4.4	5.1	6.5	6.6	5.3	5.2	3.7
July	2.5	2.8	3.5	3.7	3.5	3.1	3.5	4.4	6.3	5.7	6.1	6.1	3.7	2.5	3.5
August	3.2	3.7	2.9	3.2	2.7	2.7	3.1	3.5	2.5	4.3	3.9	5.0	4.7	4.3	2.3
September	2.0	2.0	2.3	2.3	3.8	3.5	2.6	2.9	3.3	3.1	4.1	4.2	2.9	2.3	1.4
October	1.0	0.7	0.7	0.4	1.0	1.3	1.5	1.9	1.9	2.5	1.8	2.0	1.1	1.1	1.1
November	1.6	1.1	1.0	0.8	0.3	0.5	0.8	0.9	1.0	1.1	0.8	1.0	0.7	0.4	0.4
December	0.7	0.7	1.0	0.6	0.3	0.6	0.6	1.0	1.0	0.6	0.6	0.3	0.3	0.6	1.1
Year	2.2	2.4	2.3	2.4	2.4	2.3	2.3	3.0	3.0	3.4	3.5	3.5	2.9	2.8	2.4
														KAKUL Height 25 ft.	
January	3.6	3.0	3.0	3.1	2.7	3.1	3.4	4.0	4.1	4.3	5.3	5.5	4.5	3.9	3.4
February...	2.6	2.6	2.3	2.4	2.3	2.6	2.8	3.8	4.0	3.6	4.2	4.2	3.6	3.1	3.3
March	3.6	3.9	3.8	3.3	3.8	4.4	4.2	4.1	4.1	4.6	4.4	4.2	4.4	4.3	3.4
April	3.3	3.2	3.4	3.6	3.7	4.5	5.0	5.9	6.0	5.5	5.7	6.2	6.7	5.4	3.8
May	3.0	3.6	3.1	3.5	4.4	4.9	5.1	5.8	5.8	6.2	6.4	6.8	8.0	7.5	6.3
June	1.7	0.7	1.1	1.0	2.3	3.0	4.8	5.7	6.3	6.9	6.9	7.3	7.6	6.6	5.9
July	2.0	1.4	1.2	0.8	2.4	2.2	3.3	4.1	3.9	4.2	5.2	4.7	4.2	3.4	4.1
August	2.5	1.8	1.9	1.9	2.4	3.0	3.7	3.6	4.3	4.2	4.4	4.4	3.8	3.0	2.6
September	2.4	2.1	3.0	2.0	2.3	2.3	2.7	3.2	4.2	4.3	4.5	3.9	2.7	2.2	1.7
October	0.0	0.3	0.3	0.1	0.2	0.5	1.2	2.1	3.0	3.4	2.6	2.7	1.0	0.5	0.4
November	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.1	2.0	2.4	2.1	1.9	0.9	0.2	0.2
December	0.2	0.3	0.4	0.1	0.3	1.2	1.2	2.4	2.3	2.0	2.8	2.6	1.8	1.0	0.7
Year	2.1	1.9	2.0	1.8	2.2	2.7	3.2	3.8	4.2	4.3	4.5	4.5	4.1	3.4	3.0

4 Stations for the year 1955. (Readings at exact hours G.M.T.)

15	16	17	18	19	20	21	22	23	Mean	Mean of Max.	Mean of Min.	Highest Maximum Vel.	Highest Maximum Date	Highest Maximum Hr.	Month
1.4	1.1	1.4	2.0	1.8	2.3	2.3	2.3	2.1	2.2	12.4	0.1	22	20	18.00	January.
0.5	1.0	0.8	0.7	1.0	0.6	1.8	1.9	1.7	1.9	14.3	0.0	20	1	08.00	February.
0.9	0.9	1.6	2.1	2.4	2.0	2.0	2.7	2.1	2.5	16.2	0.1	31	12	08.00	March.
2.0	2.1	2.4	2.3	2.8	2.1	2.1	3.2	2.5	3.0	19.5	0.4	46	25	16.00	April.
1.0	1.7	2.5	2.4	2.6	2.4	2.9	3.8	3.4	2.7	19.3	0.1	36	5	20.00	May.
2.2	2.1	1.4	1.9	1.8	2.8	2.4	2.4	2.4	2.5	19.6	0.2	33	27	15.00	June.
3.0	2.9	3.4	4.1	4.1	3.7	3.8	3.9	4.0	4.2	19.9	1.2	56	6	14.00	July.
3.0	3.1	3.1	3.4	3.2	3.4	3.9	3.6	4.0	4.1	19.9	1.2	29	20	12.00	August.
1.0	1.6	1.8	1.8	2.4	2.5	2.7	2.5	2.6	2.5	16.4	0.4	35	7	06.00	September.
1.3	1.2	1.2	1.3	1.7	1.9	2.1	2.6	2.6	2.5	12.4	0.5	33	4	20.00	October.
0.1	0.3	0.5	0.6	0.8	1.0	1.3	1.7	1.8	1.4	9.3	0.0	15	8	08.00	November.
2.0	2.0	2.3	2.2	2.3	2.5	2.7	3.0	3.0	2.9	10.3	1.2	18	23	06.00	December.
1.5	1.7	1.9	2.1	2.2	2.3	2.5	2.8	2.7	2.7	15.8	0.5	56	6/VII	14.00	Year.
1.9	2.5	3.5	2.5	2.9	2.3	2.7	2.5	2.3	2.1	9.6	0.0	22	29	16.00	January.
2.3	3.7	3.7	2.9	3.2	2.7	2.9	2.3	2.9	2.5	10.1	0.0	23	24	21.00	February.
2.5	1.9	2.2	2.7	2.9	2.9	2.6	2.6	2.1	2.4	15.4	0.0	25	23	19.00	March.
2.9	2.6	2.9	2.5	2.7	2.9	2.5	2.0	1.4	3.1	17.4	0.0	35	15	17.00	April.
5.5	5.5	3.8	4.2	3.8	2.8	2.5	2.6	3.4	4.3	21.4	0.2	46	15	12.00	May.
3.5	3.7	4.9	4.2	3.3	4.1	3.7	3.3	3.3	4.5	24.3	0.0	43	3	17.00	June.
3.5	3.3	3.8	3.1	2.3	2.5	2.9	3.2	3.1	3.7	17.6	0.0	48	18	08.00	July.
1.9	1.7	1.7	1.6	1.4	2.1	2.3	3.1	3.1	3.0	12.9	0.0	23	12	09.00	August.
1.6	1.6	1.5	1.6	1.2	1.2	1.6	2.0	1.8	2.4	12.1	0.0	29	18	11.00	September.
2.3	1.1	0.7	0.9	1.3	1.3	1.5	2.0	1.4	1.4	9.1	0.0	37	9	11.00	October.
1.0	1.6	1.3	1.0	1.4	1.5	1.7	1.7	1.5	1.0	6.4	0.0	20	6	11.00	November.
1.1	1.0	0.7	0.5	0.6	0.5	0.8	1.0	0.9	0.7	2.4	0.0	18	16	14.00	December.
2.5	2.5	2.6	2.3	2.3	2.2	2.3	2.4	2.3	2.6	13.2	0.0	48	18/VII	08.00	Year.
3.6	3.7	3.4	3.7	3.3	2.8	3.4	3.4	3.2	3.6	13.5	2.2	33	29	20.00	January.
3.4	2.7	2.4	2.9	2.5	2.6	2.7	2.6	2.7	3.0	12.0	1.1	21	24	22.00	February.
2.7	3.3	3.0	4.1	4.3	3.7	3.9	3.8	3.5	3.9	18.0	1.5	35	30	13.00	March.
5.2	5.8	5.0	4.3	4.4	4.0	4.3	4.6	3.7	4.7	18.7	1.9	46	29	13.00	April.
7.5	5.4	4.6	4.7	3.5	3.1	3.0	3.4	3.2	4.9	26.1	1.0	44	27	11.00	May.
4.3	5.6	4.8	3.5	2.9	2.7	2.4	2.4	1.0	4.1	24.1	0.1	38	28	14.00	June.
2.2	2.9	2.0	2.0	1.9	2.2	1.5	1.7	1.6	2.7	29.5	0.1	52	1	14.00	July.
2.3	2.0	2.1	1.9	2.1	2.0	2.0	2.3	2.4	2.8	14.3	0.9	31	6	03.00	August.
1.8	2.0	2.1	2.2	2.4	2.9	2.4	2.1	2.5	2.7	16.2	1.0	4.0	14	12.00	September
1.0	0.8	1.3	0.7	0.5	0.4	0.6	0.6	0.3	1.0	12.5	0.0	29	9, 14	16.00/ 18.00	October.
0.1	0.2	0.1	0.6	0.1	0.1	0.2	0.1	0.1	0.6	10.4	0.0	26	6	14.00	November.
0.4	0.3	0.0	0.2	0.1	0.1	0.1	0.2	0.2	0.9	11.7	0.0	27	30	05.00	December.
2.9	2.9	2.6	2.5	2.3	2.2	2.2	2.3	2.0	2.9	17.3	0.8	52	1/VII	14.00	Year.

Table X.—Mean hourly and extreme wind velocities (knots) at

Month/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
														KARACHI (Air Port) (Height 50ft.)	
January	4.5	5.2	5.2	4.4	4.9	9.5	9.8	9.8	9.1	8.4	8.7	10.2	10.3	8.7	75.2
February...	2.0	2.2	3.1	2.9	2.6	5.1	6.6	5.4	5.3	7.1	9.2	10.0	9.3	10.0	10.9
March	4.1	3.2	1.9	3.1	3.6	5.4	7.6	8.7	11.2	11.6	13.3	13.5	13.9	12.6	10.3
April	3.7	3.0	3.2	4.8	5.6	9.0	10.3	11.5	12.5	13.9	14.9	14.6	14.9	13.4	10.0
May	3.7	3.0	4.4	6.7	8.0	9.7	10.2	10.9	12.0	14.7	15.2	15.5	15.0	13.3	11.2
June	7.6	6.4	8.5	11.2	12.2	12.9	14.0	14.2	15.2	15.5	15.7	15.3	14.6	13.7	121
July	11.5	11.0	11.8	13.9	15.7	16.8	17.9	18.2	18.9	19.2	19.2	18.5	18.3	16.7	15.8
August	7.1	7.5	7.3	8.7	10.0	6.7	12.7	10.2	12.3	13.7	13.7	13.8	13.9	12.5	10.8
September	5.0	5.4	5.0	6.6	8.4	9.9	9.7	10.3	11.5	11.6	12.6	12.6	12.3	10.6	8.5
October	1.1	0.4	0.7	0.7	18	5.1	5.2	5.2	6.3	8.4	10.0	10.2	9.4	6.7	40
November	1.6	1.1	1.7	0.8	1.1	3.8	1.4	5.3	6.8	8.6	9.1	9.5	9.3	5.6	3.6
December	2.4	1.9	2.1	1.5	3.6	5·4	6.9	7.0	6.7	66	7.6	8.4	8.0	5.8	4.3
Year	4.5	4.2	4.6	5.4	6.6	8.3	9.4	9.7	10.7	116	124	12·7	124	10.8	8.9

4 Stations for the year 1955. (Readings at exact hours in G.M.T.)

15	16	17	18	19	20	21	22	23	Mean	Mean		Highest Maximum			Month.
										Max.	Min.	Vel.	Date.	Hr.	
4.8	4.6	3.3	3.5	3.3	3.5	4.5	4.6	4.1	6.4	15.4	0.1	32	3	05.00	January.
6.0	4.4	2.4	21	1.8	1.6	2.2	2.6	3.0	4.9	12.5	0.1	34	28	13.00	February.
9.6	7·6	5.7	4.2	5.1	4.2	3.8	3.5	4.0	7.2	21.8	0.1	35	18	09.00	March.
8.0	7.5	6.0	4.8	4.2	4.4	4.0	3.8	3.3	8.0	20.4	0.2	38	13	21.00	April.
9.6	7.8	6.8	5.3	4.9	5.6	5.6	5.2	4.3	8.6	17.0	1.3	36	22	17.00	May.
10.8	10.6	10.6	9.0	8.7	8.7	8.2	8.3	7.8	11.3	21.1	4.4	45	9	11.00	June.
14.1	10.4	12.6	12.3	12.6	12.6	12.3	11.6	11.3	14.7	22.3	3.3	42	3	10.00	July.
9.8	9.8	8.2	8.1	8.0	8·0	7.5	7.5	7.3	9.8	20.5	2.5	40	6	11.00	August.
5.8	5.8	5.3	5.6	5.5	6.4	6.1	5.9	5.4	7.9	15.9	0.1	38	25	08.00	September.
1.7	1.1	1.1	1.2	1.7	1.3	1.1	0.7	1.1	3.6	10.3	0.1	30	1	07.00	October.
1.6	1.0	0.7	0.6	1.0	0.8	1.1	1.3	1.2	3.3	9.5	0.3	23	10	07.00	November.
3.1	2.0	2.0	2.0	1.9	1.2	1.7	2.0	2.2	4.0	10.3	Calm	30	2	09.00	December.
7.1	6.1	5.4	4.9	4.9	4.9	4.8	4.7	4.6	7.5	16.4	1.0	45	9/VII	11.00	Year.

Table XI.—Average over the 5 chief Political Divisions of the

Division	January			February			March			April			May			June		
	Rainfall	Departure from normal.	Percentage departure from normal.	Rainfall.	Departure from normal.	Percentage departure from normal.	Rainfall	Departure from normal.	Percentage departure from normal.	Rainfall.	Departure from normal.	Percentage departure from normal.	Rainfall.	Departure from normal.	Percentage departure from normal.	Rainfall.	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
1. East Pakistan ...	0.04	—0.31	—89	0.05	—0.96	—95	3.00	+0.91	+44	3.60	—1.52	—30	9.14	—1.31	—13	13.33	—3.91	—23
Mean of East Pakistan	0.04	—0.31	—89	0.05	—0.96	—95	3·00	+0.91	+44	3.60	—1.52	—30	9.14	—1.31	—13	13.33	—3.91	—23
2. Punjab	0.15	—0.73	—83	0.16	—0.70	—81	1.00	+0.21	+27	0.49	—0.20	—29	1.14	+0.62	+119	0.32	—0.87	—73
3. N.W.F.P.	0.11	—0.94	—90	0.17	—0.94	—85	0.14	—0.01	— 7	0.36	—1.12	—76	1.72	+1.03	+149	0.19	—0.59	—76
4. Baluchistan	1.52	+0.43	+ 39	0.13	—1.14	—90	1.06	+0.13	+14	0.04	—0.48	—92	0.95	+0.67	+239	0.06	—0.22	—79
5. Sind	0.08	—0.06	—43	0.39	+0.09	+30	0.05	—0.13	—72	0.00	—0.09	—100	0.03	—0.11	—78	0.09	—0.29	—76
Mean of West Pakistan (excluding Baluchistan)	0.12	—0.54	—82	0.24	—0.47	—66	0.53	+0.06	+13	0.30	—0.33	—52	0.86	+0.44	+105	0.22	—0.63	—74

Monthly and Annual Rainfall with its departure from normal in 1955

July			August			September			October			November			December			Year		
Rainfall.	Departure from normal.	Percentage departure from normal.	Rainfall.	Departure from normal.	Percentage departure from normal.	Rainfall.	Departure from normal.	Percentage departure from Normal.	Rainfall.	Departure from normal.	Percentage departure from normal.	Rainfall.	Departure from normal.	Percentage departure from normal.	Rainfall.	Departure from normal.	Percentage departure from normal.	Rainfall.	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
20.35	+3.53	+21	14.50	—3.03	—17	9.18	—2.50	—22	5.63	—0.27	—5	5.18	+4.01	+343	0.04	—0.24	—86	84.04	—4.70	—5
20.35	+3.53	+21	14.50	—3.03	—17	9.18	—2.50	—22	5.63	—0.27	—5	5.18	+4.31	+343	0.04	—0.24	—86	84.04	—4.70	—5
2.44	—1.29	—35	6.80	+2.80	+70	2.34	+0.87	+59	2.05	+1.87	+1039	0.00	—0.13	—100	0.41	+0.03	+8	17.30	+2.48	+17
1.59	—0.52	—25	5.59	+2.58	+86	1.06	—0.02	—2	0.33	—0.13	—28	0.04	—0.24	—86	0.79	+0.02	+3	12.09	—0.91	—7
0.24	—0.85	—78	1.51	+0.69	+84	0.22	+0.03	+16	0.03	—0.05	—63	0.00	—0.13	—100	1.00	+0.37	+59	6.76	—0.55	—8
0.01	—2.36	—100	3.80	+2.12	+126	2.58	+2.02	+361	0.01	—0.05	—83	0.00	—0.04	—100	0.04	—0.07	—64	7.08	+1.03	+17
1.47	—1.52	—51	5.57	+2.53	+83	2.21	+1.12	+103	1.07	+0.88	+463	0.07	—0.05	—42	0.35	0.00	0.00	12.94	+1.59	+14

Table XII.—Average over the 11 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. East Pakistan (North) ...	0.2	—0.7	0.08	—0.36	—82	0.4	—1.1	0.09	—0.69	—88	1.9	+0.2	0.65	—0.49	—43
2. „ (East) ...	0.2	—0.5	0.04	—0.33	—89	0.2	—1.7	0.05	—1.03	—95	4.4	+1.4	4.62	+2.11	+84
3. „ (Deltaic) ...	0.0	—0.8	0.01	—0.38	—97	0.1	—1.7	0.03	—1.04	—97	1.4	—1.1	0.57	—1.25	—69
4. Punjab (North) ...	0.6	—1.5	0.17	—0.90	—84	0.3	—1.9	0.08	—0.87	—92	2.0	+0.1	1.13	+0.25	+28
5. „ (South) ...	0.5	—0.4	0.08	—0.23	—74	1.0	—0.1	0.46	+0.08	+21	1.1	0.0	0.50	+0.10	+25
6. N.W.F.P. (North) ...	0.5	—2.2	0.19	—1.35	—88	0.4	—3.1	0.27	—1.55	—85	6.7	+2.5	2.37	—0.14	—6
7. „ (South) ...	0.2	—1.4	0.05	—0.63	—93	0.3	—2.1	0.09	—1.13	—93	3.9	+0.2	1.51	—0.02	—1
8. Baluchistan (North) ...	4.7	+2.1	1.54	+0.43	+39	0.4	—2.4	0.13	—1.18	—90	3.5	+1.0	1.23	+0.18	+17
9. „ (South) ...	3.2	+1.6	1.43	+0.40	+39	0.5	—1.3	0.16	—0.95	—86	0.5	—0.6	0.26	—0.30	—57
10. Sind (Upper) ...	0.2	—0.3	0.09	—0.06	—40	0.8	0.0	0.55	+0.25	+83	0.1	—0.4	0.04	—0.18	—82
11. „ (Lower) ...	0.1	—0.2	0.05	—0.08	—62	0.3	—0.4	0.09	—0.22	—71	0.2	—0.1	0.07	—0.04	—36

number of rainy days and rainfall with their departures from the normals in 1955

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
2.6	—0.8	2.27	+0.08	+4	5.4	—3.3	6.65	—0.96	—13	10.0	—3.2	9.94	—2.99	—23	15.4	+0.6	20.84	+8.67	+71
5.2	—0.7	4.64	—2.10	—31	8.4	—4.0	11.60	—0.71	—6	15.1	—3.3	16.79	—3.51	—17	22.2	+1.8	24.02	+4.58	+24
3.1	—1.8	2.02	—1.62	—45	6.3	—2.8	4.91	—3.38	—41	13.2	—1.3	8.07	—5.63	—41	16.8	—2.1	12.00	—3.03	—20
1.5	—0.3	0.59	—0.19	—24	2.3	+1.0	1.10	+0.52	+90	0.8	—1.5	0.39	—0.97	—71	2.9	—2.0	2.94	—1.29	—30
0.5	—0.4	0.16	—0.16	—50	2.5	+1.7	1.30	+0.97	+294	0.3	—0.8	0.05	—0.53	—91	0.8	—1.9	0.65	—1.26	—66
1.3	—2.3	0.52	—1.55	—75	2·7	+1.2	1.97	+1.24	+170	0.6	—0.8	015	—0.52	—78	2.3	—1.1	1.31	—1.32	—50
0.9	—1.5	0.24	—0.78	—76	3.9	+2.4	1.51	+0.85	+129	0.7	—0.3	0.23	—0.64	—74	3.0	+0.3	1.83	—0.16	—8
0.2	—1.3	0.04	—0.49	—92	1.9	+1.2	1.05	+0.76	+262	0.2	—0.4	0.05	—0.25	—83	0.7	—1.2	0.24	—0.85	—78
0.2	—0.6	0.03	—0.43	—93	1.0	+0.4	0.49	+0.25	+104	0.0	—0.4	0.08	—0.11	—58	0.6	—1.2	0.24	—0.93	—79
0.0	—0.3	0.00	—0.11	—100	0.1	—0.2	0.03	—0.09	—75	0.1	—0.3	0.02	—0.23	—92	0.0	—1.8	0.00	—1.49	—100
0.0	—0.1	0.00	—0.06	—100	0.1	—0.2	0.03	—0.13	—81	0.1	—0.8	0.18	—0.39	—68	0.1	—3.1	0.00	—3.74	—100

Table XII.—Average over the 11 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. East Pakistan (North) ...	15.2	+0.8	14.83	+2.91	+25	10.7	—0.4	10.10	—0.86	—8	4.0	—0.8	2.28	—2.48	—52
2. „ (East) ...	19.9	+0.3	16.62	—1.09	—6	13.2	—1.7	9.96	—3.11	—24	6.2	—0.9	6.36	—0.37	—5
3. „ (Deltaic)...	14.3	—3.8	9.81	—3.62	—27	9.5	—2.5	6·82	—2.33	—25	8.5	+2.6	6.65	+1.84	+38
4. Punjab (North) ...	8.8	+3.7	7.44	+2.85	+62	3.8	+1.6	2.84	+1.15	+68	1.6	+1.2	2.58	+2.36	+1072
5. „ (South) ...	5.5	+3.0	4.49	+2.63	+141	0.9	—0.4	0.57	—0.13	—19	0.2	0.0	0.12	+0.06	+100
6. N.W.F.P. (North) ...	7.0	+2.7	7.41	+3.49	+89	2.3	+0.3	1.50	+0.17	+13	1.3	—0.2	0.45	—0.24	—34
7. „ (South) ...	4.5	+1.0	4.14	+1.86	+82	1.3	—0.3	0.71	—0.17	—19	0.5	+0.1	0.19	+0.01	+6
8. Baluchistan (North ...	3.2	+1.7	1.52	+0.67	+79	0.6	+0.2	0.23	+0.04	+21	0.1	—0.1	0.04	—0.05	—56
9. „ (South) ...	2.5	+1.4	1.56	+0.87	+127	0.7	+0.4	0.18	0.00	0.0	0.1	0.0	0.03	—0.02	—40
10. Sind (Upper) ...	2.3	+0.8	3.69	+2.35	+175	1.3	+0.8	1.36	+0.98	+2.57	0.0	—0.1	0.01	—0.02	—67
11. „ (Lower) ...	4.6	+1.9	4.00	+1.73	+76	3.7	+2.6	1.72	+3.86	+4.49	0.0	—0.2	0.00	—0.11	—100

number of rainy days and rainfall with their departure from the normals in 1955

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
2.1	+1.4	2.05	+1.48	+260	0.0	—0·2	0.00	—0.18	—100	67.9	—7.5	69.78	+4.13	+6
4.7	+2.9	7.20	+5.68	+374	0.1	—0.4	0.07	—0.28	—80	99.8	—6.8	101.97	—0.16	0
2.6	+1.3	3.71	+2.75	+286	0.0	—0.3	0.00	—0.19	—100	75.8	—14.3	54.60	—17.88	—25
0.0	—0.3	0.00	—0.15	—100	1.5	+0.6	0.46	+0.03	+7	26.1	+0.7	19.72	+2.79	+16
0.0	—0.2	0.00	—0.05	—100	0.9	+0.3	0.25	+0.04	+19	14.2	+0.8	8.63	+1.52	+21
0.3	—0.4	0.08	—0.31	—79	2.2	+0.1	0.73	—0.35	—32	27.6	—3.3	16.95	—2.43	—13
0.0	—0.2	0.00	—0.13	—100	2.2	+1.2	0.87	+0.49	+129	21.4	—0.6	11.37	—0.13	—1
0.0	—0.4	0.00	—0.14	—100	2.2	+0.8	1.05	+0.37	+54	17.7	+1.2	7.12	—0.51	—7
0.0	—0.2	0.00	—0.07	—100	1.0	+0.1	0.79	+0.34	+76	10.3	—0.4	5.25	—0.95	—15
0.0	—0.1	0.00	—0.02	—100	0.1	—0.2	0.05	—0.06	—55	5.0	—2.1	5.84	+1.32	+29
0.0	—0.1	0.01	—0.07	—87	0.1	—0.1	0.03	—0.07	—70	9.3	—0.7	9.20	+0.68	+8

Table XIII.—Average over the 5 chief Political Divisions of the Rainfall with its departure from normal for the 4 Seasons of the year and for the whole year 1955.

Division	January & February			March to May			June to September			October to December			Whole year January to December		
	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. East Pakistan	0.09	—1.27	—93	15.74	—1.92	—11	57.36	—5.91	—9	10.85	—3.50	+48	84.04	—4.70	—5
Mean of East Pakistan	0.09	—1.27	—93	15.74	—1.92	—11	57.36	—5.91	—9	10.85	+3.50	+48	84.04	—4.70	—5
2. Punab	0.31	—1.43	—82	2.63	+0.63	+32	11.90	+1.51	+15	2.46	+1.77	+257	17.30	+2.48	+17
3. N.W.F.P.	0.28	—1.88	—87	2.22	—0.10	—4	8.43	+1.45	+21	1.16	—0.35	—23	12.09	—0.91	—7
4. Baluchistan	1.65	—0.71	—30	2.05	+0.32	+18	2.03	—0.35	—15	1.03	+0.19	+23	6.76	—0.55	—8
5. Sind	0.47	+0.03	+7	0.08	—0.33	—80	6.48	+1.49	+30	0.05	—0.16	—76	7.08	+1.03	+17
Mean of West Pakistan (excluding Baluchistan).	0.36	—0.84	—70	1.69	+0.20	+13	9.47	+2.39	+33	1.42	+0.76	+115	12.94	+1.59	+14

Table XIV.—Average over the 11 sub-Divisions of the number of rainy days and rainfall with their departures from normals for the 4 Seasons of the year and for the whole year 1955.

Table XIV.—Average over the 11 sub-Divisions of the number of rainy days and rainfall

Sub-Division	January and February					March to May					June to September				
	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. East Pakistan (North) ...	0.6	—1.8	0.17	—1.05	—86	9.9	—3.9	9.57	—1.37	—13	51.3	—2.2	55.71	+7.73	+16
2. East Pakistan (East) ...	0.4	—2.2	0.09	—1.36	—94	18.0	—3.3	20.86	—0.70	—3	7.04	—2.9	67.39	—3.13	—4
3. East Pakistan (Deltaic) ...	0.1	—2.5	0.04	—1.42	—97	10.8	—5.7	7.50	—6.25	—45	5.38	—9.7	36.70	—14.61	—28
4. Punjab (North) ...	0.9	—3.4	0.25	—1.77	—88	5.8	+0.8	2.82	+0.58	+26	16.3	+1.8	13.61	+1.74	+15
5. Punjab (South) ...	1.5	—0.5	0.54	—0.15	—22	4.1	+1.3	1.96	+0.91	+87	7.5	—0.1	15.76	+0.71	+14
6. N.W.F.P. (North) ...	0.9	—5.3	0.46	—2.90	—86	10.7	+1.4	4.86	—0.45	—8	12.2	+1.1	10.37	+1.82	+21
7. N.W.F.P. (South) ...	0.5	—3.5	0.14	—1.76	—93	8.7	+1.1	3.26	+0.05	+2	9.5	+0.7	6.91	+1.21	+21
8. Baluchistan (North) ...	5.1	—0.3	1.67	—0.38	—19	5.6	+0.9	2.32	+0.45	+24	4.7	+0.3	2.04	+0.39	—16
9. Baluchistan (South) ...	3.7	+0.3	1.59	+0.45	+39	1.7	—0.8	0.78	—0.48	—38	3.8	+0.2	2.06	—0.17	—8
10. Sind (Upper)	1.0	—0.3	0.64	+0.19	+42	0.2	—0.9	0.07	—0.38	—84	3.7	—0.5	5.07	+1.61	+47
11. Sind (Lower)	0.4	—0.6	0.14	—0.30	—68	0.3	—0.3	0.10	—0.23	—70	8.5	+0.6	8.92	+1.46	+20

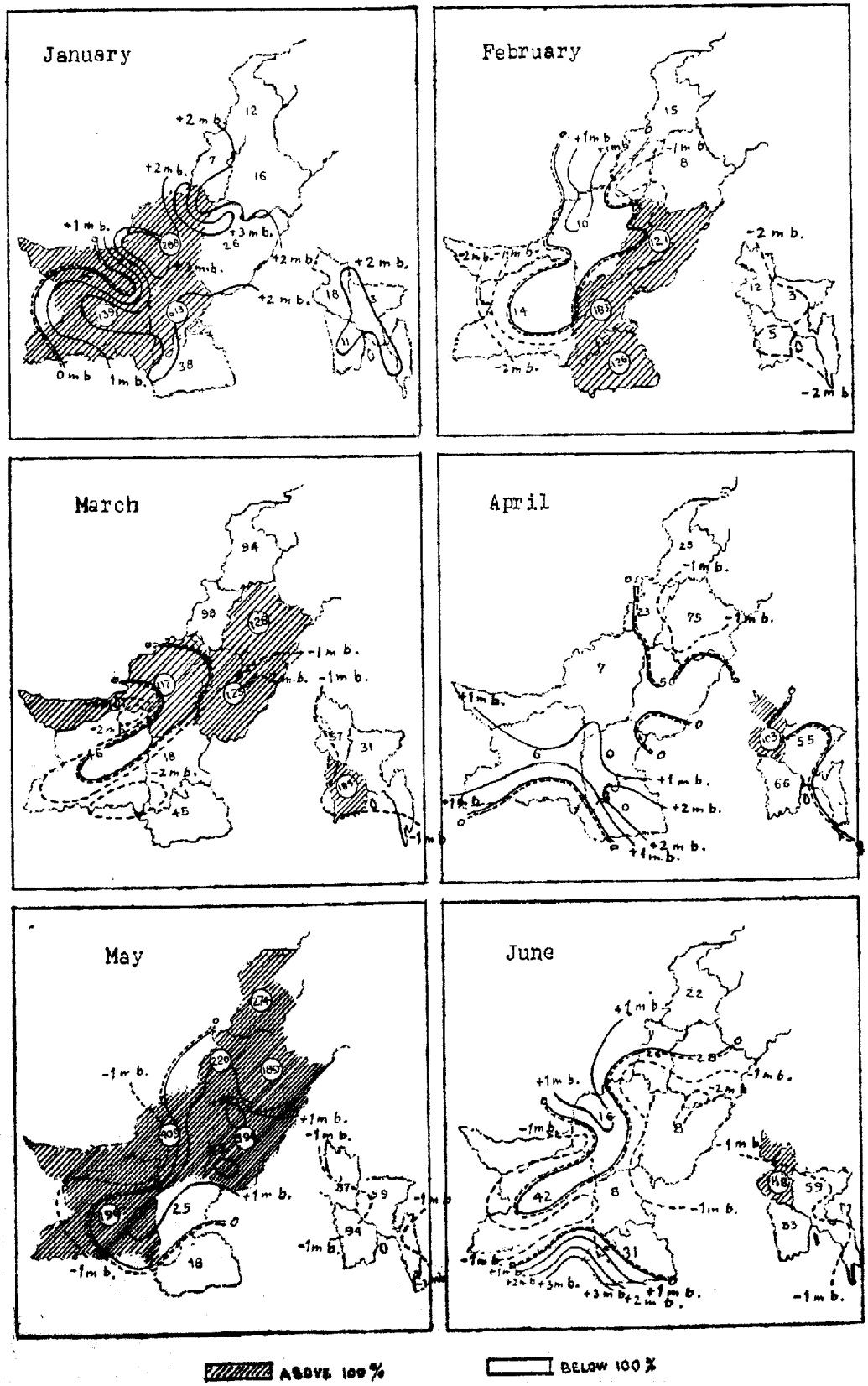
with their departures from normals for the 4 Seasons of the year and for the whole year 1955.

Sub-Division	October to December					Whole year (January to December)				
	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.
Col. One—*Contd.*	17	18	19	20	21	22	23	24	25	26
1. East Pakistan (North)	6.1	+0.4	4.33	—1.18	—21	67.9	—7.5	69.78	+4.13	+6
2. East Pakistan (East)	11.0	+1.6	13.63	+5.03	+58	99.8	—6.8	101.97	—0.16	0
3. East Pakistan (Deltaic)	11.1	+3.6	10.36	+4.40	+74	75.8	—14.3	54.60	—17.88	—25
4. Punjab (North)	3.1	+1.5	3.04	+2.24	+280	26.1	+0.7	19.72	+2.79	+16
5. Punjab (South)	1.1	+0.1	0.37	+0.05	+16	14.2	+0.8	8.63	+1.52	+21
6. N.W.F.P. (North)	3.8	—0.5	1.26	—0.90	—42	27.6	—3.3	16.95	—2.43	—13
7. N.W.F.P. (South)	2.7	+1.1	1.06	+0.37	+54	21.4	—0.6	11.37	—0.13	—1
8. Baluchistan (North)	2·3	+0.3	1.09	+0.18	+20	17.7	+1.2	7.12	—0.51	—7
9. Baluchistan (South)	1.1	—0.1	0.82	+0.25	+44	10.3	—0.4	5.25	—0.95	—15
10. Sind (Upper)	0.1	—0.4	0.06	—0.10	—63	5.0	—2.1	5.84	+1.32	+29
11. Sind (Lower)	0.1	—0.4	0.04	—0.25	—86	9.3	—0.7	92.0	+0.68	+8

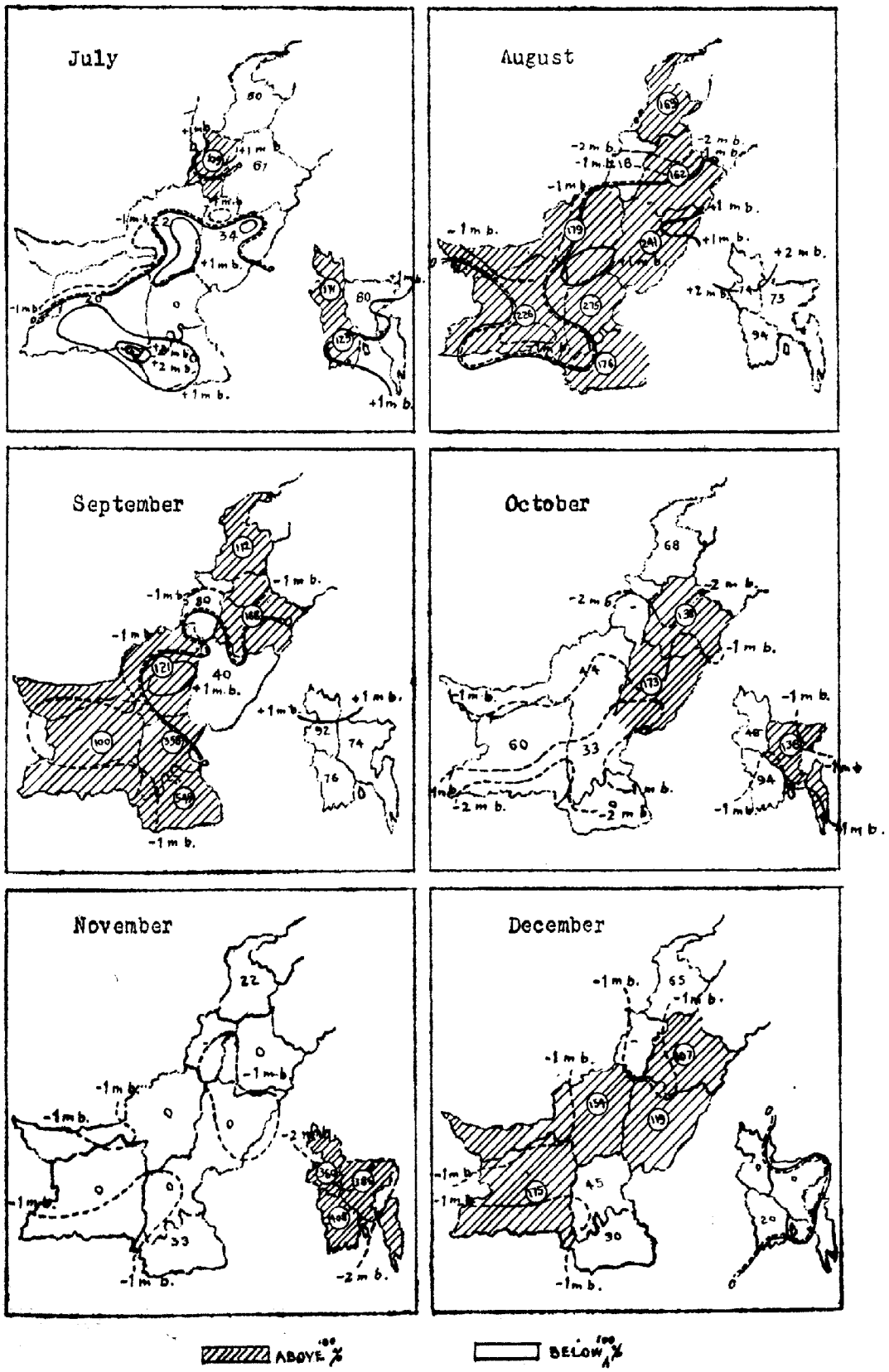
Table. XV.— Days with Rainfall 10" and over with amounts in the preceding and following 24 hours during the year 1955.

Province/District	Station	Date and Month	Amount		
			Proceeding day	On date in column 3	Succeeding day
1	2	3	4	5	6
East Pakistan					
Chittagong	Chittagong ...	15th July	4.51	13.51	4.74
	Chittagong ...	25th October	2.25	15.95	0.26
Tippera	Brahmanbaria ...	15th July	1.39	12.17	0.35
West Pakistan					
Lahore	Van	1st October	0.00	11.92	0.00
	Pambi ...	1st October	0.00	12.19	0.00
	Niaz Beg ...	1st October	0.00	15.93	0.00
	Lahore Cantt. ...	1st October	0.00	16.40	0.00
Sialkot	Shakargarh ...	5th October	5.75	10.80	2.15

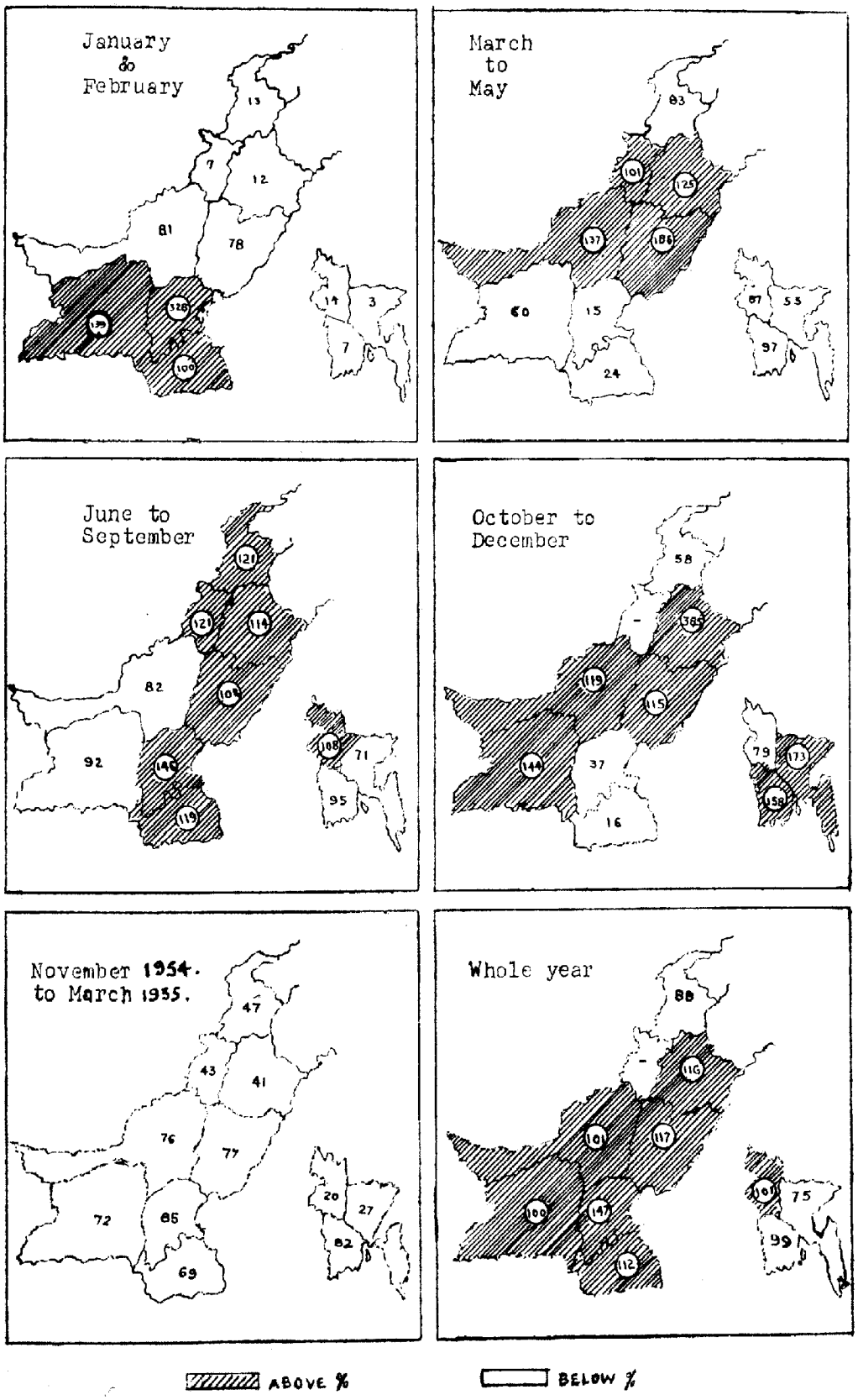
Sub-Divisional rainfall totals (percentage of respective normals) and mean Monthly pressure anomalies (in millibars) 1955.



Sub-Divisional rainfall totals (percentage of respective normals) and mean Monthly pressure anomalies (in millibars) 1955.



Sub-Divisional rainfall totals (percentage of respective normals) in different periods of the year 1955.



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ANNUAL SUMMARY

PART B

SNOWFALL

CONTENTS

	Page		Page
Cold Weather Period	B1	Post-Monsoon Period	B3
Hot Weather Period	B2	Summary	B5
Southwest Monsoon Period	B3		

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Director,

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ANNUAL SUMMARY

PART B

SNOWFALL

This part presents a summary of reports of snowfall in the mountainous regions of West Pakistan and the neighbouring areas. These reports are received from the local officers, departmental or non-departmental, who collect this information through the local residents and travellers passing through the mountainous regions. The amount of snowfall is usually measured by finding the depth of undisturbed snow lying on the ground and is given in feet and inches. At places provided with rainguages, the snow collected in the guage is melted and measured as rain and is indicated in the text as amount of water in inches and cents.

COLD WEATHER PERIOD, JANUARY TO MARCH

I. Afghanistan

Kabul.—In Kabul Valley slight snowfall occurred on 6th and 10th (2 days) and traces of snowfall occurred on 19th, 21st, 28th and 29th (4 days) of *January*. During *February*, there was no snowfall in the Valley but slight falls were observed from 23rd to 25th (3 days) on the Paghman and Hindukush Mountains. In *March*, again there was no snowfall in the Valley except slight fall noticed on Paghman and Hindukush Ranges.

The falls during the season had been far below normal. The inhabitants reported not to have witnessed such a dry season for the last 30 to 35 years.

There was no accumulation of snow except thin layers on the peaks of Paghman, Hindukush and Shaber mountains.

II. Baluchistan

Quetta.—Snowfall occurred in Quetta on two days in *January* and on one day in February and the snow converted into water in the two months was 25 cents and 8 cents respectively. *March* did not receive any fall. Snow fall during the season was reported to be below average.

The snow accumulation was nil.

III. North-West Frontier Province

(a) *Hazara:*

Falls occurred on 12,5 and 10 days in the months of January, February and March respectively. Total snowfall of the month and accumulation of snow at the end of the month is given in Table I below. These were reported to be below normal.

TABLE I

Locality	Elevation Ft.a.sl.	January Fall ft. in.	January Acc. ft. in.	February Fall ft. in.	February Acc. ft. in.	March Fall ft. in.	March Acc. ft. in.
1. Kaghan	7,000	3 2	2 0	0 4	...	5 2	5 2
2. Paludran	7,500	4 6	4 0	0 10	...	5 10	5 10
3. Naran	8,000	2 7	6 0	1 8	1 0	7 0	7 11
4. Sarool	13,515	9 11	9 0	3 2	3 0	11 2	10 2
5. Mahli Burwai	...	11 8	11 0	4 6	4 0	16 8	14 2
6. Raj Bhogi	15,891	18 5	17 6	6 6	6 0	20 0	18 2
7. Bajtar	...	12 6	12 0	4 0	4 0	14 8	13 2
8. Malkandi	...	2 0	1 0	0 9	...	0 6	0 6
9. Sundi Gali	7,000	1 9	0 6	1 2	0 6	1 0	0 6
10. Jachha	6,500	1 11	0 8	1 2	1 2	1 0	*Nil*
11. Kund	8,000	3 11	1 6	0 1	0 2	1 6	*Nil*
12. Kathai	...	0 1	0 2	...	...	...	...
13. Kala Pahar	...	0 6	0 2	...	...	...	...
14. Thandiani	8,000	2 3	2 3	...	...	...	...
15. Birangali	6,600	1 3	1 3	...	...	...	...
16. Sattu	7,600	1 1½	1 1½	...	...	...	...
17. Dunga Gali	8,000	4 6	2 6	...	...	2 0	0 6
18. Mikshpuri	9,243	7 0	4 0	...	...	3 6	1 0
19. Miranjani	9,780	7 0	4 0	...	...	...	...

(b) *Malakand Swat State*

Snow was reported to have fallen on two days in *January* to an aggregate depth of one foot. *February* did not receive any fall. In *March*, there were occasional snowfalls accompanied with rain on mountain peaks only.

Snow accumulation at high peaks varied from 2 to 3 feet.

Both snowfall and snow accumulation were below average.

(c) *Chitral:*

Snowfall and accumulation at Lowari Top for the months of January to March are given in Table II. These were below average on aggregate.

TABLE II

Month	Fall Ft. In.	Accumulation Ft. In.	Remarks
January ...	2 6	2 4	Below average.
February ...	0 6	2 0	do.
March ...	7 0	7 6	Above average.

(d) *Drosh:*

Snowfall and snow accumulation were extraordinarily below normal. Snowfall at various peaks and passes in the area during the months January to March are tabulated below. Snow accumulation was, however, nil.

TABLE III

Snowfall

Locality	Elevation Ft. a.s.l.	January Fall in.	February Fall in.	March Fall ft. in.
1. Drosh	4,806	1	1	4½
2. Drosh Goll Nalas ...	6/11,000	0	0	0
3. Loweri Pass ...	11,000	3½	6	2 6
4. Loweri Pass Nalas ...	8/12,000	0	0	0
5. Afghan Border Hills ...	7/13,000	0	0	0
6. Paithazem	10,000	0	0	0
7. Western Ranges ...	10/14,000	4½	8	3 7
8. Peristzem	10/11,000	3½	6	2 6
9. Shishi Nala Hills ...	8/13,000	0	0	0
10. Chitral	6,000	0	0	0
11. Mastuj	9.000	0	0	0
12. Trichmir	25,000	Immeasurable.		

(c) *Khyber:*

Snowfall and snow accumulation during the cold season January to March were reported to be below average. Total snowfall during and accumulation at the end of these months at different peaks is shown in table IV below:

TABLE IV

Locality	January		February		March	
	Fall	Acc.	Fall	Acc.	Fall	Acc.
	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
1. Tiranh (T.T.) ...	2 0	...	1 6	...	1 0	...
2. Morga Hills ...	1 0	0 9	*Nil*	0 8½	*Nil*	0 8
3. Tooro Sar ...	1 0	*Nil*	*Nil*	*Nil*	*Nil*	*Nil*
4. Lakka Sar ...	1 0	*Nil*	*Nil*	*Nil*	*Nil*	*Nil*

(f) *Kohat:*

There had neither been any snowfall in the area during the season nor there was any accumulation of snow at Samana Ranges.

(g) *North Waziristan:*

Snowfall was observed once in the month of January only in Razmak and Desali Tehsils which amounted to 4" and 3" on the peaks and 3" and 2" on the ground respectively.

(h) *D. I. Khan:*

There was neither any snowfall nor any accumulation during the season.

(i) *Kurram:*

Snowfall in the month of *January*, was reported to be 6¼" and 'nil' during the months of *February* and *March*. The snowfall was normal for the season. The amount of snow accumulation was not known exactly.

(j) *South Waziristan:*

During the whole season there was only 2" of snowfall in the month of January. A little snow accumulation was reported on the high peaks of Preghal. Fall and accumulation were below average.

IV. Punjab

Rawalpindi.—On Murree Hills there was 1" of snowfall in the month of *January* only. *February* and *March* did not receive any fall. Heaviest snowfall was 0.8" on 31st January when the snow line descended upto Murree proper, Pindi point, Kashmir point and Patriata.

Snowfall and snow accumulation during the period January to March were below average.

HOT WEATHER PERIOD, APRIL AND MAY

I. Afghanistan

Kabul.—There was no snowfall during the season in Kabul Valley. On Paghman and Hindukush Hills slight fall was observed once in April and twice in the month of May.

During the season passes were clear of snow. At the end of the season there was only thin covering on Paghman and Hindukush mostly confined to the tops of the hills.

Snowfall and accumulation were both below average.

II. Baluchistan

Quetta.—No snowfall was reported during the months of April and May. The accumulation was also nil.

III.—North-West Frontier Province

(a) *Hazara:*

Total Snowfall during April and May and accumulation at the end of May are given in the following table. These were reported to be below averge.

TABLE V

Locality	Elevations	Snowfall		Accumulation
		April	May	May
	ft. a.s.l.	ft. in.	ft. in.	ft. in
1. Kaghan	7,000	1 6	0 6	...
2. Palundran	7,500	2 1	0 9	0 3
3. Naran	8,000	2 9	1 3	0 6
4. Sarool	13,515	3 4	1 11	1 0
5. Mahli Burwai ...		4 2	2 4	1 3
6. Waiter	...	4 2	...	...
7. Raj Bhogi	15,891	5 3	3 4	2 0
9. Malakandi	...	0 6	...	...
9. Dunga Gali	8,000	1 0	...	...
10. Mukshpuri	9,243	1 6	...	...
11. Sattu	7,600	2 3	...	...
12. Birangali	6,600	1 11	...	...
13. Thandiani	8,000	2 6	...	...
14. Bajter		...	2 5	1 3

(b) *Malakand (Swat State):*

There were two unusual falls during the month of *April*. The snow line descended to the lower ranges. Owing to the simultaneous rains, the accumulation of snow on lower ranges or plain was not so high.

The depth of snow on well known peaks at the end of the month was 2½ ft. to 3½ ft. There was no snowfall during *May*. Accumulation of snow at the end of the month was reported to be 3 ft. approximately.

(c) *Chitral:*

Snowfall during the month of *April* at Lowari Top was 3 ft. which was reported to be above normal. During *May* there was no snowfall. Accumulation of snow at the end of April and May at Lowari Top was 4' and 0' respectively. The accumulation was normal.

(d) *Drosh:*

There was no snowfall during the season. Snow accumulation was reported to be 1' to 1½' above 8,000 ft. A.S.L. during April and 4" to 12" above 14,000 ft. A.S.L. during May. These were reported to be below average.

(e) *Khyber:*

A little snowfall was reported to have occurred on certain high peaks of Tirah during *April* and *May*, which melted away soon after.

Accumulation of snow at Morga Hills at the end of both April and May was 8", which was below average.

(f) *Kohat:*

There had been neither any snowfall nor any accumulation during the season.

(g) *North Waziristan:*

During *April* there was no snowfall. A little fall, however, was observed in *May* due to which weather remained extra-ordinarily cold.

Snow accumulation at the end of *May* was one inch at the peaks of Shoider Hills in Datta Khel Tehsil, Paranjin Hills, in Dosati Tehsil and Khamata and Makin Hills in Razmak Tehsil.

(h) *D. I. Khan:*

Snowfall and accumulation were nil during *April*. Report for *May* was not received.

(i) *Kurram:*

As usual there was neither any snowfall nor any snow accumulation during the season.

(j) *South Waziristan (Wana):*

During the season there was slight snowfall in the month of May only. Accumulation of snow on the high peaks of Pirghal was observed upto the end of May Snowfall and snow accumulation both were reported to be below average.

IV. Punjab

Rawalpindi (Murree Hills).—There was 2" of snowfall during April. May did not receive any fall. Snowfall and snow accumulation were reported to be below normal.

SOUTH-WEST MONSOON PERIOD, JUNE TO SEPTEMBER

I. Afghanistan

Kabul.—There was no snowfall during the period. At the end of *June*, Paghman tops were clear of snow, but there was a thin layer on the tops of Hindu Kush and its crevices. At the end of *July* snow was lying only on large cornices along high ridges over 13,000 ft. a.s.l. and in gullies and a few high valleys between 12-15,000 ft. a.s.l. At the end of *August* and *September*, the peaks were clear of snow.

II. Baluchistan

Quetta.—There was neither any snowfall nor any accumulation during the monsoon period.

III. North-West Frontier Province

(a) *Hazara:*

There was no snowfall during the period. Snow accumulation was reported at the end of July which was as follows:

TABLE VI

Locality	Elevation ft. a.s.l.	Snow accumulation at the end of July
1. Kaghan	7,000	*Nil*
2. Raj Bhogi	15,891	5"
3. Mahli Burwai	...	4"
4. Makra	12,733	4"
5. Paludran	7,500	3"
6. Malkandi	...	*Nil*

(b) *Malakand (Swat State):*

No snowfall occurred during the period. Snow accumulation was 2 to 3 ft. at high peaks of mountains, which was below average.

(c) *Chitral:*

There was neither any snowfall nor any snow accumulation during the monsoon period.

(d) *Drosh:*

No snowfall occurred during the months of June to September and due to clear weather and high temperature there was no accumulation of snow reported below 20,000 ft. A.S.L.

(e) *Khybers:*

There was no snowfall during the period under review. Accumulation of snow reported at Morga Hills at the end of June, July, August and September was 8", 8", 7.5" and 7" respectively.

(f) *Kohat:*

As usual there was no snowfall or snow accumulation during the period.

(g) *North Waziristan:*

Reports were not received.

(h) *D. I. Khan:*

Reports not received.

(i) *Kurram:*

As usual no snowfall occurred during June to September, 1955. High peaks were covered with snow at the end of June and July. Exact amount of accumulation was not known.

(j) *South Waziristan (Wana):*

Snowfall during the period was nil. It was reported that at the end of June there was slight accumulation of snow at high peaks. Both the fall and accumulation were normal.

IV. Punjab

Rawalpindi.—Snowfall and snow accumulation on MurreeHills were reported to be nil.

POST MONSOON PERIOD, OCTOBER TO DECEMBER

I. Afghanistan

Kabul.—In *October* and *November* no snowfall was observed in Kabul Valley, but slight falls were noticed on Paghman and Hindukush Ranges. Snowfall occurred seven times during the month of *December*. Total snowfall in Kabul Valley was about 4".

At the end of October and November, a thin covering of snow was noticed on the tops and crevices of the mountains. At the end of December, a thin covering of Snow was reported on the tops of surrounding Hills of Kabul Valley, shady places in the area had a thick layer and Paghman, Hindukush and Shiber were covered with snow.

The snow fall and accumulation during the season were reported to be normal.

II. Baluchistan

Quetta.—No snowfall occurred or snow accumulation observed till the end of *November*. During *December* high peaks of Murdar, Chiltan and Takatu were seen covered with snow on 7th, 10th and then on 14th to 16th. Slight granular snowfall accompanied with rain occurred on 21st on all the surrounding hills. At the end of the month only the tops of Murdar Chiltan and Takatu were thinly covered with snow.

III. North-West Frontier Province

(a) *Hazara:*

As usual no snowfall occurred or snow accumulations was observed upto the end of *November*. During the month of *December* eight falls were recorded. Information regarding the total amount of snowfall during the month and accumulation at the end of the month is given below:

TABLE VII

Locality	Elevation ft.a.s.l.	December	
		Snowfall	Snow Accumulation
		ft. in.	ft. in.
1. Thandiani	8,000	4 4	2 2
2. Dunga Gali	8,000	3 2	2 0
3. Sattu	7,600	2 11½	1 6
4. Mukshpari	9,243	4 6	3 0
5. Kaghan	7,000	1 4	1 0
6. Paludran	7,500	2 0	1 6
7. Naran	8,000	2 9	2 0
8. Sarool	13,515	3 7	3 0
9. Mahli Burwai		6 1	4 6
10. Raj Bhogi	15,891	5 7	...
11. Bajtar		2 8	...
12. Malkandi		1 0	...
13. Sundi Gali	7,000	1 2	0 6
14. Kund	8,000	1 2	1 0
15. Jachha	6,500	1 3	1 0
16. Baleja		0 6	0 3
17. Sharkoal		6	3
18. Battal		4	0
19. Nilbon		2	0
20. Seri Goria		3	0
21. Daroun		3	0
22. Kala Maira		3	0
23. Gali Badral		3	0
24. Kala Pahar		9	...

The snowfall and snow accumulation were both below normal.

(b) *Malakand (Swat State)*:

No snowfall was reported during *October* and *November*. In *December*, the mountainous regions had three falls each fall amounting to about 4". The snowline descended almost to the lower heights. Snow accumulation on mountain peaks at the end of the three months was about 2 to 3 feet.

(c) *Chitral:*

There was neither any snowfall nor any accumulation in *October*. Information regarding *November* and *December* is given below:

TABLE VIII

Locality	November		December	
	Snowfall	Accumulation	Snowfall	Accumulation
	in.	in.	in.	in.
1. Lowari Top ...	5	2	6	4
2. Trichmir ...	8	6	10	9

Both the snowfall and snow accumulation were not reported to be below average.

(d) *Drosh:*

There was no snowfall or accumulation during *October* and *November*. In *December* snowfall occurred on the surrounding hills at a height of 8,000 ft. to 14,000 ft. a.s.l. The amount of snowfall was reported to be 1' to 6' gradually rising one foot per 1,000 ft. of height above sea level.

The snowfall and accumulation were below normal.

(e) *Khyber:*

During the season, snowfall occurred on mountain peaks in *December* only, but melted away. Accumulation at Morga Hills at the end of each month of the season was about 7". The snow fall and accumulation were both below average.

(f) *Kohat:*

As usual, the snowfall and snow accumulation during the period were nil.

(g) *North Waziristan*:

Upto 18th December, total snowfall in the area was reported as follows:—

I. *Dattakhel*
- (a) Sheikh Haider Hills ... ... 2'
- (b) Shawal Plain ... ... } 1'
  - Mazdak Hills ... ... }
  - Dadan Hills and Charmirai ... }

II. *Razmak*
- (a) High Peaks of the Surrounding Hills ... 3"
- (b) Razmak Proper ... ... 1"

III. *Dosali* ... ... 1½"

(h) *D. I. Khan:*

Reports were not received.

(i) *Kurram:*

No snowfall occurred during the months of *October* and *November*. During the month of *December*, 2.5" snowfall was recorded by the Parachinar Observatory. The amount of accumulation could not be ascertained.

The snow fall and snow accumulation were reported to be normal.

(j) *South Waziristan (Wana)*:

There was no snowfall during *October* and *November*. *December* received two falls. The total amount of snowfall at various peaks was as follows:

TABLE IX

		Elevation	Total Snowfall December	
		ft. a.s.l.	ft.	in.
1.	Marwati Hills	5,000	7	3
2.	Janimela	7,000	8	3
3.	Shawal Hills	10,000	11	8
4.	Shinwarak	5,500	3	8

The amount of snow accumulation was not reported.

IV. Punjab

Rawalpindi (*Murree Hills*).—No fall or accumulation of snow was reported for *October* and *November*. During *December* there was 8″ of snowfall. Highest snowfall of six inches was on the 31st when the snowline descended to Murree, Pindi Point and Patriata.

The accumulation at the end of December was as given in the table below:

TABLE X

	Locality	Elevation	Snow Accumulation
		ft. a.s.l.	inches
1.	Kashmir Point	7,400	6
2.	Pindi Point	7,090	7
3.	Upper Topa	7,320	8
4.	Lower Topa	6,336	6
5.	Murree proper	7,085	8

The snow accumulation was almost normal.

SUMMARY

COLD WEATHER PERIOD, JANUARY TO MARCH

Snowfall was extraordinarily below normal in Afghanistan. In Baluchistan, N.W.F.P. and Punjab it was reported to be below average. The accumulations were also below average.

HOT WEATHER PERIOD, APRIL AND MAY

Snowfalls and accumulations were normal in Bluchistan and below normal elsewhere.

SOUTH WEST MONSOON PERIOD, JUNE TO SEPTEMBER

Snowfalls and accumulations were normal in Afghanistan, Baluchistan and Punjab. In N.W.F.P. as well, the falls and accumulation were normal except in Malakand and Drosh areas where these were below normal.

POST MONSOON PERIOD, OCTOBER TO DECEMBER

In Aighanistan, Baluchistan and Punjab, snowfalls and snow accumulation were normal. In North West Frontier Province these were below normal.

On the aggregate during the year, the snowfall and snow accumulation were both below average.

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ANNUAL SUMMARY

PART C

STORMS AND DEPRESSIONS

CONTENTS

	Page		Page
Storms and Depressions	C1	Local Storms	C7
Western Disturbances	C3	Tracks of Storms and Depressions	C8

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ANNUAL SUMMARY

PART C

STORMS AND DEPRESSIONS

In determining the formation of storms and depressions in the open seas, ship reports are evidently the most useful and authentic information, particularly those from ships located in the vicinity of these disturbances. However, the equipping of an increasing number of ships with Radar and with better warning facilities now available, there is a natural tendency for the ships to keep away from the storms and consequently any authentic information from the proximity of the storms is seldom available. Even otherwise ship reports from the north Indian Ocean are generally scanty. The following description of storms and depressions is, therefore, based mainly on the data of coastal stations and on whatever ship reports that were available at the forecasting offices.

During the year two storms and eleven depressions formed in the Bay of Bengal and one of these depressions moved to the eastern sector of North Arabian Sea, where it filled up. No depression or storm formed in the Arabian Sea. Both the storms in the Bay of Bengal formed during the period of retreating monsoon.

A detailed description of these storms and depression is followed by a list of western disturbances which affected weather during the year and of more important local storms. The easterly lows which were accompanied with strengthening of monsoon and caused heavy rains and floods have also been described. No reports of winds of force 9 or more on Beaufort scale were received from any of the ships.

1. *Depression of 6th & 7th May in the West Central Bay of Bengal.*—A trough of low pressure lay in the south Bay of Bengal on the 4th evening and pressure was falling over the area as indicated by the observations from the neighbouring coastal region. By the following morning it lay as a low pressure area. Rain associated with thunder was reported from a number of stations along the Coromondal coast and from Port Blair.

On the evening of 5th the low pressure area shifted westwards and became well-marked. Rain had fallen all along the Coromondal-Circars coast while the ship OSLIKA located at Latitude 16½°N and longitude 86°E, reported overcast skies with heavy intermittent rain indicating that conditions were markedly unsettled in southwest and adjoining southeast Bay of Bengal. A depression formed during the following night and was centred at 0300 GMT of the 6th within one degree of latitude 15°N and longitude 82°E. It remained practically stationary for some time and then moved northwards. It crossed coast near Coconada on the 7th morning and thereafter weakened into a low by the same evening.

The depression did not affect the weather in Pakistan.

2. *Depression of 16th to 18th May in south Bay of Bengal.*—A trough of low pressure lay in the south Bay of Bengal on the 15th morning. It shifted westwards and concentrated into a low pressure area by the following morning with feeble upper air cyclonic circulations extending upto 10,000 ft. level. By the same evening it concentrated further into a depression and was centred at 1200 hrs. GMT within one degree of latitude 11°N and longitude 85°E. It moved west-northwestwards and lay at 0300 hrs. GMT of the 17th within one degree of latitude 11.5°N and longitude 83°E. Continuing to move in the same direction, it crossed Coromondal coast by the evening of 18th and thereafter rapidly weakened into a low during the following night.

It did not, however, affect the weather in Pakistan.

3. *Shallow depression of 24th to 26th June in west Central Bay of Bengal.*—A trough of low appeared in west central and adjoining northwest Bay of Bengal on the 22nd morning. Feeble upper air cyclonic circulation was present almost upto 10,000 ft. level and pressure was falling all along the coastal districts of the Bay of Bengal with an appreciable pressure defect already present. Moderate to heavy rain fell along Kanara-Malabar-Coromondal coasts and at Port Blair indicating strengthening of the monsoon current. During the following night heavy rain continued to fall at Port Blair and a ship located near latitude 18.1°N. and longitude 87.7°E. reported thunder rain activity indicating that conditions were unsettled in the neighbouring seas.

By the 23rd morning the trough had developed into a well-marked low and pressure was still falling along Orissa-Circars coast when an increase in thunderstorm activity occurred during the evening.

A shallow depression formed during the night and was centered on the following morning within one degree of latitude 17°N and longitude 87°E. It crossed coast near Gopalpur on the 25th morning, weakened into a low and moved away west-northwestwards.

It caused fairly widespread rain and a few thundershowers in East Pakistan between the 23rd and 26th.

4. *Depression of 27th to 29th June in Northwest Bay of Bengal.*—Strong upper winds of Beaufort force 5 to 7 over peninsular India and moderate intermittent rain along Arakan and Tenasserm coasts were indicative of a strong monsoon current. The seasonal trough of low pressure extended into the north Bay of Bengal and pressure was falling rapidly along neighbouring coastal regions.

A marked upper air cyclonic circulation appeared by the 27th morning and the eastern end of the seasonal trough developed into well-marked a low pressure area.

The fall of pressure continued and by the evening of 27th a depression formed in the north Bay of Bengal centred at 1200 hrs GMT within half a degree latitude 21°N and longitude 87°E. It moved north-westwards, crossed the Orissa coast during night and weakened into a low over Bihar by the 29th. It caused fairly widespread rainfall in East Pakistan between the 27th and 29th.

5. *Deep depression of 26th August to 3rd September in Northwest Bay of Bengal.*—Strengthening of monsoon was evident since the evening of 23rd when a general increase in rainfall activity and freshening of upper winds occurred over peninsular India. Upper windsof Beaufort force 6 or more were prevailing at most of the peninsular coastal stations on the 24th and simultaneously a trough of low had appeared in west central and adjoining north Bay of Bengal with pressure falling over there.

A trough of low pressure concentrated into a well-marked low pressure area by the 25th morning and cyclonic circulation extended at least upto 5,000 ft. The circulation became more pronounced by the evening and thunderstorm activity and heavy rain was reported from Orissa-Circars coast indicating that conditions had become markedly unsettled in the neighbouring sea.

A depression was formed by the 26th morning and was centred at 0300 hrs. GMT within half a degree of latitude 19°N and longitude 87°E. It became deep by the 27th morning and lay with its centre at 0300 hrs. GMT within half a degree of latitude 19°N and longitude

85½°E. It crossed the coast near Gopalpur on the envening of 27th, weakened into a depression and lay with its centre about 30 miles northwest of Gopalpur on the next morning. It moved northwestwards, weakened further into a shallow depression with its centre on 29th morning about 80 miles south-east of Raipur and again about 80 miles southeast of Jubbulpur on the 30th morning and about 60 miles north of Bhopal on the 31st August. On the first of the following month it was centred about 50 miles south-southwest of Kotah and weakened into a low on the 2nd morning over west Rajasthan. It finally became unimportant over Sind on the 3rd.

It caused scattered to local rainfall in East Pakitan between the 26th and the 31st August and scattered thunder-showers in Sind, the upper N.W.F.P. and the Punjab between the 1st and the 3rd September.

6. *Deep depression of 2nd to 9th September in the north Bay of Bengal.*—On the morning of 1st September there was a marked pressure defect over the whole Indo-Pakistan subcontinent and pressure was falling along the coastal districts of the north Bay of Bengal where a feeble upper air cyclonic circulation was present.

An increase in rainfall activity along Arakan and Tenasseram coasts was noticed since the previous morning and a freshening of upper winds had occurred at Port Blair indicating the strengthening of the monsoon in the Bay of Bengal. Locally moderate to heavy rain accompanied with thunder was also reported from Chittagong-Arakan coasts and conditions were apparently unsettled in the north Bay of Bengal, where a depression formed by the following morning. The Depression was centred at 0300 hrs. GMT of the 2nd within half a degree of latitude 21°N and longitude 89°E. Pressure continued to fall rapidly and by 1200 hrs. GMT the depression had become deep with a large pressure defect at the centre (exceeding 8 mbs). There was, however, no indication that it concentrated further into a cyclonic storm since the maximum surface wind of Beaufort force 5 was reported from Sandheads which was about 40 miles to the southwest of the depression.

It moved northwestwards, crossed coast near Balasore weakened into a depression and was centred about 20 miles northwest of Balasore on the 3rd morning. Then continuing to move west or northwestwards, it was centred near Sambalpur on the 4th, about 50 miles north of Jubbulpur on the 5th and again about 50 miles northwest of Guna on the 6th. It continued to move further west-northwestwards, weakened into a shallow depression and lay about 50 miles east of Barmer on the 7th. Thereafter it moved west-southwestwards, emerged into the eastern sector of north Arabian sea on the 8th and finally weakened into a trough of low off Makran coast on the 9th.

Under its influence widespread and locally heavy rain fell in West Pakistan from the 4th to the 8th September causing great misery and hardship to the people of Khairpur and Hyderabad divisions where flood conditions were already prevailing.

7. *Depression of 7th to 10th September in West Central and adjoining northwest Bay of Bengal.*—Monsoon was strong during the early part of September as indicated by winds of Beaufort force 6 over peninsular India and moderate intermittent rain along the Malabar and Coromondal coasts.

From the evening of the 5th, moderate continuous rain commenced at Port Blair and extended to Arakan coast while some thunderstorm activity was reported from Chittagong coast and deltaic West Bengal. Simultaneously a fall of pressure was noticed around central and adjoining northwest Bay of Bengal and by the following morning, a low pressure area appeared over there with feeble cyclonic circulation extending upto 5,000 ft. level. The circulation became well-marked by the 6th evening and the low pressure area shifted northwestwards.

A shallow depression formed in west central and adjoining northwest Bay of Bengal by the 7th morning and was centred at 0300 hrs. GMT within half a degree of latitude 18°N and longitude 86°E. It remained practically stationary and weak till the evening of 8th, due to the pressure of another depression which was moving west-southwest-wards across south Rajasthan causing diversion of a part of the monsoon current crossed coast during the night and was centred at 0300 hrs. GMT of the 9th about 100 miles west-northwest of Gopalpur and finally weakened into a low over Madhyapradesh by the evening of 10th. It caused local rainfall over East Pakistan between the 7th and the 9th and fairly widespread rain with locally heavy falls, subsequently for about a week when monsoon strengthened in its wake.

8. *Shallow depression of 21st September in Northwest Bay of Bengal.*—The indication of a low pressure wave entering the east central Bay of Bengal was first available on the evening of 19th September 1955 when Rangoon and Port Blair recorded thunderstorms and the upper winds upto 3,000 ft. backed to north-easterlies across Chittagong coast. On the morning of 20th, Bassein reported 3 inches of rainfall. The rainfall activity ceased in the forenoon indicating the movement of the wave further westwards.

The wave entered the east central Bay of Bengal by the evening of 20th and the upper winds changed to northeasterly upto about 5,000 ft. along Orissa and Sunderbans coast. On the morning of the 21st Sandheads reported thunderstorms followed by rain when the cyclonic circulation over the northwest Bay of Bengal extended upto 10,000 ft. and the pressure started falling along Orissa and Sunderbans coasts. The conditions thus became markedly unsettled in northwest Bay of Bengal and ultimately concentrated into a shallow depression on the 21st withi ts centre at 1200 hrs. GMT within a degree of latitude 18°N and longitude 88°E. Sandheads reported a surface wind of 5 Beaufort Scale. The weather activity increased along Orissa coast on the same evening and the shallow depression crossed the coast during the night and weakened as a low over Orissa.

It caused scattered to local rain or thundershowers in the eastern and the deltaic subdivisions of East Pakistan between the 20th and the 23rd of September.

9. *Depression of 22nd September in the West Central Bay of Bengal.*—A low pressure wave entered the southeast Bay of Bengal on the morning of 19th and by the same evening light rain occurred along Coromondal-Circars coast and the pressures started falling in that area. The weather activity increased on the 20th in the south and adjoining central Bay of Bengal and along the Circars coast where surface winds upto Beaufort force 5 were reported. It rained at Port Blair almost continuously from the afternoon of 20th to the afternoon of 21st when 1 inch of rainfall was recorded by the evening of 20th and a total of 4" by 0300 hrs. GMT of 21st. The pressure defects along the coast were then 2 to 3 Mbs.

A depression formed on the morning of 22nd with its centre at 0300 hrs. GMT within a degree of latitude 15°N and longitude 85°E with associated cyclonic circulation extending upto 2,000 ft. Rainfall of the order of 2" to 5" was reported from Circars and Orissa coasts. The depression moved nothwestwards and was centred at 0300 hrs. GMT of 23rd within a degree of latitude 16½°N and longitude 83°E. It crossed Circars coast the same evening and weakened into a low over Andhradesa and adjoining areas.

It did not, however, cause any weather in East Pakistan.

10. *Deep depresstion 30th September to 6th October in West central and adjoining northwest Bay of Bengal.*—As a result of temporary retreat of monsoon to south Bay of Bengal during the third week of September, tropical maritime air held away over the northern parts of the Bay of Bengal causing a general decrease of rainfall activity over there and in East Pakistan with mainly easterly to southeasterly winds extending as far south as Port Blair. However, the southwest monsoon current again began to surge northwards and on the 26th, Port Blair wind upto 2,000 ft. level changed to a southwesterly direction and strengthened from 10-15 knots to 20-25 knots causing moderate intermittent rains at that station. Strengthening of the southwesterly current occurred by the 28th and extended upto 10,000 ft. level at Port Blair.

By the 29th morning an upper air cyclonic circulation had established itself in central and adjoining northwest Bay of Bengal. Conditions became markedly unsettled over there the same evening and moderate rain, accompanied with thunder was reported from a number of stations along Orissa coast.

The unsettled conditions then shifted northwestwards and a depression formed in west central and adjoining northwest Bay of

Bengal by the 30th morning when it was centred at 0300 hrs. GMT within half a degree of latitude 19°N and 88°E. Pressure fell rapidly and by the evening of 30th the depression had become deep. The lowest estimated pressure was 992 mbs at 1200 hrs. GMT.

It crossed coast near Cuttack the same evening and was centred at 0300 hrs. GMT of 1st October about 70 miles east of Raipur. It weakened into a depression by the same evening and then moving northwestwards was centred at 0300 hrs. GMT about 50 miles west-south-west of Jubbulpur on the 2nd 60 miles northwest of Bhopal (Bharat) on the 3rd and about 30 miles south of Kotah (Bharat) on the 4th. Thereafter it remained stationary for sometime, deepened slightly on being fed by the Arabian Sea branch of monsoon current and then moving northwards was centred about 60 miles south of Ludhiana (Bharat) on the 5th. It started weakening rapidly since then and ultimately broke up into the hills of southern Kashmir by the 6th of October.

It caused farily widespread rainfall in East Pakistan between the 30th September and the 3rd October and locally heavy to very heavy rainfall in the north Punjab and the adjoining catchment areas of the rivers between the 5th and the 6th October. As a result of the heavy downpours unprecendented floods occurred in rivers Ravi, Chenab and Sutlej which ravaged extensive areas in the districts of Lahore, Sialkot, Sheikhupura, Lyallpur, Muzaffargarh, Multan, and Bahawalpur causing heavy loss of life and colossal damage to crops and property.

11. *Cyclonic Storm of 11th and 12th October in the West Central Bay of Bengal.*—In the wake of a depression which crossed Orissa coast at the end of September, the southwest monsoon current was fairly strong and extended over the whole Bay of Bengal causing fairly widespread rainfall in the eastern and the deltaic sub-divisions of East Pakistan and along Arakan and Tenasseram coasts till the 3rd October.

A low pressure area appeared in the Andaman Sea on the 4th October and marked decrease in rainfall activity was noticed in the aforementioned areas. Southerly upper winds upto 7,000 ft. level were replaced by east to northeasterly winds around the northern parts of the Bay of Bengal while the southwesterly equatorial maritime air was now restricted only upto Port Blair. Pressure started falling in the neighbouring region, upper air cyclonic circulation became pronounced in the Andaman Sea during the next 36 hours, and moderate to heavy intermittent rain continued to fall at Port Blair while thunder rain activity was also reported from stations around the Gulf of Martaban and the Arakan coast indicating that conditions were markedly unsettled in the neighbouring Seas.

A depression formed by the morning of 6th October when it was centred at 0300 hrs. GMT about latitude 12°N and longitude 92°E. It moved north-northwestwards with centres within a degree of latitude 15°N and longitude 92°E on 7th, 16½°N and 91°E on 8th, 17°½N and longitude 90°E on 9th and 18°N and 88°E on the 10th of October. It then moved in a more westerly direction and rapidly intensified into a cyclonic storm by the morning of the 11th when it was centred within half a degree of latitude 18½°N and longitude 84½°E with a central pressure of 998 mbs. The maximum pressure defect 11.4 mbs was recorded at Gopalpur. It crossed Circars coast near Gopalpur the same evening, weakened into a deep depression centred at 0300 hrs. GMT, about 80 miles south of Jabbulpur on the 12th and continued moving in a northwesterly direction till the 13th when it lay at 0300 hrs. GMT close to Agra. It took a northerly course thereafter and lay close to Delhi on the 13th evening. Finally it broke up in the Simla hills on the 14th.

It caused scattered rainfall in East Pakistan between the 6th and the 10th and fairly widespread rainfall in the deltaic sub-divisions on the 11th and 12th. Although it did not cause any rainfall in West Pakistan, the heavy rainfall in the neighbouring Indian region temporarily aggravated the flood situation in West Pakistan.

12. *Depression of 16th to 17th October in east central and adjoining South Bay of Bengal.*—On the evening of the 13th a low pressure area entered the Andaman Sea and moved in a westerly direction. By 1200 hrs. GMT of the 15th it lay as a marked low pressure area in east central and adjoining southeast Bay of Bengal.

A ship located at latitude 13.2°N and longitude 83.4°E reported squally weather at 1200 hrs. GMT with northeasterly winds reaching Beaufort force 6, overcast skies and light rain while some thunderstorms were reported from Coromondal coast. Feeble cyclonic circulation in the upper air extended upto 10,000 ft. level and pressure was falling along the coastal districts with a slight pressure defect already present.

By 0300 hrs. GMT of the 16th the well-marked low pressure area had further concentrated into a depression centred within one degree of latitude 13°N and longitude 84°E.

It did not gain momentum nor showed any appreciable movement but died away as a low pressure area off Coromondal Circars coast by the 17th evening.

It did not cause weather over West Pakistan.

13. *Cyclonic Storm 5th to 7th November in Southwest Bay of Bengal.*—An easterly low pressure wave entered the south Andaman sea on the evening of 2nd November and moved westwards. Moderate intermittent rain accompanied with thunder was falling at Port Blair at 1200 hrs. GMT of the 3rd while pressure was falling in the neighbouring region with a marked pressure defect already present.

On the following evening rainfall at Port Blair was still continuing while a number of ships in the south Bay of Bengal had reported overcast skies with light to moderate intermittent rain. Cyclonic circulation was also becoming well-marked in the upper air and conditions were apparently unsettled in the south east Bay of Bengal.

A depression formed over there by the morning of the 5th when it was centred at 0300 hrs. GMT within one degree of latitude 13°N and longitude 87°E. Pressure continued to fall rapidly and by the evening the depression had become deep.

It concentrated into a cyclonic storm during the night and was centred on the 6th morning within half a degree of latitude 15.5°N and longitude 84°E. No ship observations were available. However, pressure defect of 13.3 mbs at Coconada in the morning and 14.6 mbs at Vizagapatam in the evening. Strong surface and upper winds and heavy rains reported from a number of stations along Orissa-Circars coast indicated the intensity of the circulation. The lowest estimated pressure was 992 mbs.

The storm was centred at 07,0300 hrs. GMT within half a degree of latitude 16°N and longitude 83°E. It then weakened into a depression and took a northeasterly track with its centre at 08,0300 hrs. GMT within half a degree of latitude 18°N and longitude 85°E and latitude 21.5°N and longitude 90.5°E on the 9th morning. It further weakened into a low by the 10th morning and moved away northeastwards across the East Pakistan

It caused widespread rain with locally heavy falls in East Pakistan between the7th and the 10th and scattered rain during the next three days. The heavy downpours, caused floods in the Chittagong hill tracts and the coastal district of East Pakistan during the second week of November.

WESTERN DISTURBANCES

The western disturbances which affected the weather over West Pakistan and East Pakistan during the year 1955 are listed below in chronological order along with brief notes on their associated weather. The disturbances during the period July to September were generally westerly low pressure waves which moved to the north of West Pakistan. They affected the weather over the region through accentuation and northward shift of the seasonal low.

WEST PAKISTAN

S. No.	*Dates*	*Associated weather*
1.	January 1—3	Scattered rain or thunderstorms in south Baluchistan on the 1st, fairly widespread rain with snowfall over hills in north Baluchistan and

S. No.	Dates	Associated weather
		scattered showers in south Baluchistan and upper Sind on the 2nd. Local rain in North Punjab and scattered in the N.W.F.P., south Punjab and north Baluchistan with snowfalls over hills on the 3rd.
2.	4—5	A few light falls of rain in Baluchistan.
3.	6—7	Local rain over Baluchistan on the 6th, light rain or snow at a places in Baluchistan, the Punjab and upper N.W.F.P. on the 7th.
4.	11—13	Scattered rain or snow in north Baluchistan, the N.W.F.P. and the Punjab on the 11th, and a few falls over the N.W.F.P. and the Punjab on the 12th and only over Murree hills on 13th.
5.	15—17	Scattered light rain or drizzle in north Baluchistan.
6.	19—22	Scattered rain in Baluchistan on the 19th and local rain or thundershowers on the 20th. Fairly widespread rain/thunderstorms in Baluchistan, local in Sind and scattered in south Punjab and lower N.W.F.P. on the 21st. Fairly widespread light rain or drizzle in Sind, local in Baluchistan and Punjab and scattered in N.W.F.P. on the 22nd. A few snowfalls also occurred in the hills of northeast Baluchistan and the Punjab during the same period.
7.	23—25	Scattered rain in Baluchistan and the N.W.F.P. on the 23rd and 24th and local in north Punjab on the 25th.
8.	26—31st	Scattered rain in north Baluchistan on the 28th, fairly widespread over there on the 29th, local rain or drizzle in Baluchistan and scattered in the Punjab and Sind on the 30th, and fairly widespread in north Punjab and scattered in upper N.W.F.P., north Baluchistan and Sind on the 31st.
9.	February 1—2	Local rain in Punjab and scattered rain or drizzle in N.W.F.P. on the 1st. A few falls of rain in north Baluchistan on the 2nd.
10.	2—5	Scattered rain or snow there on the 3rd and 4th and few snowfalls in the Murree hills on the 5th.
11.	8	Isolated drizzle in the upper N.W.F.P.
12.	10	Isolated drizzle in the north Punjab and a few duststorms in the South Punjab and the upper N.W.F.P., on the 10th.
13.	18	Isolated duststorm in the upper N.W.F.P. on the 18th.
14.	22—23	Scattered thunderstorms and drizzle in Sind and south Punjab on the 22nd, thunderstorms or shower in the Punjab and upper N.W.F.P. on the 23rd.
15.	25—26	Scattered dust or thunderstorms in north Baluchistan and north Punjab and local thunder showers in N.W.F.P. on the 25th.
16.	26—27	A few thunderstorms or light showers in south Punjab and south Baluchistan and upper Sind on the 27th.
17.	28 Feb.—3rd Mar.	Fairly widespread thunderstorms and showers in Sind and scattered in Punjab on 28th, fairly widespread thunderstorms and showers in the Punjab and Sind and local in N.W.F.P. and northeast Baluchistan on the 1st, and widespread in north Punjab, local in the N.W.F.P. and scattered in south Punjab on the 2nd and a few snowfalls in Murree hills on the 3rd.
18.	4—6	A few falls of rain in upper N.W.F.P. in all the days and in north Punjab on the 6th.
19.	8—9	Local rain or drizzle in upper N.W.F.P. and scattered light rain or snow in Punjab hills on the 8th and the 9th.
20.	10—11	Local rain or thundershowers in the N.W.F.P. and a few duststorms in Sind and Punjab on the 10th.
21.	10—13	Local rain in Baluchistan on the 10th, fairly widespread in N.W.F.P. and Baluchistan and thunder storms in Sind on the 11th, fairly widespread rain or thundershowers in the N.W.F.P. and north Baluchistan and scattered in Punjab, South Baluchistan and Sind on the 12th and scattered to local over these provinces on the 13th.
22.	14—17	Local rain in north Baluchistan and scattered in the N.W.F.P. and north Punjab on the 14th, fairly widespread thundershowers in the N.W.F.P. and north Baluchistan and scattered in lower N.W.F.P., south Punjab and Sind on the 16th. and isolated rain in the N.W.F.P. on the 17th
23.	19—21	Scattered rain or thundershowers in N.W.F.P. and north Punjab on the 20th and 21st.
24.	22—24	Local rain or drizzle in upper N.W.F.P. and scattered in north Punjab on the 23rd and scattered in both on the 24th.
25.	25th	Scattered light rain or drizzle in north Baluchistan on the 25th.
26.	26—27	Local rain or thundershowers in N.W.F.P. and scattered in the Punjab on the 26th and a few showers in the Murree hills on the 27th.
27.	28—31	Local to fairly widespread rain or drizzle in the N.W.F.P. and scattered in north Punjab between the 28th and the 30th, scattered to local over these parts and a few duststorms in Baluchistan and Sind on the 31st.
28.	April 1—2	A few falls of drizzle in the upper N.W.F.P. on the 1st and 2nd.
29.	11—14	Fairly widespread thunderstorms or showers in north Punjab and upper N.W.F.P., local in lower N.W.F.P. and south Punjab on the 12th and scattered to local dust or thunderstorms in Sind and Baluchistan between the 12th and the 13th, fairly widespread rain or thundershowers in north Punjab, local in N.W.F.P. and a few duststorms in Sind on the 14th.
30.	15	Scattered thundershowers in north Punjab hills on the 15th.
31.	16—18	Light rain or thundershowers in the N.W.F.P. and north Punjab on the 16th and a few falls of drizzle in N.W.F.P. on the 17th and the 18th.

S. No.	Dates	Associated weather
32.	23—24	A few thunderstorms in sub-mountain districts of north Punjab on the 24th.
33.	25—26	Scattered rain or thunderstorms in north Baluchistan and dust storms in south Baluchistan and plains of Punjab on the 25th. Thunderstorms or showers in upper N.W.F.P., Punjab and north Baluchistan on the 26th.
34.	28—29	Fairly widespread rain or thundershowers in north Punjab and local in N.W.F.P. on the 28th and local thunderstorms or showers in both of those on the 29th.
35.	30th April to 1st May.	Scattered thunderstorms or showers in upper N.W.F.P. and north Punjab hills on the 30th and thunderstorms over the latter on the 1st.
36.	2—3	Fairly widespread thunderstorms or showers in N.W.F.P., scattered in Punjab and dust or thunderstorms in south Baluchistan and upper Sind on the 2nd and scattered rain or dust thunderstorms activity in Punjab, upper N.W.F.P., upper Sind and Baluchistan on the 3rd.
37.	4—7	Local light rain or thundershowers in upper N.W.F.P., and north Baluchistan and a few thunderstorm in upper Sind on the 4th, scattered to local rain or thunderstorms in north Baluchistan south Punjab and upper Sind on the 6th and fairly widespread thunderstorms or showers in north Punjab and scattered in south Punjab and duststorms in Sind on the 7th.
38.	7—8	Fairly widespread thunderstorms or showers in NE Baluchistan and N.W.F.P. on the 7th, local N.W.F.P. and north Punjab on the 8th.
39.	9—11	Fairly widespread rain or thundershowers in north east Baluchistan and local in N.W.F.P. and the Punjab and duststorms in Sind onthe 9th, fairly widespread rainfall in N.W.F.P. and north Punjab on the 10th and in the latter on the 11th.
40.	11—12	Fairly widespread rain or thundershowers in N.W.F.P. and light rain in north Baluchistan on the 11th and scattered thunderstorms or showers in upper N.W.F.P. on the 12th.
41.	14—16	Scattered to local thunderstorms or showers in upper N.W.F.P. and north Punjab.
42.	17—18	A few falls of light rain or drizzle in upper N.W.F.P. and northeast Baluchistan on the 17th and 18th.
43.	19—20	Isolated thunderstorms in N.W.F.P. on the 19th and a few thunderstorms or showers in upper N.W.F.P. and the north Punjab hills on the 20th.
44.	22—23	Scattered showers or dust-thunderstorms activity in the region outside south Baluchistan and upper Sind between the 22nd and 23rd.
45.	24—25	Scattered to local thunderstorms or showers in upper N.W.F.P., north Punjab and northeast Baluchistan on the 24th, local to fairly widespread rain or thunderstorms in upper N.W.F.P. and north Punjab and scattered in Baluchistan, upper Sind and south Punjab on the 25th.
46.	26—27	Fairly widespread rain or thundershowers in N.W.F.P. and north Punjab and a few thunderstorms or showers in Baluchistan and Sind on the 26th and scattered in upper N.W.F.P., Murree hills and northeast Baluchistan on the 27th.
47.	28th—1st June	A few thunderstorms or showers in N.W.F.P. and north Punjab hills during the period.
48.	2—3	Scattered dust thunderstorms in N.W.F.P. and north Punjab on the 2nd and local thunderstorms or showers in the upper N.W.F.P. and isolated in north Punjab on the 3rd.
49.	3—4	Local light rain thunderstorms in north Punjab and N.W.F.P. on the 4th.
50.	5—6	Local thunderstorms in upper N.W.F.P. and scattered in Punjab on the 5th and isolated drizzle in upper N.W.F.P. on the 6th.
51.	6—8	Scattered dust/thunderstorms in the N.W.F.P. on the 7th.
52.	11—12	Isolated drizzle in south Punjab and isolated duststorms in north Punjab on the 11th and isolated thunderstorms in north Punjab hill and the upper N.W.F.P. and isolated light rain in south Punjab and the lower N.W.F.P. on the 12th.
53.	13—14	Scattered to local thunderstorms or showers in N.W.F.P., northeast Baluchistan and north Punjab on the 13th and 14th.
54.	17—18	Scattered drizzle and isolated thunderstorms in N.W.F.P. on the 17th and local thunderstorm showers in the north Punjab and N.W.F.P. and scattered dust/thunderstorms in South Punjab and isolatated thunderstorms in North Baluchistan on the 18th.
55.	19—21	Fairly widespread thunderstorms with scattered duststorms or thundershowers in N.W.F.P., Punjab and north Baluchistan between the 19th and the 21st.
56.	22	Scattered dust/thunderstorms in the Punjab on the 22nd.
57.	27—29	Local thunderstorms or showers in north Baluchistan, N.W.F.P. and north Punjab between the 27th and the 29th and a few dust-storms in Baluchistan on the first day.
58.	July 4—5	Local rain or thundershowers in north Punjab and scattered dust/thunderstorms in N.W.F.P. on 4th and 5th.
59.	6—8	Local to fairly widespread rain or thundershowers in north Punjab and upper N.W.F.P. and scattered duststorm in south Punjab and lower N.W.F.P. during the period.
60.	29—30	Scattered rain or thundershowers in north Punjab and N.W.F.P. on both days.
61.	August 1—3	Scattered rain or thundershowers in the N.W.F.P., Punjab and north Baluchistan between the 1st and 3rd.
62.	6—8	Scattered dust or thundershowers in north Punjab and upper N.W.F.P. on the 6th and fairly widespread thundershowrs in north Punjab and the N.W.F.P. between the 7th and the 8th. Very heavy rain fell at a few places in the

S. No.	Date	Associated weather
		N.W.F.P. during the period and caused flood conditions there.
63.	11—14 & 18—21	Fairly widespread rain or thundershowers in north Punjab and the N.W.F.P. and local in south Punjab and north Baluchistan on the 13th and fairly widespread thunderstorms or showers in north Punjab and the N.W.F.P. and local in north Baluchistan and local rain in south Punjab on the 14th. The recurrence of moderate to heavy falls in the N.W.F.P. contributed to the persistancy of flood conditions already prevalent over there.
64.	27—30	Scattered to local thunderstorms or showers in north Punjab and N.W.F.P. and a few in south Punjab and north Baluchistan between the 27th and the 30th.
65.	September 13—15	Scattered to local rain or thundershowers in N.W.F.P. and north Punjab during the period and heavy falls over the latter on the 14th.
66.	16—17	Local to fairly widespread rain or thundershowers in north Punjab and scattered in the N.W.F.P.
67.	18—19	Fairly widespread thunderstorms or showers in upper N.W.F.P. and scattered in north Punjab on the 19th.
68.	20—22	Scattered thunderstorms in the N.W.F.P. during the period.
9.	October 1—2	Scattered to local thunderstorms or showers in N.W.F.P. and north Punjab during the period.
70.	10—11	Scattered to local thunderstorms or showers in N.W.F.P. and north Punjab during the period.
71.	15—16	Scattered thunderstorms or showers in N.W.F.P. and north Punjab hills on 15th and 16th.
72.	November 6—7	Scattered rain or drizzle in Baluchistan and N.W.F.P. on the 7th.
73.	December 7—8	Scattered rain or drizzle in Baluchistan and N.W.F.P. between the 7th and the 8th.
74.	9—10	Scattered rain or drizzle in Northeast Baluchistan and upper N.W.F.P.
75.	12—14	Scattered to local rain in Baluchistan and lower N.W.F.P. and on the 13th, fairly widespread in N.W.F.P. and Baluchistan and scattered in north Punjab and Sind on the 14th.
76.	15—18	Widespread rain or drizzle in north Punjab and scattered to local in south Punjab, N.W.F.P. and south Baluchistan on the 15th, scattered in Baluchistan, N.W.F.P. and south Punjab on the 16th and in N.W.F.P. and Punjab hills on the next two days.
77.	19—23	Scattered showers in West Baluchistan on the 19th, in N.W.F.P. and north Baluchistan on the 21st, in north Punjab on the 22nd and a few snowfalls in the Murree hills on the 23rd.
78.	30—31	A few falls of rain or snow in Baluchistan, N.W.F.P. and extreme north Punjab on the 30th and scattered in Northeast Baluchistan, N.W.F.P. and north Punjab on the 31st.

EAST PAKISTAN

S. No.	Dates	Associated weather
1.	January 18—20	Scattered rain in the northern and eastern sub-divisions on the 18th, 19th, and 20th.
2.	23—25	Local rain or drizzle in the northern sub-divisions from 23rd to 25th.
3.	February 1—2	Scattered light rain or drizzle in the eastern and Deltaic sub-divisions.
4.	5—6	Local rain or drizzle in the northern and scattered in eastern sub-divisions on the 5th and scattered in Deltaic and eastern sub-divisions on the 6th.
5.	11th	Local rain or drizzle in the northern sub-divisions on the 11th.
6.	March 3—4	A few thundershowers on the 3rd and 4th.
7.	17—19	Local thunderstorms or showers in East Pakistan on the 18th and the 19th and isolated in northern sub-divisions on the 17th.
8.	21—22	Scattered rain or thundershowers in the eastern sub-division on both the days.
9.	26th	Local thundersqualls and light rain in the eastern sub-division and scattered elsewhere on the 26th.
10.	27—29	Local to fairly widespread rain or thundershowers over the region between the 27th and 29th.
11.	31st—1st April.	Scattered rain or thundershowers in the eastern sub-division on both the days.
12.	7—9	Local to fairly widespread thunderstorms or shower during the period over the whole region.
13.	10—11	A few light showers over the region on the 10th and in the eastern sub-division on the 11th.
14.	11—12	Scattered to local thunderstorms or showers over the region between the 11th and the 12th.
15.	12—14	Scattered thunderstorms or showers in the eastern sub-division on the 12th and the 14th, fairly widespread in the Deltaic sub-division on the 13th and scattered on the 14th.
16.	16—17	A few thunderstorms or showers in the northern sub-division on the 16th and in the eastern Deltaic sub-divisions on the 17th.
17.	May 6—7	Local rain in Deltaic sub-division on the 6th and a few thunderstorms in the eastern sub-divisions on the 7th.
18.	8—9	Fairly widespread thunderstorms in the northern sub-division and scattered in the eastern sub-division on the 8th and fairly widespread thunderstorms/showers in the whole region on the 9th.
19.	10—11	A few light falls of rain on the 10th and the 11th.
20.	12—14	Scattered thunderstorms/showers in the eastern sub-division on the 12th and the 14th and fairly widespread in the Deltaic sub-division on the 13th and 14th.
21.	June to December	No western disturbances.

EASTERLY MONSOON LOWS

The following is the description of the easterly lows which were accompanied by the strengthening of monsoon and caused heavy rainfall and flood conditions over the central and southern parts of West Pakistan.

(1) *Monsoon low 10th to 15th August from Central parts of India to Sind.*—A well marked low appeared over central parts of India on the 10th and moved to Rajasthan by the 12th. Thereafter continuing to move westnorthwest-wards, it lay over Sind on the 13th morning and finally merged into the seasonal low over Baluchistan by the 14th evening. In its association strengthening of monsoon took place practically over the whole of West Pakistan. Widespread and locally heavy rain fell in Sind on the 13th and the 14th and scattered in south Punjab and Sind on the 11th and the 12th under the influence of this low. Simultaneously heavy rain also fell locally in Punjab and N.W.F.P. under the combined influence of the strengthening of monsoon and passage of westerly low pressure waves across the north. These heavy falls resulted in flood conditions in West Pakistan.

(2) *Monsoon low 20th to 26th August over Sind and adjoining areas.*—A low moved westnorthwest-wards to Rajasthan on the 19th and to Sind the next day. It gradually filled up over there during the next 6 days. It caused local to fairly widespread rain or thundershowers in Sind between the 19th and the 22nd and scattered on the 20th and the 26th. These falls added up to the already prevailing flood conditions in Sind resulting in heavy falls in upper catchment areas and the melting of snow.

LOCAL STORMS

Of the local storms reported in newspapers, the following were noteworthy.

March 17th.—The norwester which swept over Dacca on 17th afternoon, claimed the lives of three persons when a boat capsized in Burigonga. Hundreds of thatched houses fell and scores of trees were uprooted. Cyclonic winds, accompanied by torrential rain ripped up corrugated iron sheets from house tops and flung them at great distances away. Windows were torn up and telephone connections were dislocated in several parts of the city. Railway traffic was also affected for a short while by large trees being uprooted and flung across the track.

March 25th.—During the night of March 25th a severe cyclone hit Tezgaon, Dacca and other adjacent places. It is learnt that two aircraft of the Government—one Sealand and other Aure XIX—seem to have been completely wrecked and two others were damaged as a result of collapse of a hangar at Tezgaon. Six aircrafts of flying club were also wrecked.

April 2nd.—More than 100 persons were injured, nine seriously when a violent storm accompanied by rain, swept over Muzzafarganj, Payalgacha, and two more unions of Sadar south sub-division of the district on Tuesday afternoon. About 700 families of 18 villages were badly affected. Muzzafargonj High School and the mosque and dispensary were badly damaged. Innumerable trees were also uprooted.

April 15th.—Wheat crop and fruit gardens suffered severe loss due to hailstorm according to reports received from the suburbs and other parts of Peshawar.

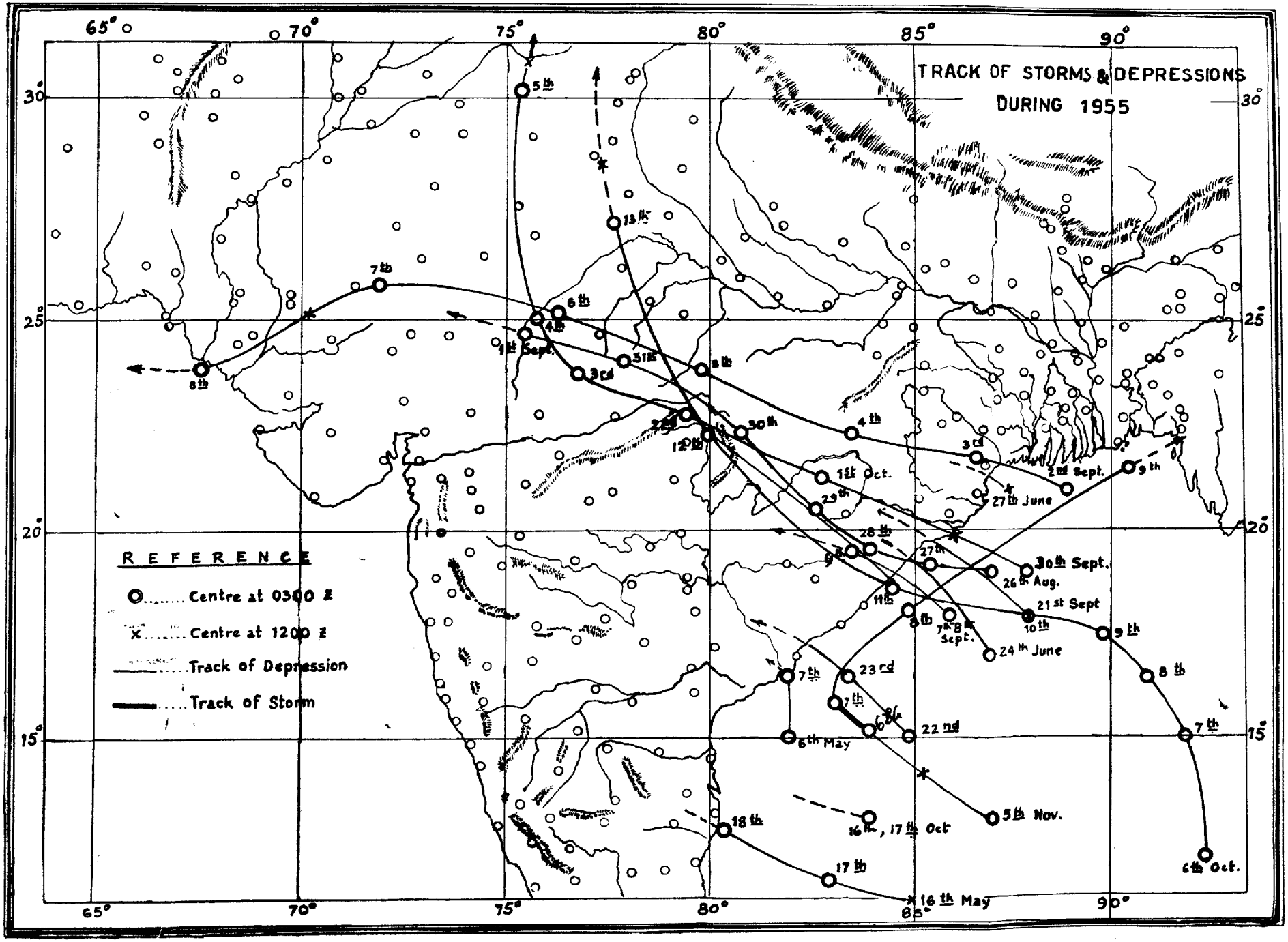
May 15th.—Violent winds swept Peshawar Valley since 14th evening in the wave of a storm which was accompanied by thunderrain and a shower of small hail stones.

May 19th.—A pink coloured duststorm struck Multan in the evening causing extensive damage to property and communications and injuring persons. At least 400 Kutcha houses and hut roofs were blown away and many persons were injured. The number of uprooted or collapsed trees ran into three figures and those of fallen electric poles into dozens. Reports from country side stated that at many places harvested wheat lying in the open was blown away and heavy damage was done to mango crop.

June 9th.—A duststorm hit Karachi. It was felt more in the suburbs than in the city itself. Vehicles plying on Drigh Road had to switch headlights on during the day since visibility was limited to a few hundred feet.

July 1st.—A severe storm followed by heavy rain hit Rawalpindi city and the Cantonment area 1st night dislocating normal life. Blowing at about 80 miles per hour the storm uprooted trees and interrupted the electric supply. The Rawalpindi station of Radio Pakistan was closed down for some time. Two houses collapsed and a number of roadside cabins were washed away.

July 6th.—A passenger boat capsized in a storm in the Brahmaputra four miles from Mymensingh. Of the eleven passengers four women and five children were drowned.


TRACK OF STORMS & DEPRESSIONS
DURING 1955
REFERENCE
Centre at 0300 Z
Centre at 1200 Z
Track of Depression
Track of Storm
65°
70°
75°
80°
85°
90°
30°
25°
20°
15°
5th
13th
7th
6th
4th
1st Sept.
5th
3rd
8th
8th
2nd
12th
30th
4th
3rd
2nd Sept.
9th
1st Oct.
27th June
29th
28th
27th
30th Sept.
26th Aug.
11th
21st Sept
10th
8th
7th 8th Sept.
24th June
9th
8th
7th
23rd
7th
6th
22nd
7th
6th May
5th Nov.
18th
16th, 17th Oct
17th
16th May
6th Oct.

GOVERNMENT OF PAKISTAN

PAKISTAN METEOROLOGICAL DEPARTMENT

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ANNUAL SUMMARY

PART D

FLOODS

CONTENTS

	Page
Floods in West Pakistan	D1
Floods in East Pakistan	D2

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PAKISTAN WEATHER REVIEW 1955

PART D

FLOODS

Storms and depression from the Bay of Bengal and several surges of strong monsoon caused widespread heavy rainfall over Pakistan and the upper catchment areas of her rivers during the year. These caused unprecedented floods both in East and West Pakistan and were responsible for heavy losses of life and property in both the wings.

There were six occasions during the year on which widespread inundations were caused by floods in the different rivers of Pakistan. They are given below:—

(i) Floods in N.W.F.P. in the first fortnight of August.
(ii) Floods in Sind from 11th August to 11th September.
(iii) Floods in Punjab from 5th to 20th October.
(iv) Floods in Sylhet District on 17th April.
(v) Floods throughout East Pakistan from July-September.
(vi) Floods in Chittagong Division of East Pakistan from 7th to 10th November.

A brief account of the above floods alongwith losses as well as relief and protective measures taken and the warnings issued by Meteorological Department is given below:—

I. FLOODS IN WEST PAKISTAN

1. Floods in N.W.F.P.

Under the influence of a series of low pressure waves moving eastwards to the north of Pakistan and the movement of a monsoon low from Rajisthan to Sind between the 11th and the 14th the seasonal trough of low pressure got accentuated. These together caused a spell of wet weather in N.W.F.P. and heavy rainfall over the hills and catchments of the river Indus and its right bank tributaries from 6th to 14th August and 18th—21st which resulted in floods in almost all the districts of N.W.F.P. The worst affected areas were Peshawar Kohat, and D.I. Khan Districts. The floods occurred due to the fall of rains of apparently unusually high intensity in the upper catchment areas of the local rivers and streams with concurrent heavy rainfall in the valleys. Since the rivers and the *nullahs* in the valleys were in spate simultaneously the storm water in the valleys could not drain out and general inundation occurred. Another factor which contributed to this widespread inundation of the valleys was that at places, the local people had been gradually encroaching upon the *nullah* beds and reclaiming the land for cultivation, which had resulted in narrowing down the width of the *nullah* and consequently their discharge capacity had decreased. The third factor which was responsible for the gravity of the floods was the defective irrigation system in the areas. The water in the *nullah* was blocked by the local population by making mud dams across the channel thereby raising the water level for irrigation of the adjoining fields. As the water carried by *nullahs* was heavily charged with silt, this process had resulted in gradual rise of the *nullah* beds, so much so, that at some places the *nullah* beds, had risen above the neighbouring villages.

Flood Losses

About 60 per cent of the mud houses collapsed due to heavy rains in Peshawar district. Some damage was also caused to standing chilli crop and gardens. About 50 lives were lost due to house collapses. Most of the mud houses collapsed in Kohat district also. The worst affected areas were Mohammad Zai and its hamlets Garhi Nawaz Khan and Ingel Khel. The railway line near Kohat was washed away and considerable damage was caused to roads and bridges. The worst affected area in D.I. Khan district was around the village Kulochi which turned into an island and about 75 per cent of the houses in the village collapsed. Considerable damage to houses, roads, bridges and standing crops also occurred in other districts.

Flood Relief

Some measures to help the population affected by the floods were taken by the Provincial Government and the Central Government but detailed information is not available.

Flood Control

Rs. 1,00,000 were allocated for the construction of protective bund to guard against future damage to Kulochi town. Local irrigation authorities were reported to be taking steps to restore the *nullah* and streams to their original dimensions and for dredging them to increase their discharge capacity.

Flood Warnings

Heavy rainfall warnings were issued by the Meteorological Department to the district authorities on the 7th, 9th and 11th August.

Floods in the Lower Catchment of Indus in Sind

Fairly widespread and locally heavy rainfall in the Indus Basin during the first fortnight of August and also perhaps the melting of snow in the Himalayas began to cause considerable rise in the river Indus during the period as a result of which Sind experienced severe floods from 11th August.

Fairly widespread and locally heavy rain occurred in Sind on the 13th and 14th August in association with a monsoon 'Low' which moved over to upper Sind from Rajasthan. Another monsoon 'Low' moving from Rajasthan again caused fairly widespread rain on the 21st and 22nd August, and again a shallow depression following the same course entered lower Sind on September 7th. It then moved west south-west wards and appeared as a shallow depression in the north east Arabian Sea on the 8th. It caused widespread and locally heavy rainfall in Sind between the 6th and the 8th September.

The river Indus which was already in spate during the first half of August began to rise further on the 21st August with guage reading of 17'-6" on the 22nd. The level continued to rise until the 24th due to rains in Sind and heavy falls in the north. It showed slight fall during the next 2 days but again began to rise reaching a guage height of 20'-4" on the 28th. Despite precautionary measures taken by the authorities, breaches were caused at Begari Bund at Bachhal Shah and the river overflowed at other places causing submersion of many villages near Sukkur, Larkana and Hala. The serious devastation continued in Matiari near Hyderabad, Hala and Nawabshah district. The area under flood was already 500 sq. miles when the third spell of heavy rainfall over Sind worsened the situation further. The flood water entered Matiari and Thatta towns on the 6th September. Eight breaches were caused in 100 miles stretch of the bund causing floods in Hyderabad, Sukkur, Dadu, Thatta and Nawabshah Districts covering an area of 1000 sq. miles. Matiari, Thatta and Hala stood like islands. The highest river level recorded was 24.7 feet and the discharge touched 800,000 cusecs which was the highest in the last 100 years. The flood water began to recede by the 12th of September whereafter the situation generally improved.

Flood Losses

Due to heavy rains Nawabshah airfield became water logged on 13th August and remained unserviceable upto end of September. During and after the second spell of heavy rains on the 21st and 22nd August, more than 10,000 houses collapsed in Hyderabad, Sukkur and Rohri resulting in loss of many lives. Many breaches were caused in the protective bunds. Numerous lives were lost and more than 10,000 heads of cattle were washed away in the floods. Most of the standing crops valued at millions of rupees were completely destroyed. Loss to property was estimated to be over Rs. 20,000,000. At many places roads and railway tracks were washed away bringing traffic to a stand still and causing a great set back to relief work.

Flood Relief

The Governor General, the Prime Minister and Ministers of West Pakistan made aerial surveys of the flood affected areas. A grant of Rs. 1,500,000 was made by the Governor General and Rs. 1,00,000 were allocated by the Provincial Government for the relief work. Further funds were raised by the Public. Other countries also sent donations for the relief work. Medical aid was rushed to the affected areas. Free food, clothing, seeds and building materials were supplied to the victims. Red Cross sent food stuffs and medicines.

Flood Control

River bunds were repaired and strengthened immediately after the floods. The level of protective bunds was raised. A flood control organization was set up by the Government.

Flood Warnings

Timely warnings of heavy rainfall were issued to the authorities concerned by the Meteorological Department.

Flood in Punjab

The unprecedented and devastating floods in the Punjab from the 5th to 20th October were caused by a deep depression which formed in the Bay of Bengal on the 30th September. The depression moving West-north westwards intensified on reaching Rajasthan on 3rd October, and then moving straight north caused exceptionally heavy rains in the upper catchment areas of the rivers Sutlej, Beas, Ravi and Chenab from 3rd to 6th October. The depression broke up in the hills of south Kashmir. As a result of these exceptionally heavy rains in the upper catchment areas, the rivers were over flooded. The discharge of Ravi at Shahdra surpassed the all time record. Its previous record level at Shahdra was 15′-7″ with a discharge of 155,000 cusecs in 1950. Its new recorded level in this years floods was 18′-6″ with a discharge of 2,44,450 cusecs. It remained in spate from 6th to 12th October. The river Chenab also broke its all time record. As compared to its previous highest level of 29′-4″ on record at Marala, its level in October reached 31′-2″ with a discharge of 3,44,090 cusecs. Its discharge at Panjnad was 550,000 cusecs. The river was in high flood from 5th to 17th October. The river Sutlej was in high flood from 6th to 20th October. Its guages at Ferozpur (India) and Sulemanki recorded its level as 50′-7″ with a discharge of 6,82,428 cusecs, and 72′-4″ with a discharge of 427,500 cusecs respectively. The highest stage of this river on record prior to 1955 are not available but it is believed that this river also surpassed its all time record.

An estimated area of 1,500,000 acres in the districts of Sialkot, Lyallpur, Sheikhupura, Gujranwala, Gujrat, Jhang, Multan, Muzzafargarh and Dera Ghazi Khan was inundated. Districts of Montgomery and Bahawalpur were also affected badly.

Flood Losses

These unprecedented floods caused colossal losses of life and property and brought untold misery and hardship to its victims. More than 500 villages were completely washed away, 1,500 villages were badly affected and another 2,500 were adversely affected. nearly 80,000 houses were completely destroyed and another 100,000 were damaged. 623 persons lost their lives and more than 200 persons were seriously injured. The number of cattle heads lost was nearly 25,000. More than 2,500,000 acres of standing crops were completely destroyed and there was a loss of more than 100,000 tons of food grains and fodder. The loss to property is estimated to be Rs. 300,000,000.

Flood Relief

Practically the whole of the area was declared "Calamity Area". A Provincial Centre was set up to deal with the situation. A sum of Rs. 3,000,000 was placed by the Government at the disposal of Districts Officers, for arranging evacuation. With the timely and courageous assistance of the Army and the prisoners, thousands of marooned people were rescued and much property was saved. Rations were dropped by P.A.F. planes to the marooned people. Breaches in the Canals and Bunds and the roads were repaired immediately. After the recession of the flood, stagnant water was drained out. Free food, clothing, medicines, blankets and quilts were distributed among the flood victims. A large amount of money was distributed to the bereaved families.

Flood Control

Flood warning organization which was set up as a result of the Punjab Flood Commission 1951 is working in the region. The Government has, however, set up a new Commission to examine the question further.

Flood Warning

Timely flood warnings were issued to the districts authorities from the Flood Forecasting Centre at Meteorological Office, Lahore, about 36 hours before the onset of floods. These warnings were also broadcast in the Home Service of Radio Pakistan, Lahore. The warnings proved very useful in reducing losses of moveable property.

II. FLOODS IN EAST PAKISTAN

Floods in East Pakistan occurred three times during the year under review.

The first flood came during the Norwester period and inundated certain areas of Sylhet on 17th April.

The second flood, which was almost synchronous with the main monsoon activity, affected the whole of East Pakistan. Although no depressions from the Bay of Bengal crossed into East Pakistan during the monsoon season, unsettled conditions in the Bay, which ultimately followed westwards, strengthening of the moonson caused widespread and locally heavy rainfall all over East Pakistan, Assam (India) hills and the upper catchment areas of the Brahmaputra. Heavy rains in the Himalayas also floods the tributaries of the Jamuna and the Ganges and all this flood water passed through East Pakistan.

The third flood was caused by widespread and locally heavy rain, in the districts of Chittagong and Chittagong Hill Tracts between 7th and 10th November. The heavy rain was caused by a depression which passed these areas on the 10th. The Hill Tracts of Chittagong and the entire coastal tracts of East Pakistan was flooded during the 2nd week of November.

Flood Losses

Of the total area of 54,000 square miles of East Pakistan an area of 18,000 square miles was seriously affected. Vast stretches of lands were sub-merged, numerous villages were practically effaced out, roads, bridges and railway lines were torn to pieces. Trees stood in water trunk deep. The low lands of Sylhet. Mymensingh, Pabna and Faridpur districts presented a spectale of vast oceans. In Naogaon Sub-Division of Rajshahi district flooding depth on the average was 5 to 6 feet and in Gaibandha Sub-division of Rangpur district it was 10 to 12 feet. The entire town of Sirajganj was under water. There were only patchy grounds available in Dacca and Mymensingh districts Rangpur, Bogra, Sylhet, Tippera, Faridpur, Pabna, Mymensingh and Dacca were the worst affected districts.

40 lives were lost in the floods and nearly 76,000 cattle heads were washed away. The community life was drastically affected and the damage to property was heavy. Roads, railway line dams, bridges, houses, standing crops and stored food grains were mercilessly mauled by the floods. Tens of thousands of houses were completely washed away and more than a million were damaged. The total value of the loss to property is estimated to be 360 million rupees.

Flood Relief

The flood victims were given free food, grains, clothing, medical aid, house building grants, seedlings, fodder for animals etc. Food grains were also sold at cheap rates. Mass inoculation was done to prevent epidemics.