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REGD. No. S - 1452

PAKISTAN WEATHER REVIEW, 1960

MONTHLY WEATHER REPORT

January

(PUBLISHED BY THE AUTHORITY OF GOVERNMENT OF PAKISTAN)

Chief Features:

(1) Eight Western disturbances affected West Pakistan during the month.

(2) Locally moderate to heavy rain or snow fall occurred in some of the northern divisions of West Pakistan on the 20th and again on the 29th.

West Pakistan

In association with the passage of two western disturbances across the northern parts of the region towards the end of the first fortnight, a spell of wet weather was experienced practically throughout West Pakistan between the 11th and the 13th. Rainfall activity continued in the northern divisions during the next two days. Fairly widespread light rain occurred in Lahore, D. I. Khan and north Kalat Divisions and was generally scattered elsewhere.

Three western disturbances, which moved in close succession over the northern divisions towards the middle of the second fortnight, caused fairly widespread rain in Lahore and Rawalpindi divisions and scattered in Peshawar, D. I. Khan and Quetta divisions between the 19th and the 21st. A few falls of snow were reported from the hills of these divisions. Mu.ree had nearly two and a half feet of snow-fall which was the heaviest for the season.

Towards the end of the month, three western disturbances moved across the northern parts of the region. The last one lay over D. I. Khan and Peshawar divisions, on the 31st. Under their influence pronounced thunder—rain activity occurred in Quetta, Peshawar and D. I. Khan divisions and scattered rain or drizzle in Kalat, Rawalpindi and Multan divisions.

Principal rainfall amounts during the month were Murree 3" and Rawalpindi 1-1/2" on the 20th and Parachinar 6" and Drosh 2" on the 29th.

The total rainfall during the month was in large excess in D. I. Khan Division in slight excess in Rawalpindi Divisions, in slight defect in Multan Division, in moderate defect in Lahore and Peshawar Divisions and in large defect elsewhere. Averaged over the region as a whole it in large defect.

The mean maximum temperature was normal over the region outside Quetta, Kalat, Federal Capital Area, Hyderabad and Khairpur Divisions where it was above normal. The mean minimum temperature was above normal over Bahawalpur, below normal over Federal Capital Area and normal elsewhere.

The mean relative humidity was in defect in Kalat Division, in excess in Rawalpindi, Multan and Hyderabad Divisions, Federal Capital Area and normal elsewhere. Cloudiness was normal over Lahore, Rawalpindi and Khairpur divisions and in defect elsewhere.

East Pakistan

Dry weather prevailed over the region throughout the month.

No rain fell over the region during the month. The mean maximum and mean minimum temperatures were normal everywhere. The mean relative humidity was in defect over the region out-side Chittagong Division where it was normal. Cloudiness was in defect over Chittagong Division and normal elsewhere.

Table I contains the Divisional means of rainfall, temerature, humidity and cloud for the 15 political 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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March 28, 2002

TABLE I.—DIVISIONAL MEANS FOR JANUARY 1960.

Division	PRECIPITATION				DEPARTURE FROM NORMAL OF				
	Actual	Normal	Departure from normal	Percentage departure from normal	Maximum temperature	Minimum temperature	0300 hrs. G. M. T.		
							Vapour pressure	Relative humidity	Cloud
1	2	3	4	5	6	7	8	9	10
	"	"	"		°	°	Mb.	%	
EAST PAKISTAN									
Chittagong	0.00	0.25	—0.25	—100	0.0	—0.5	—0.5	—5	—0.3
Dacca	0.00	0.37	—0.37	—100	+0.7	—0.2	—1.4	—8	- 0.1
Rajshahi	0.01	0.40	—0.39	—97	—0.6	+0.4	—1.0	—7	+0.2
Mean	0.00	0.34	—0.34	—100	0.0	—0.1	—1.0	—7	—0.1
WEST PAKISTAN									
Kashmir (x)									
Lahore	0.81	1.50	—0.69	—46	—1.0	—0.1	—0.2	—3	—0.5
Rawalpindi	2.58	2.32	+0.26	+11	—0.9	—1.3	0.0	+6	—0.3
Multan	0.33	0.41	—0.08	—20	—0.6	—0.6	—0.6	+7	—0.9
Bahawalpur	0.00	0.16	—0.16	—100	+0.9	+2.3	+1.0	—1	—0.7
Peshawar	1.18	1.71	—0.53	—31	+1.9	—1.1	—0.3	+4	—1.0
D. I. Khan	1.65	1.04	+0.61	+59	+1.6	—0.7	—0.1	+5	—0.7
Quetta	0.39	0.89	—0.50	—55	+4.8	+1.1	—0.3	+3	—1.4
Kalat	0.10	1.22	—1.12	—92	+3.9	—0.7	+1.9	+11	—1.4
Federal Capital Area	0.16	0.46	—0.30	—65	+3.1	—4.0	+1.1	+12	—1.0
Hyderabad	0.00	0.16	—0.16	—100	+3.6	+0.1	+1.3	+11	—1.4
Khairpur	0.00	0.20	—0.20	—100	+2.0	+0.6	+0.3	+5	—0.3
Mean	0.43	0.91	—0.48	—53	+1.5	0.0	—0.5	—1	—1.1
Junagadh (x)									

(x) Data incomplete.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1960.

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
EAST PAKISTAN	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas										
Chittagong Division																							
Rangamati	0000	208	1008.7		1016.4	51.1	50.8	50.5	12.6		98		7.8		12	0	0	0	2	0	0	0	17
	0300		1010.8		1018.4	59.1	56.8	54.7	14.8	...	86	...	2.5		9	0	1	1	3	0	0	1	16
	1200		1007.0		1014.4	71.1	62.6	56.3	15.6		60		0.8		14	0	1	0	1	0	2	3	10
Cox's Bazar (P.T.)	0000	38																					
	0300		1014.8	—0.5	1016.1	68.5	61.9	56.5	16.3	—0.8	67	—3	1.7	+0.3	13	8	2	0	0	1	0	7	0
	1200		1012.3		1013.5	70.2	63.8	58.9	17.4		68		2.5		7	0	0	0	0	0	6	17	1
Chittagong (Patanga)	0000	20	1014.4		1015.1	57.7	55.9	54.1	14.4		88		1.6		5	14	1	0	0	0	0	1	10
	0300		1016.4		1017.1	64.8	59.7	55.5	15.4		73		1.8		9	19	0	0	0	0	0	0	3
	1200		1013.2		1013.9	71.2	63.7	58.5	16.7		60		1.5		1	1	0	0	0	1	9	15	4
Chittagong (P.T.)	0000	46																					
	0300		1015.8	+0.4	1017.4	65.8	59.7	55.7	14.8	—1.3	68	—9	(a) 1.2	—0.2	13	14	2	0	0	0	0	0	2
	1200		1011.8		1013.4	69.9	62.5	57.3	16.0		64		(a) 0.8		9	1	0	0	0	3	9	9	0
Maijdee Court	0000	25	1014.9		1015.8	54.8	54.1	53.5	14.1		95		0.2		5	1	0	0	0	0	0	0	25
	0300		1016.2	0.0	1017.1	65.8	60.9	58.2	16.1	—0.8	74	—3	1.1	—0.5	8	2	0	0	0	0	0	3	18
	1200		1013.0		1013.9	69.5	64.8	62.0	18.8		77		0.6		1	1	0	0	0	0	1	1	27
Comilla (R)	0000	29																					
	0300																						
	1200																						
Brahmanbaria	0000	32	1014.8		1015.9	55.2	54.0	52.7	13.7		93		0.8		0	0	0	0	0	0	0	0	31
	0300		1016.9		1018.0	66.5	60.5	55.7	15.1	+0.4	69	—1	1.1		1	7	1	0	0	0	0	0	22
	1200		1013.2		1014.3	68.7	61.4	56.7	15.3		63		1.4		0	0	0	0	0	0	0	0	31
Srimangal	0000	69	1012.6		1015.2	45.2	45.8	44.5	19.9		96		0.8		0	0	0	0	0	0	0	0	31
	0300		1015.0	—0.3	1017.5	61.2	57.3	54.0	14.1	—0.1	77	—7	0.8	—0.6	0	0	0	0	0	0	0	0	31
	1200		1011.4		1013.9	67.9	61.6	57.0	15.7		67		1.5		0	0	0	0	0	0	0	0	31
Sylhet (P.B.O.)	0000	115	1010.9		1015.1	54.7	53.1	51.6	13.0		90		0.5		0	0	20	0	0	0	0	0	11
	0300		1013.0		1017.2	64.4	59.2	54.9	15.1		73		0.7		0	1	30	0	0	0	0	0	0
	1200		1009.4		1013.5	68.6	60.4	53.8	14.0		61		1.1		0	0	0	0	0	0	12	0	19
Dacca Division																							
Mymensingh	0000	62	1013.5		1015.8	54.5	52.7	50.8	12.8		88		1.0		0	0	0	2	0	0	3	0	26
	0300		1015.8	+0.3	1018.1	61.2	57.2	53.8	14.2	—0.7	77	—4	1.6	—0.3	0	2	0	11	0	1	10	0	7
	1200		1011.9		1014.1	71.7	62.7	56.1	15.4		58		1.2		0	0	0	0	0	1	1	0	29
Narayanganj	0000	26	1014.3		1015.2	56.2	54.0	51.9	13.2		86		0.0		1	0	0	0	0	0	1	4	25
	0300		1016.5	0.0	1017.4	64.0	58.1	53.1	13.9	—1.5	67	—9	1.4	—0.4	7	0	0	0	0	0	1	10	13
	1200		1013.0		1013.8	70.8	61.1	53.5	14.1		54		1.5		0	0	0	0	0	0	2	3	26
Dacca (Tejgaon)	0000	27	1013.9		1014.9	51.7	50.5	49.3	11.9		92		1.2		7	1	0	0	0	0	0	14	9
	0300		1016.1		1017.1	63.2	57.6	52.8	13.7		69		1.6		17	0	0	0	0	0	1	4	9
	1200		1012.6		1013.6	68.1	59.5	52.5	13.5		58		1.5		3	0	0	0	0	1	8	14	5

(a) Observation for 30 days.
(R) Register not received.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1960.

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.	%	%	oktas										
Dacca Division (*contd.*)																							
Faridpur	0000	46	1014.0		1015.7	53.7	52.2	50.0	12.6		90		1.0		0	3	0	0	0	0	0	5	23
	0300		1016.7	+1.3	1018.3	63.9	58.1	53.3	13.7	—1.2	68	—9	2.3	+1.0	13	1	0	0	0	0	0	10	7
	1200		1012.5		1014.1	69.5	61.8	55.5	15.4		61		0.9		2	0	0	0	0	0	0	1	28
Barisal	0000	11	1015.3		1015.7	56.6	53.6	52.1	12.7		81		1.1		3	0	0	0	0	0	0	0	28
	0300		1017.0	0.0	1017.4	65.2	58.9	54.2	14.1	—2.3	66	—10	1.3	—0.1	15	8	0	0	0	0	3	0	5
	1200		1013.7		1014.1	72.3	64.2	58.0	16.9		62		1.6		1	2	0	0	0	0	0	0	28
Rajshahi Division																							
Khulna	0000	16	1015.3		1015.9	56.8	54.4	52.2	13.4		85		0.5		0	0	0	0	0	0	0	0	31
	0300		1017.5	+0.3	1018.1	66.6	58.8	52.3	13.5	—1.2	61	—6	0.8	—0.8	1	4	0	0	0	0	0	0	26
	1200		1013.8		1014.4	71.7	62.3	55.3	15.0		56		0.8		0	0	0	0	0	0	0	0	31
Satkhira	0000	16	1015.1		1015.7	53.9	52.9	50.0	13.3		93		0.9		0	0	0	0	0	0	0	0	31
	0300		1017.7	+0.7	1018.3	64.5	57.5	50.5	13.0	—1.6	63	—11	1.2	—0.2	4	0	0	0	0	0	0	0	27
	1200		1014.4		1015.0	70.1	61.5	54.3	14.8		59		1.0		0	0	0	0	0	0	0	0	31
Jessore (P.T.)	0000	26	1014.5		1015.4	51.8	50.8	49.7	12.3		93		1.3		1	0	0	0	0	0	1	0	29
	0300		1016.9	0.0	1017.8	61.1	56.9	55.3	14.1	—0.4	77	+2	1.9	+0.4	7	7	0	1	1	1	2	9	3
	1200		1013.5		1014.4	69.9	61.7	55.0	15.2		61		0.9		10	0	0	0	0	0	6	6	9
Pabna	0000	48	1013.5		1015.3	52.9	51.6	50.3	12.3		90		5.8		0	0	0	0	0	0	0	11	20
	0300		1016.0	—	1017.7	62.9	57.5	52.9	13.7	—0.8	69	—8	2.1	—	0	2	0	0	0	0	1	28	0
	1200		1012.1		1013.8	69.0	61.9	57.0	15.8		65		1.5		0	0	0	0	0	0	2	3	26
Serajganj	0000	51	1013.9		1015.8	53.5	52.6	51.8	12.8		93		0.4		0	0	0	0	0	0	2	1	28
	0300		1015.6	—	1017.5	64.2	60.0	56.4	15.9	—	78		2.2	—	3	3	0	0	0	0	0	10	15
	1200		1011.6		1013.4	66.7	63.3	60.9	18.3		81		1.4		0	0	0	0	0	0	0	0	31
Rajshahi	0000												2.4	—									
	0300																						
	1200																						
Bogra (P.B.O.)	0000	65	1013.1		1015.5	53.5	51.6	49.5	12.1		87		1.0		1	0	0	0	0	0	2	1	27
	0300		1015.4	+0.1	1017.8	61.9	56.3	51.4	13.0	—1.2	68	—12	1.8	0.0	14	5	0	0	0	0	1	5	6
	1200		1011.6		1013.9	67.7	59.9	53.2	14.1		61		1.1		1	0	0	0	0	3	3	2	22
Dinajpur	0000	123	1011.3		1015.8	*	*	*	*	*	*	*	0.7		0	0	0	0	0	0	0	0	31
	0300		1013.6	+0.5	1018.1	*	*	*	*	*	*	*	0.8	—0.7	0	0	0	0	0	0	0	0	31
	1200		1009.5		1013.8	*	*	*	*	*	*	*	0.6		0	0	0	0	0	0	1	0	30
Rangpur	0000	113	1011.8		1015.9	50.6	49.4	48.1	11.4		91		0.4		9	1	0	0	0	2	1	0	23
	0300		1014.2	—	1018.3	58.3	55.0	51.9	13.3	—	79		1.1	—	9	12	1	0	0	0	5	4	0
	1200		1010.0		1014.1	68.4	60.6	54.6	14.6		61		1.2		0	1	0	0	0	0	2	0	28

(*) Data rejected. (g) Observation for 24 days. (b) Observation for 29 days. (R) Register not received

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1960.

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. (a geopotential of 850 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										
KASHMIR																							
Jammu (x)	0300	1200																					
	1200																						
LAHORE																							
Lahore (P.B.O.)	0000	702	992.4		1018.5	42.7	41.7	40.5	8.5		92		1.6		0	0	0	1	0	0	0	1	29
	0300		993.8	+1.0	1019.9	42.8	41.7	40.4	8.4	—0.2	91	+7	2.4	—0.6	0	1	0	1	0	0	1	0	28
	1200		992.2		1017.3	62.3	52.9	42.9	9.3		49		3.1		0	0	0	2	0	0	1	4	24
„ (Cantt.)	0000	703	991.7		1017.9	43.2	42.0	40.8	8.5		90		1.6		4	2	0	2	2	0	3	7	11
	0300		993.0	—	1019.2	43.4	42.1	40.6	8.6	—	89	—	2.5		3	2	0	1	0	1	4	7	13
	1200		991.4		1016.5	61.9	54.1	46.2	10.9		57		3.1		3	3	1	4	0	0	12	6	2
„ (Walton) (x)	0000	699																					
	0300		993.6	—	1019.6	42.5	41.3	39.7	8.2	—	90	—	2.3		1	1	1	1	0	1	4	6	16
	1200		991.8		1016.7	62.6	54.3	46.2	10.7		56		3.0		1	0	2	3	0	0	4	15	6
Sialkot	0000	830	(a) 987.8		(a) 1018.5	(a) 43.7	(a) 42.3	(a) 41.0	8.6		88		(a) 1.0		0	0	0	0	0	0	0	0	30
	0300		989.0	+0.6	1019.4	48.9	45.5	41.0	8.9	—0.2	74	—13	2.1	—0.5	0	1	0	0	0	0	0	0	30
	1200		986.8		1016.4	61.7	53.6	44.9	10.4		56		2.4		0	2	0	0	0	0	0	5	24
RAWALPINDI																							
Jhelum	0000	765	990.1		1018.5	42.8	40.9	38.5	7.8		84		1.9		0	2	0	0	0	1	1	4	23
	0300		991.3	—	1019.8	42.9	41.0	38.2	7.9	—	84	—	3.1	—	0	0	0	0	0	1	3	6	21
	1200		989.4		1016.7	62.2	52.3	41.6	9.0		46		3.5		0	2	0	0	0	1	5	9	14
Chaklala	0000	1667	959.0		1020.2	39.1	38.1	37.0	7.4		91		2.6		4	1	0	0	0	0	3	3	20
	0300		960.0	—	1021.3	38.8	37.7	35.0	7.2	—	90	—	3.0		1	3	0	0	0	0	3	1	23
	1200		958.5		1017.5	57.5	48.0	36.9	7.6		46		3.2		0	1	1	1	0	2	18	1	7
Rawalpindi	0000	1676	958.7		1020.2	39.4	38.4	37.4	7.5		91		2.1		3	1	1	1	0	1	0	7	17
	0300		959.9	+0.9	1021.5	39.2	38.2	37.1	7.5	+0.1	91	+9	3.3	+0.1	3	1	0	0	0	0	3	1	23
	1200		957.7		1017.2	56.1	48.9	41.5	8.9		58		3.5		0	2	0	0	7	7	8	0	7
Khushab	0000	616	*		*	42.9	41.0	38.5	7.9		83		1.2		0	0	4	0	0	0	0	0	27
	0300		997.0	+0.3	1019.9	43.0	40.7	37.5	7.6	+0.6	79	+13	1.7	—1.0	0	0	3	0	0	0	0	0	28
	1200		995.5		1017.4	65.4	53.4	40.0	8.6		40		2.1		1	1	9	0	0	0	1	0	19
Sargodha (PAF)	0000	603	995.8		1018.4	41.1	40.1	38.7	7.9		91		1.5		3	0	0	0	0	1	1	3	23
	0300		997.0	—	1019.5	41.1	39.9	38.2	7.8	—	89	—	2.2	—	2	2	1	0	0	1	1	1	23
	1200		995.3		1016.9	62.7	52.6	41.6	9.0		46		3.3		5	1	1	0	2	4	5	2	11
MULTAN																							
Lyallpur	0000	605	996.1		1018.6	42.5	41.5	40.3	8.5		92		1.2		0	2	0	0	0	0	0	0	29
	0300		997.0	+0.4	1019.6	41.3	40.4	39.6	8.1	—0.4	91	+14	2.1	—1.5	0	3	1	1	1	2	2	2	19
	1200		995.4		1017.0	62.9	53.6	43.6	9.9		49		2.7		1	0	0	0	1	4	4	3	18
Montgomery	0000	558	996.8		1017.5	42.2	41.1	39.7	8.4		91		0.7		0	2	0	1	0	0	0	0	28
	0300		999.1	+0.9	1019.7	44.2	42.0	39.3	8.2	+0.3	84	+7	1.2	—1.2	0	2	0	7	0	1	0	1	20
	1200		997.2		1017.0	64.1	54.2	44.2	9.8		48		1.4		0	4	1	4	2	3	6	6	5
Multan (P.B.O.)	0000	404	1003.5		1018.8	42.1	40.1	37.3	7.5		83		1.1		3	0	0	0	0	1	0	2	25
	0300		1004.9	—	1020.3	41.3	39.2	36.1	7.2	—	81	—	1.9	—	4	1	0	0	1	0	0	1	24
	1200		1002.7		1017.3	65.4	52.9	38.6	8.1		37		2.4		6	4	1	3	1	0	0	0	16
Multan (Surface)	0300	413	1004.6	+0.9	1020.0	45.9	42.6	38.3	7.9	—1.6	75	+1	2.4	0.0	9	1	1	0	2	0	0	0	18
	1200		1002.3		1017.0	66.2	53.4	39.0	8.2		37		2.6		10	0	3	0	0	0	0	0	18

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

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1960.

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										
BAHAWALPUR																							
Lalah (R)	0000	487																					
	0300																						
	1200																						
Khanpur (Surface) (R)	0300	297																					
	1200																						
,, (P.B.O.)	0000	290	1007.3		1018.1	41.9	39.9	37.2	7.5		83		0.6		0	6	0	0	0	1	0	0	24
	0300		1008.8		1019.7	44.2	41.4	37.6	7.7		78		1.1		1	7	0	0	1	0	0	0	22
	1200		1005.9		1016.3	68.9	54.9	39.7	8.5		35		1.6		6	10	1	0	0	4	0	0	10
Bahawalpur	0300	384	1005.5	−0.5	1019.7	49.3	45.4	40.5	8.6	−1.0	72	−1	1.9	−0.7	2	7	3	3	3	1	0	0	12
	1200		1002.9		1016.5	67.5	56.2	45.8	10.4		44		1.9		6	6	0	0	1	4	0	4	10
Fort Abbas	0000	475	1000.1		1017.9	40.7	38.6	35.5	7.0		81		0.3		18	5	1	0	3	1	1	2	0
	0300		1002.0		1019.8	44.4	41.8	38.4	7.8		79		1.0		3	5	4	2	3	1	1	0	12
	1200		999.6		1016.4	67.1	56.0	45.0	10.4		45		1.1		15	4	1	0	0	1	2	1	7
PESHAWAR																							
Chakdara	0000	2197	939.8		1020.0	37.1	35.6	33.3	6.4		86		2.9		1	0	1	0	1	0	3	0	25
	0300		940.8		1021.1	36.7	35.5	33.7	6.6	—	89	—	3.3		0	0	1	0	0	0	0	0	30
	1200		938.1		1015.0	56.2	*	*	*		*		3.0		0	0	0	3	0	7	0	0	21
Peshawar	0000	1177	976.9		1020.3	41.0	38.4	34.2	6.7		77		2.0		0	0	0	0	11	7	0	0	13
	0300		977.9	+0.3	1021.4	40.3	37.9	34.0	6.7	+0.3	78	+7	3.3	−1.3	0	0	0	1	8	7	0	1	14
	1200		976.0		1017.9	59.8	50.4	39.2	8.3		47		2.8		1	3	2	1	3	2	0	2	17
Risalpur	0000	1009	983.0		1020.8	36.1	35.2	33.8	6.6		91		2.3		0	1	1	0	1	0	5	1	22
	0300		984.0		1021.8	36.0	35.2	33.7	6.6		92	—	3.3		1	0	0	1	0	1	4	2	22
	1200		981.5		1017.5	59.3	50.5	40.3	8.6		49		3.0		1	3	0	2	0	3	9	2	11
Haripur	0300	1757	955.9		1020.0	41.8	37.6	31.5	5.9		66	—	2.5		0	10	1	7	0	12	0	1	0
	1200		953.6		1015.4	58.9	50.1	41.1	8.8		51		2.3		1	3	1	6	1	21	0	0	0
Campbellpur (R)	0300	1175																					
	1200																						
D. I. KHAN																							
Kohat	0000	1667	960.3		1020.8	45.8	40.9	34.1	6.7		63		2.1		0	0	0	0	0	0	1	23	7
	0300		961.3		1021.9	44.9	40.2	33.5	6.6	—	65	—	3.0	—	2	2	0	0	1	0	2	16	8
	1200		959.6		1018.4	59.9	49.7	39.2	8.3		47		2.6		1	2	4	2	2	0	3	2	15
Bannu	0000	1263	973.0		1019.5	42.8	39.9	35.3	7.1		75		1.5		0	0	0	1	1	0	3	8	18
	0300		973.6		1020.1	43.0	39.8	34.5	6.9	+0.8	75	+15	2.9	+0.5	0	0	0	0	0	1	6	5	19
	1200		972.3		1017.2	61.1	51.7	40.6	8.9		47		2.6		0	0	4	10	4	1	0	0	12
D. I. Khan	0000	570	997.8		1019.1	42.2	40.0	36.8	7.4		81		1.1		1	1	0	0	0	2	1	1	25
	0300		998.6	+0.4	1019.8	41.6	39.1	35.3	69	−0.1	79	+8	1.7	−0.9	0	0	0	0	0	0	1	1	29
	1200		996.8		1017.2	62.8	54.0	44.0	10.3		52		1.8		2	1	0	0	0	0	1	1	26
Mianwali	0000	681	994.2		1019.5	41.4	40.6	38.7	8.3		93		1.8		4	0	0	0	0	0	0	1	26
	0300		995.0		1020.4	41.9	40.4	38.6	7.9	—	87	—	2.8	—	5	1	0	0	0	0	0	0	25
	1200	150	992.5		1016.7	61.4	53.4	45.5	10.4		55		1.9		1	1	0	0	0	0	0	0	29

(R) Register not received.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1960.

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										
QUETTA																							
Sibi	0000	441	1002.8		1019.4	42.2	37.5	30.2	5.5		60		0.7		4	9	0	0	0	0	2	0	16
	0300		1003.4	+1.1	1019.9	44.4	40.3	33.6	6.7	+1.2	67	+17	1.6	—1.0	3	3	0	3	3	2	0	4	13
	1200		1001.0		1016.6	71.5	54.3	33.3	6.7		25		1.9		1	1	0	3	2	15	6	1	2
KALAT (NORTH)																							
Nokkundi	0000	2229	940.4		1020.8	43.4	36.8	25.2	4.7		49		0.0		9	5	0	0	0	0	0	15	2
	0300		941.9		1022.6	42.8	36.7	26.6	4.9	—0.6	53	0	0.0	—2.6	8	9	3	3	1	0	1	5	1
	1200		939.9		1016.7	66.3	50.7	32.3	6.4		29		0.0		5	1	3	9	3	2	3	3	2
KALAT (SOUTH)																							
Turbat	0000	510	*		*	65.8	54.3	40.5	9.3		43		0.0		1	2	17	4	0	5	2	0	0
	0300		*		*	54.1	47.2	37.0	8.0		56		0.2		0	0	25	2	1	0	1	0	2
	1200		*		*	78.8	60.6	43.1	9.9		29		0.2		0	6	1	0	0	5	15	3	1
Jiwani	0000	185	1010.4		1017.1	62.0	57.4	52.2	14.0		74		0.8		4	8	2	1	0	0	4	9	3
	0300		1011.7		1018.4	61.3	56.1	49.3	13.3		72		2.0		7	10	0	1	0	0	2	7	4
	1200		1010.0		1016.5	73.3	62.7	53.1	14.7		53		2.3		0	0	4	4	3	10	9	1	0
Pasni	0000	28	1015.5		1016.5	58.6	54.3	49.1	12.5		74		0.7		2	2	1	0	0	2	9	14	2
	0300		1017.2	0.0	1018.2	58.0	52.8	47.9	11.3	—2.1	69	—8	1.9	—0.4	5	3	1	0	0	0	8	12	2
	1200		1015.4		1016.4	75.6	65.2	58.2	16.5		55		2.3		1	0	2	7	7	12	1	1	0
Ormara	0000	15	1015.8		1016.3	58.8	56.2	54.0	14.3		85		1.3		0	0	2	1	1	0	4	0	23
	0300		1017.5		1018.0	58.9	55.7	52.8	13.7	+0.6	81	+5	1.5	—1.1	0	1	0	1	3	1	1	1	23
	1200		1015.1		1015.6	74.4	65.4	59.0	17.3		59		1.8		0	0	4	5	2	2	18	0	0
Lasbela (R)	0000	292																					
	0300																						
	1200																						
FEDERAL CAPITAL AREA																							
Karachi (Manora)	0000	13	1016.1		1016.6	55.4	51.5	47.3	11.3		75		1.2		0	18	4	0	0	0	1	1	7
	0300		1017.6	+0.2	1018.1	57.0	52.8	48.0	11.7	+1.1	74	+12	1.3	—1.0	2	19	5	0	0	0	1	0	4
	1200		1014.9		1015.4	75.5	70.6	67.5	23.4		77		1.4		0	4	3	0	4	5	15	0	0
Karachi (Mauripur)	0000	52	1014.6		1016.4	56.1	50.1	42.0	9.7		63		0.6		5	11	0	0	0	0	2	0	13
	0300		1015.8		1017.7	53.6	48.4	41.0	9.2		66		1.2		5	10	1	0	0	0	0	0	15
	1200		1013.6		1015.4	74.1	59.7	44.1	11.1		38		1.2		0	4	4	1	2	11	5	4	0
Karachi (City)	0300		1016.9		1017.6	56.3	50.6	43.9	10.0		65		0.9		3	15	4	0	0	1	1	3	4
	1200		1014.1		1014.8	73.6	62.9	53.0	14.8		52		0.9		0	3	5	0	2	10	11	0	0
Karachi (P.A.F.) (S)	0000	38																					
	0300																						
	1200																						
Karachi (Airport)	0000	73	1014.0		1016.8	52.1	47.7	42.3	9.3		70		0.2		3	8	0	0	0	0	1	1	18
	0300		1015.6		1018.4	52.0	47.1	40.9	8.9		66		1.1		3	11	0	0	0	0	0	0	17
	1200		1013.0		1015.7	74.7	59.2	42.1	10.2		35		1.1		0	8	1	3	3	10	5	0	1
HYDERABAD																							
Badin (R)	0000	31																					
	0300																						
	1200																						
Nagarparkar	0000	178	1008.8		1015.3	57.2	51.8	44.7	10.5		67		0.0		7	1	0	0	0	0	0	1	22
	0300		1009.5		1016.0	57.2	51.7	46.0	10.5		67		0.0		0	0	0	0	0	0	0	2	29
	1200		1007.5		1014.0	78.4	61.3	45.7	10.7		33		0.0		3	1	0	0	0	1	0	3	23

(R) Register not received. (*) Data rejected. (S) Observations Suspended.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1960.

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 geopotential of 8,000 mths. 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										
Umarkot	0000	55	1013.8		1015.7	49.7	44.7	37.2	7.9		65		0.2		9	7	2	0	3	2	0	1	7
	0300		1015.4		1017.5	48.9	44.4	37.7	8.0		67		0.9		9	6	3	0	5	0	0	0	8
	1200		1012.4		1014.4	77.3	59.2	40.9	9.1		28		1.5		7	5	2	0	2	2	3	9	1
Chhor	0000	19	1015.5		1016.2	46.3	42.3	36.5	7·4		69		0.4		0	6	0	0	0	0	0	0	25
	0300		1017.6		1018.3	50.9	44.9	36.6	7.5		59		0.7		0	8	0	0	1	0	0	0	22
	1200		1014.4		1015·1	76.7	57.4	35.7	7.4		24		1.1		6	10	1	0	0	5	4	1	4
Hyderabad	0000	98	1013.4		1017.0	53.1	48.1	41.8	9.2		67		0.7		16	1	0	0	3	2	0	0	9
	0300		1015.1	+0.4	1018.8	51.9	47.3	41.3	9.1	+0.7	69	+9	0.8	—1.0	15	2	0	1	3	1	0	0	9
	1200		1012.3		1015.8	75.0	58.1	40.9	8.9		30		1.5		14	4	1	0	4	1	1	1	5
KHAIRPUR																							
Padidan	0000	153	1011.7		1017.4	44.1	42.0	38.8	8.1		83		0.4		5	2	3	1	0	0	0	5	15
	0300		1013.5		1019.3	43.8	41.8	38.8	8.1		84		0.7		7	2	0	0	1	1	1	10	9
	1200		1010.6		1016.0	72.3	56.8	40.7	8.9		32		0.9		9	2	0	2	3	1	2	9	3
Nawabshah	0000	124	1013.4		1018.1	46.2	42.7	37.8	7.8		73		0.1		5	0	0	0	1	0	0	4	21
	0300		1014.9		1019.6	44.6	41.5	38.0	7.5		75		0.9		5	0	1	0	0	1	2	5	17
	1200		1012.4		1016.9	73.7	56.5	37.7	7.9		27		1.3		11	0	1	0	5	2	0	4	8
Sukkur	0300	221	1010.7	0.0	1019.0	49.2	45.9	41.1	9.0	+1.3	76	+15	2.0	+0.4	4	5	0	7	7	1	0	0	7
	1200		1008.0		1015.9	70.4	56.2	41.5	9.1		35		1.8		7	5	6	1	2	4	1	0	5
Kashmore	0000	255	*			52.8	41.5	21.2	3.9		29		0.5		0	2	0	0	0	0	0	0	29
	0300		1010.0		1019.3	52.9	44.8	32.5	6.5		47		1.0		0	11	0	0	0	0	1	0	19
	1200		1007.3		1016.1	68.8	53.8	35.4	7.4		31		0.9		0	6	0	0	2	1	3	0	9
Jacobabad	0000	183	1010.9		1017.8	48.6	43.5	37.8	7.3		64		0.7		1	1	8	1	2	0	0	2	16
	0300		1012.6	+0.7	1019.4	46.7	42.4	37.2	7.4	—0.8	66	—4	1.1	—1.0	1	0	1	2	1	1	0	4	21
	1200		1009.9		1016.4	71.7	55.8	38.3	8.1		30		1.6		2	3	2	8	4	0	1	5	6
JUNAGADH																							
Veraval (x)	0300	26																					
	0300																						
	1200																						
AFGHANISTAN																							
Jalalabad (x)	1200																						
ARABIA																							
Muscat (x)	0300	20																					
	1200																						
HILL STATIONS: KASHMIR																							
Srinagar (x)	0000	5205																					
	0300																						
	1200																						

(x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1960.

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										
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	...																					
	1200																						
Sonamarg (x)	0300	...																					
	1200																						
Dras (x)	0300	...																					
	1200																						
Kargil (x)	0300	...																					
	1200																						
Leh (x)	0000	...																					
	0300																						
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	700.6		3109.8	10.7	*	—	—		—		2.8		0	0	1	0	0	0	1	0	29
	0300		701.2	—	3117.0	12.3	*	—	—	—	—	—	2.9	—	0	0	1	0	0	0	1	0	29
	1200		697.1		3071.3	23.5	*	—	—		—		3.7		0	0	5	1	0	0	5	0	20
Aliabad (x)	0300	—																					
	1200																						
Gilgit (Surface) (x)	0000	4950																					
	0300																						
	1200																						
RAWALPINDI																							
Murree	(x) 0000	7113	—		—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—
	0300		784.4	0.0	1510.2	34.5	29.7	20.2	3.9	—0.8	57	—3	3.7	—0.1	0	8	4	12	0	0	0	2	5
	1200		783.8		1503.6	39.1	32.9	21.9	4.2		53		4.3		0	6	3	12	0	2	0	3	5
PESHAWAR																							
Drosh	0000	4806	858.1		1540.1	32.5	31.0	28.8	5.2		85		2.4		0	1	3	7	1	0	0	0	19
	0300		859.0	+1.1	1548.1	32.1	30.9	29.0	4.6	—0.7	87	+11	3.2	—0.6	0	3	3	0	0	0	0	0	25
	1200		856.3		1524.3	42.1	35.2	21.2	3.9		46		3.5		0	2	9	10	0	0	0	0	10
Chenat	(x) 0000	4272	—																				
	0300		873.5	+1.2	1525.1	42.5	35.6	22.4	4.3	—0.5	48	—5	2.3	—1.0	23	0	0	4	1	0	0	3	0
	1200		872.9		1519.0	46.6	39.1	24.7	5.1		47		2.1		18	1	0	6	1	0	0	5	0
Kakul	0000	4214	874.1		1509.3	39.5	34.9	26.1	5.0		60		3.0		3	5	3	4	2	1	0	13	0
	0300		874.9	—	1517.3	40.0	35.0	25.7	4.9	—	58	—	3.7	—	6	6	1	0	0	1	2	14	1
	1200		873.6		1511.5	49.7	41.7	30.3	5.8		48		3.7		2	2	1	4	5	2	7	8	0
Balakot	0000	3226	x		x	37.3	34.3	29.5	5.5		73		2.9		3	1	0	0	0	0	0	1	26
	0300		x	—	x	37.4	34.5	29.8	5.6	—	72	—	3.3	—	1	1	0	0	0	0	0	1	28
	1200		x		x	49.6	42.7	33.5	6.5		53		3.8		0	0	0	0	0	0	1	0	30
Landikotal	0000	3503	896.7		1495.4	35.7	31.3	22.2	4.2		58		2.1		0	1	0	0	0	2	0	1	27
	0300		897.5	—	1503.2	35.2	31.2	22.4	4.3	—	62	—	2.6	—	0	2	0	0	0	3	0	0	26
	1200		896.0		1502.4	50.0	40.2	24.2	4.5		36		3.0		0	2	0	2	1	2	0	5	19

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

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1960.

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. in equivalential of 45°N. at 700 mbs. pressure level in Opm.	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										
D. I. KHAN																							
Parachinar	0000	5673	829.1		1528.0	31.1	28.1	22.3	4.1		71		0.8		18	0	0	0	1	0	0	1	11
	0300		829.9	+2.0	1535.7	31.6	28.6	23.0	4.3	—0.6	72	+3	2.3	—1.0	16	1	0	2	0	1	0	2	9
	1200		829.1		1520.5	48.5	39.0	25.0	4.7		41		2.3		1	3	2	18	1	0	2	1	3
Miranshah	0000	3026	*		*	*	*	*	*		*		0.5		0	1	0	0	0	0	0	0	30
	0300		813.2	—	1495.3	36.5	31.9	22.9	4.2	—0.6	59	+2	1.4	—1.2	0	2	0	0	0	0	0	0	29
	1200		911.4		1501.3	55.5	44.5	29.3	5.6		36		1.5		0	11	0	1	0	0	0	0	19
Wana	0300	4503	864.7	—	1509.4	(h) 32.0	(h) 30.2	(h) 26.3	5.0	+0.1	79	—1	1.3	—1.0	0	0	0	0	6	10	2	0	13
	1200		863.4		1501.6	52.6	42.6	27.7	5.3		39		1.4		0	1	6	15	5	1	1	0	2
AFGHANISTAN																							
Kabul (R)	0300	5955																					
	1200																						
Kandahar	0300	3462	902.2	...	1530.1	34.0	31.5	27.6	5.0	—	75	—	2.1	—	0	2	2	0	1	0	1	0	25
	1200		900.2		1532.8	56.2	45.8	32.8	6.4		40		1.9		0	1	1	0	0	2	3	2	22
QUETTA																							
Port Sandeman	0300	4614	861.9	+0.2	1516.3	34.4	30.2	21.8	4.0	—1.0	59	—18	1.9	—0.9	0	1	0	5	1	1	0	0	23
	1200		860.6		1508.5	56.1	43.0	21.3	4.2		27		2.8		5	5	0	0	1	5	0	8	7
Hindubagh	0000	5909	818.6		1498.8	27.7	24.5	18.6	3.3		67		1.3		0	0	2	0	0	9	7	5	8
	0300		819.4		1506.1	29.5	26.2	19.9	3.6		67		1.4		0	0	1	1	0	5	8	6	10
	1200		817.2		1470.7	49.8	40.1	26.3	5.0		42		2.1		0	0	2	0	0	7	11	7	4
Loralai	0000	4699	860.1		1525.8	35.5	31.3	24.4	4.3		60		1.0		0	0	0	0	0	8	15	4	4
	0300		860.8		1531.8	33.3	29.8	23.0	4.2		65		1.7		1	0	1	0	0	5	5	16	3
	1200		857.9		1506.6	55.9	45.5	31.7	6.3		32		2.2		1	2	1	15	1	5	0	4	2
Harnai	0300	2861											0.4		0	0	0	0	0	0	31	0	0
	1200												0.6		0	0	31	0	0	0	0	0	0
Samungli	0000	5213	843.6		1525.1	28.4	26.9	24.3	4.4		84		1.7		0	0	3	5	0	3	1	1	18
	0300		844.1		1531.8	27.3	26.0	23.5	4.3		85		2.3		0	0	8	10	0	1	2	1	9
	1200		842.4		1512.4	51.8	42.1	29.5	4.9		44		2.5		4	0	1	1	0	2	4	16	3

(h) Mean for 23 days. (*) Data rejected. (R) Register not received.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JANUARY, 1960.

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										
Quetta	0300	5490	834.6	—0.2	1523.5	34.4	31.4	26.5	4.9	0.0	73	—5	1.6	—1.9	0	2	0	4	5	3	0	1	16
	1200		834.9		1521.7	49.4	40.9	30.2	5.7		47		1.4		1	4	0	0	1	5	0	7	13
Chaman	0000	4311	872.0		1519.3	39.5	35.1	27.8	5.2		61		1.4		0	1	7	2	1	0	0	0	20
	0300		872.3	+0.7	1522.2	39.6	34.6	25.8	4.8	—1.3	58	—8	1.3	—2.1	1	1	8	5	6	1	0	0	9
	1200		871.0		1517.0	55.2	44.8	30.2	6.0		39		2.0		2	0	0	1	1	5	13	9	0
KALAT (North)																							
Kalat (R)	0000	6616																					
	0300																						
	1200																						
Nushki (R)	0000	3416																					
	0300																						
	1200																						
Dalbandin	0000	2785	921.8		1499.1	38.1	33.9	26.4	4.9		63		1.8		5	10	6	0	0	0	1	0	9
	0300		922.9	+1.3	1507.6	37.0	32.9	25.9	4.7	—2.2	63	—10	2.0	—1.0	4	10	0	0	1	1	0	0	15
	1200		920.7		1522.8	63.7	47.5	24.4	4.7		24		2.6		0	7	7	3	0	4	3	1	6
KALAT (South)																							
Panjgur	0000	3177	908.7		1505.0	38.6	33.4	23.3	4.4		55		1.2		5	26	0	0	0	0	0	0	0
	0300		909.9	+2.0	1516.4	40.0	33.1	18.3	3.8	—3.1	44	—30	0.9	—1.8	1	29	0	0	0	0	0	0	1
	1200		907.4		1519.5	64.3	48.5	26.3	5.3		25		1.7		9	0	0	0	0	15	0	4	3

(R) Register not received.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JANUARY, 1960.

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 Figures 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
CHITTAGONG DIVISION																					
Rangamati	79.5		82	22	50.4		44	26,27	0.00		0.00	0	0		x		0	0	30	0	0
Cox's Bazar (P.T.)	78.8	—0.8	83	6,17,18	57.8	+1.6	52	6 days	0.00	—0.14	0.00	0	0	—0.3	2.5	+1.0	0	0	0	0	0
Chittagong (Patenga)	77.8		83	17	56.7		51	26	0.00		0.00	0	0		x		0	0	0	0	0
Chittagong (P.T.)	79.5	+0.7	83	17	55.0	0.0	49	26	0.00	—0.24	0.00	0	0	—0.4	4.3	+0.6	0	0	0	0	0
Maijdee Court	77.8	—0.3	81	16,17	53.8	—3.7	47	25	0.00	—0.25	0.00	0	0	—0.5	x		0	0	29	0	0
Comilla (R.)																					
Brahmanbaria	78.5	+0.1	82	8,12	53.8	+2.3	49	25	0.00	—0.22	0.00	0	0	—0.7	1.2		0	0	1	0	0
Srimangal	80.0	+0.5	82	7,12,23	44.9	—2.6	39	25	0.00	—0.42	Tr.	5,17,23	0	—1.0	x		0	0	4	0	0
Sylhet (P.B.O.)	78.2		81	12	53.6		49	22	0.00		0.00	0	0		x		0	0	1	0	0
DACCA DIVISION																					
Mymensingh	78.4	+2.3	82	17	52.9	—0.7	47	24	0.00	—0.32	0.00	0	0	—0.9	1.1	+0.4	0	0	0	0	0
Narayanganj	79.6	+1.7	84	17	55.6	+0.1	51	20	0.00	—0.32	0.00	0	0	—0.8	1.3	+0.2	0	0	18	0	0
Dacca (Tejgaon)	77.9		81	16,17	50.8		45	20,25	0.00		0.00	0	0		3.2		0	0	0	0	0
Faridpur	75.4	—0.5	79	16	52.3	—0.2	46	24,25	0.00	—0.43	0.00	0	0	—0.9	1.7	+0.2	0	0	0	0	0
Barisal	76.9	—0.9	81	17	55.3	—0.1	50	27,28	0.00	—0.42	0.00	0	0	—0.7	x		0	0	6	0	0
RAJSHAHI DIVISION																					
Khulna	78.2	—0.3	82	5,8	55.9	+0.7	50	29	0.00	—0.44	0.00	0	0	—0.8	x						
Satkhira	78.7	—1.5	83	16,17	52.8	0	47	25,27,28	0.00	—0.38	0.00	0	0	—0.9	0.2	—0.8	0	0	0	0	0
Jessore (P.T.)	78.1	—0.5	83	16	50.3	+1.1	44	29	0.00	—0.37	0.00	0	0	—0.9	2.4	+1.4	0	0	0	0	0
Pabna	77.2	—1.9	82	16	52.3	+0.4	46	24	0.04	—0.36	0.04	6	0	—0.9	x		0	0	0	0	0
Serajganj	78.2		82	17	52.5		46	24	0.00	—0.38	0.00	0	0	—0.8	1.9		0	0	0	0	0
Rajshahi									0.00	—0.45	0.00	0	0	—1.0							
Bogra (P.B.O.)	77.0	+1.2	81	17	52.6	+0.5	49	5 days	0.00	—0.43	0.00	0	0	—1.0	1.8	+0.9	0	0	0	0	0
Dinajpur	**		**		**		**		0.00	—0.36	0.00	0	0	—0.9	0.0	—1.1	0	0	0	0	0
Rangpur	76.5		79	4 days	49.5		45	19,24	0.00	—0.34	0.00	0	0	—0.8	1.4		0	0	6	0	0

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

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JANUARY, 1960.

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
KASHMIR																					
Jammu (x)																					
LAHORE																					
Lahore (P.B.O.)	66.1	—1.9	73	11,29	40.0	—0.1	35	5	1.05	+0 01	0.74	15	2	0.0	0.6	—0.5	2	0	1	0	0
,, (Cantt.)	65.0	—	72	8,11	39.9	—	34	5	0.78	—	0.66	15	2	—	2.4	—	2	1	4	0	0
,, (Walton)	66.7	—	76	11	39.5	—	35	4,5	0.97	—	0.59	15	2	—	2.9	—	2	0	4	0	0
Sialkot	65.5 (a)	—0.1	72	31	42.1	—0.1	38	9,18,24	0.56	—1.40	0.48	20	1	—1.9	1.4 (a)	+0.5	0	0	0	0	0
RAWALPINDI																					
Jhelum	66.5	—	72	28	39.8	—	34	5	0.62	—	0.25	14	3	—	1.5	—	1	0	0	0	0
Chaklala	61.5	—	67	4,29	36.2	—	31	2	3.43	—	1.71	20	6	—	2.3	—	1	0	4	0	0
Rawalpindi	61.8	—0.5	69	5,28	36.6	—1.3	32	4,5	3.21	+0.72	1.43	20	4	+0.2	2.2 (b)	+0.6	0	0	0	0	0
Khushab	68.0	+0.3	75	5	38.4 (a)	—2.3	34	5,25	0.11	—0.58	0.06	15	0	—1.5	2.1	—0.1	0	0	0	0	0
Sargodha (PAF)	66.1	—	73	10	38.0	—	33	4,5	0.29	—	0.15	15	1	—	1.1	—	1	0	2	0	0
MULTAN																					
Lyallpur	66.7	—0.4	74	10	39.5	—0.4	36	6 days	0.87	+0.47	0.60	15	2	+1.0	1.8	+0.5	0	0	1	0	0
Montgomery	66.0	—2.1	72	11	40.1	—1.6	35	24	0.10	—0.36	0.05	14,15	0	—1.3	1.2	—0.7	0	0	0	0	0
Multan (P.B.O.)	68.5	—	73	11	37.8	—	32	3	0.07	—	0.04	29	0	—	2.0	—	0	0	1	0	0
,, (Surface)	68.8	+0.8	74	10,11	42.2	+0.2	37	3,4	0.02	—0.35	0.02	30	0	—1.2	0.9	—0.1	0	0	10	0	0
BAHAWALPUR																					
Leiah (R)																					
Khanpur (Surface) (R)																					
,, (P.B.O.)	71.2	—	79	28	38.5	—	33	4.21	0.00	—	00.0	—	0	—	2.9	—	0	0	1	0	0
Bahawalpur	70.8	+0.9	79	28	42.6	+2.3	37	24	0.00	—0.16	0.00	—	0	—0.6	2.0	+0.3	0	0	0	0	0
Fort Abbas	71.0	—	81	29	39.8	—	34	24	0.00	—	0.00	—	0	—	2.5	—	0	0	0	0	0
PESHAWAR																					
Chakdara	58.4	—	64	25,26	34.5	—	32	6,25,26	1.46	—	0.45	29	4	—	*	—	0	0	0	0	0
Peshawar	63.8	+0.8	70	9	37.9	—2.5	35	20	0.52	—0.92	0.44	30	2	—0.9	1.8	+0.6	0	0	3	1	0
Risalpur	63.6	—	70	19	32.4	—	28	4,6,24	1.92	—	1.48	12	2	—	2.1	—	0	0	6	0	0
Haripur	64.8	—	70	4,9	35.8	—	33	4	1.94	—	1.13	20	4	—	5.2	—	1	0	0	0	0
Campbellpur (R)																					
D. I. KHAN																					
Kohat	64.2	—	71	10,25	42.2	—	38	20	0.59	—	0.23	12	3	—	3.6	—	0	0	0	0	0
Bannu	64.1	—1.4	70	2	37.9	0.0	36	4 days	0.33	—0.19	0.22	29	2	+0.8	1.2	—	1	0	0	0	0
D. I. Khan	67.9	—0.1	75	4	38.3	—2.0	32	4	0.06	—0.39	0.05	12	0	—1.2	0.5	—0.5	0	0	0	0	0
Mianwali	65.7	—	71	4 days	*	—	—	—	0.28	—	0.16	29	2	—	(x)	—	0	0	0	0	0
AFGHANISTAN																					
Jalalabad (R)																					

(R) Register not received.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JANUARY, 1960.

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
QUETTA																					
Sibi	73.6	+3.5	77	4 days	40.7	—1.3	36	4	0.06	—0.38	0.06	11	0	—1.1	1.5	—0.6	0	0	0	0	0
KALAT (NORTH)																					
Nokkundi	(a) 69.3	+5.9	80	27	40.1	+1.8	30	1	0.00	—0.89	0.00		0	—2.0	(x)		0	0	0	0	0
KALAT (SOUTH)																					
Turbat	81.8		88	6	(x)				0.00		0.00		0		(x)		0	0	0	0	0
Jiwani	75.8		82	20	58.9		55	14,15,31	0.26		0.17	12	1		5.3		1	0	0	0	0
Pasni	77.6	+3.1	83	20	55.0	+0.3	48	14	0.00	—1.95	0.00		0	—2.3	5.2	+0.2	0	0	0	0	0
Ormara	77.4	+3.6	83	23,25	53.7	—2.8	43	23	0.00	—1.55	0.00		0	—1.8	3.9	—0.1	0	0	0	0	0
Lasbela (R)																					
FEDERAL CAPITAL AREA																					
Karachi (Manora)	78.6	+3.1	86	30	53.4	—4.0	45	15	0.16	—0.30	0.16	13	1	0.0	(a) 8.2	+2.8	0	0	0	0	0
Karachi (Mauripur)	76.7		82	7	50.6		43	21	0.16		0.16	13	1		4.3		0	0	2	0	0
Karachi (City)	79.0		84	7,10	50.1		43	23	0.00		0.00		0		3.0		0	0	0	0	0
Karachi (P.A.F.) (x)																					
Karachi (Airport)	77.9		82	30	48.9		42	2,16	0.09		0.09	12	0		3.1		1	0	2	0	0
HYDERABAD																					
Badin (R)																					
Nagarparkar	80.8		87	10,11	52.7		47	23	0.00		0.00		0		1.3		0	0	0	0	0
Umarkot	78.9		84	27,30	45.3		38	22,23	0.00		0.00		0		3.7		0	0	2	0	0
Chhor	79.7		85	11,27,30	43.3		33	22	0.00		0.00		0		1.8		0	0	2	0	0
Hyderabad	78.3	+2.5	89	20	50.7	+0.1	46	5 days	0.00	—0.17	0.00		0	—0.5	3.5	—0.1	0	0	2	0	0
KHAIRPUR																					
Padidan	74.2		82	20	40.3		34	21	0.05		0.05	12	0		3.3		0	0	0	0	0
Nawabshah	75.9		83	20	41.5		35	22	0.00		0.00		0		2.0		0	0	0	0	0
Sukkur	73.6	+1.3	79	27,28	45.8	+0.8	42	3,22	0.00	—0.18	0.00		0	—0.4	2.0	—0.4	0	0	0	0	0
Kashmore	72.4		78	20,28	41.5		34	21	0.00		0.00		0		4.1		0	0	0	0	0
Jacobabad	74.1	+2.7	80	27	45.3	+0.4	39	21	0.00	—0.23	0.00		0	—0.7	2.1	—0.5	0	0	0	0	0
JUNAGADH																					
Veraval (x)																					
AFGHANISTAN																					
Jalalabad (x)																					
ARABIA																					
Muscat (x)																					
HILL STATIONS KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					

(x) Data not received. (R) Data rejected. (a) Mean for 30 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JANUARY, 1960.

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
KASHMIR—(*continued*)																					
Misgar	29.5		36	12	66		—1	24	0.12		0.10	13	1		27	—	0	0	0	0	0
Aliabad (x)																					
Gilgit (surface) (x)																					
RAWALPINDI																					
Murree	42.7	—2.5	53	4	30.4	—0.3	19	2	4.41	+0.62	2.91	20	7	+0.9	5.9	+0.9	0	0	5	0	0
PESHAWAR																					
Drosh	47.8	+2.1	54	11,27	30.1	—1.3	27	6 days	2.56	+1.19	1.38	29	4	+0.6	3.3	+0.8	0	0	0	0	0
Cherat	51.9	+2.7	60	11,28	39.3	+0.4	31	22	0.45	—1.88	0.45	12	1	—2.5	3.8	—5.2	0	0	0	0	0
Kakul	55.7	—	62	3,4,5	37.7	—	31	21	2.29	—	1.23	20	4	—	x	—	0	0	8	0	0
Balakot	57.9	—	68	3,4	34.5	—	29	27	3.66	—	0.97	30	7	—	1.6	—	0	0	0	0	0
Landikotal	54.4	—	61	26,27,28	31.5	—	27	15,22	0.31	—	0.21	29	1	—	2.0	—	0	0	2	0	0
D. I. KHAN																					
Parachinar	33.6	+3.8	62	3,26	27.7	—0.9	22	4 days.	6.15	+4.12	5.50	29	3	—1.6	2.4	+0.7	0	0	0	0	0
Miranshah	59.4	+2.7	70	3	(*)				0.46	—0.34	0.25	12	2	+0.1	1.9	—1.7	0	0	0	0	0
Wana	56.1	+2.8	65	28	27.0	+0.2	05	11	1.26	—0.13	0.89	29	2	—1.0	1.7	—	1	0	0	0	0
QUETTA																					
Fortsandeman	59.4	+4.7	68	19	33.6	+3.0	28	2	0.68	—0.04	0.35	29	2	—0.1	1.1	—0.5	0	0	0	0	0
Hindubagh	54.3		63	25	25.2		16	15	1.04		0.43	12	3		6.5		0	0	0	0	0
Loralai	59.5		68	19	30.5		23	22	0.11	—0.65	0.11	29	1	—0.9	4.4		0	0	0	0	0
Harnai									0.14	—0.75	0.14	12	1	—1.0	(x)		0	0	0	0	0
Samungli	54.1		64	28	25.0		17	2,21	0.47		0.25	11	2		4.6		0	0	0	0	0
Quetta (Fruit Farm)	56.8		65	4 days	26.0		21	2	1.94		1.47	1	3		(x)		0	0	0	2	0
Chaman	58.8	+6.4	68	27,28	36.2	+1.7	29	21,22	0.98	—0.66	0.57	11	2	—2.4	(x)		0	0	0	0	0
KALAT (NORTH)																					
Kalat (R)																					
Nushki (R)																					
Dalbandin	66.0	+4.5	77	19,27	35.1	—0.2	27	2	0.27	—0.61	0.15	11	2	—0.1	2.9	+0.1	1	0	0	0	2
KALAT (SOUTH)																					
Panjgur	65.3	+2.4	74	19	36.0	—2.6	29	1,2,15	0.21	—0.62	0.11	31	2	+0.1	(x)		0	0	0	0	0
AFGHANISTAN																					
Kabul (R)																					
Kandahar	58.5	—	68	28	30.6	—	26	6 days	0.27	—	0.18	11	1	—	1.1	—	0	0	1	0	1

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

REGD. No. S - 1452

PAKISTAN WEATHER REVIEW, 1960

MONTHLY WEATHER REPORT

February

(PUBLISHED BY THE AUTHORITY OF GOVERNMENT OF PAKISTAN)

Chief Features:

1. Five western disturbances affected weather in West Pakistan.
2. Heavy snowfall in Chitral State in the beginning of the month.

West Pakistan

The western disturbance which lay over D. I. Khan and Peshawar Divisions on the last day of the previous month moved away north-eastwards by the 2nd. Local rain or snow fell in North Kalat, Quetta and Peshawar Divisions till the 1st. According to newspaper reports due to heavy snowfall in Chitral State Lowari Pass remained closed to all types of traffic for nearly a week.

Four western disturbances moved thereafter in close succession across the north of the region between the 10th and 16th. The first three caused only scattered light rain or drizzle in Peshawar and D. I. Khan Divisions during the period and in Quetta Division on the 13th. The fourth western disturbance was an active one and, in association with its secondary, which moved across Kalat and Quetta Divisions, caused fairly widespread rainfall in D. I. Khan and Quetta Divisions, local in Peshawar Division and scattered in Kalat and Rawalpindi Divisions between the 14th and the 16th.

During the rest of the month weather was dry except between the 21st and the 22nd, when mainly scattered light rain fell in Quetta, D. I. Khan and Peshawar Divisions in association with the passage of a western disturbance from north Afghanistan to East Russian Turkistan.

Chief amounts of rainfall during the month were:—Parachinar 1-1/2" on the 1st, 2" on the 14th and 1" on the 15th.

The total rainfall during the month was in large defect over the region except in D. I. Khan Division where it was normal. Averaged over the region, it was in large defect.

The mean maximum and mean minimum temperatures were above normal over the region outside Kalat, Hyderabad and Khairpur Divisions where mean minimum temperature was normal.

The mean relative humidity was above normal in Federal Capital Area and Hyderabad Division, normal in Khairpur, Lahore, Rawalpindi, Multan and D. I. Khan Divisions and below normal elsewhere. Cloudiness was in defect over the entire region.

East Pakistan

Weather was dry over the region throughout the month except on the last day when scattered thunderstorms or light rain occurred in Dacca and Chittagong Divisions as a result of the passage of a low pressure wave across West Bengal.

The total rainfall during the month was in large defect over the entire region.

The mean maximum and mean minimum temperatures were above normal except in Chittagong Division where the mean minimum temperature was normal. The mean relative humidity was normal and cloudiness was in defect over the region.

Table I contains the divisional means of rainfall, temperature, humidity and cloud for the 15 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 MEANS FOR FEBRUARY, 1960.

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									
Chittagong	0.06	1.05	—09.9	—94	+3.6	+1.3	+1.5	—2	—1.5
Dacca	0.00	1.06	—1.06	—100	+6.3	+2.4	+1.0	—5	—1.7
Rajshahi	0.00	0.86	—0.86	—100	+5.7	+2.4	+1.2	—5	—1.9
Mean	0.02	0.98	—0.96	—98	+5.2	+2.1	+1.2	—4	—1.7
WEST PAKISTAN									
Kashmir (x)									
Lahore	0.00	1.32	—1.32	—100	+8.0	+5.4	+1.1	—5	—1.5
Rawalpindi	0.10	2.57	—2.47	—96	+8.7	+5.2	+1.1	—1	—1.5
Multan	0.00	0.48	—0.48	—100	+8.8	+4.2	+0.3	—2	—1.7
Bahawalpur	0.00	0.27	—0.27	—100	+8.3	+4.2	+0.7	—8	—1.4
Peshawar	0.98	2.10	—1.12	—53	+9.5	+5.8	+0.8	—6	—1.9
D. I. Khan	1.50	1.50	—0.00	0	+9.3	+4.2	+1.3	—3	—1.5
Quetta	0.19	1.21	—1.02	—84	+10.4	+5.3	—0.5	—14	—1.6
Kalat	0.08	1.17	—1.09	—93	+5.6	+1.7	—1.1	—7	—1.3
Federal Capital Area	0.00	0.44	—0.44	—100	+5.8	+4.3	+4.5	+8	—1.3
Hyderabad	0.00	0.31	—0.31	—100	+8.4	+1.3	+1.1	+6	—1.2
Khairpur	0.00	0.30	—0.30	—100	+7.6	+1.6	+0.3	+2	—0.9
Mean	0.24	1.00	—0.76	—76	+7.8	+3.2	+0.1	—5	—1.4
Junagadh (x)									

(x) Data incomplete

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY 1960.

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.	%	%	oktas										
EAST PAKISTAN																							
Chittagong Division																							
Rangamati	0000	208	1006.9		1014.4	55.7	55.2	54.7	14.8		97		7.8		10	0	0	0	4	0	1	0	14
	0300		1008.7		1016.2	66.9	61.3	57.3	16.2		71		0.8		3	0	3	1	18	1	1	0	2
	1200		1004.7		1011.9	79.0	65.4	55.4	15.4		45		0.6		5	1	1	0	5	9	5	2	1
Cox's Bazar (P.T.)	0300	38	1013.5	—0.1	1014.7	73.1	66 5	61.0	19.3	+0.9	69	0	0.3	—1.2	6	6	5	3	3	1	1	4	0
	1200		1010.3		1011.5	75.1	68.3	65.0	20.2		68		1.0		1	0	0	0	2	4	15	6	1
Chittagong (Patenga)	0000	20	1012.5		1013.2	62.2	60.8	59.7	17.3		91		0.7		0	4	1	1	0	0	0	0	23
	0300		1014.4		1015.1	71.4	65.1	61.1	17.8		69		0.3		4	12	2	2	0	0	0	0	9
	1200		1011.0		1011.7	76.0	68.8	64.4	20.6		67		0.5		1	0	0	0	2	8	15	0	3
Chittagong P.T.	0300	46	1013.8	—0.2	1015.3	72.6	65.3	60.6	18.1	+0.8	65	6	0.6	—1.2	2	6	8	8	1	1	0	0	3
	1200		1009.8		1011.4	76.1	67.4	62.4	19.1		62		0.6		0	1	0	0	0	15	11	2	0
Maijdi Court	0000	25	1012.3		1013.2	62.0	60.9	60.2	17.8		94		0.2		1	0	0	0	0	0	0	0	28
	0300		1014.4	—0.1	1015.3	72.9	67.9	64.6	21.0	+2.3	76	+3	0.3	—1.6	0	0	0	0	0	0	0	1	28
	1200		1010.3		1011.2	75.3	68.8	63.4	21.0		70		3.6		4	1	0	0	5	1	4	3	11
Comilla	0000	29	1011.8		1012.8	60.2	59.2	58.1	16.7		94		0.9		0	0	0	0	1	0	0	0	28
	0300		1013.3	—1.2	1014.3	69.1	64.2	61.4	18.3	+0.6	75	+4	0.6	—1.6	0	0	0	0	1	0	0	0	28
	1200		1009.5		1010.5	79.8	68.3	61.0	18.4		53		0.5		0	0	0	0	1	0	0	0	28
Brahmanbaria	0000	32	1012.1		1013.2	61.4	59.8	58.5	16.7		91		0.9		0	0	0	0	1	0	0	0	28
	0300		1014.1		1015.2	74.1	67.4	63.0	20.1	+4.2	70	+3	1.0		0	0	0	1	2	3	1	0	22
	1200		1009.7		1010.7	78.2	68.9	63.0	19.5		60		0.6		0	0	0	1	1	0	0	0	27
Srimangal	0000	69	1010.7		1013.2	52.6	51.7	50.9	12.9		93		1.1		0	0	0	0	0	0	0	0	29
	0300		1012.5	—0.5	1015.0	70.3	62.5	57.3	16.0	+0.4	62	—15	0.5	—1.6	0	0	0	0	1	0	0	0	28
	1200		1008.4		1010.8	77.3	66.2	59.1	17.2		53		0.8		0	0	0	0	0	0	0	0	29
Sylhet (P.B.O.)	0000	115	1008.6		1012.8	60.2	56.7	53.5	15.2		79		0.7		0	0	22	0	0	0	0	0	7
	0300		1010.8		1014.8	70.7	62.8	56.9	16.1		62		0.5		0	0	27	0	0	0	0	0	2
	1200		1006.6		1010.6	76.9	64.1	54.4	14.6		48		0.4		0	0	1	0	0	0	13	1	14
Dacca Division																							
Mymensingh	0000	62	1010.8		1013.1	61.1	58.6	56.4	15.7		85		0.7		0	0	0	2	0	0	1	0	26
	0300		1013.1	—3·0	1015.3	68.9	62.7	58.3	16.6	+1.1	69	—5	0.5	—1.8	0	0	1	21	0	0	2	0	5
	1200		1008.7		1010.8	81.7	68.0	58.9	17.1		47		0.5		0	1	1	1	0	0	3	0	23
Narayanganj	0000	26	1011.6		1012.5	63.0	60.8	59.2	17.2		88		0.0		0	0	0	1	0	2	0	0	26
	0300		1013.8	—0.6	1014.7	72.3	64.6	59.7	17.3	+0.6	64	—7	0.7	—1.8	0	0	1	2	3	0	7	1	15
	1200		1009.7		1010.6	80.5	66.5	55.7	15.9		45		0.2		0	0	1	1	2	0	1	1	23
Dacca (Tejgaon)	0000	27	1011.0		1012.0	58.9	57.0	55.4	15.0		88		0.9		1	0	0	1	2	6	4	2	3
	0300		1013.3		1014.3	71.2	63.5	57.8	16.6		64		0.6		3	2	0	3	0	7	5	3	6
	1200		1009.2		1010.1	79.5	64.4	53.1	13.6		40		0.6		0	0	0	1	1	5	9	8	5

(b) Observation for 30 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY, 1960.

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										
Dacca Division																							
Faridpur	0000	46	1012.0		1013.6	59.8	58.1	56.4	15.8		90		0.7		1	1	0	3	2	0	0	0	22
	0300		1013.6	+0.1	1015.2	72.5	64.2	57.3	16.7	+0.4	62	—1.2	0.6	—1.4	7	0	0	1	5	1	1	2	12
	1200		1009.5		1011.1	80.9	67.2	57.3	16.7		47		0.7		0	0	0	1	0	0	0	0	28
Barisal	0000	11	1012.9		1013.3	63.8	62.1	60.7	18.6		91		0.3		0	0	0	0	0	0	0	0	29
	0300		1014.6	—0.1	1015.0	72.0	66.9	64.6	20.3	+1.8	76	+3	0.5	—1.8	3	3	0	4	1	0	3	0	15
	1200		1010.7		1011.1	80.4	71.6	67.3	21.8		63		0.6		0	0	0	0	1	0	0	0	28
Rajshahi Division																							
Khulna	0000	16	1012.3		1012.9	63.1	61.6	60.4	18.1		91		0.5		0	0	0	0	0	0	0	0	29
	0300		1014.6	—0.2	1015.2	73.9	66.6	61.7	18.5	+2.0	66	0	0.6	—1.9	0	1	0	0	2	0	0	0	26
	1200		1010.5		1011.0	81.4	67.1	57.6	16.0		44		0.1		0	0	0	1	1	0	0	0	27
Satkhira	0000	16	1012.1		1012.7	62.0	60.7	59.5	17.3		91		2.4		0	0	0	0	0	0	0	0	29
	0300		1014.5	—0.1	1015.1	72.4	65.8	60.9	18.5	+1.4	69	—5	0.2	—2.2	0	0	0	0	0	1	0	0	28
	1200		1010.7		1011.3	79.9	68.3	62.1	18.6		53		0.0		0	0	0	0	0	1	0	0	28
Jessore (P.T.)	0000	26	1011.4		1012.3	58.5	57.4	56.3	16.0		94		1.5		0	0	0	1	2	0	0	0	26
	0300		1013.7	—0.9	1014.6	68.4	64.0	60.9	18.0	+1.6	77	+6	0.4	—1.8	0	0	0	5	9	5	2	5	3
	1200		1010.4		1011.3	81.2	68.8	59.6	18.1		50		0.2		5	0	0	1	4	1	11	0	7
Pabna	0000	48	1010.5		1012.2	58.9	57.1	55.7	15.1		88		0.3		1	1	0	2	2	1	0	3	19
	0300		1012.7		1014.4	71.9	64.1	58.5	16.9	+1.0	62	—9	0.2		1	2	0	5	1	3	2	12	3
	1200		1008.6		1010.3	80.1	68.5	61.3	18.6		53		0.3		1	4	0	0	0	4	7	3	10
Serajganj	0000	51	1010.8		1012.7	58.7	57.4	56.7	15.5		92		0.5		0	0	0	0	1	0	1	1	26
	0300		1012.5		1014.2	71.1	65.6	62.0	19.0		73		0.3		0	5	1	0	0	5	0	1	17
	1200		1008.5		1010.2	77.3	70.3	66.2	22.1		69		0.2		0	0	0	0	0	0	0	0	29
Rajshahi	0300												0.8										
Bogra (P.B.O.)	0000	65	1010.0		1012.4	58.3	56.4	54.6	14.6		88		0.4		0	0	0	1	0	0	0	0	28
	0300		1012.2	—0.7	1014.5	69.8	61.7	55.7	15.2	+0.5	61	—11	0.3	—1.6	1	1	5	1	0	3	2	1	15
	1200		1008.1		1010.3	78.9	64.8	54.4	14.6		43		0.3		0	0	0	0	0	3	10	2	14
Dinajpur	0000	123	1008.6		1013.1	56.8	54.1	51.4	13.4		84		0.0		0	0	0	0	0	0	0	0	29
	0300		1010.3	—0.5	1014.8	69.3	61.4	54.8	14.7	+0.7	61	—12	0.0	—1.9	0	0	0	0		0	0	0	29
	1200		1006.0		1010.3	81.5	65.9	55.6	14.5		40		0.0		0	0	0	0		0	0	0	29
Rangpur	0000	113	1009.1		1013.3	57.1	55.4	53.7	14.2		89		0.2		1	3	1	0	0	1	2	2	19
	0300		1011.0		1015.1	68.3	61.4	57.9	16.3		74		0.2		6	14	4	0	0	1	1	1	2
	1200		1006.4		1010.4	78.1	67.5	60.7	14.3		56		0.3		0	0	0	1	0	2	1	1	24

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY, 1960.

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 950/700 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										
KASHMIR																							
Jammu (x)	0300	1200																					
	1200																						
LAHORE																							
Lahore (P.B.O.)	0000	702	989.3		1014.9	51.6	49.3	46.9	10.9		84		1.0		0	0	0	0	0	0	0	3	26
	0300		990.6	—0.1	1016.1	54.0	50.6	47.3	11.0	+1.3	78	+3	1.8	—1.3	0	0	0	0	0	0	0	3	26
	1200		988.6		1013.0	76.8	59.6	43.4	9.8		31		1.6		0	0	0	0	0	0	3	12	14
,, (Cantt.)	0000	703	989.0		1014.5	52.4	49.7	46.9	10.9		85		0.8		4	0	1	0	0	0	4	5	15
	0300		990.1		1015.5	54.4	50.6	47.3	10.9	—	75	—	1.7	—	2	0	0	0	0	1	4	5	17
	1200		988.0		1012.2	76.4	60.5	46.4	10.1		34		1.2		0	0	1	0	0	2	7	16	8
,, (Walton)	(x) 0000	699	—		—	—	—	—	—		—		—										
	0300		990.5	—	1015.9	52.7	49.8	46.7	10.9	—	81	—	1.5	—	1	0	1	0	1	1	3	5	17
	1200		988.2		1012.4	77.0	61.8	49.1	12.0		38		1.2		5	0	1	0	1	0	1	20	5
Sialkot	0000	830	(d) 984.4		(d) 1014.4	53.2	50.1	47.5	10.9		80		0.2		0	0	0	0	0	0	0	0	29
	0300		985.9	—0.3	1015.7	58.2	52.9	47.6	11.4	+0.8	69	—14	1.0	—1.6	0	1	0	0	0	0	1	0	27
	1200		983.4		1012.1	74.1	60.9	49.7	12.4		42		1.3		0	0	0	0	0	0	0	4	25
RAWALPINDI																							
Jhelum	0000	765	986.8		1014.6	51.2	48.0	44.6	10.0		77		1.7		0	1	0	0	0	1	1	2	24
	0300		988.3	—	1016.1	53.0	49.0	44.6	10.1	—	73	—	2.3		1	3	0	1	0	0	2	5	17
	1200		(c) 985.7		(c) 1012.2	76.9	60.1	44.7	10.2		34		2.3		0	1	0	0	0	1	4	13	10
Chaklala	0000	1667	956.5		1016.4	48.6	45.5	42.3	9.1		78		2.0		6	2	0	0	0	3	4	4	10
	0300		957.7	—	1017.6	48.9	45.6	42.0	9.2		77	—	1.9	—	4	0	0	0	0	1	6	4	14
	1200		955.6		1012.7	72.4	56.7	42.0	9.3		34		2.8		0	0	0	0	1	1	19	6	2
Rawalpindi	0000	1675	956.1		1016.1	49.1	46.5	44.0	9.8		82		1.6		3	1	1	0	1	1	4	7	11
	0300		957.4	+ 0.2	1017.6	49.9	47.4	44.7	10.2	+1.7	83	+5	2.0	—1.3	1	0	0	1	3	1	8	2	13
	1200		955.0		1012.7	70.6	56.7	45.6	10.1		39		2.6		0	0	0	0	6	8	10	1	4
Khushab	0000	616	*		*	51.3	48.8	45.9	10.6		82		1.0		0	0	0	0	0	0	0	0	29
	0300		994.0	—0.5	1016.4	53.1	49.6	45.5	10.5	+2.2	76	+11	1.3	—1.7	0	0	3	0	0	0	1	0	25
	1200		992.2		1013.5	79.4	64.3	51.5	13.9		40		1.1		0	0	4	0	2	2	6	0	15
Sargodha (P.A.F.)	0000	617†	(c) 992.5		(c) 014.6	(c) 52.1 c	(c) 49.6 c	c 47.2 c	c 10.9 c		83		2.2		0	1	1	0	0	1	3	1	22
	0300		(c) 993.9	—	(c) 1016.0	53.2 c	50.2 c	47.1 c	11.0 c	—	80		2.1	—	1	1	0	0	1	2	4	2	18
	1200		(c) 991.9		(c) 1012.8	77.8 c	61.6 c	47.7 c	11.5 c		36		2.0		1	1	4	0	3	8	7	1	4
MULTAN																							
Lyallpur	0000	605	992.9		1015.1	52.0	49.1	46.1	10.6		79		1.3		0	1	0	0	0	1	0	0	27
	0300		994.0	+0.1	1016.1	51.0	48.5	45.9	10.5	+1.2	82	+7	2.1	—1.7	1	1	1	1	2	2	2	2	17
	1200		992.2		1013.0	78.8	61.6	46.3	10.8		33		1.6		0	1	2	1	2	2	3	3	15
Montgomery	0000	558	994.4		1014.7	52.9	49.6	46.2	10.7		76		0.5		0	1	1	0	0	1	0	1	25
	0300		995.7	—0.3	1015.8	54.4	49.8	44.9	10.2	+ 0.2	70	—8	0.2	—2.2	0	1	1	5	0	1	1	1	19
	1200		993.9		1013.1	79.2	61.2	45.0	10.3		30		0.0		0	1	1	2	0	4	4	0	17
Multan (P.B.O.)	0000	404	1000.0		1014.9	51.8	47.9	43.5	9.6		74		0.9		2	1	0	3	0	1	0	0	22
	0300		1001.7	—	1016.6	53.1	48.7	43.6	9.8	—	71	—	1.3	—	2	1	0	1	0	2	0	1	22
	1200		998.8		1012.9	79.2	60.4	41.9	9.3		27		1.4		4	1	4	4	3	4	0	0	9
Multan (Surface)	0300	413	1001.2	—0.1	1016.1	56.8	51.0	44.9	10.2	—0.5	65	—5	1.4	—1.1	5	0	2	0	0	0	0	0	
	1200		998.5		1012.8	79.6	61.2	44.3	10.2		28		1.7		5	0	6	0	6	0	1	0	22 11

(x) Data not available. (c) Mean for 28 days. (d) Mean for 27 days. * Data rejected.

† H. B. Changed from 603 to 617 feet w.e.f. 19th February 1960

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY, 1960.

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										
BAHAWALPUR																							
Leiah (x)	0000	487																					
	0300																						
	1200																						
Khanpur (Surface) R	0300	297																					
	1200																						
Khanpur (P.B.O.)	0000	290	1003.9		1014.6	51.0	47.1	42.5	9.3		73		0.4		2	7	0	1	1	2	0	0	16
	0300		1005.8		1016.4	56.7	50.1	42.7	9.4	—	60	—	1.0	—	2	7	0	0	0	2	0	0	18
	1200		1002.3		1012.4	82.4	60.9	39.8	8.6		23		0.9		6	8	0	0	0	4	5	2	4
Bahawalpur	0300	384	1002.6	+0.9	1016.5	59.2	52.2	44.2	10.2	+0.7	59	—8	1.2	—1.4	2	4	1	3	3	4	0	0	12
	1200		999.3		1012.5	82.8	63.6	48.1	11.5		30		0.4		9	4	2	0	2	3	1	1	7
Fort Abbas	0000	475	*		*	*	*	*			...		0.1		21	0	0	0	0	2	4	1	1
	0300		999.1	...	1016.4	53.2	47.8 (d)	41.1 (d)	8.9	—	65	—	0.3	—	1	2	5	3	3	0	1	0	14
	1200		996.2		1012.6	80.9	61.3	44.5	9.7		27		0.3		15	3	0	0	1	1	1	1	7
PESHAWAR																							
Chakdara	0000	2197	938.0		1016.5	47.4	44.0	39.7	8.6		76		2.2		0	1	6	0	0	0	4	0	18
	0300		938.8	—	1017.4	45.8	43.8 (c)	41.0 (c)	8.9	—	85	—	1.9	—	3	0	2	2	0	0	1	0	21
	1200		936.1		1010.9	69.0	56.7	46.3	10.8		45		2.8		0	0	0	2	1	12	0	1	13
Peshawar	0000	1177	974.2		1016.6	50.9	46.7	41.6	9.0		70		1.8		1	1	0	1	7	8	0	1	10
	0300		975.4	—0.3	1018.0	50.8	46.7	41.6	9.0	+0.8	71	—5	2.1	—3.0	0	0	0	3	12	6	0	0	8
	1200		972.9		1013.6	72.5	57.4	42.3	9.4		35		3.7		7	1	0	3	2	0	0	2	14
Risalpur	0000	1009	980.2 (c)		1016.8 (c)	46.7	44.4	41.3	8.9		83		2.3		0	1	0	0	0	2	6	4	16
	0300		981.2	—	1018.0	47.7	45.5	43.1	9.4	—	83	—	2.3	—	1	2	0	0	0	1	7	5	13
	1200		978.4		1013.3	73.4	58.4	44.0	9.9		35		3.4		1	2	1	0	1	0	12	3	9
Haripur	0300	1757	954.9	—	1017.5	52.2	46.7	40.7	8.7	—	65	—	1.4	—	0	10	1	5	1	12	0	0	0
	1200		952.2		1012.4	71.4	58.5	47.9	10.5		43		1.5		0	3	1	4	0	21	0	0	0
Campbellpur (R)	0300	1175																					
	1200																						
D. I. KHAN																							
Kohat	0000	1667	957.7		1016.8	56.7	48.3	38.6	8.4		52		1.5		2	0	0	0	0	1	0	20	6
	0300		958.9	—	1018.0	56.7	48.0	37.6	7.9	—	52	—	1.5	—	1	1	0	2	0	0	1	18	6
	1200		956.9		1013.9	73.3	56.0	39.4	8.5		29		2.5		2	8	1	1	3	0	0	1	13
Bannu	0000	1263	970.1		1015.3	54.1	49.3	43.6	10.2		67		0.8		1	0	0	0	0	0	3	3	22
	0300		971.5	—	1016.9	54.4	49.6	43.9	10.4	+2.3	67	+1	2.0	—0.5	2	0	0	0	1	0	2	7	17
	1200		969.1		1012.7	73.4	61.3	51.4	13.7		47		3.5		0	2	3	9	2	2	0	0	16
D. I. Khan	0000	570	994.2		1014.8	52.8	49.1	45.1	10.4		75		0.9		3	0	0	0	0	0	2	2	22
	0300		995.2	—0.9	1016.2	53.2	49.3	45.2	10.3	+1.6	73	+2	1.0	—1.6	1	0	0	0	0	0	0	2	26
	1200		992.7		1012.4	78.3	64.8	55.1	15.4		45		1.5		0	1	1	0	0	0	0	0	27
Mianwali	0000	679	990.1		1014.9	51.1	48.1	44.7	10.1		79		1.7		2	0	0	0	0	0	0	1	26
	0300		991.6	—	1016.3	52.6	49.2	45.2	10.4	—	77	—	2.0	—	5	0	0	0	0	0	0	1	23
	1200		989.2		1012.8	76.1	62.0	51.1	12.7		41		1.7		0	0	0	0	0	0	0	0	29

(*) Data rejected. (R) Data not received. (x) Data not available. (d) Mean for 27 days. (g) Mean for 28 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY, 1960.

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										
QUETTA																							
Sibi	0000	441	999.9		1016.0	53.4	46.6	37.5	7.8		55		0.9		0	2	0	1	0	0	0	2	24
	0300		1000.4	+1.0	1016.7	53.2	46.5	37.6	7.8	+0.2	56	+5	0.9	—1.6	2	0	0	0	0	0	0	2	25
	1200		997.7		1012.8	84.3	60.7	37.0	7.6		19		2.1		1	0	0	9	2	5	0	1	11
KALAT (NORTH)																							
Nokkundi	0000	2229	938.5		1017.0	53.8	44.0	30.9	5.9		42		0.4		7	6	0	1	1	0	1	11	2
	0300		940.2		1019.2	52.0	44.2	34.3	6.8	—0.6	52	+3	0.7	—1.8	7	11	3	0	2	1	1	3	1
	1200		937.0		1011.8	78.4	57.8	38.6	8.0		24		0.7		2	0	1	10	8	3	1	4	0
KALAT (SOUTH)																							
Turbat	0000	510	993.8		1011.9	65.7	56.1	46.9	11.1		51		0.0		0	1	22	2	0	0	2	0	2
	0300		994.2		1012.5	61.0	52.2	41.4	9.4		51		0.2		0	3	18	4	0	0	0	0	4
	1200		992.6		1009.9	87.7	65.0	45.2	10.9		24		0.2		0	4	1	1	4	5	11	2	1
Jiwani	0000	185	1003.4		1015.0	64.5	62.1	58.5	18.0		87		0.6		6	3	0	1	2	3	6	2	6
	0300		1009.7		1016.3	63.3	60.4	57.2	16.6		84		1.5		6	5	1	3	0	0	8	1	5
	1200		1007.5		1013.9	77.6	65.3	57.2	16.1		50		1.0		0	0	1	0	10	13	4	1	0
Pasni	0000	28	1013.3		1014.3	59.8	57.5	55.1	15.1		87		0.6		1	0	0	0	0	1	6	5	16
	0300		1014.9	—0.0	1015.9	60.1	56.9	53.5	14.4	—0.2	81	0	1.2	—1.1	2	1	0	0	0	1	5	7	13
	1200		1012.5		1013.5	78.6	68.6	62.9	18.4		65		1.0		0	1	0	7	7	10	2	2	0
Ormara	0000	15	1013.7		1014.2	62.0	60.4	58.7	17.2		90		0.7		0	1	0	1	0	0	5	1	21
	0300		1015.2		1015.7	62.6	59.4	55.4	15.8	—0.4	82	0	0.7	—2.1	0	0	1	3	1	0	2	1	21
	1200		1012.5		1013.0	78.9	67.3	60.6	17.6		52		1.0		0	0	1	1	2	3	20	1	1
Lasbela R	0000	292																					
	0300																						
	1200																						
FEDERAL CAPITAL AREA																							
Karachi (Manora)	0000	13	1013.6		1014.1	67.5	63.8	61.0	18.5		80		0.8		7	8	0	0	0	2	2	0	10
	0300		1015.0	—0.2	1015.5	69.2	64.9	61.8	19.0	+4.5	78	+8	0.8	—1.3	5	12	0	0	0	2	2	1	7
	1200		1012.4		1012.9	79.6	74.8	72.4	27.3		79		0.7		0	0	2	0	0	13	14	0	0
Karachi (Mauripur)	0000	52	1012.2		1014.0	63.4	56.8	52.4	14.1		78		0.6		3	6	0	0	0	0	1	3	16
	0300		1013.5		1015.3	59.0	54.4	48.4	12.4		72		1.1		2	12	0	0	0	0	0	0	15
	1200		1010.9		1012.7	80.1	65.0	51.7	14.4		41		0.6		0	2	0	0	0	11	13	3	0
Karachi (City)	0300	20	1014.3		1015.0	63.2	58.0	53.0	14.1		71		0.8		8	2	0	0	0	2	2	8	7
	1200		1011.8		1012.5	79.5	66.0	55.6	15.7		45		0.3		1	1	0	0	0	17	10	0	0
Karachi (P.A.F.) S	0000	38																					
	0300																						
	1200																						
Karachi (Airport)	0000	73	1011.5		1014.3	57.4	53.0	47.7	11.8		73		0.4		5	4	0	0	0	0	2	1	17
	0300		1013.1		1015.9	58.3	53.2	47.1	11.5		69		0.9		5	2	1	0	0	0	1	2	18
	1200		1010.2		1012.7	82.2	65.0	50.7	13.4		36		0.7		1	1	0	1	2	19	5	0	0
HYDERABAD																							
Bad	0000	31	1013.2		1014.3	59.7	56.2	52.5	13.8		79		0.0		4	0	0	0	0	17	5	3	0
	0300		1014.6	+1.0	1015.7	60.3	56.2	52.6	13.6	+1.2	75	+7	0.4	—1.5	4	0	0	0	0	15	5	4	1
	1200		1012.2		1013.3	87.7	63.4	39.4	9.0		20		0.6		3	0	0	0	6	12	2	0	5
Nagarparkar R	0000	178																					
	0300																						
	1200																						

S—Observations suspended R Register not received.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY, 1960.

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										
Umarkot	0000	55	1010.9		1012.9	56.4	51.1	44.8	10.4		67		0.2		4	5	1	1	5	1	0	0	12
	0300		1012.7		1014.7	56.4	50.9	44.8	10.3		66		1.3		4	6	2	3	3	1	0	1	9
	1200		1009.4		1011.3	88.4	66.7	51.0	12.6		27		1.0		5	0	0	0	0	5	6	12	1
Chhor	0000	19	1012.7		1013.4	50.9	46.3	40.0	8.7		67		0.4		1	2	0	0	0	0	0	0	26
	0300		1014.8		1015.5	56.2	48.8	39.3	8.5		55		0.9		1	1	0	0	0	2	0	0	25
	1200		1011.1		1011.8	88.4	62.0	34.2	7.1		15		0.9		2	3	0	0	0	10	6	3	5
Hyderabad	0000	98	1010.4		1014.0	59.5	53.5	47.2	11.4		65		0.6		9	3	0	0	2	0	0	1	14
	0300		1012.1	0.0	1015.7	59.5	53.1	46.7	11.2	+1.1	64	+5	0.8	—0.9	8	1	0	0	0	1	0	0	19
	1200		1009.2		1012.6	86.9	64.3	43.5	10.4		23		0.9		10	3	1	0	3	1	0	0	11
KHAIRPUR																							
Padidan	0000	153	1008.5		1014.1	51.2	47.3	43.4	9.5		74		0.7		2	2	2	0	0	0	3	8	12
	0300		1010.4		1016.1	53.1	48.2	42.6	9.3		68		0.5		3	3	0	4	0	0	3	5	11
	1200		1007.4		1012.6	83.0	61.6	41.3	9.1		23		0.4		11	2	1	2	2	0	2	9	0
Nawabshah	0000	124	1010.3		1015.0	52.4	48.2	43.0	9.6		71		0.3		0	0	0	0	0	0	0	2	27
	0300		1012.0		1016.7	51.8	47.7	42.6	9.2		72		0.9		1	1	2	0	0	0	0	10	15
	1200		1009.0		1013.3	84.3	62.1	42.9	9.1		23		0.9		8	0	1	0	3	0	0	10	7
Sukkur	0300	221	1007.6 c	+0.6	1015.7 c	58.1 c	52.3 c	46.1 c	10.8 c	+1.1	65	+7	1.0 c	—0.6	3	2	3	6	6 c	0	0	1	7
	1200		1004.6		1012.2	82.5	62.5	44.6	10.3		27		1.2		10	5	1	2	2	3	4	1	1
Kashmore*	0000	255	*			61.3	48.6	30.6	6.1		32		0.7		0	0	0	0	0	0	0	0	29
	0300		1007.4		1016.6	65.7	53.4	38.8	8.5		39		0.7		0	7	0	0	0	0	1	0	21
	1200		1003.8		1012.4	82.6	61.2	40.6	8.8		23		0.6		0	6	0	0	0	0	1	0	22
Jacobabad	0000	183	1007.7		1014.3	55.9	47.6	37.4	8.4		56		0.7		2	0	4	3	1	0	0	4	15
	0300		1009.5	+0.3	1016.1	55.8	47.2	36.4	8.5	—0.6	56	—3	0.9	—1.1	1	0	2	3	1	0	0	2	20
	1200		1006.3		1012.6	84.3	60.5	35.5	7.4		17		1.0		3	1	3	6	4	2	0	5	5
JUNAGADH																							
Veraval	0000	26	x			x	x	x					x										
	0300		1013.1 c R		1014.1 c R	67.2 c R	59.0	52.5 g k	13.4		59		0.0 c r		7	13	5	0	0	0 c 0	0	0	3
	1200		1009.7		1010.7	79.1	72.3	69.5	24.0		71		0.0		2	1	2	0 g	1	1	7	5	2
AFGHANISTAN																							
Jalalabad (x)	0300																						
	1200																						
ARABIA																							
Muscat (x)	0300	20																					
	1700																						
HILL STATIONS																							
KASHMIR																							
Srinagar (x)	0000																						
	0300																						
	1200																						

Data for 20 days (*) Data for 19 days (x) Data not available. c Data for 28 days g Data for 21 days

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY, 1960.

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										
HILL STATIONS																							
KASHMIR																							
Srinager	0000																						
	0300																						
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300																						
	1200																						
Sonamarg (x)	0300																						
	1200																						
Dras (x)	0300																						
	1200																						
Kargil (x)	0300																						
	1200																						
Leh (x)	0000																						
	0300																						
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	*		*	*	*	*	*		*		2.6		0	0	0	0	0	0	0	0	29
	0300		700.0	—	3103.4	21.7	*	*	*	—	*	—	3.2	—	0	0	0	0	0	0	1	0	28
	1200		696.7		3066.5	36.4	*	*	*		*		4.1		0	1	14	2	0	1	3	1	7
Aliabad (x)	0300																						
	1200																						
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
RAWALPINDI																							
Murree	(x) 0000	7113																					
	0300		786.0	+2.6	1519.4	44.6	36.1	22.4	4.2	—0.7	43	—18	2.3	—1.5	0	7	2	11	0	1	1	1	6
	1200		7.851		1501.0	51.8	42.4	30.5	5.9		45		3.1		0	2	1	7	0	3	1	9	6
PESHAWAR																							
Drosh	0000	4806	858.4		1544.0	41.7	37.3	30.1	5.8		65		3.1		0	6	5	4	0	0	0	0	14
	0300		859.3	+2.9	1552.9	40.8	36.6	29.6	5.7	+0.4	65	—6	3.6	—0.3	0	1	5	1	1	0	0	0	21
	1200		856.0		1522.2	53.5	44.7	31.5	6.6		46		4.0		0	8	6	8	0	1	0	0	6
Chenat	(x) 0000	4272	—		—	—	—	—	—														
	0300		872.6	+1.7	1519.3	52.1	44.0 (c)	32.6 (c)	6.6	+1.2	50	—6	1.2	—2.3	22	5	2	0	0	0	0	0	0
	1200		871.7		1513.1	59.4	47.5 (c)	32.6 (c)	6.5		36		2.6		25	2	0	0	0	0	0	0	2
Kakul	0000	4214	873.5		1507.5	48.5	41.8	32.8	6.3		55		2.4		4	5	3	1	1	0	1	14	0
	0300		874.5	—	1518.2	49.7	42.0	32.3	6.3	—	52	—	2.4	—	5	3	3	1	0	0	0	16	1
	1200		873.0		1508.2	61.8	50.0	35.7	7.5		39		3.0		0	1	0	8	5	2	5	8	8
Balakot (R)	0000	3226																					
	0300																						
	1200																						
Landikotal	0000	3503	895.0		1496.5	44.6	40.0	32.7	6.5		66		2.7		0	0	0	0	0	0	0	0	29
	0300		897.0	—	1507.7	46.4	40.5	31.5	6.2	—	57	—	2.8	—	0	0	0	0	0	1	0	1	27
	1200		895.4		1506.8	62.9	48.7	30.2	6.1		32		3.2		0	0	0	1	2	9	0	6	11

(R) Register not received. (x) Data not received. (*) Data rejected. (c) Mean for 28 days

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY, 1960.

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										
D. I. KHAN																							
Parachinar	0000	5673	829.3		1530.4	40.2	35.5	28.5	5.4		62		1.1		15	0	0	0	0	0	0	0	14
	0300		831.0	+4.3	1541.6	42.4	36.8	28.5	5.4	+0.4	57	—11	1.7	—1.7	13	1	1	1	0	0	1	1	11
	1200		929.4 (x)		1519.7 (x)	58.6	46.2	31.1	6.2		34		2.6		1	1	2	15	1	1	0	2	6
Miranshah	0000	3026	*		*	*	*	*	—		—		0.6		0	2	0	0	0	0	0	0	27
	0300		911.7	...	1496.1	48.4	43.1	36.3	7.4	+1.3	62	—8	1.0	—1.6	0	1	0	0	0	0	0	0	28
	1200		909.9		1500.2	67.5	58.7	51.2	13.3		57		2.0		0	13	0	0	0	2	0	0	16
Wana	0300	4503	865.5	...	1519.3	40.6	37.5	32.7	6.5	+0.9	75	—1	0.7	—2.1	0	0	0	0	8	7	0	1	13
	1200		863.2		1502.3	64.9	48.5	25.8	5.0		24		1.7		0	1	6	7	5	7	3	0	0
AFGHANISTAN																							
Kabul (R)	0300	5955																					
	1200																						
Kandahar	0300	3462	900.6	...	1522.7	42.4	38.7	33.8	6.5	—	72	—	1.9	—	0	0	2	2	1	1	0	0	23
	1200		897.7		1520.2	68.6	53.4	38.0	7.8		33		2.2		1	1	1	0	2	6	5	1	12
QUETTA																							
Fortsandeman	0300	4614	862.7	+2.6	1526.1	44.4	37.8	26.7	5.0	—0.8	50	—24	2.2	—0.5	0	2	0	8	1	3	0	2	13
	1200		860.8		1513.3	68.0	49.3	24.3	4.5		19		3.4		4	4	0	2	0	8	0	9	3
Hindubagh	0000	5909	820.1		1510.5	36.4	31.2	22.9	4.1		56		1.5		0	0	0	0	0	3	6	9	11
	0300		820.9		1515.3	39.0	33.0	23.7	4.3		53		1.8		1	0	0	0	0	1	5	9	13
	1200		819.0		1483.8	61.0	48.2	35.7	7.0		38		2.4		1	0	2	1	0	8	8	5	4
Loralai	0000	4699	858.1		1508.8	42.6	36.6	26.2	5.0		54		1.2		0	0	0	0	0	7	17	3	2
	0300		858.9		1516.0	40.8	35.2	24.8	4.7		56		1.5		0	0	0	0	0	7	12	8	2
	1200		856.5		1496.6	67.7	50.8	30.3	5.9		25		2.8		1	0	2	13	3	4	0	4	2
Harnai	0300	2861											x		0	0	0	0	0	0	29	0	0
	1200												x		0	0	29	0	0	0	0	0	0
Quetta Samungli	0000	5211	843.7		1528.3	35.1	33.2	30.6	5.8		83		1.9		0	1	6	9	1	0	0	1	11
	0300		844.9		1536.7	35.3	33.1	29.9	5.7		80		2.3		1	1	8	10	0	0	0	0	9
	1200		842.5		1511.5	62.5	48.3	32.7	6.5		34		2.9		2	0	0	3	3	0	3	16	2

(x) Mean for 27 days (R) Register not received. Data rejected

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF FEBRUARY, 1960.

DIVISION AND STATION	Hours of observation.	Height of bar eistern 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 14.7 lb. 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										
Quetta (Fruit Farm)	0300	5490	833.9	+0.3	1514.0	42.4	38.1	32.9	6.3	+0.8	68	—7	1.0	—2.2	0	0	0	1	3	1	1	1	22
	1200		833.3		1501.5	62.2	51.1	40.7	8.8		47		1.6		1	0	0	2	1	3	0	0	22
Chaman	0000	4311	871.2		1516.0	48.6	40.9	29.9	5.6		48		1.0		0	0	16	1	2	0	0	0	10
	0300		871.8	+1.7	1522.8	50.2	39.5	27.2	4.0	—2.1	32	—29	1.0	—2.1	0	0	17	3	3	0	0	0	4
	1200		869.8		1509.6	66.2	48.2	21.2	4.3		19		1.2		3	0	0	0	3	10	7	6	0
KALAT (NORTH)																							
Kalat (R)	0000	6616																					
	0300																						
	1200																						
Nushki	0000	3416	905.5		1562.2	51.9	43.3	31.5	6.1		46		1.5		0	3	19	0	0	0	0	3	4
	0300		906.2		1573.9	56.0	46.2	34.7	6.8		44		1.8		0	9	12	0	0	1	0	4	3
	1200		903.8		1566.3	71.6	55.7	43.3	8.8		33		1.6		0	2	1	0	0	5	4	15	4
Dalbandin	0000	2785	920.3		1497.2	46.9	40.9	32.5	6.3		57		1.2		2	6	5	0	0	0	0	4	12
	0300		921.5	+2.3	1506.6	45.6	40.1	32.2	6.3	—1.0	60	—6	2.1	—0.5	3	6	2	3	0	0	0	0	15
	1200		918.9		1519.5	74.4	55.3	34.8	7.2		25		2.4		0	7	6	1	2	5	0	1	7
KALAT (SOUTH)																							
Panjgur	0000	3177	908.3		1508.2	46.1	39.9	29.9	5.9		55		1.5		2	24	0	0	0	0	0	0	3
	0300		909.2	+3.2	1517.1	47.6	38.6	23.2	4.4	—3.4	39	—33	1.1	—1.0	0	26	0	0	0	0	0	0	3
	1200		906.5		1521.3	69.1	53.2	34.0	7.4		30		2.0		9	0	0	0	0	15	0	2	3

(R) Returns not received.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF FEBRUARY, 1960.

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.	Fog.	Haze (dust).	Dust Storm.
																	Visibility Code Figure 93 or less				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
CHITTAGONG DIVISION																					
Rangamati	87.3		93	18,19,20	55		48	1	00.0		0.00	0	0		x		1	0	28	0	0
Cox's Bazar (P. T.)	80	—2.1	93	19	60	+0.5	55	1,2	00.0	—0.47	0.00	0	0	—0.9	3.0	+1.0	0	0	2	0	0
Chittagong (Patenga)	84.1		90	22	61.1		55	1,12	0.00		0.00	0	0		x		1	0	6	0	0
Chittagong (P.T.)	85.8	+3.5	93	19	60.9	+2.2	54	1	0.00	—1.10	0.00	0	0	—1.3	3.3	—1.1	1	0	0	0	0
Maijdi Court	86.2	+5.1	91	19,20	60.6	—1.3	50	5	0.30	—0.67	0.30	29	1	—0.7	x		0	0	9	0	0
Comilla	87.9	+5.7	93	19	59.8	+2.3	52	1	0.00	—1.22	0.00	0	0	—1.9	x		2	0	10	0	0
Brahmanbaria	87.1	+4.4	92	19	60.2	+4.7	53	1,5	0.06	—0.97	0.06	28	0	—1.9	1.8		1	0	0	0	0
Srimangal	87.8	+5.1	93	19	51.4	—0.5	42	2	00.0	—1.50	0.07	29	0	—2.7	x		1	0	0	0	0
Sylhet (P B.O.)	86.1		90	9,26	58.9		54	1,5	00.0		0.00	0	0		x		1	0	0	0	0
DACCA DIVISION																					
Mymensingh	87.3	+7.7	91	4 days	59.4	+2.7	54	1,7	00.0	—0.86	0.00	0	0	—1.7	1.2	+0.2	0	0	0	0	0
Narayanganj	88.5	+6.8	94	18,22	62.3	+3.3	54	5	00.0	—1.24	0.00	0	0	—1.9	1.8	+0.2	0	0	10	0	0
Dacca (Tejgaon)	87.8		94	29	58.2		51	1,5	00.0		0.00	0	0		3.1		0	0	5	0	0
Faridpur	86.7	+6.6	92	4 days	57.8	+1.6	49	5	00.0	—1.19	0.00	0	0	—2.1	1.8	—0.1	0	0	0	0	0
Barisal	86.2	+4.3	91	5 days	62.0	+1.9	53	5	00.0	—0.94	0.00	0	0	—1.8	x		0	0	18		
RAJSHAHI DIVISION																					
Khulna	88.7	+5.7	94	17,18	62.6	+2.8	53	5,6	00.0	—0.93	0.00	0	0	—2.2	x		1	0	5	0	0
Satkhira	88.2	+3.7	94	18,19	60.9	+2.6	49	5	00.0	—1.03	0.00	0	0	—1.8	0.1	—1.2	0	0	6	0	0
Jessore (P.T.)	87.9	+6.1	94	18,19	57.3	+1.8	44	5	00.0	—1.30	0.00	0	0	—2.0	2.4	+1.1	0	0	7	0	0
Pabna	87.7	+4.7	93	4 days	57.7	+1.9	49	5	00.0	—0.96	0.00	0	0	—1.9	x		0	0	2	0	0
Sirajganj	87.5		93	29	57.5		51	4	00.0	—0.74	0.00	0	0	—1.7	1.4		0	0	1	0	0
Rajshahi									00.0	—0.69	0.00	0	0	—1.7							
Bogra (P.B.O.)	86.6	+6.3	93	19	57.4	+2.5	52	1	00.0	—0.79	0.00	0	0	—1.6	1.4	+0.3	0	0	2	0	0
Dinajpur	86.9	+7.6	90	6 days	56.1	+2.8	46	4	00.0	—0.61	0.00	0	0	—1.3	0.1	—1.6	0	0	0	0	0
Rangpur	84.6		88	4 days	56.1		50	4	00.0	—0.70	0.00	0	0	—1.3	1.5		0	0	0	0	0

(x) Data not available.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF FEBRUARY, 1960.

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
KASHMIR																					
Jammu (x)																					
LAHORE																					
Lahore P.B.O.	79.1	+7.0	88	27	49.8	+5.3	42	5	0.00	—0.97	0.00	—	0	—2.1	1.3	—0.2	0	0	1	0	0
,, Cantt.	78.9	—	87	26	49.6	—	42	4	0.00	—	0.00	—	0	—	2.6	—	0	0	1	0	0
,, (Walton)	80.0	—	89	27	48.1	—	39	4	0.00	—	0.00	—	0	—	3.0	—	0	0	0	0	0
Sialkot	78.4	+9.0	86	28	51.0	+5.5	42	3	0.00	—1.67	0.00	—	0	—3.0	1.2	0.0	0	0	0	0	0
RAWALPINDI																					
Jhelum	79.4	—	88	27	48.1	—	41	3,4,5	0.02	—	0.02	2	0	—	1.8	—	0	0	0	0	0
Chaklala	74.8	—	81	26,27	44.9	—	37	3,4	0.00	—	0.00	—	0	—	4.0	—	1	0	0	0	1
Rawalpindi	74.2	+9.0	83	26	46.4	+4.7	39	4,5	0.01	—2.47	0.01	1	0	—4.4	2.8	+1.0	1	0	0	0	0
Khushab	81.6	+10.3	90	28	47.9	+1.9	38	4	0.00	—0.92	0.00	—	0	—2.1	2.4	—0.3	0	0	0	0	0
Sargodha	79.5	—	89	28	49.0 (c)	—	41	3,4,5	0.48	-	0.48	16	1	—	1.2	—	1	0	0	0	0
MULTAN																					
Lyallpur	80.1	+8.8	87	27,28,29	48.8	+3.7	39	3,4	0.00	—0.57	0.00	—	0	—1.6	1.9	+0.2	0	0	0	0	0
Montgomery	80.8	+8.3	90	26	49.8	+3.4	41	3	0.00	—0.50	0.00	—	0	—1.5	1.1	—1.3	0	0	0	0	0
Multan (P.B.O.)	81.8	—	91	27	47.3	—	36	3,4	0.00	—	0.00	—	0	—	1.7		0	0	0	0	0
,, (Surface)	82.2	+9.4	93	27	52.4	+5.6	42	3	0.00	—0.38	0.00	—	0	—1.3	1.2	—0.1	0	0	1	3	0
BAHAWALPUR																					
Leiah (x)																					
Khanpur (x)																					
,, (P.B.O.)	83.7	—	93	28	47.6	—	37	3	0.00	—	0.00	—	0	—	2.4 (f)	—	0	0	0	0	0
Bahawalpur	83.9	+8.3	93	26,27	51.1	+4.2	39	3	0.00	—0.26	0.00	—	0	—0.8	1.7	—0.5	0	0	0	0	0
Fort Abbas	84.6	—	94	26,27,29	47.3	—	36	3	0.00	—	0.00	—	0	—	2.0	—	0	0	0	0	0
PESHAWAR																					
Chakdara	69.0		78	29	43.2	—	36	3	0.20	—	0.20	1	1	—	*	—	0	0	0	0	0
Peshawar	74.5	+8.3	82	29	47.8	+3.8	41	3	0.21	—1.32	0.17	16	1	—2.3	2.1	+0.5	1	1	0	0	0
Risalpur	76.1	—	85	27	43.0	—	33	4	0.28	—	0.24	16	1	—	3.0	—	1	0	1	0	0
Haripur	75.1	—	83	29	44.9	—	37	2	2.09	—	0.09	16	0	—	5.2	—	0	0	0	0	0
Campbellpur																					
D. I. KHAN																					
Kohat	76.4	—	83	25,28,29	53.8	—	45	2	0.04	—	0.03	16	0	—	4.0	—	2	0	0	0	0
Bannu	76.2	+7.6	82	25,27,29	50.4	+5.2	38	3	0.14	—1.04	0.14	15	1	—2.1	1.6	—	0	0	0	0	0
D. I. Khan	80.7	+9.1	88	29	49.1	+4.2	38	3,4	0.16	—0.51	0.11	15	1	0.7	0.7	—0.5	0	0	0	0	0
Mianwali	78.5	—	86	28	48.4	—	38	3	0.00	—	0.00	—	0	—	(x)	—	0	0	0	0	0
AFGHANISTAN																					
Jalalabad (x)																					

(x) Data not available. (c) Mean for 28 days. (f) Mean for 25 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF FEBRUARY, 1960.

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
QUETTA																					
Sibi	85.2	+9.5	96	29	51.0	+1.3	41	6	0.02	—0.85	0.02	15	0	—1.7	1.3	—1.1	0	0	0	0	0
KALAT (NORTH)																					
Nokkundi	78.7	+6.0	90	29	49.5	+2.5	37	2,3,4	0.00	—0.40	0.00		0	—1.1	x		0	0	0	0	0
KALAT (SOUTH)																					
Turbat	88.7		98	29	x				0.00		0.00		0		x		0	0	0	0	0
Jiwani	87.9		84	16,18	60.8		48	3	0.00		0.00		0		5.0		0	0	1	0	0
Pasni	80.2	+3.1	89	4 days	56.1	—0.5	47	4	0.00	—1.41	0.00		0	—2.0	5.1	0.0	0	0	0	0	0
Ormara	81.8	+6.0	90	4	58.1	—2.1	48	3	0.00	—2.19	0.00		0	—3.3	4.9	—0.6	0	0	0	0	0
Lasbela																					
FEDERAL CAPITAL AREA																					
Karachi (Manora)	82.7	+5.8	89	29	65.3	+4.3	55	8	0.00	—0.44	0.00		0	—1.0	8.0		0	0	1	0	0
Karachi (Mauripur)	84.0		90	29	56.7		48	3	0.00		0.00		0		3.5		0	0	8	0	0
Karachi (City)	85.9		92	10	56.2		44	3	0.00		0.00		0		2.8		0	0	6	0	0
Karachi (P.A.F.)																					
Karachi (Airport)	86.8		95	29	54.2		45	3	0.00		0.00		0		3.2		0	0	8	0	0
HYDERABAD																					
Badin	91.2	+8.8	100	29	54.3	—0.2	47	5	0.00	—0.38	0.00		0	—0.9	x		0	0	0	0	0
Nagarparkar (R)																					
Umarkot	89.8		96	15,29	52.1		43	3,4	0.00		0.00		0		2.6		0	0	5	0	0
Chhor	90.8		97	29	47.8		36	4	0.00		0.00		0		1.0		0	0	3	0	0
Hyderabad	89.2	+8.0	101	29	57.2	+2.7	45	3	0.00	—0.24	0.00		0	—0.6	2.3		0	0	4	0	0
KHAIRPUR																					
Padidan	84.6		97	29	47.4		35	3	0.00		0.00		0		3.2		0	0	0	0	0
Nawabshah	86.2		98	29	48.6		36	3	0.00		0.00		0		1.8		0	0	0	0	0
Sukkur	85.8	+7.1	94	4 days	52.9	+0.9	43	4	(c) 0.00		0.00		0		(c) 2.2	—0.4	0	0	0	0	0
Kashmore	84.2		95	29	48.1		37	3,4	0.00		0.00		0		3.8		0	0	0	0	0
Jacobabad	85.2	+8.1	95	29	52.7	+2.2	43	3,4	0.00	—0.33	0.00		0	—0.9	2.9	—0.3	0	0	0	0	0
JUNAGADH																					
Veraval (x)	(i) 89.7				(e) 59.5				x		x		x						x		
ARABIA																					
Muscat (x)																					
HILL STATIONS																					
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gusez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					

(x) Data not available. (i) Mean for 19 days. (e) Mean for 26 days. (c) Mean for 28 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF FEBRUARY, 1960

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 Figures 93 or less: Fog.	Visibility Code Figures 93 or less: Haze (dust).	Visibility Code Figures 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
KASHMIR—*(continued)*																					
Misgar	41.3	—	50	29	19.4	—	6	3	0.08	—	0.02	1,15,23	0	—	4.3	—	0	0	0	0	0
Aliabad (x)																					
Gilgit (Surface) (x)																					
RAWALPINDI																					
Murree	53.6	+6.9	60	5,7	40.2	+9.1	28	2	0.29	—4.02	0.19	16	1	—5.4	5.3	0.0	2	0	0	0	0
PESHAWAR																					
Drosh	57.6	+8.6	70	26,27	39.1	+5.5	31	2	2.46	+0.91	0.59	1	8	+4.3	4.2	+1.7	1	0	0	0	0
Cherat	63.4	+11.5	72	26,29	48.7	+8.0	36	1,2,3	0.28	—2.93	0.19	14	1	—3.7	(c) 3.5	—4.7	1	0	0	0	0
Kakul	66.9	—	73	26	46.4	—	38	3	0.28	—	0.15	1	1	—	(x)	—	1	0	2	0	0
Balakot																					
Landikotal	64.3	—	74	29	41.6	—	35	19	0.38	—	0.13	14,15	3	—	1.9	—	2	0	1	0	0
D. I. KHAN																					
Parachinar	62.9	+11.1	71	29	36.5	+5.2	28	2	5.35	+3.22	1.90	14	7	+1.6	2.7	+0.7	0	0	0	0	0
Miranshah	71.6	+10.5	81	25	43.2	+1.7	34	1	0.44	—1.12	0.18	14	3	—1.1	2.5	—1.0	0	0	0	0	0
Wana	66.3	+8.2	75	23,27,29	37.1	+4.6	28	3	0.91	—0.57	0.49	15	4	+0.4	2.5	—	1	1	0	0	0
QUETTA																					
Fort Sandeman	69.9	+10 6	78	27	44.1	+8.7	34	2	0.24	+0.84	0.16	15	1	—2.3	x		0	0	0	0	0
Hindubagh	64.9		75	6	34.7		23	2	0.63		0.53	1	1		5.4		0	0	0	0	0
Loralai	69.3		77	8	38.2		30	2	0.11	—0.96	0.11	16	1	—1.6	3.5		0	0	0	0	0
Harnai									0.00	—1.33	0.00		0	—2.4	(x)		0	0	0	0	0
Samungiyi	63.6		72	27,28	32.2		22	3	0.42		0.22	1	2		4.2		1	0	0	0	0
Quetta	(c) 67.3		74	4 days	34.2		25	3,4,17	0.48		0.29	15	2		(c) 1.6	—1.0	0	0	0	0	0
Chaman	68.5	—11.2	75	5 days	44.1	+6.0	30	16	0.58	—1.14	0.36	1	3	—1.4	(x)		0	0	0	0	0
KALAT (NORTH)																					
Kalat (R)																					
Nushki	72.9		86	29	50.7		37	2	0.06		0.03	2,15	0		x		0	0	0	0	0
Dalbandin	74.8	+7.3	87	26	43.9	+4.3	31	3,4	0.21	—0.75	0.21	1	1	—1.2	2.2	—1.3	0	0	0	0	0
KALAT (SOUTH)																					
Panjgur	73.5	+5.5	83	27,28	44.3	+1.8	33	1	0.18	—0.78	0.11	15	1	—0.9	(x)		0	0	0	0	0
AFGHANISTAN																					
Kabul (x)																					
Kandahar	69.7	—	80	26	38.3	—	28	3	0.28	—	0.11	1	1	—	1.1	—	1	0	0	0	0

(x) Data not available. (R) Register not received. (c) Mean for 28 days.

Pakistan Meteorological Service.

Regd. No. S-1452.

PAKISTAN WEATHER REVIEW 1960

Monthly Weather Report

March

F. S. S. A
U. S. Dept. of Commerce

PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN

Chief Features.—(1) Twelve western disturbances affected west Pakistan during the month, causing rainfall in large excess over the entire region.

(2) Cold wave over West Pakistan between the 21st and 23rd.

(3) Pronounced rainfall activity in East Pakistan only during the first week and again on the 12th.

West Pakistan.—In association with passage of four western disturbances across the north of the region three of which were associated with the secondaries, fairly widespread thunderstorms or showers occurred in Peshawar, Rawalpindi and Lahore divisions and scattered in D.I. Khan divisions between the 3rd and the 8th. Thereafter, spell of wet weather was experienced practically over the whole of West Pakistan during the next eight days and in Kalat, Quetta and the northern divisions between the 19th and the 23rd under the influence of eight western disturbances. A few falls of snow were reported from the hills of the affected region and a few heavy falls from Quetta and D.I. Khan divisions between the 20th and 23rd. The spell was followed by a cold wave which swept across the whole of West Pakistan between the 21st and the 23rd. Rains in the Federal Capital Area were a accompanied by squally weather. Heavy snowfall at Quetta caused some deaths as reported by newspapers. Temperatures as low as 16°F were recorded at Kalat (hill station) on the 22nd.

During the rest of the month, the weather was dry except between the 26th and 28th when fairly widespread rain or thundershowers occurred in Kalat, Quetta, D.I. Khan, Peshawar and Rawalpindi divisions and scattered in Multan divisions in association with the passage of two western disturbances across the northern parts and again on the 29th and 30th when a feeble western dsturbance moving across the north of the region caused a few thunderstorms in Peshawar divisions.

Outstanding rainfall amounts were :—Bannu 2", on the 13th, Parachinar 2" on the 20th, and 21st, Chaman 3" on the 21st, Parachinar 9" on the 22nd and 3" on the 27th and Drosh 2" on the 27th. The total rainfall during the month was in large excess over the entire region. The mean maximum temperature was below normal and mean minimum temperature was normal in the region except in the Federal Capital Area where these were above normal.

The mean relative humidity was in excess over the region outside Lahore, Quetta, Kalat, Khairpur Divisions and over the Federal Capital Area where it was normal. Cloudiness was normal over Multan, Quetta, and D.I. Khan Divisions & in excess elsewhere.

East Pakistan.—The low pressure wave over West Bengal at the end of the previous month move away across the region by the 4th and was closely followed by two western disturbances which moved away by the 9th. Under their influence, fairly widespread rain or thundershowers with a few moderate to heavy falls occurred over the whole province on the 1st & 2nd, in Rajshahi division between the 6th and the 8th and scattered to local elsewhere on other days between the 1st and 9th. On the 12th a western disturbance moved eastwards across sub-montane districts of West Bengal and caused squally weather and fairly widespread rainfall in the province. Acoording to newspaper reports (considerable loss of life occurred) when 20 boats which were caught in rough weather capsized in the Bay of Bengal off Cox's Bazar on the 12th.

A low pressure wave from the West and a secondary western disturbance affected the weather again on the 17th and caused a few thunderstorms in Chittagong division on the 17th and fairly widespread rain in Rajshahi division and scattered elsewhere over the region on the 23rd.

Principal amounts of rainfall were :—Brahmanbaria 2" on the 1st and Satkhira 3" and Sirajganj 2" on the 7th. The total rainfall during the month was in slight defect over the region except in Rajshahi Division where it was in moderate excess. Averaged over the region as a whole it was normal.

The mean maximum and mean minimum temperatures were normal over the region except in Rajshahi Division where the mean maximum temperature was below normal. The mean relative humidity and mean cloud amount, were in defect in Dacca Division and normal elsewhere.

Table I contains the Divisional mean of rainfall temperature, humidity and cloud amount for the 15 political divisions of Pakistan. These means are based on the observation at the stations whose monthly means are given in the subsequent tables.

M06.1/547
P152 pa
1960-61
missing
Jan, Feb, May
Nov. + Dec. 60
Jan, Feb, May - Dec.
139215

TABLE I—DIVISIONAL MEANS FOR MARCH, 1960.

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.									
Chittagong	2·25	2·63	—0·38	—14	—0·9	—1·4	—2·5	—5	—0·4
Dacca	1·73	2·09	—0·36	—17	—1·1	—1·5	—2·7	—7	—0·9
Rajshahi	1·94	1·32	+0·62	+47	—3·0	—0·3	—1·1	—2	—0·3
MEAN	1·98	1·95	+0·03	+2	—1·8	—1·0	—2·0	—4	—0·5
WEST PAKISTAN.									
Kashmir*									
Lahore	2·07	1·15	+0·92	+80	—3·1	+1·9	+0·7	+5	+1·1
Rawalpindi	4·56	2·84	+1·72	+61	—5·1	—1·0	+1·3	+19	+0·9
Multan	1·63	0·46	+1·17	+254	—3·9	0·0	0·0	+8	+0·3
Bahawalpur	1·31	0·40	+0·91	+227	—2·3	+1·4	+0·8	+6	+1·5
Peshawar	6·33	3·49	+2·84	+81	—2·5	—1·9	+1·1	+13	+1·4
D. I. Khan	5·79	2·27	+3·52	+155	—4·2	—1·1	+1·4	+14	+0·2
Quetta	2·74	1·18	+1·56	+132	—2·8	—1·0	+0·2	+1	0
Kalat	1·38	0·37	+1·01	+273	—3·0	—1·7	—1·5	—5	+0·5
Federal Capital Area	1·09	0·29	+0·80	+276	+2·3	+2·1	+3·5	+5	+0·5
Hyderabad	1·05	0·17	+0·88	+518	—2·5	—0·8	+0·9	+11	+0·5
Khairpur	0·71	0·23	+0·48	+209	—3·7	—1·8	—1·1	+3	+1·1
MEAN	2·34	0·96	+1·38	+144	—3·0	—0·9	—0·1	+4	+0·7
Junagadh *									

* Data incomplete.

GOVERNMENT OF PAKISTAN
PAKISTAN METEOROLOGICAL DEPARTMENT

ERRATA TO MONTHLY WEATHER REPORT, FOR MARCH 1960.

S.No.	Page.	Station.	Col No.	Hours.	REMARKS.	
					For	Read.
1.	1	Text(Line 15)	-	-	'Dosturbance' between 'Western and 'moving'	'Disturbance' between 'western' and moving
2.	1	Text(Line 23)	-	-	'Lone' between month and 'away'	'Moved' between month and 'away'.
3.	9	Veraval	4	1200	(b)	(1)
4.	9	-do-	5a	1200	(b)	(1)
5.	9	-do-	13	1200	(b)	(1)
6.	9	-do-	15-23	1200	(b)	(1)
7.	9	Foot-note.	-	-	-	(b) Observation for 19 days.
8.	16	Veraval	6	4	(b)	(1)
9.	16	Foot-note	-	-	(b) Mean for 20 days.	(1) mean for 19 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1960.

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.	%	%	oktas	oktas									
CHITTAGONG																							
Rangamati	0000	208	1004·9		1012·3	62·5	61·4	60·4	18·1		94		5·0		4	0	3	0	13	0	3	3	5
	0300		1006·4		1013·7	73·9	66·6	61·9	18·9		65		1·9		4	1	2	0	16	2	3	2	1
	1200		1002·9		1010·1	82·7	68·3	58·6	17·1		45		2·4		5	0	0	1	7	8	7	2	1
Cox's Bazar (P.T.)	0300	38	1011·6	+0·2	1012·9	78·2	70·7	66·5	22·3	—2·4	67	—7	1·8	—0·4	7	4	5	4	3	2	2	4	0
	1200		1007·2		1008·4	79·5	72·2	67·7	23·6		68		2·0		1	1	0	0	1	4	15	9	0
Chittagong (Patenga)	0000	20	1010·3		1011·0	67·6	65·3	63·7	20·3		87		2·3		2	6	3	2	1	0	0	0	17
	0300		1012·3		1013·0	76·7	69·4	64·8	21·2		67		2·2		7	8	2	4	1	0	0	0	9
	1200		1008·8		1009·5	80·3	71·4	66·4	22·2		63		2·5		0	0	1	0	1	8	14	6	1
Chittagong (P.T.)	0300	46	1011·6	+0·2	1013·2	77·4	69·1	64·4	20·5	—3·0	64	—9	2·3	—0·2	5	8	5	2	1	1	0	2	7
	1200		1007·6		1009·1	80·6	70·4	64·9	20·8		58		2·3		2	1	0	0	2	11	11	2	2
Maijdee Court	0000	25	1010·4		1011·3	67·5	64·9	63·7	19·8		86		1·3		2	0	0	0	5	0	2	2	20
	0300		1012·2	+0·5	1013·1	76·9	69·7	64·9	21·5	—4·3	69	—7	1·8	—0·8	2	0	0	0	5	1 (a)	1	1	20
	1200		1008·3		1009·2	81·2	70·0	62·9	20·0		55		2·2		3	0	2	2	6	0	1	3	14
Comilla	0000	29	1009·8		1010·9	65·9	64·7	64·0	20·4		93		2·7		0	0	0	0	2	0	1	0	28
	0300		1011·9	−0·5	1012·9	75·3	69·2	65·4	21·7	—3·0	72	0	2·1	—0·8	0	0	0	0	6	0	0	0	25
	1200		1007·8		1008·8	83·1	73·2	68·3	23·4		60		2·3		0	0	0	0	2	1	0	0	28
Brahman Baria	0000	32	1009·6		1010·7	66·6	65·0	63·8	20·4		92		3·3		0	1	0	1	2	0	1	0	26
	0300		1012·0		1013·1	76·2	69·1	64·8	21·2	+0·1	69	+2	2·2		1	1	0	5	3	6	1	2	12
	1200		1008·0		1009·1	81·9	70·2	63·0	19·9		54		2·0		0	0	1	0	2	0	0	0	28
Srimangal	0000	69	1008·5		1011·0	60·4	59·2	58·3	16·6		93		2·7		0	0	0	0	0	0	0	0	31
	0300		1010·5	+0·2	1013·0	73·9	66·0	60·5	18·2	—2·6	63	—11	2·6	+0·2	0	0	0	1	2	4	1	0	23
	1200		1006·6		1009·0	80·6	68·0	59·8	17·7		50		2·6		0	0	0	0	0	1	0	1	29
Sylhet (P.B.O)	0000	115	1006·6		1010·7	63·4	61·0	59·2	17·2		86		2·5		0	1	18	0	0	0	1	0	11
	0300		1008·8		1012·8	73·3	63·2	61·6	15·3		55		3·2		0	1	24	1	0	0	0	0	5
	1200		1004·8		1008·7	78·5	67·6	60·3	18·1		54		3·2		0	1	1	2	0	1	12	2	12
DACCA																							
Mymensingh	0000	62	1009·1		1011·3	65·4	62·6	60·5	18·1		84		2·3		0	0	0	2	0	0	7	0	22
	0300		1011·1	+0·7	1013·3	72·9	66·4	62·0	19·3	—0·7	69	—2	1·7	—1·7	0	0	0	20	1	0	4	0	6
	1200		1006·9		1009·0	83·2	69·4	60·9	18·3		46		2·1		0	0	1	5	0	0	10	0	15
Narayanganj	0000	26	1009·7		1010·6	67·2	64·7	63·0	19·7		87		1·9		1	1	3	0	2	2	1	0	21
	0300		1011·9	+0·4	1012·8	76·3	67·4	61·3	18·8	—3·6	60	—11	2·3	—1·0	1	2	3	3	3	3	9	1	6
	1200		1007·8		1008·7	83·6	68·7	59·2	17·1		44		0·3		1	1	3	3	4	0	3	2	14

(a) Observation for 30 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1960.

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 C.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	oktas									
DACCA —Contd.																							
Dacca (Tejgaon)	0000	27	1009·1		1010·1	65·0	63·0	61·5	18·8		89		3·0		2	0	2	2	2	5	6	0	12
	0300		1011·4		1012·3	76·3	67·3	61·2	18·7		60		2·3		2	1	1	4	0	5	4	5	9
	1200		1007·3		1008·2	83·2	67·7	57·0	16·2		41		3·1		6	1	0	4	0	2	6	6	6
Faridpur	0000	46	1009·1		1010·7	66·9	62·4	61·1	17·3		77		2·5		7	4	1	4	4	0	0	2	9
	0300		1011·0	+0·7	1012·6	76·5	67·7	62·1	19·1	—2·9	61	—5	2·2	0	5	2	1	1	3	2	7	3	7
	1200		1007·0		1008·6	83·9	69·9	61·5	18·7		47		2·7		3	1	0	1	1	1	1	2	21
Barisal	0000	11	1010·7		1011·1	68·7	66·4	64·9	21·1		87		1·5		*								
	0300		1012·5	+0·6	1012·9	78·1	70·1	65·2	21·5	—3·6	65	—11	2·1	—0·7	*								
	1200		1008·9		1009·3	83·8	75·1	70·3	25·8		66		2·1		*								
RAJSHAHI																							
Khulna	0000	16	1010·5		1011·0	68·7	66·5	65·0	21·4		90		2·0		0	0	0	0	0	0	0	1	30
	0300		1012·7	—0·9	1013·3	77·9	69·9	65·0	21·4	—1·3	65	—1	1·4	—1·5	0	0	0	4	1	3	0	0	23
	1200		1008·6		1009·2	84·0	70·7	61·8	19·6		48		2·1		0	0	0	0	1	0	0	0	30
Satkhira	0000	16	1009·9		1010·5	67·9	66·2	64·9	21·2		92		2·2		0	0	0	0	0	1	0	0	30
	0300		1012·5	+1·1	1013·1	77·6	69·4	63·8	20·8	—2·1	65	—3	2·1	+0·2	1	0	0	0	0	4	0	0	26
	1200		1008·5		1009·1	83·8	70·8	62·9	19·8		50		2·7		0	0	0	0	0	1	0	0	30
Jessore (P.T)	0000	26	1009·6		1010·5	65·3	63·8	62·6	19·5		92		3·1		1	1	1	3	6	2	0	2	15
	0300		1012·0	+0·7	1012·9	75·6	69·2	65·3	21·5	—0·7	71	+2	2·0	—0·5	1	3	2	4	7	5	6	3	0
	1200		1008·5		1009·4	85·6	71·4	62·8	19·8		48		2·6		6	0	0	1	13	2	9	0	0
Pabna	0000	48	1008·7		1010·4	64·2	62·1	60·7	18·1		90		2·9		2	2	1	3	3	1	0	3	16
	0300		1010·8		1012·5	76·1	67·8	62·8	19·5	—1·3	63	—3	2·2		1	3	1	(a) 6	3	9	2	5	0
	1200		1006·4		1008·1	83·7	69·7	61·2	18·5		47		3·1		2	3	2	1	1	4	8	4	6
Serajganj	0000	51	1008·7		1010·6	64·5	62·3	60·7	18·3		89		2·0		0	0	2	0	0	1	0	0	28
	0300		1010·3		1012·1	74·9	66·6	60·7	18·6		62		2·3		0	2	3	1	2	6	0	4	13
	1200		1006·3		1008·0	81·8	70·5	63·4	20·3		54		2·0		0	0	0	1	0	0	0	3	27
Rajshahi	0300												2·5										
Bogra (P.B.O)	0000	65	1007·9		1010·3	64·3	61·1	58·6	17·0		88		3·0		0	4	2	1	0	3	1	0	20
	0300		1010·1	+0·6	1012·4	74·8	65·1	58·2	16·8	—1·3	58	—5	2·6	+0·6	1	6	6	1	1	8	5	1	2
	1200		1006·2		1008·4	82·1	66·5	54·9	18·2		41		2·5		2	1	2	1	0	1	14	4	6
Dinajpur	0000	123	1005·7		1010·1	63·1	59·6	57·0	15·9		80		1·8		0	0	3	0	0	0	2	0	26
	0300		1008·0	+0·7	1012·3	75·0	64·7	57·3	16·2	+0·3	55	—4	1·5	—0·2	0	1	5	1	0	0	5	0	19
	1200		1003·8		1008·1	83·0	68·5	58·2	17·2		45		1·6		1	0	1	1	0	1	7	0	20
Rangpur	0000	113	1006·6		1010·4	62·5	60·0	58·0	16·5		86		2·5		3	1	4	1	2	2	3	1	14
	0300		1008·8		1012·8	71·6	64·6	59·8	17·7		67		2·1		3	12	5	0	0	2	7	1	1
	1200		1004·7		1008·6	80·4	67·8	59·8	17·5		49		2·5		3	2	0	0	1	0	9	2	14

(*) Data rejected. (a) Observation for 30 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1960.

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 Geopotential of 850/700 Mbs. pressure level in GPM.	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																							
Jammu (x)	0300	1200																					
	1200																						
LAHORE																							
Lahore (P.B.O.)	0000	702	986·4		1011·7	56·9	54·0	51·3	13·0		82		2·9		0	2	2	2	0	0	0	0	25
	0300		987·9	+0·4	1013·0	61·6	56·0	50·9	12·8	+1·3	68	+9	3·9	+1·2	2	3	3	4	0	1	0	4	14
	1200		985·7		1010·0	75·7	61·1	47·9	11·8		39		3·5		2	4	1	4	2	2	4	5	7
Lahore (Cantt.)	0000	709	985·8		1011·0	56·3	53·7	51·1	12·9		83		2·6		4	4	2	4	0	0	4	3	10
	0300		987·4	—	1012·5	61·0	56·6	52·6	13·7	—	75	—	3·6	—	4	7	4	3	2	1	1	6	3
	1200		985·1		1009·4	75·7	61·5	49·1	12·3		40		3·5		1	5	5	4	3	4	1	6	2
Lahore (Walton)	(x) 0000	699	—		—	—	—	—	—		—		—										
	0300		987·9	—	1012·9	61·0	56·4	52·6	13·5	—	74	—	3·5		6	4	4	3	2	0	0	6	6
	1200		985·5		1009·7	76·3	62·4	50·9	13·0		41		3·3		4	3	3	5	2	0	4	10	0
Sialkot	0000	830	(a) 982·2		(a) 1011·7	(a) 57·9	(a) 54·8	(a) 51·5	13·3		81		1·7		0	3	0	0	0	0	0	0	(a) 27
	0300		983·2	−0·1	1012·7	61·7	55·9	50·9	12·6	+0·1	67	0·0	3·3	+1·1	0	8	0	0	0	0	0	0	23
	1200		981·1		1009·8	73·2	60·7	50·2	12·5		45		3·9		0	3	0	1	0	0	0	4	23
RAWALPINDI																							
Jhelum	0000	765	984·1		1011·6	55·9	52·1	48·3	11·6		76		3·3		3	3	0	0	1	1	1	4	18
	0300		985·7	—	1013·1	58·7	53·8	49·1	11·9	—	71	—	4·1	—	2	7	1	0	1	1	2	8	9
	1200		983·5		1010·0	73·7	58·8	44·4	10·2		36		3·9		3	2	0	4	2	5	3	10	2
Chaklala	0000	1667	953·9		1013·2	52·3	50·0	47·7	11·4		85		4·3		2	2	4	1	0	0	3	5	14
	0300		955·2	—	1014·3	54·4	51·3	48·3	11·6	—	80	—	4·8	—	1	9	3	1	1	0	2	2	12
	1200		953·8		1011·2	68·3	56·9	47·2	11·2		47		5·1		1	2	4	1	1	7	9	3	3
Rawalpindi	0000	1675	953·4		1013·0	53·2	50·6	48·2	11·5		84		2·5		4	3	0	4	0	0	5	4	11
	0300		954·9	+0·1	1014·1	55·6	52·3	48·8	12·1	+1·4	79	+20	4·7	+1·7	4	2	5	0	1	2	5	0	12
	1200		953·5		1011·3	68·1	57·7	49·1	12·1		51		4·7		0	3	3	2	2	3	8	4	6
Khushab	0000	616	990·6		1012·8	56·3	53·9	51·4	13·0		84		1·7		0	0	5	0	0	0	1	0	25
	0300		991·0	−0·2	1013·1	59·4	55·2	51·4	12·9	+2·2	76	+20	1·6	−1·2	0	6	6	0	0	0	0	0	19
	1200		989·5		1010·9	75·4	61·0	48·0	11·9		40		3·0		1	1	9	0	0	3	1	0	16
Sargodha (P.A.F)	0000	617	989·4		1011·5	55·8	53·6	51·4	13·0		86		3·0		6	4	4	2	1	1	0	0	13
	0300		991·0	—	1012·9	59·3	55·8	52·8	13·6	—	79	—	4·0	—	4	6	3	4	1	1	0	1	11
	1200		989·0		1010·5	74·5	61·1	49·8	12·3		42		3·9		0	10	5	1	1	4	7	2	1

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

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1960.

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 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	oktas									
MULTAN																							
Lyallpur	0000	605	989·5		1011·4	56·5	53·5	50·6	12·7		81		1·9		0	9	0	0	0	0	1	3	18
	0300		991·5	+0·6	1013·2	57·6	53·6	50·5	12·3	+0·6	76	+13	3·1	0·0	0	8	4	1	1	1	1	2	13
	1200		989·4		1010·5	75·4	61·5	50·5	12·4		40		3·1		0	5	2	0	1	2	6	10	5
Montgomary	0000	558	990·2		1010·2	58·7	53·9	49·4	12·6		72		2·1		1	2	4	5	0	0	0	0	19
	0300		992·1	—0·4	1012·0	59·5	54·8	49·5	12·6	0·0	71	+4	1·7	—0·4	1	2	4	10	0	0	0	1	13
	1200		990·5		1009·7	77·1	61·4	47·5	11·3		37		1·6		0	4	4	10	0	0	3	1	9
Multan (P.B.O)	0000	404	996·3		1011·0	58·0	53·8	49·8	12·3		75		1·6		9	2	6	1	1	1	0	1	10
	0300		998·1	—	1012·7	61·6	55·4	49·4	12·2	—	65	—	3·2	—	8	8	2	1	0	2	0	1	9
	1200		995·7		1009·8	77·2	60·7	45·1	10·7		33		3·0		3	7	4	2	3	3	1	2	6
Multan	0300	413	997·6	—0·3	1012·3	61·7	56·0	50·6	12·7	—0·6	68	+6	3·4	+1·2	15	0	2	1	1	0	0	1	11
	1200		995·3		1009·6	77·7	62·5	49·7	12·5		39		3·4		7	0	7	0	3	0	1	1	12
BAHAWALPUR																							
Leiah (R)	0000	487																					
	0300																						
	1200																						
Khanpur (Surf) (R)	0300	297																					
	1200																						
Khanpur (P.B.O)	0000	290	999·7		1010·2	57·0	52·7	47·7	11·7		73		1·7		4	6	0	1	1	1	2	0	16
	0300		1001·8	—	1012·2	63·3	55·6	48·1	11·6	—	58	—	2·0		3	11	2	1	0	0	3	0	11
	1200		998·8		1008·8	81·5	61·0	40·3	9·1		24		2·7		5	6	1	0	0	5	3	5	6
Bahawalpur	0300	384	998·8	—0·1	1012·5	62·7	56·7	51·5	13·0	+0·8	67	+6	3·4	+1·5	3	6	7	3	1	1	0	0	10
	1200		996·4		1009·7	79·8	63·7	52·3	12·9		38		3·0		10	7	2	0	3	2	0	3	4
Fort Abbas	0000	475	*		*	(e) 56·8	(e) 54·0	(e) 52·7	13·0		83		0·3		12	6	1	0	2	3	0	5	2
	0300		995·3	—	1012·3	63·5	59·0	54·3	15·0	—	75	—	0·7	—	2	5	11	4	1	1	1	0	6
	1200		992·7		1008·9	81·9	*	*	*		*		1·3		8	4	1	1	1	4	4	1	7
PESHAWAR																							
Chakdara	0000	2197	934·5		1012·1	49·5	47·2	44·0	10·2		84		4·7		0	3	3	1	0	1	0	0	23
	0300		935·5	—	1013·2	50·1	48·3	46·6	10·8	—	88	—	4·9	—	0	2	0	6	0	2	0	0	21
	1200		934·2		1009·8	63·5	55·9	49·2	12·2		61		4·6		0	2	1	1	0	9	3	0	15
Peshawar	0000	1177	971·1		1013·4	52·6	50·8	48·9	11·9		88		4·4		4	2	0	0	4	3	0	2	16
	0300		972·7	—0·3	1014·8	55·4	52·5	49·5	12·2	+1·3	81	+12	4·9	+0·7	1	0	2	2	1	2	1	2	20
	1200		970·9		1012·0	66·9	56·7	46·6	11·1		49		5·8		3	3	1	3	2	2	0	3	12

(R) Register not received. (*) Data rejected. (e) Mean for 26 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1960.

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 Geopotential of 950/700 Mbs. pressure level in GPM.	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									
PESHAWAR—Contd.																							
Risalpur	0000	1009	976·9		1013·3	51·8	50·0	48·2	11·4		88		4·3		1	1	1	0	0	2	7	5	14
	0300		978·5	—	1014·8	54·7	52·5	50·2	12·5	—	85	—	4·9	—	2	3	1	0	0	2	14	3	6
	1200		975·9		1011·1	67·9	57·6	47·7	11·6		49		5·5		2	6	3	0	0	2	10	6	2
Haripur	0300	1757	951·4	—	1013·5	54·9	50·7	46·2	10·9	—	75	—	3·7	—	0	15	3	6	0	6	0	1	0
	1200		950·0		1010·2	68·6	58·1	49·6	12·3		52		4·0		0	6	4	4	0	17	0	0	0
Campbellpur (R)	0300	1175																					
	1200																						
D. I. KHAN																							
Kohat	0000	1667	954·8		1013·7	55·7	50·8	45·9	10·7		70		4·0		0	2	0	1	0	0	0	20	8
	0300		956·3	—	1015·2	56·8	51·2	46·3	10·6	—	68	—	4·7	—	1	2	0	0	0	1	1	14	12
	1200		954·7		1012·3	67·5	55·5	44·5	10·2		44		5·5		4	7	2	1	2	0	2	0	13
Bannu	0000	1263	966·9		1012·0	54·7	52·0	49·0	12·1		84		0·2		0	0	0	1	0	0	2	4	24
	0300		968·6	—	1013·6	57·0	52·9	48·5	11·9	+2·1	75	+20	3·5	+1·1	0	0	0	0	0	1	4	3	23
	1200		966·8		1010·7	69·2	60·1	51·9	13·6		56		4·6		0	2	5	5	2	2	2	2	11
D. I. Khan	0000	570	990·8		1011·2	57·1	53·3	49·7	12·3		78		1·3		1	2	2	0	0	0	1	3	22
	0300		992·5	—0·3	1013·1	58·9	54·0	49·1	12·1	0·0	70	+7	2·6	0·0	1	3	0	0	0	0	0	3	24
	1200		990·3		1010·0	76·0	62·4	52·2	13·1		43		2·7		1	5	1	2	0	2	0	4	16
Mianwali	0000	679	986·3		1010·8	54·6	52·6	50·7	12·6		87		2·1		2	0	1	0	0	0	1	0	27
	0300		988·6	—	1013·0	58·3	55·5	52·7	13·8	—	84	—	3·4		1	0	0	0	0	0	0	1	29
	1200		986·1		1009·8	71·7	62·4	54·4	15·0		57		4·0		1	3	0	1	0	0	0	0	26
QUETTA																							
Sibi	0000	441	995·1		1011·0	61·5	52·6	42·5	9·5		51		1·6		0	1	0	0	0	1	0	4	25
	0300		996·3	+0·9	1012·3	60·8	52·3	44·0	9·6	+1·4	53	+14	2·8	+1·0	0	2	0	1	0	0	0	4	24
	1200		994·3		1009·5	81·6	61·6	43·5	9·1		25		2·9		0	1	0	4	0	7	0	4	15
KALAT (North)																							
Nokkundi	0000	2229	934·3		1012·6	54·7	45·8	34·6	7·0		48		0·5		4	10	4	1	0	2	1	6	3
	0300		936·0	—	1014·1	55·3	45·8	33·6	6·7	—1·7	44	—2	1·5	—0·8	3	7	9	1	0	1	2	5	3
	1200		933·2		1008·2	75·4	57·2	40·4	8·6		28		1·4		3	2	3	3	2	6	4	6	2
KALAT (South)																							
Turbat	0000	510	993·4		1011·7	63·3	57·2	52·0	13·3		67		*		2	4	9	0	1	0	0	0	15
	0300		994·9	—	1013·1	65·0	57·2	50·4	12·5		59	—	*	—	0	2	13	1	0	0	0	0	15
	1200		991·7		1008·1	81·0	64·3	51·6	13·1		36		*		1	3	1	0	3	6	11	3	3
Jiwani	0000	185	1004·6		1011·2	67·0	62·2	58·4	16·9		75		2·0		3	4	1	6	2	1	4	6	4
	0300		1006·3	—	1012·8	68·0	62·0	57·3	16·3	—	70	—	2·4	—	4	9	2	5	2	0	3	4	2
	1200		1004·6		1011·0	76·7	65·6	57·1	16·5		53		2·5		0	0	2	6	7	10	6	0	0

(R) Register not received. * Data rejected.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1960.

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 Geopotential of 850/700 Mbs. pressure level in G.P.M.	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									
KALAT (South)—Contd																							
Panai	0000	28	1009·7		1010·7	65·5	61·6	58·3	17·0		79		2·1		5	3	1	1	1	0	5	8	7
	0300		1011·7	—0·3	1012·7	66·0	61·5	58·0	16·6	—0·9	76	—3	3·1	+1·7	3	4	4	0	0	1	3	5	11
	1200		1009·7		1010·7	78·5	70·2	65·1	21·5		65		2·6		2	0	0	5	7	15	1	1	0
Ormara	0000	15	1010·0		1010·5	66·8	64·1	62·3	19·2		86		2·7		2	0	2	3	0	0	7	2	15
	0300		1011·9	—	1012·3	68·2	64·1	61·3	18·6	—0·9	79	—4	3·2	+1·0	1	0	0	3	1	0	4	4	18
	1200		1009·8		1010·3	78·4	68·9	62·3	19·8		60		2·5		0	0	2	2	6	3	17	1	0
Lasbela (R)	0000	292																					
	0300																						
	1200																						
FEDERAL CAPITAL AREA.																							
Karachi (Manora)	0000	13	1010·4		1010·9	71·9	68·3	66·1	22·0		82		2·5		3	4	1	0	1	6	8	1	7
	0300		1011·8	—0·4	1012·3	73·6	69·6	67·4	22·9	+3·5	81	+5	2·5	+0·5	3	6	1	0	1	5	8	2	5
	1200		1009·8		1010·3	80·1	75·2	72·1	28·6		78		2·9		0	0	1	0	3	11	13	3	0
Karachi (Mauripur)	0000	52	1008·5		1010·3	66·3	62·6	59·5	17·7		80		1·4		0	1	0	0	0	1	6	5	18
	0300		1010·1	—	1011·9	67·1	62·4	58·0	17·1	—	76	—	2·5		2	5	1	0	1	1	5	3	13
	1200		1008·3		1010·1	79·2	66·2	56·2	16·1		47		2·7		0	1	0	2	2	8	13	5	0
Karachi (City)	0300	20	1010·8	—	1011·5	69·7	63·9	59·5	17·7	—	71	—	2·1	—	1	5	2	0	1	0	12	6	4
	1200		1008·8		1009·5	78·0	68·0	61·0	18·9		58		1·5		0	0	1	1	5	12	11	1	0
Karachi (P.A.F.) (S)	0000	38																					
	0300																						
	1200																						
Karachi (Airport)	0000	73	1008·1		1010·8	65·3	61·5	57·9	16·9		79		1·2		4	1	0	0	0	4	4	2	16
	0300		1009·8	—	1012·5	67·4	61·6	56·1	16·1	—	70	—	2·2	—	0	1	1	0	1	3	7	3	15
	1200		1007·5		1010·0	80·2	65·2	53·1	14·5		41		2·7		0	0	0	4	2	19	5	1	0
HYDERABAD																							
Badin	0000	31	*			*	*						0·0		1	0	0	0	0	27	0	3	0
	0300		*			66·2	62·2	59·1	17·3	+0·4	79	+13	1·2	0·0	0	0	0	0	0	29	0	2	0
	1200		*			87·3	67·3	53·1	13·8		31		0·9		0	0	0	0	3	25	2	0	1
Nagarparkar (R)	0000	178																					
	0300																						
	1200																						

(R) Data not received. (S) Observations suspended. (*) Data rejected.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1960.

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 M.S.L. temperature and M.S.L. 700 millibars pressure level in G.P.M.	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									
HYDERABAD—Contd																							
Umarkot	0000	55	1007·4		1009·4	62·3	58·2	53·6	14·8		76		0·6		1	2	2	1	11	4	0	0	10
	0300		1009·4		1011·4	65·5	60·6	55·7	15·9		74		2·8		4	1	1	2	11	5	0	4	3
	1200		1006·3		1008·2	87·8	67·4	51·4	13·7		30		3·4		1	1	1	1	2	11	4	9	1
Chhor	0000	19	1009·0		1009·7	60·1	55·5	50·7	13·0		73		1·5		0	0	0	0	0	4	1	0	26
	0300		1011·4		1012·1	66·5	59·1	51·0	13·8		62		2·2		1	1	0	0	1	9	1	0	18
	1200		1008·1		1008·7	87·1	63·6	43·9	9·5		22		3·1		0	2	0	0	3	11	9	1	5
Hyderabad	0000	98	1006·7		1010·2	64·4	59·2	54·5	14·8		72		1·7		2	2	1	0	3	12	0	0	11
	0300		1008·7	−0·1	1012·2	66·9	59·8	52·8	14·3	+1·3	64	+9	2·5	+1·1	7	2	0	0	3	11	0	1	7
	1200		1006·0		1009·4	85·6	64·9	47·0	11·7		28		3·1		4	2	0	1	4	8	2	2	8
KHAIRPUR																							
Pad Idan	0000	153	1004·3		1009·8	58·1	53·4	48·7	11·9		72		0·8		2	5	2	6	3	2	0	5	6
	0300		1006·5		1011·9	62·0	55·3	49·8	11·9		63		2·0		5	6	2	5	3	1	0	3	6
	1200		1003·9		1009·1	84·0	62·6	43·0	9·7		24		1·6		2	5	1	2	4	7	3	7	0
Nawabshah	0000	124	1005·7		1010·3	60·2	54·9	49·2	12·3		69		1·3		1	1	0	1	3	2	1	3	19
	0300		1008·0		1012·6	62·6	56·2	49·6	12·6		65		2·3		2	0	1	0	4	2	1	3	18
	1200		1005·4		1009·8	85·2	63·1	42·3	9·8		24		2·5		3	2	0	0	8	3	3	6	6
Sukkur	0300	221	1003·3	−0·9	1011·2	62·6	55·0	47·1	11·4	−0·5	59	+6	2·8	+1·5	4	5	1	6	6	2	1	3	3
	1200		1001·2		1008·8	82·1	62·9	46·4	10·9		29		2·6		4	3	2	2	2	7	6	3	2
Kashmore	0000	255	*			61·2	51·9	41·7	9·0		48		1·3		0	0	0	0	0	0	0	0	31
	0300		*			66·0	56·5	48·0	11·3		52		1·2		2	10	0	0	0	0	0	1	18
	1200		*			81·8	64·1	49·0	12·5		34		1·8		0	5	0	0	1	0	4	0	21
Jacobabad	0000	183	1003·5		1010·1	61·3	53·5	45·4	10·5		56		1·5		3	3	7	3	2	1	1	6	5
	0300		1005·6	+0·2	1012·2	62·8	54·4	46·3	10·7	−1·8	55	0	2·4	+0·6	3	1	6	7	0	0	0	10	4
	1200		1002·7		1009·0	82·8	62·9	45·9	10·7		27		2·3		2	1	2	7	4	2	3	7	3
JUNAGADH																							
Veraval	0300	26	(c) 1011·6		(c) 1012·6	(c) 71·0	(c) 66·5	(c) 63·7	20·2		78		(d) 0·0		(h) 3	5	5	0	0	0	0	2	8
	1200		(b) 1009·2		(b) 1010·2	(m) 79·0	(m) 72·5	(m) 68·9	24·3		72		(b) 0·0		0	(b) 1	1	0	2	1	4	8	2
AFGHANISTAN																							
Jalalabad (R)	0000	1950																					
	0300																						
	1200																						
ARABIA																							
Muscat	0300	20																					
	1200																						

(R) Register not received. (*) Data rejected. (c) Mean for 26 days. (b) Mean for 23 days. (m) Mean for 18 days. (o) Mean for 16 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1960.

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 Geopotential of 850/700 mbs. pressure level in GPM.	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									
HILL STATIONS																							
KASHMIR																							
Srinagar (x)	0000	—																					
	0300																						
	1200																						
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	—																					
	1200																						
Sonemarg (x)	0300	—																					
	1200																						
Dras (x)	0300																						
	1200																						
Kargil (x)	0300																						
	1200																						
Leh (x)	0000																						
	0300																						
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	*		*	*	*	*	*		*		5·7		0	0	1	1	0	0	1	0	28
	0300		694·9	—	3045·9	26·9	*	*	*	—	*	—	6·4	—	0	0	2	0	0	0	1	1	27
	1200		692·4		3016·4	35·7	*	*	*		*		6·9		0	0	16	3	0	0	8	1	3
Alishad (x)	0300	—																					
	1200																						
Gilgit (x)	0000	4950																					
	0300																						
	1200																						

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

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1960.

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 Geopotential of 850, 700 mbs. pressure level in GPM.	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									
RAWALPINDI																							
Murree	0300	7113	782·6	—1·3	1489·8	40·6	36·6	31·3	6·0	+0·4	70	+17	5·8	+2·2	1	7	7	13	0	1	0	2	0
	1200		782·2		1478·1	46·1	41·0	35·1	7·0		66		6·3		0	1	6	10	0	1	3	6	4
PESHAWAR																							
Drosh	0000	4806	853·3		1496·3	41·6	39·4	36·6	7·2		82		5·3		0	2	5	5	0	1	0	0	18
	0300		854·5	—0·8	1507·0	41·4	39·3	36·7	7·2	+0·9	82	+15	5·8	+2·0	0	1	2	3	0	1	0	0	24
	1200		852·6		1490·0	53·6	49·3	45·5	10·1		73		6·1		0	3	1	2	0	9	1	1	14
Cherat	0300	4272	870·0	0·0	1492·0	48·6	44·2	38·4	8·1	+1·1	69	+13	4·6	+1·5	18	0	0	4	6	0	0	3	0
	1200		869·3		1487·1	54·9	47·7	39·3	8·5		57		4·6		18	0	0	4	8	0	0	1	0
Kakul	0000	4214	870·8		1480·5	47·0	43·1	38·5	7·9		71		4·3		6	3	3	5	1	2	1	10	0
	0300		871·7	—	1490·7	49·0	44·5	39·3	8·2	—	69	—	5·2	—	4	2	3	4	0	1	1	16	0
	1200		870·6		1483·7	56·8	48·8	40·0	8·5		54		5·4		0	1	1	3	4	4	8	10	0
Balakot (R)	0000	3226																					
	0300																						
	1200																						
Landikotal	0000	3503	892·2		1464·3	45·7	42·4	38·3	7·9		76		4·2		0	3	0	1	0	2	0	1	24
	0300		893·6	—	1478·1	47·7	43·6	38·6	8·0		72	—	4·0	—	0	1	0	4	1	1	0	1	23
	1200		892·5		1475·7	56·8	47·8	38·1	7·7		49		5·0		0	6	1	4	1	3	0	8	8
D. I. KHAN																							
Parachinar	0000	5673	825·5		1490·5	39·4	36·4	32·2	6·2		76		3·3		16	0	0	0	0	0	0	0	15
	0300		826·5	0·0	1498·8	40·7	37·7	33·3	6·6	+1·6	77	+17	3·6	+0·3	3	3	0	2	0	1	1	4	17
	1200		826·0		1490·3	50·7	43·4	36·6	7·0		56		4·8		1	0	1	17	1	1	0	3	7
Mirankshah	0000	3026	(e) 907·4		(e) 1455·1	46·3	43·2	40·0	8·1		78		2·3		0	2	0	0	0	3	0	0	26
	0300		(e) 908·9	—	(e) 1474·0	51·0	47·8	44·6	10·0	+2·6	80	+21	2·9	+0·4	0	3	0	0	0	1	0	0	27
	1200		(e) 907·2		(e) 1471·1	62·0	*	*	*		*		4·7		0	16	0	0	0	0	0	1	14
Wana	0300	4503	861·7	—	1484·2	43·9	40·6	35·8	7·4	+0·7	73	+6	1·8	—0·8	0	0	1	3	3	7	0	0	17
	1200		859·9		1470·5	57·2	47·1	34·4	7·1		44		3·4		0	1	8	7	4	6	3	0	2
HILL STATIONS																							
QUETTA																							
Fort Sandeman	0300	4614	859·0	—0·6	1491·6	46·4	41·1	32·5	6·7	+0·2	61	—6	2·8	+0·5	2	1	0	9	4	5	1	1	8
	1200		857·3		1478·8	61·6	47·8	29·5	5·8		31		5·3		3	5	3	4	2	10	0	4	0
Hindubagh	0000	5909	*			*							*		*								
	0300		*			*							*		*								
	1200		*			*							*		*								

(R) Register not received. (*) Data rejected. (e) Mean for 26 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MARCH, 1960.

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 Geopotential of 850 /700 Mbs. pressure level in GPM.	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									
QUETTA—Contd.																							
Loralai	0000	4699	854·0		1469·9	43·2	39·0	32·1	6·4		67		2·2		0	0	0	0	0	6	12	5	8
	0300		855·1	—	1478·5	42·6	38·8	32·5	6·5	—	70		3·3		1	1	0	0	0	3	5	12	9
	1200		853·3		1464·6	62·3	49·3	35·2	6·9		36		4·7		1	1	0	10	2	10	0	4	3
Harnai	0300	2861											1·3		*								
	1200												1·5		*								
Samungli	0000	5213	839·6		1485·6	39·0	35·3	30·1	5·7		70		2·5		2	1	5	11	2	0	1	2	7
	0300		840·7		1496·0	40·6	36·6	31·5	6·0		70		3·4		1	0	6	8	1	1	1	3	10
	1200		838·9		1475·5	57·8	45·2	30·1	5·8		36		5·0		2	1	1	4	4	3	6	9	1
Quetta	0300	5490	831·6	—2·1	1490·6	43·1	39·5	34·9	7·0	+0·5	73	+6	2·6	—0·1	2	1	0	1	7	1	0	0	19
	1200		830·4		1473·1	58·0	50·5	43·5	9·8		60		2·8		1	0	0	1	4	3	0	4	18
Chaman	0000	4311	866·7		1471·8	48·3	40·5	29·4	5·5		47		1·7		0	0	10	4	4	3	0	0	10
	0300		867·8	—1·6	1483·6	47·5	39·9	29·4	5·4	—1·3	46	—8	1·5	—1·5	0	0	18	2	7	0	0	0	4
	1200		865·9		1469·5	60·8	45·9	24·2	4·6		25		3·1		1	2	1	1	2	4	13	7	0
KALAT (North)																							
Kalat (R)	0000	6616																					
	0300																						
	1200																						
Nushki	0000	3416	*			52·5	44·8	34·7	7·0		53		1·5		0	3	18	2	2	0	0	1	5
	0300		902·6		1542·0	56·8	47·1	35·9	7·2		45		2·4		0	4	12	4	1	0	2	2	6
	1200		900·7		1532·5	68·5	53·8	39·9	8·3		35		3·0		0	1	0	0	7	5	5	13	0
Dalbandin	0000	2785	916·2		1464·5	49·5	42·1	31·2	6·2		51		1·9		1	8	5	0	3	2	2	1	9
	0300		917·7	—0·5	1477·4	49·3	41·8	30·4	6·0	—2·0	50	—3	2·3	0·0	0	12	0	3	2	0	1	2	11
	1200		915·1		1480·9	71·8	51·8	26·3	5·1		19		4·0		1	1	4	6	7	6	4	1	1
KALAT (South)																							
Panjgur	0000	3177	904·6		1483·3	50·9	44·2	35·2	7·2		57		2·3		7	13	0	1	0	8	0	1	1
	0300		905·6	+0·5	1490·7	52·0	44·3	32·9	6·8	—1·9	52	—11	2·2	+0·7	2	21	0	2	1	2	0	0	3
	1200		903·4		1489·0	70·5	52·6	30·0	6·3		25		2·3		8	1	0	0	0	18	0	4	0
AFGHANISTAN																							
Kabul (R)	0300	5955																					
	1200																						
Kandahar	0300	3462	895·9	—	1485·1	46·7	41·9	35·4	7·2	—	6·5	—	2·8	—	0	5	2	1	3	4	2	1	13
	1200		893·3		1475·0	63·1	49·6	33·7	6·8		3·4		6·2		1	1	2	1	4	7	6	3	6

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

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MARCH, 1960.

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.	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
CHITTAGONG																					
Rangamati	90·2		98	22,23,29	62·0		55	25,26	0·39		0·24	1	2		x		2	0	27	0	0
Cox's Bazar (P.T)	86·3	0	94	22,23	66·2	+1·8	62	4	1·99	+0·50	1·34	3	2	+0·5	3·2	+0·5	3	0	0	0	0
Chittagong (Patenga)	86·1		93	22,23	66·4		61	26	0·90		0·84	1	1		x		2	0	6	0	0
Chittagong (P.T)	87·5	+0·4	96	22,23	66·5	—0·7	61	1,4,26	1·40	—1·06	1·40	1	1	—1·5	4·5	—0·9	1	0	0	0	0
Maijdee Court	86·9	+0·3	93	18,29	65·8	—4·7	57	26	2·48	+0·11	0·75	1	3	—0·1	x		0	0	0	0	0
Comilla	88·8	—0·9	96	29	64·5	—2·6	60	1	1·33	—1·68	0·71	1	4	—0·5	x		0	0	0	0	0
Brahmanbaria	87·2	—2·8	95	4 days	64·8	+0·8	57	25,26	3·96	+0·93	2·45	1	3	—0·7	2·6		3	0	0	0	0
Srimangal	87·7	—2·5	98	28	58·6	—2·9	46	25	2·31	—1·08	1·26	7	4	—0·9	x		6	0	0	0	0
Sylhet (P. B. O.)	85·3		97	28	62·7		56	25	3·09		1·47	12	5		x		4	0	0	0	0
DACCA																					
Mymensing	86·8	—1·2	100	31	63·8	—0·9	58	25	2·71	+0·87	1·03	2	3	0	1·5	—0·1	5	0	2	0	0
Narayanganj	89·1	—0·7	97	29,31	66·4	—1·7	60	25	1·46	—0·93	0·66	8	3	—0·2	2·5	—0·3	0	0	4	0	0
Dacca (Tejgaon)	89·4		99	31	64·6		56	25	0·55		0·24	12	2		4·5		4	0	3	0	0
Faridpur	88·3	—1·0	100	31	63·5	—2·3	53	25	0·71	—1·39	0·48	12	2	—0·9	2·0	—1·3	2	0	0	0	0
Barisal	88·2	—1·4	95	19	67·5	—1·3	60	25	2·02	—0·03	0·77	6	6	+2·9	"		4	0	3	0	0
RAJSHAHI																					
Khulna	89·5	—2·1	95	5 days	68·0	—0·4	61	3	0·70	—0·94	0·29	2	3	+0·7	x		0	0	8	0	0
Sarkhira	89·6	—4·1	99	31	67·2	—0·7	59	3,26	4·08	+2·24	2·72	7	6	+3·5	0·7	—1·4	0	0	2	0	0
Jessore (P. T.)	89·5	—2·4	98	31	63·6	—1·2	54	26	0·84	—1·09	0·31	1	4	+1·1	3·3	+1·5	0	0	4	0	0
Pabna	88·7	—3·6	101	31	63·3	—0·3	56	24,25	2·00	+0·79	0·65	6	5	+3·1	x		5	0	0	0	0
Sirajganj	87·7		101	31	63·2		55	24	3·65	+2·37	1·85	7	4	+1·9	3·3		4	0	0	0	0
Rajshahi									1·25	+0·08	0·50	12	3	+1·2							
Bogra (P. B. O.)	87·3	—3·4	102	31	63·6	+0·6	56	24,26	1·27	+0·13	0·49	7	3	+1·0	2·6	+0·8	3	0	1	0	0
Dinajpur	86·6	—2·6	102	31	61·4	+0·5	54	25	1·46	+0·77	0·96	2	3	+1·6	1·3	—1·1	2	0	0	0	0
Rangpur	84·6		99	31	61·3		54	6	2·25	+1·25	0·97	6	5	+3·4	2·3		2	0	0	0	0

(*) Data rejected. (a) Data available.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MARCH, 1960.

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																					
Jammu (x)																					
LAHORE																					
Lahore (P. B. O.)	79·0	—3·6	87	2,3	55·6	+2·4	47	19,23	1·82	+1·03	0·71	22	4	+2·1	2·4	+0·5	7	0	0	0	0
Lahore (Cantt)	79·9	—	87	2,3	54·7	—	47	23	2·05	—	0·65	22	5	—	4·4	—	8	1	0	0	0
Lahore (Walton)	79·8	—	89	3	54·3	—	47	4 days	1·96	—	0·60	22	5	—	5·6	—	7	1	0	0	0
Sialkot	77·6	—2·5	87	3	55·6	+1·4	46	24	2·32	+0·81	0·63	9	6	+2·8	(a) 2·1	+0·6	2	0	0	0	0
RAWALPINDI																					
Jhelum	77·0	—	89	2,3	53·4	—	45	18,23	2·27	—	0·76	11	7	—	(b) 2·3	—	6	0	0	0	2
Chaklala	70·7	—	81	3	49·5	—	42	4 days	3·56	—	0·78	10	11	—	5·1	—	11	2	0	0	1
Rawalpindi	71·1	—4·0	82	2,3	51·1	+0·7	43	23	4·26	+1·59	0·99	16	10	+5·3	3·1	+0·8	8	0	0	0	0
Khushab	77·5	—3·8	87	1,3	(b) 53·9	—1·9	45	20	2·20	+1·16	0·70	16	6	+3·5	3·4	—0·3	1	0	0	0	0
Sargodha (P.A.F.)	77·3	—	89	3	53·8	—	45	20	1·01	—	0·26	15	5	—	2·5	—	5	0	0	0	0
MULTAN																					
Lyallpur	77·6	—4·0	87	1	53·8	+0·2	45	20	2·40	+1·84	0·95	22	6	+4·4	2·9	+1·0	6	0	0	0	0
Montgomary	80·0	—3·8	90	5	55·5	—0·5	47	20	1·44	+1·02	0·48	10	5	+3·7	2·1	—1·0	6	0	0	0	0
Multan (P. B. O.)	79·7	—	91	3	54·9	—	43	20	1·11	—	0·59	22	3	—	3·8	—	3	0	0	2	0
Multan (Surf)	79·9	—4·0	90	3	57·4	+0·2	49	20,23	1·05	+0·65	0·35	22	6	+5·0	3·1	+1·6	3	0	0	1	1
BAHAWALPUR																					
Leiah (R)																					
Khanpur (Surf) (R)																					
Khanpur (P. B. O.)	83·7	—	95	3	53·6	—	45	23	0·86	—	0·59	16	3	—	4·1	—	4	2	0	0	1
Bahawalpur	83·3	—2·3	95	3	56·6	+1·4	49	20,22	1·31	+0·91	0·53	16	4	+3·1	2·8	+0·2	0	0	0	0	0
Fort Abbas	85·9	—	97	3	(a) 54·0	—	46	20	0·12	—	0·12	10	1	—	3·8	—	0	0	0	0	0

(R) Register not received. (x) Data not available. (a) Mean for 30 days. (b) Mean for 29 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MARCH, 1960.

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
PESHAWAR																					
Chakdara	65·4	—	78	3	46·1	—	37	17	9·24	—	1·33	27	15	—	*	—	2	0	0	0	0
Peshawar	69·7	—5·1	81	1	50·5	—1·9	40	22	3·82	+1·38	1·29	16	10	+5·4	1·9	+0·1	9	0	0	0	0
Risalpur	71·2	—	85	2	48·7	—	39	23	3·89	—	1·20	7	7	—	3·7	—	5	0	2	0	0
Haipur	72·0	—	84	2	48·0	—	41	17,23	3·47	—	0·57	13,28	11	—	5·4	—	3	0	0	0	0
Campbellpur (R)																					
D. I. KHAN																					
Kohat	70·4	—	83	1	53·5	—	45	22	4·51	—	0·95	13	10	—	3·5	—	8	1	0	0	0
Bannu	71·9	—6·1	83	1	52·8	—0·1	43	22	3·69	+2·11	1·90	13	6	+2·3	1·1	—	4	0	0	0	0
D. I. Khan	77·2	—4·6	88	1	53·7	—1·3	44	20	1·71	+0·75	0·40	12	6	+3·7	1·7	+0·2	0	0	0	0	0
Mianwali	74·2	—	85	1,2,3	52·7	—	45	7,23	4·28	—	1·16	7	6	—	x	—	1	0	0	0	0
QUETTA																					
Sibi	83·7	—2·3	98	1	58·9	—0·5	48	18	1·19	+0·87	1·04	9	1	+0·1	*		0	0	0	0	0
KALAT (NORTH)																					
Nokkundi	78·0	—0·1	91	1,2,3	50·4	—1·4	32	21,22	0·83	+0·71	0·57	26	2	+1·4	x		0	0	0	0	0
KALAT (SOUTH)																					
Turbat	87·0	—	98	1	x				3·91	—	1·71	10	5	—	x		0	0	0	0	0
Jiwani	79·2	—	84	1,2	63·6	—	58	17	2·87	—	1·69	12	3	—	8·3	—	5	0	0	0	0
Pasni	81·0	—3·6	87	6	61·9	0·0	52	22	1·64	+1·13	0·79	10	2	+1·3	8·8	+3·3	0	0	0	0	0
Ormara	80·5	—1·4	87	31	63·3	—2·1	55	22	2·06	+1·83	0·69	10	7	+6·3	6·8	—0·9	4	0	2	0	0
Lasbela (R)																					

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

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MARCH, 1960.

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
PEDERAL CAPITAL AREA																					
Karachi (Manora)	84·1	+2·3	90	26	70·2	+2·1	63	10,22	1·09	+0·80	0·59	11	4	+3·4	x		0	0	0	0	0
Karachi (Mouripur)	82·3		92	26	63·2		53	23	2·86		1·40	10	3		5·7		2	0	1	0	0
Karachi (City)	83·2		93	26	63·2		52	24	1·75		0·84	11	3		4·7		0	0	0	0	0
Karachi (P. A. F.) (S)																					
Karachi (Air Port)	84·4	—	93	26	62·6		51	23	1·28	—	0·63	11	3	—	6·2		3	0	0	0	0
HYDERABAD																					
Badin	90·4	—1·3	98	2	61·1	—0·6	48	22	1·61	+1·46	1·49	10	2	+1·8	x		0	0	0	0	0
Nagarparkar (R)																					
Umarkot	90·5		99	2	59·6		40	22	0·00		0·00	—	0		4·0		0	0	2	0	0
Chhor	89·9		98	26	57·7		36	22	0·00		0·00	—	0		2·0		0	0	0	0	0
Hyderabad	88·9	—3·6	100	2	62·8	—1·0	48	22	0·48	+0·28	0·22	10	3	+2·6	4·4	+0·1	1	0	0	0	0
KHAIRPUR																					
Pad Idan	86·5		98	2	54·8		40	22	0·83		0·57	26	2		4·5		1	0	0	0	0
Nawabshah	87·7		99	2	56·6		38	22	0·11		0·11	26	1		3·2		1	0	0	0	0
Sukkur	85·5	—2·4	98	2	58·1	—1·5	46	22	1·07	+0·83	0·63	26	2	+1·1	3·6	+0·3	2	0	0	0	1
Kashmore	85·2		95	1,2	54·2		44	22	0·00		0·00	—	0		5·7		1	0	0	0	1
Jacobabad	84·7	—4·9	97	1	58·6	—2·0	49	22	0·36	+0·14	0·21	9	2	+1·3	5·7	+1·7	4	0	0	0	0
JUNAGADH																					
Veraval	(c) 86·8		97	24,31	(b) 65·0	—	57	22	0·00	—	0·00	—	0	—	x	—	0	0	0	0	0
AFGHANISTAN																					
Jalalabad (R)																					
ARABIA																					
Muscat (x)																					

(R) Register not received. (S) Observations suspended. (x) Data not available. (b) Mean for 29 days. (c) Mean for 16 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MARCH, 1960.

Division and Station.	Maximum Temperature of the Air oF				Minimum Temperature of the Air oF				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
HILL STATIONS																					
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonemarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Misgar	39·9	—	50	7	21·4	—	13	25	0·19	—	0·05	16	0	—	5·1	—	0	0	0	0	0
Aliabad (x)																					
Gilgit (x)																					
RAWALPINDI																					
Murree	48·0	—7·6	59	26	36·1	—1·7	29	23	7·22	+2·41	1·04	28	14	+6·7	9·2	+4·0	7	0	5	0	0
PESHAWAR																					
Drosh	58·5	+0·4	72	1,2	39·2	—1·2	32	23,24	8·02	+4·29	2·29	27	16	+8·6	3·0	—0·1	1	1	0	0	0
Chitral	58·3	—2·9	71	1,2,3	45·2	—2·5	36	22	7·16	+2·87	1·53	7	12	+6·4	4·9	—2·8	1	0	3	0	0
Kakul	61·3	—	71	1,2,3	44·3	—	38	20	5·54	—	1·08	16	11	—	(x)	—	5	4	0	0	0
Balakot (R)																					
Landikotal	59·9	—	74	1	42·0	—	31	22	4·84	—	1·27	16	11	—	2·9	—	4	0	1	0	0

(R) Register not received. (x) Data not available.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MARCH, 1960.

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
D. I. KHAN																					
Paxachinar	55·6	—4·2	69	1	36·5	—2·1	26	22	14·19	+9·85	2·60	27	14	+5·7	2·9	+0·5	0	0	0	0	0
Miranshah	65·6	—1·7	80	1	46·0	—1·7	35	22	5·08	+2·54	1·21	13	9	+3·6	2·6	—2·1	0	0	0	0	0
Wana	61·5	—4·2	75	1	39·5	—0·5	30	22	4·29	+0·36	0·90	13	10	+6·1	3·0	—	4	0	1	0	0
HILL STATIONS.																					
QUETTA																					
Fort Sandeman	65·3	—4·6	79	3	45·5	+0·7	25	20	3·04	+1·66	0·70	21	9	+5·4	x		0	0	0	0	0
Hindubagh	*				*				1·65		0·50	26	4		*		0	0	0	0	0
Loralai	65·4	—	84	9	39·0	—	30	17	1·90	+0·60	0·59	9	8	+4·9	3·9	—	1	0	0	0	0
Harnai									2·72	+1·31	0·95	14	5	+2·1	x		0	0	0	0	0
Samungli	61·1		77	3	35·8		23	17,22	1·91		0·44	19	6		7·2	—	5	1	0	0	2
Quetta	61·9	—	75	4	35·2	—	23	21,23	1·78	—	0·44	11	6	—	3·7	+0·9	0	0	0	0	0
Chaman	64·9	—1·6	80	3	42·8	—3·2	23	22	4·84	+3·35	2·98	21	5	+1·0	x		0	0	0	0	0
KALAT (NORTH)																					
Kalat (R)																					
Nushki	72·5		85	5 days	50·5		30	21	0·98		0·43	19	4		x		0	0	0	0	1
Dalbandin	74·7	—3·1	89	2,3	46·4	—1·3	29	22	0·71	+0·31	0·37	26	1	—0·4	4·6	+0·6	0	0	0	2	1
KALAT (SOUTH)																					
Panjgur	71·4	—6·7	85	1	46·4	—3·8	30	22	1·68	+1·08	0·90	26	4	+2·7	x		0	0	0	3	0
AFGHANISTAN																					
Kabul (R)																					
Kandahar	66·1	—	82	3	41·9	—	24	21	1·60	—	0·34	21	6	—	1·7	—	6	1	0	0	2

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

A.S.M. Press, Dacca—Civil—15 —21-10-64—200 Copies

193 Pakistan. Meteorological Service.

Regd. No. S-1452.

PAKISTAN WEATHER REVIEW, 1960

Monthly Weather Report.

April.

PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN.

Chief Features.—1. Pronounced western disturbance activity throughout the month with a marked spell of wet weather in West Pakistan out-side the southeastern districts during the third week causing locally moderate to heavy falls in the northern parts.

2. Unusally hot and dry weather over East Pakistan with feeble north westerly activity.

West Pakistan.—In association with the passage of three western disturbances across the northern parts of the region during the first fortnight scattered thunder rain occurred there on most of the days. However local rain fell in Peshawar and Quetta divisions between the 4th and 5th. In the wake of the second western disturbance cold dry air swept across the Peshawar divisions blowing at the speed of 45 miles an hour as a result of which as reported in news papers, kutcha houses were damaged and electric supply was dislocated. The northernly air reaching the coastal districts was considerably hot and caused a mild heat wave in Federal Capital Area and Hyderabad division. (maximum temperature 106°F at Karachi (Manora) and Badin on the 8th).

During the third week seven western disturbances affected weather in West Pakistan in quick succession. They caused spell of wet weather practically over the whole of West Pakistan out-side the southeastern districts with locally moderate to heavy falls in the northern parts. According to newspaper reports, due to heavy rains some crops were demaged in the Rawalpindi division and Kabul river in the Peshawar division was flooded while Quetta experienced unusually cold weather following snowfall on the mountain pears.

During the rest of the month mainly scattered thunder-rain-activity continued over the region outside Hyderabad division and the Federal Capital Area due to the passage of four more western disturbances.

Noteworthy amounts of rainfall were:—Parachinar 2", on the 17th and Parachinar 4". Landikotal and Bannu 3" each. and Rawalpindi and Drosh 2" each on the 19th.

The total rainfall during the month was in large excess in Peshawar, D. I. Khan and Quetta Divisions, in moderate excess over Kalat and in slight excess over Bahawalpur division. It was normal in Rawalpindi Division, and in moderate defect in Lahore and Multan Divisions and in large defect elsewhere. Averaged over the region as a whole it was in large excess.

The mean maximum temperature was above normal in Federal Capital Area, normal in Hyderabad Division and below normal elsewhere.

The mean minimum temperature was above normal in Federal Capital Area, normal in Lahore, Bahawalpur, Kalat, Hyderabad and Khairpur Divisions and below normal elsewhere.

The mean relative humidity was normal over the region except in Rawalpindi and Hyderabad Divisions where it was in excess.

The mean cloud amount was in excess over Kalat and Khairpur divisions, in defect over Lahore and Multan Divisions and normal elsewhere.

East Pakistan.—Of the seven westerly low pressure waves which affected the weather over the region during the month, the first three caused local rain practically over the whole region between the 11th and the 12th and scattered in Chittagong division during the rest of the first week. The remaining four caused only scattered thunderstorm/showers mainly in Chittagong division on the 19th and between the 21st and the 25th. As a result of scantly rainfall the weather was unusually hot practically throughout the month.

Chief amounts of rainfall were:—Narayanganj and Dacca 1" each on the 12th and Faridpur 1" on the 24th.

The total rainfall during the month was in large defect over the entire region and as a whole.

The mean maximum and mean minimum temperatures were above normal all over the region except in Rajshahi Division where the mean minimum temperature was normal. The mean relative humidity and mean cloud amount where in defect over the whole region.

Table I contains the Divisional means of rainfall, temperature, humidity and cloud for the 15 political divisions of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsequent tables.

GPPD—S-2—498 (Civil) 60—14—364—200.

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Jan, 4th, May
Nov & Dec. '60
Jan, 4th, May – Dec. 61
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TABLE I.—DIVISIONAL MEANS FOR APRIL, 1960.

Division.	PRECIPITATION.				DEPARTURE FROM NORMAL OF				
							03·00 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.									
Chittagong	0·87	6·27	—5·40	—86	+3·8	+2·1	+0·6	—6	—0·6
Dacca	1·37	4·95	—3·58	—72	+6·0	+2·0	—0·1	—7	—1·5
Rajshahi	0·18	2·70	—2·50	—93	+5·8	+1·5	—1·6	—13	—2·6
Mean	0·74	4·46	—3·72	—83	+5·2	+1·8	—0·5	—10	—1·7
WEST PAKISTAN.									
Kashmir*									
Lahore	0·47	0·79	—0·32	—41	—3·2	—1·1	—0·3	0	—0·7
Rawalpindi	2·27	2·32	—0·05	—2	—4·1	—3·4	—0·1	+6	+0·1
Multan	0·26	0·36	—0·10	—28	—3·2	—2·9	—1·7	+4	—0·9
Bahawalpur	0·20	0·18	+0·02	+11	—2·0	—0·5	—1·0	+3	+0·2
Peshawar	5·71	2·87	+2·84	99	—4·1	—3·7	—0·8	+1	+0·4
D. I. Khan	4·56	1·74	+2·82	162	—3·7	—3·0	—0·2	+3	—0·4
Quetta	1·06	0·70	+0·36	+51	—3·1	—2·8	—0·2	+2	+0·5
Kalat	0·57	0·43	+0·14	+33	—2·6	—1·0	—1·1	—4	+1·3
Federal Capital Area	0·00	0·15	—0·15	—100	+5·6	+3·4	+2·6	—3	+0·4
Hyderabad	0·00	0·03	—0·03	—100	—0·3	—0·7	+0·7	+10	—0·1
Khairpur	0·01	0·13	—0·12	—92	—2·4	—0·9	—1·7	+1	+0·9
Mean	1·25	0·75	+0·50	+67	—2·5	—1·7	—0·5	+1	+0·4
Junagad*									

* Data incomplete.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL, 1960.

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 Geo.	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									
CHITTAGONG																							
Rangamati	0000	208	1001·9		1009·1	73·8	71·6	70·2	25·4		89		4·1		4	0	1	1	16	1	0	0	7
	0300		1003·6		1010·8	83·9	75·1	70·6	25·8		65		1·9		0	0	2	2	21	1	1	0	3
	1200		999·3		1006·3	89·7	75·2	67·2	23·3		49		1·5		0	0	0	0	18	6	4	1	1
Cox's Bazar	0300	38	1009·3	0·0	1010·6	85·7	79·8	75·8	30·7	+1·4	72	—3	2·7	—0·6	0	1	1	9	12	3	2	1	1
	1200		1005·3		1006·6	84·5	79·3	76·9	31·8		79		1·8		0	0	0	1	9	12	7	1	0
Chittagong (Patenga)	0000	20	1007·6		1008·3	76·6	75·1	74·4	29·1		94		3·9		0	0	2	19	0	1	0	0	8
	0300		1009·7		1010·4	85·5	78·6	75·6	30·3		72		3·3		0	1	0	11	9	2	1	0	6
	1200		1005·6		1006·3	85·1	78·6	75·7	30·4		73		1·8		0	0	0	0	10	16	2	1	1
Chittagong	0300	46	1008·7	—0·2	1010·3	85·4	77·4	74·5	28·5	+0·4	68	—7	3·5	+0·1	3	0	1	14	9	2	0	1	0
	1200		1004·4		1005·9	84·5	77·4	74·3	28·9		73		2·0		0	0	0	0	11	14	4	1	0
Maijdi Court	0000	25	1007·0		1007·9	78·8	76·5	75·1	30·1		89		2·6		0	0	0	0	12	0	0	0	18
	0300		1008·9	—0·1	1009·8	85·7	78·5	75·8	30·1	+0·6	72	—3	2·2	—1·7	0	0	0	1	16	1	0	0	12
	1200		1005·0		1005·8	86·6	78·2	74·0	29·2		67		2·4		0	0	0	2	20	4	1	0	3
Comilla	0000	29	1006·8		1007·8	76·8	75·2	74·4	29·2		93		2·6		0	0	0	0	17	0	0	0	13
	0300		1008·1	—0·5	1009·1	86·2	77·9	74·0	28·8	0·0	67	—4	2·5	—1·0	0	0	0	0	23	0	0	0	7
	1200		1004·3		1005·3	88·6	76·9	70·6	26·3		57		2·4		0	0	0	0	23	0	0	0	7
Brahmanbaria	0000	32	1006·1		1007·2	76·2	74·2	73·1	28·0		91		3·1		0	0	2	2	16	0	1	0	9
	0300		1008·2		1009·3	86·1	76·9	72·2	27·4	+1·8	65	—4	2·6		0	0	1	3	16	5	2	0	3
	1200		1003·5		1004·6	88·1	74·9	67·1	23·5		52		2·0		0	0	0	6	9	4	1	0	10
Srimangal	0000	69	1005·3		1007·7	72·9	70·5	69·0	24·3		88		3·8		0	0	0	0	0	0	0	0	30
	0300		1007·2	—0·6	1009·5	84·2	74·8	70·1	25·3	—0·7	62	—15	2·6	—0·9	0	0	1	6	7	4	2	0	10
	1200		1002·1		1004·4	90·7	73·3	63·2	20·1		42		2·4		1	0	0	0	5	1	0	0	23
Sylhet (P.B.O.)	0000	115	1003·3		1007·4	73·3	69·6	67·2	23·0		82		2·9		1	0	15	0	1	1	0	0	12
	0300		1005·3		1009·3	83·9	74·4	69·5	24·8		62		3·1		0	0	15	6	3	3	0	0	3
	1200		1000·2		1004·1	87·4	74·1	66·6	22·8		51		2·0		2	0	1	1	1	1	6	2	16
DACCA																							
Mymensingh	0000	62	1005·0		1007·1	75·2	71·6	69·7	24·9		83		3·7		0	0	7	10	0	0	9	0	4
	0300		1007·0	—0·6	1009·1	82·8	74·7	70·2	25·7	+0·3	67	—7	3·6	—1·1	0	0	7	14	0	0	8	0	1
	1200		1001·6		1003·7	93·9	73·6	60·3	19·1		35		1·2		0	0	4	6	1	0	13	0	6
Narayanganj	0000	26	1006·1		1006·9	77·2	75·7	73·7	29·7		93		2·4		0	0	1	4	12	5	3	1	4
	0300		1008·1	—0·4	1009·0	85·5	77·3	73·4	28·3	+0·4	67	—8	2·6	—1·6	1	0	2	5	10	7	2	2	1
	1200		1003·1		1004·0	89·5	76·0	68·5	24·5		51		2·5		0	0	0	10	9	4	2	0	5
Dacca (Tejgaon)	0000	27	1005·2		1006·1	75·9	74·3	73·0	28·3		93		3·0		0	0	0	2	14	7	3	0	4
	0300		1007·4		1008·3	85·5	76·8	72·2	27·5		66		2·3		0	0	1	2	10	11	5	1	0
	1200		1002·6		1003·5	90·4	73·4	62·2	20·4		41		2·1		1	0	0	2	14	6	3	4	0

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL, 1960—Contd.

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.	%	%	oktas	oktas									
DACCA—Contd.																							
Faridpur	0000	46	1004·9		1006·5	76·3	74·2	72·9	28·0		91		1·2		1	0	0	12	12	0	0	1	4
	0300		1007·0	0·0	1008·5	85·7	76·3	70·8	26·7	—1·4	63	—6	1·4	—1·7	2	0	0	1	16	2	3	2	4
	1200		1002·7		1004·2	93·2	74·0	61·8	20·0		38		1·7		3	0	0	8	12	0	0	2	5
Barisal	0000	11	1006·8		1007·2	78·0	75·8	74·8	29·4		91		1·8		0	0	0	1	10	0	0	0	19
	0300		1009·0	0·0	1009·4	86·1	78·7	75·2	30·2	+0·3	70	—5	2·2	—1·6	0	0	0	13	12	0	0	0	5
	1200		1004·8		1005·2	89·1	79·8	75·2	30·4		65		1·8		0	0	0	8	9	0	0	0	13
RAJSHAHI																							
Khulna	0000	16	1006·6		1007·2	78·0	76·2	75·7	30·0		91		1·3		0	0	0	0	0	1	0	0	29
	0300		1008·5	—0·1	1009·1	86·3	78·6	74·9	29·9	—1·1	70	—2	0·4	—3·7	0	0	0	0	8	7	1	0	14
	1200		1004·2		1004·8	91·3	77·9	71·3	26·5		53		0·5		0	0	0	1	14	2	0	0	13
Satkhira	0000	16	1006·0		1006·6	77·5	76·2	75·4	30·3		93		1·5		0	0	0	0	0	2	0	0	28
	0300		1008·3	0·0	1008·9	87·7	82·2	79·8	35·0	+5·8	78	+8	1·4	—1·6	0	0	0	0	4	8	0	1	17
	1200		1004·0		1004·6	*	*	*	*		*		1·5		0	0	0	0	8	4	0	1	17
Jessore	0000	26	1005·5		1006·4	76·3	74·1	73·0	27·8		90		1·6		1	0	1	0	16	8	2	0	2
	0300		1007·6	—0·3	1008·5	86·9	76·9	71·9	27·0	—1·8	62	—11	1·0	—2·3	1	1	0	0	10	15	2	1	0
	1200		1003·6		1004·5	96·7	74·0	60·3	18·3		31		1·0		0	0	0	1	13	4	10	2	0
Pabna	0000	48	1004·1		1005·7	74·7	71·1	69·1	24·4		83		0·8		0	0	0	3	4	12	0	0	11
	0300		1006·2		1007·8	87·9	75·4	68·8	24·4	—3·1	54	—18	0·8		0	0	0	4	5	18	2	0	1
	1200		1001·2		1002·8	95·0	72·2	58·2	16·7		29		1·3		0	0	1	2	6	13	11	1	2
Serajganj	0000	51	1004·3		1006·1	73·0	70·6	68·2	24·4		88		1·3		0	0	2	1	7	0	0	0	20
	0300		1005·9		1007·6	85·4	78·0	74·5	29·4		70		0·8		1	0	1	3	8	6	0	2	9
	1200		1001·0		1002·7	95·2	82·8	76·5	32·7		57		1·0		0	0	0	2	1	2	0	2	23
Rajshahi	0300												0·6										
Bogra (P.B.O.)	0000	65	1003·5		1005·7	73·4	67·4	62·7	20·2		72		1·4		0	0	2	5	2	8	1	0	12
	0300		1005·5	—1·0	1007·7	87·6	72·3	61·6	20·1	—4·6	46	—23	0·9	—2·5	0	0	2	9	2	11	5	0	1
	1200		1000·6		1002·7	96·5	70·7	52·3	14·0		23		0·8		0	1	0	2	0	3	19	3	2
Dinajpur	0000	123	1000·9		1005·2	71·7	63·7	57·7	16·6		62		0·9		0	0	2	3	0	0	1	0	27
	0300		1003·1	—1·2	1007·3	87·5	67·9	55·5	14·5	—7·2	33	—32	0·1	—3·1	0	0	4	0	0	3	9	0	17
	1200		997·7		1001·8	97·5	68·6	45·3	10·8		18		0·2		0	0	0	0	0	0	11	0	19
Rangpur	0000	113	1001·7		1005·6	70·2	65·5	62·2	19·4		76		2·2		0	3	6	1	7	4	1	0	8
	0300		1003·8		1007·6	82·8	71·8	64·7	21·6		56		1·3		2	8	4	1	3	3	6	3	0
	1200		998·7		1002·4	94·7	72·5	58·0	17·2		31		0·7		1	1	0	2	0	2	17	3	4

* Data rejected.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL, 1960—Contd.

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
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	oktas								
KASHMIR																						
Jammu (×)	0300	1200																				
	1200																					
LAHORE																						
Lahore (PBO)	0000	702	983·8		1008·6	64·3	57·7	51·9	13·3		64		1·5		1	5	0	1	0	0	0	1
	0300		985·1	−1·7	1009·4	73·9	61·3	50·7	12·8	−0·6	45	+1	1·8	−0·5	4	4	1	1	0	0	1	3
	1200		983·0		1006·7	88·0	64·9	44·6	10·6		23		3·3		2	1	1	2	0	0	3	13
Lahore (Cantt.)	0000	709	983·3		1008·1	64·3	57·1	50·6	12·7		61		1·4		6	2	2	1	1	0	4	9
	0300		984·5		1008·9	72·9	60·2	49·1	12·1		44		1·7		8	4	3	4	0	2	2	4
	1200		982·3		1006·0	87·8	63·7	41·2	9·3		21		2·9		0	1	1	0	4	3	6	15
Lahore (Walton)	0000	699	983·3		1008·0	63·2	58·0	53·9	14·1		71		1·6		4	5	1	3	0	0	0	11
	0300		984·9		1009·2	73·6	62·1	53·0	13·9		49		1·6		2	5	1	5	2	1	0	12
	1200		982·6		1006·2	88·1	66·3	49·5	12·2		26		3·0		1	1	0	3	3	0	3	18
Sialkot	0000	830	(c) 979·0		(c) 1008·1	(c) 65·2	(c) 58·0	(c) 52·2	13·2		63		(c) 0·1		0	2	0	0	0	0	0	1
	0300		980·1	+0·9	1009·0	73·3	61·7	52·3	13·6	−0·1	49	−1	0·9	−1·0	0	0	0	0	0	1	0	2
	1200		977·8		1005·9	86·8	66·6	51·9	13·2		31		2·0		0	2	0	2	0	1	0	11
RAWALPINDI																						
Jhelum	0000	765	981·5		1008·6	62·4	55·3	48·5	11·7		61		2·6		2	2	0	2	0	0	1	10
	0300		982·9		1009·6	71·2	58·8	47·4	11·3		43		2·1		5	4	0	1	2	1	3	12
	1200		980·5		1006·4	85·7	63·0	41·0	9·5		23		3·9		3	1	2	1	4	4	1	12
Chaklala	0000	1667	952·0		1010·5	58·4	53·6	49·4	12·1		72		3·2		1	3	1	1	1	2	8	3
	0300		953·1		1010·9	65·4	56·9	49·9	12·4		58		3·6		0	5	0	0	0	0	9	3
	1200		951·5		1007·8	79·1	61·0	46·2	11·0		33		4·2		0	4	0	2	0	4	17	3
Rawalpindi	0000	1675	951·7		1010·5	58·7	53·8	49·2	12·1		71		2·9		3	0	0	2	0	3	6	5
	0300		952·8	+1·3	1010·8	66·5	57·8	50·6	12·8	−0·2	58	+10	3·0	+0·4	4	2	1	1	2	4	5	5
	1200		951·1		1007·5	79·2	62·4	49·1	12·4		36		4·3		1	1	0	2	0	2	14	6
Khushab	0000	616	*		*	*	*	*	*		*		0·9		0	0	5	0	0	0	0	0
	0300		988·2	+1·1	1009·9	69·5	60·9	54·3	14·4	+1·4	58	+15	0·8	−1·4	1	2	4	0	0	1	0	0
	1200		985·9		1006·7	87·7	67·4	52·5	13·8		31		1·7		3	2	5	0	1	1	1	1
Sargodha (PAF)	0000	617	986·7		1008·2	63·2	59·7	57·0	15·9		80		1·9		3	3	3	2	0	1	0	1
	0300		988·3		1009·4	71·5	64·8	60·2	17·7		69		2·2		3	5	4	0	2	2	2	3
	1200		986·0		1006·5	86·9	71·8	61·6	19·4		46		4·1		4	4	0	0	4	1	8	8
MULTAN																						
Lyallpur	0000	605	987·1		1008·5	63·3	57·9	53·0	14·0		70		0·9		0	1	1	1	0	1	0	3
	0300		988·4	+1·5	1009·7	68·3	59·8	52·9	13·7	+0·9	58	+12	0·8	−2·3	2	2	2	2	3	0	2	3
	1200		986·4		1006·8	87·3	65·6	47·5	11·8		26		2·3		1	1	1	4	4	1	4	5
Montgomery	0000	558	988·7		1008·4	64·0	56·7	50·3	12·4		61		1·1		0	0	0	5	0	3	1	0
	0300		990·1	+1·7	1009·7	67·0	58·3	50·7	12·7	−2·9	56	0	0·3	−1·3	0	0	0	3	0	1	0	0
	1200		987·9		1006·6	89·6	66·1	46·9	11·3		24		0·5		0	0	0	1	0	2	0	1
Multan (PBO)	0000	404	994·1		1008·5	65·9	57·3	49·7	12·2		56		1·5		9	1	3	2	0	0	0	2
	0300		995·9		1010·1	73·2	60·8	50·3	12·6		45		2·4		11	8	1	0	0	2	0	1
	1200		992·3		1005·9	91·6	64·2	38·2	8·1		16		3·0		3	1	0	8	8	6	0	0
Multan (Surface)	0300	413	995·1	+1·5	1009·6	70·7	60·3	51·4	13·2	−3·2	51	0	2·5	+0·8	7	2	2	2	3	0	1	1
	1200		991·8		1005·7	91·7	66·0	43·7	10·3		20		3·6		4	0	5	2	8	1	0	0

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL, 1960—Contd.

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	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									
BAHAWALPUR																							
Leiah (R)	0000	487																					
	0300																						
	1200																						
Khanpur (Surface) (R)	0300	297																					
	1200																						
Khanpur (P.B.O.)	0000	290	997·4		1007·8	65·5	56·3	48·0	11·4		53		1·3		3	6	0	0	0	2	1	1	17
	0300		999·2		1009·4	72·3	59·7	48·6	11·9		44		1·5		8	8	1	0	0	1	0	1	11
	1200		995·7		1005·5	94·6	65·7	39·8	8·5		15		2·6		2	2	0	1	0	8	4	3	10
Bahawalpur	0300	384	996·5	+1·5	1009·9	73·5	63·1	54·7	15·0	—1·0	53	+3	2·0	−0·2	5	7	5	1	5	2	0	2	3
	1200		993·6		1006·6	92·4	70·9	57·4	16·1		31		2·3		3	3	2	0	2	5	2	4	9
Fort Abbas	0000	475	*		*	63·3	53·8 (g)	43·7 (g)	9·9		49		0·1		8	0	2	2	0	2	4	9	3
	0300		993·1		1009·4	78·1	59·5 (d)	41·2 (d)	9·1		27		0·3		3	3	6	9	2	1	2	2	2
	1200		989·6		1005·6	94·3	65·7	40·1	8·7		16		0·7		5	1	0	0	1	4	8	6	5
PESHAWAR																							
Chakdara	0000	2197	933·7		1010·3	56·0	51·4	47·0	11·1		73		3·0		3	13	0	8	0	0	0	1	5
	0300		934·8		1011·3	54·1	52·5	47·7	11·3		67		3·6		0	6	2	5	0	0	0	1	16
	1200		932·7		1006·6	74·3	60·0	49·5	12·0		41		3·8		1	1	2	8	0	6	5	0	7
Peshawar	0000	1177	969·5		1011·1	58·7	53·9	48·2	12·0		71		3·2		3	1	0	2	5	11	1	1	6
	0300		970·9	+1·4	1012·1	65·4	58·1	51·0	13·2	—0·5	62	+6	3·6	−0·1	1	2	0	2	1	3	0	1	20
	1200		968·7		1008·7	78·7	61·9	46·1	11·3		34		4·4		9	5	1	0	1	1	0	6	7
Risalpur	0000	1009	975·3		1011·3	55·7	52·6	49·4	12·1		80		3·1		3	1	0	0	1	4	12	4	5
	0300		976·6		1012·1	64·6	58·3	52·3	13·9		66		3·4		0	1	1	0	0	8	17	1	2
	1200		974·1		1008·5	79·0	62·9	48·4	12·4		37		4·1		3	1	1	0	0	3	15	7	0
Haripur	0300	1757	950·0		1010·6	66·0	56·5	48·3	11·8		54		2·4		0	20	4	2	0	3	0	0	1
	1200		948·1		1007·5	75·7	59·9	46·2	11·2		37		2·7		0	2	3	5	1	13	1	5	0
Campbellpur (R)	0300	1175																					
	1200																						
D. I. KHAN.																							
Kohat	0000	1667	953·2		(g) 1011·2	(g) 63·5	(g) 55·5	(g) 48·8	11·8		59		3·1		2	1	0	0	0	0	2	17	8
	0300		954·5		(g) 1012·1	(g) 67·4	(g) 57·5	(g) 49·5	12·2		53		2·6		3	4	0	0	0	1	0	15	7
	1200		952·6		(g) 1008·9	(g) 78·2	(g) 60·5	(g) 46·6	10·8		33		4·2		4	11	1	0	1	0	3	2	8
Bannu	0000	1263	965·3		1009·8	61·6	55·7	49·5	12·5		66		0·9		0	1	0	0	0	0	5	5	19
	0300		966·2		1010·2	67·2	58·6 (g)	51·4 (g)	12·9	—0·1	57	+6	1·6	−0·1	0	0	1	0	1	2	11	8	7
	1200		964·5		1007·2	80·2	63·4	48·1	10·9		29		3·7		4	2	4	4	1	2	1	3	9
D. I. Khan	0000	570	989·0		1009·1	64·0	59·1	55·2	14·8		73		0·5		1	2	0	0	0	0	1	4	22
	0300		990·2	+1·5	1010·2	71·3	62·9	56·8	16·2	+0·2	60	+4	1·5	−0·7	1	2	1	1	1	2	0	5	17
	1200		987·4		1006·6	87·2	*	*	*		*		2·2		5	2	0	2	1	1	0	1	18
Mianwali	0000	679	(c) 984·4		(c) 1008·3	61·4	58·1	55·4	15·0		80		2·2		1	0	0	0	0	0	0	1	28
	0300		986·5		1010·3	67·5	62·2	56·7	16·7		72		2·4		5	1	0	0	0	0	0	1	23
	1200		983·9		1007·2	84·2	(c) 68·2	(c) 58·7	16·3		40		3·0		0	3	0	0	0	1	0	1	25

(d) Mean for 24 days. (c) Mean for 28 days. (g) Mean for 17 days. * Data rejected. (R) Register not received.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL, 1960—Contd.

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 Geopotential of 850/700 mbs. pressure level in Gpm.	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									
QUETTA																							
Sibi	0000	441	992·8		1008·3	69·9	57·1	43·8	10·2		41		1·9		1	0	0	0	0	1	0	1	27
	0300		993·9	+1·5	1009·3	72·7	58·9	46·1	10·8	+1·0	40	+9	3·6	+1·7	1	1	0	0	1	1	0	3	23
	1200		991·0		1005·8	93·8	65·3	37·2	8·5		16		3·3		0	0	0	2	4	8	2	6	8
KALAT (North)																							
Nokkundi	0000	2229	*			64·7	53·1	41·1	9·1		44		*		3	5	2	3	0	1	3	11	2
	0300		935·4		1011·2	70·9	56·2	43·5	9·9	—1·1	37	—8	*		2	10	6	1	3	1	0	5	2
	1200		932·1		1005·1	86·3	63·6	46·0	10·9		25		*		4	2	1	4	3	2	3	8	3
KALAT (South)																							
Turbat	0000	510	991·0		1008·9	71·8	63·9	57·7	16·8		63		0·9		2	4	4	3	1	2	2	2	10
	0300		992·7		1010·3	77·0	65·5	56·8	16·3		51		0·6		1	6	13	1	0	1	1	0	7
	1200		989·2		1006·1	94·9	72·4	56·7	17·0		30		0·6		1	1	0	2	0	4	18	4	0
Jiwani	0000	185	1002·8		1009·2	72·6	68·9	66·4	22·5		82		1·3		7	1	0	3	0	5	7	2	5
	0300		1004·3		1010·7	75·6	70·0	66·1	22·5		80		1·6		5	3	3	3	0	1	8	4	3
	1200		1002·5		1008·8	83·7	71·6	64·1	21·0		53		2·2		1	0	0	3	7	15	4	0	0
Pasni	0000	28	1007·7		1008·7	72·5	68·1	65·6	21·5		79		2·7		0	1	0	0	1	4	11	8	5
	0300		1009·5	+0·8	1010·5	74·8	69·8	66·8	22·6	—1·1	77	—4	2·7	+1·3	1	2	1	0	0	0	8	8	10
	1200		1007·4		1008·3	85·1	75·2	69·6	25·8		61		2·8		0	0	0	0	6	19	3	2	0
Ormara	0000	15	1007·6		1008·1	74·1	71·0	69·1	24·6		86		2·8		0	1	0	0	0	3	15	2	9
	0300		1008·7		1009·2	78·1	72·6	69·0	24·9	—0·8	75	—9	3·7	+1·9	0	0	1	0	0	1	12	1	15
	1200		1006·9		1007·4	86·6	74·7	68·8	23·9		55		2·3		0	0	0	1	1	7	20	0	1
Lasbela (R)	0000	292																					
	0300																						
	1200																						
FEDERAL CAPITAL AREA																							
Karachi (Manora)	0000	13	1008·3		1008·8	79·3	74·4	72·5	27·0		78		1·9		0	2	0	0	0	5	12	1	10
	0300		1009·6	+0·9	1010·1	80·8	76·1	74·0	28·6	+2·6	80	—3	2·5	—0·4	0	2	0	0	0	6	15	3	4
	1200		1007·3		1007·8	86·8	81·4	79·2	34·2		78		1·6		0	0	0	0	0	12	16	2	0
Karachi (Mauripur)	0000	52	1006·4		1008·2	73·8	69·2	65·9	22·3		79		1·4		3	0	0	0	0	0	5	12	10
	0300		1007·9		1009·7	76·4	70·0	65·6	22·1		71		2·7		3	2	0	0	0	0	9	11	5
	1200		1005·7		1007·5	86·1	72·7	64·4	21·3		49		1·4		1	0	0	0	0	10	17	2	0
Karachi (City)	0300	20	1008·8		1009·5	78·3	71·2	67·1	22·9		69		2·5		1	1	0	0	0	3	16	9	0
	1200		1006·3		1007·0	84·8	74·7	69·2	24·8		61		1·5		0	0	0	0	0	16	14	0	0
Karachi (PAF) (S)	0000	38																					
	0300																						
	1200																						
Karachi (Airport)	0000	73	1005·8		1008·4	72·7	68·3	65·6	22·1		79		1·3		0	0	0	0	0	2	11	2	15
	0300		1007·6		1010·2	76·8	69·7	64·7	21·6		69		2·7		1	0	0	0	0	6	9	3	11
	1200		1004·9		1007·4	88·4	71·9	60·9	19·3		41		1·2		0	0	0	0	2	22	5	1	0
HYDERABAD																							
Badin	0000	31	*			*	72·9	*					0·0		4	1	0	0	0	21	1	3	0
	0300		1009·8	+2·0	1010·9	74·1	70·9	68·7	24·4	+2·1	85	+19	0·0	—1·2	5	0	0	1	0	21	2	1	0
	1200		1007·3		1008·3	98·5	73·8	58·9	17·3		28		0·2		7	0	0	0	1	19	2	1	0
Nagarparker (R)	0000	178																					
	0300																						
	1200																						

(*) Data rejected. (S) Observations suspended. (R) Register not received.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL, 1960—Contd.

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 Geopotential of 850/700 mbs. pressure level in Gpm.	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									
HYDERABAD—Contd.																							
Umarkot	0000	55	1005·1		1007·1	69·3	64·2	60·8	18·2		75		0·9		1	0	2	0	14	7	0	0	6
	0300		1006·9		1008·9	75·9	69·4	64·8	21·6		71		1·4		0	0	2	1	11	11	0	1	4
	1200		1003·3		1005·2	99·7	75·1	60·1	18·6		29		1·9		1	0	0	0	2	9	10	8	0
Chhor	0000	19	1006·7		1007·4	66·5	60·7	55·4	15·7		69		0·8		0	0	0	0	0	4	0	0	26
	0300		1008·9		1009·6	73·4	66·5	57·5	19·0		67		1·3		1	1	0	1	0	11	2	0	14
	1200		1005·1		1005·7	98·6	69·9	48·0	13·3		20		2·0		1	0	0	0	0	13	10	4	2
Hyderabad	0000	98	1004·4		1007·8	72·0	64·1	57·2	16·9		63		1·7		0	0	0	0	3	14	3	0	10
	0300		1006·2	+3·2	1009·6	76·8	65·9	57·8	16·9	−0·6	53	+1	2·3	+1·1	2	2	0	1	2	12	3	0	8
	1200		1003·0		1006·3	97·0	67·2	41·3	9·3		15		3·1		2	4	0	1	7	10	3	2	1
KHAIRPUR																							
Padidan	0000	153	1001·8		1007·2	67·7	59·3	51·9	13·4		58		1·2		2	1	1	6	1	1	3	2	13
	0300		1003·7		1009·1	76·2	63·0	52·2	13·7		44		1·2		1	3	2	8	2	2	3	5	4
	1200		1000·6		1005·7	94·3	65·7	35·8	8·7		16		1·2		9	0	1	1	5	7	4	2	1
Nawabshah	0000	124	1003·1		1007·5	69·2	60·6	53·2	14·2		59		1·4		1	0	0	0	6	4	2	1	16
	0300		1005·3		1009·7	75·5	64·2	54·8	15·1		55		1·9		1	2	1	1	4	4	0	2	15
	1200		1002·7		1006·4	97·3	69·7	49·0	12·3		20		2·3		2	0	0	0	4	12	0	3	9
Sukkur	0300	221	1001·1	+0·5	1008·8	73·1	62·1	53·4	14·1	−1·2	51	0	2·0	+0·7	1	1	0	7	6	2	0	2	11
	1200		997·9		1005·3	94·6	70·3	53·6	14·3		26		2·8		3	2	2	3	3	7	4	3	3
Kashmore	0000	255	*			72·4	57·2	42·6	9·2		33		0·1		0	0	0	0	0	0	0	0	30
	0300		*			77·4	62·5	49·8	12·6		39		0·7		1	10	0	0	0	0	1	0	18
	1200		*			94·7	67·9	46·1	11·2		19		0·7		0	1	0	0	7	0	1	0	21
Jacobabad	0000	183	1000·8		1007·3	70·7	60·7	51·7	13·6		53		0·8		4	1	4	2	3	3	4	3	6
	0300		1002·9	+1·7	1009·6	76·6	63·9	53·8	14·6	−2·1	47	−1	2·4	−1·2	2	0	12	5	0	2	1	4	4
	1200		999·3		1005·5	95·7	72·2	55·8	16·3		29		2·8		4	0	4	3	5	1	7	3	3
JUNAGADH																							
Veraval	(x) 0000	26																					
	0300		1009·7		1010·7	(c) 78·0	68·0	(f) 62·2	18·9		58		0·0		15	4	3	0	0	0	2	3	3
	1200		1006·3		1007·3	(i) 82·5	76·5	(f) 73·7	28·5		75		0·0		2	1	2	0	(i) 0	1	8	8	0
AFGHANISTAN																							
Jalalabad (R)	0000	1950																					
	0300																						
	1200																						
ARABIA																							
Muscat (S)	0300	20																					
	1200																						
HILL STATIONS																							
KASHMIR																							
Srinagar (z)	0000	—																					
	0300																						
	1200																						

* Data defective. (x) Data not available. (R) Data not received. (S) Observations suspended. (c) Mean for 28 days. (f) Mean for 25 days. (i) Mean for 22 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL, 1960—Contd.

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.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
KASHMIR—Contd.																							
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	—																					
	1200																						
Sonamarg (x)	0300	—																					
	1200																						
Dras (x)	0300	—																					
	1200																						
Kargil (x)	0300	—																					
	1200																						
Leh (x)	0000	—																					
	0300																						
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	*		*	*	*	*	*		*		3·9		0	0	1	0	0	0	0	0	29
	0300		697·6		3076·8	33·9	31·2	27·2	5·1		77	—	4·2		0	0	1	0	0	0	1	0	28
	1200		695·0		3045·4	44·8	37·7	27·5	5·4		54		4·8		0	0	15	5	0	0	4	0	6
Aliabad (x)	0300	—																*					
	1200																						
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
RAWALPINDI																							
Murree	0000	7113	782·7		1481·3	47·8	40·2	29·2	5·7		52		3·8		0	4	5	9	0	2	1	9	0
	0300		784·2	+ 0·1	1491·6	52·1	42·3	29·4	5·7	— 1·4	42	—7	4·3	+ 1·2	2	4	7	8	0	1	3	3	2
	1200		783·9		1482·1	56·1	46·2	35·4	7·1		46		5·2		1	4	4	6	1	0	5	8	1
PESHAWAR																							
Drosh	0000	4806	854·8		1510·5	47·9	*	*	*		*		3·5		0	6	1	4	0	2	0	0	17
	0300		855·8	+ 0·9	1520·4	49·3	*	*	*		*		4·2	+ 1·1	0	2	4	2	1	0	0	0	21
	1200		853·2		1495·9	62·3	*	*	*		*		5·2		2	8	1	0	0	5	0	2	12
			(k)		(k)																		
Chenat	0000	4272	868·6		1481·2	55·3	46·3	33·5	7·1		47		2·4		23	2	0	1	4	0	0	0	0
	0300		869·0	+ 0·2	1485·9	57·2	48·2	36·2	7·9	— 1·1	49	— 5	2·8	+ 0·1	23	3	0	0	0	0	0	4	0
	1200		868·1		1480·7	65·4	52·9	38·9	8·7		40		3·2		22	0	0	4	2	0	0	2	0
Kakul	0000	4214	870·5		1480·3	53·9	47·1	39·1	6·4		57		3·3		6	9	2	0	1	1	3	8	0
	0300		871·5		1492·8	58·3	49·8	40·5	8·8		53		4·0		3	1	1	2	2	2	5	14	0
	1200		870·4		1484·7	66·0	53·7	41·2	9·2		41		4·3		3	2	1	2	6	3	5	8	0
Balakot (R)	0000	3226																					
	0300																						
	1200																						
Landikotal	0000	3503	892·4		1469·7	50·7	46·7	41·6	9·3		74		3·0		0	0	0	0	0	5	0	4	23
	0300		893·5		1486·5	58·2	50·3	41·4	8·9		56		3·0		0	0	0	1	0	4	0	4	21
	1200		892·2		1481·7	68·1	54·0	38·6	8·6		27		3·9		0	4	0	1	1	8	0	6	10

* Data rejected. (x) Data not available. (R) Register not received. (k) Based on 29 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF APRIL, 1960—Concld.

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.	%	%	oktas	oktas									
D. I. KHAN																							
Parachinar	0000	5673	826·5		1483·5	46·2	41·1	33·8	6·8		63		2·9		17	0	0	1	0	0	1	2	9
	0300		827·7	+1·8	1508·2	50·4	44·0	36·2	7·2	—1·2	57	—1	2·5	—0·4	2	0	3	1	1	1	3	3	16
	1200		826·9		1496·7	61·1	50·4	38·8	8·2		45		4·6		0	0	1	16	0	2	2	0	9
Miranshah	0000	3026	907·5		1465·3	54·0	49·3	44·4	10·1		73		1·3		0	5	0	0	0	0	0	0	25
	0300		908·5		1482·9	61·7	*	*	*		*		1·8	—0·3	0	0	0	0	0	0	0	1	29
	1200		906·9		1478·0	73·3	*	*	*		*		3·9		0	10	0	0	0	0	0	0	20
Wana	0300	4503	861·8		1487·6	54·5	48·1	40·2	8·8	—0·2	60	+1	1·5	—0·7	0	1	1	3	5	2	1	0	17
	1200		859·4		1466·6	69·4	53·1	32·5	7·3		28		3·1		0	2	7	7	5	5	3	0	1
HILL STATION QUETTA																							
Fortsandeman	0300	4614	859·8	+1·0	1500·6	54·5	*	*	*		*		2·6	+0·6	1	1	0	0	4	9	1	0	14
	1200		857·4		1480·7	73·5	*	*	*		*		4·8		1	3	1	1	5	11	2	4	2
Hindubagh	0000	5909	820·7		1501·1	*	*	*	*		*		0·0		0	0	0	0	0	1	4	3	22
	0300		822·4		1521·7	54·6	*	*	*		*		0·1		0	0	0	0	0	2	4	0	24
	1200		819·2		1483·2	65·1	*	*	*		*		2·1		0	2	0	2	0	8	12	2	4
Loralai	0000	4699	854·8		1478·1	51·0	45·2	37·7	8·0		62		1·8		0	0	0	0	0	2	19	4	5
	0300		855·1		1480·7	53·4	47·2	40·0	8·6		62		3·3		1	0	0	1	0	2	9	12	5
	1200		853·2		1463·0	72·2	56·7	42·5	9·4		35		4·8		1	1	0	4	2	12	1	8	1
Harnai	0300												*						*				
	1200												*						*				
Samungli	0000	5213	840·3		1492·0	46·2	42·7	38·9	7·8		76		2·8		0	2	3	4	1	2	3	2	13
	0300		841·4		1502·2	52·0	46·5	41·2	8·3		67		3·0		2	2	3	2	2	1	5	2	11
	1200		839·6		1481·5	67·7	54·1	40·9	8·2		42		4·7		3	1	0	4	2	4	8	8	0
Quetta	0300	5490	831·9	—0·9	1490·5	55·6	48·4	41·2	9·0	—0·1	60	—3	2·6	—0·5	1	3	0	0	5	0	1	1	19
	1200		830·5		1472·6	66·4	56·4	48·9	11·9		54		4·3		1	0	0	0	3	3	8	4	11
Chaman	0000	4311	867·5		1482·9	55·6	47·1	36·3	7·6		51		1·6		0	1	9	2	2	0	2	0	14
	0300		868·2	0·2	1490·7	57·8	47·9	36·2	7·3	—1·4	45	0	1·8	—0·6	2	0	15	4	5	2	0	0	2
	1200		866·3		1477·0	71·6	52·2	28·5	5·6		29		2·3		0	1	1	2	2	5	13	6	0
KALAT (North).																							
Kalat	0000	6616	799·2		1508·0	42·6	39·6	36·2	7·2		78		2·0		0	2	0	4	18	2	0	0	4
	0300		800·1	—0·5	1508·2	51·7	45·9	40·2	8·5	—0·5	64	8	2·5	—0·7	3	3	0	2	17	0	0	2	3
	1200		798·9		1486·3	61·7	51·1	41·6	8·9		49		2·4		5	1	1	1	4	3	5	10	0
Nushki	0000	3416	902·9		1547·6	60·3	50·9	40·9	8·5		50		1·8		0	2	24	0	0	0	0	0	4
	0300		903·4		1559·6	67·6	54·7	43·7	8·9		41		2·6		0	7	13	1	4	1	0	3	1
	1200		900·4		1541·7	79·5	57·4	37·4	6·2		21		4·1		1	3	1	2	2	6	4	11	0
Dalbandin	0000	2785	915·6		1471·5	58·9	51·3	43·7	9·9		58		2·4		1	11	3	1	0	0	0	0	14
	0300		917·2	+1·4	1489·9	62·4	53·4	44·8	10·3	+1·1	53	+8	3·4	+1·5	3	9	2	2	0	2	0	5	7
	1200		914·5		1487·7	82·5	59·7	37·8	8·3		22		5·1		1	3	2	5	4	7	1	6	1
KALAT (South).																							
Panjgur	0000	3177	904·3		1489·0	61·5	52·0	40·8	9·5		50		3·5		1	12	0	0	7	5	1	4	0
	0300		905·2	+2·1	1497·2	62·2	51·0	37·6	8·2	—4·4	43	—20	2·3	—1·0	6	15	0	0	1	5	2	1	0
	1200		902·9		1495·8	81·6	58·2	34·5	7·2		19		2·7		0	1	0	0	0	21	0	8	0
AFGHANISTAN.																							
Kabul (R)	0300	5955																					
	1200																						
Kandahar	0300	3462	895·1		1487·0	56·8	50·9	45·1	10·3		65		3·0		0	0	3	4	3	1	1	2	16
	1200		892·9		1479·0*	71·9	57·2	44·2	10·0		38		3·1		0	1	1	3	3	8	7	0	7

* Data rejected. (R) Register not received.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF APRIL, 1960.

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
CHITTAGONG																					
Rangamati	(m) 97·9		x		73·4		67	9,12	0·16		0·16	12	1		x		2	0	26	0	0
Cox's Bazar	90·4	+ 1·7	97	30	75·0	+ 1·6	70	15	0·00	—4·20	0·00		0	—4·2	4·3	+0·8	0	0	0	0	0
Chittagong (Patenga)	91·3		100	30	75·6		73	4 days	0·01		0·01	21	0		x		1	0	4	0	0
Chittagong	91·1	+ 2·3	103	30	76·0	+ 2·8	74	8 days	0·00	—5·93	0·00		0	—5·8	6·7	+ 0·1	0	0	1	0	0
Maijdi Court	92·7	3·7	104	30	76·6	+ 0·2	70	7	0·57	—4·90	0·52	11	1	—4·6	x		0	0	4	0	1
Comilla	96·6	+ 4·3	105	30	75·8	+ 2·5	70	7,12	1·48	—4·37	0·75	11	3	—3·5	x	0	5	0	1	0	0
Brahmanbaria	97·4	+ 4·3	106	30	74·4	+ 4·2	69	11,12	1·40	—5·07	0·70	21	3	—3·9	4·8		4	0	0	0	0
Srimongal	98·5	6·4	106	30	70·7	+ 1·4	63	6,7,8	1·74	—7·97	0·77	11	3	—6·9	x		8	1	0	0	0
Sylhet (P.B.O.)	95·5		102	30	72·3		64	8	1·50		0·76	24	3		x		9	0	0	0	0
DACCA.																					
Mymensingh	99·6	+ 8·5	106	30	73·6	1·9	66	8	1·03	—4·48	0·73	12	2	—5·1	1·3	—1·1	2	0	0	0	0
Naravanganj	97·3	4·9	106	30	76·3	2·3	69	12	2·18	+ 3·22	1·20	12	3	—3·7	4·5	+ 0·4	3	0	2	0	0
Dacca (Tejgaon)	90·4		108	30	75·5		69	6	1·85		1·10	12	2		8·5		6	0	1	0	1
Faridpur	100·9	+ 7·1	107	17	74·9	1·9	69	6,8,12	1·74	—2·93	1·18	24	2	—4·3	2·6	—3·6	2	0	0	0	0
Barisal	95·4	+ 3·4	106	30	77·0	1·9	72	7	0·53	—3·70	0·52	22	1	—4·3	x		1	0	3	0	0
RAJSHAHI.																					
Khulna	98·1	+ 3·9	105	30	77·3	+ 2·0	73	7,12	0·20	—2·71	0·20	12	1	—3·2	x		0	0	2	0	0
Satkhira	101·2	+ 4·2	108	30	77·1	+ 1·5	70	6,7	0·00	—2·93	0·00		0	—4·0	1·7	—1·4	0	0	0	0	0
Jessore	102·6	+ 6·0	108	17	75·2	+ 1·6	69	6,7	0·00	—3·53	0·00		0	—4·8	5·2	+ 2·4	0	0	0	0	0
Pabna	102·7	+ 5·9	108	18	74·1	+ 2·5	66	8	0·96	—1·59	0·96	12	1	—3·5	x		3	0	0	0	0
Seraiganj	101·9		109	18	72·0		63	5	0·26	—3·01	0·26	12	1	—3·8	3·3		2	0	0	0	1
Rajshahi									0·00	—1·65	0·00		0	—2·6			0	0	0	0	0
Bogra (P.B.O.)	102·7	+ 7·1	110	18	72·6	+ 1·1	61	5	0·01	—2·23	0·01	10	0	—3·3	3·4	+ 1·0	0	0	0	0	0
Dinajpur	102·1	+ 7·8	108	18,24	70·0	0	58	4	0·00	—2·14	0·00		0	—3·0	2·7	—0·4	0	0	0	0	0
Rangpur	99·3		105	5 days	69·5		57	4	0·22	—2·86	0·22	6	1	—3·4	3·5		0	0	0	0	0

(m) Observation for 10 days. x Data not available.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHR DURING THE MONTH OF APRIL, 1960—Contd.

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.																					
Jammu (x)																					
LAHORE.																					
Lahore (P.B.O.)	90·5	—4·0	100	14	63·3	+0·1	53	2	0·63	—0·06	0·48	19	1	—0·6	2·6	+0·6	5	0	0	0	0
Lahore (Cantt.)	90·6		99	14	62·8		49	10	0·25		0·16	19	1		(m) 4·1		5	0	0	0	0
Lahore (Walton)	91·4		100	14,30	61·6		49	10	0·41		0·29	19	1		5·1		4	0	0	0	0
Sialkot	90·0	—2·4	100	17	62·3	2·4	50	10	0·32	—0·68	0·32	19	1	—1·1	2·6	+0·7	0	0	0	0	3
RAWALPINDI.																					
Jhelum	89·1		99	30	60·4		48	10	0·89		0·60	19	1		3·0		8	1	0	0	1
Chaklala	82·6		93	30	55·8		44	10	1·54		1·00	19	3		6·0		11	1	0	0	0
Rawalpindi	82·3	—3·9	92	30	57·1	—2·2	45	10	2·94	+1·02	2·02	19	3	—1·1	(m) 3·9	+1·5	6	0	0	0	0
Khushab	90·7	—2·2	100	30	(b) 60·4	—6·3	51	10	0·70	—0·21	0·50	19	3	+0·9	3·9	—0·7	1	0	0	0	0
Sargodha (P.A.F.)	89·1		99	30	61·1		50	9	0·32		0·14	17,19	2		(x)		3	0	1	0	1
MULTAN.																					
Lyallpur	89·2	—3·7	98	30	61·0	—2·9	51	10	0·48	+0·01	0·25	19	2	+0·7	2·2	0·0	4	0	0	0	3
Montgomery	91·9	—3·8	100	30	62·1	—4·5	53	11	0·31	—0·03	0·13	19	2	+1·1	1·6	—1·7	3	1	0	0	0
Multan (P.B.O.)	93·0		104	30	63·3		53	10	0·09		0·05	22	0		3·5		6	0	0	0	2
Multan (Surface)	93·2	—2·1	104	30	66·1	—1·4	57	10	0·00	—0·27	0·00	—	0	—0·8	2·8	—1·1	4	0	0	0	4
BAHAWALPUR																					
Leiah (R)																					
Khanpur (Surface) (R)																					
Khanpur (P.B.O.)	95·6		108	30	62·3		52	2	0·15		0·15	19	1		3·7		1	0	0	0	0
Bahawalpur	94·4	—2·0	105	30	64·9	—0·5	57	1	0·20	+0·02	0·20	22	1	+0·5	2·2	—0·4	0	0	0	0	0
Fort Abbas	96·9		106	30	60·3		50	18	0·00		0·00		0		(b) 3·6		0	0	0	0	0
PESHAWAR.																					
Chakdara	76·1		90	30	52·0		42	10	7·69		2·26	19	8		(x)		1	0	0	0	0
Peshawar	80·6	—4·6	93	30	56·7	—3·8	48	1	3·02	+1·26	1·53	19	6	+2·2	3·2	+1·3	10	0	0	0	1
Risalpur	82·3		95	30	53·3		40	10	3·18		1·82	19	6		5·4		9	1	0	0	0
Haripur	80·2		92	30	55·7		47	9,10	1·69		0·86	19	3		6·0		3	0	0	0	0
Campbellpur (R)																					
D. I. KHAN.																					
Kohat	(h) 81·8		96	30	(g) 61·0		56	19,20	(x)						5·1		3	1	0	0	1
Bannu	83·0	—5·4	96	30	59·8	—2·3	50	10	4·79	+3·81	3·89	18	3	+0·5	2·8		6	1	0	0	1
D. I. Khan	89·1	—3·5	100	30	62·2	—3·0	53	10	0·63	—0·06	0·60	24	1	—0·7	1·9	+0·2	0	0	0	0	0
Mianwali	86·5		99	30	59·6		49	10	4·19		0·76	19	2		(x)		0	0	0	0	0

x Data not available. (R)—Register not received. (b) Mean for 29 days. (g) Mean for 24 days. (h) Mean for 23 days. (m) Mean for 18 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF APRIL, 1960—Contd.

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.	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
QUETTA.																					
Sibi	96·5	—1·2	107	30	68·8	—1·3	63	1	0·13	—0·02	0·05	17	0	—0·4	(b) 2·5	—0·8	0	0	0	0	0
KALAT (North).																					
Nokkundi	(c) 87·8	—2·4	103	30	62·4	—0·7	52	1	0·00	—0·35	0·00		0	—0·4	x		0	0	0	0	0
KALAT (South).																					
Turbat	97·9		109	8	x				1·66		0·90	21	3		x		0	0	0	0	0
Jiwani	88·0		96	8	70·4		61	16	1·70		1·63	16	1		7·3		3	0	0	0	2
Pasni	91·0	+0·3	99	30	69·6	+1·8	63	16	0·16	—0·24	0·16	16	1	+0·5	8·1	+1·5	0	0	0	0	0
Ormara	92·0	+2·4	100	9	71·8	—1·3	62	17	0·15	—0·45	0·15	17	1	+0·2	9·5	—0·1	1	0	0	0	0
Lasbela (R)																					
FEDERAL CAPITAL AREA.																					
Karachi (Manora)	91·0	+5·6	106	9	77·6	+3·4	72	2.18	0·00	—0·15	0·00		0	—0·2	x		0	0	0	0	0
Karachi (Mauripur)	90·2		103	9	72·1		64	1,2	0·00		0·00		0		6·6		0	0	0	0	0
Karachi (City)	90·3		104	9	69·9		62	2.18	0·00		0·00		0		5·8		0	0	0	0	0
Karachi (PAF) (S)																					
Karachi (Air Port)	93·2		104	9	70·9		63	1,2	0·00		Tr	17	0		7·5		0	0	0	0	0
HYDERABAD.																					
Badin	101·3	+0·9	109	30	69·5	—0·6	63	3	0·00	—0·00	0·00		0	—0·0	x		0	0	0	0	0
Nazarparker (R)																					
Umarkot	101·1		108	8,29,30	66·9		59	6	0·00		0·00		0		4·2		0	0	0	0	0
Chhor	100·4		107	30	64·1		54	3,6	0·03		0·03	24	0		2·7		1	0	0	0	0
Hyderabad	100·4	—1·4	109	30	71·0	—0·9	65	3	0·00	—0·07	0·00		0	—0·2	4·9	—0·7	0	0	0	0	1
KHAIRPUR.																					
Padidan	99·0		109	30	65·4		55	2	0·10		0·10	21	1		4·9		0	0	0	0	0
Nawabshah	100·0		108	29,30	67·0		58	3	0·22		0·22	23	1		3·9		1	0	0	0	1
Sukkur	95·9	—2·3	106	30	68·0	—0·4	61	2	0·00	—0·10	0·00		0	—0·4	3·1	—0·5	0	0	0	0	0
Kashmore	96·6		104	29	*	*			0·00		0·00		0		5·5		0	0	0	0	0
Jacobabad	97·1	—2·5	107	30	69·2	—1·5	64	4 days	0·02	—0·15	0·02	18	0	—0·5	5·1	+0·4	2	0	0	0	1
JUNAGADH.																					
Veraval	(g) 91·3				(m) 70·2				0·00		0·00		0		x		0	0	0	0	0
AFGHANISTAN.																					
Jalalabad (R)																					
ARABIA.																					
Muscat (S)																					
HILL STATIONS KASHMIR.																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonemarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Mirpur	49·2		61	30	27·5		17	10	0·59		0·28	16	1		2·8		0	0	0	0	0

(x) Data not available. (*) Data rejected. (R) Register not received. (S) Observation suspended. (b) Mean for 29 days. (c) Mean for 28 days. (g) Mean for 15 days. (m) Mean for 18 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF APRIL, 1960—Concld.

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.																					
Aliabad (x)																					
Gilgit (x)																					
RAWALPINDI.																					
Murree	59·2	—6·1	69	30	45·3	—1·6	36	9	3·18	—0·95	1·02	19	8	+0·9	8·2	+3·0	11	0	0	0	0
PESHAWAR.																					
Drosh	64·8	—4·1	80	30	45·2	—3·2	39	19	8·70	+4·62	1·98	19	9	+0·9	4·0	—1·4	4	0	0	0	0
Cherat	68·5	—3·6	82	30	51·8	—4·0	44	19	5·42	+2·64	3·06	19	7	+2·3	9·1	+2·0	1	0	0	0	0
Kakul	71·5		82	30	52·0		44	9	5·35		1·55	20	7		(x)		12	4	0	0	0
Balakot (R)																					
Landikotal	69·7		84	30	49·0		37	10	5·01		2·96	19	5		3·1		6	0	1	0	0
D. I. KHAN.																					
Parachinar	66·2	—2·5	77	27,30	43·5	—3·4	35	6	10·73	+6·70	3·50	19	10	+1·3	3·8	+1·4	0	0	0	0	0
Miranshah	75·3	—3·0	87	30	53·3	—3·9	47	2	3·37	+1·74	2·32	19	3	+0·9	3·9	—0·6	0	0	0	0	0
Wana	72·8	—3·9	84	30	47·4	—2·2	41	1,10	3·29	+1·92	1·21	19	7	+3·2	3·1		11	3	0	0	0
HILL STATIONS QUETTA.																					
Fortsandeman	76·2	—4·1	89	30	*				2·28	+1·34	0·71	18	6	+0·9	x		0	0	0	0	0
Hindubagh	73·2		84	25	51·7		43	19	2·05		0·90	16	6		6·3		0	0	0	0	0
Loralai	75·0		85	30	47·3		39	9	1·19	+0·24	0·84	18	3	+0·6	3·8		3	0	0	0	0
Harnai									0·25	—0·50	0·10	5	1	—0·9	x		0	0	0	0	0
Samungli	70·1		84	30	43·4		32	1,2	1·27		0·74	17	2		5·4		7	0	1	0	3
Quetta	69·2		85	30	44·3		34	2	1·56		0·93	17	3		2·6	—0·2	1	0	0	0	0
Chaman	74·7	—3·9	92	29	51·7	—4·3	40	9	1·43	+0·66	0·40	16	6	+4·0	x		0	0	0	0	0
KALAT (North).																					
Kalat	66·9	—4·1	80		41·2	—2·3	29	1	1·82	+1·26	0·75	22	4		x		1	2	0	0	0
Nushki	81·5		100		58·8		50	9	1·37		1·37	17	1		x		0	0	0	0	2
Dalbandin	84·5	—4·7	99		57·1	—0·8	46	18	1·03	+0·73	0·46	16	3	+2·3	4·2	—0·1	9	0	0	0	1
KALAT (South).																					
Panjgur	81·5	—7·0	93		56·5	—2·7	46	23	0·29	—0·10	0·24	16	1	+0·2	x		0	0	0	0	1
AFGHANISTAN.																					
Kabul (R)																					
Kandahar	75·9		91	30	50·6		40	9	2·05		0·78	17	5		(b) 1·4		8	0	0	0	1

(*) Data rejected. (x) Data not available. (R) Register not received. (b) Mean for 29 days.

Regd. No. S-1452.

PAKISTAN WEATHER REVIEW 1960.

Monthly Weather Report

May.

PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN.

Chief Features—1. Formation of a deep depression in the North Bay of Bengal during the fourth week and its subsequent movement across the northern parts of East Pakistan causing widespread rain with locally heavy falls on 28th & 29th.

2. Ten western disturbances of low pressure wave affected weather in West Pakistan.

3. Heatwave along the coastal districts of West Pakistan during the second and the fourth weeks.

West Pakistan.—In association with the passage of three western disturbances across Russian Turkistan and a secondary which affected the northern parts of West Pakistan during the first week, local to fairly widespread thunder-rain occurred practically throughout the northern half of the region between the 3rd and the 4th in Peshawar division on the 5th. Scattered thunderstorms/showers also occurred in Quetta, D. I. Khan, Peshawar and Rawalpindi divisions on other days of the week.

Four western disturbances moving in close succession influenced the weather over the region during the third week. They caused fairly widespread thunder-rain in the Peshawar, D. I. Khan, and Quetta divisions on the 17th & 18th and scattered dust or thunderstorm sporadically over West Pakistan outside the Hyderabad division and the Federal Capital Area.

Towards the end of the month a western disturbance moved across East Russian Turkistan, while its secondary moved across Multan division. They caused scattered dust or thunderstorms over the northern half of West Pakistan between the 27th and the 29th.

During the rest of the month the weather was dry except on the 23rd and the 26th when a few dust or thunderstorms were reported from D. I. Khan, Peshawar and Lahore Divisions in association with the passage of low pressure waves across the north of the region.

Under the influence of a well marked low which formed off Malabar coast on the 10th and a trough of low which developed off Kanara coast on the 21st unusually hot weather was experienced in South Kalat and Hyderabad divisions and the Federal Capital Area towards the middle of the second week and practically throughout the fourth week. Temperatures as high as 111°F were recorded at Karachi Airport on the 11th and again on the 24th while Lasbela recorded a maximum temperature of 120°F on the 22nd.

Chief amounts of rainfall recorded during the month were Rawalpindi 1" on the 4th and Murree and Bannu 1" each on the 18th. The total rainfall during the month was normal in D. I. Khan and Khairpur Divisions, in slight defect in Peshawar Division, in moderate defect in Quetta Division and in large defect elsewhere. Averaged over the region as a whole, it was in moderate defect.

The mean maximum temperature was normal over the region outside Federal Capital Area and Hyderabad Division where it was above normal. The mean minimum temperature was normal in Lahore, Peshawar, D. I. Khan and Quetta Divisions and Federal Capital Area and below normal elsewhere.

The mean relative humidity was in excess in Bahawalpur Division, normal in Lahore, Rawalpindi, Multan, D. I. Khan and Hyderabad Divisions and in defect elsewhere.

The mean cloud amount was in excess in Khairpur Division, normal in Quetta and Kalat Divisionsand in defect over rest of the region.

East Pakistan.—Under the influence of low pressure area bordering East Pakistan, local to fairly widespread thunderstorm or showers occurred in Dacca and Chittagong divisions and scattered in Rajshahi division on the 4th. Thereafter, in association with frequent passage of westerly low pressure wave across the region scattered to local rain/thundershowers continued to occur over there till the 19th except on the 15th, 17th and 18th when these were fairly widespread in Dacca and Chittagong divisions.

Incursion of moist air over East Pakistan became well marked on the 20th and continued to be so during the next three days when fairly widespread rain with locally moderate to heavy falls occurred throughout the region on these days and scattered to local rainfall between the 24th and the 25th. The heavy rains in Rajshahi division were accompanied by some violent squalls which uprooted trees and caused considerable damage to property as reported by newspapers.

Conditions became unsettled in West central and adjoining north Bay of Bengal on the 24th. A depression formed over there on the following day centered at 0300 GMT within one degree of latitude 18°N and longitude 89°E. It moved slowly in a northerly direction and gradually concentrated into a deep depression by the morning of 28th. It crossed coast the same morning and was centred at 0300 GMT near Khulna. Continuing to move northwards it weakened into a low by the 30th and moved away northeastwards across Assam. In its association widespread rain with locally moderate to heavy falls occurred throughout the region between the 28th and the 29th, local to fairly widespread on the 26th, 27th and the 30th and scattered in Rajshahi and Chittagong divisions on the 31st.

Outstanding amounts of rainfall during the month were: Cox's Bazar 7", Faridpur 6", Dacca 5" and Comilla and Narayanganj 3" each on the 21st, Satkhira 5" on the 22nd, Dacca 4" and Khulna and Sirajganj 3" each on the 23rd, Comilla 6", Dinajpur 4" and Sirajganj and Rangpur 3" each on the 29th and Rangpur 3" on the 30th.

The total rainfall during the month was in slight excess in Rajshahi Division, normal in Dacca Division and in slight defect elsewhere. Averaged over the region as a whole it was normal.

The mean maximum and mean minimum temperatures were above normal over the whole region. The mean relative humidity and the mean cloud amount were normal everywhere except in Chittagong Division where the mean relative humidity was in defect.

Table I contains the Divisional means of rainfall, temperature, humidity and cloud for the 15 political 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 MEANS FOR MAY, 1960.

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
	"	"	"		°	°	Mb.	%	
EAST PAKISTAN.									
Chittagong	9·62	12·43	−2·81	−23	+3·5	+3·0	+0·7	−6	+0·4
Dacca	10·40	9·99	+0·41	+4	+3·6	+2·5	+0·9	−2	+0·5
Rajshahi	8·82	7·80	+1·02	+13	+3·5	+2·4	+0·4	−5	−0·3
Mean	9·53	9·88	−0·35	−4	+3·5	+2·6	+0·6	−4	+0·2
WEST PAKISTAN.									
Kashmir *									
Lahore	0·33	0·79	−0·46	−58	+1·5	+0·5	−0·1	−1	−0·3
Rawalpindi	0·72	1·54	−0·82	−53	+0·3	−2·1	−0·7	−1	−0·5
Multan	0·06	0·37	−0·31	−84	+0·9	−2·8	−3·0	−4	−0·4
Bahawalpur	0·00	0·18	−0·18	−100	+1·4	+2·0	+1·7	+12	−0·4
Peshawar	1·12	1·44	−0·32	−22	+0·8	−0·6	−1·2	−7	−0·5
D. I. Khan	0·99	1·05	−0·06	−6	+0·5	−1·1	+0·9	+1	−0·4
Quetta	0·31	0·46	−0·15	−33	0·0	−1·5	−2·7	−12	−0·2
Kalat	0·01	0·07	−0·06	−86	−1·0	−2·3	−4·4	−14	−0·1
Federal Capital Area	0·00	0·06	−0·06	−100	+2·6	+0·5	−2·1	−10	−0·7
Hyderabad	0·00	0·20	−0·20	−100	+2·1	−2·3	−1·8	+3	−0·4
Khairpur	0·15	0·14	+0·01	+7	−0·9	−3·5	−5·5	−9	+0·1
Mean	0·25	0·43	−0·18	−42	+0·3	−1·9	−2·3	−6	−0·3
Junagad *									

(*) Data incomplete.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1960.

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 Geopotential of 850/700 mbs pressure Level in Gpm.	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
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.	oF	oF	oF	Mb.	Mb.	%	%	oktas	oktas								
CHITTAGONG																						
Rangamati	0000	208	998·3		1005·5	78·0	75·7	74·6	29·3		89		4·4		4	0	0	1	19	1	0	2
	0300		999·7		1006·8	86·8	78·0	73·9	28·7		66		3·3		5	0	0	6	16	2	1	0
	1200		995·6		1002·7	86·2	77·3	73·0	27·9		65		2·9		0	0	1	2	21	7	0	0
Cox's Bazar	0300	38	1005·0	−0·8	1006·3	87·4	80·5	77·6	32·4	+1·0	72	−6	4·0	−0·4	0	0	1	6	12	8	3	1
	1200		1001·7		1003·0	85·1	80·6	78·6	33·6		81		3·5		0	0	0	3	13	9	5	1
Chittagong (Patenga)	0000	20	1003·7		1004·4	79·7	77·5	76·5	31·3		90		4·3		1	1	3	19	2	2	0	0
	0300		1005·4		1006·1	87·1	79·9	76·9	31·6		72		4·6		0	1	3	14	9	3	0	0
	1200		1001·7		1002·4	86·5	79·9	77·2	31·8		74		3·9		0	0	0	5	11	12	2	0
Chittagong (P.T.)	0300	46	1004·5	−1·1	1006·1	86·6	78·6	75·3	29·7	−0·7	69	−8	4·3	−0·1	1	1	1	14	10	2	1	0
	1200		1000·9		1002·4	84·9	78·9	76·7	30·9		75		4·4		0	0	0	5	11	13	2	0
Maijdee Court	0000	25	1003·2		1004·1	80·4	78·1	77·4	31·9		90		3·4		1	0	0	2	11	0	0	0
	0300		1004·6	−1·2	1005·5	87·1	80·1	77·3	31·9	+0·1	72	−7	4·4	+0·5	0	0	0	1	15	2	0	1
	1200		1000·8		1001·7	85·9	80·1	77·6	32·5		76		4·4		0	0	0	2	22	4	1	0
Comilla	0000	29	1002·8		1003·8	79·7	77·4	76·3	31·1		89		3·4		0	0	0	0	12	1	0	1
	0300		1003·7	−2·0	1004·7	87·1	80·4	77·1	32·4	+1·4	74	−1	5·1	+1·3	0	0	0	0	19	0	0	0
	1200		1000·0		1001·0	87·7	80·5	77·1	32·3		73		4·0		0	0	0	0	18	0	0	0
Brahman Baria	0000	32	1002·9		1004·0	79·7	77·7	76·9	31·6		91		4·9		0	1	2	3	11	0	1	0
	0300		1004·3		1005·4	86·1	79·5	76·7	31·4	+2·5	74	−1	4·4		0	2	3	3	12	7	0	1
	1200		1000·2		1001·3	87·0	79·4	76·1	30·8		71		4·0		2	0	0	3	15	2	2	3
Srimangal	0000	69	1002·1		1004·5	77·8	75·4	74·2	28·9		59		5·0		0	0	0	0	0	0	0	0
	0300		1003·5	−1·2	1005·8	84·7	77·3	73·8	28·7	−0·2	70	−11	4·8	+0·6	0	1	3	4	4	5	0	0
	1200		998·6		1000·9	88·2	77·3	72·4	27·0		59		4·6		0	1	1	3	2	3	0	0
Sylhet (P.B.O.)	0000	115	1000·2		1004·2	75·5	74·1	73·3	28·1		93		5·7		0	2	13	1	1	2	0	1
	0300		1001·8		1005·7	81·7	77·3	75·3	30·0		81		5·3		0	3	17	0	1	2	2	0
	1200		996·9		1000·8	85·2	78·8	76·4	30·7		73		4·6		2	4	3	2	0	1	1	0
DACCA																						
Mymensingh	0000	62	1001·7		1003·8	78·0	75·6	74·5	29·1		89		4·9		0	0	2	21	0	0	0	0
	0300		1003·2	−1·6	1005·3	83·9	78·4	75·9	30·6	+2·0	77	−2	5·7	+0·5	0	0	1	25	0	0	2	1
	1200		998·1		1000·2	90·8	79·2	73·9	28·8		59		4·0		0	0	3	13	1	2	5	0
Narayanganj	0000	26	1002·6		1003·5	80·0	77·7	76·7	31·4		90		5·0		0	1	7	8	12	1	0	0
	0300		1003·9	−1·6	1004·8	86·0	79·6	76·9	31·7	+0·9	74	−3	5·9	+1·1	0	2	4	4	13	5	1	0
	1200		999·9		1000·8	86·6	78·5	74·4	29·6		69		4·7		1	1	2	4	16	1	3	0
Dacca (Tejgaon)	0000	27	1001·8		1002·7	79·3	77·0	75·9	30·6		90		5·8		0	0	5	6	12	5	0	0
	0300		1003·3		1004·2	85·8	79·1	76·3	31·0		73		5·7		0	1	4	3	12	10	0	1
	1200		999·1		1000·0	86·5	78·3	74·7	29·3		68		4·9		0	1	0	8	15	3	1	0

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1960.—*Contd.*

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 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	oktas									
DACCA—contd.																							
Faridpur	0000	46	1001·6		1003·2	79·5	77·2	75·0	30·8		90		4·6		0	0	1	12	13	1	0	0	4
	0300		1002·8	—1·5	1004·4	85·9	79·4	76·6	31·4	+ 0·1	74	—3	4·1	0	0	0	2	7	19	2	0	0	1
	1200		998·9		1000·5	87·3	78·8	74·9	29·7		67		4·4		0	0	0	11	14	3	0	0	3
Barisal	0000	11	1003·0		1003·4	80·8	78·8	78·3	32·7		91		3·3		1	0	0	5	11	0	0	0	14
	0300		1004·6	—1·2	1005·0	87·7	81·0	78·3	33·1	+ 0·8	74	—1	4·7	+ 0·2	2	0	1	10	12	0	1	0	5
	1200		1000·8		1001·2	87·4	80·6	78·0	32·6		73		4·4		0	0	0	9	17	1	0	0	4
RAJSHAHI.																							
Khulna	0000	16	1002·6		1003·1	81·7	79·1	78·2	32·7		89		3·8		0	2	2	1	13	1	0	0	12
	0300		1004·0	—1·2	1004·5	86·7	80·8	78·4	33·2	+ 1·5	76	+ 1	4·4	—0·7	0	2	1	5	13	7	0	0	3
	1200		1000·5		1001·0	87·2	80·0	77·1	31·7		72		3·3		0	0	0	5	13	4	0	0	9
Satkhira	0000	16	1001·7		1002·3	81·1	78·6	77·5	32·3		89		4·1		0	0	0	0	4	2	0	0	23
	0300		1003·5	—1·3	1004·1	88·5	80·6	77·3	32·1	— 0·1	69	—5	4·0	0	0	0	0	0	12	8	0	0	10
	1200		1000·2		1000·7	88·0	79·1	75·1	29·9		65		4·2		0	0	0	1	13	5	0	0	12
Jessore (P.T.)	0000	26	1001·0		1001·9	80·3	78·1	77·3	31·9		90		4·0		0	4	2	3	16	5	0	0	1
	0300		1002·7	—2·1	1003·6	86·6	80·5	77·8	32·8	+ 1·0	76	—1	3·9	—0·4	0	2	3	5	13	8	0	0	0
	1200		999·7		1000·6	88·2	78·8	74·6	29·4		64		4·7		1	1	4	0	23	0	1	1	0
Patna	0000	48	1000·2		1001·8	78·7	76·7	76·1	30·4		91		4·3		1	6	0	10	8	1	0	1	4
	0300		1001·7		1003·3	85·6	79·2	76·4	31·2	0	73	—6	3·9		1	0	2	12	11	4	0	1	0
	1200		997·3		998·9	90·0	77·8	71·1	27·0		57		4·7		0	0	4	6	6	5	2	3	5
Sirajganj	0000	51	1000·8		1002·5	78·0	75·5	74·5	29·0		89		5·1		0	0	5	5	9	0	0	1	21
	0300		1002·2		1003·9	85·1	79·4	77·0	31·7		77		5·3		0	4	3	4	11	4	0	0	5
	1200		997·6		999·3	90·1	78·1	71·6	27·4		57		4·5		0	3	2	2	9	2	1	0	12
Rajshahi	0300												4·6										
Bogra (P.B.O.)	0000	55	1000·2		1002·4	78·6	75·9	74·6	29·2		88		5·2		0	0	10	5	4	4	1	0	7
	0300		1001·7	—2·0	1003·9	85·4	78·3	75·0	29·9	+ 1·1	72	—5	5·0	+ 0·7	0	1	9	9	5	5	1	1	0
	1200		996·8		999·0	91·9	77·4	68·7	25·5		50		4·1		0	0	5	2	5	5	3	1	5
Dinajpur	0000	123	997·7		1001·9	77·0	72·6	70·1	25·3		80		3·3		0	2	7	0	0	0	0	0	22
	0300		999·0	—2·6	1003·2	85·9	76·2	71·3	26·5	— 1·1	62	—15	3·5	—1·1	0	0	9	0	0	0	1	0	21
	1200		994·5		998·6	92·3	75·9	65·6	23·1		44		2·0		0	0	8	0	0	0	3	0	20
Rangpur	0000	113	999·0		1002·9	76·4	73·6	71·9	27·1		87		4·5		2	6	9	4	2	0	0	0	8
	0300		1000·6		1004·4	84·7	77·7	74·5	29·2		72		4·3		3	11	8	6	9	1	1	1	0
	1200		995·3		999·3	90·8	78·2	71·7	27·1		55		3·1		2	7	4	2	0	2	5	2	7

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1960.—*Contd.*

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 Geopotential of 850/700 mbs. pressure Level in Gpm.	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.																							
Jammu (x)	0300	1200																					
	1200																						
LAHORE.																							
Lahore (P.B.O.)	0000	702	976·5		1000·6	74·5	63·6	55·7	15·1		52		1·5		1	1	1	2	1	0	1	2	22
	0300		977·8	—1·0	1001·5	86·0	67·9	55·4	15·2	—0·3	36	0	0·9	—0·6	3	3	1	3	1	0	2	4	14
	1200		975·1		998·0	102·8	71·4	48·4	12·0		17		1·1		1	1	1	1	1	4	8	8	6
Lahore (Cantt.)	0000	703	975·8		999·9	75·3	62·8	53·1	13·9		46		1·2		4	0	2	3	0	0	5	4	13
	0300		977·3	...	1000·9	87·1	66·7	51·1	13·2	...	30	...	0·9	...	3	4	5	2	2	2	6	5	2
	1200		974·4		997·4	102·3	70·0	43·7	10·4		14		1·0		3	0	1	2	0	3	9	12	1
Lahore (Walton)	0000	699	976·1		1000·2	72·9	63·3	56·3	15·5		57		1·3		1	1	3	3	1	0	2	9	11
	0300		977·6	...	1001·1	86·8	68·2	55·3	15·1	...	35	...	1·0	...	4	2	3	6	3	2	2	7	2
	1200		974·8		997·6	102·3	71·9	50·3	12·9		18		1·0		0	1	0	3	2	2	5	18	0
Sialkot	0000	830	*		*	*	*	*	...		...		0·5		0	2	0	0	0	0	0	3	26
	0300		(a) 973·4	—1·3	(a) 1001·1	(a) 86·1	(a) 68·2	(a) 55·4	15·5	+0·2	36	—2	1·1	—0·1	0	6	0	3	0	0	0	2	(a) 19
	1200		970·5		997·5	99·8	73·6	57·3	16·5		26		0·6		0	3	0	0	0	0	0	3	(c) 20
RAWALPINDI.																							
Jhelum	0000	765	974·1		1000·5	72·9	61·5	51·7	13·5		49		1·5		0	2	0	2	1	1	1	9	15
	0300		975·6	...	1001·5	85·5	65·9	49·9	12·9	...	31	...	1·3	...	1	6	0	3	1	1	2	11	6
	1200		972·3		997·3	101·3	69·8	43·0	10·6		15		1·5		1	0	0	5	3	9	2	11	0
Chaklala	0000	1667	945·7		1002·6	69·7	58·7	49·8	12·4		51		1·7		3	3	1	0	0	1	0	3	20
	0300		946·7	...	1002·3	81·8	64·1	51·5	13·3	...	36	...	1·2	...	2	6	2	1	0	0	3	4	13
	1200		944·6		998·5	95·6	67·3	45·6	11·3		20		1·5		0	1	0	0	4	1	13	9	3
Rawalpindi	0000	1676	945·3		1002·4	69·8	58·9	50·5	12·6		51		1·6		9	2	1	0	0	0	3	5	11
	0300		946·5	—1·0	1002·1	83·6	64·3	50·6	12·7	—1·5	33	0	1·4	—0·3	3	6	3	0	2	1	4	5	7
	1200		944·0		998·3	95·4	67·8	47·8	12·0		21		2·2		2	0	1	2	0	5	11	5	5
Khushab	0000	616	*		*	*	*	*	...		...		0·8		2	1	5	0	1	0	0	0	22
	0300		981·0	—1·2	1001·9	84·3	67·7	55·7	15·6	+0·9	39	+5	0·4	—0·9	2	1	6	0	1	0	0	0	21
	1200		978·2		998·3	102·9	72·6	50·9	13·6		19		0·4		3	4	10	0	1	0	1	0	12
Kargodha (P.A.F.)	0000	617	979·4		1000·3	74·3	64·5	51·0	16·2		55		1·4		2	7	2	1	0	1	1	1	16
	0300		980·9	...	1001·4	85·1	70·2	60·4	18·3	...	44	...	1·2	...	6	4	4	4	2	0	3	3	5
	1200		978·2		998·0	101·4	73·2	52·7	14·8		22		1·8		5	3	2	3	2	3	3	9	1

(*) Data rejected. (a) Mean for 30 days. (c) Observations for 26 days. (x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1960.—*Contd.*

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 stand'd temperature and M.S.L. or Geopotential of 850/700 mbs. pressure Level in Gpm.	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.	oF	oF	oF	Mb.	Mb.	%	%	oktas	oktas									
MULTAN.																							
Lyallpur	0000	605	979·7		1000·5	73·5	62·9	54·5	14·8		53		0·5		2	0	0	0	0	1	0	4	24
	0300		980·8	—1·3	1001·4	81·2	66·3	55·7	15·5	+1·1	43	+7	1·1	—0·8	2	2	1	1	1	2	4	3	15
	1200		978·6		998·5	101·5	71·3	49·6	12·6		18		0·9		2	1	2	1	3	2	7	7	6
Montgomery	0000	558	981·1		1000·4	73·3	62·0	53·0	14·5		49		0·0		0	0	0	3	0	2	0	0	26
	0300		982·7	—0·8	1001·5	84·0	67·4	56·0	15·4	—5·7	39	—11	0·2	—0·7	0	1	0	7	2	4	2	2	13
	1200		980·1		998·3	102·4	71·8	48·7	12·8		18		0·4		0	1	0	2	0	0	2	2	24
Multan (P.B.O.)	0000	404	986·3		1000·3	76·2	62·7	51·8	13·3		43		1·1		4	0	0	3	4	3	0	1	16
	0300		988·0	...	1001·7	86·2	66·5	50·9	13·3	...	31	...	0·8	...	7	3	1	2	3	5	1	3	6
	1200		984·9		998·0	105·1	69·5	38·2	8·6		11		1·0		4	1	1	3	9	10	2	1	0
Multan (Surface)	0300	413	987·3	—1·2	1001·4	85·2	68·1	55·9	15·7	—4·4	38	—9	1·2	+0·4	5	1	0	0	5	5	1	3	11
	1200		984·2		997·7	104·7	72·0	48·7	12·0		16		1·0		3	1	2	0	8	5	4	3	5
BAHAWALPUR.																							
Leiah (R)	0000	487																					
	0300																						
	1200																						
Khanpur (Surface) (R)	0300	297																					
	1200																						
Khanpur (P.B.O.)	0000	290	990·4		1000·5	75·4	65·1	57·6	16·5		55		0·5		3	5	0	0	2	8	3	3	7
	0300		992·0	...	1001·9	85·6	71·2	62·2	19·6	...	47	...	0·4	...	3	2	1	0	0	10	7	0	8
	1200		98o·7 (d)		998·3 (d)	106·5	77·2	59·8	18·4		23		0·5		2	0	0	1	1	4	12	4	7
Bahawalpur	0300	384	989·1	0·0	1002·1	82·4	72·1	64·0	22·2	+1·7	58	+12	0·7	—0·4	2	2	1	1	9	6	3	2	5
	1200		986·4		998·7	106·5	82·5	72·3	27·0		34		0·5		4	1	0	0	1	11	3	8	3
Fort Abbas	0000	475	984·4		1000·8	76·7	61·6	47·8	11·9		39		0·2		0	1	2	6	3	6	5	0	8
	0300		985·9	...	1001·9	90·0	67·7	49·5	13·1	...	27	...	0·0	...	4	0	1	4	6	7	7	0	2
	1200		982·6		998·2	106·6	73·2	48·0	12·6		16		0·1		6	2	1	1	0	3	12	4	2
PESHAWAR.																							
Chakdara	0000	2197	927·9		1002·2	67·5	57·1	47·3	11·7		51		1·6		0	11	1	5	0	0	7	2	5
	0300		928·9	...	1002·8	72·2	59·1 (c)	48·5	11·8	...	44	...	1·5	...	0	5	0	13	0	0	3	0	10
	1200		926·0		997·1	90·6	66·5	50·9	12·8		26		2·1		0	1	0	4	0	2	16	0	8
Peshawar	0000	1177	962·4		1002·7	70·6	59·0	48·1	11·9		47		1·3		1	0	0	2	9	6	0	1	12
	0300		963·7	—1·0	1003·2	83·0	65·1	50·7	13·1	—1·0	33	—3	1·5	—1·0	1	0	0	4	2	0	1	2	21
	1200		960·8		999·3	94·3	67·9	45·3	11·3		20		2·5		6	7	3	2	2	3	1	5	2
Risalpur	0000	1009	967·5		1002·6	66·9	59·8	54·0	14·3		63		1·6		1	0	1	1	0	6	5	4	13
	0300		968·8	...	1002·9	81·6	64·2	49·9	12·6	...	35	...	1·8	...	1	0	1	2	0	3	18	4	2
	1200		965·5		998·6	97·7	69·2	46·5	11·5		19		2·9		1	4	0	1	0	5	12	8	0
Haripur	0300	1757	944·0	...	1002·5	81·3	63·9	52·2	13·2	...	36	...	0·9	...	0	13	1	2	0	15	0	0	0
	1200		941·6		998·5	94·6	67·4	47·4	11·9		21		1·3		0	5	3	4	0	17	0	2	0
Campbellpur (R)	0300	1175																					
	1200																						

(R) Register not received. (c) Mean for 26 days. (d) Mean for 27 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1960.—*Contd.*

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 8,50,700 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.	oF	oF	oF	Mb.	Mb.	%	%	oktas	oktas									
D. I. KHAN																							
Kohat	0000	1667	946·6		1002·8	75·4	58·3	42·2	9·7		32		1·0		3	4	0	0	0	0	1	21	2
	0300		948·0	...	1003·5	82·3	62·0	45·0	10·7	...	28	...	1·3	...	0	1	0	0	0	1	2	21	6
	1200		945·4		999·6	94·6	64·3	37·3	8·3		15		2·1		5	9	1	4	0	0	3	5	4
Bannu	0000	1263	958·2		1001·1	73·8	63·7	55·6	15·8		55		0·7		0	2	1	0	0	0	6	15	7
	0300		959·2	...	1001·5	82·7	68·2	58·2	17·0	+2·6	45	+6	0·8	—0·2	3	1	0	1	1	1	4	16	4
	1200		956·8		997·9	97·8	75·0	60·7	19·3		31		1·3		1	8	2	11	1	3	1	1	3
D. I. Khan	0000	570	981·5		1001·0	75·1	66·4	60·6	18·3		61		1·2		3	3	0	0	0	1	2	2	20
	0300		982·1	—1·5	1001·3	86·9	73·7	67·2	22·4	+3·2	51	+4	1·1	+0·1	0	6	0	0	0	0	0	6	19
	1200		978·9		997·6	102·5	*	*	...		...		1·1		1	6	2	2	0	1	0	1	18
Mianwali	0000	679	977·3		1000·8	72·4	64·7	59·4	17·8		65		1·6		2	2	1	0	0	0	0	0	26
	0300		978·8	...	1001·7	85·1	70·2	60·0	17·7	...	44	...	1·1	...	2	1	2	0	1	0	0	1	24
	1200		975·2		997·5	101·8	74·8	57·6	17·2		25		1·6		1	1	0	1	2	1	0	4	21
QUETTA.																							
Sibi	0000	441	986·4		1001·4	81·8	60·5	38·4	8·4		22		0·5		0	1	0	0	0	0	0	5	25
	0300		987·6	+0·3	1002·4	86·0	63·5	42·1	9·9	—2·7	23	—5	1·2	+0·2	0	0	0	2	0	0	0	7	22
	1200		984·1		998·3	108·0	70·0	34·4	7·9		9		1·5		0	2	1	5	1	7	3	4	8
KALAT (North).																							
Nokkundi	0000	2229	930·6		1005·5	73·9	58·8	45·5	10·8		38		0·0		3	0	1	0	0	(b) 0	1	23	1
	0300		932·3		1006·1	82·1	64·3	49·2	13·4	—2·1	36	—4	0·0	—1·0	5	1	1	3	1	0	1	16	3
	1200		929·2		1000·6	96·9	71·3	52·1	15·8		27		0·0		8	0	0	2	0	4	2	14	1
KALAT (South).																							
Turbat	0000	510	986·5		1004·1	79·4	66·9	58·0	16·9		49		0·5		0	4	8	0	1	0	6	1	11
	0300		987·9		1005·1	87·2	70·0	58·6	17·3		39		0·5		1	6	8	0	0	1	1	1	13
	1200		983·6		1000·3	107·0	77·4	61·8	18·6		23		0·1		5	5	3	0	2	3	9	3	1
Jiwani	0000	185	998·1		1004·4	78·4	72·2	69·1	23·2		73		1·0		6	1	0	0	1	5	5	2	11
	0300		999·5		1005·8	84·3	73·0	65·4	22·6		55		2·2		5	6	0	2	3	5	5	4	1
	1200		997·1		1003·4	90·7	77·0	69·4	25·6		53		1·2		0	0	0	0	6	16	8	1	0
Pasni	0000	28	1002·7		1003·7	77·4	69·9	64·4	21·6		67		1·1		1	1	1	0	1	1	12	9	5
	0300		1004·1	—0·5	1005·1	83·0	73·0	66·4	23·2	—6·1	60	—21	2·0	+0·3	1	3	2	1	0	1	10	10	3
	1200		1001·3		1002·2	92·6	77·8	68·5	25·7		49		0·8		1	2	0	0	5	22	0	1	0
Ormara	0000	15	1002·7		1003·2	79·1	73·2	70·1	25·2		74		2·6		0	0	0	1	0	2	16	1	11
	0300		1004·3		1004·8	85·7	75·1	68·6	25·0	—5·6	59	—24	2·7	+0·7	1	1	1	1	0	0	15	3	9
	1200		1001·2		1001·7	93·5	77·1	68·7	24·3		45		1·6		0	0	0	0	0	11	19	1	0
Lasbela (R)	0000	292																					
	0300																						
	1200																						
FEDERAL CAPITAL AREA.																							
Karachi (Manora)	0000	13	1002·5		1003·0	81·2	75·7	72·6	27·9		76		1·7		1	1	0	0	0	8	11	0	10
	0300		1003·9	—1·1	1004·3	82·9	76·9	73·6	28·9	—2·1	75	—10	1·9	—0·7	1	2	0	0	0	7	14	1	6
	1200		1001·4		1001·8	89·9	82·8	79·5	35·1		74		1·8		1	0	0	0	0	10	18	2	0
Karachi (Mauripur)	0000	52	1000·9		(a) 1002·9	(a) 77·6	(a) 72·5	(a) 69·3	25·0		78		0·8		1	2	0	0	0	3	12	7	6
	0300		1002·4		1004·2	82·5	73·7	67·2	24·4		64		1·7		3	4	0	0	0	1	10	11	2
	1200		999·8		1001·5	91·5	75·7	65·1	23·2		46		1·3		0	0	0	0	0	13	16	2	0

(R) Register not received. (*) Data rejected. (a) Mean of 30 days. (b) Observation of 29 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1960.

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
FEDERAL CAPITAL AREA—contd.	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
Karachi (City)	0300	20	1003·2		1003·9	83·6	70·0	73·7	28·7		73		1·9		0	1	0	0	0	8	13	7	2
	1200		1001·0		1001·7	89·9	83·4	80·6	36·1		75		1·3		0	0	0	0	0	16	15	0	0
Karachi (P.A.F.) (S)	0000	38																					
	0300																						
	1200																						
Karachi (Air Port)	0000	73	1000·3		1002·9	76·3	71·6	67·9	24·3		78		1·1		0	0	0	0	0	6	6	1	18
	0300		1001·9		1004·4	83·0	73·6	67·9	24·0		62		1·6		0	0	0	0	0	5	13	2	11
	1200		999·0		1001·5	93·8	75·5	63·4	21·8		40		0·8		0	0	0	0	2	22	6	1	0
HYDERABAD.																							
Badin	0000	31	1003·2		1004·3	80·4	77·3	75·5	30·6		87		0·2		2	2	0	1	0	23	0	2	2
	0300		1004·3	+1·1	1005·4	79·1	76·2	74·5	29·5	+1·0	87	+17	0·4	—0·8	0	2	0	0	0	28	0	0	1
	1200		1001·2		1002·2	102·4	81·0	68·9	26·3		37		0·1		2	0	0	0	7	19	1	1	1
Nagarparker (R)	0000	178 (prov.)																					
	0300																						
	1200																						
Umarkot	0000	55	999·7		1001·6	75·9	71·6	68·7	24·5		80		0·3		1	2	0	0	14	11	0	0	3
	0300		1000·9		1002·8	83·2	74·5	69·4	25·2		64		0·9		2	1	0	1	12	10	1	0	4
	1200		997·4		999·1	106·0	78·6	69·4	20·9		27		0·3		1	1	0	0	4	16	1	8	8
Chhor	0000	19	1001·3		1002·0	73·5	68·4	64·8	21·4		76		0·9		0	0	0	0	0	17	0	0	14
	0300		1002·8		1003·5	83·7	72·2	64·2	21·8		55		0·9		0	1	1	0	2	16	2	1	8
	1200		998·9		999·5	104·3	74·1	53·9	15·1		20		0·2		0	1	0	0	0	25	3	1	1
Hyderabad	0000	98	998·5		1001·9	77·9	68·5	61·2	19·9		60		0·5		2	0	0	0	2	20	0	1	6
	0300		1000·0	—0·5	1003·4	84·2	70·2	59·6	18·9	—4·6	47	—12	0·5	0·0	4	0	0	0	1	20	2	0	4
	1200		996·9		1000·2	103·8	71·9	44·8	12·3		16		0·3		2	2	1	4	5	15	0	0	2
KHAIRPUR.																							
Padidan	0000	153	995·5		1000·8	74·6	63·4	54·6	14·9		51		0·2		1	1	0	6	6	4	1	2	10
	0300		997·1		1002·3	85·4	68·4	55·9	16·0		38		0·2		4	2	0	5	7	2	4	1	6
	1200		993·8		998·9	108·1	69·8	34·3	7·6		9		0·1		3	3	0	1	5	4	5	10	0
Nawabshah	0000	124	996·9		1001·2	75·6	66·2	58·5	17·7		59		0·4		0	0	0	1	5	6	2	1	16
	0300		999·0		1003·2	84·7	72·1	65·7	21·2		53		0·3		0	1	0	0	9	8	0	6	7
	1200		995·5		999·6	107·1	78·5	62·4	20·2		25		0·3		4	2	1	0	5	7	5	4	3
Sukkur	0300	221	994·4	—0·7	1002·0	80·7	67·8	58·4	18·2	—2·7	48	—5	0·7	+0·3	4	4	0	2	5	4	0	0	12
	1200		(a) 991·0		998·2	(a) 106·3	(a) 75·9	(a) 57·1	16·7		21		(a) 0·4		2	1	0	2	(a) 3	2	13	3	4
Kashmore	0000	255	*		*	83·8	59·3	32·2	6·3		16		0·3		0	0	0	0	0	0	0	0	31
	0300		*		*	87·0	63·3	40·3	9·2		21		0·3		0	2	0	0	0	0	0	0	29
	1200		*		*	105·3	67·6	30·4	6·1		8		0·6		0	0	0	0	2	0	6	0	23
Jacobabad	0000	183	994·3		1000·6	78·7	64·9	54·2	14·8		44		0·5		2	1	6	0	7	0	2	8	5
	0300		996·2	—0·1	1002·4	86·9	68·5	55·0	15·5	—8·2	35	—12	0·5	0·0	4	1	2	10	4	0	0	8	2
	1200		992·5		998·3	107·9	78·0	60·5	19·1		23		0·4		2	0	1	2	7	5	6	6	2
JUNAGADH.																							
Veraval	0000	26	x		(g) 1005·9	x (g) 84·5	x	x (p) 68·5	23·9		59		x (g) 0·0		3	2	0	0	x 3	(g) 3	6	3	4
	0300		1004·9		(e) 1004·2	(e) 85·9	80·9	(d) 79·2	33·8		80		(d) 0·0		2	0	1	0	4	(d) 3	7	9	1
	1200		1003·2																				

(x) Data not available. (*) Data rejected. (a) Mean for 30 day. (e) Mean for 28 days. (d) Mean for 27 days. (g) Mean for 24 days. (p) Mean for 15 days.
(R) Register not received. (S) Observation suspended.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1960—*Contd.*

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 Geopotential of 850/700 mbs. pressure level in Gpm.	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									
AFGHANISTAN.																							
Jalalabad (R)	0000	1950																					
	0300																						
	1200																						
ARABIA.																							
Muscat (S)	0300	20																					
	1200																						
HILL STATIONS KASHMIR.																							
Srinagar (x)	0000	...																					
	0300																						
	1200																						
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	...																					
	1200																						
Sonemarg (x)	0300	...																					
	1200																						
Dras (x)	0300																						
	1200																						
Kargil (x)	0300	...																					
	1200																						
Leh (x)	0000																						
	0300																						
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Minjar	0000	10190	*		*	*	*	*	...		...		2·4		0	0	1	0	0	0	0	0	30
	0300		699·0	...	3092·2	43·9	34·5	21·2	3·9	...	40	...	2·5	...	0	0	2	0	0	0	1	0	28
	1200		696·0		3055·9	56·2	41·5	23·1	4·4		28		3·2		0	0	11	3	0	1	9	0	7
Aliabad (x)	0300	...																					
	1200																						
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
RAWALPINDI.																							
Murree	0000	7113	781·2		1450·1	58·5	46·6	32·9	6·6		44		2·6		0	11	6	7	0	1	0	6	0
	0300		782·6	—0·8	1454·2	65·8	50·3	34·4	6·9	—1·6	32	—9	1·8	—0·2	3	9	3	7	0	1	1	1	6
	1200		781·9		1439·9	71·2	54·4	38·7	8·5		32		3·2		2	6	5	2	0	1	6	8	1
PESHAWAR.																							
Drosh	0000	4806	851·4		1477·8	60·1	51·6	42·7	9·7		54		1·9		0	3	5	4	0	3	0	0	16
	0300		852·3	0·0	1487·0	65·7	55·2	45·3	10·6	—0·5	50	—7	2·2	+0·2	0	1	6	2	0	0	0	0	22
	1200		849·1		1454·0	77·6	60·8	46·5	11·4		35		3·4		2	8	1	0	1	3	0	1	15
Chitral	0000	4272	864·7		1447·4	69·2	53·8	38·0	7·9		32		0·6		23	1	0	2	2	0	0	3	0
	0300		865·1	—1·1	1452·3	71·7	55·0	37·2	8·1	—2·1	30	—11	1·0	—0·7	23	0	0	1	1	0	0	6	0
	1200		864·4		1448·0	82·5	60·1	39·9	8·7		23		1·8		11	0	0	8	7	0	1	4	0

(*) Data rejected. (x) Data not available (R) Register not received. (S) Observation suspended.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1960—*Contd.*

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 Geopotential of 350/700 mbs pressure level in Gpm.	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									
Kakul	0000	4214	866·4		1444·8	64·0	52·8	41·3	9·2		46		2·0		6	10	2	1	0	0	3	8	1
	0300		867·5	...	1457·7	71·1	57·0	44·5	10·2	...	39	...	1·8	...	4	2	1	0	0	0	5	17	2
	1200		865·6		1443·1	82·4	60·0	40·1	8·5		22		2·7		2	0	0	1	4	9	8	7	0
Balakot (R)	0000	3226																					
	0300																						
	1200																						
Landikotal	0000	3503	887·6		1434·9	64·3	52·8	40·9	9·0		43		0·8		0	0	0	0	0	7	0	1	23
	0300		888·9	...	1454·2	74·4	56·3	35·8	8·2	...	28	...	1·0	...	0	0	0	0	0	17	0	1	13
	1200		886·7		1440·3	85·0	62·2	40·7	10·0		24		2·1		0	2	1	5	2	12	0	4	5
D. I. KHAN.																							
Parachinar	0000	5673	823·4		1459·4	57·5	48·0	37·7	8·0		49		0·6		25	0	0	2	0	0	0	0	4
	0300		824·7	+0·4	1469·0	64·0	52·7	42·4	9·6	—0·2	46	0	0·9	—0·9	3	0	0	4	1	1	2	2	18
	1200		824·5		1461·0	77·1	*	*	*		*		2·7		1	0	0	17	0	0	2	2	9
Miranshah	0000	3026	902·2		1429·5	69·0	55·7	41·9	9·8		41		0·8		0	2	0	0	0	2	0	3	24
	0300		903·3	...	1449·5	77·7	(g) 61·0	(g) 49·0	11·6	—1·3	36	—4	0·5	—0·5	0	3	0	0	0	2	0	9	17
	1200		900·8		(a) 1437·3	(a) 90·6	(l) 66·9	(l) 48·6	12·9		26		2·2		0	12	0	2	0	0	0	4	13
Wana	0300	4503	858·7	...	1459·8	71·0	57·0	44·5	10·2	+0·1	39	—3	1·2	—0·3	0	0	0	0	0	0	2	1	28
	1200		856·0		1434·5	85·7	61·8	41·1	9·1		22		1·9		0	3	5	3	2	8	1	4	5
QUETTA.																							
Fort Sandeman	0300	4614	856·3	—0·1	1468·2	71·4	55·3	38·8	7·7	—1·4	32	—22	1·1	—0·1	0	0	0	3	1	12	2	3	10
	1200		854·3		1449·8	88·3	61·0	35·4	6·1		15		3·0		0	4	0	3	3	11	2	8	0
Hindubagh	0000	5909	*		*	*	*	*	*	*			0·2		0	0	0	0	0	6	6	0	19
	0300		818·1		1470·0	67·9	*	*	*	*			0·4		0	0	0	0	0	7	8	0	16
	1200		816·7		1446·0	81·8	*	*	*	*			0·0		0	0	0	0	0	10	15	2	4
Loralai	0000	4699	851·7		1448·0	61·4	49·2	35·3	7·1		37		0·9		1	0	0	0	0	2	12	12	4
	0300		852·4		1455·1	66·6	52·7	38·0	8·0		36		0·8		1	0	0	1	0	1	7	19	2
	1200		850·1		1431·8	85·3	61·5	41·3	9·0		21		2·4		1	0	2	11	0	6	1	9	1

(R) Register not received. (*) Data rejected. (a) Mean of 30 days. (g) Mean of 24 days. (l) Mean of 19 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF MAY, 1960—*Concld.*

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.	oF	oF	oF	Mb.	Mb.	%	%	oktas	oktas									
QUETTA—contd.																							
Harnai	0300	2861											0·4					*					
	1200												0·8					*					
Samungli	0000	5213	838·1		1469·3	52·8	45·4	37·3	7·7		57		0·8		1	1	7	7	1	3	2	1	8
	0300		839·3		1478·7	63·6	51·6	40·2	8·7		44		1·1		1	0	0	5	0	4	6	2	13
	1200		837·1		1451·6	82·2	57·1	32·5	6·9		18		1·9		1	0	0	1	2	1	13	12	1
Quetta	0300	5490	829·9	—1·6	1464·6	66·4	53·4	40·1	9·3	—3·2	42	—12	0·9	—0·1	1	3	0	1	0	1	1	3	21
	1200		828·1		1439·3	79·6	66·4	62·9	17·4		50		2·0		1	0	1	0	1	2	12	8	6
Chaman	0000	4311	864·7		1460·4	66·5	50·8	29·2	6·5		30		0·2		0	0	13	2	3	0	0	0	13
	0300		866·0	—0·4	1472·6	69·4	51·5	29·6	5·8	—3·7	23	—10	0·1	—0·9	0	0	18	3	4	0	0	0	6
	1200		863·7		1452·0	85·8	56·8	17·1	4·1		10		0·1		1	0	2	0	1	2	18	7	0
KALAT (North).																							
Kalat	0000	6616	798·3		1493·2	48·9	41·2	32·1	6·1		53		0·4		3	2	0	7	15	2	0	2	0
	0300		799·2	+0·3	1485·2	64·9	51·7	40·5	8·3	—2·3	40	—4	0·6	—0·2	2	2	2	4	16	1	0	4	0
	1200		797·7		1458·2	74·9	57·2	43·5	9·6		33		2·0		6	0	0	1	1	0	5	18	0
Nushki	0000	3416	*		*	70·8	52·9	32·4	6·5		25		0·7		0	0	14	0	2	0	0	6	9
	0300		900·1		1538·6	78·3	57·6	37·7	7·9		23		0·7		1	3	9	1	2	0	3	5	7
	1200		897·4		1525·0	93·7	64·6	37·7	9·0		17		1·3		0	0	1	2	1	11	1	14	1
Dalbandin	0000	2785	912·6		1453·2	67·6	52·9	37·4	7·8		34		0·8		1	4	6	2	1	2	3	4	8
	0300		914·2	+0·8	1475·9	74·4	56·2	38·3	8·1	—2·3	28	—4	0·8	—0·1	0	2	4	3	1	4	1	0	16
	1200		910·8		1468·2	95·9	64·4	37·2	7·8		14		2·2		3	2	1	8	2	7	0	7	1
KALAT (South).																							
Panjgur	0000	3177	901·9		1475·3	70·0	55·9	40·2	9·6		39		0·7		10	15	0	0	0	2	1	3	0
	0300		902·6	+1·6	1482·5	71·2	54·3	34·1	7·6	—8·0	28	—26	0·1	—0·5	9	12	0	0	2	2	1	0	5
	1200		900·2		1475·8	91·1	60·7	27·7	5·9		11		0·7		11	0	0	0	0	9	1	10	0
AFGHANISTAN.																							
Kabul (R)	0300	5955																					
	1200																						
Kandahar	0300	3462	891·7	...	1461·3	65·8	55·3	45·7	10·7	...	50	...	0·8	...	0	0	2	6	3	3	0	0	17
	1200		888·6		1447·2	86·0	65·1	50·1	12·7		29		0·9		0	0	0	0	1	12	4	1	13

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

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF MAY, 1960.

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
CHITTAGONG.																					
Rangamati	96·8		108	1	77·3		71	21	7·17		1·90	27	10		x		5	0	2	0	0
Cox's Bazar (P.T.)	91·5	−2·7	94	1,16,19	78·4	+2·5	72	22	8·24	−4·50	2·19	21	8	−2·5	5·5	+1·9	13	0	0	0	0
Chittagong (Patenga)	92·7		103	1	78·8		72	21	6·60		3·91	21	6		x		9	0	0	0	0
Chittagong (P.T.)	92·1	+3·2	105	1	78·7	+3·2	72	21	4·61	−5·81	1·55	30	7	−3·8	7·8	+1·4	5	0	0	0	0
Maijdee Court	92·7	+3·6	105	1	78·6	+1·0	71	21	12·95	+1·50	5·90	29	9	−1·5	x		0	0	0	0	0
Comilla	94·5	+3·4	107	1	78·2	+3·3	72	20,21,26	13·81	+1·42	5·42	29	11	−0·8	x		7	0	0	0	0
Brahmanbaria	94·7	+2·7	107	1	78·0	+5·2	72	16,20,21	8·16	−3·63	1·99	21	8	−3·7	5·0		9	0	0	0	0
Srimangal	96·2	+5·1	107	1	74·9	−2·7	65	1,6	9·93	−5·86	1·98	30	10	−5·3	x		18	0	0	0	1
Sylhet (P.B.O.)	91·8		105	1	74·0		66	13	16·72		2·25	21	19		x		17	1	0	0	0
DACCA.																					
Joynagsingh	95·2	+5·9	107	1,2	76·2	+2·0	69	20	7·26	−5·20	1·48	20	12	−1·0	1·5	−0·8	8	0	0	0	0
Narayanganj	94·0	+2·9	107	1	78·7	+2·9	71	21,22	7·98	−1·66	2·98	21	8	−3·0	5·2	+1·3	2	0	0	0	0
Dacca (Tejgaon)	95·2		108	1	78·4		70	21	12·07		4·71	21	7		9·4		11	0	1	0	1
Faridpur	95·6	+3·9	107	1,2	77·5	+2·6	67	21	12·26	+2·64	6·17	21	10	−1·0	*		8	0	0	0	0
Barisal	93·5	+1·8	101	1	79·4	+2·5	70	21,22	14·09	+5·84	3·35	29	9	−0·6	x		3	0	0	0	0
RAJSHAHI.																					
Kaunia	94·5	+1·6	107	1	79·4	+2·4	70	21	7·24	−0·51	2·96	30	7	−2·7	x		3	0	0	0	0
Satkhira	96·7	+1·3	108	1,2	79·7	+2·3	71	24	11·03	+4·16	4·90	23	8	−0·2	3·3	−0·1	1	0	0	0	0
Jessore (P.T.)	96·9	+3·0	108	3	78·7	+2·9	68	21	5·38	−2·74	1·91	21	11	+1·9	7·1	+4·0	1	0	0	0	0
Pabna	97·3	+2·5	109	5,6	77·8	+3·4	70	21,22	9·66	+2·31	3·25	21	11	+1·2	x		14	0	0	0	3
Sirajganj	96·3		109	6	76·4		69	1	13·71	+5·63	3·06	23	12	+1·5	4·6		9	0	0	0	4
Rajshahi									6·96	+1·47	2·18	29	7	−0·4							
Bogra (P.B.O.)	97·9	+5·5	109	2,3,6	77·8	+3·5	70	21	7·45	−0·95	1·86	22	10	+0·4	3·6	+1·2	12	9	0	0	0
Dinajpur	99·2	+7·4	110	2	74·2	0	63	16	8·08	+0·74	3·85	29	8	−0·7	2·0	−1·0	4	0	0	0	1
Rangpur	96·3		107	4 days	75·7		65	2	9·90	−0·93	2·85	29	7	−4·5	3·4		10	0	0	0	0

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

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION WIND VELOCITY AND WEATHER DURING THE MONTH OF MAY, 1960.—*Contd.*

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.																					
Jammu (x)																					
LAHORE.																					
Lahore (P.B.O.)	104·4	+0·7	111	14	73·2	+1·0	61	7	0·00	—0·59	0·00	...	0	—1·3	2·3	+0·3	2	0	0	1	1
Lahore (Cantt.)	104·0	...	111	14	73·9	...	65	7	0·03	...	0·03	28	0	...	(n) 4·6	...	2	0	0	0	0
Lahore (Walton)	105·0	...	112	14	71·9	...	58	7	0·00	...	0·00	...	0	...	5·5	...	1	0	0	0	3
Sialkot	104·4	+2·2	111	14,15	(a) 74·2	—0·1	56	7	0·65	—0·34	0·50	17	2	0·0	(a) 2·3	+0·3	3	0	0	0	2
RAWALPINDI.																					
Jhelum	103·6	...	109	5 days	71·3	...	58	7	0·45	...	0·36	28	1	...	2·9	...	5	0	0	0	0
Chaklala	97·6	...	106	15	68·4	...	53	7	0·17	...	0·07	4	0	...	5·6	...	10	0	0	0	4
Rawalpindi	98·1	+0·4	107	15	68·6	—0·1	54	7	0·38	—0·87	0·24	18	2	—0·5	x	...	10	0	0	0	0
Khushab	104·9	+1·2	112	13,14,22	70·5	—5·8	56	7	0·00	—0·76	0·00	...	0	—1·6	4·7	—0·1	0	0	0	0	1
Sargodha (P.A.F.)	103·3	...	112	14	71·9	...	59	7	0·80	...	0·45	18	2	...	x	...	8	4	0	0	3
MULTAN.																					
Lyallpur	103·2	+0·8	110	13,14,22	71·5	—2·4	56	7	0·00	—0·43	0·00	...	0	—1·2	2·5	+0·1	4	0	0	0	1
Montgomery	105·1	—0·3	112	13	71·3	—5·6	56	7	0·07	—0·29	0·07	4	0	—1·1	1·6	—2·1	1	0	0	0	1
Multan (P.B.O.)	107·0	...	115	14,22	73·8	...	56	7	0·06	...	0·06	4	0	...	4·2	...	2	0	0	0	3
Multan (Surface)	107·0	+2·2	114	14,21,22	76·9	—0·5	61	7	0·10	—0·23	0·10	4	1	+0·3	2·7	+0·9	3	0	0	0	0
BAHAWALPUR.																					
Leiah (R)																					
Khanpur (Surface) (R)																					
Khanpur (P.B.O.)	108·3	...	116	21,22	72·8	...	57	8	0·00	...	0·00	...	0	...	x	...	0	0	0	0	0
Bahawalpur	107·6	+1·4	113	14	73·9	—2·0	61	7,8	0·00	—0·18	0·00	...	0	—0·5	2·9	—0·2	0	0	0	0	0
Fort Abbas	101·2	...	117	14,22	*	...	...	...	0·00	...	0·00	...	0	...	4·0	...	0	0	0	0	0
PESHAWER.																					
Chakdara	92·6	...	103	15	*	...	...	...	0·91	...	0·76	4	2	...	x	...	3	0	0	0	0
Peshawar	97·0	0·0	105	21	69·1	—1·3	53	7	0·59	—0·18	0·27	3	3	+1·0	3·6	+1·3	5	0	0	0	1
Risalpur	100·8	...	111	25	64·6	...	52	7	0·30	...	0·20	3	2	...	5·0	...	8	0	0	0	5
Haripur	97·7	...	106	16	63·7	...	48	5	0·59	...	0·42	18	1	...	6·8	...	0	0	0	0	2
Campbellpur (R)																					

(a) Mean for 30 days. (R) Register not received. (*) Data rejected. (x) Data not available. (n) Mean for 17 days

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION WIND VELOCITY AND WEATHER DURING THE MONTH OF MAY, 1960.—*Contd.*

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
D. I. KHAN.																					
Kohat	97·0	...	106	15,16	73·1	...	59	4,7	0·00	...	0·00	...	0	...	4·8	...	8	1	0	0	3
Bannu	100·3	+0·5	107	16	72·0	+0·5	55	7	0·23	—0·38	0·23	20	1	—0·5	2·7	...	3	1	0	0	0
D. I. Khan	104·3	+0·8	112	22	73·3	—1·4	59	7	0·00	—0·39	0·00	...	0	—1·0	1·9	+0·1	0	0	0	0	0
Mianwali	104·0	...	112	15	71·4	...	56	7	0·00	...	0·00	...	0	...	x	...	0	0	0	0	0
QUETTA.																					
Sibi	110·7	+1·5	119	30	81·2	—0·1	68	8	0·03	—0·11	0·03	19	0	—0·5	3·1	—1·0	0	0	0	0	0
KALAT (North).																					
Nokkundi	99·2	—3·2	111	16	70·8	—3·7	52	7	0·00	—0·02	0·00		0	0·0	x		0	0	0	0	0
KALAT (South).																					
Turbat	108·5		117	21	x				0·00		0·00		0		x		0	0	0	0	1
Jiwani	95·8		110	27	76·4		69	5	0·00		0·00		0		9·5		0	0	0	0	1
Pasni	99·3	+5·0	111	26	74·5	+0·3	65	8	0·00	—0·01	0·00		0	0·0	10·0	+2·9	0	0	0	0	0
Ormara	97·8	+5·1	110	24	77·7	—1·8	70	8,10	0·00	0·00	0·00		0	0·0	10·5	—0·1	0	0	0	0	0
Lasbela (R)																					
FEDERAL CAPITAL AREA.																					
Karachi (Manora)	96·2	+7·6	105	7,28	79·5	+0·5	74	3	0·00	—0·06	0·00		0	—0·1	x		0	0	0	1	0
Karachi (Mauripur)	96·5		109	25	76·0		67	10	0·00		0·00		0		8·3		0	0	1	1	0
Karachi (City)	96·3		105	8,12	75·1		60	7	0·00		0·00		0		6·0		0	0	0	0	0
Karachi (PAF) (S)																					
Karachi (Air Port)	99·8		111	12,25	75·0		64	9,10	0·00		0·00		0		8·3		0	0	0	1	0
HYDERABAD.																					
Badin	107·2	+3·3	116	12,26	75·0	—3·3	65	7	0·00	—0·22	0·00		0	—0·2	x		0	0	0	0	0
Nagarparkar (R)																					
Umarkot	108·5		115	26	74·2		62	7	0·00		0·00		0		6·4		0	0	0	0	0
Chhor	107·9		115	12	71·9		55	7	0·00		0·00		0		5·5		0	0	0	0	0
Hyderabad	108·0	+1·0	116	22,26	76·9	—1·3	70	7,9	0·00	—0·19	0·00		0	—0·4	7·3	—0·4	0	0	0	0	0
KHAIRPUR.																					
Padidan	110·0		118	21	72·1		55	7	0·00		0·00		0		5·2		0	0	0	0	1
Nawabshah	110·4		119	21	74·3		61	8	0·05		0·05	15	0		4·8		1	1	0	0	1
Sukkur	(a) 107·6	+0·2	113	5 days	75·6	—4·0	62	7	0·29	+0·15	0·29	18	1	+0·8	3·4	0·0	1	0	0	0	0
Kashmore	108·2		115	15	72·0		59	8	0·00		0·00		0		5·1		0	0	0	0	0
Jacobabad	109·2	—1·9	116	15	76·8	—3·0	66	8	0·00	—0·14	0·00		0	—0·4	6·0	+1·7	0	0	0	0	0
JUNAGADH.																					
Veraval	(l) 92·6				(p) 75·4				0·00		0·00		0		x		0	0	0	0	0
AFGHANISTAN.																					
Jalalabad (R)																					
ARABIA.																					
Muscat (S)																					

(a) Mean for 30 days. (x) Data not available. (R) Register not received. (l) Mean for 19 days. (p) Mean for 15 days. (S) Observations suspended.

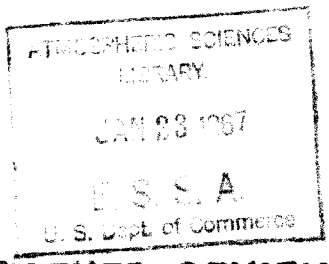
TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION WIND VELOCITY AND WEATHER DURING THE MONTH OF MAY, 1960—*Concld.*

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
HILL STATIONS																					
KASHMIR.																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Misgar	59·5	...	72	15	35·2	...	25	7	1·96	...	1·28	4	4	...	2·4	...	0	0	0	0	0
Aliabad (x)																					
Gilgit (x)																					
RAWALPINDI.																					
Murree	74·4	—0·7	83	15	55·2	—0·4	40	7	1·79	—0·83	1·13	18	3	—1·8	6·7	+2·2	10	1	0	0	0
PESHAWAR.																					
Drosh	83·0	+1·5	99	25	58·5	—0·5	46	5	2·19	+0·28	0·63	27	6	+1·5	4·6	+1·5	9	1	0	0	0
Cherat	86·1	+0·8	95	15,16,26	66·4	0·0	54	6	0·57	—1·08	0·32	3	2	—0·7	8·9	+2·0	0	0	0	0	0
Kakul	85·5	...	94	15	62·5	...	47	7	1·65	...	0·70	18	4	...	x	...	11	0	0	0	0
Balakot (R)																					
Landikotal	87·5	...	96	14,15	61·0	...	48	5	0·60	...	0·46	3	2	...	3·6	...	10	0	0	0	0
D. I. KHAN.																					
Parachinar	80·4	+0·9	87	13,14,15	54·4	—1·2	41	5,6	3·65	+1·34	0·80	2	9	+2·3	3·2	+0·6	0	0	0	0	0
Miranshah	93·1	+0·2	101	15,22	66·9	—2·5	58	8	0·66	—0·48	0·45	3	2	—0·4	3·8 (a)	—0·9	0	0	0	0	0
Wana	88·9	0·0	96	14,20	*	...	...	...	0·40	—0·42	0·35	18	1	—1·3	3·5	...	1	0	0	0	0
QUETTA.																					
Fort Sandeman	90·6	+0·1	99	16	*				0·31	—0·60	0·14	18	1	—1·1	x		0	0	0	0	0
Hindubagh	87·3		92	9,16	*				0·82		0·56	3	2		6·5		0	0	0	0	0
Loralai	87·7		94	4 days	58·5		50	4,8	0·35	—0·25	0·28	18	1	—0·3	4·1		0	0	0	0	0
Harnai									0·86	+0·36	0·76	18	2	+1·1	x		0	0	0	0	0
Samungli	84·3		94	17	49·0		33	7	0·04		0·04	18	0		5·9		2	0	0	0	3
Quetta	82·6		93	17	51·5		39	7	0·00		0·00		0		2·7	+0·3	2	0	0	0	0
Chaman	88·7	—1·7	98	4 days	62·3	—2·8	41	6	0·00	—0·13	0·00		0	—0·4	x		0	0	0	0	0
KALAT (North).																					
Kalat	79·1	—3·9	91	16	47·7	—4·3	37	7,8	0·00	—0·20	0·00		0	—0·7	x		0	0	0	0	0
Nushki	96·5		107	4 days	69·6		56	7	0·02		0·02	3	0		x		0	0	0	0	2
Dalbandin	97·8	—2·5	109	16,17	65·2	—0·8	46	7	0·03	—0·04	0·02	3	0	—0·2	4·3	—0·1	1	0	0	2	1
KALAT (South).																					
Panjgur	91·3	—6·6	101	16,20	64·9	—3·3	52	7	0·05	—0·06	0·05	3	0	—0·3	x		0	0	0	0	2
AFGHANISTAN.																					
Kabul (R)																					
Kandahar	89·7	...	98	16,17	58·6	...	45	7	0·03	...	0·03	1	0	...	1·1	...	2	0	0	0	0

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

GPPD—S-2—76 (Civil) 61—27-7-64—200.

Mog. 1/547
P152pa



Regd. No. S-1452.

PAKISTAN WEATHER REVIEW 1960

Monthly Weather Report

June

PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN

Chief Features.—(1) Formation of a shallow depression in east central Bay of Bengal on the 8th, followed by pronounced monsoon activity over East Pakistan between the 9th and 21st.

(2) Scanty rainfall with unusually hot weather over most of West Pakistan.

West Pakistan.—In association with the frequent passage of Westerly low pressure waves and feeble secondary western disturbances across the northern parts of the region only scattered dust and thunderstorms or a few light showers occurred in Lahore, Rawalpindi and Peshawar divisions on the first day and towards the end of the first and second weeks. Local to fairly widespread thunderstorms occurred over Lahore, Rawalpindi and Peshawar divisions and Scattered in Multan, Bahawalpur and D.I. Khan divisions between the 14th and the 15th D.I. Kahan, Peshawar and Rawalpindi divisions recorded a few moderate to heavy falls of rain on the 14th and 15th. Scattered to local thunderstorm occurred practically over the whole of West Pakistan outside Khairpur and Hyderabad divisions and the Federal Capital Area during the third week and on the last day of the fourth week. Thereafter dry weather prevailed over West Pakistan resulting in a hot spell over most parts of the region. This caused a large number of cases of heat strokes and as many as 30 deaths were reported from the districts of Lyallpur, Lahore, Multan and Montgomery.

Towards the end of the month besides the passage of a western disturbance across the northern parts of the region the weather was influenced by the movement of two monsoon lows from the east and by the development of a truogh of low pressure over the southeast sector of north Arabian Sea. Under their influence dust and thunderstorms or light showers were sporadic practically over the whole region outside Kalat divisions, during the last eight days of the month except between the 27th and the 28th when local rain fell almost all over the northern parts and was fairly widespread and locally heavy in Multan division. Karachi Federal Capital Area experienced unusually hot and oppressive weather during the last three days of the month which was relieved by the occurrence of a duststorm on the 30th.

Noteworthy amounts of rainfall were Campbellpur 2″ on the 15th Montgomery 2″ on the 27th and Sibi and Harnai 1½″ each on the 28th.

The total rainfall during the month was in large excess in Quetta Division, in Slight excess in Multan Division, in moderate defect in Peshawar and D.I. Khan Divisions and in large defect elsewhere. Averaged over the region as a whole it was in moderate defect.

The mean maximum temperature was normal in Multan, Bahawalpur, Quetta, Kalat, Hyderabad and Khairpur Divisions and above normal elsewhere. The mean minimum temperature was normal over the region outside Bahawalpur Divisions where it was above normal. The mean relative humidity was in excess in Hyderabad Divisions, normal in Lahore, Multan, Bahawalpur, D.I. Khan, and Khairpur Divisions and the Federal Capital Area, and in defect elsewhere. The mean cloud amount was in defect in Lahore, Multan, D.I. Khan and Quetta Divisions, normal in Rawalpindi, Peshawar and Kalat Divisions and in the Federal Capital Area and in excess elsewhere.

East Pakistan.—Conditions became unsettled in east central and adjoining north Bay of Bengal towards the later part of the first week and concentrated into a shallow depression on the 8th which was centered at 0300 GMT within one degree of latitude 17 on and longitude 89 °E. It, however, weakened into a low by the 10th and moved inland the next day Monsoon became active in its wake and continued so till the 19th when a well marked low moved westwards across the north Bay of Bengal. Under their influence fairly widespread rain with locally moderate to heavy falls occurred practically over the whole region between the 9th and the 21st. A violent squall of 80 miles per hour hit Chittagong on the 12th and uprooted trees and damaged a jutemill godown as reported by newspapers.

During the rest of the month the monsoon activity was weak and mainly scattered to local rain fell over the region.

Outstanding amounts of rainfall were : Rangpur 4″ on the 6th Narayanganj 6″, Comilla 5″, Maijdee Court and Brahmanbaria 4″ each on the 10th ; Cox's Bazar 8″ on the 11th ; Maijdee Court 8″ and Sylhet 7″ on the 12th ; Chittagong 6″ on the 13th ; Srimangal 6″ on the 15th Rangpur 4″ on the 16th ; Dinajpur 3″ on the 17th and Cox's Bazar 3″ on the 19th.

The total rainfall was normal over the region except in Rajshahi Divisions when it was in large defect, Averaged over the region as a whole it was in slight defect ;

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

Table I contains the divisional means of rainfall, temperature, humidity and cloud for the 15 political division of Pakistan. These means are based on the observations at the stations whose monthly means are given in the subsquent tables.

TABLE I—DIVISIONAL MEANS FOR JUNE, 1960.

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
EAST PAKISTAN	Inches	Inches	Inches		Degree	Degree	Mb.	%	
Chittagong	19·89	21·22	—1·31	—6	+0·8	+1·3	+0·4	—2	—0·1
Dacca	13·45	14·71	—1·26	—9	+1·1	+1·0	+0·3	—3	—0·3
Rajshahi	6·12	12·91	—6·79	—53	+1·0	+0·7	+0·8	—1	+0·1
MEAN.	12·54	16·02	—3·48	—22	+1·0	+1·0	+0·5	—2	—0·1
WEST PAKISTAN.									
Kashmir*									
Lahore	0·87	2·01	—1·14	—57	+2·7	+0·8	—1·0	—5	—0·3
Rawalpindi	0·72	2·57	—1·85	—72	+2·4	+1·7	—2·2	—9	+0·2
Multan	1·13	0·92	+0·21	+23	+1·6	—0·3	—2·0	—5	—0·3
Bahawalpur	0·00	0·28	—0·28	—100	+1·0	+3·2	0·0	0	+0·3
Peshawar	0·42	0·70	—0·28	—40	+2·6	+1·6	—2·7	—12	—0·2
D. I. Khan	0·56	0·97	—0·41	—42	+2·2	+0·2	+0·8	—2	—0·8
Quetta	0·76	0·41	+0·35	+85	+1·2	+1·6	+0·3	—6	—0·1
Kalat	0·01	0·08	—0·07	—87	+1·3	+1·4	—1·3	—7	+0·1
Federal Capital Area	0·00	0·72	—0·72	—100	+3·8	—0·5	—2·2	—5	+0·7
Hyderabad	0·00	0·52	—0·52	—100	—0·1	+0·4	+3·5	+10	+0·5
Khairpur	0·01	0·20	—0·19	—95	0·0	+0·1	—0·7	—1	+0·5
MEAN.	0·28	0·51	—0·23	—45	+1·3	+1·2	—0·4	—4	+0·1
Junagad *									

(*) Data incomplete.

GOVERNMENT OF PAKISTAN
PAKISTAN METEOROLOGICAL DEPARTMENT

ERRATA TO MONTHLY WEATHER REPORT FOR JUNE 1960.

S.No.	Page.	Station.	Col. No.	Hours.	Reads. For.	Reads. Read.
1.	1	Text(Line 1)	4	-	Last	First.
2.	8	Jiwani	11	0830	78	76
3.	8	Lasbela	10	0900	+2.6	+2.6
4.	12	Kabul	23	0000	-	1
5.	18	Dalbandin.	5	-	7,2,256	7,25,26.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1960.

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 Geopotential of 850/700 mbs. pressure level in G.P.M.	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									
CHITTAGONG DIVISION																							
Rangamati	0000	208	996·1		1003·2	78·9	77·1	76·4	31·0		91		5·2		4	0	1	0	16	0	0	0	9
	0300		997·0		1004·1	83·7	78·5	76·2	31·0		79		4·3		1	0	1	0	23	1	1	0	3
	1200		994·3		1001·4	82·6	78·8	77·0	31·9		83		6·3		3	0	1	0	20	1	1	0	4
Cox's Bazar (P.T)	0300	38	1001·9	0·0	1003·2	83·7	79·4	77·3	32·4	+0·3	82	−3	5·2	−0·9	0	0	2	10	13	4	0	1	0
	1200		999·5		1000·8	82·5	78·9	77·3	32·1		85		5·6		0	0	2	6	15	6	1	0	0
Chittagong (Patenga)	0000	20	1001·4		1002·1	79·4	77·7	77·0	31·6		92		5·7		0	0	2	18	0	0	0	0	10
	0300		1002·6		1003·3	84·8	79·9	77·6	32·7		79		6·4		0	1	3	21	4	1	0	0	0
	1200		999·9		1000·6	83·7	79·7	78·1	32·8		83		6·2		0	0	2	6	14	6	1	0	1
Chittagong (P.T)	0300	46	1001·7	+0·1	1003·3	84·0	79·2	77·6	31·9	+0·4	79	−4	6·0	0	0	0	4	18	7	1	0	0	0
	1200		998·5		1000·1	82·8	79·2	78·1	32·4		85		6·0		0	0	1	4	17	7	1	0	0
Maijdee Court	0000	25	1000·9		1001·7	80·3	78·7	78·1	32·8		93		5·1		0	0	0	2	6	0	0	1	21
	0300		1002·1	+0·5	1003·0	83·4	79·5	77·9	32·7	−0·4	83	−2	5·4	+0·2	1	0	0	2	10	0	0	0	17
	1200		998·9		999·8	84·5	79·6	77·5	32·3		79		4·6		0	0	0	1	22	2	1	0	4
Comilla (R)	0000	29																					
	0300																						
	1200																						
Brahmanbaria	0000	32	1000·9		1002·0	80·3	79·0	78·6	33·2		94		5·8		0	0	6	11	8	0	0	0	5
	0300		1002·0		1003·1	83·8	80·1	78·6	33·4	+2·8	84	+5	5·5		0	0	3	12	11	0	0	0	4
	1200		998·8		999·9	85·5	81·4	79·8	34·7		83		5·1		0	0	3	3	16	2	0	0	6
Srimangal	0000	69	1000·1		1002·5	78·0	76·7	76·0	30·8		93		5·8		0	0	0	0	0	0	0	0	30
	0300		1001·0	+0·7	1003·4	82·0	77·6	75·8	30·3	−1·0	81	−5	5·8	+0·5	0	0	0	5	0	2	0	1	22
	1200		997·3		999·7	85·4	80·0	78·0	32·5		77		5·6		0	0	0	1	0	0	0	0	29
Sylhet (P.B.O)	0000	115	998·2		1002·1	77·9	76·8	76·2	31·1		95		6·3		0	0	6	2	2	1	2	0	17
	0300		999·3		1003·2	81·6	78·2	76·8	31·4		85		6·5		1	2	12	2	1	2	1	0	9
	1200		995·5		999·4	84·4	79·4	77·3	32·0		79		5·8		0	1	5	0	1	0	2	0	21
DACCA DIVISION																							
Mymensingh	0000	62	999·9		1002·0	79·2	77·7	77·1	31·7		93		5·7		0	0	2	11	0	0	1	0	16
	0300		1000·9	+0·6	1003·0	82·1	78·4	73·6	31·4	−0·4	85	−1	5·7	−1·0	0	0	2	21	1	0	0	0	6
	1200		997·3		999·4	85·8	80·3	78·1	32·8		78		4·6		0	0	1	16	0	0	0	1	12
Narayangenj	0000	26	1000·5		1001·4	81·1	79·5	79·0	33·6		93		6·7		1	0	7	7	11	0	0	0	4
	0300		1001·3	+0.2	1002·2	85·1	80·4	78·6	33·3	+0·2	80	−5	6·5	0·0	0	1	12	9	8	0	0	0	0
	1200		998·2		999·1	87·0	80·6	78·0	32·8		74		5·1		1	0	1	9	16	2	0	0	1

(R) Register not received.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1960.

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 Geopotential of 850/700 mbs. pressure level in GPM.	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
	G.M.T.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
DACCA DIVISION—Contd.																							
Dacca (Tejgaon)	0000	27	999·7		1000·6	80·2	79·1	78·8	33·4		96		7·0		1	0	2	15	8	2	0	0	2
	0300		1000·9		1001·8	83·8	80·3	78·8	33·8		85		7·2		0	0	4	16	7	2	1	0	0
	1200		997·7		998·6	85·7	80·3	78·1	32·9		78		5·2		0	0	1	11	14	1	1	2	0
Faridpur	0000	46	999·2		1000·8	80·2	79·1	78·8	33·4		96		5·9		1	0	2	11	12	0	0	1	3
	0300		1000·5	+0·5	1002·1	85·0	80·9	79·0	34·1	+0·2	83	—1	6·1	+0·4	1	0	1	9	17	1	0	0	1
	1200		997·6		999·2	86·1	81·3	79·0	34·3		81		5·1		1	0	2	11	12	1	0	0	3
Barisal	0000	11	1000·9		1001·3	81·4	79·8	79·1	33·9		93		4·3		0	0	2	2	3	0	0	0	23
	0300		1001·9	+0·6	1002·3	85·8	81·5	79·3	34·7	+1·0	82	—3	5·6	—0·4	0	0	2	10	3	0	1	0	14
	1200		999·3		999·7	86·1	81·1	79·4	34·0		80		4·9		0	0	3	9	6	0	0	0	12
RAJSHAHI DIVISION																							
Khulna	0000	16	1000·3		1000·9	81·5	80·7	80·4	35·4		96		4·5		0	1	0	2	4	0	0	0	23
	0300		1001·3	+0·7	1001·9	86·1	82·5	81·2	36·2	+2·7	86	+6	6·2	—0·4	1	1	1	8	8	1	0	0	10
	1200		998·5		999·1	86·1	82·6	81·4	36·4		86		4·0		0	0	0	10	9	0	0	0	11
Satkhira	0000	16	1000·0		1000·5	82·3	80·5	79·8	34·8		91		5·4		0	0	0	0	0	0	0	0	30
	0300		1001·1	+0·8	1001·6	87·0	82·3	80·3	35·6	—0·9	82	0	6·0	+0·7	0	0	0	0	1	1	0	0	28
	1200		998·2		998·7	87·2	81·4	79·1	33·8		76		4·6		1	0	0	0	3	0	0	0	26
Jessore (P.T)	0000	26	999·3		1000·2	80·9	79·9	79·3	34·4		96		6·0		0	0	3	3	7	1	0	0	16
	0300		1000·5	+0·2	1001·4	85·9	81·9	80·4	35·4	+1·6	84	+1	6·9	+1·1	1	1	6	13	5	2	1	0	1
	1200		997·9		998·8	87·1	82·6	80·1	36·0		82		4·7		0	0	2	2	22	0	0	0	4
Pabna	0000	48	998·8		1000·4	79·9	79·0	78·7	33·5		96		6·4		0	5	3	19	1	1	0	1	0
	0300		999·6		1001·2	85·0	80·9	79·3	34·1	+0·8	83	—1	5·7		0	3	2	16	6	2	0	1	0
	1200		996·2		997·8	86·8	82·8	81·2	36·5		84		4·6		0	2	2	21	3	1	0	1	0
Sirajganj	0000	51	999·2		1000·9	79·7	78·4	78·1	32·5		94		6·8		0	2	0	0	8	0	0	0	20
	0300		999·9		1001·6	83·9	80·4	79·2	33·9		85		6·8		0	7	2	7	6	0	0	1	7
	1200		996·8		998·5	86·3	81·4	79·2	34·5		80		4·5		0	1	1	4	9	0	0	0	15
Rajshahi	0300												4·8										
Bogra (P.B.O)	0000	65	998·6		1000·8	79·6	78·2	77·7	32·3		93		7·1		1	1	11	3	2	1	0	0	11
	0300		999·6	+0·3	1001·8	84·1	80·0	78·2	33·1	+0·8	83	—2	6·5	+0·6	1	2	8	17	2	0	0	0	0
	1200		996·1		998·3	86·6	81·2	79·1	33·9		78		5·1		0	0	8	14	4	0	0	0	4
Dinajpur	0000	123	996·3		1000·6	79·4	77·3	75·9	31·0		91		4·2		0	0	4	0	0	0	0	0	26
	0300		997·1	0·0	1001·3	84·3	78·8	76·2	31·1	—0·3	77	—9	4·6	—1·4	0	0	7	0	0	0	0	0	23
	1200		993·6		997·8	87·5	81·0	77·9	33·2		74		3·4		0	0	9	1	0	0	0	0	20
Rangpur	0000	113	997·4		1001·3	78·0	76·9	76·4	31·1		95		5·6		2	3	6	3	6	1	1	0	8
	0300		998·8		1002·6	82·2	79·2	77·9	32·7		87		5·4		4	8	8	4	3	0	1	2	0
	1200		994·9		998·7	86·9	81·7	79·5	34·6		80		4·3		5	2	2	13	3	1	1	0	3

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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 M.S.L. of Geopotential of 850/700 mbs. pressure level in G.P.M.	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																							
Jammu (x)	0300	1200																					
	1200																						
LAHORE																							
Lahore (P.B.O)...	0000	702	973·5		997·3	82·3	71·3	64·8	21·2		56		1·6		0	2	2	4	0	0	3	0	19
	0300		974·9	+0·4	998·3	90·7	74·6	65·8	22·9	+0·1	45	—2	1·6	0·0	1	1	1	8	0	6	4	2	7
	1200		971·5		994·2	106·1	76·5	59·0	17·7		23		0·8		0	2	1	1	1	5	8	5	7
Lahore (Cantr)	0000	709	972·9		996·7	82·9	71·7	65·0	21·4		56		1·5		0	4	6	1	2	3	6	1	7
	0300		974·5	—	997·9	90·5	74·7	66·0	22·2	—	46	—	1·5	—	1	1	2	7	3	4	6	2	4
	1200		970·9		993·5	105·8	77·1	60·4	18·7		25		0·9		2	2	3	1	1	2	9	10	0
Lahore (Walton)	0000	699	973·1		996·7	81·7	71·6	65·7	21·9		60		1·7		0	2	3	7	0	5	2	3	8
	0300		974·6	—	997·9	91·1	75·2	66·6	22·6	—	45	—	1·6	—	2	1	1	11	2	4	4	2	3
	1200		971·2		993·7	106·1	77·7	61·7	19·5		25		1·1		0	3	0	3	0	5	9	9	1
Sialkot	0000	830	967·9 (f)		995·8 (f)	82·2	68·3	59·8	17·4		46		0·4		0	5	0	2	0	0	0	0	(b) 24
	0300		970·1	—0·4	997·6	90·7	72·8	62·2	19·5	—2·1	39	—9	0·8	—0·6	0	8	0	1	0	0	0	2	19
	1200		966·6		993·3	106·3	77·3	60·8	18·8		24		1·2		0	3	0	3	0	4	0	4	(d) 13
RAWALPINDI																							
Jhelum	0000	765	971·1		997·0	80·1	66·7	57·0	16·3		46		1·3		1	1	0	5	1	1	1	2	18
	0300		972·4		997·8	92·4	70·8	56·5	15·9	—	31	—	1·9	—	1	4	0	6	4	1	2	2	10
	1200		968·4		993·0	106·2	74·1	52·1	14·2		18		1·7		1	0	4	1	10	6	3	5	0
Chaklala	0000	1667	942·9		998·5	78·7	63·8	53·0	14·2		42		1·8		1	6	2	1	1	0	2	1	16
	0300		944·0	—	998·6	88·9	68·0	54·5	14·9	—	32	—	1·8	—	1	0	5	6	2	0	1	1	14
	1200		941·2		994·3	102·8	70·8	49·1	12·7		18		1·6		2	3	0	3	2	2	13	4	1
Rawalpindi	0000	1675	942·4		998·3	78·9	64·5	53·8	14·9		44		2·2		9	3	5	1	3	0	5	2	2
	0300		943·3	+0·2	998·0	90·6	69·9	57·5	16·5	—1·7	34	—3	2·0	+0·1	3	5	5	2	1	0	2	3	9
	1200		940·3		993·6	103·1	70·2	46·9	11·8		16		2·2		3	2	1	3	2	3	9	7	0
Khushab	0000	616	*		*	83·3	72·2	65·9	22·0		56		1·2		0	0	11	1	0	0	0	0	18
	0300		977·3	0·0	997·9	92·1	73·6	62·7	19·9	—0·9	39	—4	1·2	—0·1	1	1	13	1	2	0	1	0	11
	1200		974·1		994·0	107·8	77·7	60·4	18·8		23		0·6		0	0	10	2	7	0	1	0	10
Sargodha (P.A.F)	0000	617	976·0		996·8 (c)	83·1 (c)	71·7 (c)	65·0 (c)	21·1		55		1·3		2	3	7	3	0	1	0	1	13
	0300		977·6	—	998·1 (c)	91·3 (c)	75·3 (c)	66·7 (c)	22·7	—	45	—	1·2	—	1	2	3	5	3	9	1	0	6
	1200		974·2		994·1 (b)	107·0 (b)	76·5 (b)	57·8 (b)	17·3		21		0·9		1	3	3	7	1	9	3	2	1

(*) Data rejected. (x) Data not available. (b) Mean for 29 29 days. (c) Mean for 28 days. (d) Mean for 27 days. (f) Mean for 25 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1960.

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 Geopotential of 850/700 Mbs. pressure level in GPM.	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									
MULTAN																							
Lyallpur	0000	605	976·2		996·7	82·9	*	—	—		—		0·9		0	1	0	1	1	2	0	2	23
	0300		977·8	+1·0	998·1	87·9	*	—	—	—	—	—	1·4	—0·4	1	1	1	2	6	5	5	2	7
	1200		974·8		994·4	105·4	*	—	—		—		0·4		2	1	1	3	4	4	6	4	5
Montgomery	0000	558	978·4		997·2	84·1	71·8	64·2	21·4		52		0·3		0	1	0	2	0	8	1	0	18
	0300		979·4	+0·6	998·0	89·7	75·3	67·7	23·4	—3·4	49	—8	0·6	—0·4	0	1	0	6	2	14	2	1	4
	1200		976·3		994·3	106·1	77·7	60·7	19·5		25		0·0		0	0	0	4	0	9	1	0	16
Multan (P.B.O)	0000	404	982·8		996·5	86·3	73·6	66·8	22·5		52		0·9		1	0	3	1	10	5	1	1	8
	0300		984·3	—	997·9	90·1	75·9	68·4	24·1	—	50	—	1·0	—	1	0	3	1	10	13	0	0	2
	1200		980·9		993·8	108·0	76·9	59·0	17·5		21		1·2		0	3	3	2	10	9	1	2	0
Multan (Surf)	0300	413	983·8	+0·6	997·6	90·6	77·5	70·8	26·3	—0·6	54	—2	0·8	0·0	2	0	0	1	6	10	0	1	10
	1200		980·0		993·4	107·0	78·0	62·4	19·5		24		1·6		0	1	2	2	7	11	1	1	5
BAHAWALPUR																							
Leiah	0000	487	*		*	82·7	*	*	*		*		*		4	1	0	1	3	0	0	0	21
	0300		986·2		1002·3	93·3	*	*	*	—	*	—	0·6	—	1	0	0	3	5	0	1	0	20
	1200		(c) 983·3		(c) 999·0	108·9	*	*	*		*		1·4		1	0	1	2	6	0	1	0	19
Khanpur (Surf) (x)	0300	297																					
	1200																						
Khanpur (P.B.O)	0000	290	987·8		997·2	84·6	76·4	72·1	27·4		68		0·7		0	0	2	2	0	20	2	0	4
	0300		988·9	—	998·7	88·1	77·9	73·5	28·0	—	62	—	0·9	—	1	2	0	1	1	22	1	0	2
	1200		x		x	108·4	79·2	64·0	20·7		25		0·5		4	1	1	2	1	14	4	0	3
Bahawalpur	0300	384	985·4	+0·8	998·2	90·7	*	*	—	—	—	—	1·3	+0·3	1	1	4	1	10	11	1	0	1
	1200		981·6		993·9	109·0	*	*	—		—		0·9		2	3	2	2	4	10	0	6	1
Fort Abbas	0000	475	982·0		997·9	86·1	73·8	67·1	22·9		53		0·3		1	1	3	0	1	16	3	0	5
	0300		983·2	—	999·0	92·3	75·9 (b)	67·3 (b)	23·5	—	44	—	0·4	—	1	2	2	0	1	14	9	1	0
	1200		978·9		994·1	108·7	76·2 (b)	56·2 (b)	16·1		19		0·7		1	3	5	0	2	11	6	0	2

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

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1960.

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.	%	%	oktas	oktas									
PESHAWAR																							
Chakdara	0000	2197	924·2		997·3	74·4	(P) 59·7	(P) 47·3	11·2		39		1·3		0	3	2	11	0	0	11	0	3
	0300		925·4	—	997·9	80·9	(P) 63·3	(P) 52·8	12·7	—	36	—	1·1	—	0	0	2	17	0	0	4	0	7
	1200		921·9		991·6	99·6	(O) 71·3	(O) 55·0	14·6		23		1·9		0	0	1	5	0	0	16	0	8
Peshawar	0000	1177	957·8		997·1	82·3	64·8	50·4	13·0		35		1·5		5	0	2	2	4	1	2	1	13
	0300		950·5	+0·1	998·2	91·1	69·8	54·3	15·2	—1·7	30	—6	1·2	−0·5	8	1	4	2	0	2	1	3	9
	1200		956·0		993·7	104·1	72·9	50·1	13·5		18		2·7		5	6	8	3	0	3	2	3	0
Risalpur	0000	1009	963·0		997·0	77·7	65·1	55·9	15·5		48		2·3		2	4	2	3	0	2	5	2	10
	0300		964·3	—	997·8	90·5	70·0	55·8	15·7	—	32	—	1·8	—	3	2	3	5	3	7	6	1	0
	1200		960·8		993·1	107·1	74·6	52·4	14·5		18		2·9		2	0	2	2	0	6	12	6	0
Haripur	0300	1757	939·9	—	997·3	89·4	69·2	57·1	16·2	—	34	—	1·9	—	2	2	0	6	1	18	0	1	0
	1200		937·7		993·5	103·8	73·6	58·1	15·9		22		1·4		0	1	0	14	0	9	0	6	0
Campbellpur (R)	0300	1175																					
	1200																						
D. I. KHAN																							
Kohat (P.A.F)	0000	1667	943·0		998·0	83·9	63·6	47·3	11·8		30		1·4		0	1	1	1	0	0	3	17	7
	0300		944·3	—	998·6	91·6	66·9	48·4	12·5	—	25	—	1·1	—	0	3	2	2	1	1	4	13	4
	1200		941·5		994·7	102·4	69·0	42·9	10·6		14		2·5		2	10	0	2	0	4	5	6	1
Bannu	0000	1263	954·1		996·3	82·9	*	*	*		*		0·1		2	1	3	1	1	0	1	11	10
	0300		955·7	—	997·3	90·6	*	*	*	—	*	—	0·3	−1·1	0	3	1	4	0	0	6	8	8
	1200		952·8		993·2	104·7	*	*	*		*		2·4		3	4	3	13	6	1	0	0	0
D. I. Khan	0000	570	977·4		996·7	82·6	*	*	*		*		0·9		0	7	0	0	1	0	1	0	21
	0300		978·1	0·0	997·1	91·5	*	*	*	—	*	—	0·9	−0·2	0	7	0	3	0	0	0	1	19
	1200		975·0		993·3	107·6	*	*	*		*		1·1		0	5	0	3	2	1	0	1	18
Mianwali	0000	679	972·6		995·5	82·4	74·3	69·8	25·4		67		1·7		3	0	0	1	1	0	0	0	25
	0300		974·5	—	997·0	93·4	77·4	69·7	24·8	—	46	—	1·6	—	3	0	1	3	2	0	1	1	19
	1200		971·2		993·4	105·0	81·7	69·8	26·3		34		2·0		0	0	0	4	5	4	1	4	12

(R) Register not received. (*) Data rejected. (O) Mean for 16 days. (P) Mean for 15 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1960.

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 Geopotential of 850 /700 Mbs. pressure level in GPM.	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									
QUETTA																							
Sibi	0000	441	981·9		996·7	89·7	73·1	62·9	20·3		43		0·8		0	0	0	1	1	0	0	0	28
	0300		983·3	+1·1	998·0	92·7	77·1	69·2	24·7	+3·7	48	+8	1·2	+0·7	0	0	0	2	0	3	0	0	25
	1200		979·0		993·0	113·0	78·2	57·9	17·1		17		1·9		0	0	0	5	4	16	0	2	3
KALAT (North)																							
Nokkundi	0000	2229	924·5		997·2	85·4	62·8	44·4	10·4		25		0·0		2	2	0	0	0	0	2	17	7
	0300		926·0		997·7	93·2	60·4	53·1	14·9	−4·3	28	−12	0·0	−0·6	5	3	3	1	0	1	2	10	5
	1200		923·6		992·0	108·3	75·6	57·0	16·9		20		0·0		6	1	0	0	0	2	1	15	5
KALAT (South)																							
Turbat	0000	510	981·7		998·9	84·9	77·4	73·3	28·7		70		1·2		0	0	1	0	4	10	5	0	10
	0300		982·9		1000·1	88·8	79·4	75·1	30·1		65		1·5		0	0	1	1	2	4	7	3	12
	1200		978·5		995·1	109·3	84·5	73·2	29·1		33		0·0		0	1	0	0	4	15	8	1	1
Jiwani	0000	185	993·5		999·8	83·0	79·4	77·8	32·6		85		4·6		0	0	0	7	6	7	1	0	9
	0300		994·7		1001·0	85·7	79·9	77·2	32·4		26		5·1		0	0	2	12	7	4	1	1	3
	1200		992·1		998·4	89·3	81·5	78·1	33·2		69		3·0		0	0	0	3	19	7	1	0	0
Pasni	0000	28	998·7		999·6	82·6	80·7	79·2	34·8		91		3·5		0	0	2	2	1	3	8	0	14
	0300		1000·1	+0·9	1001·0	85·4	82·1	80·6	36·0	+3·0	85	+2	4·1	+1·1	0	1	1	2	2	7	8	1	8
	1200		997·1		998·0	90·7	83·3	80·6	34·4		72		1·5		0	0	0	1	9	20	0	0	0
Ormara	0000	15	999·0		999·5	83·4	80·4	79·2	34·1		87		5·8		0	0	0	0	1	1	17	0	11
	0300		1000·5		1001·0	87·0	81·7	79·7	34·6	+1·5	79	−5	5·7	+2·0	0	0	1	0	0	1	19	0	9
	1200		997·5		998·0	91·8	82·1	78·2	33·0		65		2·0		0	0	0	0	1	8	21	0	0
Lasbela	0000	292	*			84·5	79·3	76·6	31·8		78		1·5		0	0	0	0	0	0	0	0	30
	0300		991·2	+0·7	1001·1	87·1	81·0	78·0	33·3	+26	76	+1	1·5	−1·6	0	0	0	1	0	0	0	0	29
	1200		986·6		996·2	100·8	83·8	76·3	31·8		47		0·7		3	0	0	4	6	5	0	0	12

(*) Data rejected.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1960.

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 Geopotential of 850/700 mbs. pressure level in G.P.M.	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									
FEDERAL CATIPAL AREA.																							
Karachi (Manora)	0000	13	999·0		999·4	83·2	77·8	75·2	30·1		77		5·3		0	1	0	0	0	7	19	1	2
	0300		1000·4	+0·7	1000·8	84·5	79·0	76·5	31·3	−2·2	78	−5	5·2	+0·7	0	1	0	0	0	5	22	1	1
	1200		998·0		998·4	89·5	83·9	81·9	37·2		79		4·8		0	0	0	0	0	10	20	0	0
Karachi (Mauripur)	0000	52	997·7		999·5	83·9	79·1	77·0	31·8		80		3·0		0	0	0	0	0	12	16	1	1
	0300		998·9		1000·7	86·4	79·8	77·0	31·7		74		4·7		1	0	0	0	0	11	16	2	0
	1200		996·7		998·3	89·9	81·1	77·5	32·3		67		2·6		0	0	0	0	0	26	4	0	0
Karachi (City)	0300	20	999·7		1000·4	86·6	82·4	81·0	35·9		84		4·5		0	0	0	0	0	14	15	1	0
	1200		996·9		997·6	89·0	84·1	82·1	37·7		80		3·9		0	0	0	0	1	19	9	1	0
Karachi (P. A. F) (S)	0000	38																					
	0300																						
	1200																						
Karachi (Airport)	0000	73	997·1		999·6	84·1	80·7	79·5	34·3		85		4·3		0	0	0	0	0	12	12	1	5
	0300		998·5		1001·0	86·6	81·6	79·4	34·6		80		5·2		1	0	0	0	0	13	12	1	3
	1200		995·9		998·4	90·5	83·4	80·5	35·8		74		3·5		0	0	0	0	1	22	7	0	0
HYDERABAD.																							
Badin	0000	31	*			*	*	*					0·7		1	3	0	1	0	20	0	5	0
	0300		1000·8	+2·0	1001·9	84·5	81·9	80·7	36·0	+5·0	89	+16	2·8	−0·3	1	1	0	0	0	26	0	2	0
	1200		997·8		998·9	99·0	83·3	76·8	31·7		50		0·4		0	0	0	0	6	24	0	0	0
Nagarparkar (R)	0000	178 (Prov.)																					
	0300																						
	1200																						
Umerkot (R)	0000	55																					
	0300																						
	1200																						
Chhor	0000	19	998·4		999·1	81·6	77·5	75·6	30·3		83		1·9		0	0	0	1	0	23	0	0	6
	0300		999·7		1000·4	86·6	79·6	76·5	31·4		72		3·0		0	0	0	0	4	23	1	0	2
	1200		995·9		996·5	100·6	80·8	71·8	26·9		40		2·0		0	0	0	3	1	23	3	0	0
Hyderabad	0000	98	995·2		998·6	83·4	78·0	75·7	30·3		77		2·9		0	0	0	0	0	5	24	0	0	1
	0300		996·4	+1·0	999·8	86·9	78·9	75·4	30·1	+2·0	69	+4	3·3	+1·3	0	0	1	0	2	26	0	0	1
	1200		993·6		996·8	99·8	80·5	71·6	26·8		41		1·3		0	1	0	1	5	22	0	0	1

(R) Register not received. (*) Data rejected. (S) Observations suspended.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1960.

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 Geopotential of 850/700 mbs. pressure level in G.P.M.	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									
KHAIRPUR																							
Pad Idan	0000	153	991·2		996·4	83·2	77·0	74·1	28·9		74		0·6		0	0	2	22	6	0	0	0	0
	0300		992·8		998·0	88·1	79·0	75·0	29·7		65		0·6		0	1	0	22	6	1	0	0	0
	1200		989·2		994·1	110·7	78·3	60·3	18·4		20		0·3		3	2	1	12	9	1	1	1	0
Nawabshah	0000	124	993·0		997·3	83·0	78·3	76·3	31·0		80		0·8		0	0	0	1	23	4	0	0	2
	0300		994·7		999·0	87·9	80·3	76·6	31·8		71		1·0		0	0	0	1	29	0	0	0	0
	1200		991·3		995·4	107·3	83·5	73·6	28·3		34		0·6		0	1	1	0	21	2	0	1	4
Sukkur	0300	221	990·5	+0·4	997·9	86·4	78·5	74·8	29·7	+1·2	68	+1	1·4	+0·9	0	0	0	2	13	13	0	0	2
	1200		986·4		993·6	109·2	81·9	69·2	24·7		28		1·0		1	1	1	0	7	12	4	0	4
Kashmore	0000	255	987·4		995·8	84·2	69·7	59·7	10·3		45		0·4		0	0	0	0	0	0	0	0	30
	0300		(b) 989·7		(b) 998·1	(b) 89·1	(b) 75·6	(b) 67·0	24·1		51		(b) 0·5		0	2	0	0	2	(b) 0	0	0	25
	1200		987·2		995·2	109·4	75·4	51·4	14·6		16		0·3		0	1	0	0	7	0	0	0	22
Jacobabad	0000	183	990·3		996·5	86·4	77·0	72·7	27·5		63		0·7		1	2	6	13	8	0	0	0	0
	0300		992·1	+1·1	998·3	89·9	78·9	73·9	28·7	−2·6	60	−3	0·7	+0·1	1	0	4	17	5	1	0	1	1
	1200		987·7		993·5	111·3	81·1	65·8	22·4		25		0·3		0	1	0	9	15	4	0	0	1
JUNAGADH																							
Verabal	0000	26	x		x	x	x	x					x						x				
	0300		1002·9		(c) 1003·9	84·4	x	x	x		x		(h) 0·0		1	0	0	0	0	10	(b) 12	2	4
	1200		1000·9		(i) 1001·9	87·9	82·4	80·3	35·3		78		(b) 0·0		0	0	0	0	3	5	11	(h) 0	4
AFGHANISTAN																							
Jalalabad (R)	0000	1950																					
	0300																						
	1200																						
ARABIA.																							
Muscat (S)	0300	20																					
	1200																						

(R) Data not received. (S) Observations suspended. (*) Data rejected. (x) Data not available. (b) Mean for 29 days. (c) Mean for 28 days. (i) Mean for 22 days. (h) Observations for 23 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1960.

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 Geopotential of 850/7:0 Mbs. pressure level in GPM.	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
	G.M.T.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
HILL STATIONS																							
KASHMIR																							
Srinagar (x)	0000	—																					
	0300																						
	1200																						
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	—																					
	1200																						
Sonemarg (x)	0300	—																					
	1200																						
Dras (x)	0300	—																					
	1200																						
Kargil (x)	0300	—																					
	1200																						
Leh (x)	0000	—																					
	0300																						
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	*		*	*	*	*	*		*		1·2		0	1	2	1	0	0	1	0	25
	0300		698·9	—	3091·1	54·4	41·8	26·7	5·1	—	35	—	1·3	—	0	0	2	0	0	0	3	0	25
	1200		695·6		3050·0	64·8	46·6	27·9	5·1		28		3·6		0	0	4	6	0	1	11	2	6
Aliabad (x)	0300	—																					
	1200																						
Gilgit (x)	0000	4950																					
	0300																						
	1200																						

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

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1960.

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 gravity or Geopotential 850/700 Mbs. pressure level in GPM.	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									
RAWALPINDI																							
Murree	0000	7113	780·2		1430·0	65·2	51·7	37·8	7·7		39		2·3		0	4	1	7	0	2	1	15	0
	0300		782·0	+0·5	1439·2	72·6	55·7	41·3	8·3	—3·9	33	—19	2·7	+0·5	1	1	1	5	3	0	8	2	9
	1200		780·7		1417·4	78·2	58·3	42·2	8·6		28		4·1		2	3	2	4	1	1	4	12	1
PESHAWAR																							
Drosh	0000	4806	849·0		1453·7	69·7	54·1	37·0	8·0		33		1·2		1	3	7	2	1	1	0	0	15
	0300		849·8	+1·2	1462·0	75·8	58·5	43·0	9·8	—3·6	32	—18	1·2	+0·2	0	3	5	1	0	0	0	0	21
	1200		845·6		1416·2	90·0	62·1	34·4	7·8		16		3·1		4	2	2	1	1	9	3	0	8
Cherat	0000	4272	862·6		1430·5	78·9	*	—	—		—		0·7		17	1	1	5	5	0	1	0	0
	0300		863·4	+0·7	1438·4	81·1	*	—	—	—	—	—	1·2	—0·2	15	1	0	4	6	0	0	4	0
	1200		861·6		1421·9	92·0	*	—	—		—		2·5		16	0	0	8	5	0	0	1	0
Kakul	0000	4214	864·3		1427·4	73·3	57·5	42·9	9·7		34		2·0		3	3	7	1	0	0	3	12	
	0300		865·3	—	1440·0	81·1	62·2	47·2	11·3	—	31	—	1·8	—	3	1	1	3	4	3	2	10	3
	1200		863·3		1422·3	90·6	64·0	42·3	9·7		20		2·7		2	1	1	3	1	9	8	5	0
Balakot (R)	0000	3226																					
	0300																						
	1200																						
Landikotal	0000	3503	884·7		1415·3	77·4	62·6	51·6	13·4		41		1·0		0	0	0	0	0	9	0	0	21
	0300		886·1	—	1435·2	85·6	66·3	52·4	14·2	—	34	—	0·8	—	0	3	0	0	0	17	0	0	10
	1200		883·2		1412·1	94·9	70·9	56·4	16·0		29		2·3		0	2	0	7	0	11	0	1	9
D. I. KHAN.																							
Parachinar	0000	5673	822·4		1444·9	65·9	54·7	44·3	10·0		47		1·0		24	0	0	0	0	0	0	1	5
	0300		823·4	+1·9	1450·8	73·3	60·3	49·0	12·6	+0·6	45	+2	0·5	—0·9	4	3	0	1	1	1	1	3	16
	1200		(b) 822·6		(b) 1436·3	85·7	(d) 69·0	(d) 60·4	17·2		42		2·5		2	3	0	19	0	0	0	1	5
Miranshah	0000	3026	899·1		1409·5	78·5	59·8	42·9	10·0		30		0·0		0	1	0	0	0	0	0	0	29
	0300		900·1	—	1431·5	87·2	67·2	53·4	14·7	—1·5	33	—13	0·0	—1·0	0	2	0	0	0	1	0	3	24
	1200		897·9		1415·4	98·3	70·7	53·8	14·4		23		1·8		0	13	0	0	0	0	0	1	16
Wana	0300	4503	856·1	—	1434·9	81·3	67·1	58·4	16·6	+3·4	47	+4	0·1	—0·9	0	1	0	0	0	0	0	0	29
	1200		853·9		1412·6	92·4	69·8	55·8	15·7		30		2·2		1	10	5	4	0	1	3	0	6
QUETTA																							
Fort Sandeman	0300	4614	853·7	+1·4	1443·0	80·3	63·6	51·3	13·3	+0·5	37	—17	0·5	—0·2	2	4	0	1	3	5	0	0	15
	1200		851·2		1416·5	95·1	69·7	52·7	14·4		25		3·9		3	3	1	8	3	3	1	5	3
Hindubagh	0000	5909	814·2		1421·5	76·6	*	*					0·2		0	0	0	0	0	11	12	0	7
	0300		814·3		1422·9	78·2	*	*					0·1		0	0	1	1	0	4	7	1	16
	1200		812·5		1389·2	93·0	*	*					1·4		0	1	0	3	0	7	15	3	1

(*) Data rejected. (R) Data not received. (b) Mean for 30 days. (d) Mean for 27 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JUNE, 1960.

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 Geopotential of 850/700 Mbs. pressure level in G.P.M.	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									
QUETTA—Contd.																							
Loralai	0000	4699	848·8		1418·4	69·0	63·1	59·1	17·3		71		0·4		0	0	0	0	0	1	12	8	9
	0300		849·5		1425·6	75·6	67·7	62·1	19·9		65		0·6		0	1	0	0	1	0	8	12	8
	1200		846·9		1398·5	92·8	80·0	72·3	29·8		57		3·4		2	1	1	10	5	8	0	3	0
Harnai	0300												0·3						*				
	1200												0·7						*				
Samungli	0000	5213	834·6		1433·0	62·4	52·2	43·0	9·7		50		0·6		0	0	6	19	1	1	0	0	3
	0300		835·8		1440·6	74·6	59·8	47·9	12·3		42		0·2		1	0	8	6	2	0	3	1	9
	1200		833·2		1406·8	94·1	63·6	39·6	9·1		17		2·0		2	0	0	3	1	1	8	14	1
Quetta	0300	5490	827·1	—0·7	1431·9	77·8	61·4	50·7	12·7	—2·7	39	—15	0·1	—0·4	1	4	0	0	5	4	1	0	15
	1200		825·2		140·4·7	90·3	70·0	60·5	17·7		36		1·5		2	0	0	0	3	2	9	9	5
Chaman	0000	4311	859·2		1417·2	77·7	59·9	44·4	10·4		31		0·0		0	0	14	1	0	1	0	0	14
	0300		861·3	—0·3	1428·1	80·4	61·1	44·1	10·6	—0·2	29	+1	0·0	—0·4	1	0	21	1	3	0	1	0	3
	1200		859·6		1416·8	98·5	68·1	46·8	11·1		18		0·2		2	1	0	0	1	5	12	9	0
KALAT (North)																							
Kalat (R)	0000	6616																					
	0300																						
	1200																						
Nushki	0000	3416	*			82·7	62·4	47·4	11·0		29		0·5		0	1	12	3	0	0	1	1	12
	0300		895·0		1500·1	89·9	68·1	54·7	14·7		30		0·4		0	1	13	4	0	1	2	2	7
	1200		891·8		1479·0	105·3	74·9	56·8	17·1		22		0·7		0	1	1	1	0	3	3	20	1
Dalbandin	0000	2785	907·0		1411·3	77·5	56·7	35·8	6·4		35		0·5		1	2	3	2	1	2	5	5	9
	0300		908·4	0·0	1433·5	85·4	61·0	39·1	7·4	—3·5	19	—9	0·7	+0·1	1	2	1	4	1	5	1	2	13
	1200		905·3		1425·3	107·1	68·4	37·3	6·3		10		1·6		2	7	0	5	0	4	4	8	0
KALAT (South)																							
Panjgur	0000	3177	897·7		1438·6	79·8	63·4	50·7	13·3		38		1·3		2	16	0	0	0	7	0	2	3
	0300		898·2	+1·6	1449·2	81·1	62·6	47·6	11·9	—6·9	33	—18	0·4	—0·2	0	9	0	0	0	1	1	0	19
	1200		895·7		1443·2	102·0	65·3	32·3	6·5		9		1·5		8	1	2	0	0	9	1	9	0
AFGHANISTAN																							
Kabul (R)	0300	5955																					
	1200																						
Kandahar	0300	3462	986·7	—	1420·8	74·7	62·5	53·9	14·4	—	49	—	0·5	—	0	1	2	4	1	0	1	0	21
	1200		883·7		1403·5	94·8	71·5	58·5	16·9		30		0·4		1	1	0	1	1	2	3	3	18

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

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JUNE, 1960.

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
CHITTAGONG DIVISION.																					
Rangamati	90·6		96	5	77·3		71	10	16·54		3·37	13	15		x		8	0	0	0	0
Cox's Bazar (P.T)	87·8	+1·5	93	6,7	77·3	+0·9	71	16	23·15	—7·99	5·19	11	13	—6·1	5·0	—1·1	6	0	0	0	0
Chittagong (Patenga)	88·9		95	6	78·0		73	13,29	18·34		5·61	13	14		x		10	0	0	0	0
Chittagong (P.T)	87·7	+0·8	93	6	78·3	+1·5	72	16	16·13	—4·86	4·82	13	13	—3·7	5·4	—1·6	4	0	0	0	0
Maijdee Court	88·6	+1·6	93	3,9	78·5	+0·1	72	21	20·30	—0·26	7·75	12	15	—3·3	x		1	0	0	0	0
Comilla (R)																					
Brahmanbaria...	89·5	—0·7	95	9	78·0	+3·4	71	5,15	16·86	+2·31	3·66	10	16	0·0	4·2		11	0	0	0	0
Srimangal	90·7	+0·8	97	9	76·2	+0·7	70	13	23·01	—4·15	5·94	14	18	—2·1	x		25	0	0	0	0
Sylhet (P.B.O)	87·6		95	9	76·8		70	15	19·51		4·62	12	21		x		16	0	0	0	0
DACCA DIVISION																					
Mymensingh	89·0	+1·2	96	9	77·0	+0·1	71	4	15·13	—2·47	2·74	16	14	—3·8	1·1	—1·1	6	0	0	0	0
Narayanganj	90·5	+1·3	95	9	79·6	+1·5	72	5	11·94	—0·45	6·29	10	7	—7·5	4·6	+0·3	*	0	0	0	0
Dacca (Tejgaon)	89·6		93	5 days	79·2		71	5	9·93		2·80	10	12		7·9		10	0	0	0	0
Faridpur	90·2	+1·0	94	2,9,14	78·5	+1·1	74	5,16	9·25	—3·54	1·63	11	12	—3·2	3·9	—2·6	4	0	0	0	0
Barisal	89·8	+1·0	94	2,9	79·7	+1·4	74	13,16	17·48	+1·43	4·75	12	14	—2·7	x		4	0	0	0	0
RAJHSHAHI DIVISION.																					
Khulna	91·8	+1·2	98	18	80·1	+1·2	76	10,12,16	7·68	—4·78	3·25	12	7	—7·7	4·3	+0·4	0	0	0	0	0
Satkhira	92·9	+1·1	97	7,9	80·5	+1·7	74	17	3·83	—8·37	0·92	10	11	—2·7	1·1	—1·8	0	0	0	0	0
Jessore (P.T)...	92·0	+1·3	96	7,14	79·5	+1·6	72	7	3·81	—8·41	1·26	20	8	—6·0	4·2	+1·2	0	0	0	0	0
Pabna	91·9	+0·3	96	14	75·5	—0·1	73	5	5·24	—6·03	1·51	15	12	—2·5	x		16	0	0	0	0
Sirajgonj	90·2		94	9,10	78·3		71	5	3·47	—8·85	0·84	15	11	—3·3	3·1		5	0	0	0	0
Rajshahi									3·38	—7·84	1·40	17	7	—6·2							
Bogra (P.B.O)	90·5	+0·7	96	10	78·1	+0·9	69	4	4·29	—8·75	1·18	4	8	—6·5	2·9	+0·8	5	0	0	0	0
Dinajpur	91·0	+1·5	97	10	76·5	—0·8	71	7	8·75	—4·89	2·71	17	11	—3·1	2·4	—0·2	11	0	0	0	0
Rangpur	89·2		96	10	76·7		70	4	14·65	—3·13	4·12	16	15	—0·7	2·8		7	0	0	0	0

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

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JUNE, 1960.

Division and Station.	Maximum Temperature of the Air oF				Minimum Temperature of the Air oF				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																					
Jammu (x)																					
LAHORE																					
Lahore (P.B.O)	107·7	+1·8	117	8,9	81·3	+2·3	72	14	0·78	—0·86	0·42	27	2	—0·8	2·5	+0·3	6	0	0	0	0
Lahore (Cantt.)	107·0	—	116	8	81·3	—	72	14,15	1·20	—	0·50	27	3	—	(b) 4·6	—	6	0	0	0	1
Lahore (Walton)	108·1	—	117	8,9	80·6	—	72	14	0·59	—	0·27	14	2	—	5·2	—	6	0	0	0	4
Sialkot	108·5	+3·5	115	4 days	79·6	—0·7	70	16	0·95	—1·44	0·80	30	2	—1·5	(d) 2·6	+0·5	1	0	0	0	8
RAWALPINDI																					
Jhelum	108·9	—	117	8	78·7	—	71	15,16	0·28	—	0·27	30	1	—	2·3	—	7	0	0	0	2
Chaklala	105·2	—	113	4 days	76·7	—	67	15,16	0·29	—	0·23	15	1	—	(i) 5·3	—	10	0	0	0	2
Rawalpindi	105·9	+2·4	114	11	77·5	+1·6	68	15	0·22	—2·09	0·14	15	1	—2·3	x	—	5	0	0	0	0
Khushab	110·0	+3·4	121	8	*	—	—	—	0·51	—0·90	0·25	27	3	+0·7	4·3	—0·7	0	0	0	0	1
Sargodha (P.A.F)	*	—			*	—	—	—	1·10	—	0·50	14	4	—	2·9	—	7	0	0	0	4
MULTAN																					
Lyallpur	106·8	+0·8	115	8	81·2	—0·5	71	15	0·70	—0·52	0·32	27	3	+0·9	2·8	0·0	4	0	0	0	4
Montgomery	108·0	+0·2	116	8	82·0	—1·3	72	27,28	2·68	+1·70	2·11	27	2	+0·4	2·3	—2·5	1	0	0	0	2
Multan (P.B.O)	110·1	—	117	26	84·2	—	77	17	0·00	—	0·00	—	0	—	7·1	—	0	0	0	3	5
Multan (Surf)	110·3	+3·7	116	25	85·7	+0·9	79	17	0·00	—0·55	0·00	—	0	—1·0	x	—	2	0	0	0	5
BAHAWALPUR																					
Leiah	113·4	—	120	27	81·3	—	76	4,8	0·00	—	0·00	—	0	—	—	—	3	0	0	0	4
Khanpur (Surf)																					
Khanpur (P.B.O)	109·5	—	115	24,25	83·2	—	78	18,28	0·13	—	0·13	28	1	—	—	—	3	0	0	0	3
Bahawalpur	109·4	+1·0	114	4	86·7	+3·2	79	16	0·00	—0·28	0·00	—	0	—0·6	5·7	+1·2	0	0	0	0	0
Fort Abbas	111·4	—	118	9	*	—	*	—	0·00	—	0·00	—	0	—	(b) 7·1	—	0	0	0	0	0
PESHAWAR																					
Chakdara	102·2	—	108	7,8	59·4	—	51	16,17,18	0·00	—	0·00	—	0	—	—	—	2	0	0	0	0
Peshawar	106·6	+1·6	116	8,12	79·8	+2·6	70	15	0·02	—0·29	0·02	14	0	—0·9	3·9	+1·7	6	0	0	0	4
Risalpur	110·2	—	118	10	75·3 (b)	—	66	5	0·00	—	0·00	—	0	—	4·9 (b)	—	6	0	0	0	1
Haripur	106·1	—	113	4 days	75·5	—	66	16	0·00	—	0·00	—	0	—	6·0	—	0	0	0	0	1
Campbellpur (R)																					

(R) Register not received. (*) Data rejected. (x) Data not available. (b) Mean for 29 days. (d) Mean for 27 days. (i) Mean for 22 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JUNE, 1960.

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
D. I. KHAN.																					
Kohat	106·6	—	116	8	82·1	—	70	15	0·71	—	0·39	13	2	—	4·8	—	15	0	0	0	2
Bannu	107·5	+1·4	117	14	81·1	+1·4	72	15	0·06	—0·85	0·06	15	0	—1·5	2·9	—	3	1	0	0	1
D. I. Khan	110·3	+2·5	118	26	81·2	—0·3	73	15,17	0·02	—0·59	0·02	17	0	—1·3	1·7	—0·1	0	0	0	0	2
Mianwali	111·2	—	121	8	81·5	—	71	15	0·10	—	0·09	27	0	—	x	—	0	0	0	0	3
QUETTA																					
Sibi	115·0	+2·3	121	14	89·5	+2·0	77	28	1·54	+1·24	1·52	28	1	+0·5	3·1	—1·8	0	0	0	0	0
KALAT (North)																					
Nokkundi	110·3	+1·0	117	7,25	83·4	+1·6	75	16	0·00	0·00	0·00		0	0·0	x		0	0	0	0	0
KALAT (South)																					
Turbat	111·0		119	15,16	x				0·00		0·00		0		x		0	0	0	0	0
Jiwani	91·1		95	16	82·1		79	3	0·00		0·00		0		9·2		0	0	0	0	0
Pasni	94·0	+0·2	100	30	81·1	+2·6	79	5 days	0·00	—0·26	0·00		0	—0·2	9·6	+3·0	0	0	0	0	0
Ormara	95·0	+2·3	104	29,30	82·4	+0·4	80	4 days	0·00	—0·03	0·00		0	—0·2	8·9	+0·1	0	0	0	0	0
Lasbela	108·4	+2·8	114	16,30	82·2	+1·8	79	20	x				x		x		4	0	0	0	3
FEDERAL CAPITAL AREA																					
Karachi (Manora)	94·2	+3·8	104	30	81·8	—0·5	76	1	0·00	—0·72	Tr	14	0	—0·6	x		0	0	0	0	0
" (Mauripur)	92·4		100	30	83·2		73	30	0·20		0·20	30	1		10·1		1	0	0	0	0
" (City)	92·2		104	30	81·3		72	30	0·00		0·00		0		7·7		0	0	0	0	0
" (P.A.F) (S)																					
" (Air Port)	94·4		104	30	83·3		80	30	0·00		Tr	10,13,14	0		10·5		1	0	0	0	0
HYDERABAD																					
Badin	102·1	+1·1	107	19,24	81·9	—0·1	80	5 days	0·00	—0·65	0·00		0	—0·8	x		0	0	0	0	0
Nagarparkar (R)																					
Umerkot (R)																					
Chhor	103·6		107	29	81·1		79	4 days	1·25		0·93	29	3		8·5		3	0	0	0	0
Hyderabad	103·2	—1·3	110	25	82·9	+0·9	81	6 days	0·00	—0·39	0·00		0	—0·6	11·4	+1·6	0	0	0	0	0

(R) Register not received. (S) Observations suspended. (*) Data rejected. (x) Data not available.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JUNE, 1960.

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.	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
KHAIRPUR																					
Pad Idan	112·4		118	8,9	82·4		77	15	0·00		Tr	30	0		9·1		0	0	0	0	0
Nawabshah	109·8		115	9	82·3		77	6	0·10		0·10	29	1		10·4		2	0	0	0	3
Sukkur	110·4	+1·3	116	25	83·0	—0·4	80	4 days	0·00	—0·14	0·00		0	—0·5	3·9	—0·3	0	0	0	0	0
Kashmore	110·3		115	26,27	81·0		77	28	0·00		0·00		0		(c) 6·2		0	0	0	0	0
Jacobabad	112·6	—1·3	120	8	85·4	+0·5	81	28	0·02	—0·24	0·02	28	0	—0·3	(b) 7·6	+1·4	2	0	0	0	2
JUNAGADH.																					
Veraval	x		x		x				(b) 0·28		0·28	14	1		x		0	0	0	0	0
AFGHANISTAN																					
Jalalabad (R)...																					
ARABIA.																					
Muscat (S)																					
HILL STATIONS																					
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)...																					
Gunez (x)																					
Sonemarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Mirpur	69·1	—	76	8,9	44·7	—	38	13	0·00	—	Tr	18	0	—	(h) 3·8	—	0	0	0	0	0
Allahad (x)																					
Gilgit (x)																					
RAWALPINDI																					
Murree	82·2	+1·5	90	9,10,11	62·2	+1·7	51	15	1·44	—2·54	0·68	30	3	—2·8	5·3	+1·3	7	0	0	0	0

(R) Register not received. (S) Observations suspended. (x) Data not available. (b) Mean for 29 days. (c) Mean for 28 days. (d) Mean for 27 days. (h) Observations for 23 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JUNE, 1960.

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 99 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
PESHAWAR																					
Drosh	95·0	+3·1	102	5 days	68·3	−0·2	59	22	0·85	+0·20	0·30	18	3	+1·0	4·3	+0·6	10	2	0	0	0
Cherat	96·2	+3·0	103	8	75·6	+2·4	64	15	0·38	−0·76	0·22	15	2	0·0	7·0	+1·3	0	1	0	0	0
Kakul	94·5	—	103	10,11	72·3	—	61	16	0·53	—	0·26	16	2	—	—	—	9	0	0	0	1
Balakot (R)																					
Landikotal	97·7	—	104	11,25	74·7	—	64	15,18,19	0·00	—	0·00	—	0	—	4·5	—	4	0	0	0	0
D. I. KHAN																					
Parachinar	89·6	+1·9	99	8	63·2	−0·5	56	15	2·15	+0·15	1·30	14	3	−1·5	3·1	+0·7	0	1	0	0	0
Miranshah	101·6	+2·7	112	8	77·3	+0·2	72	4 days	0·13	−0·78	0·13	21	1	−0·6	3·6	−1·6	0	0	0	0	0
Wana	96·9	+2·3	106	9	*				0·45	+0·02	0·30	17	2	+0·5	3·2	—	0	2	0	0	0
QUETTA																					
Fort Sandeman	99·1	−0·1	105	9,25,26	73·5	+0·6	66	1,8	0·12	−0·52	0·07	16	0	−1·3	x		0	0	0	0	0
Hindubagh	93·8		100	8	*				0·00		0·00		0		4·8		0	0	0	0	0
Loralai	96·1		103	8	66·1		60	1	0·16	−0·19	0·16	17	1	+0·9	3·4		0	0	0	0	0
Harnai									2·00	+1·25	1·25	28	2	+0·5	x		0	0	0	0	0
Samungli	95·9		100	25,26	59·8		49	6	0·00		0·00		0		5·6		0	0	0	0	2
Quetta	93·3		97	6	62·4		52	15	0·03		0·03	21	0		3·6	+1·4	0	0	0	0	0
Chaman	100·3	+1·5	106	25	74·4	+2·2	66	14	0·00	−0·02	0·00		0	0·0	x		0	0	0	0	0
KALAT (North)																					
Kalat (R)																					
Nushki	107·7		113	6 days	81·4		75	16,17	0·00		0·00		0		x		0	0	0	0	0
Dalbandin	109·1	+1·8	113	7,2,256	75·1	+2·1	64	16	0·00	−0·01	Tr	21	0	0·0	4·5	−0·3	1	0	0	1	0
KALAT (South)																					
Panjgur	102·7	−0·5	107	25,26	74·4	−0·2	69	5	0·07	−0·05	0·07	2	0	−0·4	x		0	0	0	0	3
AFGHANISTAN																					
Kabul (R)																					
Kandahar	101·2	—	103	8	67·1	—	59	17	0·00	—	0·00	—	0	—	0·8	—	0	0	0	0	0

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

A.S.M. Press, Dacca—Civil—15,—21-10-64—200 Copies

Regd. No. S-1452.

PAKISTAN WEATHER REVIEW, 1960.

Monthly Weather Report

July.

PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN

Chief Features—1. A depression formed in the north Bay of Bengal in the first week which caused strengthening of the monsoon over East Pakistan till about the middle of the month.

2. Well-marked incursion of monsoon into the northern parts of West Pakistan towards the middle of the second week causing heavy rain and floods in some of the divisions.

West Pakistan—A depression formed in the southeast sector of the north Arabian Sea and was centred at 0300 hours GMT of the 4th within one degree of latitude 21°N and longitude 68½°E. It moved north-eastwards, crossed Kathiawar Coast, and weakened into a trough of low over Hyderabad Division by the morning of the 6th, becoming unimportant by the 8th. Simultaneously four western disturbances moved across the northern parts of the region in rapid succession. The trough of low over Hyderabad Division and these western disturbances caused local to fairly widespread rain or duststorms or thunderstorms mainly in Rawalpindi, Lahore and Hyderabad Divisions. Scattered thunderstorms or showers also occurred elsewhere over the region during the first nine days of the month. According to press report a Kutcha house collapsed in Karachi due to the rains killing a person. Damage to property and dislocation of communications due to duststorms which preceded the rains were reported from Hyderabad, Mirpurkhas and Thatta districts also.

Thereafter, the passage of two westerly low pressure waves across the northern parts caused marked incursion of the monsoon over the northern parts resulting in fairly widespread rain with locally moderate to heavy falls. Scattered to local showers were reported elsewhere over the region between the 10th and the 13th. The heavy rains over the sub montain region caused flood in the rivers Jheulum and Chenab. The Indus burst its banks at several places. Considerable damage to property and loss of life was reported from the districts of Gujrat, D. I. Khan and Sukkur.

During the rest of the month, frequent passage of western disturbances caused scattered to local thunderstorms or showers over the northern parts of the region. However, in Lahore and Rawalpindi divisions fairly widespread rain fell on a few days.

Outstanding amounts of rain fall were:—Khushab 2″ on the 3rd, Jhelum 2″ on the 8th, Murree 5″, Khanpur, Mariwat Padidan and Sukkur 2″ each on the 10th, Cheraf 8″, Jhelum 7″ Sialkot 5″ and Parachinar 3″ on the 11th, Jhelum 3″ and Bannu 2″ on the 12th, and Kakul 3″ on the 26th.

The total rainfall during the month was in large excess in Peshawar and D. I. Khan Division, in moderate excess in Rawalpindi and Multan Divisions and in slight excess in Bahawalpur Division. It was normal in Lahore Division, in slight defect in Kalat Division and in large defect elsewhere. Averaged over the region it was normal.

The mean maximum temperature was above normal in the Federal Capital Area, normal in Bahawalpur, Peshawar, D. I. Khan, Quetta Kalat and Hyderabad Divisions and below normal elsewhere. The mean minimum temperature was normal everywhere. The mean relative humidity was in excess in Multan and Hyderabad Divisions in defect in the Federal Capital Area and normal elsewhere.

The mean cloud amount was normal over the region except in Lahore, Bahawalpur, Quetta and Khairpur Divisions, where it was in excess.

East Pakistan—A depression formed in the north Bay of Bengal with centre at 0300 hours GMT. of 1st July, 1960 near Chandbali. It moved westnorthwestwards, crossed coast on the 3rd and became unimportant by the 5th. The depression activated the monsoon over East Pakistan causing fairly wide spread rain over the region with locally moderate to heavy falls till the end of the second week. The average monsoon was moderate till the 24th. During this period local to fairly widespread rain occurred with a few moderate to heavy falls mainly in Chittagong division. Localised floods occurred in Sylhet district, by the Surma and the Chattack overflowing their banks.

During the rest of the month the monsoon was generally weak. Scattered to local rain fell except on the last two days where fairly widespread rainfall was reported.

Noteworthy rainfall amounts were: Cox's Bazar 6″ on the 3rd, Satkhira 8″, Maijdee Court and Khulna 7″ each, Barisal 6″ and Jessore 5″ on the 4th, Dinajpur 5″ and Barisal 3″ on the 5th, Rangpur 5″ and Chittagong and Dinajpur 4″ each on the 9th, Jessore 9″, Dacca 5″, Brahmanbaria, Sylhet, Faridpur and Sirajgarj 4″ each on the 10th, Sylhet and Jessore 5″ each and Dacca 4″ on the 11th, Chittagong 4″ on the 12th, Maijdee Court 3″ on the 14th, Dinajpur 7″ on the 17th, Mymensingh 4″ on the 18th, Brahmanbaria and Sylhet 4″ each on the 19th, Sylhet and Rangamati 3″ each on the 20th, Sylhet 4″ on the 21st, Sylhet 6″ and Cox's Bazar 5″ on the 22nd and Satkhira 3″ on the 24th.

The total rainfall during the month was in large excess in Dacca Division, in moderate excess in Rajshahi Division and normal in Chittagong Division. Averaged over the region, it was in moderate excess.

The mean maximum and mean minimum temperatures, mean relative humidity and the mean cloud amount were normal over the entire region.

Table I contains the Divisional means of rainfall, temperature, humidity and cloud amount for the 15 divisions of Pakistan. These means are based on the observations at the Stations whose monthly means are given in subsequent tables.

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TABLE I—DIVISIONAL MEANS FOR JULY, 1960.

Division.	PRECIPITATION.				DEPARTURE FROM NORMAL OF				
							03·00 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.									
Chittagong	26·70	28·09	—1·39	—5	—1·3	+0·7	+0·5	+2	—0·1
Dacca	22·78	15·10	+7·68	+51	—0·8	—0·5	0·0	+1	+0·3
Rajshahi	19·59	13·42	+6·17	+46	—0·9	0·0	+0·6	+3	+0·4
Mean	22·73	18·47	+5·80	+34	—1·0	+0·1	+0·4	+2·[illegible]	+0·2
WEST PAKISTAN.									
Kashmir*									
Lahore	6·65	6·90	—0·25	—4	—2·1	0·0	+2·1	+5	+0·9
Rawalpindi	10·27	8·12	+2·15	+26	—2·1	+0·6	+1·8	+4	+0·5
Multan	3·59	2·43	+1·16	+48	—2·0	—0·9	+1·0	+6	+0·3
Bahawalpur	2·83	2·44	+0·39	+16	—0·9	+0·4	+1·0	+5	+1·6
Peshawar	3·35	1·83	+1·52	+83	—0·1	—0·2	+2·1	+1	+0·1
D. I. Khan	4·24	2·26	+1·98	+88	—0·4	+0·2	+3·1	+5	—0·3
Quetta	0·75	1·65	—0·90	—55	+0·6	+0·5	+0·5	—2	+0·4
Kalat	0·61	0·75	—0·14	—19	—0·3	+0·7	—1·1	—5	+0·3
Federal Capital Area	1·10	3·20	—2·10	—66	+3·2	—0·6	—2·0	—7	+0·3
Hyderabad	1·65	3·47	—1·82	—52	+0·7	+0·3	+3·1	+7	+0·7
Khairpur	2·07	1·19	—0·88	—77	—2·3	—0·3	+0·5	+4	+2·0
Mean	2·27	2·14	—0·13	—6	—0·5	+0·3	+0·8	+1	+0·6
Jiwani*									

*Data incomplete.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY, 1960.

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 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
CHITTAGONG	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb.	%	%	oktas	oktas									
Rangamati	0000	208′	997·3		1004·5	76·9	75·9	75·4	30·1		95		6·2		0	0	1	1	20	0	0	0	9
	0300		998·6		1005·8	80·8	77·5	76·0	30·8		86		5·7		1	0	1	4	20	0	0	0	5
	1200		996·0		1003·1	79·7	77·3	76·2	30·9		90		6·6		1	0	1	0	27	0	0	0	2
Cox's Bazar (P.T)	0300	38′	1003·7	+2·4	1005·0	81·5	78·5	77·3	31·9	0	87	—1	6·0	—0·5	0	0	0	8	16	6	1	0	0
	1200		1001·5		1002·7	81·2	78·1	77·1	31·4		87		6·1		0	0	0	8	14	7	2	0	0
Chittagong (Patenga)	0000	20′	1002·8		1003·5	78·4	77·2	76·5	31·4		95		7·3		0	0	0	21	5	1	0	0	4
	0300		1004·0		1004·7	81·4	78·9	77·8	32·6		89		6·8		0	0	0	22	7	2	0	0	0
	1200		1021·6		1002·3	81·6	79·5	78·6	33·5		91		7·5		0	0	0	9	18	4	0	0	0
Chittagong (P.T)	0300	46′	1003·2	+2·3	1004·7	80·7	77·6	76·5	30·9	—0·3	87	+1	6·7	+0·4	0	0	0	14	15	0	1	0	1
	1200		1000·6		1002·1	80·3	77·9	77·3	31·6		89		7·2		0	0	0	8	18	4	1	0	0
Maijdi Court ... ... R	0000	25′																					
	0300																						
	1200																						
Comilla ... ... R	0000	29′																					
	0300																						
	1200																						
Brahmanbaria	0000	32′	1001·6		1002·7	79·1	77·7	77·5	31·8		94		6·7		0	0	3	17	6	3	0	0	2
	0300		1002·6		1003·7	82·5	79·3	77·8	32·7	+1·9	86	+5	6·7		0	1	0	19	7	4	0	0	0
	1200		1000·0		1001·1	82·8	79·4	77·9	32·8		86		6·4		0	0	0	11	15	2	0	0	3
Srimangal ... ... R	0000	69′																					
	0300																						
	1200																						
Sylhet (P.W.O.)	0000	115′	998·7		1002·6	77·4	76·5	75·8	30·7		97		7·8		1	2	7	6	2	0	0	0	13
	0300		999·8		1003·7	79·9	77·9	76·9	31·8		91		7·4		0	5	5	11	4	0	0	0	6
	1200		996·8		1000·8	81·2	78·7	77·7	32·4		89		7·4		1	4	4	2	4	0	0	2	14
DACCA																							
Mymensingh	0000	62′	1000·1		1002·2	79·5	78·0	77·5	32·0		93		6·8		0	0	1	14	0	0	1	0	15
	0300		1001·3	+1·6	1003·4	81·7	78·9	77·7	32·4	—0·1	88	+1	7·0	+0·1	0	0	1	26	0	0	3	0	1
	1200		998·3		1000·4	84·1	79·9	78·2	33·0		83		6·1		0	0	2	15	0	0	1	0	13
Narayanganj	0000	26′	1001·1		1002·0	79·6	78·1	77·6	32·2		93		7·8		0	0	3	10	10	4	1	1	2
	0300		1002·1	+1·6	1003·0	83·1	79·6	78·1	32·9	0	85	0	7·7	+0·7	0	0	4	9	10	8	0	0	0
	1200		999·5		1000·4	81·6	79·4	77·7	32·4		83		7·5		0	0	0	10	19	2	0	0	0
Dacca (Tejgaon)	0000	27′	1000·4		1001·3	79·1	78·1	77·8	32·4		96		7·4		1	0	0	7	9	12	0	0	1
	0300		1001·7		1002·6	82·1	79·4	78·2	33·1		89		7·4		0	0	1	8	14	8	0	0	0
	1200		998·8		999·7	82·7	79·2	77·7	32·5		85		7·1		0	0	0	5	14	12	0	0	0

R.—Register not received.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY, 1960.

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 geopotential of 850/700 mbs. pressure level in G.p.m.	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									
DACCA—*Contd.*																							
Faridpur ... ... R	0000	46′																					
	0300																						
	1200																						
Barisal	0000	11′	1001·8		1002·2	80·0	78·5	77·9	32·6		93		5·4		0	0	3	4	3	3	0	0	18
	0300		1002·9	+2·2	1003·3	82·5	79·7	78·6	33·3	+0·2	88	+1	6·5	+0·2	0	0	3	4	3	0	2	0	19
	1200		1000·3		1000·7	83·7	80·0	78·5	33·3		85		6·2		0	0	4	4	3	0	4	0	16
RAJSHAHI—																							
Khulna	0000	16′	10.0·9		1001·5	79·6	79·1	79·0	33·8		98		5·6		0	0	1	0	3	4	0	0	23
	0300		1002·3	+2·5	1002·9	83·1	80·7	79·8	34·7	+1·9	90	+7	6·2	—0·8	0	0	1	9	10	6	0	0	5
	1200		999·7		1000·2	83·4	81·0	79·6	35·1		89		5·9		0	0	0	5	14	3	0	0	9
Satkhira	0000	16′	1000·6		1001·2	80·1	79·3	78·7	33 8		96		6·7		0	0	0	1	1	9	0	0	20
	0300		1001·9	+2·4	1002·4	83·2	80·2	78·9	33·8	+0·1	87	+2	7·0	+1·1	0	0	0	3	1	13	0	0	14
	1200		999·4		999·9	83·9	80·1	78·5	33·4		84		6·9		0	0	0	4	1	14	0	0	12
Jessore (P.T.)	0000	26′	999·8		1000·7	79·4	78·6	78·4	33·0		97		6·8		0	0	3	1	14	3	0	0	10
	0300		1001·3	+1·5	1002·2	82·6	80·2	79·2	3 ·2	+0·6	90	+5	7·0	+0·6	0	0	2	6	9	11	0	0	3
	1200		999·0		999·9	83·7	80·8	79·6	34·6		88		6·6		0	0	1	1	25	0	2	0	2
Pabna ... ... R	0000	48′																					
	0300																						
	1200																						
Serajganj	0000	51′	999·4		1001·2	79·5	78·4	78·0	32·6		95		7·6		0	0	4	5	9	2	0	0	11
	0300		1000·3		1002·0	82·5	79·7	78·6	33·3		89		7·1		0	0	3	4	9	4	0	0	11
	1200		997·3		998·9	83·6	80·5	79·5	34·1		88		7·0		0	0	4	0	17	2	0	0	8
Rajshahi																							
	0300												4·4										
Bogra (P.B.O.)	0000	65′	998·6		1000·8	79·4	78·3	77·8	32·5		95		7·5		0	0	5	2	8	8	0	0	8
	0300		999·9	+1·3	1002·1	82·6	79·7	78·6	33·4	+0·2	88	+3	7·6	+1·3	0	0	4	10	3	10	2	0	2
	1200		998·9		999·1	84·8	80·6	78·7	33·8		83		7·1		0	0	3	14	3	7	0	0	4
Dinajpur	0000	123′	996·1		1000·3	79·9	78·3	77·5	32·4		93		6·3		0	0	6	3	0	0	0	0	22
	0300		997·1	+0·6	1001·3	83·3	79·7	77·9	33·0	+0·2	85	—1	6·2	0	0	0	6	0	0	0	0	0	25
	1200		994·0		998·2	85·3	80·3	78·1	33·0		80		5·3		0	1	6	1	0	1	1	0	21
Rangpur	0000	113′	997·8		1001·7	79·5	78·4	78·0	32·7		95		6·2		2	5	6	8	4	2	0	0	4
	0300		999·3		1003·1	82·3	79·5	78·2	33·1		87		6·0		4	7	6	8	3	0	2	0	1
	1200		995·7		999·5	85·1	81·0	79·3	34·2		83		5·3		4	4	3	12	6	0	2	0	0

(R)—Register not received.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY 1960.

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 geopotential of 850/700 mbs. pressure level in G.p.m.	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																							
Jammu (x)	0300	1200																					
	1200																						
LAHORE																							
Lahore (P.B.O.)	0000	702	973·2		996·9	82·2	78·5	76·9	31·6		84		4·4		1	1	3	13	1	0	0	0	12
	0300		974·3	+0·3	997·9	85·7	79·6	77·0	31·7	+2·3	76	+7	4·0	+0·8	0	6	3	12	3	0	1	0	6
	1200		971·6		994·7	94·6	81·1	75·3	30·1		54		4·0		4	4	1	4	4	4	0	3	7
Lahore (Cantt.)	0000	709	972·6		996·4	81·5	78·9	77·8	32·5		89		4·3		0	5	13	6	5	0	0	0	3
	0300		973·7	...	997·3	85·6	80·4	78·3	33·1	...	79	...	3·7	...	1	3	9	11	2	2	0	0	3
	1200		970·9		994·1	94·3	81·7	76·5	31·2		57		3·4		2	5	8	2	5	3	4	0	2
Lahore (Walton)	0000	699	972·8		996·4	82·1	78·4	77·0	31·6		84		3·9		3	4	5	9	3	0	0	1	6
	0300		974·0	...	997·5	85·8	75·6	77·1	31·8	...	75	...	3·6	...	0	1	5	17	4	1	0	2	1
	1200		971·3 (d)		994·2 (d)	94·8 (d)	81·5 (d)	75·8 (d)	30·7		55		3·4 (c)		0	3	5	8	3	5	0	5 (d)	2
Sialkot	0000	830	968·1		996·0	80·6	76·8	75·4	29·7		83		2·6		0	3	0	1	0	0	0	0 (a)	23
	0300		969·9 (a)	—0·1	997·8 (a)	83·8 (a)	79·0 (a)	77·0 (a)	31·7	+1·8	79	+4	4·2 (e)	+1·0	0	5	0	5	0	0	0	0 (b)	20
	1200		967·0		994·4	93·1	81·7	76·6	31·8		59		2·7		0	4	0	2	0	3	0	0	20
RAWALPINDI																							
Jhelum	0000	765	970·9		996·9	81·1	77·9	76·9	31·3		86		4·1		1	3	3	3	0	0	1	2	18
	0300		972·2	...	998·0	83·8	78·5	76·1	30·9	...	78	...	4·6	...	2	3	2	13	1	0	1	2	7
	1200		969·2		994·5	92·2	81·2	76·5	31·3		61		3·7		1	1	4	6	6	8	0	1	4
Chaklala	0000	1667	942·6		998·0	80·1	76·0	74·4	29·0		83		4·1		1	6	8	7	1	1	1	0	6
	0300		943·5	...	998·7	83·0	76·2	73·4	28·1	...	73	...	3·9	...	0	6	8	11	1	1	0	0	4
	1200		941·0		995·3	92·1	78·2	72·4	27·3		53		3·4		1	3	4	14	2	4	2	1	0
Rawalpindi	0000	1675	941·9		997·6	80·4	76·1	74·2	29·0		81		4·2		2	5	7	1	0	0	0	1	15
	0300		942·8	+0·5	998·2	84·4	76·7	73·5	28·2	+1·7	70	+4	3·9	+0·5	1	5	5	11	3	2	1	1	2
	1200		940·3 (g)		994·4 (h)	92·8	78·9	73·1	28·0		53		3·3		4	1	11	4	6	2	3	0	0
Khushab	0000	616	975·6		996·4	83·8	79·7	77·4	32·8		83		2·1		0	0	15	0	0	0	0	0	16
	0300		976·7	0·0	997·4	87·0	80·6	78·4	32·8	+3·7	74	+8	2·4	—0·1	1	0	18	0	0	0	0	0	12
	1200		974·1		994·4	95·7	81·7	76·0	30·5		53		1·9		0	16	3	1	1	0	0	0	10
Sargodha (P.A.F.)	0000	617	975·6		996·3	84·5	79·3	76·9	31·8		79		3·6		0	4	14	2	2	3	0	0	6
	0300		976·8	...	997·5	87·2	80·1	77·0	31·8	...	72	...	3·7	...	2	7	14	4	2	0	0	1	1
	1200		974·1		994·4	96·5	81·8	75·5	30·4		53		3·7		2	4	14	7	1	2	1	0	0
MULTAN																							
Lyallpur	0000	605	975·7		996·1	83·9	79·6	77·9	32·6		82		2·2		0	3	1	6	1	1	0	0	19
	0300		976·6	+0·1	997·0	85·6	79·9	77·4	32·3	+0·1	77	+14	2·4	—0·8	1	3	2	9	3	3	3	1	6
	1200		974·7		994·6	96·2	82·7	76·4	32·0		55		3·7		3	3	1	5	1	2	5	6	5
Montgomery	0000	558	977·3		996·0	83·9	78·6	76·1	30·8		78		1·3		0	1	0	2	0	4	1	0	23
	0300		978·5	+0·4	997·2	87·0	80·0	77·1	31·8	+0·1	72	+2	2·1	+0·2	1	1	1	17	1	7	0	0	3
	1200		976·2		994·5	97·2	82·3	75·7	30·9		50		1·8		0	0	0	6	0	6	1	0	18
Multan (P.B.O.)	0000	404	981·9		995·5	85·7	78·8	75·6	30·5		72		3·2		2	0	5	3	11	2	1	0	7
	0300		983·2	...	996·8	88·0	79·8	76·1	31·0	...	68	...	3·5	...	0	2	0	1	12	5	2	1	8
	1200		980·5		993·7	98·8	81·0	72·8	28·0		44		3·2 (a)		2	0	3	3	5	14	1	0	3
Multan (Surface)	0300	413	982·6	+0·1	996·4	87·7	79·8	76·3	31·2	—1·2	70	+2	3·3	+1·5	1	0	3	1	7	3	0	0	14
	1200		979·7		993·2	98·7	80·3	71·7	27·0		44		3·6		5	0	2	1	8	5	0	0	10

(x)—Data not available. (a)—Mean for 30 days. (b)—Mean for 29 days. (c)—Mean for 28 days. (d)—Mean for 27 days. (e)—Mean for 24 days. (h)—Mean for 23 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY, 1960.

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 geopotential of 8.50/700 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	oktas									
BAHAWALPUR																							
Leiah	0000	487	*		*	82·1	*	*	*		*		*		3	1	1	1	2	1	0	1	21
	0300		979·8	...	995·9	93·9	84·6	82·5	37·8	...	76	...	2·9	...	4	0	1	0	1	0	1	0	24
	1200		977·5		993·4	98·9	85·6	80·7	35·9		56		3·9		2	2	1	1	5	2	1	0	17
Khanpur (Surface) ... ... (R)	0300	297																					
	1200																						
Khanpur (P.B.O.)	0000	290	986·0		995·9	84·1	78·6	76·2	30·9		77		2·3		1	4	0	0	4	14	1	0	7
	0300		987·7 (k)	...	997·3 (k)	86·6	79·6	76·4	31·4	...	72	...	2·5	...	2	2	0	0	1	21	2	0	3
	1200		984·4		994·0	100·7	82·1	74·1	28·9		43		3·3		0	3	2	1	1	15	4	2	3
Bahawalpur	0300	384	984·1	+0·5	997·0	87·9	80·8	78·0	32·9	+1·0	73	+5	3·8	+1·6	0	0	4	0	14	9	0	0	4
	1200		981·0		993·6	98·0	84·6	79·1	34·0		53		3·1		6	4	0	1	4	8	2	1	5
Fort Abbas	0000	475	980·0		996·0	84·8	77·6	74·8	29·1		72		1·7		0	1	3	0	10	13	2	0	2
	0300		981·6	...	997·5	88·7	78·7	73·7	29·9	...	63	...	1·5	...	0	1	1	1	6	14	5	0	3
	1200		978·5		994·3	99·2	80·5	70·8	27·0		43		1·5		1	3	1	2	8	8	4	0	4
PESHAWAR																							
Chakdara	0000	2197	922·9		995·7	76·5	71·4	68·8	24·3		78		3·0		2	3	1	7	1	0	8	0	12
	0300		924·0	...	996·3	80·1	73·2	69·6	25·1	...	71	...	3·2	...	0	4	6	5	2	0	3	1	10
	1200		920·5		990·8	93·4	78·9	72·7	27·8		52		2·5		0	0	0	2	8	10	10	0	1
Peshawar	0000	1177	957·0		996·2	82·4	76·3	73·2	28·2		75		2·2		3	0	3	0	1	0	4	15	8
	0300		958·2	—0·1	997·2	87·1	78·0	73·7	28·6	+3·2	65	+7	2·1	—0·7	8	2	0	0	0	1	2	10	8
	1200		954·5		992·5	98·3	80·4	72·3	27·3		43		3·5		2	18	4	1	2	1	1	0	2
Risalpur	0000	1009	961·9		995·6	84·1	75·8	71·7	26·7		67		3·4		0	8	6	5	2	2	0	0	8
	0300		963·2	...	996·7	87·9	77·6	72·7	27·6	...	60	...	3·4	...	0	4	6	14	4	1	2	1	3
	1200		959·5		992·2	99·8	79·7	70·1	25·5		39		3·5		1	2	12	9	1	2	1	1	3
Haripur	0300	1757	939·1	...	997·0	84·5	76·2	72·1	27·5	...	68	...	3·3	...	0	8	3	6	0	11	0	3	0
	1200		936·0		992·7	95·0	80·2	73·7	29·1		52		3·1		0	2	0	9	1	7	0	11	0
Campbellpur ... ... (R)	0300	1175																					
	1200																						
D. I. KHAN																							
Kohat (P.A.F.)	0000	1667	942·2		997·3	83·7	75·4	71·7	26·7		67		2·5		0	1	4	1	0	1	1	11	12
	0300		943·4	...	998·1	87·7	76·5	71·5	26·6	...	59	...	2·8	...	0	2	4	5	1	0	1	8	10
	1200		940 5		994·3	95·2	77·4	69·5	24·8		44		4·1		0	0	4	8	4	4	6	0	5
Bannu	0000	1263	953·3		995·4	83·0	77·7	74·8	30·0		78		1·7		0	0	2	3	1	0	0	0	25
	0300		954·1	...	995·8	88·0	79·6	75·7	30·7	+4·2	67	+9	1·8	—0·3	0	0	3	5	1	1	1	0	28
	1200		951·7		992·7	98·3	81·6	74·0	29·3		47		1·5		0	0	1	10	8	1	1	0	10
D. I. Khan	0000	570	976·7		995·9	83·7	81·0	80·0	34·9		80		2 5		2	3	0	0	0	0	0	0	26
	0300		977·2 (a)	—0·1	996·4	89·2	83·6	81·7	36·8	+5·9	79	+10	2·2	+0·2	1	12	0	1	0	0	0	0	17 (a)
	1200		974·2		992·8	99·5	87·2	83·3	38·5		58		1·4		0	4	3	3	1	1	0	0	18
Mianwali	0000	679	973·3		996·2	84·3	79·0	77·1	31·4		77		3·4		1	0	0	2	1	0	0	1	26
	0300		974·4	...	996·9	89·8	80·4	76·5	31·2	...	65	...	2·9	...	0	0	0	8	0	0	0	1	22
	1200		970·9		993·1	99·3	81·1	73·3	28·0		44		2·6		2	1	0	11	3	2	2	3	7

(*) Data rejected. (R) Register not received. (k) Mean for 20 days. (a) Mean for 30 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY 1960.

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	oktas									
QUETTA																							
Sibi	0000	441	980·7		995·4	90·0	78·2	72·6	27·6		57		1·5		0	0	0	3	3	0	0	0	25
	0300		981·6	+0·7	996·3	91·5	79·2	73·6	28·5	+1·4	55	+1	2·7	+1·1	0	0	0	10	4	0	0	0	17
	1200		978·1		992·2	107·8	79·8	66·4	22 0		27		3·2		0	0	0	8	13	6	0	0	4
KALAT (North)																							
Nokkundi	0000	2229	922·7		995·1	86·2	63·4	44·3	10·6		24		1·0		8	1	1	0	0	0	0	15	6
	0300		924·1		996·1	90·7	66·8	51·0	12 7	—4·5	26	—12	1·0	0·0	9	6	2	1	1	0	2	7	3
	1200		920·6		990·3	107·1	72·5	51·2	13·6		17		0·0		10	1	3	1	1	1	1	13	0
KALAT (South)																							
Turbat	0000	510	980·5		997·8	83·9	77·4	74·3	29·2		73		2·4		0	0	2	0	0	4	16	0	9
	0300		981·7		999·0	85·1	78·6	75·0	30·0		70		3·6		1	0	1	4	5	4	12	4	0
	1200		977·5		994·8	103·4	82·4	72·3	28·2		39		0·6		0	0	0	1	3	12	13	2	0
Jiwani	0000	185	992·0		998·4	82·1	78·5	76·4	31·7		85		5·1		0	2	0	6	13	7	0	0	3
	0300		993·0		999·3	83·9	78·7	76 4	31·2		79		6·0		0	0	1	10	6	8	0	0	6
	1200		990 9		997·2	86·9	80·0	76·1	31·9		72		5·1		0	0	0	6	17	8	0	0	0
Pasni	0000	28	997·2		998·2	82·1	79·6	79 0	33·4		89		5·1		0	0	2	1	1	7	10	3	7
	0300		998·4	+0·4	999·3	84·0	80·6	79·1	34 2	+1·6	85	+1	6·1	+1·1	0	1	1	1	1	7	12	2	6
	1200		996·2		997·1	88·4	82·6	80·6	35·4		77		3·5		0	0	0	4	8	19	0	0	0
Ormara	0000	15	997·7		998·2	81·9	80·0	79·3	34·1		91		6·1		0	0	0	0	0	1	24	0	6
	0300		998·9		999·4	84·9	81·4	79·9	35·0	+3·4	85	+2	6·3	+0·6	0	0	1	0	0	1	24	0	5
	1200		996·6		997·1	89·3	82·1	79·3	34·1		72		4 0		0	0	0	0	3	5	22	0	1
Lasbela	0000	292	*			*	*	*					4·1		0	0	0	0	0	0	1	0	30
	0300		989·4	+0·6	999·3	86·4	71·7	76·2	31·6	—1·3	73	—8	4·5	—0·9	0	0	0	0	0	1	1	1	28
	1200		985·5		995·1	98·4	81·3	73·4	28·7		46		3·0		3	2	0	1	1	7	2	3	12
FEDERAL CAPITAL AREA																							
Karachi (Manora)	0000	13	997·3		997·8	81·7	76·8	74·6	29·5		79		6·7		0	0	1	0	0	3	23	2	2
	0300		998·8	+0·3	999·2	82·9	78·0	75·7	30·8	—2·0	79	—7	6·4	+0·3	0	0	2	0	0	2	24	2	1
	1200		996·8		997·2	86·9	81·4	79·3	34·4		78		6·3		0	1	0	0	1	4	24	0	1
Karachi (Mauripur)	0000	52	996·2		998·0	83 2	80·7	79·7	34·6		90		4·8		1	2	0	0	0	12	13	3	0
	0300		997·4		999·2	84·5	81·3	80·0	35·0		87		6·4		0	1	0	0	0	10	16	1	3
	1200		995·4		997·2	87·4	82·8	81·1	36·2		82		5·6		1	0	0	0	2	20	7	1	0
Karachi (City)	0300	20	997·8		998·5	85·0	81·2	79·6	34·6		84		6·4		0	2	1	0	0	10	17	1	0
	1200		996·1		996·8	87·1	82·4	80·6	35·7		81		5·7		0	1	0	0	2	17	11	0	0
Karachi (PAF)	0000	38																					
	0300																						
	1200																						
Karachi (Airport)	0000	73	995·6		999·1	82·9	80·1	78·8	33·8		88		5·8		1	0	0	0	0	10	15	0	5
	0300		996·9		999·4	84·7	80·5	78·8	33·5		82		6·3		0	1	0	0	0	9	15	1	5
	1200		994·8		997·3	88·0	80·9	77·9	32·7		73		5·8		0	0	0	1	0	22	6	0	2
HYDERABAD																							
Badin	0000	31	*			*	82·9						2·3		0	5	0	4	0	14	0	8	0
	0300		999 8	+2·7	1000·9	84·2	81·7	80·5	35·8	+4·4	89	+10	3·5	—1·4	0	3	0	6	0	14	0	6	2
	1200		997 7		998·7	93·5	83·2	79·8	34·1		63		4·3		1	0	0	3	10	13	0	4	0
Nagarparkar ... ... (R)	0000	78 (Prov).																					
	0300																						
	1200																						

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

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY 1960.

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 870/700 c/s, respectively in C.G.S.	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									
Umerkot (R)	0000	55																					
	0300																						
	1200																						
Chhor	0000	19	996·9		997·6	82·0	77·9	76·1	30·8		83		4·7		0	0	0	0	0	26	0	0	5
	0300		998·2		998·9	85·0	79·3	76·7	31·6		76		4·8		0	2	1	0	1	26	0	0	1
	1200		995·1		995·7	95·3	80·8	74·3	29·3		51		5·3		0	0	1	0	0	26	3	0	1
Hyderabad	0000	98	993·7		997·1	83·0	78·1	76·0	30·7		79		6·3		0	0	1	0	3	25	0	0	2
	0300		995·1	+1·0	998·5	84·8	78·7	76·0	30·7	+1·9	75	+4	6·2	+2·7	0	0	3	1	4	22	1	0	0
	1200		992·6		995·9	94·9	80·5	74·2	28·9		51		5·2		1	0	1	2	3	23	0	0	1
KHAIRPUR																							
Padidan	0000	153	990·1		995·3	82·7	78·3	76·3	31·3		81		2·0		0	1	3	17	6	2	0	1	1
	0300		991·6		996·7	86·2	79·4	76·3	31·2		73		2·3		0	1	1	18	8	1	0	0	2
	1200		988·6		993·6	101·1	80·9	71·3	27·0		40		2·3		0	2	0	14	11	3	0	0	1
Nawabshah	0000	124	991·6		995·9	82·9	78·9	76·4	31·9		83		1·4		1	0	0	0	19	6	0	0	5
	0300		993·2		997·4	86·1	80·5	77·7	33·1		78		3·5		0	0	2	0	19	7	0	0	3
	1200		990·7		994·9	99·6	83·0	76·2	31·0		49		3·0		1	0	0	0	17	10	0	0	3
Sukkur	0300	221	989·1	+0·2	996·6	85·5	79·7	77·1	32·0	+0·6	76	+1	3·5	+1·8	0	0	0	2	14	13	0	0	2
	1200		985·9		993·2	100·3	84·5	78·2	33·3		50		4·2		4	3	0	1	7	7	4	0	5
Kashmore	0000	255	986·7		995·2	85·9	76·6	72·3	28·1		64		1·5		0	0	0	0	0	0	0	0	31
	0300		988·5		996·9	89·3	80·2	76·3	31·0		66		1·5		0	1	0	0	0	0	1	0	29
	1200		985·1		993·4	99·7	84·2	77·5	33·0		51		2·3		0	3	0	1	0	1	1	0	25
Jacobabad	0000	183	989·1		995·2	86·6	80·5	77·9	32·8		76		2·6		2	0	4	14	9	2	0	0	0
	0300		990·7	+0·7	996·9	87·7	81·2	78·7	33·4	+0·3	75	+7	3·7	+2·2	0	2	1	18	5	2	1	1	1
	1200		987·3		993·2	101·9	84·1	77·2	31·8		46		4·0		1	1	1	13	13	1	0	0	1
JUNAGADH																							
Veraval(K)	0000	26																					
	0300 (h) 1200		1000·5		1001·5	82·9	80·5	79·2	34·5		90		0·0		2	0	0	0	0	8	8	4	1
AFGHANISTAN																							
Jalalabad (R)	0000	1950																					
	0300																						
	1200																						
ARABIA																							
Muscat (S)	0300	20																					
	1200																						
HILL STATIONS																							
KASHMIR																							
Srinagar (K)	0000	...																					
	0300																						
	1200																						

(R) Register not received. (K) Data not available. (h) Mean for 23 days. (S) Observation suspended.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY, 1960.

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	oktas									
KASHMIR—*Contd.*																							
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	...																					
	1200																						
Sonemarg (x)	0300	...																					
	1200																						
Dras (x)	0300	...																					
	1200																						
Kargil (x)	0300	...																					
	1200																						
Leh (x)	0000	...																					
	0300																						
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Minimum	0000	10190	(g) 696·5		(e) 3063·1	(a) 56·0	(a) 44·5	(a) 32·5	6·4		42		2·0		0	1	1	0	1	0	8	1	19
Maximum	0300		697·2	...	3069·2	61·9	48·7	36·9	7·6	...	40	...	1·6	...	0	6	1	2	0	1	5	0	16
Mean	1200		693·8		3026·7	73·8	53·1	35·8	7·3		26		2·7		0	1	14	9	0	0	6	1	0
Aliabad (x)	0300	...																					
	1200																						
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
RAWALPINDI																							
Murree	0000	7113	778·8		1416·8	62·6	60·2	58·4	16·4		87		5·5		0	4	1	8	0	0	0	13	5
	0300		780·5	+0·2	1431·4	66·1	61·6	58·8	17·1	—0·1	78	0	5·3	+1·2	2	1	3	5	1	0	9	1	9
	1200		779·3		1411·0	71·4	66·0	63·3	19·9		75		5·8		1	7	5	4	0	0	6	8	0
PESHAWAR																							
Drosh	0000	4806	845·4		1416·0	76·0	65·3	58·2	17·0		55		2·3		0	0	1	4	0	2	6	0	24
	0300		846·2	—1·1	1421·4	81·2	67·7	59·7	17·7	+0·2	48	—8	2·1	+0·7	0	0	0	0	0	1	0	0	30
	1200		841·6		1373·1	94·6	68·2	50·9	12·8		23		3·5		0	0	0	0	0	29	1	0	1
Chenat	0000	4272	861·2		1415·3	75·0	69·7	67·0	22·6		76		3·3		14	1	0	2	14	0	0	0	0
	0300		862·1	+0·2	1424·5	76·2	70·8	67·9	23·5	+2·9	76	+4	3·4	+0·3	12	0	1	2	16	0	0	0	0
	1200		860·1		1405·2	84·6	73·2	67·7	23·2		57		3·9		3	0	0	14	14	0	0	0	0
Kakul	0000	4214	863·5		1418·5	71·5	67·5	65·4	21·4		81		3·9		6	6	4	3	1	0	2	6	3
	0300		864·1	...	1426·3	75·3	69·6	66·7	22·4	...	75	...	4·0	...	2	1	5	2	6	4	3	8	0
	1200		861·8		1404·2	83·4	72·7	67·5	23·1		60		3·8		0	0	0	5	11	11	2	2	0
Balakot (R)	0000	3226																					
	0300																						
	1200																						
Landikotal	0000	3503	883·2		1400·1	76·0	71·2	68·8	24·1		79		1·4		0	6	0	0	0	0	0	0	25
	0300		884·0	...	1412·9	82·9	73·5	69·0	24·3	...	63	...	2·2	...	0	14	0	1	0	1	0	0	15
	1200		881·2		1388·4	90·3	78·0	72·5	27·7		57		3·4		0	5	0	26	0	0	0	0	0

(R) Register not received. (x) Data not available. (a) Mean for 30 days. (e) Mean for 27 days. (g) Mean for 24 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF JULY, 1960.

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 geopotential of 950/700 mbs. pressure level in G.p.m.	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									
D. I. KHAN																							
Parachinar	0000	5673	820·5		1423·0	68·7	64·4	61·1	19·1		79		1·0		15	0	0	0	0	0	0	0	16
	0300		821·6	+1·2	1433·8	73·4	66·8	63·3	20·1	+2·7	72	+12	0·8	—1·7	3	1	3	4	1	0	4	0	15
	1200		820·6		1424·5	82·6	71·4	66·5	22·2		59		2·7		0	0	0	20	0	0	0	1	10
Miranshah	0000	3026	(b) 897·8		(b) 1397·0	79·3	*	*	...		...		1·4		0	4	0	0	0	0	0	0	27
	0300		899·1	...	1414·3	84·3	72·9	67·2	23·0	—0·1	57	—2	2·3	+0·1	0	6	0	0	0	0	0	0	25
	1200		896·8		1400·2	93·2	(b) 77·3	(b) 70·2	25·5		47		2·7		0	25	0	0	0	0	0	0	6
Wana	0300	4503	854·0	...	1414·2	81·5	71·4	66·9	24·2	+2·6	60	—2	1·7	+0·2	0	1	0	0	0	1	0	0	29
	1200		851·6		1388·3	87·6	73·2	66·5	22·0		49		3·2		0	4	3	16	0	0	0	0	8
QUETTA																							
Fortsandeman	0300	4614	852·1	+1·0	1426·8	80·3	70·0	64·5	20·9	+1·6	59	—2	1·9	+0·5	5	4	3	1	1	6	2	0	9
	1200		849·2		1396·0	95·7	71·5	56·6	16·5		29		4·1		1	1	5	8	2	7	2	3	2
Hindubagh	0000	5909	811·7		1395·8	75·8	*	*					0·0		0	0	0	1	0	5	10	0	15
	0300		812·2		1398·6	78·2	*	*					0·0		0	1	2	1	0	7	9	2	9
	1200		809·6		1359·3	93·0	*	*					0·6		0	1	3	4	0	7	12	1	3
Loralai	0000	4699	853·0		1461·1	71·4	65·8	61·3	19·4		74		0·8		0	0	0	3	0	3	7	0	18
	0300		853·6		1468·0	74·0	67·5	64·1	20·3		71		1·2		0	0	0	0	0	4	3	3	21
	1200		847·8		1408·0	90·6	73·5	65·2	21·2		44		2·5		0	2	0	15	1	11	0	1	8
Harnai	0300												×						*				
	1200												×						*				
Samungli	0000	5213	833·1		1413·9	68·9	60·7	55·0	15·1		61		2·3		0	0	9	14	1	6	0	0	7
	0300		834·1		1422·4	75·7	63·8	55·7	15·9		53		2·8		0	0	8	7	1	0	3	2	10
	1200		831·4		1387·4	92·2	63·6	39·8	9·8		22		3·2		3	1	4	2	0	2	12	6	1
Quetta	0300	5490	825·2	—0·8	1411·1	78·5	66·4	60·1	17·8	—0·3	54	—7	1·5	+0·4	4	4	1	3	2	6	4	1	6
	1200		(a) 823·4		(a) 1385·4	(a) 90·5	(a) 73·9	(a) 67·6	22·6		47		(a) 2·1		2	0	0	1	(a) 5	2	4	4	12
Chaman	0000	4311	858·5		1399·4	80·4	62·9	49·4	12·5		35		0·3		0	0	9	3	2	0	0	0	17
	0300		859·6	—0·1	1411·0	80·6	62·5	4[illegible]95	12·0	—0·9	34	+1	0·3	—0·4	0	0	12	4	7	0	0	0	8
	1200		856·3		1380·0	98·9	71·1	53·9	14·7		23		0·3		1	0	1	1	4	8	12	0	4
KALAT (North)																							
Kalat(R)	0000	6616																					
	0300																						
	1200																						
Nushki	0000	3416	*			84·0	67·5	57·1	15·5		41		1·6		0	0	10	1	4	0	1	0	15
	0300		892·4		1474·4	89·8	71·8	61·9	18·5		40		2·1		1	1	9	2	3	4	5	2	4
	1200		889·6		1458·6	104·7	80·5	69·3	24·2		34		1·9		0	0	4	0	1	8	11	7	0
Dalbandin	0000	2785	904·9		1393·7	79·8	59·7	41·0	9·4		27		1·2		1	1	0	1	1	8	5	2	12
	0300		906·2	+0·4	1411·2	84·9	63·3	45·4	11·1	—1·6	27		1·8	+0·8	0	4	1	3	0	5	1	5	12
	1200		903·0		1401·7	106·4	69·4	41·0	9·5		11		2·1		0	1	0	6	1	14	1	6	2
KALAT (South) Panjgur	0000	3177	895·2		1417·0	79·8	69·9	60·9	20·9		60		2·2		7	6	0	0	0	11	2	0	6
	0300		896·3	+1·8	1429·9	80·1	68·5	60·9	19·1	—3·9	55	—10	1·8	0·0	3	2	0	0	2	8	3	0	13
	1200		894·0		1422·3	97·4	68·5	46·5	12·1		19		2·1		10	0	0	0	1	16	1	1	2
AFGHANISTAN																							
Kabul (R)	0300	5955																					
	1200																						
Kandahar	0300	3462	884·2	...	1396·0	74·6	65·1	59·3	17·3	...	39	...	0·4	...	0	1	2	0	0	0	0	1	27
	1200		881·1		1375·6	93·0	73·3	63·1	20·0		38		0·7		0	0	0	0	0	2	3	3	25

(*) Data rejected. (R) Register not received. (a) Mean for 30 days. (b) Mean for 29 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JULY, 1960.

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
CHITTAGONG																					
Rangamati	(a) 85·8		×		76·4		74	5 days	41·67		12·85	21	23		×		0	0	0	0	0
Cox's Bazar (P.T)	85·5	+0·2	89	20,21	76·8	+0·4	73	14	27·96	—7·56	5·21	22	20	—3·0	5·8	+1·5	2	0	0	0	0
Chittagong (Patenga)	86·1		93	1,2	77·4		75	6 days	30·82		3·98	11	22		×		4	0	0	0	0
Chittagong (P.T)	85·0	—1·0	92	2	76·5	—0·2	74	4 days	29·54	+6·01	4·33	12	22	+3·1	6·0	—1·0	1	0	0	0	0
Maijdi Court (R)																					
Comilla (R)																					
Brahmanbaria	86·4	—3·1	93	1,2	77·6	+1·8	75	4 days	22·60	+11·29	4·47	19	18	+1·4	4·7		5	0	0	0	0
Srimangal (R)																					
Sylhet (P.B.O.)	84·9		94	1	76·6		73	22	43·98		6·44	22	29		×		11	0	0	0	0
DACCA																					
Mymensingh	87·0	—0·9	93	1	77·5	—0·8	75	11,18,19	13·98	—2·04	4·35	18	17	—2·2	1·2	—1·1	0	0	0	0	0
Narayanganj	87·6	—0·6	94	1	78·6	—0·3	76	6 days	20·86	+7·89	2·58	10	20	+2·3	4·9	+0·5	0	0	0	0	0
Dacca (Tejgaon)	87·0		93	1	78·3		75	23	26·25		4·86	10	22		8·4		5	0	0	0	0
Faridpur (R)																					
Barisal	86·5	—0·8	91	19	77·9	—0·5	75	4,6	33·50	+17·18	7·35	4	22	+0·9	×		1	0	0	0	0
RAJSHAHI																					
Khulna	87·0	—0·9	91	1	78·7	+0·1	76	7 days	23·72	+9·28	6·83	4	17	—4·1	4·8	+1·1	0	0	0	0	0
Satkhira	87·4	—1·1	92	25	78·7	+0·3	76	5 days	26·52	+13·02	8·23	4	18	—0·4	2·0	—0·4	0	0	0	0	0
Jessore (P.T)	87·2	—0·9	92	22,23	78·1	+0·1	75	19,23	21·16	+8·94	5·05	11	17	—0·7	4·3	+1·9	0	0	0	0	0
Pubna (R)																					
Serajganj	86·9		93	1	78·6		76	10,11,19	14·12	+2·34	3·64	10	17	+0·9	3·5		3	0	0	0	0
Rajshahi									19·11	+6·98	3·92	12	19	+3·7							
Bogra (P.B.O.)	88·0	—1·2	92	1,2,3	78·8	+0·3	75	23	12·17	—0·66	1·95	18	16	—0·8	2·9	+0·9	4	0	0	0	0
Dinajpur	88·9	—0·3	95	1,3	78·0	—0·9	74	5	22·61	+7·14	6·51	16	14	—2·7	2·9	+0·4	2	0	0	0	0
Rangpur	88·3		93	4 days	78·5		75	9,10	18·31	+2·30	4·55	9	16	+1·0	3·2		1	0	0	0	0

(×) Data not available (R) Register not received. (a) Means for 30 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JULY, 1960.

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																					
Jammu (x)																					
LAHORE																					
Lahore (P.B.O.)	97·4	—2·2	108	2	80·7	+0·6	74	19,20	2·67	—2·78	1·09	9	5	—0·9	(b) 2·8	+0·6	13	0	0	0	1
Lahore (Cantt.)	96·6	...	107	2	80·1	...	72	8	2·49	...	0·64	16	7	...	5·2	...	8	0	0	0	0
Lahore (Walton)	97·2	...	108	2	80·7	...	74	19,20	2·79	...	1·03	9	7	...	5·6	...	9	0	0	0	1
Sialkot	95·5	—1·9	106	4	79·0	—0·6	73	18,19	10·64	+2·29	4·67	11	11	+2·0	(b) 2·4	+0·5	1	0	0	0	1
RAWALPINDI																					
Jhelum	95·9	...	107	1	78·5	...	71	30	19·72	...	6·60	11	11	...	1·8	...	14	0	0	0	4
Chaklala	95·7	...	105	2	77·8	...	69	28,31	8·03	...	1·95	18	11	...	6·1	...	20	0	0	0	2
Rawalpindi	96·5	—1·3	107	2	77·8	+0·7	70	11,18	6·14	—1·93	1·65	18	10	+1·2	×	...	12	0	0	0	0
Khushab	98·9	—3·3	111	1	*	...	...	...	7·71	+3·81	2·73	19	5	+0·7	5·0	—0·3	0	0	0	0	0
Sargodha (P.A.F.)	×	...	...	...	×	...	...	...	5·12	...	2·03	19	6	...	3·9	...	9	0	0	0	2
MULTAN																					
Lyallpur	98·6	—2·9	107	2,30,31	82·1	—0·6	73	13	3·47	+0·61	1·80	11	5	+1·2	3·1	+0·3	3	0	0	0	1
Montgomery	99·7	—3·2	109	30	82·1	—1·6	78	4,5,15	3·71	+1·29	1·72	8	7	+3·7	2·4	—2·4	0	0	0	0	2
Multan (P.B.O.)	101·9	...	113	3	83·7	...	75	3	3.56	...	2·02	10	3	...	5·6	...	5	0	0	0	1
Multan (Surface)	102·4	0·0	113	3	84.9	—0·6	78	12	3·59	+1·58	1·15	3,10	4	+1·7	×	...	5	0	0	0	1
BAHAWALPUR																					
Lalah	105·2	...	116	3	80·5	...	73	13	2·64	...	1·39	13	3	...	×	...	14	0	0	0	0
Khanpur (Surface) (R)																					
Khanpur (P.B.O.)	102·6	...	113	3	82·9	...	76	10	4·40	...	2·10	10	4	...	×	...	4	0	0	1	0
Bahawalpur	102·4	—0·9	111	3	84·1	+0·4	78	10	2·83	+0·39	2·10	11	4	+0·8	(b) 4·2	—0·3	0	0	0	0	0
Fort Abbas	103·2	...	112	2,30	*	...	*	...	4·60	...	2·18	10	3	...	4·8	...	0	0	0	0	0
PESHAWAR																					
Chakdara	96·3	...	103	3,8	74·3	...	69	20	3·95	...	1·60	15	7	...	(b) 4·5	...	0	1	0	0	0
Peshawar	100·7	—1·8	108	3,5	81·2	+1·0	75	11,20	1·21	—0·05	0·92	11	2	0·0	2·8	+0·8	8	0	0	0	1
Risalpur	102·6	...	111	5,8	82·2	...	72	16	4·04	...	2·63	15	3	...	3·5	...	9	0	0	0	5
Haripur	97·5	...	107	2	76·0	...	68	20	8·79	...	1·87	10	8	...	4·5	...	4	0	0	0	0
Campbellpur (R)																					
D. I. KHAN																					
Kohat (P.A.F.)	100·0	...	108	4 days	81·5	...	68	20	4·32	...	1·32	11	5	...	3·5	...	14	0	0	0	1
Bannu	100·7	—2·4	108	3,25	82·5	0·0	74	12	4·60	+2·39	1·80	12	5	+1.8	2·5	...	3	0	0	0	0
D. I. Khan	102·9	—0·4	111	1,3,31	82·6	—0·1	74	12,20	5·64	+3·35	4·30	19	3	+0.2	1·6	—0·2	0	0	0	0	0
Mianwali	102·2	...	111	3	82·9	...	71	11	3·20	...	1·13	19	4	...	×	...	0	0	0	4	0

(R) Register not received. (x) Data not available. (*) Data rejected. (b) Mean for 29 days. (h) Mean for 23 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JULY, 1960.

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
QUETTA																					
Sibi	109·2	+1·4	117	3					0·91	—0·49	0·57	6	3	+0·4	2·9	—2·3	0	0	0	0	0
KALAT (North)																					
Nokkundi	109·3	—0·1	115	5,8	84·6	+1·0	76	22	0·00	0·00	0·00		0	0·0	×		0	0	0	0	0
KALAT (South)																					
Turbat	103·5		114	3	×				0·20		0·20	8	1		×		0	0	0	0	0
Jiwani	89·3		96	4	79·3		78	21	0·00		Tr	6	0		8·5		0	0	0	0	0
Pasni	91·1	+0·9	100	5	80·8	+1·9	77	31	0·00	—0·47	Tr	6,8	0	—0·6	9·6	+3·8	0	0	0	0	1
Ormara	91·3	+1·1	99	4	81·0	—0·2	75	6	2·43	+1·78	2·26	6	2	+0·7	9·9	+1·3	1	0	0	0	1
Lasbela	103·2	+2·4	117	3	81·7	+1·0	72	18	×	...			×		×		1	0	0	0	0
FEDERAL CAPITAL AREA																					
Karachi (Manora)	91·7	+3·2	105	1	80·5	—0·6	75	4	1·10	—2·10	0·87	4	2	—0·5	×		0	0	0	0	0
Karachi (Mauripur)	90·7		101	1	82·2		77	4	1·31		0·52	5	3		10·0		2	0	0	0	0
Karachi (City)	91·1		103	1	80·0		71	9	2·80		1·80	6	2		7·5		0	0	0	0	0
Karachi (PAF) (s)																					
Karachi (Air port)	92·5		104	1	82·0		76	4	1·72		1·47	4	1		10·1		2	0	0	0	0
HYDERABAD																					
Badin	97·5	+2·6	110	2	81·3	+0·1	78	17	1·03	—2·94	0·40	4	4	+0·2	×		0	0	0	0	0
Nagarparkar (R)																					
Umarkot (R)																					
Chhor	98·5		108	3	81·0		77	25	0·76		0·34	11	3		7·6		4	0	0	0	0
Hyderabad	98·0	—1·3	111	2,3	82·0	+0·6	75	3	2·27	—0·71	0·95	3	5	+2·1	10·3	+1·0	2	0	0	0	1
KHAIRPUR																					
Padidan	103·9		114	3	82·0		76	10,11	3·36		1·78	10	3		8·0		1	0	0	0	0
Nawabshah	106·7		111	3	81·9		75	10	1·28		0·88	6	2		7·2		5	0	0	0	0
Sukkur	103·5	—0·8	113	3	82·3	—0·7	75	10	3·25	+1·81	2·00	10	3	+1·3	3·3	—1·1	2	0	0	0	1
Kashmore	103·9		112	3	82·7		75	6	0·38		0·35	11	1		*		1	0	0	0	0
Jacobabad	104·3	—3·7	115	3	85·1	+0·1	77	10	0·90	—0·05	0·35	10	1	—0·5	7·5	+1·0	2	0	0	0	0
JUNAGADH																					
Veraval (×)																					
AFGHANISTAN																					
Jalalabad (R)																					
ARABIA.																					
Muscat (s)																					
HILL STATIONS																					
KASHMIR																					
Srinagar (×)																					
Gulmarg (×)																					
Gurez (×)																					
Sonamarg (×)																					
Dras (×)																					
Kargil (×)																					
Leh (×)																					
Skardu (×)																					
Minqar	77·5	...	87	9	53·6	...	43	20	0·60	...	0·55	20	1	...	4·9	...	0	0	0	0	0

(×) Data not available. (R) Register not received. (*) Data rejected. (s) Observation discontinued.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF JULY, 1960.

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
Aliabad (×)																					
Gilgit (×)																					
RAWALPINDI.																					
Murree	74·5	—1·7	81	2	59·4	+0·5	54	20,31	16·96	+4·56	5·12	10	18	+4·7	5·3	+1·6	16	1	18	0	0
PESHAWAR																					
Drosh	99·3	+2·6	110	8	72·1	—1·4	62	19	0·42	—0·18	0·28	19	2	+0·5	4·4	0·0	7	0	0	0	0
Cherat	88·5	—1·2	100	8	71·6	—0·1	65	20	8·43	+4 79	7 53	11	2	—2·8	(l) 5·9	+0·9	2	0	0	0	0
Kakul	86·5	...	95	2	69·5	...	61	3,20	12·27	...	2·65	26	12	...	×	...	20	1	0	0	0
Balakot (R)																					
Landikotal	93·9	...	102	8,24	75·1	...	69	20	2·02	...	0·95	11	4	...	3·6	...	5	0	0	0	0
D. I. KHAN																					
Parachinar	87·3	+0·2	94	8,22	60·2	—0·2	59	11	8·25	+4·73	3·40	11	9	+2·1	2·7	+0·5	0	0	0	0	0
Miranshah	96·2	—0·4	104	8	78·7	—0·4	70	12	1·72	+0·15	0·83	11	3	—0·3	3·8	—2·0	0	0	0	0	0
Wana	92·9	+1·1	101	25	*	...	*	...	1·00	—0·73	1·00	11	1	—3·0	(b) 3·0	...	0	0	0	0	0
QUETTA																					
Fort sandeman	99·9	+0·6	106	25,27,31	75·5	+0·4	69	10,14	1·41	—0·73	0·40	10	5	+1·2	×		8	0	0	0	0
Hindubagh	94·6		98	5 days	73·0		67	4,7	0·00		0·00		0		6·7		0	0	0	0	0
Loralai	93·1		99	4 days	67·0		62	14	0·00	—1·54	0·00		0	—2 9	2·8		0	0	0	0	0
Harnai									1·45	—1·65	1·10	10	2	—3·0	×		0	0	0	0	0
Samungli	96·3		100	16	65·8		60	13,18,31	0·28		0·16	10	2		5·8		7	0	0	0	4
Quetta	(a) 93·7		98	24	66·2		60	22,31	0 24		0·16	7	1		4·2	+1·8	7	0	0	0	1
Chaman	100·9	—0 2	106	7,15,16	76·9	+0·6	71	20,21	0·00	—0·07	0·00		0	—0·2	×		0	0	0	0	0
KALAT (North)																					
Kalat (R)																					
Nushki	107·5		111	17	81·5		75	4 days	0·00		Tr	7	0		×		0	0	0	0	2
Dalbandin	108·1	—0·6	114	3	77·8	+1·6	66	20	0·00	—0·12	Tr	5,7	0	—0·4	4·4	—0·3	3	0	0	1	3
KALAT (South																					
Panjgur	97·7	—5·6	106	2,3	75·2	—1·1	71	22	0·62	—0·17	0·36	8	2	+0·7	×		0	0	0	0	0
AFGHANISTAN																					
Kabul (R)																					
Kandahar	97·2	...	100	9,16,24	69·4	...	63	20	0·00	...	0·00	...	0	...	0·4	...	0	0	0	0	0

(×) Data not available. (*) Data rejected. (R) Register not received. (a) Mean for 30 days. (b) Mean for 29 days. (l) Mean for 19 days.

GPPD—8-2—77 (Civil) 61—5-12-63—200.

MOG. 1/547
P152 Pa

Regd. No. S-1452.

PAKISTAN WEATHER REVIEW 1960

Monthly Weather Report

August

PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN

Chief Features.—1. Formation of three depressions in the north Bay of Bengal.

2. Active monsoon in East Pakistan towards the middle and the end of the month.

3. Seventeen western disturbances affected north Pakistan during the month causing pronounced rainfall activity in some of the northern divisions of West Pakistan towards the latter half of the second and in the third week.

West Pakistan.—In association with the passage of five western disturbances which moved in quick succession across the north of the region and an easterly low pressure area which appeared over southwest Uttar Pradesh between the 6th and 8th, fairly widespread thunderstorms or showers occurred in the Rawalpindi division and mainly scattered elsewhere in the northern divisions till the middle of the second week.

Thereafter, following the northwestward passage of two depressions from the north Bay of Bengal incursion of monsoon air in the northern parts became more marked. Simultaneously, seven western disturbances moved in close succession till the middle of the fourth week. Under their combined influence fairly widespread thunderstorms/showers occurred in the Peshawar, Rawalpindi and Lahore Divisions with a few moderate to heavyfalls. Scattered thunderstorms/showers were reported from the rest of the northern divisions between the 11th and the 23rd. However, the southern parts of the region continued dry except on the 11th and the 12th when scattered thunder-rain occurred in the Khairpur and Hyderabad Divisions and the Federal Capital Area.

During the rest of the month five Western disturbances caused thunderstorms or showers locally or at a few places in the Lahore and Rawalpindi divisions on most of the days and in the other northern divisions on some of the days. However, between the 27th and 28th local to fairly widespread rain, with a few moderate to heavy falls, was reported from Lahore, Rawalpindi and Peshawar divisions as a result of deeper penetration of the monsoon current under the influence of a depression which moved from the north Bay of Bengal and lay over East U.P. on the 27th but weakened into a low over west Uttar Predash the next day.

Outstanding amounts of rainfall were Peshawar 2″ on the 11th ; Haripur 3″ on the 13th Lyallpur 2″ on the 14th ; Chakdara 2″ on the 16th Haripur 3″ on the 18th, 2″ on the 21st ; Jhelum 2″ on the 23rd and Haripur 3″ and Rawalpindi 2″ on the 27th.

The total rainfall during the month was normal in Peshawar and D.I. Khan Divisions, in slight defect in Rawalpindi Division, in moderate defect in Multan and Quetta Divisions and in large defect elsewhere. Averaged over the region as a whole it, was in moderate defect.

The mean maximum temperature was normal over the region outside Multan, Quetta and Kalat Divisions and the Federal Capital Area where it was in excess.

The mean minimum temperature was normal over the region outside Rawalpindi, Bahawalpur, Peshawar, and Quetta Divisions where it was in excess.

The mean relative humidity was in excess in Hyderabad in defect in Kalat Division and the Federal Capital Area and normal elsewhere. The mean cloud amount was in excess in Lahore, Bahawalpur and Khairpur Divisions and normal elsewhere.

East Pakistan.—Monsoon was generally moderately active and caused a fairly widespread rain during the first week. Two depressions formed in the north Bay of Bengal during the second Week. The first formed on the 9th morning and was Centered within one degree of latitude 20½ °N and longitude 88½ °E. By the time it moved northwestwards and filled up the second one formed and was centred on the 12th evening near latitude 19½ °N and longittude 90 °E. It also moved in the same direction and finally broke up in the Punjab Hills in India. They caused fairly widespread light to moderate rainfall till the 15th. In their wake the monsoon strengthened and continued so till the 17th causing fairly widespread rain with locally heavy falls over the province.

Thereafter, the Monsoon weekened and scattered rain fell over the region between the 18th and 21st. A low pressure wave from the east moved into the North Bay of Bengal and developed into the third depression of the month which was centred at 0300 GMT of the 23rd within one degree of latitude 20 N° and longitude 88½ °E. This activated the Monsoon and caused fairly widespread light to moderate rain during the next eight days. Following the northwestwards movement of the depression, a low pressure area appeared over west Bengal and adjoining Bihar on the 29th. The Monsoon remained active till the end of the month when it strengthened further and gave rise to fairly widespread to widespread rain with moderate to heavy falls over the province.

Noteworthy amounts of rainfall were : Cox's Bazar 4″ on the 2nd and 3″ on the 3rd and 5th ; Satkhira 4″ on the 6th ; Barisal 4″ on the 7th ; Maijdee Court 5″, Cox's Bazar 4″ and Barisal 3″ on the 16th ; Maijdee Court 4″. on the 17th ; Comilla 3″ on the 23rd ; Cox's Bazar 5″ on the 29th ; Cox's Bazar and Mymensingh 5″ each and Chittagong 4″ on the 31st.

The total rainfall during the month was in slight excess over the region except, in Rajshahi Division where it was in moderate defect. Averaged over the region it was normal.

The mean maximum and mean minimum temperatures, the mean relative humidity and the mean cloud amount were all normal every where

Table I contains the Divisional means of rainfall, temperature, humidity and cloud amount for the 15 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 MEANS FOR AUGUST, 1960.

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									
Chittagong	23·43	20·21	+3·22	+16	+0·1	+1·7	+1·3	+1	−0·7
Dacca	15·51	13·95	+1·74	+12	+1·5	+1·1	+1·1	−2	+0·3
Rajshahi	8·27	12·49	−4·22	−34	+1·3	+0·9	+1·9	−1	+0·4
MEAN	15·09	15·32	−0·23	−2	+1·0	+1·2	+1·5	−1	0·0
WEST PAKISTAN									
Kashmir (*)									
Lahore	3·20	7·23	−4·03	−56	0·0	+0·9	+2·1	+1	+0·9
Rawalpindi	6·68	8·83	−2·15	−24	+0·1	+2·1	+1·8	+3	+0·6
Multan	1·87	2·77	−0·90	−32	+2·1	+1·7	+0·9	0	−0·1
Bahawalpur	0·42	1·33	−0·91	−68	+1·9	+2·7	+2·7	+3	+1·1
Peshawar	2·39	2·54	−0·15	−6	+1·7	+2·3	+2·8	+2	0·0
D. I. Khan	1·86	1·93	−0·07	−4	+1·9	+1·9	+3·6	+4	−0·1
Quetta	0·70	1·28	−0·58	−45	+3·4	+2·9	+2·3	+5	−0·3
Kalat	0·00	0·31	−0·31	−100	+3·0	+1·6	−0·6	−6	−0·4
Federal Capital Area	0·21	1·56	−1·35	−87	+2·9	+1·7	+0·7	−12	+0·5
Hyderabad	0·55	2·17	−1·62	−75	+1·7	+1·7	+3·9	+7	+0·7
Khairpur	0·00	1·00	−1·00	−100	+0·7	+1·3	+0·9	+1	+0·9
MEAN	0·98	1·76	−0·78	−44	+2·2	+1·7	+1·5	+1	+0·1
Junagadh (*)									

(*) Data incomplete.

GOVERNMENT OF PAKISTAN
PAKISTAN METEOROLOGICAL DEPARTMENT

ERRATA TO MONTHLY WEATHER REPORT FOR AUGUST, 1960.

S.No.	Page.	Station.	Col. No.	Hours.	REMARKS. For	Read.
1.	3	Rangamati	17	1200	1	0
2.	4	[illegible]	23	1200	29	20
3.	5	Khanpur	23	1200	0	6
4.	13	Kandahar	23	1200	6	26
5.	16	Ormara	7	"	"	+2.0

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1960.

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.	%	%	oktas	oktas									
CHITTAGONG DIVISION.																							
Rangamati	0000	208	995·1		1002·2	78·3	76·8	76·2	30·8		93		5·3		0	0	1	0	12	0	0	0	18
	0300		996·3	—	1003·4	83·5	78·4	76·2	30·8	—	79	—	4·4	—	0	0	0	3	18	0	0	0	10
	1200		993·5		1000·6	83·3	79·2	77·2	32·2		83		5·9		0	0	1	1	22	1	1	0	6
Cox's Bazar (P.T)	0300	38	1001·4	—1·5	1002·7	80·8	78·5	77·5	32·3	—0·6	90	+2	5·5	—0·7	0	0	3	13	11	3	0	1	0
	1200		998·8		1000·1	80·7	78·3	77·0	32·0		90		5·8		0	0	0	8	16	5	1	1	0
Chittagong (Patenga)	0000	20	1000·4		1001·1	78·4	77·8	77·5	32·3		97		6·4		0	0	3	20	1	0	1	0	6
	0300		1001·8	—	1002·5	82·8	80·2	79·3	34·0		89	—	6·5	—	0	0	1	26	1	0	0	0	3
	1200		999·0		999·7	82·7	80·5	79·6	34·5		91		7·1		0	0	0	10	15	5	1	0	0
Chittagong (P.T) (R)	0300	46																					
	1200																						
Maijdee Court (R)	0000	25																					
	0300																						
	1200																						
Comilla (R)	0000	29																					
	0300																						
	1200																						
Brahmanbaria	0000	32	1000·0		1001·1	80·4	78·4	77·7	32·3		91		5·9		0	0	5	19	3	1	0	0	3
	0300		1001·2	—	1002·3	84·6	79·8	77·8	32·5	+1·9	81	+1	5·9	—	1	0	1	22	6	0	0	0	1
	1200		997·8		998·9	85·1	80·7	79·0	33·8		82		5·5		0	0	1	9	11	1	0	1	8
Srimangal (R)	0000	69																					
	0300																						
	1200																						
Sylhet (P. O. B.)	0000	115	997·2		1001·1	78·6	77·7	77·3	32·1		96		6·7		2	3	9	6	0	0	0	0	11
	0300		998·5	—	1002·4	83·7	80·0	78·4	33·3	—	85	—	6·4	—	0	5	12	4	1	0	0	0	9
	1200		994·6		998·5	85·2	80·7	79·2	33·7		82		5·9		2	1	2	1	0	0	6	0	19
DACCA DIVISION																							
Mymensingh	0000	62	998·6		1000·7	80·6	79·2	78·9	33·5		94		6·3		0	0	6	12	0	0	0	0	13
	0300		1000·0	—1·4	1002·1	83·3	80·1	78·8	33·7	+1·0	86	+1	6·9	+0·1	0	1	2	23	0	0	1	0	4
	1200		996·5		998·6	87·1	81·0	78·5	33·3		77		5·2		0	0	4	13	0	0	3	0	11
Narayanganj	0000	26	999·4		1000·3	81·2	79·2	78·6	33·0		91		7·6		0	0	7	15	2	1	0	0	6
	0300		1000·6	—1·7	1001·5	84·9	80·3	78·3	33·2	+0·4	81	—5	7·3	+0·4	0	0	9	17	1	1	2	0	1
	1200		997·2		998·1	86·2	80·8	78·5	33·5		79		6·6		0	0	2	10	12	2	1	0	4

(R) Register not received.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1960.

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 Geopotential of 850/700 Mb. pressure level in GPM.	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									
DACCA DIVISION—Cond.																							
Dacca (Tejgaon)	0000	27	998·7		999·6	80·3	79·1	78·6	33·4		95		7·2		0	0	2	17	6	3	0	0	3
	0300		1000·1	—	1001·0	83·7	80·5	79·2	34·1	—	87	—	7·0	—	0	0	2	20	4	3	0	0	2
	1200		996·9		997·8	84·9	80·5	78·7	33·6		82		6·5		0	0	1	13	7	3	0	0	7
Faridpur	0000	46	997·5		999·1	81·3	79·9	79·5	34·3		93		6·2		1	0	0	12	14	0	0	0	4
	0300		999·3	—2·0	1000·9	84·7	81·0	79·6	34·5	+1·2	84	—2	6·8	+0·8	0	0	0	12	16	1	1	0	1
	1200		996·1		997·7	84·9	80·9	79·3	34·2		83		5·5		0	1	2	13	12	0	0	0	3
Barisal	0000	11	999·6		1000·0	81·2	79·7	78·9	34·0		93		(a) 5·7		0	0	3	0	5	0	(a) 0	0	22
	0300		1001·6	—0·9	1002·0	84·5	81·0	79·6	34·5	+1·7	85	—1	6·2	0	0	0	3	4	5	0	1	0	18
	1200		998·3		998·7	84·4	80·8	79·4	34·2		85		6·1		0	0	3	5	3	0	3	0	17
RAJSHAHI DIVISION																							
Khulna	0000	16	998·9		999·5	80·7	79·8	79·6	34·4		97		5·4		0	1	3	1	3	0	0	0	23
	0300		1000·3	—1·6	1000·9	84·1	81·1	80·0	34·9	+2·3	87	+3	6·1	—0·7	0	1	1	9	2	0	0	0	18
	1200		997·6		998·1	83·8	80·9	80·4	34·8		88		5·6		0	1	2	2	7	0	0	0	19
Satkhira	0000	16	998·6		999·1	81·2	80·2	79·5	34·7		96		7·2		0	1	0	1	0	0	0	0	29
	0300		999·7	—1·8	1000·2	84·6	81·5	80·2	35·3	+1·7	87	+1	6·8	+1·0	0	2	1	3	2	1	0	0	22
	1200		997·0		997·5	84·7	81·4	80·0	35·1		86		6·7		1	2	0	3	3	2	0	0	29
Jessore (P. T) (R)	0000	26																					
	0300																						
	1200																						
Pabna (R)	0000	48																					
	0300																						
	1200																						
Sirajganj	0000	51	998·1		999·8	81·1	79·7	79·4	34·0		94		7·2		0	0	8	8	3	0	1	0	11
	0300		999·0	—	1000·7	83·7	81·1	80·5	35·0	—	89	—	7·2	—	0	0	9	10	2	0	0	0	10
	1200		995·6		997·3	85·2	82·2	81·5	36·2		87		6·2		0	0	2	7	5	0	0	0	17
Rajshhahi	0300												3·9										
Bogra (P. B. O.) ...	0000	65	997·3		999·5	80·7	79·6	79·2	34·0		96		7·1		0	0	11	5	3	0	0	0	12
	0300		998·8	—1·6	1001·0	83·7	80·8	79·5	34·6	+2·4	87	0	7·6	+1·5	0	0	9	14	2	1	1	0	4
	1200		995·4		997·6	86·2	81·6	79·8	34·7		82		6·8		0	0	8	12	3	0	1	0	7
Dinajpur	0000	123	995·2		999·4	81·1	79·5	78·8	33·6		93		5·5		0	1	9	0	0	0	0	0	21
	0300		996·4	—1·8	1000·6	85·7	81·1	79·3	34·1	+1·1	81	—6	5·7	—0·2	0	1	8	0	0	0	0	0	22
	1200		992·9		997·0	86·9	81·6	79·6	34·5		79		5·5		0	0	3	0	0	0	0	0	28
Rangpur	0000	113	997·0		1000·9	80·6	79·5	79·2	33·8		95		5·0		1	0	7	8	2	0	0	0	13
	0300		998·4	—	1002·2	84·7	81·1	79·5	34·6		85	—	5·2	—	4	6	14	7	0	0	0	0	0
	1200		994·6		998·4	86·7	81·8	79·9	34·9		81		4·2		2	4	4	15	4	0	0	1	1

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

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1960.

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 Geopotential of 850/750 Mbs. pressure level in GPM.	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																							
Jammu (x)	0300	1200																					
	1200																						
LAHORE																							
Lahore (P. B. O.)	0000	702	974·2		997·9	81·9	79·2	78·1	32·9		88		5·7		2	0	0	10	0	1	1	0	17
	0300		975·3	—0·8	999·0	84·9	80·0	77·9	32·8	—3·0	79	+6	3·9	—0·8	1	0	2	12	1	5	0	0	10
	1200		972·7		995·9	92·9	82·6	78·3	33·4		63		4·6		1	5	3	9	0	1	1	3	8
Lahore (Cantt.)	0000	709	973·4		997·2	81·6	79·7	78·9	33·8		91		3·2		1	1	5	8	3	1	2	0	10
	0300		974·7	—	998·3	85·0	81·1	79·6	34·5	—	83	—	3·7	—	1	3	6	7	4	1	2	0	7
	1200		971·9		995·2	92·1	83·9	81·1	35·9		70		4·2		3	6	9	5	3	2	0	2	1
Lahore (Walton)	0000	699	973·7		997·3	81·8	79·3	78·4	33·1		89		3·6		1	1	1	11	1	2	0	1	13
	0300		975·1	—	998·7	85·0	80·4	78·6	33·3	—	81	—	4·1	—	0	1	3	12	5	2	2	2	4
	1200		972·5		995·5	92·2	82·7	79·2	33·9		65		4·1		0	4	4	10	1	3	2	1	6
Sialkot	0000	830	(a) 968·8		(a) 996·8	(a) 79·3	(a) 77·3	(a) 76·2	31·1		91		2·2		0	1	0	0	0	1	0	0	(c) 26
	0300		970·7	—1·6	998·6	83·5	79·1	77·0	32·0	+1·1	81	—3	4·3	+0·9	0	0	0	0	0	0	0	0	(b) 29
	1200		968·6		995·5	92·1	82·8	79·3	34·1		66		2·9		0	1	0	4	0	0	0	1	(d) 21
RAWALPINDI																							
Jhelum	0000	765	971·7		997·7	80·5	78·2	77·0	31·9		90		5·4		0	2	2	3	0	2	0	2	20
	0300		973·0	—	998·9	83·1	78·7	77·1	31·6	—	81	—	5·4	—	0	6	0	8	0	0	0	2	15
	1200		970·1		995·6	91·2	82·0	78·1	33·1		67		3·2		0	2	0	7	4	5	2	0	11
Chaklala	0000	1667	943·4		999·1	78·5	76·0	75·0	29·7		89		5·2		0	7	8	4	1	2	2	1	6
	0300		944·2	—	999·6	81·3	77·1	75·5	30·1	—	82	—	4·1	—	0	6	11	4	1	2	0	0	7
	1200		942·0		996·4	89·8	79·7	75·9	30·5		64		3·5		0	1	4	18	3	4	1	0	0
Rawalpindi	0000	1675	942·5		998·5	78·8	75·4	74·0	28·6		85		5·0		3	6	7	2	2	2	0	1	8
	0300		943·5	—0·9	999·1	82·5	77·3	75·1	29·9	+2·1	78	+4	4·1	+0·7	2	7	13	2	2	0	2	1	2
	1200		941·0		995·5	90·9	79·7	76·1	30·1		61		3·3		1	0	7	11	8	0	0	0	4
Khushab	0000	616	(f) 976·9		(f) 997·5	84·8	79·3	76·4	31·7		77		1·8		0	2	22	0	0	0	0	0	7
	0300		977·7	—1·4	998·4	86·6	80·1	77·4	32·2	+2·4	74	+4	2·5	+0·1	0	1	23	0	0	1	0	0	6
	1200		974·9		995·2	98·0	82·1	75·6	30·2		49		1·2		1	2	18	3	1	0	0	0	0
Sargodha (P. A. F.)	0000	617	976·5		997·2	84·1	79·7	77·9	32·7		81		2·9		1	9	10	1	1	2	0	0	7
	0300		977·9	—	998·6	86·1	80·2	77·7	32·6	—	76	—	2·9	—	0	5	16	3	0	4	0	1	2
	1200		975·0		995·3	96·3	82·2	76·5	31·1		53		3·3		0	4	13	6	4	3	0	0	1

(x) Data not available. (a) Mean for 30 days. (b) Observations for 29 days. (c) Observations for 28 days. (d) Observations for 27 days. (f) Mean for 25 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1960.

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 Geopotential of 950/700 mbs. pressure level in C.P.M.	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									
MULTAN																							
Lyallpur	0000	605	976·6		996·9	84·2	79·7	77·8	32·6		81		1·8		3	5	1	3	0	0	1	2	16
	0300		977·7	—1·3	998·2	84·9	79·8	77·6	32·4	+3·3	79	+8	2·5	—0·9	4	1	1	7	6	2	3	0	7
	1200		975·3		995·2	96·7	83·0	77·6	32·3		55		4·6		5	2	2	4	5	2	6	4	1
Montgomary	0000	558	978·4		997·0	83·5	78·4	76·3	30·9		79		1·0		0	0	1	5	0	2	0	0	23
	0300		979·4	—1·2	998·1	86·8	79·6	76·5	31·3	+0·2	72	—3	1·8	—0·1	0	1	0	15	2	11	1	0	1
	1200		976·9		995·1	98·0	82·0	75·3	30·0		49		2·2		0	0	1	4	1	12	0	0	13
Multan (P. B. O.)	0000	404	982·5		996·2	86·0	78·3	74·9	29·6		69		2·2		0	1	0	5	19	2	0	0	4
	0300		984·1	—	997·7	88·1	79·4	75·6	30·3	—	66	—	2·7	—	0	0	2	2	13	10	0	0	4
	1200		981·3		994·5	99·2	81·4	73·5	28·5		44		2·6		2	0	2	1	13	10	1	0	2
Multan	0300	413	983·5	—1·5	997·3	88·2	79·9	76·4	31·0	—0·7	68	—5	2·4	+0·6	0	0	2	3	11	9	0	0	6
	1200		980·7		994·2	100·4	82·4	74·6	29·6		44		2·8		0	0	0	3	8	9	2	0	9
BAHAWALPUR																							
Leiah	0000	487	*		*	84·3	83·3	82·8	38·5		96		0·0		1	0	0	0	7	0	0	0	23
	0300		980·2	—	996·4	91·0	81·2	77·1	31·9	—	64	—	2·7	—	1	0	3	1	10	0	0	0	16
	1200		978·1		993·9	101·6	84·9	78·1	33·3		48		2·3		1	0	2	0	6	0	0	1	21
Khanpur (Surf) (x)	0300	297																					
	1200																						
Khanpur (P. B. O.)	0000	290	987·0		996·7	84·3	78·4	75·5	30·5		75		2·4		0	0	0	0	6	22	1	0	2
	0300		988·3	—	998·2	86·2	79·0	76·0	30·6	—	72	—	1·8	—	0	0	0	0	4	23	2	0	2
	1200		984·9		994·3	101·6	82·5	74·4	29·2		43		2·2		0	1	0	1	5	16	1	2	5
Bahawalpur	0300	384	985·1	—1·2	998·0	88·3	81·7	79·3	34·1	+2·7	75	+3	3·3	+1·1	0	0	1	1	17	10	0	0	2
	1200		981·8		994·3	99·7	86·3	81·4	36·7		56		2·2		2	4	1	4	8	7	1	1	3
Fort Abbas	0000	475	(a) 981·0		997·0	83·9	78·1	75·1	30·2		76		0·6		0	1	1	0	13	14	1	0	1
	0300		982·1	—	998·0	88·1	79·4	75·4	30·3	—	66	—	0·6	—	0	1	0	1	9	12	6	1	1
	1200		979·1		994·6	98·9	83·4	75·9	32·0		51		0·8		1	3	1	4	5	10	4	1	2

(*) Data rejected. (x) Data not available. (a) Observations for 30 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1960.

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 Geopotential of 850/700 mbs. pressure level in GPM.	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									
PESHAWAR																							
Chakdara	0000	2197	923·2		995·8	77·7	73·5	72·0	26·5		82		4·0		1	1	0	2	0	0	8	0	19
	0300		924·3	—	996·6	79·9	74·6	72·4	27·1	—	78	—	4·5	—	0	0	1	12	0	0	3	0	15
	1200		921·7		992·1	92·9	80·1	75·2	29·9		57		1·8		0	0	0	0	0	16	6	0	9
Peshawar	0000	1177	957·4		996·7	82·4	77·6	75·4	30·1		80		2·5		2	0	1	0	2	0	4	19	3
	0300		959·0	—1·6	998·1	85·0	78·8	76·0	30·8	+3·9	74	+7	2·1	—1·1	9	2	0	0	0	0	0	15	5
	1200		995·2		993·4	96·8	80·8	73·9	28·6		48		3·2		9	11	1	2	2	0	1	4	1
Risalpur	0000	1009	962·3		996·1	83·4	78·6	76·4	31·3		80		4·1		0	7	12	3	1	0	0	0	8
	0300		963·8	—	997·4	86·0	79·5	76·6	31·5	—	74	—	4·2	—	0	2	11	6	1	1	1	3	6
	1200		960·1		992·9	98·4	82·6	75·8	30·8		49		2·7		1	7	14	8	0	1	0	0	0
Haripur	0300	1757	939·6	—	997·7	82·4	77·0	75·2	29·5	—	77	—	4·2	—	0	8	0	4	0	16	0	3	0
	1200		936·6		993·5	92·3	80·3	75·1	30·4		59		2·9		0	5	0	2	0	12	0	12	0
Campbellpur (R)	0300	1175																					
	1200																						
D. I. KHAN																							
Kohat	0000	1667	942·7		997·9	82·9	75·8	72·7	27·6		72		2·2		0	0	3	2	0	0	1	12	13
	0300		944·0	—	998·9	85·9	76·9	73·0	27·9	—	66	—	3·0	—	0	0	1	5	0	1	1	5	18
	1200		940·9		994·6	98·2	78·2	70·5	25·6		44		3·7		1	1	3	10	2	6	3	3	2
Bannu	0000	1263	953·9		996·0	84·1	78·1	75·3	30·1		75		1·0		0	0	0	1	0	0	0	0	30
	0300		955·1	—	997·0	87·4	79·5	76·0	30·8	+3·5	69	+4	2·3	+0·2	0	1	0	2	1	0	0	0	27
	1200		952·4		993·2	99·0	82·6	74·7	30·6		48		0·9		0	3	4	6	10	1	0	0	(a) 6
D. I. Khan	0000	570	977·6		996·7	83·4	79·6	78·1	32·8		84		1·5		4	8	1	0	0	0	0	0	18
	0300		978·0	—1·7	997·2	88·1	81·5	78·9	33·8	+2·8	75	+2	2·4	+0·6	0	11	0	4	0	0	0	0	16
	1200		975·0		993·6	10·5	85·8	80·5	35·1		54		1·4		0	2	3	1	4	0	0	0	21
Mianwali	0000	679	973·6		996·5	84·6	79·1	76·3	31·5		77		2·5		1	1	0	2	1	0	0	0	26
	0300		975·0	—	997·7	88·8	80·4	76·2	31·7	—	67	—	2·6	—	2	0	0	10	1	0	0	0	18
	1200		972·3		994·6	98·6	81·2	73·8	28·5		45		1·4		0	0	0	18	1	0	0	1	11

(R) Register not received. (a) Observations for 30 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1960.

Division and Station.	Hours of observation.	Height of bat 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 Geopotential of 850/700 Mbs pressure level in G.P.M.	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									
QUETTA																							
Sibi	0000	441	981·5		996·2	90·5	79·2	74·1	28·9		58		1·0		0	0	0	9	0	0	0	0	22
	0300		952·7	—0·7	997·4	91·5	79·5	74·2	28·9	+ 1·8	57	—3	2·1	+0·7	0	0	0	18	5	0	0	0	8
	1200		979·0		993·0	108·1	80·7	67·4	23·3		28		2·2		0	0	0	13	8	8	0	0	2
KALAT (NORTH)																							
Nokkundi	0000	2229	922·6		995·4	84·2	62·6	44·7	10·5		26		0·0		13	1	1	0	0	0	0	14	2
	0300		924·7		997·0	88·3	64·6	45·6	11·2	—2·9	24	—7	0·0	—0·8	10	2	1	1	0	0	1	12	4
	1200		922·0		991·4	106·6	71·2	46·7	11·7		15		0·0		11	2	1	0	0	1	3	10	3
KALAT (SOUTH)																							
Turbat	0000	510	980·4		997·7	82·7	77·0	74·3	29·1		75		3·8		0	0	0	0	7	12	5	0	7
	0300		982·2		999·4	84·5	77·7	74·4	29·3		72		4·4		0	0	0	1	6	6	6	1	11
	1200		978·0		994·7	103·4	80·9	70·6	25·7		36		0·5		0	0	0	2	5	17	5	1	1
Jewani	0000	185	992·6		999·0	81·3	76·9	74·9	29·6		83		6·3		0	0	0	14	9	3	1	0	4
	0300		993·9		1000·2	83·0	77·4	74·8	29·6		77		6·3		0	0	1	14	11	3	1	0	1
	1200		991·5		997·8	86·1	78·4	74·8	29·7		69		2·7		0	0	0	7	20	4	0	0	0
Pasni	0000	28	997·9		998·9	81·0	78·5	77·0	32·2		89		4·9		0	0	4	0	2	7	6	1	11
	0300		999·3	—1·4	1000·3	82·1	79·2	78·0	33·8	+4·0	87	0	6·4	+1·0	0	3	4	3	4	4	6	3	4
	1200		996·9		997·9	87·7	81·5	79·0	33·7		76		2·8		0	0	0	2	10	19	0	0	0
Ormara	0000	15	998·3		998·8	81·3	79·2	78·1	33·1		91		7·3		0	0	0	0	1	1	19	0	10
	0300		999·6		1000·1	83·6	80·0	78·4	33·3	+4·2	85	—1	7·3	+1·1	0	0	0	0	1	0	16	0	14
	1200		997·5		998·0	89·0	80·4	77·0	31·5		67		3·7		0	0	0	0	1	12	18	0	0
Lasbela	0000	292	*			*	*	*					0·7		0	0	0	0	0	0	0	0	31
	0300		*			82·2	74·0	69·4	25·0	—5·4	59	—23	0·4	—4·4	0	0	0	8	6	0	1	0	16
	1200		*			93·4	82·6	77·7	33·1		61		0·4		1	1	2	3	3	0	6	0	15

(*) Data rejected.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1960.

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 Geopotential of 850/700 Mbs. pressure level in GPM.	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									
FEDERAL CAPTAL AREA.																							
Karachi (Manora)	0000	13	998·6		999·1	81·3	77·0	75·0	29·7		75		7·3		0	0	0	0	0	2	28	0	1
	0300		999·8	—1·2	1000·3	82·6	78·2	75·9	31·0	+0·7	76	—12	6·8	+0·5	0	0	0	0	0	2	29	0	0
	1200		997·8		998·3	85·8	80·5	78·3	33·2		78		6·3		0	0	0	0	0	1	30	0	0
Karachi (Mauripur)	0000	52	997·2		999·0	81·9	80·0	79·3	34·1		92		6·0		0	0	0	0	0	20	11	0	0
	0300		998·2		1000·0	82·7	80·5	79·6	34·6		90		7·3		0	0	0	0	1	15	15	0	0
	1200		996·5		998·3	85·3	82·3	81·1	36·4		88		5·9		0	0	0	0	0	23	8	0	0
Karachi (City)	0300	20	999·0		999·7	83·1	79·7	78·2	33·1		85		6·8		1	0	0	0	1	12	13	4	0
	1200		997·1		997·8	85·1	81·8	80·1	35·6		86		6·0		0	0	0	0	0	18	9	4	0
Karachi (PAF) (S)	0000	38																					
	0300																						
	1200																						
Karachi (Air Port)	0000	73	996·5		999·0	81·7	78·1	76·5	31·2		85		6·8		0	0	0	0	0	15	15	0	1
	0300		997·9		1000·4	82·9	78·7	76·8	31·6		82		7·5		0	0	0	0	0	16	15	0	0
	1200		995·9		998·4	85·9	79·3	76·4	31·5		74		5·9		0	0	0	0	0	22	9	0	0
HYDERABAD.																							
Badin	0000	31	999·8		1000·9	*	81·8						3·0		0	2	0	3	0	20	0	4	2
	0300		1000·6	+0·7	1001·7	82·5	80·9	80·3	35·0	+6·2	92	+12	4·9	—0·3	0	1	0	2	0	26	0	2	0
	1200		998·7		999·8	91·2	81·9	78·1	33·0		67		5·6		2	0	0	1	2	23	0	3	0
Nagarparkar (S)	0000	178 (Prov.)																					
	0300																						
	1200																						
Umarkot	0000	55	996·4		998·2	80·5	77·9	76·8	31·4		89		4·9		0	0	0	0	15	16	0	0	0
	0300		997·5		999·3	83·7	79·1	77·0	31·9		81		5·3		0	0	0	0	15	16	0	0	0
	1200		994·6		996·5	94·3	82·1	77·9	32·9		60		4·9		0	0	0	0	15	16	0	0	0
Chhor	0000	19	997·7		998·4	80·8	76·5	74·5	29·2		82		4·6		0	0	0	0	2	28	0	0	1
	0300		999·1		999·8	83·0	77·4	74·8	29·6		77		5·0		0	0	0	0	0	31	0	0	0
	1200		996·3		996·9	93·1	80·2	74·5	29·4		55		5·5		0	0	0	0	0	31	0	0	0
Hyderabad	0000	98	994·5		997·9	81·6	76·8	74·7	29·4		79		5·3		0	0	0	0	9	21	1	0	0
	0300		995·6	—1·0	999·0	83·4	77·4	74·8	29·0	+1·7	75	+1	5·3	+1·8	0	0	0	0	7	23	1	0	0
	1200		993·4		996·8	92·4	79·8	74·1	28·7		56		4·4		0	0	0	0	8	23	0	0	0

(*) Data rejected. (S) Observations Suspended.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1960.

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.	%	%	oktas	oktas									
KHAIRPUR																							
Pad Idan	0000	153	990·7		995·9	82·1	77·5	75·3	30·1		80		1·5		0	0	0	30	1	0	0	0	0
	0300		992·2		997·4	85·0	78·6	75·8	30·5		74		1·3		0	0	0	29	2	0	0	0	0
	1200		989·1		994·1	103·0	81·2	71·1	26·3		36		1·2		1	2	1	23	4	0	0	0	0
Nawabshah	0000	124	992·4		996·7	82·1	78·6	77·0	31·8		85		2·6		0	0	0	0	31	0	0	0	0
	0300		993·6		997·9	84·5	79·9	78·0	32·8		82		2·8		0	0	0	0	31	0	0	0	0
	1200		991·2		995·4	101·0	84·8	78·5	33·4		50		2·1		0	0	0	0	24	0	0	0	7
Sukkur	0300	221	990·1	—0·2	997·6	84·0	78·5	75·7	30·8	+2·0	77	+3	2·4	+0·9	0	0	0	1	15	14	0	0	1
	1200		986·6		993·9	102·5	85·2	78·4	33·5		46		2·5		4	2	0	0	4	7	5	3	6
Kashmore	0000	255	987·6		996·1	82·3	75·9	73·4	27·7		74		0·7						*				
	0300		989·4		997·9	86·3	79·6	76·5	31·5		73		0·4						*				
	1200		985·9		994·1	101·9	82·4	73·7	28·9		42		1·3						*				
Jacobabad	0000	183	990·0		996·2	85·1	80·2	78·1	33·0		79		2·1		0	0	1	18	11	0	0	0	1
	0300		989·7	—2·8	997·9	86·4	80·8	78·1	33·4	—0·2	78	0	2·2	+0·8	0	0	3	24	3	1	0	0	0
	1200		988·1		994·1	101·7	85·2	78·7	33·8		49		1·8		0	0	0	17	14	0	0	0	0
JUNAGADH.																							
Verabal	0000	26	x			x	x	x					x						x	(c)			
	0300		1002·9		1003·9	(c) 79·6	77·1	(k) 75·6	30·7		89		0·0		0	0	0	0	0	8	18	1	1
	1200		1001·7		1002·7	(c) 80·6	78·6	(c) 77·7	32·5		91		0·0		0	0	0	0	(c) 0	3	22	1	0
AFGHANISTAN.																							
Jalalabad (R)	0000	1950																					
	0300																						
	1200																						
ARABIA																							
Muscat (S)	0300	20																					
	1200																						
HILL STATIONS.																							
KASHMIR.																							
Srinagar (x)	0000	—																					
	0300																						
	1200																						
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	—																					
	1200																						
Sonemarg (x)	0300	—																					
	1200																						
Dras (x)	0300	—																					
	1200																						

(R) Data not received. (*) Data rejected. (x) Data not avilable. (e) Mean of 28 days. (c) Mean of 26 days. (k) Mean of 20 days. (S) Observations suspended.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1960.

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 Geopotential of 850/700 Mbs. pressure level in GPM.	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									
Kargil (x)	0300	—																					
	1200																						
Leh (x)	0000	—																					
	0300																						
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	*		*	57·3	45·3	33·2	6·6		42		1·6		0	3	2	0	0	0	10	0	16
	0300		698·3	—	3083·3	64·5	49·5	35·4	7·4	—	36	—	1·1	—	1	6	2	1	0	0	4	3	14
	1200		694·6		3036·4	75·5	53·6	35·0	7·3		24		1·7		0	2	5	11	0	1	12	0	0
Aliabad (x)	0300																						
	1200																						
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
RAWALPINDI.																							
Murree	0000	7113	779·2		1421·0	63·0	61·6	60·5	18·2		93		6·3		0	0	0	2	0	2	4	15	8
	0300		780·8	—0·8	1435·6	65·4	62·9	61·7	18·7	+0·8	87	0	5·5	+1·0	1	1	1	7	1	0	8	3	9
	1200		779·7		1417·5	70·0	66·8	65·1	21·3		85		7·0		2	3	4	2	1	1	7	3	8
PESHAWAR.																							
Drosh	0000	4806	845·4		1415·1	76·8	66·8	60·9	18·4		58		2·4		0	0	0	1	0	10	0	0	20
	0300		846·3	—2·3	1425·7	80·0	68·9	62·7	19·6	+1·3	56	—6	2·2	+0·4	0	0	0	1	0	2	0	0	28
	1200		841·4		1371·9	95·0	71·2	56·8	16·4		29		2·2		1	0	0	0	0	30	0	0	0
Cherat	0000	4272	861·6		1418·9	73·2	70·0	68·4	23·8		85		3·3		2	0	0	7	22	0	0	0	0
	0300		862·6	—1·0	1428·9	74·6	71·2	69·4	24·8	+3·1	84	+4	4·2	+0·8	7	0	0	1	21	0	0	2	0
	1200		860·6		1410·5	83·6	74·0	69·5	24·8		63		3·2		1	0	0	13	17	0	0	0	0
Kakul	0000	4214	863·7		1420·9	72·0	69·2	67·9	23·3		85		5·0		6	7	7	4	2	1	0	4	0
	0300		864·6	—	1431·0	74·9	71·2	69·4	24·5	—	84	—	4·7	—	0	0	1	6	4	3	9	6	2
	1200		862·5		1411·6	82·1	73·7	70·0	24·9		66		3·6		0	1	1	4	9	14	2	0	0
Balakot	0000	3226	x		x	73·6	70·4	68·7	24·1		85		5·3		0	0	0	0	0	0	0	0	31
	0300		x	—	x	76·4	71·9	69·6	24·9	—	80	—	4·2	—	0	0	0	0	0	0	0	0	31
	1200		x		x	85·0	75·8	71·8	26·7		65		4·3		1	0	0	0	0	0	0	0	30
Landikotal	0000	3503	883·5		1402·8	76·0	71·8	69·9	24·9		81		2·2		0	11	0	0	0	0	0	0	20
	0300		884·5	—	1416·1	80·9	73·2	69·5	24·8	—	68	—	2·3	—	0	15	0	3	0	1	0	0	12
	1200		881·7		1393·1	89·6	75·3	68·7	24·1		50		2·6		0	5	0	26	0	0	0	0	0

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

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1960.

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 Geopotential of 850/700 Mbs. pressure level in GPM.	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									
D. I. KHAN.																							
Parachinar	0000	5673	820·8		1425·6	70·0	65·0	63·7	20·4		81		1·0		13	0	0	0	0	0	0	0	18
	0300		822·2	+0·3	1438·6	72·2	67·3	64·6	21·1	+3·2	77	+10	1·5	—1·0	4	2	2	6	1	0	0	0	16
	1200		(b) 819·4		(b) 1406·5	82·8	77·5	75·8	30·3		79		2·5		0	0	0	25	1	0	0	1	4
Miranshah	0000	3026	(a) 898·3		(a) 1404·3	80·5	72·6	69·3	24·1		67		0·9		0	4	0	0	0	0	0	0	27
	0300		899·8	—	1420·7	83·6	75·0	71·1	26·2	+3·5	67	+6	1·8	—0·4	0	12	0	0	0	0	0	1	18
	1200		897·1		1402·9	93·3	81·3	76·6	31·6		59		2·4		0	26	0	0	0	1	0	0	4
Wana	0300	4503	854·6	—	1421·7	81·2	73·4	70·1	24·9	+5·1	67	0	1·6	—0·1	0	4	2	2	0	0	0	0	23
	1200		852·1		1393·7	87·2	74·2	67·8	23·6		53		2·7		0	13	2	7	0	0	0	1	8
QUETTA.																							
Fort Sandeman	0300	4614	852·5	—0·3	1428·4	80·1	71·2	66·9	22·5	+2·6	64	+8	1·0	—0·5	1	2	0	0	0	0	0	0	28
	(a) 1200		849·3		1397·7	97·5	68·7	48·8	12·2		21		3·5		0	1	0	1	2	2	0	1	23
Hindubagh	0000	5909	812·8		1407·0	76·8	*	*					0·0		0	0	0	1	0	6	8	0	16
	0300		812·3		1400·1	78·0	*	*					0·0		0	0	0	2	0	5	9	2	13
	1200		809·2		1352·8	95·4	*	*					0·0		0	0	1	0	0	8	17	1	4
Loralai	0000	4699	847·4		1405·2	71·1	65·5	61·9	19·2		74		1·0		0	0	0	0	0	0	10	3	18
	0300		848·2		1412·8	72·5	64·4	59·6	17·3		64		1·3		1	0	0	0	0	1	8	5	16
	1200		845·4		1382·3	92·5	73·1	62·8	19·8		38		3·3		0	0	0	25	4	2	0	0	0
Hatnai	0300												0·2						*				
	1200												0·0						*				
Samungli	0000	5213	833·7		1420·9	66·8	59·9	54·5	15·2		68		1·1		0	1	15	10	1	0	0	0	4
	0300		834·6		1427·3	73·1	62·3	54·7	15·3		55		0·9		2	0	3	9	0	0	1	1	15
	1200		831·7		1389·1	95·0	63·1	37·1	8·2		15		1·7		3	1	0	1	1	0	11	14	0

(*) Data rejected. (a) Mean of 30 days. (b) Mean of 29 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF AUGUST, 1960.

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. of Geopotential of 850/700 Mbs. pressure level in GPM.	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.		oF	oF	Mb.	Mb.	%	%	oktas	oktas									
QUETTA—contd.																							
Quetta	0300	5490	825·4	—2·3	1414·5	74·2	65·4	60·4	18·2	+3·3	63	+7	0·4	—0·6	2	1	0	3	8	1	2	1	13
	(a) 1200		823·6		1386·3	93·0	76·0	69·2	24·5		46		1·0		1	0	0	0	0	0	8	2	19
Chaman	0000	4311	859·0		1404·9	77·7	63·7	53·0	14·5		45		0·0		0	0	12	0	0	1	0	0	18
	0300		860·0	—1·6	1415·3	78·0	62·6	50·1	13·1	+1·6	40	+8	0·0	—0·6	0	1	23	2	0	0	0	0	5
	1200		855·4		1370·8	99·5	70·2	51·4	13·2		21		0·0		0	0	1	1	2	12	9	3	3
KALAT (North)																							
Kalat	0000	6616	794·3		1435·0	61·7	54·7	49·4	12·1		65		1·1		0	0	0	1	29	1	0	0	0
	0300		794·9	—0·5	1429·0	74·6	62·5	55·5	14·9	+4·0	53	+7	1·4	0·0	0	1	1	2	25	1	1	0	0
	1200		793·1		1396·2	86·1	69·3	60·3	18·3		43		2·3		2	1	2	0	2	1	10	13	0
Nushki	0000	3416	*			81·5	66·6	57·6	15·5		44		0·0		1	5	9	0	0	0	0	2	14
	0300		893·6		1485·5	88·3	72·9	64·2	20·6		46		0·3		1	5	13	1	0	1	0	7	3
	1200		890·8		1470·0	105·0	82·1	72·5	27·0		37		0·7		0	1	3	2	0	7	5	8	5
Dalbandin	0000	2785	905·5		1394·6	75·7	56·0	36·0	7·3		25		0·9		3	1	0	1	0	3	5	2	16
	0300		906·8	—1·2	1411·5	79·6	58·6	38·6	8·4	—3·6	24	—10	0·9	0·0	1	1	0	2	0	5	3	1	18
	1200		903·7		1408·4	106·0	68·1	37·4	8·0		10		1·3		0	1	2	8	3	6	1	10	0
KALAT (South)																							
Panjgur	0000	3177	895·7		1419·9	75·0	56·0	56·8	17·5		57		0·0		7	12	0	0	0	4	2	3	3
	0300		896·5	+0·2	1430·1	77·4	65·4	55·6	16·8	—3·8	51	—11	1·4	0·0	8	8	2	0	0	7	2	0	4
	1200		894·2		1427·0	100·3	68·3	44·1	11·8		16		1·0		2	0	0	0	0	11	4	13	1
AFGHANISTAN																							
Kabul (R)	0300	5955																					
	1200																						
Kandahar	0300	3462	885·0	—	1400·5	69·2	61·3	56·0	15·3	—	62	—	0·2	—	0	0	0	4	0	0	0	0	27
	1200		882·1		1387·1	91·6	73·0	63·4	20·1		40		0·4		0	0	0	0	0	3	2	0	6

(*) Data rejected. (R) Register not received. (a) Mean of 30 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF AUGUST, 1960.

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
CHITTAGONG DIVISION																					
Rangamati	90·4		98	20,21	77·8		75	18	7·66		1·00	13	18		x		4	0	0	0	0
Cox's Bazar (P.T.)	85·2	—0·1	89	13,23	76·6	+0·5	75	4 days	36·94	+9·19	4·64	31	23	+1·1	5·0	+1·2	2	0	0	0	0
Chittagong (Patenga)	87·9	—	91	14,22	77·7	—	75	31	13·38	—	3·82	31	22	—	x	—	6	0	0	0	0
Chittagong (P.T.) (R)																					
Maijdee Court (R)																					
Comilla (R)																					
Brahmanbaria	89·6	+0·2	93	2,15,23	79·1	+2·9	76	13	9·92	—2·74	3·12	31	14	—2·8	4·2	—	9	0	0	0	0
Srimangal																					
Sylhet	90·8	—	95	10	78·1	—	76	12,20	14·63	—	1·67	18	22	—	x	—	18	0	0	0	0
DACCA DIVISION																					
Mymensingh	90·0	+2·3	95	14	79·0	+0·7	75	23	13·90	—1·59	5·22	31	14	—4·7	1·3	—0·6	4	0	0	0	0
Narayanganj	89·5	+1·7	93	14,22,23	80·3	+1·5	77	4,17,22	13·08	—0·18	2·35	22	18	+0·4	5·9	+1·9	1	0	0	0	0
Dacca (Tejgaon)	88·7		92	14,22,23	79·8		78	4 days	8·06		1·20	31	19		x		5	0	0	0	0
Faridpur	88·3	+1·2	92	22,23	79·2	+0·5	77	4 days	10·91	—1·22	1·44	30	17	—0·1	6·3	+0·7	0	0	0	0	0
Barisal	87·8	+0·8	93	22	79·8	+1·5	76	18	24·15	+9·21	5·75	16	23	+2·7	x		1	0	0	0	0
RAJSHAHI DIVISION																					
Khulna	88·5	+0·6	93	20	79·8	+1·3	77	18	7·34	—6·45	1·53	30	12	—6·4	3·3	—0·3	0	0	0	0	0
Satkhira	89·5	+1·0	94	22	79·4	+1·0	77	6	14·90	+3·33	4·38	6	20	+2·8	0·8	—1·5	0	0	0	0	0
Jessore (P.T.) (R)																					
Pabna (R)																					
Sirajganj	88·8	—	93	14,22	79·9	—	76	31	9·84	—1·49	1·70	27	21	+5·8	2·6	—	4	0	0	0	0
Rajshahi									6·50	—3·81	1·05	16	17	+2·2							

(x) Data not available. (R) Register not received.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF AUGUST, 1960.

Division and Station.	Maximum Temperature of the Air oF				Minimum Temperature of the Air oF				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
RAJSHAHI DIVISION—Contd																					
Bogra (P.B.O.)	89·9	+1·1	95	23	80·1	+1·5	78	6,17,31	8·58	—4·42	2·43	6	15	—1·4	2·8	+1·1	11	0	0	0	0
Dinajpur	91·5	+2·5	96	23	78·8	—0·1	76	17	5·71	—8·00	1·84	31	11	—4·3	2·0	—0·3	5	0	0	0	0
Rangpur	90·4		95	23	80·2		79	10 days	4·99	—8·76	1·63	20	12	—2·0	2·6		2	0	0	0	0
KASHMIR																					
Jammu (x)																					
LAHORE																					
Lahore (P.B.O)	97·3	+0·3	103	4,5	80·3	+1·6	75	5,6,26	2·36	—2·79	1·03	26	3	—2·7	2·7	+1·0	10	0	0	0	1
Lahore (Cantt.)	96·3	—	103	4,5	80·0	—	74	13	2·51	—	1·12	13	4	—	4·4	—	11	0	0	0	0
Lahore (Walton)	96·9	—	103	4	80·1	—	74	6	5·80	—	3·02	13	6	—	4·8	—	8	0	0	0	0
Sialkot	93·9	—0·3	100	4,8,9	78·5	+0·3	75	1	4·04	—5·26	0·91	13	10	+1·0	(f) 1·9	+0·3	0	0	0	0	0
RAWALPINDI																					
Jhelum	94·2	—	100	8,12	77·6	—	72	5,23	9·27	—	2·22	23	10	—	1·5	—	18	0	0	0	2
Chaklala	92·6	—	100	12	77·3	—	70	18	7·99	—	2·73	18	8	—	4·9	—	20	0	0	0	0
Rawalpindi	94·0	+0·3	101	12	77·1	+1·6	71	4 days	7·00	—2·17	2·53	27	7	—2·1	(x)	—	16	0	0	0	0
Khushab	99·9	+0·1	105	4 days	*	—	—	—	2·65	—0·86	1·50	23	2	—1·7	4·9	+0·3	0	0	0	0	0
Sargodha (P.A.P.)	x	—	—	—	x	—	—	—	2·13	—	1·26	23	4	—	3·7	—	7	0	0	0	1
MULTAN																					
Lyallpur	99·2	+1·2	105	4,5	82·4	+1·9	72	24	2·39	—1·19	1·85	14	3	—2·3	2·9	+0·5	6	0	0	0	0
Montgomery	101·0	+0·9	109	5	82·0	+0·3	73	25	2·04	—0·86	1·00	10	5	+1·3	2·4	—1·9	5	0	0	0	1
Multan (P.B.O)	102·1	—	109	6	84·5	—	76	18	1·87	—	1·07	7	2	—	5·9	—	3	0	0	1	3
Multan	103·2	+4·3	112	6	85·7	+2·8	77	18	1·17	—0·65	0·82	7	2	—0·5	(x)	—	4	0	0	2	2

(*) Data rejected. (x) Data not available. (f) Mean of 25 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF AUGUST, 1960.

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
BAHAWALPUR																					
Leiah	105·8	—	114	1	83·3	—	73	25,26	1·96	—	1·51	24	2	—	(x)	—	8	0	0	0	2
Khanpur (Surf) (x)																					
Khanpur (P.B.O)	103·0	—	109	5,6,7	82·9	—	80	11,22,31	0·27	—	0·17	7	2	—	(x)	—	2	0	0	0	1
Bahawalpur	102·5	+1·9	109	5,6	84·4	+2·7	74	29	0·42	—0·91	0·25	7	2	—0·3	4·2	+0·4	0	0	0	0	0
Fort Abbas	101·8	—	111	5,6	*	—	—	—	1·85	—	1·25	10	2	—	4·0	—	0	0	0	0	0
PESHAWAR																					
Chakdara	95·5	—	101	6,9	75·7	—	71	19	4·80	—	2·25	16	7	—	(x)	—	4	0	0	0	0
Peshawar	98·5	+0·3	108	9	81·0	+2·1	75	23	2·11	+0·08	1·95	11	2	—0·5	3·1	+1·4	8	0	0	0	0
Risalpur	100·0	—	110	9	81·1	—	73	23	1·57	—	0·76	28	5	—	3·7	—	8	0	0	0	0
Haripur	94·7	—	100	4 days	76·0	—	68	19	14·09	—	3·34	18,27	9	—	3·2	—	0	0	0	0	0
Campbellpur (R)																					
D. I. KHAN																					
Kohat	99·5	—	107	9	80·6	—	75	1,17	2·68	—	0·97	11	4	—	3·3	—	15	0	0	0	0
Bannu	100·9	+0·9	107	9	82·7	+2·4	72	23	1·28	—0·61	0·98	23	2	—1·1	2·5	—	3	0	0	0	0
D. I. Khan	103·5	+3·0	112	1	82·2	+1·0	75	18	0·45	—1·45	0·45	18	1	—1·3	1·6	+0·1	0	0	0	0	0
Mianwali	100·2	—	109	5	83·1	—	71	23	2·33	—	1·91	10	2	—	(x)	—	0	0	0	3	0
QUETTA																					
Sibi	109·3	+4·4	114	2,5,6	89·9	+4·6	87	27,31	0·00	—0·58	0·00		0	—1·1	2·8	—2·2	0	0	0	0	0
KALAT (North)																					
Nokkundi	108·5	+1·6	114	12	83·0	+1·9	75	17,18,27	0·00	0·00	0·00		0	0·0	x		0	0	0	0	0
KALAT (South)																					
Turbat	105·0		113	4,18	x				0·00		0·00		0		x		0	0	0	0	0
Jiwani	88·7		94	17	80·5		78	1,2,3	0·00		0·00		0		7·9		0	0	0	0	0
Pasni	90·9	+2·7	93	4 days	79·5	+3·2	75	4	0·00	—0·17	0·00		0	—0·3	8·2	+2·5	0	0	0	0	0
Ormara	90·5	+3·5	94	19	80·5		79	4 days	0·00	—0·11	0·00		0	—0·3	8·2	—0·4	0	0	0	0	0
Lasbela	108·1	+8·9	112	20,22	*				0·00	—1·06	0·00		0	—2·0	x		0	0	0	0	0
FEDERAL CAPITAL AREA																					
Karachi (Manora)	88·7	+2·9	92	3,5	80·2	+1·7	78	9,11	0·21	—1·35	0·12	12	1	—0·6	x		0	0	0	0	0
" (Mauripur)	87·5		92	3	81·5		79	12	0·54		0·34	12	2		x		0	0	0	0	0
" (City)	87·8		92	8	79·5		78	6 days	1·09		0·64	12	2		8·0		0	0	0	0	0
" (PAF) (S)																					
" (Airport)	88·8		92	6 days	81·2		79	29	1·12		0·76	12	2		10·7		0	0	0	0	0

(*) Data rejected. (x) Data not available. (R) Register not received. (S) Observations Suspended.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF AUGUST, 1960.

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
HYDERABAD																					
Badin	94·5	+2·3	103	4	80·7	+1·4	78	29,31	0·20	−2·12	0·20	11	1	−1·3	x		0	0	0	0	0
Nagar Parkar (S)																					
Umarkot	97·2		104	1	79·7		77	28,29	0·00		0·00		0		8·5		0	0	0	0	0
Chhor	95·4		100	3,4	79·9		77	28,29	0·10		0·05	7,11	0		7·3		0	0	0	0	0
Hyderabad	96·8	+1·0	105	3,4	81·2	+2·0	78	11	0·89	−1·14	0·89	11	1	−1·2	11·6	+2·6	0	0	0	0	0
KHAIRPUR																					
Pad Idan	105·0		109	3,5	81·8		80	8 days	0·00		Tr.	11	0		8·6		0	0	0	0	0
Nawabshah	103·2		109	3	81·3		77	11	0·33		0·33	11	1		8·6		0	0	0	0	0
Sukkur	103·7	+2·5	108	5,6	81·4	+0·6	79	5 days	0·00	−1·12	Tr	11	0	−1·0	3·2	−1·2	0	0	0	0	0
Kashmore	103·0		111	7	80·5		79	14 days	0·00		0·00		0		*		0	0	0	0	0
Jacobabad	102·5	−1·2	107	5,6	84·3	+2·1	81	27	0·00	−0·88	Tr	11	0	−1·3	7·6	+1·8	0	0	0	0	0
JUNAGADH																					
Veraval	x				(x) 77·1				(c) 0·86		0·25	1,12,13	4		x		0	0	0	0	0
AFGHANISTAN																					
Jalalabad (R)																					
ARABIA																					
Muscat (S)																					
HILL STATIONS																					
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonemarg (x																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Misgar	80·9	—	88	14	55·3	—	48	3,4	0·00		0·00		0		4·1		0	0	0	0	0
Alishad (x)																					
Gilgit (x)																					
RAWALPINDI																					
Murree	73·2	0·0	78	1,5	60·0	+2·6	57	12,24	10·46	−3·41	1·51	16	18	+3·7	3·7	+0·5	9	0	13	0	0

(*) Data rejected. (x) Data not available. (R) Register not received. (S) Observations Suspended. (c) Mean for 28 days.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF AUGUST, 1960.

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
PESHAWAR																					
Drosh	98·9	+3·7	103	9	75·5	+2·9	67	6	0·54	—0·11	0·25	6	2	+0·1	4·8	+0·6	7	0	0	0	0
Chetsat	86·5	+1·1	96	9	(a) 71·2	+1·3	65	21,23	4·53	—0·41	1·13	4	5	—1·4	7·3	+2·8	2	0	0	0	0
Kakul	84·9	—	89	12	70·5	—	65	3,23,24	8·23	—	1·10	23	12	—	(x)	—	15	0	0	0	0
Balakot	89·5	—	94	5,9	72·4	—	67	17	20·35	—	8·95	15	15	—	1·6	—	12	0	0	0	0
Landikotal	92·6	—	103	9	75·1	—	70	23	0·02	—	0·02	16	0	—	(n) 3·8	—	6	0	0	0	0
D. I. KHAN																					
Parachinar	86·5	+1·8	90	4 days	66·3	+1·5	61	2,11,28	6·20	+2·50	1·80	18	7	—0·6	2·8	+0·7	0	0	0	0	0
Miranshah	95·8	+2·3	101	9	79·4	+2·6	74	23,24	0·66	—0·55	0·57	23	1	—1·6	4·6	—0·8	0	0	0	0	0
Wana	92·9	+1·5	99	1,31	*	—	—	—	0·70	—0·24	0·40	3	2	—1·2	3·9	—	0	0	0	0	0
QUETTA																					
Fort Sandeman	(a) 100·4	+3·5	106	1	(a) 76·5	+3·2	70	16	2·85	+0·95	1·29	16	3	—0·8	x		0	0	0	0	0
Hindubagh	95·5		100	10	73·5		67	28	0·00		0·00		0		5·5		0	0	0	0	0
Loralai	95·3		99	8	67·3		63	20,22	0·00	—1·22	0·00		0	—1·9	3·0		0	0	0	0	0
Harnai									0·65	—2·01	0·65	18	1	—3·3	x		0	0	0	0	0
Sarangli	96·8		100	10,13,14	62·8		54	3	0·00		0·00		0		x		0	0	0	0	0
Quetta	95·7		98	8 days	64·3		58	1	0·00		0·00		0		3·7	+1·7	0	0	0	0	0
Chaman	100·6	+2·3	104	10,12,13	74·2	+0·9	70	3,27	0·00	—0·04	0·00		0	—0·1	x		0	0	0	0	0
KALAT (North)																					
Kalat	92·7	+2·9	96	9	60·5	+2·3	55	2	0·00	—0·33	0·00		0	—0·9	x		0	0	0	0	0
Nushki	106·8		112	11	80·0		76	27	0·00		0·00		0		x		0	0	0	0	0
Dalbandin	107·6	+1·5	112	13	72·7	+1·1	68	4,6,25	0·00	—0·13	0·00		0	—0·2	3·2	—1·1	0	0	0	0	0
KALAT (South)																					
Panjgur	101·1	+0·2	106	14,15	72·2	+1·0	65	4	0·00	—0·34	0·00		0	—0·7	x		0	0	0	0	0
AFGHANISTAN																					
Kabul (R)																					
Kandahar	98·3	—	102	13	64·5	—	57	23	0·00	—	0·00	—	0	—	0·4	—	0	0	0	0	0

(*) Data rejected. (x) Data not available. (a) Mean for 30 days. (n) Mean for 17 days. (R) Register not received.

A. S. M. Press, Dacca—Civil—15,—21-10-54—200 copies

Regd. No S. 1452.

PAKISTAN WEATHER REVIEW, 1960

Monthly Weather Report.

SEPTEMBER.

PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN

Chief Features.—(1) Two depressions formed in north and adjoining central Bay of Bengal towards the beginning of the second week and the middle of the fourth week causing pronounced rainfall activity in East Pakistan.

West Pakistan.—Nine western disturbances affected the weather over West Pakistan during the month, but they were feeble and caused only scattered to local rainfall in the northern parts of the region during the first fortnight and from the 20th to the end of the month. Lahore and Rawalpindi divisions were the only exception where fairly widespread rain fell on a few days. Day temperatures were generally 3-5°F above normal more frequently in the northern division of Rawalpindi, Peshawar, D. I. Khan and Multan Divisions and were occasionally below normal in Kalat, Quetta and Hyderabad Divisions. Noteworthy amounts of rainfall were Rawalpindi 1½″ on the 2nd, Lahore 2″ on the 11th, Murree 1½″ on the 24th and Parachinar 1½″ on the 25th.

The total rainfall during the month was in large excess in D. I. Khan Division, normal in Rawalpindi and Peshawar Divisions and in slight defect in Multan Division. It was in moderate defect in Lahore Division and in large defect elsewhere. Averaged over the region as a whole it was in moderate defect.

The mean maximum temperature was normal in Rawalpindi, D. I. Khan, Kalat and Khairpur Divisions and above normal elsewhere. The mean minimum temperature was above normal in Lahore and Kalat Divisions and normal over rest of the region.

The mean relative humidity was normal everywhere except in Hyderabad Division where it was in excess. The mean cloud amount was in defect over the region except in Rawalpindi, Kalat, the Federal Capital Area, Hyderabad and Khairpur Divisions where it was normal.

East Pakistan.—Two depressions formed in North and adjoining central Bay of Bengal during the month and caused pronounced rainfall activity in East Pakistan. The first of these developed on the 8th morning and was centred within one degree of Latitude 17°N and Longitude 82°E. It moved northnorthwestwards. crossed Orissa coast on 9th night and rapidly weakened into a low by the 11th morning. The second formed due to the intensification of an easterly low pressure wave and was centred at 0300 G.M.T. of the 23rd within one degree of Latitude 18°N and Longitude 91°E. It became deep by the 24th evening and crossed coast on the following night. Thereafter it generally weakened and finally moved away as a low across sub-Himalayan West Bengal. In association with these depressions monsoon became active and caused fairly widespread to widespread rain with locally moderate to heavy falls in East Pakistan between the 14th and the 17th and again between the 25th and the 28th.

During the rest of the month monsoon was generally moderate and caused mainly local rainfall except during the first three days of the month when it was active and caused pronounced rainfall activity throughout the region.

Outstanding amounts of rainfall were :—Rangpur 3″ on the 1st, Mymensingh 5″ and Brahmanbaria 4″ on the 2nd, Rangpur 3″ on the 6th, Bogra 3″ on the 9th and Barisal on the 10th, Sylhet 4″ and Mymensingh 3″ on the 14th Rangpur 4″ and Sylhet, Satkhira and Bogra 3″ each on the 15th, Sylhet 4″ and Dacca 3″ on the 16th, Comilla 4″ on the 25th, Maijdi Court 7″ and Barisal 3″ on the 26th and Rangpur 3″ on the 28th.

The total rainfall during the month was normal over the region outside Dacca Division where it was in large excess. Averaged over the region it was in slight excess.

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

Table I contains the Divisional means of rainfall, temperature, humidity and cloud amount for the 15 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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Division.	PRECIPITATION.				DEPARTURE FROM NORMAL OF				
							03·00 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.									
Chittagong	12·27	12·31	—0·04	0	—0·5	+1·0	+0·5	+1	—0·4
Dacca	18·58	11·31	+7·27	+64	—0·6	+0·4	+0·6	+2	+0·5
Rajshahi	11·53	10·74	+0·79	+7	—0·7	0·0	+0·6	+2	+0·8
Mean	13·81	11·39	+2·42	+21	—0·6	+0·4	+0·6	+1·7	+0·3
WEST PAKISTAN.									
Kashmir *									
Lahore	1·47	2·81	—1·34	—48	+2·0	+3·0	+0·7	—3	—0·4
Rawalpindi	3·26	3·56	—0·30	—9	+0·4	+0·9	+0·6	+3	—0·2
Multan	0·86	1·10	—0·24	—22	+2·0	+1·7	—1·0	—5	—0·6
Bahawalpur	0·00	0·13	—0·13	—100	+3·1	+1·4	+1·0	+2	—0·2
Peshawar	1·13	1·19	—0·06	—5	+2·2	+0·6	0·0	—2	—0·3
D. I. Khan	2·00	0·92	+1·08	+117	+0·8	+0·2	+1·1	+1	—0·5
Quetta	0·00	0·32	—0·32	—100	+2·0	+1·3	+0·3	—1	—0·2
Kalat	0·00	0·10	—0·10	—100	+1·3	+2·4	+0·2	—5	—0·3
Federal Capital Area	0·00	0·52	—0·52	—100	+3·0	+0·7	+0·5	—5	+0·1
Hyderabad	0·00	0·76	—0·76	—100	+2·5	+0·7	+2·8	+7	—0·2
Khairpur	0·00	0·09	—0·09	—100	+1·0	+0·5	—1·3	—4	0·0
Mean	0·45	0·63	—0·18	—29	+1·8	+1·5	+0·5	—1	—0·3
Junagad *									

* Data incomplete.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1960.

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 Geopotential of 850/700 mbs. pressure level in Gpm.	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									
CHITTAGONG																							
Rangamati	0000	208	999·1		1006·3	77·2	76·4	75·9	30·7		96		6·5		0	0	0	0	8	0	0	0	22
	0300		1000·8		1007·9	83·0	78·7	77·7	31·6		82		5·2		8	0	0	0	15	1	1	0	5
	1200		997·2		1004·3	82·0	78·7	77·6	32·0		86		6·1		7	0	2	0	10	1	0	0	10
Cox's Bazar (P.T.)	0300	38	1005·5	—0·7	1006·8	82·4	79·0	77·6	32·3	+0·6	86	+2	5·1	—0·1	2	0	1	12	12	2	0	1	0
	1200		1002·4		1003·7	81·5	78·6	77·1	32·1		87		5·5		1	0	1	6	11	7	2	2	0
Chittagong (Patenga)	0000	20	1004·7		1005·4	78·4	77·3	76·8	31·5		95		6·0		1	0	4	11	1	0	0	1	12
	0300		1006·3		1007·0	83·2	79·5	78·0	32·7		85		5·9		1	3	2	15	3	1	0	1	4
	1200		1003·1		1003·8	83·1	79·6	78·2	32·9		85		6·3		0	1	0	5	11	4	1	2	6
Chittagong (P.T.)	0300	46	1005·2	—0·9	1006·8	82·9	78·9	77·3	31·9	+0·6	84	0	3·2	—2·3	2	5	2	14	5	1	0	0	1
	1200		1001·9		1003·4	82·1	78·7	77·7	32·0		86		4·5		1	1	0	5	12	5	2	2	2
Maijdi Court (R)	0000	25																					
	0300																						
	1200																						
Comilla (R)	0000	29																					
	0300																						
	1200																						
Brahmanbaria	0000	32	1004·3		1005·4	79·8	78·3	77·9	32·4		94		6·1		0	0	1	9	7	1	0	0	12
	0300		1005·8		1006·9	83·2	79·1	77·2	32·1	+1·0	83	+4	5·5		0	5	3	8	7	2	0	1	4
	1200		1002·2		1003·3	83·7	79·7	78·0	32·8		83		5·1		0	0	2	5	6	0	0	1	16
Srimangal	0000	69	1003·4		1005·8	76·7	75·5	75·2	29·6		95		6·2		0	0	0	0	0	0	0	0	30
	0300		1004·6	—0·9	1007·0	82·2	78·3	76·8	31·3	—0·2	83	—2	6·2	+1·3	0	2	0	1	2	0	0	0	25
	1200		1000·7		1003·1	83·2	79·5	78·1	32·7		84		5·8		0	0	0	0	0	0	1	0	29
Sylhet (P.B.O.)	0000	115	1001·0		1005·0	77·3	76·4	75·9	30·6		96		6·2		1	3	6	2	6	0	1	1	10
	0300		1002·7		1006·6	82·1	78·7	77·4	32·0		86		6·5		0	1	10	5	6	0	1	0	7
	1200		998·9		1002·9	82·1	79·1	77·4	32·6		87		6·2		1	2	0	1	2	2	4	1	17
DACCA																							
Mymensingh	0000	62	1002·9		1005·0	79·7	78·4	78·1	32·6		94		5·2		0	0	0	7	0	0	2	0	21
	0300		1004·8	—0·4	1006·9	82·4	79·6	78·5	33·2	+0·7	88	+3	6·2	+0·2	0	0	0	16	0	0	5	0	9
	1200		1000·8		1002·9	84·1	80·1	78·5	33·3		84		5·9		0	0	0	8	0	1	3	0	18
Narayanganj	0000	26	1004·1		1005·0	80·5	78·8	78·2	32·8		92		7·1		0	0	1	5	6	2	0	0	16
	0300		1005·5	—0·5	1006·4	84·1	79·6	77·8	32·5	0·0	82	0	7·1	+1·0	0	1	7	5	5	5	2	1	4
	1200		1001·9		1002·8	83·4	79·1	77·6	32·1		83		6·4		0	0	4	5	8	2	0	0	11
Dacca (Tejgaon)	0000	27	1003·3		1004·2	79·5	78·4	78·2	32·6		96		6·4		0	0	3	6	6	6	0	0	9
	0300		1005·0		1005·9	82·9	79·4	78·3	32·7		86		6·7		2	0	4	8	3	8	2	2	1
	1200		1001·4		1002·3	82·1	79·0	77·6	32·4		86		6·5		0	0	0	4	9	8	1	2	6

(R) Register not received.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1960—Contd.

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/ 00 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	oktas									
DACCA—Contd.																							
Faridpur (R)	0000	46																					
	0300																						
	1200																						
Barisal	0000	11	1004·6		1005·0	80·5	79·2	78·6	33·4		95		4·7		0	0	1	0	0	0	1	0	28
	0300		1006·0	—0·3	1006·4	83·6	80·4	79·1	34·0	+1·1	87	+4	5·7	—0·4	0	0	0	5	3	0	2	0	20
	1200		1002·7		1003·1	84·0	80·2	78·5	33·5		84		5·8		0	0	0	2	3	0	1	0	24
RAJSHAHI																							
Khulna	0000	16	1004·0 (b)		1004·6 (b)	79·7 (b)	78·7 (b)	78·6 (b)	33·0		96		4·6		0	0	1	0	2	0	0 (b)	0	27
	0300		1005·8	—0·3	1006·4	83·8	80·1	78·7	33·5	+0·9	85	+4	5·8	+0·1	0	0	1	2	3	0	0	0	23
	1200		1002·2		1002·8	83·2	79·7	78·5	33·0		85		5·2		0	0	1	1	2	0	0	0	26
Satkhira	0000	16	1003·7		1004·3	80·1	79·2	78·7	33·7		97		5·9		0	0	0	1	0	1	0	0	28
	0300		1005·4	—0·4	1006·0	84·8	81·0	79·2	34·4	+0·7	84	+1	6·0	+1·0	0	0	0	2	1	1	0	0	26
	1200		1001·9		1002·4	84·7	81·1	79·8	35·4		86		6·6		0	0	0	0	1	2	0	0	27
Jessore (P.T.)	0000	26	1003·1		1004·0	79·2	78·4	78·2	32·8		97		6·1		0	0	2	3	7	0	0	0	18
	0300		1004·9	—0·7	1005·8	83·3	80·3	79·1	34·0	+0·7	87	+3	6·4	+1·3	0	1	3	2	7	3	0	1	13
	1200		1002·1		1003·0	83·5	80·3	78·9	33·9		86		6·9		0	0	0	0	10	0	0	0	20
Pabna (R)	0000	48																					
	0300																						
	1200																						
Serajganj	0000	51	1002·2		1004·0	79·9	79·0	78·6	33·5		96		5·9		0	0	3	3	2	2	0	0	20
	0300		1004·1		1005·8	83·2	80·1	78·8	33·6		87		6·2		0	0	3	2	6	3	0	0	16
	1200		1000·2		1001·9	83·1	80·1	78·8	33·7		86		5·9		0	0	1	1	4	1	0	0	23
Rajshahi	0300												*										
Bogra (P.B.O.)	0000	65	1001·5		1003·7	79·5	78·7	78·4	33·1		97		6·3		0	1	5	4	1	4	0	0	14
	0300		1003·6	—0·9	1005·8	83·0	79·9	78·6	33·4	+0·5	87	+3	6·5	+1·5	0	4	6	5	0	8	1	1	6
	1200		999·8		1002·0	83·5	80·2	78·8	33·7		86		6·2		0	3	4	1	1	5	1	1	14
Dinajpur	0000	123	999·7		1004·0	79·0	77·8	77·2	32·2		94		5·0		0	1	2	0	0	0	0	0	27
	0300		1001·1	—1·1	1005·4	83·3	79·4	77·8	32·5	+0·2	84	—1	5·4	+0·3	0	0	0	0	0	0	0	0	30
	1200		997·6		1001·8	84·7	80·3	78·4	33·3		82		4·8		0	0	3	0	0	0	0	0	27
Rangpur	0000	113	1001·0	—	1004·9	79·1	78·2	78·1	32·6		96		5·8		2	5	8	3	2	0	1	0	9
	0300		1002·4		1006·3	82·3	79·5	78·4	33·1		88		5·0		1	7	12	3	2	2	2	0	1
	1200		998·9		1002·7	83·6	80·2	78·5	33·7		85		4·8		3	2	3	15	1	0	1	0	5

(R) Register not received. (b) Observation for 29 days. * Data rejected.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1960—Contd.

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 Geopotential of 850/700 mbs. pressure level in Gpm.	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																							
Jammu (×)	0300	1200																					
	1200																						
LAHORE																							
Lahore (PBO)	0000	702	978·9		1002·9	77·3	73·0	70·7	25·8		80		0·9		0	2	0	7	0	1	0	0	20
	0300		980·3	—0·6	1004·2	83·0	74·9	70·9	25·9	+0·7	66	0	0·9	—0·5	0	0	0	9	2	4	1	1	13
	1200		977·7		1001·0	95·1	77·3	68·6	23·9		42		1·5		1	1	0	0	0	3	1	6	18
Lahore Cantt.	0000	709	978·1		1002·2	77·2	73·9	72·1	27·1		85		0·7		1	1	4	5	4	2	0	1	12
	0300		979·7	...	1003·5	83·1	76·2	73·0	27·7	...	71	...	0·7	...	0	3	2	4	8	6	3	1	3
	1200		977·0		1000·3	94·4	78·5	70·8	26·0		47		0·9		8	5	2	0	0	3	3	9	0
Lahore (Walton)	0000	699	978·4		1002·3	77·3	72·9	70·7	25·6		80		0·7		0	1	2	9	1	2	0	2	13
	0300		980·1	...	1003·8	83·2	75·2	71·1	26·2	...	67	...	0·8	...	0	1	0	10	4	6	1	1	7
	1200		977·3		1000·4	95·2	77·6	68·8	24·3		43		1·1		3	4	0	0	2	2	2	16	1
Sialkot	0000	830	(d) 973·6		(d) 1001·8	(b) 77·8	(b) 73·4	(b) 71·2	26·1		80		0·1		0	0	0	0	0	0	0	2	28 (b)
	0300		975·7	—1·1	1003·8	82·9	75·2	71·2	26·3	+0·8	68	—7	1·3	—0·3	0	1	0	5	0	1	0	0	22 (d)
	1200		(b) 972·7		(b) 1000·4	93·0	78·0	71·5	25·9		49		1·1		0	0	0	2	0	2	0	2	21
RAWALPINDI																							
Jhelum	0000	765	976·2		1002·6	75·5	72·0	70·2	25·3		83		1·2		0	1	0	1	0	0	0	2	26
	0300		978·2	...	1004·3	80·5	73·3	69·5	24·8	...	69	...	1·3	...	0	5	1	4	0	1	1	4	14
	1200		975·1		1000·5	93·2	77·9	70·4	25·7		48		1·4		1	3	1	1	1	4	0	2	17
Chaklala	0000	1667	947·4		1004·2	70·6	67·5	65·8	21·8		85		1·4		2	10	1	1	0	0	1	1	14
	0300		948·8	...	1004·9	77·1	69·9	66·1	22·1	...	69	...	1·4	...	2	11	5	2	0	0	0	1	9
	1200		946·7		1001·4	89·2	73·7	66·1	22·1		47		1·4		0	4	0	4	6	4	5	4	3
Rawalpindi	0000	1675	946·9		1003·9	71·7	67·9	65·6	21·8		82		1·0		4	3	2	0	2	0	0	1	(b) 17
	0300		948·1	—0·9	1004·6	78·3	70·5	66·4	22·3	+0·5	67	+9	1·5	—0·1	4	6	9	1	0	0	0	1	9
	1200		946·0		1001·0	89·5	74·1	66·5	22·5		47		1·6		2	1	2	3	7	3	5	3	4
Khushab	0000	616	(c) 981·5		(c) 1002·6	79·0	73·4	70·4	25·6		76		0·2		0	0	14	2	0	0	0	0	14
	0300		982·7	—1·3	1003·6	83·0	74·8	69·8	25·7	+1·9	66	+2	0·5	—0·6	0	1	14	0	0	0	0	0	15
	1200		979·9		1000·2	97·8	76·2	64·6	21·1		35		0·6		1	2	10	2	3	0	0	0	12
Sargodha (PAF)	0000	617	981·3		1002·4	78·0	72·6	69·8	24·7		75		0·9		0	4	8	0	0	6	0	1	11
	0300		982·8	...	1003·7	82·7	75·1	71·4	26·3	...	69	...	0·4	...	0	8	10	4	1	3	0	0	4
	1200		980·4		1000·8	95·5	76·9	67·2	23·1		41		1·1		0	3	9	5	3	2	4	0	4
MULTAN																							
Lyallpur	0000	605	981·7		1002·4	78·4	72·4	69·2	24·5		73		0·6		0	1	1	7	0	0	0	1	20
	0300		982·8	—0·9	1003·4	82·3	74·1	69·7	25·1	+1·5	66	+2	0·4	—1·1	1	1	0	3	3	2	2	1	17
	1200		980·8		1000·8	95·7	77·7	68·7	24·3		42		1·8		1	2	2	3	4	3	3	3	9
Montgomery	0000	558	983·1		1002·2	78·4	72·5	68·9	24·6		73		0·1		0	0	0	5	0	2	0	0	23
	0300		984·6	—0·8	1003·4	84·5	74·8	70·7	25·1	—0·8	63	—6	0·4	—0·5	0	1	0	14	2	8	1	1	3
	1200		982·3		1000·6	97·6	77·2	66·7	22·6		37		0·4		0	0	0	1	2	8	0	1	18
Multan (PBO)	0000	404	987·7		1001·7	79·9	71·7	67·1	22·8		65		0·5		0	0	1	10	10	1	0	0	8
	0300		989·3	...	1003·1	83·4	73·4	68·1	23·6	...	60	...	0·3	...	0	2	2	7	10	5	0	0	4
	1200		987·0		1000·2	98·7	75·7	62·9	19·9		32		0·1		0	0	0	4	10	9	2	0	5
Multan (Surface)	0300	413	988·8	—1·1	1002·9	84·0	73·7	68·8	23·7	—3·8	59	—10	0·5	—0·1	0	0	1	1	9	11	0	0	8
	1200		986·2		999·8	99·8	77·1	65·0	21·5		33		1·0		0	0	0	0	10	12	0	0	8

(b) Mean for 29 days. (d) Mean for 27 days. (c) Mean for 28 days. (×) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1960—Contd.

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 Geopotential of 850/700 mbs. pressure level in Gpm.	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									
BAHAWALPUR																							
Leiah (R)	0000	487																					
	0300																						
	1200																						
Khanpur (Surface) (R)	0300	297																					
	1200																						
Khanpur (P.B.O.) (R)	0000	290																					
	0300																						
	1200																						
Bahawalpur	0300	384	990·3	—0·4	1003·3	84·4	76·9	74·1	28·2	+1·0	69	+2	0·2	—0·2	0	1	0	0	8	5	0	0	16
	1200		987·1		999·8	100·5	*	*	*		*		0·2		3	2	0	1	0	5	0	5	14
Fort Abbas	0000	475	(R) 986·0		(b) 1002·4	79·4	71·3	67·0	22·5		66		0·1		0	1	2	2	4	7	1	1	12
	0300		987·6	...	1003·7	86·9	74·0	67·3	22·8	...	52	...	0·0	...	0	1	5	2	4	10	4	0	4
	1200		985·0		1000·7	101·5	76·7	62·6	20·1		29		0·1		5	5	2	1	6	4	4	0	3
PESHAWAR																							
Chakdara	0000	2197	928·8		1002·9	69·7	63·0	58·3	17·0		68		0·5		1	1	0	10	1	0	5	4	8
	0300		929·9	...	1003·8	72·7	65·4	60·1	18·4	...	67	...	1·0	...	0	0	2	13	1	2	5	2	5
	1200		927·3		998·7	89·3	72·6	63·9	20·6		44		0·5		0	0	2	4	3	5	8	5	3
Peshawar	0000	1177	962·8		1002·9	74·1	67·7	63·4	20·3		70		0·5		4	0	0	1	6	3	1	3	12
	0300		964·5	—1·1	1004·4	78·9	70·4	65·5	21·5	+1·4	64	+4	0·8	—0·7	3	1	0	0	1	1	1	6	17
	1200		961·5		1000·3	92·3	74·9	65·3	21·6		41		1·9		8	14	2	1	0	0	0	1	4
Risalpur	0000	1009	967·8		1002·3	74·3	71·7	70·2	25·3		88		1·4		0	6	3	3	0	0	1	1	16
	0300		969·4	...	1003·6	80·3	73·7	70·0	25·4	...	72	...	1·3	...	1	2	3	6	1	2	4	0	11
	1200		966·2		999·4	95·3	78·5	69·4	25·6		45		2·0		0	14	6	5	0	0	0	2	3
Haripur	0300	1757	944·7	...	1003·6	78·1	69·2	63·8	20·7	...	62	...	1·7	...	0	13	0	2	0	13	0	2	0
	1200		942·5		1000·2	88·4	75·8	70·3	25·3		55		0·1		0	0	0	6	0	16	9	8	0
Campbellpur (R)	0300	1175																					
	1200																						
D. I. KHAN.																							
Kohat	0000	1667	947·2		1003·5	77·5	66·9	60·6	18·2		56		0·4		2	1	0	0	0	0	4	17	6
	0300		949·1	...	1004·9	80·6	68·0	60·9	18·3	...	51	...	1·0	...	0	0	2	0	0	0	3	16	9
	1200		946·5		1000·9	92·9	71·4	59·2	17·5		33		1·8		1	6	4	5	4	1	1	3	5
Bannu	0000	1263	959·0		1001·7	76·0	69·7	66·1	22·1		73		0·2		0	1	0	0	0	0	0	0	29
	0300		960·3	...	1002·9	80·6	72·1	67·1	23·0	+1·5	65	+5	0·6	—0·3	0	3	0	0	0	0	0	1	26
	1200		958·1		999·5	94·5	75·1	65·5	20·9		38		0·9		1	4	6	12	3	0	1	0	3
D. I. Khan	0000	570	982·5		1001·0	77·2	72·3	69·9	24·8		77		0·3		0	0	0	0	0	0	0	0	30
	0300		983·5	—1·2	1002·9	82·9	74·6	70·9	25·4	+0·1	66	—3	0·5	—0·3	0	5	0	0	0	0	0	0	25
	1200		980·5		999·3	98·0	80·2	73·0	27·1		43		1·0		0	4	1	1	0	0	0	0	24
Mianwali	0000	679	977·9		1001·2	78·3	71·7	67·9	23·6		71		0·2		0	0	0	1	0	0	0	0	29
	0300		979·6	...	1002·7	83·5	73·9	66·8	24·3	...	62	...	0·7	...	3	1	0	0	1	0	0	0	25
	1200		976·6		999·1	97·0	77·0	67·0	22·6		38		0·9		0	2	0	10	0	0	0	0	18

(R) Register not received. (X) Data not available. * Data rejected. (b) Mean for 29 days

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1960—Contd.

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 Geopotential of 850/700 mbs. pressure level in Gpm.	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									
QUETTA																							
Sibi	0000	441	986·9		1001·8	82·5	70·9	63·4	20·6		53		0·0		0	0	0	0	0	0	0	0	30
	0300		988·2	—0·3	1003·0	81·8	69·9	62·2	19·6	—0·9	51	+1	0·7	+0·2	0	0	0	2	2	1	0	0	25
	1200		984·2		998·4	106·2	73·1	48·4	12·8		17		0·1		0	0	0	6	6	2	0	0	16
KALAT (North)																							
Nokkundi	0000	2229	929·3		1003·2	77·6	57·5	37·0	8·1		25		0·0		12	0	0	0	0	0	0	14	4
	0300		931·5		1005·4	79·9	58·8	39·2	8·3	—2·1	25	—8	0·0	—0·2	10	3	2	0	1	0	0	9	5
	1200		928·6		999·6	98·9	66·2	38·6	8·7		14		0·0		8	2	0	1	2	0	4	9	4
KALAT (South)																							
Turbat	0000	510	985·7		1003·3	79·2	71·5	65·9	22·9		67		1·1		0	0	0	2	3	1	2	0	22
	0300		987·4		1004·7	82·4	72·6	65·7	22·9		62		1·6		0	0	1	3	2	4	5	0	15
	1200		983·0		999·6	105·3	76·7	58·3	18·4		25		0·0		0	3	0	1	1	5	14	2	4
Jiwani	0000	185	997·8		1004·1	78·0	75·3	73·7	28·7		88		2·7		0	0	1	5	6	7	4	0	7
	0300		999·3		1005·7	80·2	76·4	75·4	29·3		84		3·6		0	1	1	2	7	12	3	0	4
	1200		997·1		1003·4	85·6	77·7	73·7	28·9		66		1·7		0	0	0	2	7	18	3	0	0
Pasni	0000	28	1003·1		1004·1	76·8	75·4	74·5	29·4		93		1·9		0	0	1	1	1	0	8	4	15
	0300		1004·6	—0·9	1005·6	78·2	76·4	75·4	30·2	+2·9	92	+6	3·1	—0·2	0	0	0	2	0	3	6	4	15
	1200		1001·7		1002·6	85·7	80·9	78·4	33·9		80		0·6		0	0	0	0	2	26	2	0	0
Ormara	0000	15	1003·2		1003·8	78·5	76·5	75·5	30·3		91		3·6		0	0	0	0	0	1	20	0	9
	0300		1004·6		1005·1	81·2	77·7	76·3	30·8	+3·2	85	—1	4·5	—0·4	0	0	2	0	0	2	19	0	7
	1200		1001·8		1002·3	86·2	78·6	74·8	29·9		70		0·9		0	0	0	0	2	2	26	0	0
Lasbela	0000	292	*			*	*	*					2·8		0	0	0	0	0	0	0	0	30
	0300		993·1	—2·6	1003·0	84·8	78·8	75·6	30·9	+2·9	75	—6	1·9	—0·6	0	0	0	0	0	0	0	0	30
	1200		988·6		998·3	96·0	82·4	76·7	31·6		55		0·0		0	0	1	8	3	7	1	0	10
FEDERAL CAPITAL AREA																							
Karachi (Manora)	0000	13	1003·2		1003·7	79·7	75·4	73·5	28·1		81		5·0		0	0	0	0	0	2	28	0	0
	0300		1004·7	—1·1	1005·2	81·0	76·6	74·5	29·3	+0·5	81	—5	4·3	+0·1	0	0	0	0	0	2	28	0	0
	1200		1002·3		1002·7	85·7	79·9	77·2	32·2		76		2·8		0	0	0	0	0	3	27	0	0
Karachi (Mauripur)	0000	52	1002·1		1003·9	79·2	76·4	75·2	29·8		88		3·9		0	0	0	0	0	6	15	5	4
	0300		1003·3		1005·1	80·5	77·0	75·4	30·1		85		4·9		0	0	0	0	0	7	18	4	1
	1200		1001·1		1002·9	85·4	78·7	75·9	30·5		73		2·5		0	0	0	0	0	18	11	1	0
Karachi (City)	0300	20	1004·0		1004·7	81·7	77·7	75·8	30·6		83		4·4		0	0	0	0	2	6	15	7	0
	1200		1001·6		1002·3	84·6	80·7	78·8	34·0		83		2·4		0	0	0	0	0	18	11	1	0
Karachi (PAF) (S)	0000	38																					
	0300																						
	1200																						
Karachi (Airport)	0000	73	1001·4		1003·9	79·2	76·2	74·7	29·5		87		4·3		0	0	0	0	0	8	18	1	3
	0300		1002·8		1005·3	80·8	77·3	75·0	30·4		85		5·0		0	0	0	0	0	9	20	1	0
	1200		1000·3		1002·8	86·4	78·3	74·7	29·4		68		2·3		0	0	0	0	1	20	9	0	0
HYDERABAD																							
Badin	0000	31	1003·8		1004·9	*	*	*					1·6		1	0	0	10	1	18	0	0	0
	0300		1005·1	+0·7	1006·2	80·1	77·8	76·6	31·5	+4·3	90	+13	1·7	—1·2	0	0	0	6	0	24	0	0	0
	1200		1002·6		1003·7	94·5	83·9	79·5	34·9		64		1·5		0	0	0	0	6	24	0	0	0
Nagarparker (S)	0000	178																					
	0300																						
	1200																						

(*) Data rejected. (S) Observations suspended.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1960—Contd.

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 Geopotential of 850/700 mbs. pressure level in Cpm.	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									
HYDERABAD—Contd.																							
Umarkot (R)	0000	55																					
	0300																						
	1200																						
Chhor	0000	19	1002·2		1003·0	78·0	74·6	72·6	27·7		85		2·7		0	0	0	0	0	17	1	0	12
	0300		1003·9		1004·6	80·5	75·7	73·5	28·2		79		3·0		0	0	0	0	1	22	0	0	7
	1200		1000·8		1001·4	96·1	78·2	69·5	24·8		43		2·3		0	0	0	0	0	21	7	0	2
Hyderabad	0000	98	999·4		1002·8	78·4	73·8	71·4	26·5		80		1·6		0	0	0	0	4	18	0	0	8
	0300		1000·9	—0·8	1004·3	81·2	74·8	71·7	26·5	+1·3	70	+1	2·1	+0·8	0	0	0	0	4	20	0	0	6
	1200		998·1		1001·5	95·1	77·4	68·1	24·1		73		1·0		0	0	0	0	8	20	0	0	2
KHAIRPUR																							
Padidan	0000	153	996·1		1001·4	76·6	72·4	70·0	25·3		80		0·1		1	0	0	22	3	1	0	0	3
	0300		997·9		1003·2	81·9	74·7	71·1	26·1		70		0·2		1	0	3	21	4	0	0	0	1
	1200		994·8		999·9	102·1	76·3	61·4	19·2		27		0·5		4	1	0	16	3	2	1	3	0
Nawabshah	0000	124	997·8		1002·1	77·0	73·1	71·2	26·0		82		0·3		0	0	0	0	20	0	0	0	10
	0300		999·3		1003·6	80·6	75·1	72·3	27·3		86		0·4		0	0	0	0	25	0	0	0	5
	1200		996·8		1001·0	100·6	78·6	67·2	23·4		35		0·3		1	0	0	0	22	1	1	1	4
Sukkur	0300	221	995·5	—0·8	1003·0	81·9	75·5	72·3	27·2	0·0	73	0	0·4	0·0	0	1	0	3	12	10	0	0	4
	1200		992·4		999·6	99·7	81·8	74·0	28·9		44		0·5		13	1	1	0	2	2	1	5	5
Kashmore	0000	255	993·1		1001·9	80·0	73·1	70·4	24·7		72		0·1						*				
	0300		994·9		1003·6	84·6	75·4	71·7	25·9		65		0·7						*				
	1200		990·0		999·3	99·7	78·8	67·9	24·1		36		0·1						*				
Jacobabad	0000	183	995·3		1001·6	80·4	73·7	70·2	25·4		71		0·4		0	1	5	8	9	0	0	0	7
	0300		997·1	—1·0	1003·4	83·5	74·9	70·6	25·7	—2·7	65	—8	0·5	0·0	0	3	3	14	4	1	0	0	5
	1200		993·9		999·9	100·2	77·8	66·1	22·4		33		0·3		0	0	0	19	11	0	0	0	0
JUNAGADH																							
Veraval	0000	26	(x)		x	x	x	x					x							x			
			(c)		(c)	(c)	x	(k)					(c)							(c)			
	0300		1006·3		1007·3	79·3	74·9	72·5	27·5		80		4·2		6	0	0	0	0	4	10	5	3
			(i)		(j)	(i)		(j)					(i)							(i)			
	1200		1004·2		1005·2	82·1	78·3	76·3	31·3		84		4·5		2	0	0	0	0	4	11	3	2
AFGHANISTAN																							
Jalalabad (R)	0000	1950																					
	0300																						
	1200																						
ARABIA																							
Muscat (S)	0300	20																					
	1200																						
HILL STATIONS																							
KASHMIR																							
Srinagar (x)	0000	...																					
	0300																						
	1200																						

(b) Mean for 29 days. (R) Register not received. (x) Data not available. *Data rejected. (c) Mean for 28 days. (k) Mean for 20 days. (i) Mean for 22 days. (j) Mean for 21 days. (S) Observations suspended.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1960—Contd.

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 Geopotential of 850/700 mbs. pressure level in Gpm.	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—Contd.																							
Gulmarg (x)	0300	8709																					
	1200																						
Gurez x)	0300	...																					
	1200																						
Sonamarg (x)	0300	...																					
	1200																						
Dras (x)	0300	...																					
	1200																						
Kargil (x)	0300	...																					
	1200																						
Leh (x)	0000	...																					
	0300																						
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Mitgar	0000	10190	*		*	*	*	*	...		...		1·6		0	0	2	0	0	0	3	2	23
	0300		700·6	...	3111·6	50·7	40·7	28·6	5·5	...	44	...	1·6	...	1	3	0	0	0	0	4	0	22
	1200		698·3		3083·7	59·0	44·3	27·7	5·3		31		1·8		1	2	8	7	1	0	5	3	3
Aliabad (x)	0300	...																					
	1200																						
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
RAWALPINDI																							
Murree	0000	7113	782·7		1465·9	57·9	53·1	48·8	12·1		73		2·2		0	4	1	4	0	1	5	13	2
	0300		784·2	—0·3	1477·2	62·4	55·3	50·0	12·4	—0·6	65	—2	2·4	+0·2	1	1	2	7	0	0	9	4	6
	1200		783·2		1459·2	68·1	60·6	56·1	15·4		65		2·7		0	2	2	3	0	0	8	9	6
PESHAWAR																							
Drosh	0000	4806	850·5		1468·7	66·5	55·9	46·1	11·0		51		0·7		1	1	0	2	0	7	0	0	19
	0300		851·6	—1·5	1480·7	66·4	56·1	46·9	11·2	—1·6	51	—7	1·2	0·0	0	0	2	0	0	1	0	0	27
	1200		847·4		1437·2	83·9	61·1	40·7	9·1		23		3·5		0	5	0	0	1	22	0	0	2
Cherat	0000	4272	*		*	69·1	62·1	57·7	16·2		66		0·2		6	1	0	2	21	0	0	0	0
	0300		866·6	—0·7	1468·0	72·2	62·8	56·9	15·8	+0·2	59	—4	1·2	—0·3	5	1	0	0	24	0	0	0	0
	1200		865·3		1457·9	81·9	66·6	57·2	16·0		44		1·5		3	0	0	5	22	0	0	0	0
Kakul	0000	4214	867·6		1458·1	67·1	59·3	53·5	14·1		62		1·7		8	9	2	0	0	1	0	9	1
	0300		868·8	...	1471·4	71·9	62·9	56·8	15·9	...	60	...	1·8	...	6	2	2	1	3	2	2	7	5
	1200		867·2		1457·8	80·0	65·9	57·0	16·0		46		1·6		1	0	0	4	8	12	2	3	0
Balakot (R)	0000	3226																					
	0300																						
	1200																						
Landikotal	0000	3503	888·0		1441·2	68·3	60·6	54·5	15·0		63		0·1		0	2	0	0	0	2	0	0	26
	0300		889·4	...	1461·5	76·9	64·1	54·6	15·3	...	49	...	0·6	...	0	1	0	2	0	2	0	0	25
	1200		886·9		1442·2	85·0	68·1	57·1	16·4		40		2·1		0	0	0	25	0	1	0	0	4

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

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF SEPTEMBER, 1960—Concld.

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. Geopotential of 850/700 mbs. pressure level in Gpm	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									
D. I. KHAN																							
Parachinar	0000	5673	*		*	60·8	52·7 (c)	45·7 (c)	10·7		60		0·5		18	0	0	0	0	0	0	0	12
	0300		825·5	+0·3	1476·6	64·9	57·7 (i)	52·8 (i)	13·7	+1·2	65	+9	0·4	—1·0	8	1	0	1	1	0	0	1	18
	1200		824·7		1463·6	77·4	65·7 (i)	58·6 (i)	17·4		54		1·7		0	1	0	22	0	0	0	0	7
Miranshah	0000	3026	902·3		1433·4	71·4	*	*	*		*		0·5		0	0	0	0	0	0	0	0	30
	0300		904·6		1458·9	77·3	*	*	*		*		0·3	—0·3	0	0	0	0	0	0	0	0	30
	1200		902·7		1453·7	88·2	*	*	*		*		1·4		0	27	0	0	0	0	0	0	3
Wana	0300	4503	859·2		1465·7	73·5	61·6	52·8	13·9	+1·4	48	—6	0·0	—0·8	0	0	0	0	0	0	0	0	30
	1200		856·6		1441·8	83·8	64·8	51·2	13·2		34		0·8		0	9	3	12	0	0	0	0	6
QUETTA																							
Fortsandeman	0300	4614	857·2	+0·6	1477·6	72·5	59·2	46·1	11·8	—1·3	43	—8	0·1	—0·5	3	2	1	1	1	4	2	0	16
	1200		854·4		1450·9	91·8	61·0	26·8	5·9		11		1·5		1	3	2	2	2	8	9	2	1
Hindubagh	0000	5909	*			65·2	*	*	*		*		0·0		0	0	0	0	0	5	15	0	10
	0300		816·7		1455·6	66·6	*	*	*		*		0·0		0	0	0	0	0	3	10	2	15
	1200		814·5		1418·6	86·2	*	*	*		*		0·0		0	0	1	0	0	5	21	0	3
Loralai	0000	4699	852·0		1450·9	63·8	53·6	43·7	9·9		50		0·0		0	0	6	0	0	0	17	6	7
	0300		852·9		1460·1	66·9	54·5	43·4	9·5		42		0·1		1	0	0	0	0	1	9	16	3
	1200		850·2		1433·2	87·2	*	*	*		*		1·5		0	0	0	18	8	2	0	1	1
Harnai	0300												0·0						*				
	1200												0·0						*				
Quetta Samungli	0000	5213	838·2		1470·1	52·6	43·5	32·8	6·4		49		0·0		0	1	14	9	0	0	0	0	6
	0300		838·3		1479·8	60·5	48·0	34·4	6·9		39		0·0		0	0	4	8	0	0	2	1	15
	1200		837·0		1450·2	85·9	56·5	25·2	5·0		13		0·2		3	0	0	0	1	0	13	12	1
Quetta	0300	5490	829·6	—2·5	1463·8	64·5	55·4	49·3	11·7	+1·5	57	+5	0·0	—0·3	0	1	0	0	2	0	0	0	27
	1200		827·1		1430·8	84·3	73·1	67·2	23·8		59		0·3		1	0	0	0	1	0	6	9	13
Chaman	0000	4311	864·3		1455·0	68·7	54·1	39·3	8·5		36		0·0		0	0	10	2	0	0	0	0	18
	0300		865·1	—1·2	1464·3	69·0	53·2	36·6	7·5	—0·4	31	0	0·0	—0·2	0	0	14	1	2	0	0	0	13
	1200		861·6		1434·7	90·0	63·8	42·9	9·6		20		0·0		0	0	0	0	2	7	9	3	9
KALAT (North).																							
Kalat	0000	6616	798·2		1489·4	50·8	45·5	39·8	8·5		65		0·1		0	0	0	1	29	0	0	0	0
	0300		799·3	+0·3	1488·9	64·1	54·3	46·0	11·0	+2·3	53	+9	0·1	—0·2	0	0	0	1	29	0	0	0	0
	1200		797·6		1454·1	78·2	63·2	53·2	14·4		44		0·5		7	0	0	0	0	1	2	20	0
Nushki	0000	3416	899·0		1523·0	73·3	56·5	39·7	8·8		30		0·0		0	0	28	0	0	0	0	0	2
	0300		899·2		1530·0	79·4	60·5	44·9	10·3		31		0·2		0	6	15	2	0	0	0	1	6
	1200		895·9		1514·3	96·3	69·0	50·2	13·1		23		0·5		1	1	1	0	0	2	8	17	0
Dalbandin	0000	2785	911·6		1444·9	68·2	50·4	28·3	5·4		22		0·2		2	4	2	0	2	0	4	3	13
	0300		913·1	—0·2	1461·4	70·4	51·7	29·0	5·6	—2·5	21	—13	0·3	—0·1	0	5	0	0	0	5	0	0	20
	1200		910·2		1464·7	98·2	63·5	29·1	5·9		10		0·6		0	1	5	6	2	7	2	5	2
KALAT (South).																							
Panjgur	0000	3177	900·6		1461·7	70·0	54·0	36·4	7·8		31		0·4		4	18	0	1	0	0	0	2	5
	0300		901·7	+0·7	1474·7	72·6	55·7	37·7	8·4	—5·6	30	—23	0·4	—0·2	4	18	0	1	2	3	0	1	1
	1200		899·7		1474·0	93·1	62·1	31·5	6·5		12		0·7		10	0	0	0	0	2	1	17	0
AFGHANISTAN.																							
Kabul (x)	0300	5955																					
	1200																						
Kandahar	0300	3462	890·8		1443·7	60·5	53·5	47·4	11·2		63		0·0		0	0	1	2	1	0	0	0	26
	1200		888·3		1442·6	83·6	65·3	52·9	13·8		36		0·1		0	0	0	1	3	7	2	2	15

* Data rejected.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF SEPTEMBER, 1960.

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
CHITTAGONG																					
Rangamati	89·9		96	22	76·7		72	16	13·46		1·70	6	21		x		11	0	2	0	0
Cox's Bazar (P.T.)	86·7	+0·3	91	21,24	76·8	+0·9	74	15	7·49	—7·76	1·31	10	10	—4·4	3·5	+0·9	10	0	0	0	0
Chittagong (Patenga)	88·6		92	21,24,25	(b) 77·6		x		7·30		1·49	15	11	—	x	—	9	0	1	0	0
Chittagong (P.T.)	88·3	+1·2	93	21	(b) 77·4	+1·0	x		11·82	—0·82	2·00	14	16	+3·0	2·5	—2·2	*	0	0	0	0
Maijdi Court (R)																					
Comilla (R)																					
Brahmanbaria	87·4	—2·8	92	22,24,25	78·1	+1·6	74	16	16·05	+6·45	4·12	2	16	+2·9	3·3		17	0	0	0	0
Srimangal	89·4	—0·9	96	24	75·8	+0·5	72	16	13·73	+1·96	2·38	15	22	+6·1	x		20	0	0	0	0
Sylhet (P.B.O.)	87·2		95	24	76·6		71	16	25·49		4·41	16	16		x		14	0	2	0	0
DACCA.																					
Mymensingh	87·4	—0·4	94	24	78·0	+0·2	74	17,29	21·72	+7·63	4·53	2	16	+1·3	2·0	+0·6	4	0	0	0	0
Narayanganj	88·0	—0·7	94	22,24	79·5	+0·7	76	15,17,25	9·06	—0·70	2·03	25	13	+0·9	3·1	+0·2	*	0	0	0	0
Dacca (Tejgaon)	87·5		93	22	78·7		75	16	9·46		3·34	16	13		*		12	0	0	0	0
Faridpur (R)																					
Barisal	87·4	—0·7	93	22	78·6	+0·4	75	22	24·97	+14·89	9·36	26	16	+1·8	x		0	0	2	0	0
RAJSHAHI.																					
Khulna	(b) 88·0	—1·0	x		(b) 78·6	+0·1	x		(b) 10·07	x	x		x		(b) 2·0	—0·6	0	0	0	0	0
Satkhira	89·1	—0·5	94	22	79·0	+0·7	75	17	8·34	—0·44	3·36	15	14	+1·8	0·6	—1·9	0	0	0	0	0
Jessore (P.T.)	89·2	—0·1	95	24	77·9	+0·4	75	16,17,26	8·36	—0·12	1·78	29	14	+2·0	2·2	+0·3	0	0	2	0	0
Pabna (R)																					
Serajganj	87·8		94	8,15	78·7		75	13,21	9·35	—0·34	1·86	14	15	+3·2	(b) 2·5		2	0	2	0	0
Rajshahi									8·39	—1·39	2·00	14	17	+5·4							
Bogra (P.B.O.)	88·0	—1·1	94	23	78·7	+0·8	75	9,28,29	15·94	+4·65	3·40	15	17	+4·4	1·9	+0·5	16	0	0	0	0
Dinajpur	88·0	—0·7	96	4 days	75·9	—2·0	69	29	11·44	—1·61	1·76	8	16	+3·5	0·9	—0·9	8	0	0	0	0
Rangpur	87·1		94	22,24	78·1		75	5 days	18·92	+4·82	3·92	15	15	+2·1	·1		4	0	2	0	0

(R) Register not received. (b) Mean for 29 days. x Data not available. * Data rejected.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF SEPTEMBER, 1960—Contd.

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.																					
Jammu (x)																					
LAHORE.																					
Lahore (P.B.O.)	98·6	+1·3	103	10,23,24	76·2	+3·1	70	29	2·11	—0·69	1·75	11	3	+0·5	2·0	+0·7	4	0	0	0	0
Lahore (Cantt.)	97·8	—	102	24	75·9	—	69	27,29	1·55	—	1·31	11	3	—	2·9	—	3	0	0	0	1
Lahore (Walton)	99·1	—	103	4 days	76·0	—	70	29	0·38	—	0·23	11	2	—	3·2	—	3	0	0	0	2
Sialkot	97·3	+2·7	101	1	76·7	+2·9	71	25	0·83	—2·60	0·68	17	2	—1·8	(c) 1·7	+0·5	1	0	0	0	1
RAWALPINDI.																					
Jhelum	97·6	—	101	6 days	74·1	—	67	28	0·74	—	0·65	11	1	—	1·2	—	6	0	0	0	1
Chaklala	93·5	—	98	10	69·6	—	63	25	4·32	—	1·40	24	5	—	3·9	—	9	1	0	0	1
Rawalpindi	93·6	+0·2	98	1,10,16	70·9	+1·6	65	25	3·50	—0·39	1·30	2	4	—0·6	(e) 1·9	+0·6	7	0	0	0	0
Khushab	100·1	+1·5	105	10	(*)	—	—	—	1·55	+0·17	0·99	25	2	0·0	3·0	—1·7	0	0	0	0	0
Sargodha (P.A.F.)	(X)	—	—	—	(X)	—	—	—	1·03	—	0·62	5	2	—	2·6	—	3	0	0	0	2
MULTAN.																					
Lyallpur	98·6	+0·5	103	23,24	77·4	+2·2	69	4	1·42	—0·07	1·18	4	2	+0·3	2·5	+0·5	4	0	0	0	3
Montgomery	101·6	+2·3	106	10,23,24	76·7	+0·8	69	30	0·60	—0·67	0·35	11	2	+0·4	1·8	—1·6	2	0	0	0	0
Multan (P.B.O.)	101·5	—	107	24,25	77·7	—	65	5	0·70	—	0·70	5	1	—	4·6	—	2	0	0	0	2
Multan (Surface)	102·0	+3·3	109	24	79·7	+2·0	72	5	0·56	+0·02	0·56	5	1	+0·3	(x)	—	2	0	0	0	0
BAHAWALPUR																					
Leiah (R)																					
Khanpur (Surface) (R)																					
Khanpur (P.B.O.) (R)																					
Bahawalpur	103·5	+3·1	109	25	77·1	+1·4	67	28	0·00	—0·13	0·00	—	0	—0·2	3·0	—0·1	0	0	0	0	0
Fort Abbas	105·0	—	110	22,23	*	—	—	—	0·00	—	0·00	—	0	—	2·9	—	0	0	0	0	0
PESHAWAR.																					
Chakdara	92·9	—	98	1,2	(c) 64·7	—	61	25,26,28	1·30	—	1·10	2	2	—	(x)	—	6	0	0	0	0
Peshawar	95·5	+0·5	103	2	72·6	+0·8	65	26	0·07	—0·74	0·05	10	0	—1·5	2·1	+0·8	3	0	0	0	1
Risalpur	98·3	—	107	2	71·9	—	63	25	0·15	—	0·15	25	1	—	2·3	—	4	0	0	0	3
Haripur	92·9	—	98	23	67·3	—	61	25	2·79	—	1·20	3	5	—	(b) 4·2	—	0	0	0	0	0
Campbellpur (R)																					
D. I. KHAN.																					
Kohat	96·2	—	107	1	74·8	—	67	10	3·16	—	0·84	8	6	—	3·6	—	10	2	0	0	1
Bannu	97·6	—0·3	105	1	74·7	+1·0	70	10,11	1·41	+0·78	0·85	10	3	+2·0	(b) 1·4	—	4	0	0	0	0
D. I. Khan	100·3	+0·9	105	15,23	75·6	0·0	70	30	1·40	+0·77	1·31	3	1	+0·1	0·9	— 0·3	0	0	0	0	0
Mianwali	100·8	—	106	1	76·0	—	68	4	1·31	—	1·20	4	2	—	(x)	—	0	0	0	13	0

(*) Data rejected. (x) Data not available. (R) Registor not received. (c) Mean for 28 days. (e) Mean for 26 days. (b) Mean for 29 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF SEPTEMBER, 1960—Contd.

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
QUETTA.																					
Sibi	107·4	+3·4	113	25	80·3	+1·4	70	29	0·00	—0·13	0·00		0	—0·3	0·3	—3·0	0	0	0	0	0
KALAT (North).																					
Nokkundi	101·7	+1·2	113	3	74·2	+3·3	65	30	0·00	0·00	0·00		0	0·0	x		0	0	0	0	0
KALAT (South).																					
Turbat	106·7		114	25	x				0·00		0·00		0		x		0	0	0	0	0
Jiwani	88·6		93	9	76·8		72	29	0·00		0·00		0		7·0		0	0	0	0	0
Pasni	90·7	+1·5	102	28	74·8	+2·3	68	27,28	0·00	0·00	0·00		0	0·0	8·2	+2·2	0	0	0	0	0
Ormara	88·7	+2·3	96	28	77·9	+1·6	73	29	0·00	—0·01	0·00		0	0·0	10·8	+1·5	0	0	0	0	0
Lasbela	103·7	+4·3	107	29	77·9	+4·3	75	26,28	0·00	—0·50	0·00		0	—0·5	x		0	0	0	0	0
FEDERAL CAPITAL AREA.																					
Karachi (Manora)	88·6	+3·0	92	25	78·4	+0·7	76	23,27	0·00	—0·52	0·00		0	—0·5	x		0	0	0	0	0
Karachi (Mauripur)	88·3		95	22	78·4		73	29	0·00		Tr	5 days	0		x		0	0	0	0	0
Karachi (City)	87·9		95	22	73·9		72	14	0·00		0·00		0		7·0		0	0	0	0	0
Karachi (PAF) (S)																					
Karachi (Air Port)	90·3		98	22	78·2		73	29	0·00		Tr	1,2	0		9·4		0	0	0	0	0
HYDERABAD.																					
Badin	97·0	+2·9	107	27	77·0	—0·2	68	10	0·00	—0·89	0·00		0	—0·9	x		0	0	0	0	0
Nagarparker (S)																					
Umarkot (R)																					
Chhor	98·7		108	27	75·9		66	30	0·10		0·10	19	1		5·6		1	0	0	0	0
Hyderabad	99·3	+2·0	109	26	77·9	+1·5	72	30	0·00	—0·63	0·00		0	—0·8	7·1	—0·2	0	0	0	0	0
KHAIRPUR.																					
Padidan	104·4		110	25	75·5		70	27,28,30	0·00		0·00		0		5·9		0	0	0	0	0
Nawabshah	103·5		110	23	76·0		67	30	0·00		0·00		0		6·5		0	0	0	0	0
Sukkur	102·4	+2·0	106	22,25	78·0	—0·7	73	28	0·00	—0·02	0·00		0	—0·1	2·5	—1·0	0	0	0	0	0
Kashmore	101·1		106	12,13,27	77·0		70	27,28	0·00		0·00		0		x		0	0	0	0	0
Jacobabad	102·3	0·0	108	23,24	78·8	+1·8	73	28,29	0·00	—0·17	0·00		0	—0·3	5·6	+1·1	0	0	0	0	0
JUNAGADH.																					
Veraval	X				(1) 75·8				0·18						x				x		
AFGHANISTAN.																					
Jalalabad (R)																					
ARABIA.																					
Muscat (S)																					
HILL STATIONS KASHMIR.																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonemarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					
Misgar	67·6	...	82	1	42·3	...	33	28,29	0·25	...	0·15	3	1	...	4·0	...	0	0	0	0	0

(x) Data not available. (S) Observation suspended. (1) Mean for 19 days. (2) Rainfall for 28 days. (R) Register not received.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF SEPTEMBER, 1960—Concld.

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—Contd.																					
Aliabad (x)																					
Gilgit (x)																					
RAWALPINDI.																					
Murree	71·9	—0·4	77	1	55·1	+0·3	46	24	4·73	—0·69	1·45	24	8	+0·8	4·7	+1·4	8	0	1	0	0
PESHAWAR.																					
Drosh	91·5	+3·5	106	1	64·5	+0·1	58	4 days	3·03	+2·34	1·95	3	3	+1·1	3·7	+0·5	9	0	0	0	0
Chorat	86·7	+2.7	95	1	67·0	+0·9	62	28,29	0·28	—1·79	0·11	4	1	—1·9	(b) 8·4	+4·3	0	0	0	0	0
Kakul	84·7	...	89	10	65·6	...	58	24	1·84	...	0·70	24	5	...	(x)	...	8	0	0	0	0
Balakot (R)																					
Landikotal	90·2	...	101	1	65·7	...	57	25	0·18	...	0·16	10	1	...	(x)	...	5	0	0	0	0
D. I. KHAN.																					
Parachinar	83·3	+2·1	89	1,2	58·9	+0·3	54	25	4·20	+2·09	1·50	10,25	5	0·0	2·5	+0·4	0	0	0	0	0
Miranshah	91·9	+0·2	102	1	70·7	—0·4	64	10	2·20	+1·47	1·70	10	4	+2·3	2·9	—1·7	0	0	0	0	0
Wana	90·5	+0·9	96	1	*	...	...	...	0·80	+0·31	0·80	10	1	—0·4	2·5	...	0	0	0	0	0
QUETTA.																					
Fortsandeman	94·3	+1·6	103	1	68·2	+2·0	60	27,28	0·00	—0·32	0·00		0	—0·7	x		0	0	0	0	0
Hindubagh	87·1		96	1,2	62·7		50	30	0·00		0·00		0		5·2		0	0	0	0	0
Loralai	91·1		98	1	59·5		53	29	0·00	—0·19	0·00		0	—0·5	3·0		0	0	0	0	0
Harnai									0·00	—0·94	0·00		0	—1·4	x		0	0	0	0	0
Samungli	88·2		98	1	(b) 49·3		38	28	0·00		0·00		0		x		0	0	0	0	0
Quetta	87·1		96	1	51·2		40	28	0·00		0·00		0		3·0	+1·4	0	0	0	0	0
Chaman	91·9	+1·1	100	1,2	64·1	+0·4	54	25	0·00	—0·03	0·00		0	—0·1	x		0	0	0	0	0
KALAT (North).																					
Kalat	83·0	—1·0	91	1	49·6	+1·1	39	28	0·00	—0·09	0·00		0	—0·2	x		0	0	0	0	0
Nushk	98·2		108	1	71·6		64	29	0·00		0·00		0		x		0	0	0	0	0
Dalbandin	100·7	+1·4	112	1	64·1	+2·5	53	28	0·00	0·00	Tr.	4	0	0·0	3·3	+0·1	0	0	0	0	0
KALAT (South).																					
Panjgur	95·4	—0·3	106	1	66·7	+1·7	56	26,27	0·00	—0·04	0·00		0	—0·2	x		0	0	0	0	0
AFGHANISTAN.																					
Kabul (x)																					
Kandahar	90·3	...	101	1,2	56·3	...	48	29	0·00	...	0·00	...	0	...	0·7	...	0	0	0	0	0

(b) Mean for 29 days.

(x) Data not available.

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PAKISTAN WEATHER REVIEW, 1960

MONTHLY WEATHER REPORT

OCTOBER

Published by the Authority of the Government of Pakistan

Chief Features

1. Two severe Cyclonic storms affected East Pakistan during the month. The first hit Chittagong coast during 10th –11th night and the second on 31st night. Both were accompanied by storm waves and caused colossal damage to property and heavy loss of life exceeding 12,000 persons. There is no record for any two storms of such severe intensity having followed the same cause in such a short period.

2. Scanty rainfall in West Pakistan.

West Pakistan

In association with the passage of six western disturbances across the north of the region during the month, local thunder-rain activity occurred in Lahore and Rawalpindi divisions and scattered in D.I. Khan and Peshawar divisions between the 2nd and the 5th and scattered only in Peshawar division on the 13th and the 16th and again between the 29th and the 30th. The weather was, otherwise, dry over West Pakistan.

Chief amounts of rainfall recorded during the month were:—Jhelum, Rawalpindi and Kakul 1/2" each on the 5th.

The total rainfall of the month was below the normal, all over the region.

The mean maximum temperature was normal every where except in the Peshawar and the Hyderabad Divisions and the Federal Capital Area where it was above noraml. The mean minimum temperature was above normal in the Lahore and the Hyderabad Divisions but was normal elsewhere.

The mean relative humidity was normal over the whole region except in the Multan division where it was in defect and in the Hyderabad division where it was in excess.

Cloud amount remained below normal over the entire region except in the Federal Capital Area where it was normal.

East Pakistan

Under the influence of the seasonal trough of low pressure which lay well-marked in north and adjoining central Bay of Bengal, local to fairly widespread rain fell over the region during the first three days of the month. Thereafter, the trough shifted southwards and mainly scattered rain fell over the region during the next two days.

A well-marked low moved to the north of the Andaman Sea on the 6th and intensified into a depression by the following morning being centred at 0300 G.M.T. within one degree of latitude 18°N and longitude 91°E. It moved northwestwards till the 9th evening and thereafter started recurving. During its recurvature it intensified into a cyclonic storm by the morning of 10th and into a severe cyclonic storm by the same evening. It crossed coast between Chittagong and Maijidee Court during the 10th.11th night and subsequently weakened rapidly into a depression and moved away across Assam. Under its influence scattered to local thunder-rain activity occurred over the region from 7th to 9th and 12th to 14th and fairly widespread rain with locally moderate to heavy falls in Dacca and Chittagong divisions and local elsewhere between the 10th and the 11th. Fierce winds and storm wave, which accompanied the storm, caused extensive damage to property and much loss of life in Chittagong division as reported by newspapers. The death toll was estimated to exceed 6000.

Another depression formed in the west Central Bay of Bengal on the 30th morning, moved northwestwards, intensified rapidly as a severe cyclonic storm and lay about 200 miles to the southwest of Chittagong on the 31st morning. It crossed coast near Chittagong the same night. It was also accompanied by hurricane winds of over 100 kts. and a storm wave of the height of 20 ft. which submerged Patenga Airport and caused severe damage to the port installations at Chittagong. Besides taking a toll of 12000 lives it caused enormous damage to property in Chittagong, Kutubdia and other neighbouring islands. It caused complete break down of communication in Chittagong for several days.

The total rainfall of the month for the whole region remained normal except for the Rajshahi division where it was in moderate defect. But on averaging over the region it came out to be normal.

The mean values of maximum and minimum temperatures relative humidity and cloud amounts were normal.

Table I contains the divisional means of rainfall, temperature, humidity and cloud amount for the 15 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 MEANS FOR OCTOBER, 1960

Division	PRECIPITATION				DEPARTURE FROM NORMAL OF					CLOUD	
							0300 hrs. G. M. T.				
	Actual	Normal	Departure from normal	Percentage departure from normal	Maximum temperature	Minimum temperature	Vapour pressure	Relative humidity	Cloud	Percentage departure from normal.	Normal.
1	2	3	4	5	6	7	8	9	10	11	12
	"	"	"		°	°	mb.	%			
East Pakistan:											
Chittagong	7.49	6.91	+ 0.58	+ 8	+ 0.1	+ 0.8	+ 0.1	— 1	—0.1	—5	2.1
Dacca	5.18	5.65	— 0.47	— 8	+ 1.5	+ 0.9	— 0.7	— 3	0.0	0	3.1
Rajshahi	3.09	4.69	— 1.60	—34	+ 1.0	+ 0.7	— 0.1	— 2	—0.3	—10	2.9
MEAN ...	5.07	5.66	— 0.59	—10	+ 0.9	+ 0.8	— 0.2	— 2	— 0.1	—4	2.7
West Pakistan :											
Kashmir ‡	...	...	...	...	...	...	...	...	...	...	...
Lahore	0.13	0.29	— 0.16	— 55	+ 0.5	+ 2.7	+ 0.7	+ 1	— 0.3	—50	0.6
Rawalpindi	0.16	0.77	— 0.61	— 79	+ 0.5	+ 1.2	— 0.5	+ 5	— 0.5	—55	0.9
Multan	0.00	0.09	— 0.09	— 100	+ 1.0	+ 1.0	— 1.9	— 7	— 0.5	—100	0.5
Bahawalpur	0.00	0.06	— 0.06	— 100	+ 1.8	+ 0.9	°	°	— 0.1	—25	0.4
Peshawar	0.26	0.69	— 0.43	— 62	+ 3.3	+ 0.5	+ 0.7	+ 1	— 0.4	—36	1.1
D. I. Khan	0.08	0.25	— 0.17	— 68	+ 1.6	+ 0.9	+ 0.3	— 3	— 0.4	—67	0.6
Quetta	0.00	0.12	— 0.12	— 100	+ 1.5	+ 0.3	— 0.8	— 5	— 0.5	—24	2.1
Kalat	0.00	0.02	— 0.02	— 100	+ 0.8	+0.5	+ 1.4	— 3	— 0.5	—50	1.0
Federal Capital Area Karachi	0.00	0.02	— 0.02	— 100	+ 2.9	+ 1.0	+ 2.1	+ 2	— 0.1	—7	1.4
Hyderabad	0.00	0.03	— 0.03	— 100	+ 4.7	+ 2.3	— 0.1	+ 7	— 0.3	—44	0.7
Khairpur	0.00	0.02	— 0.02	— 100	+ 1.5	— 0.3	— 1.9	— 1	— 0.3	—100	0.3
MEAN ...	0.04	0.15	—0.11	— 73	+ 1.8	+ 0.9	+ 0.2	— 1	— 0.4	—44	0.9
Junagadh ‡	...	...	...	...	...	...	...	...	...	...	...

‡ Data incomplete.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER, 1960.

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. on geopotential of 850/700 mbs. pressure level in Cpm.	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																							
Chittagong Division																							
Rangamati	0000	208	1003.3		1010.5	74.4	73.7	73.2	28.1		96		7.1		10	0	0	0	1	0	0	0	20
	0300		1004.7		1011.9	79.5	75.9	74.3	28.9		84		4.6		15	1	2	1	7	2	0	1	2
	1200		1000.8		1008.0	82.5	76.9	74.5	29.0		77		3.3		5	0	2	2	6	3	1	3	9
Cox's Bazar (P.T.)	0000	38																					
	0300		1009.5	—0.8	1010.8	82.0	77.4	75.3	30.0	—0.3	81	+1	3.3	—0.1	7	5	4	4	3	3	2	3	0
	1200		1006.3		1007.5	81.6	76.5	74.1	28.9		79		3.7		1	1	2	3	4	4	7	8	1
Chittagong (Patenga)	0000	20	1008.8		1009.5	75.7	74.6	74.0	28.8		94		4.1		6	5	3	1	0	0	1	0	15
	0300		1010.4		1011.1	81.4	76.8	74.6	29.4		80		4.0		5	11	2	4	1	1	1	1	5
	1200		1006.2		1006.9	82.2	77.2	74.8	29.6		79		3.7		0	1	1	4	2	1	6	2	14
Chittagong (P.T.)	0000	46																					
	0300		1009.4	—0.8	1011.0	82.8	77.3	74.9	29.5	—0.1	77	—6	3.3	—0.3	8	9	3	7	1	1	0	1	1
	1200		1005.7		1007.3	82.0	76.7	74.4	29.0		78		3.0		5	1	1	1	3 (b)	4	10	4	0
Maijdee Court (R)	0000	25																					
	0300																						
	1200																						
Comilla (R)	0000	29																					
	0300																						
	1200																						
Brahmanbaria	0000	32	1009.0		1010.1	77.0	75.2	74.5	29.0		92		3.1		2	2	1	3	2	0	1	0	20
	0300		1010.4		1011.5	82.1	77.2	74.8	29.7	+0.5	79	+3	3.5		6	7	3	4	4	0	2	0	5
	1200		1006.7		1007.8	82.2	76.9	74.5	29.2		78		2.5		1	2	0	1	0	0	0	0	27
Srimangal	0000	69	1007.6		1010.0	71.5	70.5	70.0	25.1		95		3.4		0	1	0	0	0	0	0	0	30
	0300		1009.0	—0.9	1011.4	80.4	75.9	73.7	28.5	+0.1	80	—4	3.3	+0.1	0	2	0	0	0	0	0	0	29
	1200		1005.0		1007.4	81.3	77.4	75.7	30.3		83		2.7		0	1	0	0	0	0	0	0	30
Sylhet (P.Bo.)	0000	115	1005.4		1009.5	73.4	72.2	71.5	26.5		94		4.1		1	6	14	1	0	0	0	0	9
	0300		1007.1		1011.2	81.1	76.2	73.8	28.6		79		3.5		1	2	23	2	0	0	0	0	3
	1200		1003.5		1007.5	80.3	76.1	74.1	28.8		81		2.5		0	2	1	1	0	1	9	0	17
Dacca Division																							
Mymensingh	0000	62	1007.8		1009.9	75.8	74.0	73.2	27.9		92		2.1		0	0	0	4	0	0	3	0	24
	0300		1009.7	—0.3	1011.8	81.7	76.5	74.1	28.8	0	78	—3	2.4	—1.1	0	1	0	11	0	1	5	0	13
	1200		1005.9		1008.0	84.2	77.5	74.5	29.2		73		2.5		0	0	2	3	0	0	6	0	20
Narayanganj	0000	26	1009.0		1009.9	77.1	75.3	74.5	29.1		92		3.1		0	0	1	1	0	0	0	1	28
	0300		1010.4	—0.5	1011.3	83.8	76.7	73.3	28.2	—0.9	71	—6	3.6	+0.2	1	1	6	1	2	0	1	5	14
	1200		1006.6		1007.5	83.1	76.4	73.3	28.0		73		2.6		0	2	1	3	0	0	0	0	25

(b) Observation for 29 days. (R) Register not received.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER 1960

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.	%	%	oktas										
Dacca Division—*contd.*																							
Dacca (Tejgaon)	0000	‡32	1008.0		1009.0	75.0	73.7	73.2	27.8		94		3.6		2	2	1	2	1	1	0	4	18
	0300		1009.9		1010.8	82.3	76.7	74.0	28.8		77		3.5		7	4	3	2	1	0	2	0	12
	1200		1006.2		1007.1	81.3	75.8	73.2	28.0		77		3.6		3	2	0	1	2	2	1	6	14
Faridpur	0000	46	1008.2		1009.8	76.3	74.9	74.0	28.9		93		3.4		2	4	0	1	2	0	0	1	21
	0300		1009.9	+0.1	1011.5	82.4	76.7	73.8	28.8	—0.4	76	0	3.7	+1.3	6	3	4	3	3	0	0	2	10
	1200		1005.8		1007.4	83.0	77.2	74.5	29.3		76		3.1		4	2	0	1	1	1	0	3	19
Barisal	0000	11	1009.1		1009.5	76.2	74.9	74.5	29.0		94		2.1		1	0	1	0	0	0	0	0	29
	0300		1010.6	—0.4	1011.0	84.0	77.6	74.5	29.4	—0.8	74	—5	2.6	—0.4	4	3	3	0	0	0	1	0	20
	1200		1006.8		1007.2	85.0	77.5	73.8	28.8		71		2.6		3	0	4	0	0	0	3	0	21
Rajshahi Division																							
Khulna	0000	16	1009.2		1009.8	75.9	74.6	74.2	28.7		94		2.4		0	0	0	0	0	0	0	1	30
	0300		1010.8	—0.4	1011.4	83.3	76.9	74.1	28.7	+0.2	74	0	3.0	—0.4	1	1	0	2	0	0	0	1	26
	1200		1007.2		1007.8	82.7	76.8	74.2	28.7		76		2.0		2	0	0	0	0	0	0	0	29
Satkhira	0000	16	1009.1		1009.7	75.3	74.3	73.9	28.5		95		4.3		1	0	0	0	0	0	0	0	30
	0300		1010.9	—0.2	1011.5	82.9	77.1	74.5	29.1	—0.2	76	—2	3.2	+0.3	4	0	0	0	0	0	0	0	27
	1200		1007.3		1007.9	82.5	77.1	74.6	29.3		78		3.5		0	1	0	0	0	0	0	0	30
Jessore (P.T.)...	0000	26	1008.2		1009.1	74.7	73.5	73.0	27.6		95		3.6		1	2	1	0	0	0	0	0	27
	0300		1010.4	—0.4	1011.3	80.7	76.4	74.8	29.2	+0.2	82	+4	2.9	+0.1	4	7	3	2	0	2	2	3	8
	1200		1006.9		1007.8	83.2	77.3	74.6	29.3		76		3.3		1	0	1	0	1	0	0	0	28
Pabna (R)	0000	48																					
	0300																						
	1200																						
Sirajganj	0000	51	1007.4		1009.2	75.5	74.5	73.8	28.7		95		2.0		0	0	0	1	0	0	0	0	30
	0300		1009.2		1010.9	83.5	77.6	74.9	29.6		76		1.9		0	1	1	0	0	0	0	0	29
	1200		1005.5		1007.2	82.3	77.1	74.9	29.4		78		2.2		0	1	0	0	1	1	0	0	28
Rajshahi	0300																						
Bogra	0000	65	1007.2		1009.4	74.7	73.6	73.1	27.8		95		2.5		5	3	1	1	0	0	0	0	21
	0300		1009.0	—0.4	1011.2	82.2	76.9	74.4	29.2	+0.6	78	—2	2.9	+0.3	7	6	10	0	1	0	0	1	6
	1200		1005.3		1007.5	83.6	77.8	75.2	29.6		76		2.8		2	2	3	1	0	0	2	4	17
Dinajpur	0000	123	1005.4		1009.7	73.5	71.8	70.8	25.9		91		1.3		0	0	1	0	0	0	0	0	30
	0300		1007.0	—0.5	1011.3	82.9	75.9	72.6	27.4	—0.1	71	—10	0.9	—1.7	0	0	1	0	0	0	0	0	30
	1200		1003.2		1007.5	84.7	77.9	74.4	29.6		72		1.1		0	0	0	0	0	0	0	0	31
Rangpur	0000	113	1006.3		1010.3	74.0	72.7	72.1	26.9		93		1.8		9	4	1	0	1	0	0	0	16
	0300		1007.9		1011.9	80.2	75.9	73.8	28.6		81		2.0		5	14	4	0	0	0	0	0	8
	1200		1003.7		1007.6	83.6	77.3	74.5	29.2		75		2.1		1	1	0	2	0	0	0	0	27

(R) Register not received (*) Data Rejected ‡ Ht. changed from 27' to 32' w.e. from 23-10-60.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER, 1960.

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.	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										
KASHMIR																							
Jammu (x)	0300	1200																					
	1200																						
LAHORE																							
Lahore (P.B.O.)	0000	702	985.8		1010.7	63.9	60.5	57.9	16.4		81		0.0		0	0	2	4	0	2	0	1	22
	0300		987.1	+0.3	1011.7	72.0	64.1	58.9	16.9	+1.0	63	+8	0.2	—0.4	0	1	2	6	0	3	1	2	16
	1200		984.6		1008.3	87.9	70.8	60.0	18.0		40		0.1		0	0	1	1	0	2	0	8	19
Lahore (Cantt)	0000	709	985.2		1010.2	64.2	61.2	59.1	17.1		83		0.0		2	1	1	1	0	2	0	5	19
	0300		986.6	—	1011.3	71.9	65.7	61.7	18.8	—	70	—	0.2	—	0	3	5	2	1	3	2	2	13
	1200		983.8		1007.7	88.5	73.7	65.5	21.7		48		0.1		5	1	3	1	0	0	1	10	10
Lahore (Walton)	0000	699	985.3		1010.1	63.8	59.5	56.1	15.4		76		0.1		0	2	2	2	0	1	0	4	20
	0300		987.1	—	1011.5	71.4	63.3	57.4	16.3	—	62	—	0.2	—	1	1	3	8	2	2	0	3	11
	1200		984.2		1007.7	88.9	69.9	56.9	16.4		35		0.1		1	0	1	3	1	0	0	20	5
Sialkot	0000	830	(c) 980.5		(c) 1009.7	(c) 66.6	(c) 61.3	(c) 57.2	16.1		72		0.0		0	3	0	0	0	0	0	0	28
	0300		982.6	—0.3	1011.4	74.1	64.3	56.6	16.2	+0.4	55	—7	0.5	—0.1	0	5	0	2	0	0	0	0	24
	1200		979.6		1007.7	85.0	70.0	60.6	18.3		44		0.2		0	1	0	1	0	1	0	2	26
RAWALPINDI																							
Jhelum	0000	765	983.3		1010.5	62.2	58.4	55.3	15.0		79		0.2		0	0	0	1	0	0	0	2	28
	0300		985.0	—	1011.9	67.7	60.8	55.3	15.0	—	65	—	0.3	—	0	0	1	3	0	0	2	2	23
	1200		981.8		1007.6	88.1	69.3	56.6	16.0		35		0.3		0	1	0	4	1	4	1	2	18
Chaklala	0000	1667	953.7		1012.2	59.6	54.0	49.1	12.0		69		0.4		7	5	1	0	0	0	2	0	16
	0300		955.1	—	1012.9	65.8	57.3	50.6	12.6	—	59	—	0.3	—	2	6	1	0	0	0	0	2	20
	1200		952.5		1008.0	85.1	63.1	45.4	10.8		26		0.5		0	0	2	1	2	2	11	6	7
Rawalpindi	0000	1675	953.3		1012.0	60.1	54.9	50.5	12.6		71		0.1		15	1	0	1	1	1	1	0	11
	0300		954.6	—0.1	1012.7	66.3	57.9	51.3	13.0	+0.2	59	+7	0.5	—0.4	11	2	3	2	0	0	0	2	11
	1200		952.2		1008.3	82.9	64.8	52.0	13.6		36		0.8		0	1	2	1	1	2	12	6	6
Khushab	0000	616	(c) 988.7		(c) 1010.5	66.0	60.2	55.5	15.2		70		0.1		0	2	8	1	0	0	0	0	20
	0300		990.0	—0.2	1011.6	70.8	62.0	55.2	15.0	+1.6	59	+7	0.0	—0.6	0	2	11	0	0	0	0	0	18
	1200		987.2		1008.0	91.0	68.6	52.4	13.7		27		0.2		0	1	4	0	3	0	0	0	23
Sargodha (P.A.F.)	0000	617	988.5		1010.4	63.1	59.8	57.3	16.1		81		0.1		0	8	3	0	0	3	1	0	16
	0300		990.1	—	1011.7	69.6	63.1	58.3	16.8	—	68	—	0.2	—	1	4	11	0	0	4	2	0	9
	1200		987.5		1008.3	88.1	69.6	56.5	16.4		36		0.1		0	3	6	0	3	7	2	1	9
MULTAN																							
Lyallpur	0000	605	988.7		1010.1	64.6	59.7	55.8	15.3		74		0.0		0	1	1	6	2	0	0	0	21
	0300		989.6	—0.6	*	*	*	*	*	—	—	—	0.0	—0.7	2	3	1	2	2	0	0	1	20
	1200		987.3		1007.7	89.8	70.4	57.8	16.6		35		0.2		0	1	2	4	3	0	1	2	18
Montgomery	0000	558	990.5		1010.1	64.3	59.2	54.9	14.9		73		0.0		0	0	0	4	0	1	0	0	26
	0300		991.4	—0.1	1011.1	72.1	62.3	57.7	14.8	—1.5	55	—5	0.0	—0.4	0	0	0	17	2	3	0	3	6
	1200		989.5		1008.3	90.3	71.2	58.0	17.5		36		0.0		0	0	0	3	0	2	0	0	26
Multan (P.B.O.)	0000	404	995.3		1009.7	66.1	59.0	53.0	13.9		63		0.0		0	0	1	4	4	0	0	0	22
	0300		996.9	—	1011.2	71.7	61.2	52.4	13.7	—	52	—	0.0	—	2	0	0	6	4	1	0	1	17
	1200		994.2		1007.9	91.0	67.6	49.5	12.5		25		0.2		0	1	1	3	6	0	0	0	20
Multan (Surface)	0300	413	996.5	0.0	1010.9	74.1	63.2	54.7	14.9	—2.3	51	—8	0.0	—0.4	1	0	1	0	4	1	0	0	24
	1200		993.5		1007.5	92.9	69.7	53.7	14.3		28		0.1		0	0	0	0	6	0	0	0	25

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

TABLE II-—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER, 1960.

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.										
BAHAWALPUR																							
Leiah(R)	0000	487																					
	0300																						
	1200																						
Khanpur (Surface)	0300	297	(closed)																				
	1200																						
Khanpur (P.B.O.)	0000	290	999.2		1009.7	63.0	59.0	55.8	15.3		78		0.0		0	1	2	1	3	1	1	0	22
	0300		1000.8	—	1011.0	73.5	64.6	58.2	16.7	—	59	—	0.0	—	2	1	2	1	1	1	0	0	23
	1200		997.8		1007.7	92.1	71.9	59.4	17.6		34		0.0		4	2	0	0	0	4	4	2	15
Bahawalpur	0300	384	997.5	—0.4	1010.9	72.9	*	*	—	—	—		0.0	04	2	0	4	4	4	1	0	0	16
	1200		994.3 (c)		1007.2 (c)	93.4	*	*	—		—		0.0		1	2	0	1	0	0	0	0	27
Fort Abbas	0000	475	993.9		1010.5	69.0	59.9	51.0	13.4		54		0.0		5	5	2	0	1	0	0	0	18
	0300		994.9	—	1011.5	74.2	62.2	51.9	13.8	—	47	—	0.0	—	2	2	3	6	2	1	0	0	15
	1200		992.1		1008.0	93.9	69.6	51.7	13.8		25		0.1		9	4	2	0	0	1	2	2	11
PESHAWAR																							
Chakdara	0000	2197	935.7		1012.2	59.0	51.8	45.3	10.2		60		0.1		5	0	0	10	1	0	2	11	2
	0300		937.0	—	1012.9	62.3	54.1	46.9	10.9	—	57	—	0.1	—	3	0	0	10	1	0	0	10	7
	1200		933.8		1006.9	80.3	63.0	50.5	12.6		35		0.1		2	0	0	5	1	0	1	1	21
Peshawar	0000	1177	970.1		1011.4	63.4	55.8	48.3	11.8		59		0.1		0	0	0	4	6	0	1	0	20
	0300		971.7	—0.3	1012.8	66.8	58.3	51.0	12.8	+0.9	57	+5	0.2	—0.8	0	0	0	2	2	2	0	2	23
	1200		968.4		1008.0	84.6	66.9	54.4	14.6		37		0.7		3	12	1	0	0	1	0	1	13
Risalpur	0000	1009	975.3		1011.1	60.2	56.3	52.9	13.7		77		0.6		0	7	2	1	0	0	0	1	20
	0300		976.8	—	1012.1	66.5	59.1	53.1	13.8	—	62	—	0.6	—	0	0	0	3	0	3	5	1	19
	1200		973.3		1007.3	87.0	66.1	50.1	12.5		28		0.9		0	10	3	2	0	0	0	4	12
Haripur	0300	1757	951.0		1011.5	67.6	57.9	51.1	12.5	—	54	—	0.1	—	0	14	1	2	0	14	0	0	0
	1200		948.9 (b)		1007.0 (b)	87.6	73.7	*	*		—		0.3		0	1	0	9	0	13	0	8	0
Campbellpur(R)	0300	1175																					
	1200																						
D. I. KHAN																							
Kohat	0000	1667	954.4		1011.7	69.6	55.3	41.0	9.2		38		0.1		2	0	0	0	0	0	0	27	2
	0300		955.8	—	1012.9	71.8	57.3	43.8	10.2	—	38	—	0.3	—	1	0	0	0	0	0	8	19	9
	1200		952.9		1008.3	86.9	62.1	40.9	9.0		20		0.4		0	6	4	3	3	0	0	0	15
Bannu	0000	1263	966.1		1010.2	65.0	57.6	51.2	12.8		61		0.0		0	0	0	0	0	0	1	0	30
	0300		967.3	—	1011.5	68.2	60.0	52.8	14.0	+1.7	59	+8	0.2	—0.4	0	0	0	1	0	0	4	6	28
	1200		965.2		1007.5	87.3	69.1	56.3	15.9		36		0.5		0	2	7	8	2	1	1	0	10
D. I. Khan	0000	570	989.4		1009.4	65.4	59.4	55.0	14.6		68		0.0		0	1	1	0		0	0	0	29
	0300		991.3	—0.1	1011.4	70.8	62.9	56.8	16.1	+0.8	62	+1	0.2	—0.5	0	4	0	0	0	0	0	0	27
	1200		988.1		1007.4	90.5	73.1	64.6	19.9		41		0.2		0	0	0	0	0	0	0	0	23
Mianwali	0000	679	985.9		1009.9	64.9	58.4	52.8	13.8		65		0.0		0	1	0	2	0	0	0	1	27
	0300		987.8	—	1011.6	70.8	61.1	53.2	14.0	—	55	—	0.1	—	1	0	0	4	0	0	0	0	26
	1200		984.8		1007.6	90.3	70.7	58.3	16.8		35		0.3		0	1	0	3	0	3	1	1	22

(c) Mean for 28 Days (*) Data rejected. (R) Register not received. (b) Mean for 29 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER, 1960.

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										
QUETTA																							
Sibi	0000	441	994.5		1010.2	69.2	56.2	42.7	9.6		41		0.1		*	*	*	*	*	*	*	*	*
	0300		996.0	+0.8	1011.7	68.3	56.3	44.3	10.1	+0.5	42	+8	0.0	—0.4	*	*	*	*	*	*	*	*	*
	1200		992.3		1007.0	98.1	68.0	41.6	9.8		17		0.1		*	*	*	*	*	*	*	*	*
KALAT (NORTH)																							
Nokkundi	0000	2229	935.4		1011.9	64.9	49.3	29.2	5.1		28		0.0		6	5	0	0	0	0	0	17	3
	0300		937.5	—	1014.1	65.7	50.6	33.0	5.9	—2.1	31	—13	0.0	—0.6	9	6	2	0	0	0	0	11	3
	1200		934.9		1007.8	89.7	62.4	36.7	6.9		18		0.0		8	1	0	1	3	1	1	11	5
KALAT (SOUTH)																							
Turbat	0000	510	991.6		1009.5	72.4	61.1	50.5	13.3		49		0.0		0	2	8	2	0	0	1	0	18
	0300		993.8		1011.4	76.7	61.6	46.3	11.9		39		0.0		0	1	6	2	0	0	2	0	20
	1200		990.0		1006.8	100.9	68.2	39.5	8.8		13		0.0		1	4	5	0	0	1	13	6	1
Jiwani	0000	185	1004.0		1010.5	74.6	73.1	72.1	27.1		93		0.2		5	2	2	1	0	3	6	1	11
	0300		1005.4		1011.8	77.2	74.4	72.9	27.8		88		0.2		1	2	0	1	1	6	12	1	7
	1200		1003.4		1009.7	87.1	74.6	66.7	23.6		55		0.0		0	1	0	0	5	20	5	0	0
Pasni	0000	28	1008.9		1009.9	71.6	69.4	67.9	23.5		89		0.0		1	0	1	0	0	1	9	7	12
	0300		1010.6	—0.6	1011.6	72.9	69.6	67.1	23.3	+1.6	85	+7	0.1	—1.6	2	1	3	0	0	1	9	8	7
	1200		1007.9		1008.9	85.6	78.6	74.5	30.3		71		0.0		0	0	0	1	4	25	1	0	0
Ormara	0000	15	1008.9		1009.4	73.7	71.9	70.1	25.9		89		1.7		0	0	1	2	0	0	12	1	15
	0300		1010.7		1011.2	75.8	72.4	72.1	25.6	+3.0	83	+4	2.6	+0.6	0	0	0	2	0	0	11	0	18
	1200		1007.8		1008.3	87.3	75.5	69.1	24.8		59		0.1		0	0	0	1	0	2	27	1	0
Lasbella	0000	292	*		*	*	*	—	—		—		2.6		0	0	0	0	0	0	0	0	31
	0300		1001.3	—0.4	1011.3	77.5	67.6	60.4	18.6	—0.1	57	—5	1.1	—0.3	0	0	0	0	0	0	0	0	31
	1200		999.1		1009.0	93.2	72.4	59.5	17.9		33		0.4		0	0	0	1	1	2	0	0	27
FEDERAL CAPITAL AREA																							
Karachi (Manora)	0000	13	1009.0		1009.5	76.2	72.3	70.3	25.3		82		0.7		0	6	0	0	0	0	8	0	17
	0300		1010.4	—0.9	1010.9	77.5	73.6	71.9	26.5	+2.1	82	+2	0.5	—0.9	0	6	0	0	0	0	20	0	5
	1200		1007.5		1007.9	85.8	79.8	76.9	32.1		76		0.2		0	0	0	0	0	0	28	3	0
,, (Mauripur)	0000	52	1007.7		1009.5	72.9	70.2	68.4	24.0		87		0.7		1	2	0	1	0	1	4	5	17
	0300		1009.1		1010.9	74.6	70.8	68.3	24.0		83		1.2		1	2	0	0	0	0	6	6	16
	1200		1006.5		1008.2	87.2	74.8	67.6	23.8		55		0.1		0	0	0	0	0	16	11	4	0
,, (City)	0300	20	1009.8		1010.5	77.3	72.2	69.1	24.7		78		0.9		2	2	0	0	0	1	11	6	9
	1200		1007.1		1007.8	85.9	79.8	77.2	32.0		76		0.2		0	0	0	0	1	20	6	4	0
,, (P.A.F.) (S)	0000	38																					
	0300																						
	1200																						
,, (Airport)	0000	73	1006.9		1009.6	71.3	68.7	66.5	22.8		87		0.6		0	0	0	0	0	1	2	0	28
	0300		1008.6		1011.2	74.7	70.0	66.7	22.9		78		1.0		1	0	0	0	1	2	5	4	18
	1200		1005.8		1008.3	89.2	73.5	62.8	21.1		47		0.3		0	0	0	0	3	18	10	0	0
HYDERABAD																							
Badin	0000	31	1009.0		1010.1	75.9	72.8	70.8	26.2		86		0.0		0	0	0	1	15	15	0	0	0
	0300		1010.6	+0.4	1011.8	75.2	71.9	69.2	25.3	+4.0	83	+15	0.6	—0.4	0	0	0	0	11	19	0	1	0
	1200		1008.0		1009.1	96.4	77.2	66.1	23.1		39		0.0		5	0	0	0	4	20	0	2	0
Nagarparker(x)	0000	178 (Prov.)																					
	0300																						
	1200																						

(S) Observations suspended. (*) Data Rejected. (x) Data not available.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER, 1960

DIVISION AND STATATION	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.	%	%	oktas										
Umerkot	0000	55	1006.8		1008.7	70.4	65.3	61.2	19.0		75		1.0		3	2	3	0	9	7	0	0	7
	0300		1008.3		1010.2	75.7	68.0	62.5	20.0		66		1.2		2	4	1	2	7	5	0	0	10
	1200		1004.9		1006.7	97.5	74.1	60.4	18.1		30		0.3		3	0	0	0	3	4	4	16	1
Chhor	0000	19	1008.4		1009.1	66.6	61.6	57.6	16.5		74		0.2		0	0	0	0	0	3	0	0	28
	0300		1009.8		1010.5	75.1	66.1	59.2	17.9		60		0.6		0	4	0	0	1	7	1	0	18
	1200		1006.3		1006.9	96.0	70.5	52.0	13.9		24		1.1		0	2	0	0	0	13	9	1	6
Hyderabad	0000	98	1005.7		1009.2	72.2	65.1	59.8	18.0		67		0.0		1	0	0	0	1	1	0	0	28
	0300		1007.4	—0.3	1010.9	75.9	66.6	59.9	18.0	—0.5	59	—2	0.3	—0.2	0	0	0	0	1	3	0	0	27
	1200		1004.2		1007.5	96.4	70.7	52.8	14.0		24		0.1		0	1	0	2	5	4	0	2	17
KHAIRPUR																							
Padidan	0000	153	1003.5		1009.0	65.0	60.3	56.5	15.8		75		0.0		3	2	2	2	0	1	1	0	20
	0300		1005.4		1010·7	73.0	63.9	57.4	16.2		59		0.0		2	0	6	5	0	0	0	3	15
	1200		1002.5		1007.7	95.6	68.1	46.9	11.1		19		0.0		13	4	0	0	1	0	5	5	3
Nawabshah	0000	124	1005.1		1009.5	66.5	61.3	57.3	16.2		73		0.0		0	0	0	0	2	0	0	0	29
	0300		1006.7		1011.1	71.6	63.9	59.0	16.8		64		0.4		0	0	0	1	2	0	0	1	27
	1200		1004.1		1008.3	96.9	72.6	56.8	16.3		27		0.2		3	1	0	0	3	0	2	4	18
Sukkur	0300	221	1003.0	—0.4	1010.7	73.0	65.3	59.7	17.3	—0.3	64	+5	0.0	—0.2	0	1	1	6	7	0	0	0	16
	1200		1000.1		1007.5	92.6	72.3	59.9	17.9		34		0.0		15	3	0	1	0	0	2	8	2
Kashmore	0000	255	*		*	73.0	65.8	60.8	18.5		68		0.0						*				
	0300		*		*	75.5	65.4	57.6	16.8		55		0.0						*				
	1200		*		*	92.8	72.6	60.8	18.2		37		0.0						*				
Jacobabad	0000	183	1002 8		1009.3	67.6	59.3	52.1	13.5		58		0.0		0	1	3	4	1	0	0	2	20
	0300		1004.6	+0.1	1011.1	72.6	60.7	50.7	12.8	—3.6	47	—7	0.0	—0.3	1	2	6	2	0	0	1	2	17
	1200		1001.7		1007.9	95.4	66.5	39.4	9.1		16		0.0		0	0	1	11	10	4	1	2	2
JUNAGADH																							
Veraval	0000	26	*																				
	0300		(d) 1010.2		(d) 1011.2	77.0	(d) 70.9	(o) 65.8	23.1		73		(c) 2.0		13	1	0	1	(c) 1	1	4	3	4
	1200		(m) 1007.9		(m) 1009.9	81.9	(n) 77.5	(n) 75.2	30.2		81		(f) 2.2		0	0	2	0	2	(l) 3	9	3	0
AFGHANISTAN																							
Jalalabad (R)...	0000	1950																					
	0300																						
	1200																						
ARABIA																							
Muscat (s)	0300	20																					
	1200																						
HILL STATIONS KASHMIR																							
Srinagar (x)	0000																						
	0300																						
	1200																						

(b) Mean for 29 days. (d) Mean for 27 days. (*) Data rejected. (R) Register not received. (x) Data not available.

(o) Mean for 16 days. (n) Mean for 17 days. (m) Mean for 18 days. (l) Mean for 19 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER, 1960.

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.	%	%	0/10										
Gulmarg (x)	0300	—																					
	1200																						
Gurez (x)	0300	—																					
	1200																						
Sonamarg (x)...	0300	—																					
	1200																						
Dras (x)	0300																						
	1200																						
Kargil (x)	0300	—																					
	1200																						
Leh (x)	0000	—																					
	0300																						
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	*		*	*	—	—	—		—		1.7		0	1	1	0	2	0	9	7	11
	0300		703.7	—	3146.8	38.6	30.7	17.6	3.4	—	43	—	1.0	—	0	3	4	1	0	1	6	2	14
	1200		700.8		3112.9	48.5	36.1	17.6	3.5		30		1.8		0	1	8	2	2	2	10	3	3
Aliabad (x)	0300																						
	1200																						
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
RAWALPINDI																							
Murree	0000	7113	786.0		1510.5	51.9	43.3	33.0	6.5		50		0.3		0	0	0	3	0	0	6	17	5
	0300		787.3	0.1	1520.8	55.0	45.4	34.4	6.9	—0.2	47	+1	0.6	—0.5	3	1	2	4	0	0	9	3	9
	1200		786.3		1502.5	60.4	50.0	40.0	8.6		47		1.2		0	0	0	0	0	4	16	8	3
PESHAWAR																							
Drosh	0000	4806	855.9		1522.3	57.1	48.4	38.8	8.1		50		0.5		0	2	1	5	1	0	0	0	22
	0300		857.3	—0.6	1535.3	55.5	47.7	39.0	8.2	+0.3	54	—3	1.6	+0.2	0	1	1	2	0	0	0	0	27
	1200		852.8		1492.2	72.5	56.3	40.6	9.0		33		2.9		0	3	0	2	1	24	0	0	1
Cherat	0000	4272	*		*	60.3	51.6	42.9	9.5		53		0.4		1	3	0	1	26	0	0	0	0
	0300		871.8	+0.2	1516.5	63.7	53.3	43.4	9.7	+0.8	48	0	0.4	—0.5	9	3	0	1	16	0	0	2	0
	1200		870.4		1505.6	73.8	57.8	44.6	9.9		35		0.9		5	0	0	4	20	0	1	1	0
Kakul	0000	4214	872.4		1501.7	60.0	50.1	39.3	8.2		47		0.4		17	5	1	0	0	0	0	8	0
	0300		873.8	—	1517.3	64.0	53.2	42.7	9.5	—	46	—	0.3	—	6	4	1	0	2	5	1	12	0
	1200		871.9		1507.3	63.5	57.2	42.2	9.4		32		0.6		0	0	0	3	10	13	1	4	0
Balakot (R)	0000	3226																					
	0300																						
	1200																						
Landikotal	0000	3503	893.5		1485.3	57.2	50.3	43.3	9.5		61		0.1		0	0	0	0	0	0	0	0	31
	0300		895.0	—	1504.7	64.0	53.6	43.5	9.9	—	48	—	0.3	—	0	0	0	1	0	1	0	0	29
	1200		892.5		1491.2	77.5	60.0	46.4	10.6		33		0.5		0	0	0	22	1	1	0	0	7

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

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER, 1960.

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.	%	%	oktas										
D. I. KHAN																							
Parachinar	0000	5673	829.3		1521.5	53.0	41.6 (b)	30.3 (b)	4.9		35		0.1		10	0	0	0	0	0	0	0	21
	0300		830.5 (a)	+1.6	1532.5 (a)	55.1	43.5 (l)	32.5	5.5	—1.5	38	—7	0.3	—0.6	5	0	0	2	0	0	0	0	24
	1200		829.0 (a)		1512.8 (a)	69.9	54.6 (k)	43.1	9.2		37		0.5		1	0	0	19	0	0	0	2	9
Miransh	0000	3026	908.2		1476.7	58.6	51.1	44.4	9.8		59		0.0		1	0	0	0	0	0	0	0	31
	0300		910.2	—	1510.5	65.1	52.2	38.5	8.1	+0.9	38	—5	0.2	—0.3	0	0	0	0	0	0	0	1	30
	1200		907.8		1495.8	81.3	61.4	44.1	10.5		28		0.4		0	6	0	0	0	0	0	1	24
Wana	0300	4503	864.4	—	1513.5	61.1	48.2	31.5	6.3	—0.2	34	—12	0.1	—0.2	0	0	0	1	0	1	0	1	28
	1200		861.4		1487.3	76.2	55.8	34.2	7.0		22		0.4		0	3	0	13	0	0	0	0	15
QUETTA																							
Fortsandeman	0300	4614	862.5	+1.4	1527.5	58.7	45.5	26.1	5.1	—0.8	30	—19	0.0	—0.6	1	0	1	3	2	3	0	1	20
	1200		859.2		1500.0	81.3	54.4	18.1	3.9		09		0.5		2	2	2	1	1	5	9	5	4
Hindubagh	0000	5909	*		*	*	*	*	x		x		0.0		0	0	0	1	0	1	6	3	20
	0300		821.4		1511.5	54.6	*	*	x		x		0.0		0	0	0	0	0	2	13	2	14
	1200		819.3		1478.4	74.7	*	*	x		x		0.0		0	0	1	1	0	8	16	2	3
Loralai	0000	4699	857.1		1500.5	51.8	41.8	25.4	5.0		37		0.0		0	0	0	1	0	0	14	16	0
	0300		857.8		1506.7	52.3	42.1	26.7	5.0		39		0.0		0	0	0	0	0	1	14	16	0
	1200		855.3		1485.9	77.5	58.7	40.7	9.3		29		0.5		0	0	5	16	6	2	2	0	0
Harnai	0300												0.0		*	*	*	*	*	*	*	*	*
	1200												0.0		*	*	*	*	*	*	*	*	*
Samungli	0000	5213	843.2		1521.2	38.6	30.9	16.5	3.2		41		0.0		0	1	10	7	0	0	0	1	12
	0300		844.3		1531.9	45.7	35.6	19.0	3.5		35		0.0		0	0	8	7	0	0	1	0	15
	1200		841.9		1504.2	74.1	49.0	14.2	2.9		11		0.2		2	0	0	0	0	0	6	22	1
Quetta	0300	5490	834.7	—1.4	1519.3	52.5	41.7	27.3	5.1	—1.0	38	—11	0.0	—0.5	0	3	0	2	2	0	0	0	24
	1200		831.9		1485.7	73.5	64.5	59.4	17.5		61		0.2		4	0	0	0	0	1	5	9	12
Chaman	0000	4311	870.1		1507.8	56.8	43.7	24.5	4.5		29		0.0		0	0	21	0	0	0	0	0	10
	0300		870.9	—0.6	1516.1	56.1	42.7	21.1	4.0	—1.9	26	—7	0.0	—0.6	0	0	18	0	0	0	0	0	13
	1200		866.7		1482.9	78.9	53.8	19.9	4.0		12		0.0		0	0	0	0	3	4	10	2	12

(x) Data not available. (*) Data rejected. (b) Means of 29 days. (l) Means for 19 days. (k) Means for 20 days. (a) Means of 30 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF OCTOBER 1960

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 geopotential of 850/700 mbs. pressure level in Gpm.	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										
KALAT (North)																							
Kalat	0000	6616	801.6		1536·8	39.4	33.3	23.3	4.3		53		0.0		0	0	0	0	31	0	0	0	0
	0300		802.9	+0.5	1539.0	50.5	41.4	30.1	5.6	—0.3	47	+2	0.0	—0.4	0	0	0	4	26	1	0	0	0
	1200		801.2		1505.2	66.9	52.5	40.0	8.3		37		0.2		5	0	0	0	1	0	1	24	0
Nushki	0000	3416	*		*	63.9	47.7	24.1	4.8		23		0.0		0	0	30	0	0	0	0	0	1
	0300		903.1		1557.3	69.4	51.8	28.9	6.1		24		0.0		0	3	26	1	0	0	0	0	1
	1200		900.5		1546.7	84.0	61.1	39.2 (a)	9.1		23		0.1		0	0	0	0	0	4	1	24	2
Dalbandin	0000	2785	918.2		1490.4	55.4	42.6	22.4	4.2		28		0.0		2	3	1	0	1	2	2	1	19
	0300		919.9	+0.9	1507.5	57.2	43.1	20.3	3.9	—1.9	24	—14	0.0	—0.6	3	4	0	1	0	1	0	5	17
	1200		916.9		1516.3	86.6	57.7	22.7	3.7		11		0.3		1	0	5	13	3	4	2	1	2
KALAT (South)																							
Panjgur	0000	3177	905.9		1498.3	56.9	43.4	22.2	4.2		27		0.0		1	30	0	0	0	0	0	0	0
	0300		907.0	+0.6	1511.7	59.9	44.9	22.2	4.2	—3.6	24	—22	0 0	—0.4	2	27	0	0	1	0	0	0	1
	1200		905.0		1517.4	83.9	56.1	21.5	4.0		11		0.1		17	0	0	0	0	4	0	9	1
AFGHANISTAN																							
Kabul (R)	0300	5955																					
	1200																						
Kandahar	0300	3462	897.1	—	1498.0	48.4	43.4	36.8	7.6	—	65	—	0.2	—	0	1	0	2	1	0	0	0	27
	1200		894.1		1494.8	73.1	58.8	47.3	11.2		40		0.0		0	0	0	1	0	2	2	3	23

(a) Mean for 30 days. (R) Register not received. (*) Data rejected.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF OCTOBER 1960

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																					
Chittagong Division																					
Rangamati	89.2		95	6,7,8,	743		65	28	5.39		4.05	11	5		*		8	0	22	0	0
Cox's Bazar (P.T.O.)	87.7	+0.6	92	7	74.4	+0.8	70	28	12.94	+5.78	7.56	10	4	—3.5	3.0	+1.3	4	0	1	0	0
Chittagong (Patenga)	88.1		92	4th days	75.2		69	28	7.53		3.57	11	5		*		4	0	3	0	0
Chittagong (P.T.O.)	88.0	+1.1	93	7,8	74.1	+0.7	61	11	6.05	—1.04	3.38	11	5	—2.0	2.3	—0.8	2	0	0	0	0
Maijdee court (R)...																					
Comilla (R)																					
Brahmanbaria	87.7	—1.5	92	4, 8	75.5	+1.3	69	27	4.98	—1.36	1.50	11	5	—1.9	2.2		3	0	0	0	0
Srimangal	89.0	—0.0	95	3	70.7	+0.5	62	28	6.00	—1.06	1.69	11	6	—2.1	*		6	0	11	0	0
Sylbet (P.B.O.)	88.8		93	5 days	72.9		66	28	3.74		1.71	13	5		*		3	0	7	0	0
Dacca Division																					
Mymensingh	89.3	+2.2	93	4,7,9	74.5	+0.6	66	27,28	2.04	—4.28	1.94	1	1	—5.1	0.8	—0.1	0	0	2	0	0
Narayangonj	89.9	+1.7	95	8	76.5	+1.2	69	27	4.47	—0.80	1.90	14	8	+2.0	1.8	+0.3	*	0	2	0	0
Dacca (Tejgaon)	88.2		92	7,8,9,	74.5		65	27,28	1.23		0.49	11	4		2.7		3	0	0	0	0
Faridpur	88.4		93		75.4	+1.3	68	27,28	4.41	—0.44	2.01	1	4	—1.6	1.7	—0.3	3	0	0	0	0
Barisal	88.7	+1.1	93	8	76.0	+0.7	70	27	9.80	+3.66	5.57	11	5	—1.9	*		0	0	4	0	0
Rajshahi Division																					
Khulna...	88.7	+0.6	93	7, 8, 1	75.8	+0.5	70	27	5.16	+0.90	1.90	10	7	+0.8	1.4	—0.3	0	0	0	0	0
Satkhira	89.1	—0.6	94		*		67	27	5,44	+094	121	10	8	+2.3	0.1	—0.9	0	0	0	0	0
Jessore (P.T.)	89.3	+0.3	94	10, 11	73.1	+0.6	64	28	4.08	—0.51	1.12	1	6	+0.2	1.1	—0.1	0	0	2	0	0
Pabna (R)																					
Siraj gonj	89.8		94	1	73.2		63	30	2.38	—2.33	0.92	1	5	—0.2	1.0		0	0	7	0	0
Rajshahi									1.37	—240	0.80	1	3	—1.5							
Bogra (P.B.O.)	89.1	+1.5	95	5	74.4	+0.4	36	30	1.78	—3.35	0.92	31	4	—1.5	1.8	+0.7	0	0	2	0	0
Dinajpur	90.9	+3.5	95	7, 8, 10	72.5	+6.5	54	272,8	3.05	+1.42	1.75	1	2	—2.5	0.0	—1.2	0	0	0	0	0
Rangpur	89.0		93	9, 10	70.4		65	31	0.65	—5.17	0.25	1	4	—0.5	1.6		0	0	6	0	0

(R) Register not received (*) Data rejected

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF OCTOBER 1957

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
KASHMIR																					
Jammu (x)																					
LAHORE																					
Lahore P.B.O.	93.8	—0.2	101	2	62.8	+3.0	53	26	0.00	—0.24	0.00	—	0	—0.5	1.7	+0.7	0	0	0	0	0
„ (Cantt)	93.1	—	100	1,2	62.4	—	53	26	0.00	—	0.00	—	0	—	2.0	—	1	0	1	0	0
„ (Walton)	94.4	—	101	1,2	62.2	—	52	28	0.00	—	0.00	—	0	—	2.9	—	0	0	0	0	0
Sialkot...	92.6	+1.2	99	1	64.5	+2.4	57	24,25,31	0.27	—0.07	0.27	5	1	+0.2	(b) 1.1	0·0	0	0	0	0	0
RAWALPINDI																					
Jhelum	94.5	—	101	2	60.5	—	51	31	0.00	—	0.00	—	0	—	1.0	—	1	0	0	0	0
Chaklala	89.5	—	96	2	58.2	—	49	31	0.44	—	0.44	5	1	—	3.5	—	2	0	0	0	0
Rawalpindi	89.7	+1.1	96	1,2	58.8	+1.8	49	31	00.0	—0.60	0.00	—	0	—1.4	1.9	+0.7	2	0	0	0	0
Khushab	94.5	+0.9	101	1,2,3	*	—	—	—	00,0	—0.15	0.00	—	0	—0.4	2.6	—0.3	0	0	0	0	0
Sargodha	93.0	—	100	2	60.9	—	51	24 25,31	0.00	—	0.00	—	0	—	1.9	—	0	0	0	0	0
MULTAN																					
Lyallpur	93.3	+0.1	101	1	62.7	+0.3	54	26,27	0.00	—0.12	0.00	—	0	—0.4	1.8	+0.4	0	0	0	0	0
Montgomery	96.0	+1.0	103	2	65.2	—1.0	53	26	0.00	—0.08	0.00	—	0	—0.3	1.3	—1.0	0	0	0	0	0
Multan (P.B.O.)	96.3	—	104	1	6.28	—	54	28	0.00	—	00.0		0	—	2.5	—	0	0	0	0	0
„ (Surface)	96.4	+2.0	103	2,4	67.3	+3.6	60	4 days	0.00	—0.08	0.00	—	0	—0.2	(x)	—	0	0	0	0	0
BAHAWALPUR																					
Leiah (R)																					
Khanpur (Surface)	(closed)																				
„ (P.B.O.)	96.7	—	105	2	60.8	—	51	24,25,26	0.00	—	0.00	—	0	—	1.5	—	0	0	0	0	0
Bahawalpur	97.4	+1.8	105	2	63.4	+0.9	53	25	0.00	0.06	0.00	—	0	—0.2	1.7	—0.3	0	0	0	0	0
Fort Abbas	97.8	—	105	1,2	*	—	—	—	0.00	—	0.00	—	0	—	1.8	—	0	0	0	0	0
PESHAWAR																					
Chakdara	87.2	—	94	1	56.1	—	48	31	0.20	—	0.20	16	1	—	(x)	—	5	0	0	0	0
Peshawar	88.6	+0.8	95	1	61.2	+0.7	53	31	0.01	—0.22	0.01	2	0	—0.6	1.1	00	3	0	0	0	0
Risalpur	91.6	—	99	1	57.5	—	48	31	0.00	—	0.00	—	0	—	1.5	—	2	0	0	0	0
Haripur	90.8	—	95	1, 5	59.2	—	53	29,30	0.48	—	0.48	5	1	—	5.0	—	0	0	0	0	0
Campbellpur																					
D. I. KHAN																					
Kohat	90.1	—	98	1	67.5	—	60	26	0.05	—	0.05	5	0	—	3.7	—	1	0	0	0	1
Bannu	90.9	+0.3	98	1, 2	63.6	+1.7	56	31	0.00	—0.04	0.00	—	0	—0.1	1.0	—	0	0	0	0	0
D. I. Khan	94.4	+1.1	103	1	63.3	+1.6	54	31	0.00	—0.11	0.00	—	0	—0.3	0.6	—0.2	0	0	0	0	0
Mian wali	94.9	—	103	1	63.0	—	54	25	0.00	—	0.00	—	0	—	(x)	—	0	0	0	10	0

* Data Rejected. (R) Register not available (x) Data not available.

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF OCTOBER 1960

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.	Fog. (Visibility Code Figure 93 or less)	Haze (dust). (Visibility Code Figure 93 or less)	Dust Storm. (Visibility Code Figure 93 or less)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
QUETTA																					
Sibi *	101.0	+3.4	107	1,4	66.9	+1.4	57	23	0.00	0.00	0.00	—	0	0.0	*	—	0	0	0	0	0
KALAT (North)																					
Nokkundi	93.7	+1.5	102	2,3	60.6	+0.5	52	20,21,31	0.00	0.00	0.00	—	0	0.0	—	—	0	0	0	0	0
KALAT (South)																					
Turbat	103.3		110	5	x		—	—	0.00		0.00	—	0				0	0	0	0	0
Jiwani	90.9		96	12	72.0		64	31	0.00		0.00	—	0		6.5		0	0	0	0	0
Pasni	92.3	+1.8	104	6	68.3	+1.0	62	31	0.00	0.00	0.00	—	0	0.0	6.6	+1.5	0	0	7	0	0
Ormara	90.0	+0.8	105	6	70.7	—0.1	62	22, 31	0.00	0.00	0.00	—	0	0.0	8.6	+1.3	0	0	0	0	0
Lasbela	103.8	+4.1	109	13	68.8	+5.5	51	24	0.00	—0.01	0.00	—	0	0.0	x	—	0	0	0	0	0
FEDERAL CAPITAL AREA KARACHI																					
Karachi (Manora)	90.2	+2.9	93	8,25	74.7	+1.0	69	31	0.00	0.02	0.00	—	0	—0.1	x	—	0	0	9	0	0
,, (Mauripur)	92.2		101	4	71.0		63	20,30	0.00		0.00	—	0		4.6		0	0	16	0	0
,, (City)	92.5		100	4	70.4		60	18, 31	0.00		0.00	—	0		3.8		0	0	14	0	0
,, (P.A.F.)(o)																					
,, (Airport)	95.4		104	4	69.3		62	24	0.00		0.00	—	0		5.0		0	0	13	0	0
HYDERABAD																					
Badin	10.13	+5.3	107	4	71.9	+2.0	61	24	0.00	—0.03	0.00	—	0	—0.1	*		0	0	0	0	0
Nagarparkar (x)																					
Umerkot	101.5		108	5	68.0		62	5 days	0.00		0.00	—	0		2.9		0	0	1	0	0
Chhor	100.8		109	5	63.7		55	24	0.00		0.00	—	0		1.9		0	0	2	0	0
Hyderabad	101.8	+4.0	111	5	70.7	+0.5	65	25	0.00	— 0.03	0.00	—	0	—0.1	0.9	—3.5	0	0	0	0	0
KHAIRPUR																					
Padidan	99.5		105	3,4,12	62.5		53	17,23	0.00		0.00	—	0		2.8		0	0	0	0	0
Nawabshah	100.4		107	5	64.1		54	24	0.00		0.00	—	0		1.4		0	0	0	0	0
Sukkur	98.2	+2.2	106	4	68.3	—0.6	60	22,23	0.00	—0.01	0.00	—	0	0.0	1.3	—1.2	0	0	0	0	0
Kashmore	97.0		102	4,15,16	63.0		51	23,24	0.00		0.00	—	0		*		0	0	0	0	0
Jacobabad	98.4	+0.9	105	4	65.5	—0.1	58	23, 25	0.00	—0.03	0.00	—	0	—0.1	2.9	+0.1	0	0	0	0	0
JUNAGADH																					
Veraval (x)	x				(k) 70.2				(c) 0.00		0.00	—	0		x		0	0	0	0	0
AFGHANISTAN																					
Jalalabad (R)																					
ARABIA																					
Muscat (o)																					
HILL STATIONS																					
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					

(*) Data rejected. (x) Data not available. (k) Mean for 16 days (o) Observations suspended (R) Register not received (c) Mean for 28 days

TABLE III—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF OCTOBER 1960

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.	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
KASHMIR—(*contd.*)																					
Misgar	58.7	—	69	6	31.8	—	25	17,31	0.00	—	—0.00	—	0	—	2.7	—	0	0	0	0	0
Aliabad (x)																					
Gilgit (x)																					
RAWALPINDI																					
Murree	67.3	—0.3	72	1,2	48.5	—0.8	44	4 days	0.49	—1.07	0.49	1	1	— 1.7	4.3	+ 0.7	2	0	0	0	0
PESHAWAR																					
Drosh	82.1	+5.4	91	1,4,6	55.1	—1.9	44	30	0.77	—0.50	0.29	16	3	— 0.1	3.1	+ 1.1	4	0	0	0	0
Cherat	80.3	+3.7	88	1.2	58.4	0.0	49	24 25	0.00	—0.56	0.00	—	0	— 1.3	(b) 7.8	+ 2.7	0	0	0	0	0
Kakul	80.3	—	86	1,2	58.1	—	52	5,30	0.61	—	0.61	5	1	—	(x)	—	3	0	0	0	0
Balakot (R)																					
Landi kotal	82.2	—	91	1	54.4	—	47	26	0.00	—	0.00	—	0	—	(x)	—	1	0	0	0	0
D. I. KHAN																					
Parachinar (x)	77.6	+3.4	84	4	49.0	+0.3	40	30	04.0	—0.55	0.30	3	2	—0.5	2.5	+0.3	0	0	0	0	0
Miranshah	85.1	+1.5	93	1,2	58.1	—0.2	50	4 days	0.00	—0.03	0.00	—	0	0.0	(b) 2.7	—1.2	0	0	0	0	0
Wana	81.6	+1.6	88	24	*	—	—	—	0.00	0.12	0.00	—	0	—0.3	08	—	0	0	0	0	0
HILL STATIONS																					
QUETTA																					
Fort Sandeman	82.4	—0.2	90	2, 3	53.6	+0.7	46	24	0.00	—0.10	0.00	—	0	—0.2	x	—	0	0	0	0	0
Hindu Bagh	75.3		84	1,2,3,	*		—	—	0.00		0.00		0		4.2		0	0	0	0	0
Loralai	81.9		89	1,2,11	48.7		43	23	0.00	—0.11	0.00	—	0	—0.3	3.1	—	0	0	0	0	0
Harnai									0.00	—0.23	0.00	—	0	—0.4	x (j)	—	0	0	0	0	0
Quetta (Samungli)	76.9		86	2,3	35.5		28	18,20	0.00	—	0.00	—	0		3.1	—	0	0	0	0	0
Quetta	76.2		85	3	38.0		31	21,22,23	0.00		0.00	—	0		2.3	+0.8	0	0	0	0	0
Chaman	81.2	+1.4	91	3	52.2	—1.3	46	29	0.00	—0.16	0.00	—	0	—0.2	(x)	—	0	0	0	0	0
KALAT (NORTH)																					
Kalat	72.7	—2.6	82	1,2	37.9	—3.1	32	4 days	0.00	—0.09	0.00	—	0	—0.2	x	—	0	0	0	0	0
Nushki	86.6		96	2,3	61.8		51	31	0.00		0.00	—	0		(x)	—	0	0	0	0	0
Dalbandin	89.7	+0.7	98	3	51.1	+0.2	41	31	0.00	—0.02	0.00	—	0	—0.1	2.5	—0.1	0	0	0	0	0
KALAT (SOUTH)																					
Panjgur	86.8	—0.4	96	3	54.7	—0.7	46	30	0.00	—0.01	0.00	—	0	—0.1	*		0	0	0	0	0
AFGHANISTAN																					
Kabul (R)																					
Kandhar	78.5	—	87	1	44.0	—	38	22	0.00	—	0.00	—	0	—	0.4	—	0	0	0	0	0

(R) Register not received. (x) Data not available. (*) Data rejected. (j) Mean of 19 days. (b) Mean of 29 days.

REGD. No. S - 1452

PAKISTAN WEATHER REVIEW, 1960

MONTHLY WEATHER REPORT

November

(PUBLISHED BY THE AUTHORITY OF GOVERNMENT OF PAKISTAN)

Chief Features:

1. Dry weather over East Pakistan except on the first day of the month.

2. Three feeble Western disturbances affected West Pakistan.

West Pakistan

In association with the passage of three feeble western disturbances which moved in close succession across the north of the region during the second week, scattered rain fell in Peshawar division between the 9th and the 13th, in Quetta and D. I. Khan division on the 11th and in Rawalpindi division on the 12th. Thereafter the weather was dry over West Pakistan except between the 21st and the 22nd when scattered light rain fell in D. I. Khan and Peshawar divisions and again between the 27th and the 29th when a few falls of rain or snow occurred in Peshawar and Rawalpindi divisions as a result of the passage of two western disturbances across the north of the region.

Chief amounts of rainfall recorded were Parachinar 1-1/2" on the 11th, Drosh 1/2" on the 12th and Chakdara 1/2" on the 13th.

The total rainfall during the month was in large excess in the D. I. Khan division, in moderate excess in the Peshawar division, in moderate defect in the Quetta division and in large defect elsewhere. Averaged over the region it was in moderate defect.

The mean maximum and the mean minimum temperatures were normal everywhere except in the Federal Capital Area and the Hyderabad division where the mean maximum temperature was above normal.

The mean relative humidity was in defect in the Quetta Division, Federal Capital Area and the Khairpur division, in excess in the Lahore and the Rawalpindi divisions and normal elsewhere.

Skies were clouded more than usual in the Peshawar division, normally in the D. I. Khan division, Federal Capital Area and the Khairpur division and less than usual elsewhere.

East Pakistan

Except on the first day when fairly widespread rainfall was recorded upto 0300 GMT in Dacca division and local in Rajshahi division under the influence of last month's severe cyclonic storm which moved away rapidly as a depression across Assam, the weather was generally dry during the month over East Pakistan.

Noteworthy amounts of rainfall available are Barisal 2" and Narayanganj and Khulna 1-1/2" each upto 0300 GMT of 1st.

The total rainfall during the month was normal in the Chittagong division, in slight excess in the Dacca division and in large defect elsewhere. Averaged over the region it was normal.

The mean maximum and the mean minimum temperatures, the mean relative humidity and mean cloudiness remained normal over the entire region except in the Rajshahi division where mean cloudiness was in defect.

Table I contains the divisional means of rainfall, temperature, humidity and cloud amount for the 15 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 MEANS FOR NOVEMBER, 1960.

Division	PRECIPITATION				DEPARTURE FROM NORMAL OF				
	Actual	Normal	Departure from normal	Percentage departure from normal	Maximum temperature	Minimum temperature	0300 hrs. G. M. T.		
							Vapour pressure	Relative humidity	Cloud
1	2	3	4	5	6	7	8	9	10
	"	"	"		°	°	mb.	%	
EAST PAKISTAN									
Chittagong	2.29	2.16	+0.13	+6	—1.0	—0.3	—1.5	—2	—0.3
Dacca	1.26	1.12	+0.14	+13	—0.2	—0.5	—1.3	—3	+0.1
Rajshahi	0.36	0.73	—0.37	—51	0.0	—0.7	—0.7	—3	—0.5
Mean	1.22	1.29	—0.07	—5	—0.4	—0.5	—1.1	—3	—0.3
WEST PAKISTAN									
Kashmir (x)									
Lahore	0.00	0.13	—0.13	—100	—0.5	+1.5	—0.1	+6	—0.3
Rawalpindi	0.09	0.36	—0.27	—75	—0.8	—0.9	+0.3	+6	—0.7
Multan	0.00	0.07	—0.07	—100	—0.2	—0.4	—1.1	—3	—0.2
Bahawalpur	0.00	0.01	—0.01	—100	+0.5	—1.3	—1.0	—4	—0.4
Peshawar	0.46	0.34	+0.12	+35	—0.7	—0.5	0.4	—2	+0.4
D. I. Khan	0.35	0.16	+0.19	+119	—0.5	—0.9	+0.2	0	0.0
Quetta	0.07	0.14	—0.07	—50	0.0	—0.5	—0.5	—6	—0.4
Kalat	0.00	0.07	—0.07	—100	+0.7	—0.3	+0.1	+1	—0.4
Federal Capital Area	0.00	0.08	—0.08	—100	+2.8	—1.6	—1.7	—8	—0.2
Hyderabad	0.00	0.12	—0.12	—100	+2.5	—0.5	—0.5	+4	—0.2
Khairpur	0.00	0.02	—0.02	—100	—0.9	—1.7	—2.5	—6	—0.1
Mean	0.08	0.12	—0.04	—33	+0.5	—0.6	—0.4	0	—0.3
Junagad (x)									

(x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER 1960.

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.	%	%	oktas										
EAST PAKISTAN																							
Chittagong Division																							
Rangamati	0000	208	1006.4		1013.8	63.4	63.0	62.7	19.5		98		1.7		15	0	1	1	1	1	1 (b)	8	2
	0300		1008.4		1015.7	70.9	67.5	65.4	21.4		83		1.9		10	1	2	4	4	0	0	8	0
	1200		1004.9		1012.1	77.5	69.6	64.9	21.0		66		2.3		12	2	0	0	4	1	4	7	0
Cox's Bazar (P.T.)	0300	38	1012.8	+0.1	1014.1	76.6	70.6	67.0	22.8	—2.1	73	—4	2.1	—0.6	13	2	0	0	0	0	0	14	1
	1200		1009.9		1011.2	76.6	71.7	68.9	24.3		77		2.0		10	0	0	0	0	0	1	14	5
Chittagong (Patanga)	0000 h	20	1012.1		1012.8	65.8	64.2	63.3	19.8		91		2.3		7	11	0	0	0	0	1	0	4
	0300 g		1014.1		1014.8	74.1	67.9	65.9	20.6		77		1.7		6	12	3	0	0	0	0	0	3
	1200 g		1010.7		1011.4	76.0	69.1	65.1	21.2		69		1.7		3	1	0	0	0	0	2	9	9
Chittagong (P.T.)	0300	46	1013.3	+0.2	1014.9	76.3	69.5	65.8	21.5	—1.9	70	—11	2.7	+0.1	x								
	1200		1009.7		1011.3	76.0	69.6	66.0	21.6		70		2.2		x								
Maijdi Court (R)	0000	25																					
	0300																						
	1200																						
Comilla (R)	0000	29																					
	0300																						
	1200																						
Brahmanbaria	0000	32	1012.1		1013.2	66.7	65.1	64.1	20.5		92		2.0		0	0	0	0	0	0	0	0	30
	0300		1014.2		1016.3	74.6	69.8	66.8	22.7	—0.4	78	+8	2.3		4	7	0	1	1	1	1	1	14
	1200		1010.7		1011.8	75.8	70.8	68.1	23.5		77		1.7		0	1	0	0	0	0	0	0	29
Srimangal (R)	0000	69																					
	0300																						
	1200																						
Sylhet (P.B.O.) (R)	0000	115																					
	0300																						
	1200																						
Dacca Division																							
Mymensingh	0000	62	1011.5		1013.7	63.3 o	61.8 o	60.6 o	18.2 o		91 o		1.4		0	0	0	0	0	0	0	1	29
	0300		1013.5	+0.3	1015.7	71.8	68.0	65.7	21.6	—0.2	81	+2	1.4	—0.5	1	0	2	0	0	0	4	14	9
	1200		1009.7		1011.9	77.5 h	71.8 h	68.5 h	24.1 h		73 h		1.5		0	0	0	0	0	0	2	0	28
Narayanganj	0000	26	1012.7		1013.6	65.7	64.4	63.4	20.0		93		2.1		0	0	0	1	0	0	0	0	29
	0300		1014.3	+0.3	1015.2	74.8	68.2	65.2	20.6	—1.3	70	—4	2.1	0.0	2	0	1	1	0	0	0	1	25
	1200		1010.8		1011.7	75.7	68.4	64.1	20.4		69		2.3		0	0	1	0	0	0	0	2	27
Dacca (Tejgaon)	0000	32	1011.7		1012.9	62.4	61.5	60.6	18.3		94		2.3		4	0	0	1	0	0	0	6	19
	0300		1013.7		1014.8	73.2	67.6	64.3	20.6		74		2.3		11	2	0	2	0	0	0	5	10
	1200		1010.3		1011.4	73.9	67.4	63.3	20.0		70		2.6		3	0	0	1	0	0	2	13	11

(x) Data not available.
(R) Register not available.
(b) Observation for 29 days.
(o) Observation for 16 days.
(h) Observation for 23 days.
(g) Observation for 24 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1960.

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										
Dacca Division—contd.																							
Faridpur	0000	46	1011.9		1013.5	65.0	63.7	62.5	19.5		91		1.9		12	1	0	0	1	0	0	2	14
	0300		1013.7	+0.4	1015.3	73.6	67.7	64.0	20.5	—1.4	72	—5	2.7	+1.3	13	2	0	1	1	0	0	6	7
	1200		1010.5		1012.1	76.3	71.6	69.2	24.3		78		2.0		4	1	0	0	1	0	0	2	22
Barisal	0000	11	1012.9		1013.3	66.1	64.9	63.7	20.2		90		1.6		1	0	0	0	0	0	0	0	29
	0300		1014.7	+0.4	1015.1	76.0	68.9	64.3	21.0	—2.3	68	—7	1.3	—0.5	4	1	0	5	1	0	4	0	15
	1200		1011.4		1011.8	78.4	70.1	65.0	21.4		65		1.3		1	0	0	0	0	0	0	0	29
Rajshahi Division																							
Khulna	0000	16	1012.9		1013.5	65.6	63.8	62.5	19.4		90		1.0		0	0	0	0	0	0	0	0	30
	0300		1014.9	+0.2	1015.5	75.7	68.3	63.8	20.3	—0.3	67	0	1.1	—1.1	2	0	0	0	0	0	0	0	28
	1200 b		1011.3		1011.9	75.6	69.6	66.3	22.0		72		1.1		0	0	0	0	0	0	0	0	29
Satkhira	0000	16	1013.0		1013.6	63.7	62.3	61.0	18.5		92		2.7		0	0	0	0	0	0	0	0	30
	0300		1015.1	+0.6	1015.7	73.8	66.9	62.3	19.4	—1.4	68	—5	1.7	—0.5	3	0	0	0	0	0	0	0	27
	1200		1011.6		1012.2	74.9	69.4	65.9	22.0		75		1.9		0	0	0	0	0	0	0	0	31
Jessore (P.T.)	0000	26	1012.1		1013.2	61.5	60.3	59.2	17.3		93		2.0		1	0	0	0	0	0	1	1	27
	0300		1014.5	+0.1	1015.4	71.1	66.1	62.9	19.7	—1.2	76	+2	1.8	+0.2	3	3	1	0	0	1	1	5	16
	1200		1011.4		1012.3	75.5	68.3	63.9	20.4		67		1.6		0	0	0	0	1	0	0	0	29
Pabna (R)	0000	48																					
	0300																						
	1200																						
Serajganj	0000	51	1011.1		1013.0	64.1	63.1	62.0	19.3		94		1.2		0	0	0	0	0	0	0	1	29
	0300		1013.4		1015.2	74.3	68.7	65.0	21.4		74		1.3		0	2	0	0	0	0	0	2	26
	1200		1009.5		1011.3	73.8	70.1	68.0	23.4		82		1.6		0	0	0	0	0	0	0	0	30
Rajshahi University	0000	73	1011.7		1014.3	63.2	61.8	60.6	18.2		92		1.7		0	0	0	0	0	0	0	0	30
	0300		1013.5		1016.1	70.9	66.0	62.7	19.6		76		1.9		7	0	0	0	1	0	2	7	12
	1200 b		1009.8		1012.4	75.8	69.4	65.7	21.6		71		2.4		0	1	0	0	0	0	2	2	25
Bogra (P.B.O.)	0000	65	1011.0		1013.2	63.3	62.1	61.1	18.5		93		1.6		5	0	0	0	0	1 b	0	0	23
	0300		1013.1	+0.1	1015.3	72.2	67.5	64.5	20.9	+0.5	77	0	1.5	+0.1	15	3	0	0	0	1	0	1	10
	1200		1009.4		1011.6	75.9	70.5	67.6	23.0		75		1.7		0	1	0	0	0	0	1	1	27
Dinajpur	0000	23	1009.1		1013.6	60.3	58.8	57.1	16.3		90		0.4		0	0	0	0	0	0	0	0	30
	0300		1011.0	—0.4	1015.3	72.1	65.2	60.6	18.1	—1.3	67	—10	0.2	—1.1	0	0	0	0	0	0	0	0	30
	1200		1007.0		1011.3	76.9	68.8	63.9	20.4		65		0.1		0	0	0	0	0	0	0	0	30
Rangpur	0000	113	1010.0		1014.1	61.4	60.3	59.3	17.4		94		1.4		5	3	0	0	0	0	0	2	20
	0300		1011.6		1015.6	71.0	67.0	66.5	20.8		89		0.7		2	24	1	0	0	1	2	0	0
	1200		1007.7		1011.7	75.1	69.9	67.0	22.6		76		0.7		1	0	0	0	0	0	0	0	29

(b) Observation for 29 days. (R(Register not received.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1960.

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										
KASHMIR																							
Jammu (x)	0300	1200																					
	1200																						
LAHORE																							
Lahore (P.B.O.)	0000	702	999.0		1015.6	50.6	48.3	45.7	10.5		84		0.3		3	1	0	0	0	0	0	1	25
	0300		991.5	+0.2	1016.9	56.4	51.4	46.4	10.7	—0.1	69	+6	0.6	—0.5	1	3	0	4	0	0	1	1	20
	1200		989.1		1013.6	74.3	60.5	48.6	11.8		40		1.1		0	0	0	0	0	0	0	6	24
„ (Cantt.)	0000	709	989.5		1015.3	51.1	48.8	46.3	10.7		84		0.4		3	2	1	0	0	0	0	3	21
	0300		991.1	—	1016.6	56.9	51.9	46.9	10.9	—	69	...	0.7	...	2	0	0	1	1	0	0	3	23
	1200		988.3		1013.0	75.0	62.0	51.2	13.1		44		1.6		0	2	1	0	0	0	1	10	16
„ (Walton)	0000	699	989.6		1015.1	50.4	47.2	43.4	9.6		77		0.3		2	3	0	1	1	1	1	1	20
	0300		991.4	—	1016.7	55.4	50.1	44.4	9.9	...	66	...	0.6		0	1	1	3	0	1	0	7	17
	1200		988.7		1013.1	74.8	63.2	47.5	11.3		39		0.9		1	1	1	1	0	0	6	14	6
Sialkot	0000	830	985.0		1015.0	53.0	49.8	46.5	10.7		78		0.0		0	0	0	0	0	0	0	0	30
	0300		987.1	0.0	*	*	*	*	*	—	—		0.8	—0.1	1	3	0	1	0	0	0	0	25
	1200		984.2		*	*	*	*	*		—		0.9		0	0	0	1	0	0	0	0	29
RAWALPINDI																							
Jhelum	0000	765	987.5		1015.4	49.3	46.2	42.5	9.2		78		1.0		0	0	0	0	0	0	0	1	29
	0300		989.2	—	1017.0	51.7	47.4	42.5	9.2	—	71	—	1.6	—	0	0	1	1	1	1	2	23
	1200		986.4		1013.1	72.8	57.5	42.3	9.3		34		1.1		0	0	0	0	0	2	1	9	18
Chaklala	0000	1667	957.3		1017.4	47.5	42.3	35.8	7.1		63		1.9		9	2	0	0	0	0	3	11	5
	0300		958.7	—	1018.5	50.3	41.4	37.5	7.6	—	61	—	1.9	—	2	3	1	1	0	0	5	4	14
	1200		956.5		1013.9	70.3	53.3	34.6	7.1		27		1.5		1	1	1	0	0	3	19	1	4
Rawalpindi	0000	1675	957.1		1017.5	47.3	43.8	39.4	8.3		75		1.8 (b)		8	0	0	0	0	0	0	1	21
	0300		958.3	0.0	1018.5	50.5	45.6	40.2	8.5	+0.1	68	+6	2.1	+0.9	9	0	0	0	0	0	2	1	18
	1200		956.2		1014.0	69.1	54.2	39.1	8.3		34		1.6		1	0	0	0	1	1	18	2	7
Khushab	0000	616	992.9 (x)		1015.5 (c)	50.4	46.1	40.5	8.8		69		0.1		0	0	6	0	0	0	0	0	24
	0300		994.6	—0.5	1016.9	55.7	48.9	40.8	8.8	+0.5	58	+7	1.0	—0.1	0	1	5	0	0	0	0	0	24
	1200		992.1		1013.5	78.7	59.7	41.6	8.9		27		0.6		0	1	2	0	0	1	0	0	26
Sargodha (P.A.F.)	0000	617	993.1		1015.7	48.7	46.4	43.7	9.8		81		0.8		1	2	2	0	0	0	0	3	22
	0300		994.6	—	1016.9	54.2	49.2	43.8	9.7	—	67	—	1.3	—	1	1	3	1	0	2	0	1	21
	1200		992.5		1013.9	75.2	60.4	47.5	11.2		37		1.3		1	2	0	0	2	3	3	0	19
MULTAN																							
Lyallpur	0000	605	993.6		1015.7	51.5	48.7	45.3	10.5		80		0.3		1	0	0	0	0	0	0	0	29
	0300		994.6	—0.1	1016.7	52.5	48.9	45.0	10.2	+0.1	75	+13	1.1	—0.2	1	1	2	2	1	0	1	0	22
	1200		992.5		1013.6	76.7	60.0	44.6	10.2		33		1.1		0	0	1	0	1	1	4	3	20
Montgomery	0000	558	995.3		1015.7	50.1	47.6	44.9	10.2		82		0.0		0	0	0	3	0	1	0	0	26
	0300		996.4	—0.2	1016.6	55.6	50.1	44.2	9.9	—1.2	66	+2	0.6	—0.2	0	0	0	12	0	3	1	0	14
	1200		994.3		1013.6	78.2	61.7	47.4	11.3		36		0.2		0	0	1	4	1	2	0	1	21
Multan (P.B.O.)	0000	404	1000.3		1015.3	50.9	47.0	42.6	9.3		73		0.2		0	0	2	0	1	0	0	0	27
	0300		1002.0	—	1017.0	54.3	48.5	41.6	9.0	—	63	—	0.5	—	0	3	0	2	1	0	1	1	22
	1200		999.5		1013.7	76.3	59.7	44.0	10.1		33		0.8		1	0	1	0	0	0	0	0	28
Multan (Surface)	0300	413	1001.8	+0.2	1016.7	60.3	52.4	44.1	9.9	—2.2	56	+6	0.5	—0.3	2	0	2	0	9	0	0	0	17
	1200		999.1		1013.4	79.3	61.8	46.8	11.0		32		0.7		2	0	1	0	5	0	1	0	21

(x) Data not available. (c) Mean for 26 days. (b) Mean for 23 days. (*) Data rejected.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1960.

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										
BAHAWALPUR																							
Leiah (x)	0000	487																					
	0300																						
	1200																						
Khanpur (Surface) (x)	0300	297																					
	1200																						
„ **(P.B.O.)**	0000	290	1004.1		1014.8	49.5	46.2	42.9	9.2		77		0.1		0	2	0	0	0	2	0	0	26
	0300		1005.9	...	1016.5	57.2	50.4	43.9	9.6	...	58	...	0.3	...	2	1	0	0	1	0	1	0	25
	1200		1003.2		1013.3	79.6	62.0	48.7	11.1		33		0.5		5	3	0	0	0	2	2	0	18
Bahawalpur	0300	384	1003.1	+0.8	1017.1	59.8	52.1	45.8	9.8	—1.0	57	—4	0.5	—0.4	3	3	2	0	4	0	0	0	18
	1200		999.9		1013.2	79.1	65.3	55.4	15.1		43		0.6		0	1	0	2	1	0	0	0	26
Fort Abbas	0000	475	998.3		1015.5	56.8	53.1	50.1	12.1		76		0.0		6	0	0	0	1	0	2	0	21
	0300		1000.3	...	1017.5	58.7	51.4	43.3	9.7	...	58	...	0.0	...	3	2	3	5	4	0	0	1	12
	1200		997.6		1014.0	80.9	65.8	53.6	14.9		41		0.2		8	0	1	0	0	0	3	3	16
PESHAWAR																							
Chakdara	0000	2197	938.8		1017.2	47.7	43.0	37.1	7.5		67		1.0		15	0	2	4	0	1	2	5	1
	0300		940.1	...	1018.2	50.2	44.1	36.5	7.4	...	59	...	1.2	...	4	0	3	2	4	1	2	3	11
	1200		937.4		1012.9	65.1	53.9	42.8	9.7		46		1.1		2	0	3	4	3	2	3	0	13
Peshawar	0000	1177	974.4		1016.9	51.3	44.7	35.6	7.1		54		1.9		1	0	0	6	8	0	0	0	15
	0300		976.1	—0.1	1018.5	52.5	45.9	37.0	7.6	+0.4	56	+3	2.2	0.0	0	1	0	1	4	2	0	0	22
	1200		973.5		1014.4	70.0	57.0	43.3	10.1		40		2.2		3	2	0	1	1	0	0	2	21
Risalpur	0000	(†) 1049	979.4		1016.4	45.5	43.0	39.5	8.3		80		1.8		0	3	1	1	0	0	5	0	20
	0300		980.7	...	1017.6	49.6	45.6	40.6	8.6	...	71	...	2.3	...	3	2	1	1	0	2	1	1	19
	1200		978.0		1013.0	70.9	56.5	41.1	9.1		35		2.3		2	2	3	0	0	5	4	5	9
Haripur	0300	1757	954.3	...	1016.5	56.0	47.5	37.2	7.8	...	51	...	1.1	...	0	5	0	0	0	24	0	1	0
	1200		952.8		1012.9	72.2	57.7	44.5	10.4		38		0.8		0	3	0	10	0	16	0	1	0
Campbellpur (R)	0300	1175																					
	1200																						
D. I. KHAN																							
Kohat	0000	1667	957.9		1016.9	57.5	45.9	30.3	5.9		36		1.1		2	0	0	0	0	0	0	26	2
	0300		959.5	...	1018.5	58.0	46.7	32.0	6.4	...	38	...	1.9		1	1	0	2	0	0	1	15	10
	1200		957.4		1014.6	72.2	54.3	35.4	7.2		26		1.4		1	7	1	1	1	1	0	0	18
Bannu	0000	1263	(b) 970.3		(b) 1015.7	52.1	47.3	40.8	8.9		67		0.3		0	0	0	0	0	0	3	0	27
	0300		971.8	...	1017.3	53.0	48.1	41.9	9.3	+1.2	67	+15	1.2	+0.2	1	0	0	0	0	0	2	5	22
	1200		969.8		1013.3	74.0	60.1	48.3	11.5		40		0.9		1	0	0	5	2	1	0	0	21
D. I. Khan	0000	570	994.6		1015.4	51.9	47.8	43.5	9.5		73		0.1		0	0	0	0	0	0	0	1	29
	0300		996.3	0.0	1017.1	53.8	48.4	42.5	9.1	—0.8	64	—2	0.6	—0.4	0	0	0	0	0	0	0	0	30
	1200		993.3		1013.1	77.2	63.4	53.3	13.7		42		0.5		1	2	0	0	0	0	0	0	27
Mianwali	0000	679	990.7		1015.4	51.3	46.9	41.8	9.0		68		0.3		1	0	0	0	0	0	0	0	29
	0300		992.8	—	1017.6	53.2	47.8	42.0	8.9	—	64	—	1.3	—	1	0	0	0	0	0	0	0	29
	1200		989.9		1013.5	76.8	61.7	49.8	12.0		39		0.5		0	2	0	0	0	0	0	0	28

(R) Data not received. (†) Hb changed from 1009 to 1047 w.e. from 18-11-60. (b) Mean for 29 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1960.

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										
QUETTA																							
Sibi	0000	441	999.6		1015.7	55.9	45.6	31.5	5.8		39		0.3		0	0	0	0	0	0	0	0	30
	0300		1000.9	+1.1	1017.0	54.8	44.8	29.5	5.6	—0.8	40	+4	0.5	—0.7	0	0	0	0	0	0	0	2	28
	1200		997.8		1013.0	83.9	58.1	27.1	4.9		12		1.1		0	0	0	0	1	0	1	2	26
KALAT (NORTH)																							
Nokkundi	0000	2229	939.9		1018.0	53.3	43.2	28.3	5.5		39		0.0		10	6	0	0	2	0	1	11	0
	0300		941.3		1020.1	53.6	43.6	30.3	5.7	0.0	41	—1	0.0	—1.6	8	8	1	1	1	1	1	8	1
	1200		938.7		1013.8	77.8	56.4	34.9	6.9		22		0.0		2	1	3	6	8	2	2	2	4
KALAT (SOUTH)																							
Turbat	0000	510	996.0		1014.3	63.7	53.7	41.5	9.7		47		0.1		0	1	11	2	0	0	0	0	16
	0300		997.8		1015.9	68.1	54.3	36.3	8.3		35		0.1		0	2	20	4	0	0	0	0	4
	1200		994.1		1011.4	89.0	64.0	39.7	9.1		20		0.0		2	4	2	1	0	3	11	2	5
Jiwani	0000	185	1008.1		1014.7	69.0	65.1	61.7	19.4		80		0.4		11	3	3	0	1	3	2	2	5
	0300		1009.6		1016.1	70.4	65.0	59.8	18.6		73		1.3		12	6	1	0	0	3	1	1	6
	1200		1007.3		1013.7	81.3	68.1	58.1	17.5		49		1.3		1	1	0	3	9	13	3	0	0
Pasni	0000	28	1013.0		1014.1	65.6	61.9	58.2	17.2		80		0.2		1	1	0	0	0	0	7	5	6
	0300		1014.7	—0.2	1015.7	67.0	62.2	57.9	16.9	+1.7	76	+7	1.1	+0.1	2	2	1	0	0	0	7	16	2
	1200		1012.3		1013.2	82.1	72.3	66.1	22.7		62		0.7		0	1	1	4	16	7	0	1	0
Ormara	0000	15	1013.3		1013.8	65.0	60.9	57.9	16.4		79		0.0		0	0	0	1	0	0	2	1	26
	0300		1015.0		1015.5	67.5	61.7	57.3	16.2	— 1.6	70	—3	0.5	—0.7	0	0	3	1	0	0	2	0	24
	1200		1012.2		1012.7	84.4	69 0	58.2	17.2		43		0.2		0	0	3	2	4	8	11	1	1
Lasbela	0000	292	*		*	*	60.2	*	*		*		0.9		0	0	0	0	0	0	0	0	30
	0300		1005.0	—0.4	1015.0	67.0	57.9	49.2	12.3	+0.7	55	+4	0.5	—0.1	1	1	0	1	2	1	0	0	24
	1200		1002.3		1012.1	91.6	63.7	46.1	7.6		22		0.1		0	2	0	10	3	0	7	0	8
FEDERAL CAPITAL AREA																							
Karachi (Manora)	0000	13	1013.4		1013.9	67.3	59.8	52.3	13.7		59		0.9		0	21	0	0	0	0	0	0	9
	0300		1014.9	—0.3	1015.4	69.0	60.6	53.6	14.3	—1.7	58	—8	1.0	—0.2	0	22	0	0	0	0	1	0	7
	1200		1011.8		1012.3	83.5	75.7	71.6	26.8		69		0.7		0	1	2	1	0	1	20	5	0
Karachi (Mauripur)	0000	52	1011.8		1013.6	65.2	56.7	46.6	11.9		56		0.4		7	12	0	0	0	0	0	2	9
	0300		1013.4		1015.2	65.7	56.5	46.4	11.5		54		0.9		6	13	2	0	0	0	0	0	9
	1200		1010.7		1012.5	84.3	65.6	49.5	13.1		33		0.5		0	0	1	0	4	18	4	3	0
Karachi (City)	0300	20	1014.4		1015.1	68.7	59.4	51.3	13.1		55		1.0		7	10	2	0	0	0	0	2	9
	1200		1011.3		1012.0	83.7	70.9	63.0	20.0		51		0.6		0	1	1	1	1	18	6	2	0
Karachi (P.A.F.) (†)	0000	38																					
	0300																						
	1200																						
Karachi (Airport)	0000	73	1011.3		1014.0	62.6	54.0	44.5	10.4		54		0.4		5	4	0	0	0	0	0	0	21
	0300		1011.1		1015.9	65.2	55.7	46.0	10.9		52		1.0		3	2	0	0	0	0	0	0	25
	1200		1011.0		1012.6	85.7	65.6	49.7	12.5		31		0.7		0	2	3	0	5	13	5	1	1
HYDERABAD																							
Badin	0000	31	1012.8		1013.9	63.9	58.9	53.8	14.7		69		0.3		9	0	0	0	4	9	0	8	0
	0300		1015.4	+1.6	1016.5	62.0	57.0	52.2	13.6	—0.2	71	+11	0.5	—0.5	6	0	0	1	2	14	0	7	0
	1200		1013.0		1014.1	88.6	70.0	58.3	16.7		38		0.0		13	0	0	1	2	6	1	3	4
Nagarparkar	0000	178	1005.6		1011.9	66.7	55.0	42.5	9.5		45		0.1		1	0	1	0	0	1	1	1	25
	0300		1006.8		1013.2	67.4	54.7	40.9	8.9		40		0.3		0	0	0	0	0	0	0	1	29
	1200		1004.2		1010.2	87.0	65.7	45.9	12.3		29		0.1		4	7	1	6	0	2	0	1	9

(*) Data rejected. (†) Observations suspended.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1960.

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										
Umerkot	0000	55	1011.3		1013.3	57.6	49.9	41.1	8.9		55		0.2		12	4	1	1	1	0	1	5	5
	0300		1013.0		1015.0	62.3	52.7	42.3	9.3		49		0.7		10	9	2	0	1	1	0	0	7
	1200		1009.9		1011.8	86.7	69.1	57.6	16.4		39		1.3		7	1	0	1	0	0	3	15	3
Chhor	0000	19	1013.0		1013.7	52.5	46.5	38.9	8.1		60		0.1		0	1	0	0	0	0	1	0	28
	0300		1014.6		1015.3	61.7	49.6	33.9	6.7		36		0.7		1	8	1	0	0	3	1	1	15
	1200		1011.3		1011.9	85.7	61.1	35.2	6.3		18		1.1		5	4	1	2	0	4	8	3	3
Hyderabad	0000	98	1010.5		1014.0	62.9	54.5	36.1	10.8		55		0.4		14	0	1	0	0	0	0	0	15
	0300		1012.4	+0.2	1016.0	64.5	55.4	46.1	11.1	−0.9	52	−3	0.9	+0.1	12	2	0	0	0	0	0	0	16
	1200		1009.4		1012.9	85.6	63.9	45.2	10.5		25		0.6		9	1	0	0	1	0	1	0	18
KHAIRPUR																							
Padidan	0000	153	1008.8		1014.4	53.2	49.5	45.2	10.4		75		0.0		3	4	0	2	0	0	0	1	20
	0300		1010.7		1016.3	55.9	50.6	44.7	10.2		68		0.1		1	2	1	3	0	0	0	4	19
	1200		1007.8		1013.1	85.7	61.7	40.8	8.0		23		0.2		12	3	0	3	2	2	0	3	5
Nawabshah	0000	124	1010.5		1015.1	54.4	49.1	43.0	9.6		66		0.0		1	1	0	0	0	0	0	0	28
	0300		1012.4		1017.0	56.9	50.4	43.4	9.6		61		0.3		1	0	0	0	0	0	0	0	29
	1200		1009.6		1013.8	84.7	61.8	40.0	8.5		21		0.3		5	0	0	0	1	1	0	4	19
Sukkur	0300	221	1008.2	+0.1	1016.2	61.1	53.8	46.3	10.9	−1.2	59	+1	0.6	0.0	5	5	0	6	6	0	0	0	8
	1200		1005.3		1013.0	81.4	63.0	47.5	11.4		31		0.5		11	4	0	0	0	2	4	2	7
Kashmore	0000	255	1005.5		1014.6	64.4	57.4	50.2	12.9		61		0.0										
	0300		1007.5		1016.6	66.8	57.3	47.4	11.8		52		0.0										
	1200		1004.6		1013.3	83.6	62.3	41.9	9.6		25		0.0										
Jacobabad	0000	183	1008.1		1014.7	55.4	47.9	38.3	8.1		53		0.1		2	0	6	2	0	0	1	3	16
	0300		1010.0	−0.4	1016.7	58.3	48.7	36.6	7.4	−3.8	45	−13	0.4	−0.3	1	1	2	2	0	0	0	5	19
	1200		1007.0		1013.3	82.9	59.3	33.5	6.6		18		0.6		2	2	0	5	2	2	4	3	10
JUNAGADH																							
Veraval	0000	26	(x)		x	x	x	x	x		x		x										
	0300		(c) 1012.5		(c) 1013.5	(c) 73.0	60.0	(n) 48.9	11.8		43		(c) 1.3		8	12	4	0	0	(c) 0	0	0	4
	1200		(i) 1010.2		(i) 1011.2	(k) 82.7	75.2	(j) 71.7	26.4		69		(c) 1.6		0	0	0	4	9	(i) 5	2	1	1
AFGHANISTAN																							
Jalalabad (x)	0000																						
	0300																						
	1200																						
ARABIA																							
Muscat (x)	0300	20																					
	1200																						
HILL STATIONS																							
KASHMIR																							
Srinagar (x)	0000																						
	0300																						
	1200																						

(x) Data not available. (i) Mean for 22 days. (*) Data rejected. (k) Mean for 20 days. (n) Mean for 17 days. (c) Mean for 28 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1960.

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										
Gulmarg (x)	0300	8709																					
	1200																						
Gurez (x)	0300	...																					
	1200																						
Sonamarg (x)	0300																						
	1200																						
Dras (x)	0300	...																					
	1200																						
Kargil (x)	0300	...																					
	1200																						
Leh (x)	0000	...																					
	0300																						
	1200																						
Skardu (x)	0000																						
	0300																						
	1200																						
Misgar	0000	10190	*		*	*	*	—	—				2.9		0	0	0	1	1	0	5	4	19
	0300		702.7	...	3134.8	26.3	22.6	16.3	3.0	...	62	...	2.2	...	1	1	1	1	0	1	3	3	19
	1200		700.2		3106.7	34.4	30.1	23.2	4.3		65		2.5		0	0	6	3	0	0	5	1	15
Aliabad (x)	0300																						
	1200																						
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
RAWALPINDI																							
Murree	0000	7113	785.6		1518.9	42.2	35.3	24.2	4.5		50		2.1		0	1	1	6	0	0	4	9	9
	0300		787.1	—0.4	1531.5	44.7	36.8	24.5	4.7	+0.2	46	+6	2.9	+1.3	0	2	4	13	0	0	2	4	5
	1200		786.1		1516.7	48.4	40.1	29.3	5.5		48		2.7		0	1	4	4	0	1	10	5	5
PESHAWAR																							
Drosh	0000	4806	857.9		1542.1	45.3	38.6	27.2	5.3		51		2.7		0	1	3	0	0	0	0	0	26
	0300		859.1	—0.1	1551.2	44.1	38.3	27.3	5.5	+0.4	56	+3	3.0	+1.3	0	1	1	2	0	1	0	0	25
	1200		855.8		1520.9	55.3	43.1	22.9	4.6		30		3.7		0	0	7	10	0	2	0	0	11
Cherat	0000	4272	873.3		1525.1	50.1	42.2	31.0	6.1		49		0.0		7	3	0	6	14	0	0	0	0
	0300		874.2	+0.7	1535.0	53.4	44.0	30.7	6.1	+0.4	43	—1	1.3	—0.1	21	0	0	1	7	0	0	1	0
	1200		872.3		1519.2	58.9	47.9	34.9	7.0		41		1.2		15	1	0	2	11	0	1	0	0
Kakul	0000	4214	874.0		1513.7	50.3	43.3	34.3	6.7		54		2.1		9	9	3	0	0	0	1	8	0
	0300		875.4	...	1527.6	52.2	44.4	34.4	6.9	...	50		2.8	...	13	4	2	2	0	0	0	9	0
	1200		874.0		1518.2	60.2	49.1	36.3	7.4		42		2.7		1	1	2	4	14	3	2	3	0
Balakot	0000	3226	(x)		(x)	46.8	42.4	37.4	7.5		68		2.7		1	0	0	0	0	0	0	1	29
	0300		(x)	...	(x)	47.1	42.1	37.1	7.3	...	66	...	2.8	...	2	0	0	0	0	0	0	0	27
	1200		(x)		(x)	60.6	49.7	38.2	7.8		43		3.0		1	0	0	0	0	0	0	1	29
Landikotal	0000	3503	(b) 896.2		(b) 1498.4	(b) 44.7	(b) 38.6	(b) 28.5	5.5		55		1.9		0	0	0	0	0	4	0	0	26
	0300		897.4	...	1512.9	48.9	40.8	28.3	5.4	...	46	...	2.1	...	0	0	0	0	0	8	0	0	22
	1200		895.6		1508.0	62.3	48.3	30.5	5.9		31		2.2		0	1	0	1	1	11	0	1	15

(*) Data rejected. (x) Data not available. (b) Mean for 29 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1960.

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 Directions Number of Observations From								
			Station level reduced to standard temperature and gravity.	Departure from normal.	Reduced to standard temperature and M.S.L. or geopotential of 850/700 mbs. pressure level in Gpm.	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										
D. I. KHAN																							
Parachinar	0000	5673	829.5		1528.3	42.5	37.4	30.2	5.7		63		0.5		9	0	0	0	0	0	1	0	20
	0300		831.0	+1.0	1541.0	43.3	37.2	29.1	5.3	+0.2	57	+9	1.2	—0.3	5	0	0	0	0	0	2	1	22
	1200		829.3		1519 7	58.1	45.6	30.7	5.9		37		1.4		1	0	0	26	0	0	0	1	2
Mirambah	0000	3026	911.7		1492.1	45.1	38.7	28.7	5.4		52		0.4		0	3	0	0	0	0	0	0	27
	0300		913.0	—	1510.8	49.3	40.4	26.4	5.0	+0.7	41	+2	1.0	—0.2	0	1	0	0	0	0	0	1	28
	1200		911.2		1512.8	68.6	52.7	34.9	7.1		29		0.6		0	6	0	0	0	0	0	0	24
Wana	0300	4503	*	—	*	48.8	38.5	18.4	3.8	—0.4	31	—22	1.3	+0.5	0	0	0	2	0	3	0	2	23
	1200		*		*	62.6	47.7	27.7	5.9		27		1.8		0	0	0	11	0	2	0	2	15
QUETTA																							
Fort Sandeman	0300	4614	864.3	+0.9	1542.3	47.1	36.5	14.8	3.2	—0.9	27	—28	0.7	—0.3	1	0	3	3	3	2	2	1	15
	1200		861.1		1515.7	68.1	48.0	15.6	3.4		15		1.2		2	1	1	1	1	4	10	6	4
Hindubagh	0000	5909	*		*	41.5	34.8	23.5	4.5		51		0.5		0	0	0	0	0	4	5	0	21
	0300		822.0		1523.9	43.9	36.6	26.8	4.8		48		1.2		0	0	0	0	0	4	15	0	11
	1200		820.6		1498.1	59.9	*	*	*		*		1.4		0	0	3	1	0	9	17	0	0
Loralai	0000	4699	858.7		1511.6	41.1	35.2	24.5	4.6		52		0.6		0	0	0	0	0	0	15	13	2
	0300		859.5		1519.7	40.1	34.6	25.0	4.6		56		1.1		0	0	0	0	0	0	17	11	2
	1200		857.2		1501.7	64.4	50.8	36.7	7.2		36		1.8		1	0	1	14	9	2	0	3	0
Harnai	0300												0.0				*						
	1200												0.0				*						
Quetta (Samungli)	0000	5213	844.3		1533.2	32.6	28.1	20.0	3.6		63		1.0		0	0	3	5	1	1	1	0	19
	0300		845.6		1545.1	34.1	28.8	19.2	3.5		57		1.7		0	0	7	7	0	0	0	0	16
	1200		843.3		1519.9	60.7	44.8	18.9	4.5		23		1.5		3	0	0	2	0	2	4	18	1

(*) Data rejected.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF NOVEMBER, 1960

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 Opm.	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 Directons Number of Observations From—: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	5a	6	7		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										
Quetta	0300	5490	(b) 837.0	—0.5	(b) 1544.1	(b) 43.9	(b) 37.0	(b) 28.2	5.0	+0.6	52	—3	1.2	0.0	1	1	0	0	(b) 5	1	0	1	21
	1200		833.3		1501.9	61.5	50.6	40.1	8.7		46		1.2		2	0	0	0	1	0	4	12	10
Chaman	0000	4311	871.7		1520.7	47.4	38.8	25.0	4.6		43		0.3		0	0	14	1	0	1	0	0	14
	0300		872.6	—0.8	1528.2	46.7	37.6	22.0	4.1	—0.8	40	—2	0.3	—0.7	0	0	20	1	0	0	0	0	9
	1200		869.0		1500.8	64.7	48.6	26.0	5.2		26		0.7		1	1	0	0	5	4	5	4	10
KALAT (NORTH)																							
Kalat	0000	6616	802.1		1546.3	33.6	30.2	24.3	4.5		71		0.3		1	0	0	4	24	1	0	0	0
	0300		803.4	+0.1	1553.6	39.6	34.6	27.7	5.0	+1.5	63	+15	0.9	—0.1	0	0	0	8	21	1	0	0	0
	1200		801.6		1518.5	57.1	47.0	36.7	7.4		48		0.8		9	0	0	0	0	2	3	16	0
Nushki	0000	3416	*		*	52.7	44.1	31.6	6.4		48		0.9		1	9	16	3	0	0	0	1	0
	0300		907.1		1584.0	58.3	46.9	30.5	6.4		39		0.8		1	11	11	2	1	0	0	0	4
	1200		904.7		1574.4	71.0	55.0	37.9	8.3		32		0.6		1	1	0	0	1	4	3	20	0
Dalbandin	0000	2785	917.3		1504.9	45.5	37.8	24.6	4.6		46		0.7		3	6	2	1	0	1	1	2	14
	0300		922.7	+0.3	1517.2	45.4	37.6	24.1	4.5	—0.4	45	—2	0.9	—0.1	3	9	1	0	0	2	0	0	15
	1200		919.8		1528.0	73.7	54.1	31.4	6.4		23		1.0		0	4	12	1	3	4	2	0	4
KALAT (SOUTH)																							
Panjgur	0000	3177	908.1		1510.3	49.4	40.5	25.0	5.0		41		0.0		1	27	2	0	0	0	0	0	0
	0300		909.2	+0.5	1521.9	50.2	40.1	23.1	4.4	—1.0	35	—14	0.3	—0.6	4	23	1	0	0	1	0	0	1
	1200		906.8		1522.9	73.2	52.8	26.8	5.5		19		0.4		10	1	0	0	0	10	2	7	0
AFGHANISTAN																							
Kabul (R)	0300	5955																					
	1200																						
Kandahar	0300	3462	899.9	—	1515.3	41.0	37.1	31.4	6.0	...	68	...	1.8	...	0	1	1	0	0	0	0	0	28
	1200		897.2		1510.0	61.4	50.3	38.4	8.0		42		1.3		0	0	1	0	2	3	1	1	22

(*) Data rejected. (b) Mean for 20 days. (R) Register not received.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF NOVEMBER, 1960.

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
CHITTAGONG DIVISION																					
Rangamati	84.7		88	5	62.9		55	27	1.68		1.68	1	1		x		0	0	27	0	0
Cox's Bazar (P. T.)	83.4	—1.0	87	5,6	66.6	—0.5	60	26	2.82	—0.44	2.82	1	1	—2.1	x		0	0	0	0	0
Chittagong (Patenga) (g)	83.5		(x)		65.8 (b)		xx		0.00		xxx		x		x		0	0	0	0	0
Chittagong (P.T.)	84.4	+0.8	88	6,2930	65.6	+0.1	xx		2.75	+0.58	2.75	1	1	—1.0	x		0	0	0	0	0
Maijdee Court (R)																					
Comilla (R)																					
Brahmanbaria	82.4	—2.8	85	20,22	65.0	—0.6	59	25	11.2	+0.08	1.12	1	1	—0.5	1.8		0	0	0	0	0
Srimangal (R)																					
Sylhet (P.B.O.) (R)																					
DACCA DIVISION																					
Mymensingh	83.1	+0.2	86	3,9	63.2	—1.3	55	28	0.22	—0.66	0.22	1	1	0.0	0.8	+0.2	0	0	2	0	0
Narayanganj	84.7	+0.8	87	17,19	65.4	—0.7	60	4 days	1.52	+0.57	1.52	1	1	—0.3	1.2	+0.1	0	0	0	0	0
Dacca (Tejgaon)	82.3		84	9 days	61.8		53	24	0.93		0.93	1	1		2.3		0	0	5	0	0
Faridpur	81.5	—0.8	85	3,8	63.5	—0.5	55	24	0.22	—0.88	0.22	1	1	—0.4	1.6	+0.2	0	0	2	0	0
Barisal	82.3	—0.9	85	4,6,7	66.0	+0.4	60	24	3.09	+1.55	3.09	1	1	—0.7	x		0	0	6	0	0
RAJSHAHI DIVISION																					
Khulna	83.0	—0.5	86	11,13,15	64.9	—0.7	59	24	1.45	+0.33	1.45	1	1	—0.8	0.5	—1.1	0	0	0	0	0
Satkhira	83.7	—1.5	86	6 days	62.7	—0.5	55	24	0.50	—0.24	0.50	1	1	—0.2	0.3	—0.6	0	0	0	0	0
Jessore (P.T.)	82.6	—1.6	86	15	60.3	—0.5	52	24	0.20	—0.75	0.20	1	1	—0.1	0.9	—0.1	0	0	0	0	0
Pabna (R)																					
Serajganj	83.1		86	7,15	63.2		56	23,29	0.15	—0.54	0.15	1	1	+0.2	1.0		0	0	0	0	0
Rajshahi (University) (b)	82.9		xx		60.4		xx		0.00	—	0.00	0	0	—			0	0	20	0	0
Bogra (P.B.O.)	83.3	+0.9	86	6.16	62.6	—0.2	56	28,29,30	0.25	—0.52	0.25	1	1	+0.2	*		0	0	0	0	0
Dinajpur	85.0	+2.5	88	5,11,21	59.6	—1.4	53	22,23	0.00	—0.44	0.00	0	0	—0.6	0.0	—1.1	0	0	0	0	0
Rangpur	83.3		87	5	61.0		55	29,30	0.00	—0.40	0.00	0	0	—0.5	1.3		0	0	12	0	0

(*) Data rejected. (R) Register not received. (b) Observation for 29 days. (g) Observation for 24 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF NOVEMBER, 1960.

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
KASHMIR																					
Jammu (z)																					
LAHORE																					
Lahore (P.B.O.)	81.8	—1·1	87	5	48.8	+1.5	40	30	0.00	—0.10	0.00	—	0	—0.3	1.1	+0.3	0	0	0	0	0
„ (Cantt.)	80.9	—	87	2	48.3	—	41	19,30	0.00	—	0.00	—	0	—	1.6	—	0	0	0	0	0
„ (Walton)	81.8	—	88	2	47.9	—	39	30	0.00	—	0.00	—	0	—	2.7	—	0	0	0	0	0
Sialkot	80.6	0.0	89	1	50.7	+1.6	41	24,25	0.00	—0.17	0.00	—	0	—0.4	1.1	+0.5	0	0	0	0	0
RAWALPINDI																					
Jhelum	82.4	—	90	1,2	46.8	—	40	19,30	0.01	—	0.01	12	0	—	1.1	—	0	0	0	0	0
Chaklala	77.0	—	83	4 days	45.2	—	34	30	0.00	—	0.00	—	0	—	3.9	—	0	0	0	1	0
Rawalpindi	77.0	—0.7	84	2,5	44.6	+0.2	36	30	0.00	—0.28	0.00	—	0	—0.5	1.8	+0.7	0	0	0	0	0
Khushab	82.9	+0.1	89	1,2,4	*	—	—	—	0.00	—0.08	0.00	—	0	—0.2	1.6	—0.4	0	0	0	0	0
Sargodha (P.A.F.)	81.1	—	89	1	46.3	—	35	30	0.00		0.00	—	0		1.3	—	0	0	0	0	0
MULTAN																					
Lyallpur	81.6	—0.4	90	3	49.3	+0.2	41	29,30	0.00	—0.11	0.00	—	0	—0.2	1.6	+0.5	0	0	1	0	0
Montgomery	83.3	—0.1	90	1,2,5	48.8	—2.8	41	30	0.00	—0.05	0.00	—	0	—0.2	0.8	—0.9	2	0	0	0	0
Multan (P.B.O.)	82.9	—	91	3,4	47.2	—	37	30	0.00	—	0.00	—	0	—	1.5	—	0	0	0	0	0
„ (Surface)	84.1	+1.2	92	3	52.3	+1.4	43	30	0.00	—0.06	0.00	—	0	—0.1	(x)	—	0	0	0	0	0
BAHAWALPUR																					
Leiah (x)																					
Khanpur (Surface) (x) ...																					
„ (P.B.O.)	85.6	—	94	2	47.1	—	37	30	0.00	—	0.00	—	0	—	0.8	—	0	0	0	0	0
Bahawalpur	85.9	+0.5	94	4 days	49.3	—1.3	39	30	0.00	—0.01	0.00	—	0	0.0	1.4	+0.1	0	0	0	0	0
Fort Abbas	85.5	—	93	4 days	*	—	—	—	0.00	—	0.00	—	0	—	0.7	—	0	0	0	0	0
PESHAWAR																					
Chakdara	72.7	—	82	2	44.3	—	35	28	0.40	—	0.40	13	1	—	(x)	—	1	0	0	0	0
Peshawar	76.8	0.0	85	2	48.7	—0.2	39	29	0.01	—0.30	0.01	13	0	—0.6	1.1	+0.2	0	0	0	0	0
Risalpur	77.4	—	86	1,2	42.8	—	34	18,30	0.15	—	0.15	28	1	—	2.1	—	1	0	6	0	0
Haripur	79.0	—	84	5 days	(b) 48.3	—	38	28	0.00	—	0.00	—	0	—	5.3	—	0	0	0	0	0
Campbellpur (R)																					
D. I. KHAN																					
Kohat	76.8	—	85	2	54.0	—	43	28	0.00	—	0.00	—	0	—	3.9	—	0	0	0	0	0
Bannu	79.4	—0.8	86	1,4	49.9	0.0	41	30	0.00	—0.16	0.00	—	0	—0.2	0.9	—	0	0	0	0	0
D. I. Khan	82.7	+0.8	89	4 days	48.6	—0.1	37	30	0.00	—0.15	0.00	—	0	—0.3	0.4	—0.1	0	0	0	0	0
Mianwali	81.9	—	89	1,4	48.5	—	36	30	0.00	—	0.00	—	0	—	(x)	—	0	0	0	4	0

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

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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 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
QUETTA																					
Sibi	87.5	+1.1	95	1,2,5	51.8	—1.3	41	30	0.00	—0.02	0.00	—	0	—0.1		—	0	0	0	0	0
KALAT (NORTH)																					
Nokkundi	80.8	+0.8	89	5,6,8	50.3	+0.6	39	28	0.00	—0.03	0.00	—	0	—0.1	x	—	0	0	0	0	0
KALAT (SOUTH)																					
Turbat	92.3		99	7	(x)		—		0.00		0.00		0		x		0	0	0	2	0
Jiwani	85.9		91	1,13,19	66.2		61	28,30	0.00		0.00		0		4.8		2	0	7	0	0
Pasni	86.4	+1.0	93	1,2,5	62.8	+2.3	54	29	0.00	—0.14	0.00		0	0.0	5.5	+1.2	0	0	0	0	0
Ormara	87.3	+1.6	93	13	61.0	—2.8	51	29	0.00	0.00	0.00		0	0.0	3.5	—0.5	0	0	0	0	0
Lasbela	95.1	+2.2	99	1	48.8	—4.7	42	28	0.00	0.00	0.00		0	0.0	x		0	0	0	0	0
FEDERAL CAPITAL AREA																					
Karachi (Manora)	88.0	+2.8	93	11	65.3	—1.6	56	30	0.00	—0.08	0.00		0	—0.3	x	—	0	0	0	0	0
Karachi (Mauripur)	89.0		95	12	62.6		54	28	0.00		0.00		0		3.8		0	0	0	0	0
Karachi (City)	91.9		97	4,12	58.7		49	28,29,30	0.00		0.00		0		2.0		0	0	0	0	0
Karachi (P.A.F.) (x)																					
Karachi (Airport)	91.0		96	13	59.9		48	30	0.00		0.00		0		2.8		0	0	0	0	0
HYDERABAD																					
Badin	93.4	+3.2	100	1	56.6	—3.3	42	30	0.00	—0.18	0.00		0	—0.4	x		0	0	0	0	0
Nagarparkar	91.5		96	4 days	64.2		47	29,30	00.0		0.00		0		x		0	0	0	0	0
Umarkot	91.4		97	2,13	54.6		39	30	0.00		0.00		0		2.9		0	0	0	0	0
Chhor	91.9		97	1,13,14	49.7		40	28,29	0.00		0.00		0		1.3		0	0	0	0	0
Hyderabad	90.5	+1.7	98	5	61.0	+2.2	52	29,30	0.00	—0.06	Trace	11	0	—0.1	1.3	—1.8	0	0	0	0	0
KHAIRPUR																					
Padidan	88.2		96	7	49.5		39	30	0.00		0.00		0		2.3		0	0	0	0	0
Nawabshah	89.1		96	2	51.4		42	30	0.00		0.00		0		1.0		0	0	0	0	0
Sukkur	83.7	—2.5	96	2	56.5	—1.6	45	28	0.00	0.00	0.00		0	0.0	1.5	—0.8	0	0	0	0	0
Kashmore	87.0		94	3,4	50.0		40	30	0.00		0.00		0		*		0	0	0	0	0
Jacobabad	86.7	+0.8	94	1	52.8	—1.7	39	29	0.00	—0.05	0.00		0	—0.1	2.1	—0.1	0	0	0	0	0
JUNAGADH																					
Veraval	x				(m) 67.1				(c) 0.00		0.00		0		x		0	0	0	0	0
AFGHANISTAN																					
Jalalabad (x)																					
ARABIA																					
Muscat (x)																					
HILL STATIONS																					
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					

(*) Data rejected. (x) Data not available. (c) Mean of 28 days. (m) Mean for 11 days.

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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 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
KASHMIR—(*continued*)																					
Misgar	43.8	—	53	4 days	21.7	—	10	30	0.03	—	0.01	12,13 22	0	—	2.6	—	0	0	0	0	0
Aliabad(x)																					
Gilgit(x)																					
RAWALPINDI																					
Murree	56.2	—3.3	68	11	39.0	—2.0	28	28	0.27	—0.46	0.10	28	1	—0.2	4.7	+1.4	0	0	0	0	0
PESHAWAR																					
Drosh	61.8	—2.3	77	6	43.3	—0.3	35	28	1.14	+0.80	0.39	12	4	+2.8	3.0	+1.4	0	0	0	0	0
Cherat	65.7	+0.3	76	1	48.7	—1.0	39	28,29	0.24	—0.13	0.24	28	1	+0.4	7.3	+1.2	0	0	0	0	0
Kakul	68.3	—	77	8	48.0	—	38	28,30	0.32	—	0.16	13	2	—	x	—	0	0	0	0	0
Balakot	70.7	—	79	3	44.5	—	35	29	0.79	—	0.39	28	3	—	1.2	—	1	0	0	0	0
Landikotal	67.0	—	77	1	41.6	—	28	28	0.11	—	0.09	12	0	—	x	—	0	0	0	0	0
D. I. KHAN																					
Parachinar	65.4	+0.7	73	1	37.9	—1.4	27	28	1.75	+1.35	1.40	11	3	+1.8	2.3	+0.5	0	0	0	0	0
Miranshah	72.8	—0.6	80	1	44.5	—1.9	36	29	0.00	—0.02	0.00	—	0	0.0	1.6	—1.6	0	0	0	0	0
Wana	67.6	—2.5	75	4 days	*	—	—	—	0.00	—0.07	0.00	—	0	—0.2	0.8	—	0	0	0	0	0
QUETTA																					
Fortsandeman	69.8	—1.6	79	4,5	42.3	+1.2	31	29,30	0.09	—0.04	0 09	13	0	—0.2	x		0	0	0	0	0
Hindubagh	62.1		73	7	*		—		0.02		0.02	11	0		5.3		0	0	0	0	0
Loralai	69.7		78	1,5	37.0		27	29	0.00	—0.16	0.00		0	—0.5	3.0		0	0	0	0	0
Harnai									0 00	—0.18	0.00		0	—0.3	x		0	0	0	0	0
Quetta Samungli	64.4		74	8,9	28.9		13	28	0.23		0.13	12	2		3.2		0	0	1	0	0
Quetta	62.2		73	8	32.1		16	28	0.00		0.00		0		2.4	+0.9	0	0	0	0	0
Chaman	68.2	+0.6	77	9	41.9	—1.5	26	28	0.25	+0.02	0.21	11	1	+0.3	x		0	0	0	0	0
KALAT (NORTH)																					
Kalat	62.2	—1.5	73	7	31.1	+0.5	15	29	0.00	—0.23	0.00		0	—0.8	x		0	0	0	0	0
Nushki	73.9		84	8	51.0		33	29	0.00		0.00		0		x		0	0	0	0	0
Dalbandin	76.7	+0.4	88	8	41.0	+0.5	26	28,29,30	0.00	—0.06	Trace	11	0	—0.2	2.8	+0.4	0	0	0	0	0
KALAT (SOUTH)																					
Panjgur	76.0	+0.1	85	8	47.1	+1.5	32	29,30	0.00	—0.05	0.00	—	0	—0.2	x		0	0	0	0	0
AFGHANISTAN																					
Kabul (R)																					
Kandahar	66.7	—	75	3,8,9	37.2	—	25	28	0.05	—	0.03	11	0	—	0.4	—	0	0	0	0	0

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

REGD. No. S. - 1452

PAKISTAN WEATHER REVIEW, 1960

MONTHLY WEATHER REPORT

December

(PUBLISHED BY THE AUTHORITY OF THE GOVERNMENT OF PAKISTAN)

Chief Features:

1. Five western disturbances affected weather in West Pakistan, the last two being more active.

2. The weather in East Pakistan was mainly dry.

West Pakistan

The first western disturbance which moved from southeast Iran to south Kalat Division and weakened into a trough caused only scattered rain or drizzle in Quetta and Kalat Divisions on the 12th and 13th.

The next two western disturbances which moved across the extreme north of the region at the beginning of the second fortnight again caused only local light rain in Peshawar and Rawalpindi Divisions and scattered thundershowers in D. I. Khan, Multan, Bahawalpur and Khairpur Divisions, between the 15th and the 17th.

Towards the end of the month two more western disturbances moved in close succession across the north of the region. While the secondary of the first moved across the North Arabian Sea, the secondary of the other passed over the northern divisions. They caused scattered light rain/drizzle in Peshawar Division on the 27th and scattered rain/thundershowers in Quetta and south Kalat Divisions on the 28th. The system caused fairly widespread rain/thundershowers in West Pakistan outside Kalat Division and Federal Capital Area on on the 30th in Peshawar and D. I. Khan Divisions on the 29th and in Khairpur Division on the 28th. Scattered to local rain/thundershowers were also reported from other parts of the region during the last three days of the month. Heavy snowfall also occurred in the hills of Quetta, Peshawar, D. I. Khan and Rawalpindi Divisions. Temperatures were generally appreciably above normal over West Pakistan during the month.

Outstanding amount of rainfall were:—Parachinar 1-1/2" on the 16th, Ormara 1-1/2" on the 29th, D. I. Khan 2" on the 30th and Cherat 4" on 31st.

The total rainfall during the month was in large defect in the Bahawalpur and the Hyderabad Divisions and the Federal Capital Area, in slight excess in the Rawalpindi Division, in moderate excess in the Lahore Division and in large excess elsewhere. Averaged over the region, it was in large excess.

The mean maximum temperature was above normal in the Rawalpindi, and the Peshawar and the D. I. Khan Divisions and normal elsewhere. The mean minimum temperature was below normal in the D. I. Khan, Quetta, Hyderabad and Khairpur Divisions, Federal Capital Area and normal over the rest of theregion.

The mean relative humidity was in defect in the Lahore, Peshawar, D. I. Khan, Quetta and the Kalat Divisions and the Federal Capital Area, in excess in the Hyderabad Division and normal elsewhere.

Cloudiness was in defect in the Lahore, Peshawar, D. I. Khan, and Quetta Divisions, normal in the Rawalpindi and the Multan Divisions and in excess elsewhere.

East Pakistan

The weather was dry over the region during the month, except on the 2nd when a westerly low pressure wave moved across Chittagong Division and caused scattered rain over there.

Total rainfall during the month was in large defect over the region.

The mean maximum temperature was above normal in the Rajshahi Division and normal elsewhere. The mean minimum temperature was normal in the Rajshahi Division and above normal over the rest of the region.

The mean relative humidity and the cloudiness was normal in the region except in the Chittagong Division where mean cloudiness was in excess.

Table I contains the divisional means of rainfall, temperature, humidity and cloud amount for the 15 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 MEANS FOR DECEMBER 1960.

Division	PRECIPITATION				DEPARTURE FROM NORMAL OF				
	Actual	Normal	Departure from normal	Percentage departure from normal	Maximum temperature	Minimum temperature	0300 hrs. G. M. T.		
							Vapour pressure	Relative humidity	Cloud
1	2	3	4	5	6	7	8	9	10
	"	"	"		°	°	Mb.	%	
EAST PAKISTAN									
Chittagong	0.03	0.55	—0.52	—95	+0.9	+2.7	+1.6	—1	+0.4
Dacca	0.00	0.17	—0.17	—100	+1.8	+2.0	+0.7	—3	—0.1
Rajshahi	0.00	0.11	—0.11	—100	+2.7	+1.1	+0.8	—1	—0.3
Mean	0.01	0.26	—0.25	—96	+1.9	+1.9	+1.0	—2	0.0
WEST PAKISTAN									
Kashmir (x)									
Lahore	0.79	0.59	+0.20	+34	—0.4	—0.1	—0.7	—9	—0.5
Rawalpindi	1.34	1.16	+0.18	+16	+2.9	+0.7	—0.5	0	—0.1
Multan	0.93	0.25	+0.68	+272	+1.6	—1.7	—1.5	+2	—0.4
Bahawalpur	0.08	0.22	—0.14	—64	+0.8	—1.4	+0.3	+4	+0.6
Peshawar	2.83	1.14	+1.69	+148	+3.4	+0.5	—0.6	—8	—0.7
D. I. Khan	1.86	0.65	+1.21	+186	+3.1	—2.2	—1.2	—11	—0.6
Quetta	1.09	0.70	+0.39	+56	+1.9	—2.0	—2.0	—18	—0.9
Kalat	0.81	0.62	+0.19	+31	0.0	—1.2	—0.9	—12	+0.4
Federal Capital Area	0.00	0.20	—0.20	—100	0.0	—3.0	—0.4	—1	+1.2
Hyderabad	0.03	0.12	—0.09	—75	+1.3	—2.4	+0.3	+11	+0.6
Khairpur	0.39	0.10	+0.29	+290	+0.1	—3.0	—1.5	—2	+1.2
Mean	0.92	0.54	+0.38	+70	+1.2	—1.4	—0.8	—2	+0.1
Junagadh (x)									

(x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1960.

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
EAST PAKISTAN	GMT.	Ft.	Mb.	Mb.	Mb.	°F	°F	°F	Mb.	Mb	%	%	oktas										
Chittagong Division																							
Rangamati	0000	208	1008.2		1015.7	57.1	56.9	56.6	15.8		99		7.0		18	0	4	2	0	2	2	3	0
	0300		1010.1		1017.6	64.2	61.9	60.2	17.8		87		3.2		10	2	1	0	10	1	1	6	0
	1200		1006.7		1014.0	73.7	65.4	59.9	17.6		62		2.5		15	3	2	0	2	2	7	0	0
Cox's Bazar (P.T.)	0300																						
		35	1014.5	—0.2	1015.8	72.3	67.0	63.5	20.1	+1.1	75	—3	2.3	—0.6	7	18	3	0	0	0	1	2	0
	1200		1011.7		1013.1	72.9	67.8	64.7	20.9		76		2.5		19	3	0	0	0	1	1	6	1
Chittagong (Patenga)	0000	20	1013.9		1014.6	61.9	60.8	59.8	17.7		93		1.8		3	11	1	0	0	0	0	1	15
	0300		1015.8		1016.5	68.8	64.1	60.9	18.4		76		1.8		3	10	2	0	0	0	0	0	16
	1200		1012.7		1013.4	72.7	66.2	61.8	19.1		69		2.3		1	0	0	0	0	0	12	5	13
Chittagong																							
	0300	46	1014.9	—0.2	1016.5	70.4	64.9	61.7	18.5	—0.6	73	—9	2.0	+0.4									
	1200		1011.8		1013.4	72.4	65.5	61.3	18.3		67		2.3										
Maijdee Court (R)	0000	25																					
	0300																						
	1200																						
Comilla (R)	0000	29																					
	0300																						
	1200																						
Brahmanbaria	0000	32	1013.6		1014.7	(g) 61.4	(g) 60.2	(g) 59.2	(g) 17.3		(g) 93		0.9		1	0	0	0	0	1	0	0	29
	0300		1015.6		1016.7	69.1	65.0	62.4	19.3	+2.3	79	+8	1.2		1	4	1	1	0	3	1	0	20
	1200		1012.1		1013.2	71.5	67.5	65.2	21.2		80		1.9		0	0	0	0	0	0	0	0	31
Srimangal	0000	69	1012.7		1015.2	52.8	52.2	51.5	13.1		95		1.5		0	0	0	0	0	0	0	0	31
	0300		1014.2	—0.5	1016.7	65.8	62.5	60.4	17.8	+2.3	83	—1	1.5	+0.2	0	0	0	0	0	0	0	0	31
	1200		1010.5		1013.0	68.1	64.8	62.9	19.4		83		2.1		0	0	0	0	0	0	0	0	31
Sylhet (P.H.Q.) (R)	0000	115																					
	0300																						
	1200																						
Dacca Division																							
Mymensingh	0000	62	1012.8		1015.1	(f) 58.9	(f) 57.5	(f) 56.2	(f) 15.5		(f) 91		0.5		0	0	0	0	0	0	2	0	29
	0300		1014.9	—0.5	1017.1	65.0	62.1	60.0	17.7	—1.3	84	+1	0.9	—0.6	0	1	3	14	0	0	4	0	9
	1200		1011.1		1013.3	(d) 72.2	(d) 64.7	(d) 59.5	(d) 17.5		(d) 65		1.6		0	0	1	2	0	0	1	0	27
Narayenganj	0000	26	1013.8		1014.7	59.9	58.6	57.4	16.2		92		0.6		0	0	0	0	0	0	0	0	31
	0300		1015.9	—0.4	1016.7	67.9	62.9	59.2	17.3	+0.7	75	—3	1.2	—0.3	2	0	1	0	0	0	0	4	24
	1200		1012.2		1013.0	71.8	64.8	60.2	17.8		67		2.1		0	0	0	0	0	0	1	0	30
Dacca (Tejgaon)	0000	32	1013.1		1014.3	55.9	55.1	54.3	14.4		95		1.7		0	0	0	0	0	1	5	4	21
	0300		1015.2		1016.4	66.2	62.4	59.7	17.5		80		1.5		6	0	1	1	0	3	3	2	15
	1200		1011.9		1013.0	69.9	63.7	59.5	17.3		69		2.3		0	0	0	0	0	3	15	1	12

(R) Register not received. (f) Data for 25 days. (d) Data for 27 days. (g) Data for 24 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1960.

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 O gm	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 Division (*contd.*)																							
Faridpur	0000	46	1013.4		1015.1	57.5	56.4	55.3	15.1		92		1.4		3	2	0	0	0	0	0	2	24
	0300		1015.1	—0.5	1016.8	65.9	61.8	58.8	17.0	+0.6	77	—3	1.7	+0.7	11	2	0	0	0	0	2	9	7
	1200		1011.5		1013.1	70.5	65.2	61.5	18.8		73		1.4		0	0	0	0	0	0	0	0	31
Barisal	0000	11	1014.5		1014.9	60.2	58.3	56.8	15.8		89		0.6		0	0	0	0	0	0	0	0	31
	0300		1016.2	—0.2	1016.6	69.6	64.1	60.0	17.9	+0.3	73	—6	0.8	—0.3	6	4	0	0	0	0	0	0	21
	1200		1012.7		1013.1	75.0	66.8	61.0	18.8		62		1.0		0	0	0	0	0	0	0	0	31
Rajshahi Division																							
Khulna	0000	16	1014.2		1014.8	59.2	58.5	57.9	16.4		96		0.4		0	0	0	0	0	0	0	0	(a) 30
	0300		1016.4	—0.6	1017.0	69.5	64.4	61.0	18.3	+2.3	75	+8	0.8	—0.5	0	1	0	0	0	0	0	0	(a) 29
	1200		1013.1		1013.7	71.8	66.3	62.9	19.6		73		0.6		0	0	0	0	0	0	0	0	31
Satkhira	0000	16	1014.8		1015.4	55.8	54.6	53.5	14.0		92		0.6		0	0	0	0	0	0	0	0	31
	0300		1016.7	—0.1	1017.3	66.0	60.3	55.6	15.3	—0.5	70	—5	1.0	—0.1	0	0	0	0	0	0	0	0	31
	1200		1013.0		1013.6	72.7	67.4	63.9	20.5		75		1.3		0	0	0	0	0	0	0	0	31
Jessore (P.T.) R	0000	26																					
	0300																						
	1200																						
Pabna (R)	0000	48																					
	0300																						
	1200																						
Serajganj	0000	51	1012.1		1014.0	58.2	56.9	55.5	15.2		92		0.6		0	0	0	0	0	0	0	2	29
	0300		1014.6	—	1016.5	67.5	62.3	58.5	16.8	—	73		1.1	—	0	0	0	0	0	0	0	6	25
	1200		1011.0		1012.8	69.6	64.8	61.9	18.7		77		2.0		0	0	0	0	0	0	0	0	31
Rajshahi	0000	73	1012.6		1015.2	(f) 55.5	(f) 53.5	(f) 51.6	(f) 13.1		(f) 87		1.0		2	0	0	0	0	0	0	5	24
	0300		1014.7	—	1017.3	62.7	58.2	54.7	14.5	—	75	—	1.1	—	4	0	0	0	0	0	0	13	14
	1200		1011.0		1013.6	72.1	65.4	60.6	18.4		68		1.4		4	0	0	0	0	0	0	7	20
Bogra (P.B.O.)	0000	65	1012.2		1014.4	56.6	55.7	54.7	14.8		94		0.9		0	0	0	0	0	0	0	1	30
	0300		1014.4	—0.9	1016.7	64.7	60.8	57.9	16.4	+1.1	79	+3	1.4	+0.3	10	1	0	0	0	0	3	1	16
	1200		1010.6		1012.8	71.3	65.2	61.0	18.5		71		2.0		0	2	0	0	0	0	3	1	25
Dinajpur	0000	121	1010.2		1014.7	54.8	53.3	51.5	13.2		89		0.2		0	0	0	0	0	0	0	0	31
	0300		1012.5	—0.8	1016.9	65.2	59.4	54.9	14.7	+0.2	70	—11	0.2	—0.8	0	0	0	0	0	0	0	0	31
	1200		1008.2		1012.5	73.5	64.7	58.7	16.8		61		0.2		0	0	0	0	0	0	0	0	31
Rangpur	0000	113	1011.1		1015.3	(k) 55.8	(k) 54.8	(k) 53.7	(k) 14.2		(k) 93		0.5		2	0	1	0	0	1	4	0	23
	0300		1013.0	—	1017.1	63.5	61.5	59.9	17.7	—	88		0.6	—	3	18	1	0	0	1	2	2	4
	1200		1009.1		1013.1	(c) 69.1	(c) 65.9	(c) 63.6	(c) 20.4		(g) 83		0.7		0	0	0	0	0	0	0	0	31

(R) Register not received. (a) Data for 30 days. (k) Data for 29 days. (c) Data for 28 days. (f) Data for 25 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1960.

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 geopotential of 8.50/700 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										
KASHMIR																							
Jammu (x)	0300	1200																					
	1200																						
LAHORE																							
Lahore (P.B.O.)	0000	702	991.5		1017.6	41.9	40.5	38.7	8.0		88		1.1		1	1	0	1	0	0	1	2	25
	0300		993.2	—1.0	1019.2	43.7	41.8	39.2	8.2	0.7	85	0	2.2	—0.2	1	1	0	2	0	0	1	3	23
	1200		991.1		1016.1	64.9	54.6	44.1	10.0		47		2.3		2	1	0	1	0	0	0	3	24
,, (Cantt.)	0000	709	991.1		1017.5	42.0	39.9	36.7	7.4		82		1.1		1	1	1	0	0	0	0	4	24
	0300		992.9	—	1018.9	44.7	41.4	36.7	7.4	—	74	—	2.2	—	4	0	2	0	0	0	1	2	22
	1200		990.4		1015.5	64.8	53.4	40.8	8.9		42		1.9		2	1	0	0	1	0	2	7	18
,, (Walton)	0000	699	991.2		1017.2	41.3	39.4	36.7	7.4		83		0.7		0	2	0	0	0	0	0	2	27
	0300		992.9		1018.9	43.0	40.4	36.7	7.4	—	78	—	2.3	—	1	0	0	3	1	1	0	5	20
	1200		990.8		1015.6	65.7	55.0	43.9	10.5		46		2.3		1	1	0	2	0	0	3	18	6
Sialkot	0000	830	(a) 986.3		(a) 1016.8	(a) 45.5	(a) 43.5	(a) 40.8	8.7		84		0.6		0	3	0	0	0	0	(i) 0	0	21 (i)
	0300		998.5	—0.4	1018.7	52.6	47.3	40.7	8.7	—0.6	65	—19	1.4	—0.7	0	4	0	1	0	0	0	2	18 (i)
	1200		985.8		1015.3	63.6	54.9	47.3	10.8		55		2.3		0	0	0	0	0	0	0	2	23
RAWALPINDI																							
Jhelum	0000	765	988.8		1017.3	41.0	39.2	36.8	7.4		85		1.2		0	1	0	0	1	0	0	3	26
	0300		990.5	—	1018.9	41.8	39.4	35.8	7.1	—	80	—	2.5	—	1	0	0	2	0	0	0	3	25
	1200		988.4		1015.7	63.6	53.5	42.5	9.5		48		2.7		0	4	0	0	1	0	0	5	21
Chaklala	0000	1667	958.3		1019.5	38.8	35.4	29.8	5.7		71		1.9		3	1	0	0	0	1	4	13	9
	0300		959.7	—	1021.0	38.6	35.3	29.9	5.7	—	72	—	3.0	—	2	2	0	1	0	0	2	7	17
	1200		958.0		1016.5	61.9	47.9	29.5	5.8		31		3.0		1	0	1	1	1	2	19	2	4
Rawalpindi	0000	1676	958.8		1019.6	38.6	36.4	33.0	6.4		80		1.7		8	0	1	0	0	4	1	0	17
	0300		959.2	—0.4	1020.7	39.1	36.9	33.3	6.6	—0.4	80	+4	2.7	+0.1	3	2	1	0	0	0	0	9	16
	1200		957.7		1016.5	60.5	48.9	35.1	6.3		40		2.8		0	0	1	0	3	8	13	1	5
Khushab	0000	616	*		*	41.5	39.0	35.1	6.9		78		0.6		0	2	11	0	0	0	0	0	18
	0300		996.4	—0.8	1019.3	44.6	40.3	34.1	6.5	—0.1	66	+5	1.7	—0.8	0	2	4	0	0	0	0	0	25
	1200		994.1		1015.9	69.0	54.7	38.8	8.2		34		1.8		0	2	6	0	0	0	2	0	21
Sargodha (R)	0000	617																					
	0300																						
	1200																						
MULTAN																							
Lyallpur	0000	605	995.3		1017.8	42.4	40.6	38.9	7.8		85		0.9		0	0	0	1	0	0	0	1	29
	0300		996.4	—0.4	1019.0	41.8	40.1	37.9	7.6	—0.9	85	+9	1.5	—1.7	0	1	1	0	0	2	3	1	23
	1200		994.9		1016.4	66.4	54.1	40.7	8.8		40		1.9		1	1	1	0	0	6	6	2	14
Montgomery	0000	558	(c) 997.2		(c) 1018.1	40.7	39.7	38.2	7.8		91		0.6		0	1	0	1	1	0	0	0	28
	0300		998.1	—0.6	1018.7	45.3	42.2	37.5	7.7	—1.1	76	—1	1.6	—0.2	1	2	1	1	0	3	0	2	21
	1200		996.5		1016.2	69.9	55.4	39.4	8.5		34		1.3		0	2	0	3	0	3	0	3	20
Multan (P.B.O.)	0000	404	1002.5		1017.8	42.6	39.9	36.0	7.1		77		1.5		1	0	0	1	0	0	0	0	29
	0300		1001.1	—	1019.4	42.6	39.7	35.5	7.0	—	76	—	2.5	—	1	0	1	1	1	0	0	1	26
	1200		1002.0		1016.5	66.5	54.0	40.3	8.7		39		2.6		2	0	0	1	0	0	0	0	28
Multan (S)	0300	413	1003.9	—0.2	1019.1	47.9	43.7	38.1	7.8	—2.4	69	—3	2.4	+0.6	2	0	0	0	1	0	0	1	27
	1200		1001.6		1016.2	68.2	54.6	39.8	8.5		36		2.6		2	0	0	0	0	0	0	0	29

(a) Mean for 30 days. (i) Mean for 24 days. (f) Mean for 25 days. (c) Mean for 28 days. (R) Register not available. (x) Data not received. (*) Data rejected.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1960.

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										
BAHAWALPUR																							
Lolab (R)	0000	487																					
	0300																						
	1200																						
Khanpur (P.B.O.)	0000	290	1006.2		1017.1	43.1	41.1	38.3	7.9		83		1.0		4	4	0	0	0	1	0	1	21
	0300		1008.2		1019.0	47.6	43.7	38.4	8.1		71		1.8		2	6	0	0	2	0	0	0	21
	1200		1003.3		1015.7	69.0	55.2	40.6	9.3		38		2.5		4	9	0	1	0	1	0	1	15
Bahawalpur	0300	384	1004.9	0.0	1019.1	48.7	45.6	41.3	9.0	+0.3	78	−4	2.5	+0.6	0	4	5	8	3	1	0	1	9
	1200		1002.1		1015.6	67.7	59.7	49.2	11.8		51		2.5		2	5	1	0	1	0	0	0	22
Fort Abbas	0000	475	1000.6		1018.2	42.7	39.6	31.8	6.8		75		0.1		13	2	1	0	0	0	1	0	14
	0300		1001.8 (a)		1019.3 (x)	47.7	42.4	34.2	6.9		61		0.4		6	3	3	0	3	0	0	0	16
	1200		999.3		1016.2	69.5	55.6	40.3	8.9		36		0.4		11	3	1	1	0	0	1	1	13
PESHAWAR																							
Chakdara	0000	2197	940.3		1020.2	39.3	36.6	32.2	6.3		76		1.3		13	0	10	0	1	1	4	0	2
	0300		941.1		1020.9	39.8	36.5	31.3	6.0	—	73	—	1.5		10	0	3	0	0	0	1	0	17
	1200		938.9		1015.5	57.4	48.4	38.1	7.8		49		1.4		1	0	2	0	0	1	6	0	21
Peshawar	0000	1177	976.1		1019.2	43.5	33.5	29.4	5.7		59		1.7		0	0	0	7	10	1	0	0	13
	0300		977.4	−0.6	1020.6	43.0	38.4	30.1	5.8	−0.	62	−3	3.0	−1.0	0	0	1	1	12	1	2	0	14
	1200		975.5		1017.2	61.6	51.3	39.0	8.3		44		2.9		1	0	1	1	0	1	1	3	23
Risalpur	0000	1047	980.4		1019.1	38.6	36.5	32.8	6.4		81		2.2		1	2	0	1	0	3	9	4	11
	0300		981.5	—	1020.1	39.9	36.8	33.0	6.5	—	81	—	2.9		1	2	4	0	1	3	3	3	14
	1200		979.6		1016.5	61.7	50.0	34.8	7.1		38		3.0		2	2	3	0	0	2	7	5	10
Haripur	0300	1757	955.8	—	1019.4	45.4	39.1	29.8	5.6	—	54	—	2.2		0	4	0	4	0	19	0	4	0
	1200		954.1 (b)		1015.3	63.5	54.1	44.5	10.6		53		1.5		0	8	0	5	0	15	0	0	0
Campbellpur (R)	0300	1175																					
	1200																						
D. I. KHAN																							
Kohat	0000	1667	959.1		1019.1	49.7	39.3	21.8	4.1		34		1.5		0	0	0	0	0	0	1	18	12
	0300		960.7	—	1020.8	48.2	39.1	22.6	4.5	—	38	—	2.8	—	0	1	1	2	0	0	0	12	15
	1200		959.1		1017.5	63.2	49.1	32.0	6.2		32		2.9		2	5	0	0	0	0	0	2	22
Bannu	0000	1263	971.9		1018.6	43.0	39.1	32.6	6.3		67		0.7		0	0	0	0	0	0	0	1	30
	0300		973.2	—	1019.6	45.1	39.7	30.3	5.5	−1.1	57	−3	1.5	−0.7	1	1	0	1	0	1	3	9	15
	1200		971.7		1016.2	65.1	54.2	42.5	9.5		44		2.3		0	0	0	4	1	2	1	2	21
D. I. Khan	0000	570	996.1		1017.4	42.4	39.4	35.1	6.9		74		1.1		0	0	0	0	0	0	0	0	31
	0300		997.9	−0.7	1019.2	43.5	39.4	32.2	6.4	−1.0	67	−5	2.5	+0.2	0	0	0	0	0	0	0	0	31
	1200		996.0		1016.2	66.7	56.8	47.6	11.3		50		1.7		2	0	0	0	0	0	0	1	28
Mianwali	0000	679	992.7		1018.0	41.1	37.8	32.7	6.2		70		1.3		1	1	0	0	0	0	0	0	29
	0300		994.5	—	1019.6	42.7	38.6	32.0	6.1	—	67	—	2.3	—	1	1	0	0	0	0	0	0	29
	1200		991.7		1015.9	64.7	54.2	43.3	9.6		46		2.0		1	0	1	1	0	0	0	0	28

(b) Mean for 24 days. (R) Data not received. (x) Data not available. (a) Mean for 29 days.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1960.

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 8,50/700 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										
QUETTA																							
Sibi	0000	441	1001.7		1018.0	46.1	39.4	27.3	5.3		49		1.5		*	*	*	*	*	*	*	*	*
	0300		1002.8	+0.6	1019.3	44.8	38.6	27.2	5.2	—1.3	51	+1	2.7	+0.4	*	*	*	*	*	*	*	*	*
	1200		1000.2		1015.7	72.9	53.5	26.2	5.3		19		3.4		*	*	*	*	*	*	*	*	*
KALAT (NORTH)																							
Nokkundi	0000	2229	940.4		1020.8	42.4	34.5	19.0	3.8		40		1.1		8	2	0	1	1	0	0	16	3
	0300		942.4		1023.2	42.3	34.6	20.0	3.8	—2.1	41	—13	1.6	—1.1	14	3	0	2	1	0	2	7	2
	1200		939.9		1016.6	66.4	50.1	29.2	5.9		26		1.5		3	0	7	7	8	1	0	2	3
KALAT (SOUTH)																							
Turbat	0000	510	997.6		1016.2	56.2	47.3	33.2	7.2		47		1.4		0	2	19	3	0	0	0	0	7
	0300		999.6		1018.1	58.4	47.5	29.5	6.3		38		1.6		0	5	16	3	0	0	0	0	7
	1200		996.1		1013.8	78.6	57.3	31.5	6.5		20		1.0		1	6	3	0	1	1	7	8	4
Jiwani	0000	185	1009.7		1016.3	62.2	55.9	49.0	12.4		65		2.1		8	12	0	1	1	0	0	4	5
	0300		1011.0		1017.6	63.0	55.8	49.3	12.0		61		3.1		9	11	1	0	2	0	0	3	5
	1200		1009.2		1015.6	74.9	61.3	50.3	12.4		41		2.9		1	1	2	6	6	7	8	0	0
Pasni	0000	28	1014.8		1015.8	60.2	55.9	51.4	13.3		75		2.0		7	1	0	0	0	0	6	13	4
	0300		1016.3	—0.6	1017.3	59.5	55.2	50.9	12.9	—1.2	76	+1	4.1	+2.3	4	2	1	0	0	0	4	13	7
	1200		1014.0		1015.0	74.8	66.2	59.8	18.1		61		3.9		1	0	4	6	10	8	1	1	0
Ormara	0000	15	1015.5		1016.0	58.8	55.6	52.8	13.7		82		1.9		1	1	0	2	1	0	2	1	23
	0300		1016.7	—	1017.2	60.1	56.5	53.1	14.0	—1.0	79	+2	2.3	+0.2	0	0	2	3	0	0	3	0	23
	1200		1014.3		1014.8	75.4	66.2	60.3	17.9		61		2.5		0	1	1	4	1	2	14	2	6
Lasbela	0000	292	*		*	*	*	*	*		*		2.2		*	*	*	*	*	*	*	*	*
	0300		*	—	*	79.9	66.5	56.2	16.1	+5.1	46	—15	1.8	0.5	*	*	*	*	*	*	*	*	*
	1200		*		*	84.2	69.4	59.0	17.9		43		1.2		*	*	*	*	*	*	*	*	*
FEDERAL CAPITAL AREA																							
Karachi (Manora)	0000	13	1015.2		1015.7	59.0	52.4	45.4	10.5		62		2.6		2	19	1	0	0	0	0	0	9
	0300		1016.8	—0.7	1017.3	61.1	54.5	47.1	11.5	—0.4	61	—1	3.0	+1.2	2	22	4	0	0	0	0	0	3
	1200		1014.2		1014.7	74.6	66.0	60.5	18.0		63		2.9		0	6	2	0	0	0	22	1	0
Karachi (Mauripur)	0000	52	1013.7		1015.6	56.8	49.3	39.1	8.6		56		0.9		6	10	0	0	0	0	0	0	15
	0300		1015.1		1017.0	56.5	48.3	36.3	7.9		52		2.9		9	14	1	0	0	0	0	0	7
	1200		1012.8		1014.6	75.2	59.4	43.1	10.2		36		2.9		0	5	3	1	1	12	7	2	0
Karachi (City)	0300	20	1016.3		1017.0	58.9	53.3	47.9	11.4		68		2.7		6	18	3	0	0	0	0	2	2
	1200		1013.5		1014.2	74.3	65.0	58.3	16.9		59		3.5		1	5	3	0	0	13	7	1	1
Karachi (S)	0000	38																					
	0300																						
	1200																						
Karachi (Airport)	0000	73	1013.0		1015.8	54.5	48.2	39.9	8.7		60		1.1		11	2	0	0	0	0	0	2	16
	0300		1015.1		1017.9	55.1	48.4	39.7	9.0		59		3.3		7	6	0	0	0	0	0	2	16
	1200		1012.2		1014.8	75.7	60.8	46.7	11.5		39		3.4		0	8	4	0	3	11	4	0	1
HYDERABAD																							
Badin	0000	31	1014.8		1016.0	49.0	46.4	43.0	9.6		82		0.0		6	4	0	5	0	9	0	7	0
	0300		1016.7	+0.4	1017.9	53.0	50.4	47.2	11.3	+1.3	83	+2.2	0.3	—1.0	9	4	0	2	0	10	1	5	0
	1200		1013.6		1014.7	78.7	66.2	55.2	16.4		50		0.5		17	0	1	2	2	6	0	0	3
Nagarparkar	0000	178 (Prov)	1007.1		1013.4	62.2	52.4	40.3	9.1		47		0.2		0	0	0	0	0	0	0	1	30
	0300		1008.7		1015.0	62.2	53.3	42.8	9.9		52		0.8		5	0	0	1	0	0	0	2	25
	1200		1005.8		1011.9	80.8	63.9	49.5	12.7		36		1.1		2	4	0	3	2	1	0	3	16

(*) Data rejected (S) Observation suspended.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1960.

DIVISION AND STATION	Hours of observation.	Height of bar cistern above mean sea level.	Mean Pressure: Station level reduced to standard 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
Umarkot	0000	55	1013.0		1015.0	50.0	44.5	36.9	7.5		62		1.9		12	12	1	0	0	1	0	0	5
	0300		1014.6		1016.6	51.6	45.7	37.4	7.8		59		3.3		11	9	0	0	0	1	0	1	9
	1200		1011.6		1013.5	77.9	62.5	50.0	12.3		39		3.9		8	1	1	0	0	1	3	12	5
Chhor	0000	19	1014.7		1015.4	47.3	42.6	35.7	7.2		65		1.6		1	1	0	0	0	0	0	0	29
	0300		1016.6		1017.3	52.0	44.5	32.9	6.7		50		2.6		5	5	0	1	0	0	1	0	19
	1200		1013.5		1014.2	77.7	57.8	35.9	7.4		23		3.5		4	6	0	0	0	5	2	2	12
Hyderabad	0000	98	1012.7		1016.3	54.6	48.1	40.2	8.5		59		1.5		22	2	0	0	0	0	1	0	6
	0300		1014.5	−0.3	1018.1	54.1	47.6	39.3	8.3	−0.8	58	0	3.6	+2.2	23	2	0	0	0	0	0	0	6
	1200		1011.5		1014.9	74.2	57.5	40.5	8.7		31		3.3		15	2	0	0	0	1	2	0	11
KHAIRPUR																							
Padidan	0000	153	1011.0		1016.7	45.6	43.8	41.3	8.9		86		0.7		9	2	0	0	0	0	0	5	15
	0300		1013.0		1018.7	44.9	42.8	39.9	8.4		84		1.5		3	1	0	0	0	1	0	7	19
	1200		1010.5		1015.6	70.9	56.5	41.9	9.1		36		1.9		13	5	0	0	1	0	0	5	7
Nawabshah	0000	124	1013.0		1017.6	46.9	43.7	39.0	8.4		75		1.0		2	0	0	0	0	0	1	1	27
	0300		1014.6		1019.4	46.4	43.0	39.0	8.1		75		2.5		5	0	0	0	0	1	0	1	24
	1200		1011.8		1016.3	72.5	56.0	38.0	8.7		28		2.7		8	3	0	0	0	0	1	5	14
Sukkur	0300	221	1010.6	+0.2	1018.8	49.8	46.1	41.3	9.0	−0.2	74	+9	3.3	+2.0	6	2	0	3	4	2	0	0	14
	1200		1007.7		1015.5	71.1	57.4	44.1	10.0		39		3.3		14	6	0	1	1	1	0	2	6
Kashmore	0000	225	*		*	53.0	46.5	37.3	7.9		57		0.8		*	*	*	*	*	*	*	*	*
	0300		*		*	(b) 58.5	(b) 48.8	(b) 35.8	7.4		44		0.9		*	*	*	*	*	*	*	*	*
	1200		*		*	71.6	54.7	35.7	7.1		28		(b) 1.9		*	*	*	*	*	*	*	*	*
Jacobabad	0000	183	1010.3		1017.2	47.5	41.6	32.0	6.3		57		0.9		1	0	1	0	0	1	0	5	23
	0300		1011.9	−0.3	1018.8	46.9	40.8	30.7	6.0	−2.7	55	−13	1.8	+0.2	1	0	1	0	0	1	2	5	21
	1200		1009.4		1015.9	71.9	54.6	34.1	6.9		27		2.6		3	3	2	0	0	2	3	3	15
JUNAGADH																							
Veraval	0000	26	*		x	x	x	x	x		x		x		x	x	x	x	x	x	x	x	x
	0300		(c) 1014.2		(e) 1015.2	(e) 67.6	x	x	x		x		(d) 3.0		10	14	1	0	0	0	(d) 0	1	1
	1200		(k) 1011.4		(k) 1012.4	(k) 78.2	(k) 71.0	66.3	22.7		68		(k) 1.6		1	0	0	0	1	4	(k) 10	2	2
AFGHANISTAN																							
Jalalabad (x)	0000	1950																					
	0300																						
	1200																						
ARABIA																							
Muscat	0300	20																					
	1200																						
HILL STATIONS: KASHMIR																							
Srinagar (x)	0000																						
	0300																						
	1200																						

(x) Data not available. (k) Mean for 20 days. (d) Observation 27 days. (c) Mean for 26 days. (*) Data rejected.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1960.

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 Directons 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										
Gulmarg (x)	0300	...																					
	1200																						
Gurez (x)	0300	...																					
	1200																						
Sonamarg (x)	0300	...																					
	1200																						
Dras (x)	0300	...																					
	1200																						
Kargil (x)	0300	...																					
	1200																						
Leh (x)	0000	...																					
	0300																						
	1200																						
Skardu (x)	0000	7250																					
	0300																						
	1200																						
Misgar	0000	10190	*		*	*	*	*	*				2.9		0	0	2	0	0	0	6	9	14
	0300		704.2	—	3150.4	15.4	14.5	12.5	2.4	—	87	—	2.8	—	1	0	0	1	0	0	7	4	18
	1200		702.6		3132.8	24.4	23.1	20.5	3.7		85		3.0		1	0	4	2	0	0	4	3	17
Aliabad (x)	0300	—																					
	1200																						
Gilgit (x)	0000	4950																					
	0300																						
	1200																						
RAWALPINDI																							
Murree	0000	7113	785.1		1515.6	40.3	33.4	21.6	4.0		48		2.4		0	5	4	15	0	0	2	5	0
	0300		786.2	+0.1	1525.7	41.9	33.3	17.7	3.4	—0.9	39	—9	3.5	+0.4	2	4	10	12	0	1	0	0	2
	1200		785.6		1516.2	44.5	36.0	22.5	4.3		43		3.6		1	7	7	8	0	1	3	1	3
PESHAWAR																							
Drosh	0000	4806	859.0		1549.6	40.2	33.8	20.4	4.1		48		2.9		0	4	4	1	0	0	0	0	22
	0300		860.0	+0.9	1559.4	39.2	33.1	20.3	4.0	—1.2	48	—17	3.3	—0.2	0	1	2	0	0	0	0	0	28
	1200		857.6		1536.5	48.7	38.1	17.2	3.5		30		4.1		0	6	5	14	0	0	0	0	6
Charat	0000	4272x																					
	0300		(c) 872.8	—0.4	(c) 1519.1	(c) 47.5	(c) 39.4	(c) 26.3	4.9	—0.1	44	—4	2.1	—0.8	21	0	0	0	1	0	0	9	0
	1200		(a) 871.7		(b) 1511.2	(a) 53.4	(a) 43.2	(a) 28.5	5.4		40		2.4		19	1	0	6	0	0	0	11	0
Kakul	0000	4214	874.3		1513.2	44.8	36.9	22.3	4.3		42		2.2		9	9	7	1	0	1	0	4	0
	0300		875.4	—	1524.2	45.8	37.6	22.7	4.3	—	43	—	2.9	—	12	11	4	0	0	0	0	3	1
	1200		874.4		1519.5	54.3	43.5	27.8	5.3		36		3.1		3	2	1	6	7	5	0	7	0
Balakot (R)	0000	3226																					
	0300																						
	1200																						
Landikotal	0000	3503	896.8		1498.1	32.8	22.4	22.2	4.3		55		2.1		0	0	0	0	0	5	0	0	26
	0300		897.9	—	1510.7	34.4	22.1	22.4	4.2	—	50	—	2.8	—	0	0	0	0	0	8	0	1	22
	1200		896.7		1510.8	43.2	28.0	24.2	5.4		39		2.7		0	1	0	0	0	5	0	0	25

(a) Mean for 30 days. (b) Mean for 29 days. (c) Mean for 28 days. (*) Data rejected. (R) Data not received. (x) Data not available.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1960.

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. (temperature and 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										
D. I. KHAN																							
Paroachinar	0000	5673	(c) 830.6		(c) 1543.6	34.0	29.9	22.2	4.2		64		0.6		11	0	0	3	0	0	0	0	17
	0300		831.9	+2.7	1554.7	37.3	31.6	20.6	4.1	—1.2	55	—8	1.8	—1.2	13	1	0	1	0	0	0	2	14
	1200		829.9		(a) 1528.4	(a) 51.2	(a) 39.9	(a) 23.5	4.4		36		1.7		0	0	0	25	1	2	0	0	3
Miranshah	0000	3026	912.8		1492.5	36.8	28.7	4.1	2.2		30		0.8		0	1	0	0	0	0	0	0	30
	0300		914.2	—	1509.1	40.3	32.8	11.0	3.4	—1.3	39	—15	1.5	—1.5	0	0	0	0	0	0	0	0	30
	1200		912.3		1517.0	61.0	45.4	20.7	4.1		23		1.6		0	1	0	0	0	0	0	0	30
Wana	0300	4503	*	—	*	(a) 37.3	(a) 31.1	(a) 16.4	3.5	—1.3	47	—23	1.8	+0.2	0	0	1	0	0	0	0	0	30
	1200		*		*	55.2	42.1	19.7	3.9		26		2.3		0	0	0	6	0	1	0	0	24
QUETTA																							
Fort Sandeman	0300	4614	863.7	+1.0	1533.2	35.6	29.0	12.2	2.8	—2.4	41	—32	1.8	—0.8	3	3	5	3	0	2	1	0	14
	1200		861.7		1519.8	58.7	43.0	12.7	3.1		21		2.4		6	5	0	1	4	2	4	2	7
Hindubagh	0000	5909	*		*	*	*	*	*		*		1.1		0	0	0	2	0	3	7	0	19
	0300		822.0		1530.4	30.7	28.1	23.8	4.2		75		2.4		0	0	0	1	0	5	19	0	6
	1200		819.9		1497.5	52.3	42.1	28.7	5.5		41		2.4		0	0	6	4	0	7	8	1	5
Loralai	0000	4699	858.3		1509.5	33.2	28.4	18.8	3.4		56		1.8		0	0	0	0	0	0	17	11	3
	0300		859.2		1518.0	33.6	28.4	17.5	3.2		53		2.5		0	0	0	0	0	2	18	9	2
	1200		857.2		1501.9	56.2	42.6	19.8	3.9		28		3.6		0	0	10	9	1	0	1	3	7
Harnai	0300	2861											0.6		*	*	*	*	*	*	*	*	*
	1200												1.5		*	*	*	*	*	*	*	*	*
Quetta (Samungli)	0000	5213	843.7		1527.2	25.4	24.1	21.6	3.9		86		1.7		0	1	5	8	1	0	0	0	16
	0300		844.6		1535.7	24.7	23.9	22.0	4.0		91		2.9		0	0	7	5	0	1	0	0	18
	1200		842.7		1515.0	52.9	41.1	23.7	4.6		37		3.7		7	0	0	1	1	2	2	10	2

(a) Mean for 30 days. (c) Mean for 28 days. (*) Data rejected.

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT FIXED HOURS DURING THE MONTH OF DECEMBER, 1960.

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										
Quetta	0300	5490	835.7	—0.6	1533.1	37.3	31.2	21.7	3.8	—1.2	53	—20	1.5	—1.2	0	1	0	0	4	0	1	0	25
	1200		833.4		1506.1	51.4	41.6	29.4	5.5		45		2.6		4	3	0	0	2	1	3	6	12
Chaman	0000	4311	871.8		1516.4	39.5	31.7	35.2	2.9		34		0.7		0	0	10	0	2	0	0	0	19
	0300		872.3	—0.6	1522.6	28.8	31.1	38.1	2.9	—3.0	38	—22	0.9	—2.0	0	1	14	1	1	1	0	0	13
	1200		868.9		1495.6	56.0	41.3	40.1	3.0		21		1.2		1	0	0	0	3	4	10	6	7
KALAT (NORTH)																							
Kalat	0000	6616	801.1		1540.7	27.6	*	*	*		*		0.8		0	0	0	0	29	0	0	1	1
	0300		801.2	—0.4	1542.7	28.3	*	*	*		*		2.4	+0.2	1	0	0	0	26	2	0	1	1
	1200		800.0		1510.0	49.7	42.7	35.5	6.8		59		3.4		10	0	0	0	2	4	2	13	0
Nushki	0000	3416	*		*	43.3	35.2	18.1	3.7		40		1.3		0	7	15	3	0	0	0	0	6
	0300		907.8		1579.0	47.3	37.7	18.3	3.9		35		2.6		0	9	12	2	0	1	0	0	7
	1200		906.6		1581.7	60.9	47.0	26.1	5.5		31		2.6		0	1	0	1	0	9	3	14	3
Dalbandin	0000	2785	922.1		1502.0	37.8	31.0	15.7	3.2		43		2.7		2	17	4	0	0	1	2	1	4
	0300		923.1	+0.8	1508.2	36.3	30.3	17.1	3.4	—3.2	47	—22	3.1	+0.8	4	10	3	0	0	0	1	0	13
	1200		920.9		1522.5	61.9	45.9	21.5	4.2		24		3.1		0	7	14	5	0	1	1	0	3
KALAT (SOUTH)																							
Panjgur	0000	3177	908.3		1504.3	41.7	33.8	16.4	3.5		38		2.3		2	29	0	0	0	0	0	0	0
	0300		909.3	+0.5	1512.1	40.9	33.1	15.5	3.3	—3.3	39	—24	2.3	+0.1	1	30	0	0	0	0	0	0	0
	1200		907.3		1517.5	62.5	45.9	19.3	3.9		21		2.0		12	4	0	0	0	5	1	9	0
AFGHANISTAN																							
Kabul (R)	0300	5955																					
	1200																						
Kandahar	0300	3462	899.7	—	1505.8	31.6	28.3	21.5	3.9	—	66	—	2.0	—	1	1	0	0	0	0	0	0	29
	1200		897.7		1588.3	55.8	45.5	32.1	6.3		41		2.8		0	0	1	1	0	5	0	1	23

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

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF DECEMBER, 1960.

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
CHITTAGONG DIVISION																					
Rangamati	81.8		88	2	56.5		51	26	0.14		0.14	2	1		xx		0	0	30	0	0
Cox's Bazar (P. T.)	80.1	+0.4	85	1,2	60.1	+1.4	56	19,21,24	0.03	—0.95	0.02	3	0	—0.6	xx		0	0	0	0	0
Chittagong (Patenga)	80.3		88	2	61.4		57	19,20,21	0.08		00.8	2	0		xx		0	0	6	0	0
Chittagong (P.T.)	81.4	+2.4	88	2	60.1	+2.9	55	20,21	0.10	—0.54	0.10	2	1	+0.3	xx		0	0	0	0	0
Maijdi Court (R)																					
Comilla (R)																					
Brahmanbaria	80.0	+0.2	85	1,2	59.8	+4.4	55	20	0.00	—0.31	0.00	0	0	—0.5	1.1		0	0	3	0	0
Srimangal (R)	80.8	+0.4	88	2	51.8	+2.3	47	21,22	0.00	—0.25	0.00	0	0	—0.5	xx		0	0	12	0	0
Sylhet (P.B.O.) (R)																					
DACCA DIVISION																					
Mymensingh	79.9	+2.2	85	2	57.5	+1.7	53	24	0.00	—0.09	0.00	0	0	—0.3	xx		0	0	8	0	0
Narayanganj	80.8	+2.3	86	2	59.4	+1.9	54	25	0.00	—0.20	0.00	0	0	—0.4	1.0	—0.1	0	0	12	0	0
Dacca (Tejgaon)	79.5		84	21,2	55.1		50	23,25	0.00		0.00	0	0		2.4		0	0	6	0	0
Faridpur	77.8	+1.4	82	8,9	56.6	+1.7	50	24,25	0.00	—0.15	0.00	0	0	—0.3	1.2	—0.1	0	0	12	0	0
Barisal	79.5	+1.4	83	10,09	59.3	+2.7	54	23,24	0.00	—0.25	0.00	0	0	—0.5	xx		0	0	8	0	0
RAJSHAHI DIVISION																					
Khulna	(a) 81.6	+2.9	xx		(a) 58.4	+1.1	xx	—	0.00	—0.19	0.00	0	0	—0.3	0.6	—1.1	0	0	2	0	0
Satkhira	81.1	+0.5	85	11,12	54.0	—0.4	48	15	0.00	—0.17	0.00	0	0	—0.3	0.1	—0.8	0	0	0	0	0
Jessore (P.T.) (R)																					
Pabna (R)																					
Serajganj	80.3		84	8,9	56.8		52	25	0.00	—0.09	0.00	0	0	—0.3	1.0		0	0	4	0	0
Rajshahi (versity)	78.8		83	8,9,10	50.9		xx		0.00		0.00	0	0		xx		0	0	*	0	0
Bogra (P.B.O.)	79.6	+2.9	84	8	56.0	+1.5	52	24,25	0.00	—0.09	0.00	0	0	—0.2	1.3	+0.4	0	0	2	0	0
Dinajpur	81.7	+4.6	86	8	54.1	+2.1	50	18,23	0.00	—0.06	0.00	0	0	—0.1	*		0	0	0	0	0
Rangpur	(f) 79.5		xx		55.2		52	18,24,25	0.00	—0.08	0.00	0	0	—0.2	1.0		0	0	4	0	0

(*) Data rejected. (f) Observation for 25 days. (a) Observation for 20 days. (R) Register not received.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF DECEMBER, 1960.

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
KASHMIR																					
Jammu (x)																					
LAHORE																					
Lahore (P.B.O.)	71.8	—0.5	77	3,4	39.7	—0.9	35	20	0.40	—0.07	0.39	30	1	0.0	1.3	+0.5	1	0	2	0	0
„ (Cantt.)	71.4	—	76	4	39.1	—	35	6,20,21	0.50	—	0.50	30	1	—	1.8	—	1	0	5	3	0
„ (Walton)	72.2	—	78	3	38.8	—	34	20	0.38	—	0.36	30	1	—	2.7	—	1	0	3	0	0
Sialkot	69.1	—0.3	76	4	42.8	+0.6	38	21	1.18	+0.46	1.18	30	1	—0.3	(x)	—	0	0	0	0	0
RAWALPINDI																					
Jhelum	72.7	—	79	1,4	38.4	—	33	8	1.02	—	0.63	30	3	—	1.0	—	2	0	0	0	0
Chaklala	69.6	—	75	2,4	35.2	—	30	10	1.47	—	1.13	30	2	—	3.8	—	1	0	1	2	0
Rawalpindi	69.6	+2.8	76	4	36.6 (a)	—1.2	32	10,11	1.40	+0.16	1.11	30	2	—0.3	2.1	+0.9	1	0	4	0	0
Khushab	74.2	+2.5	82	3	39.2	—2.3	35	20,21	0.72	+0.29	0.43	30	2	+1.1	1.7	—0.2	0	0	0	0	0
Sargodha (P.A.F.) (R)																					
MULTAN																					
Lyallpur	71.8	+1.1	79	2	40.4	—1.8	35	8,9	1.09	+0.84	1.09	30	1	+2.2	1.4	+0.2	2	0	2	0	0
Montgomery	73.0	+1.0	79	4	39.6 (b)	—3.5	35	8,9	1.31	+1.05	1.31	30	1	+0.2	1.0	—0.6	2	0	1	0	0
Multan (P.B.O.)	73.0	—	78	3	38.8	—	32	20	0.45	—	0.40	30	1	—	1.2	—	1	0	3	0	0
„ (Surface)	73.3	+1.6	79	3,6	43.7	+0.3	38	20	0.38	+0.14	0.33	30	1	+0.3	(x)	—	2	0	2	0	0
BAHAWALPUR																					
Leiah (R)																					
Khanpur (P.B.O.)	74.2	—	81	4	40.3	—	33	10	0.04	—	0.04	15	0	—	1.7	—	0	0	0	0	0
Bahawalpur	74.8	+0.8	82	4	42.2	—1.4	35	10	0.08	—0.14	0.05	30	0	—0.6	1.2	—0.4	0	0	0	0	0
Fort Abbas	73.6	—	79	4	(*)	—	—	—	0.37	—	0.37	30	1	—	1.1	—	0	0	0	0	0
PESHAWAR																					
Chakdara	62.8	—	72	3	36.4	—	31	10,11	2.32	—	1.07	31	4	—	(x)	—	0	0	0	0	0
Peshawar	69.0	+2.3	78	3	40.1	—0.8	35	9,11	1.73	+1.06	1.09	31	2	+0.4	1.0	—0.1	0	0	0	1	0
Risalpur	68.2	—	77	3	34.5	—	28	11	2.25	—	1.58	31	2	—	1.6	—	1	0	1	0	0
Haripur	71.4	—	77	4 days	38.5	—	30	17	1.51	—	0.76	30	3	—	5.4	—	0	0	0	0	0
Campbellpur (R)																					
D. I. KHAN																					
Kohat	69.9	—	82	3	43.9	—	39	7	1.76	—	0.93	31	2	—	3.3	—	2	0	0	0	0
Bannu	71.1	+1.0	77	3	(*)	—	—	—	1.16	+0.76	0.71	30	2	+0.5	1.2	—	0	0	0	0	0
D. I. Khan	74.9	+3.4	83	3	38.6	—2.6	31	9	0.84	+0.60	0.84	30	1	+0.3	0.3	—0.3	0	0	0	0	0
Mianwali	72.9	—	82	3	38.6	—	34	8,9,19	0.61	—	0.69	30	2	—	(x)	—	0	0	0	0	0

(R) Register not received. (*) Data rejected. (x) Data not available. (a) Mean for 30 days. (b) Mean for 29 days.

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF DECEMBER, 1960.

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).	Dust Storm.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
QUETTA																					
Sibi	76.8	+1.9	85	7	42.2	—3.3	34	19	0.58	+0.28	0.42	29	2	+1.3	*	—	0	0	0	0	0
KALAT (NORTH)																					
Nokkundi	69.4	—1.5	76	4,5	39.5	—3.9	32	9	0.00	—0.14	0.00	—	0	—0.3	x	—	0	0	0	0	0
KALAT (SOUTH)																					
Turbat	81.4		88	2	x		—	—	0.00		0.00		0		x	—	0	0	0	0	0
Jiwani	77.7		84	2,5	59.8		52	29	0.44		0.28		2		4.5		0	0	0	0	0
Pasni	78.3	+0.4	85	4	56.0	—0.6	49	29,30	1.18	+0.34	1.00	12	2	+0.5	4.9	+0.5	1	0	0	0	0
Ormara	77.2	—0.2	84	6,7	54.3	—4.6	49	8,19	1.82	+1.18	1.62	28	2	+0.8	3.0	—0.7	0	0	0	0	0
Lasbela	86.6	3.3	91	5 days	55.7	6.7	43	22	0.00	—0.56	0.00	29	0	0.7	x	—	0	0	0	0	0
FEDERAL CAPITAL AREA																					
Karachi (Manora)	78.7	0.0	85	7	57.1	—3.0	51	31	0.00	—0.20	0.00	—	0	—0.5	x	—	0	0	0	0	0
Karachi (Mauripur)	78.9		84	14	54.5		48	31	0.37		0.35	28	1		3.9		1	0	0	0	0
Karachi (City)	81.8		88	14	52.6		47	7,31	0.39		0.29	29	1		2.6		1	0	0	0	0
Karachi																					
Karachi (Airport)	77.4		85	4,6,8	52.0		47	10,31	0.89		0.88	29	1		2.7		1	0	0	0	0
HYDERABAD																					
Badin	82.7	+2.2	87	4,23	47.4	—4.4	44	2,9,28	0.00	—0.15	0.00	—	0	—0.4	*		0	0	0	0	1
Nagarparkar	84.2		90	9	59.3		50	1	0.00		0.00		0		x		0	0	0	0	0
Umerkot	81.4		85	7,23	47.8		41	10	0.00		0.00		0		3.1		0	0	0	0	0
Chhor	82.4		87	23	44.9		36	8	0.00		Trace	15	0		1.7		0	0	0	0	0
Hyderabad	78.9	+0.3	86	4	52.2	—0.4	48	31	0.05	—0.05	0.05	28	0	—0.3	3.2	—0.3	0	0	0	0	0
KHAIRPUR																					
Padidan	74.2		80	4,7,16	41.4		34	11	0.40		0.25	29	2		2.7		0	0	3	0	0
Nawabshah	75.4		83	4	44.3		35	11	0.27		0.16	29	2		1.4		1	0	3	0	1
Sukkur	75.7	—0.5	82	4	45.5	—3.2	41	8,11	0.37	+0.34	0.22	30	2	+1.8	1.6	—0.6	1	0	0	1	0
Kashmore	75.0		79	1,23	41.2		33	14	0.06		0.06	30	1		*		0	0	0	0	0
Jacobabad	75.1	+0.7	83	7	43.7	—2.8	38	10	0.42	+0.25	0.12	30	2	+1.5	2.0	0.0	1	0	0	0	0
JUNAGADH																					
Veraval (x)	x								(d) 0.00		0.00		0		x		0	0	0	0	0
AFGHANISTAN																					
Jalalabad (x)																					
HILL STATIONS																					
KASHMIR																					
Srinagar (x)																					
Gulmarg (x)																					
Gurez (x)																					
Sonamarg (x)																					
Dras (x)																					
Kargil (x)																					
Leh (x)																					
Skardu (x)																					

(R) Register not received. (*) Data not available. (*) Data rejected. (d) Observation for 27 days

TABLE III.—SUMMARY OF TEMPERATURE, PRECIPITATION, WIND VELOCITY AND WEATHER DURING THE MONTH OF DECEMBER, 1960

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
KASHMIR—(*continued*)																					
Misgar	33.6	—	48	6	12.2	—	8	22,23,24	0.56	—	0.22	31	3	—	1.5	—	0	0	0	0	0
Aliabad (x)																					
Gilgit (surface) (x)																					
RAWALPINDI																					
Murree	53.2	+2.5	65	6	36.2	+1.3	25	17	1.89	+0.09	1.10	30	3	—0.2	7.2	+2.8	0	0	2	0	0
PESHAWAR																					
Drosh	53.1	+2.6	61	2	37.4	+1.8	32	31	1.22	+0.02	0.53	31	5	+1.8	3.2 (1)	+1.4	0	0	0	0	0
Cherat	59.2	+5.4	69	4	42.9	+0.5	37	31	5.53	+3.97	4.25	31	4	+1.8	5.9	—2.6	0	0	1	0	0
Kakul	63.1	—	73	3	42.6	—	34	17	1.66	—	0.88	30	4	—	x	—	0	0	0	0	0
Balakot (R)																					
Landikotal	58.8	—	65	3	34.5	—	29	9	1.89	—	0.95	30	2	—	x	—	0	0	2	0	0
D. I. KHAN																					
Parachinar	60.3	+5.5	70	3	32.0	—0.5	26	16	3.25	+2.2	1.25	16	3	—0.1	2.4	+0.7	0	0	0	0	0
Miranshah	67.5	+3.5	74	3,8	35.6	—3.5	32	5	3.19	+2.49	2.20	30	2	+0.2	0.9	—1.7	0	0	0	0	0
Wana	62.0	+2.1	69	3	*	—	—	—	0.84	+0.17	0.84	30	1	—0.8	0.7	—	0	0	0	0	0
QUETTA																					
Fortsandeman	61.5	1.6	70	2	32.8	—0.6	27	10	0.77	—0.20	0.62	30	2	+1.8	x	—	0	0	0	0	0
Hindubagh	54.1		62	1,2,3	*		*		2.65		2.60	29	1		3.9		0	0	0	0	0
Loralai	61.2	-	68	3,7	31.2	—	27	10,17,18	2.06	—1.56	1.43	30	3	—1.5	3.4		0	0	0	0	0
Harnai	—	—	—		—	—			1.90	1.13	1.10	29	2	+0.6	(x)		0	0	0	0	0
Quetta (Samungli)	55.6		62	1,3	21.1		13	8,9	0.67		0.55	30	2		2.8		0	0	0	0	0
Quetta	53.9		63	1	24.2		15	8,17	0.45		0.30	30	2		2.0	+0.3	0	0	0	0	0
Chaman	59.2	+2.2	65	2,3,9	34.8	—2.0	28	8	0.16	—1.19	0.16	30	1	—2.2	x		0	0	0	0	0
KALAT (NORTH)																					
Kalat	55.2	—0.1	76	3	24.8	—1.3	16	7	1.63	+0.69	1.01	30	2	—0.2	x		0	0	0	0	0
Nushki	64.4		72	4	41.9		35	31	0.50		0.40	30	2		x		0	0	0	0	0
Dalbandin	64.5	—0.7	74	4	32.5	—2.5	24	9,10	0.33	—0.35	0.30	29	1	—0.8	2.6	+0.2	0	0	0	0	2
KALAT (SOUTH)																					
Panjgur	65.5	—1.0	73	3,4,21	37.7	—2.1	32	9	0.74	+0.17	0.74	29	1	—0.4	x		0	0	0	0	0
AFGHANISTAN																					
Kabul (R)																					
Kandahar	60.0	—	67	10	28.8	—	24	8	0.03	—	0.03	30	0	—	0.4	—	0	0	1	0	1

(1) Mean for 22 days.. (x) Data not available. (R) Register not received. (*) Data rejected.

ADDENDA TO M.W.R. FOR JANUARY 1960—DECEMBER 1960

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

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										
JANUARY																							
Comilla	0000	29	1014.2		1015.2	53.5	53.0	52.1	13.5		97		0.3		0	0	0	0	0	0	0	0	31
	0300		1015.3	—0.8	1016.3	63.9	59.0	55.5	14.8	—1.2	79	+4	0.1	—1.2	0	0	0	0	0	0	0	0	31
	1200		1012.7		1013.7	71.0	62.0	55.1	14.9		58		0.5		0	0	0	0	0	0	0	0	31
JUNE																							
Comilla	0000	29	1000.4		1001.4	79.7	78.6	78.1	32.9		78		4.6		0	0	0	2	19	0	0	0	9
	0300		1001.7	+0.1	1002.7	84.1	79.9	77.6	33.0	+0.6	78	—4	5.3	—0.1	0	0	0	5	16	0	0	0	9
	1200		998.4		999.4	85.6	80.8	78.9	33.7		79		4.2		0	0	0	4	16	0	0	0	10
JULY																							
Maijdi Court	0000	25	1001.7		1002.6	79.4	78.2	77.8	32.4		95		7.0		0	0	1	9	9	1	0	0	11
	0300		1003.0	+2.0	1003.9	81.5	79.1	78.1	32.9	+0.3	90	+2	7.3	+1.7	0	0	0	10	12	2	0	0	7
	1200		1000.2		1001.1	82.1	79.3	78.3	32.9		88		6.4		0	0	1	10	14	2	0	0	4
Comilla	0000	29	1001.5		1002.5	78.5	77.2	76.6	31.3		94		5.7		0	0	0	1	29	0	0	0	1
	0300		1002.5	+1.5	1003.5	82.0	79.2	78.0	32.8	+0.6	88	+3	5.9	+0.1	0	0	0	0	26	0	0	0	5
	1200		999.9		1000.9	82.4	79.3	78.0	32.9		87		6.4		0	0	0	1	25	0	0	0	5
Srimangal	0000	69	1000.7		1003.1	77.7	76.5	75.9	30.6		94		6.7		0	0	0	2	0	0	0	0	29
	0300		1001.7	+1.6	1004.0	81.8	78.0	76.5	31.0	—0.8	84	—2	6.8	+1.4	1	0	2	6	3	0	0	0	19
	1200		998.7		1001.0	82.9	78.8	77.0	31.8		83		7.0		0	0	0	2	1	0	0	0	28
Faridpur	0000	46	1000.2		1001.8	79.3	78.2	77.6	32.4		94		6.5		0	0	0	12	15	1	0	0	3
	0300		1001.3	+2.0	1002.9	82.8	79.8	78.3	33.4	—0.3	87	+2	7.2	+1.0	0	0	0	8	19	2	0	0	2
	1200		998.8		1000.4	83.0	79.9	78.4	33.4		87		6.5		0	3	5	9	10	1	0	0	3
Pabna	0000	4	999.3		1000.9	79.1	78.1	77.9	32.4		95		7.3		0	1	5	10	8	7	0	0	0
	0300		1000.2		1001.9	82.7	80.0	78.6	33.8	+0.2	89	+5	6.9		0	0	3	14	10	3	1	0	0
	1200		997.3		998.9	83.6	81.3	80.4	35.5		91		6.9		0	0	2	16	7	5	0	0	1
AUGUST																							
Maijdi Court	0000	25	999.8		1000.7	79.6	78.7	78.6	33.2		96		6.2		0	2	2	11	5	0	0	0	11
	0300		1001.3	—1.4	1002.1	82.6	80.1	79.0	34.0	+1.4	89	+2	6.1	+0.7	1	1	6	11	1	0	0	0	11
	1200		998.2		999.0	83.7	81.0	80.2	34.9		89		5.8		1	0	0	14	11	0	1	0	4
Comilla	0000	29	999.2		1000.2	79.0	77.9	77.5	32.1		95		4.5		0	4	0	9	8	1	0	0	9
	0300		1000.6	—2.3	1001.6	84.3	80.5	78.8	33.8	+1.7	83	—1	5.0	—0.6	0	2	0	12	11	0	0	0	6
	1200		997.2		998.2	84.5	80.5	78.8	33.7		83		5.0		0	0	0	11	13	0	0	0	7
Srimangal	0000	69	999.2		1001.6	78.5	77.2	76.8	31.3		94		6.5		0	0	0	1	1	0	0	0	29
	0300		1000.1	—1.6	1002.4	83.9	79.1	77.1	31.8	0.0	80	—5	5.8	+0.5	0	0	0	6	3	0	0	0	22
	1200		996.4		998.7	85.9	80.8	78.7	33.6		79		6.5		0	0	0	0	2	0	1	0	28
Jessore (P. T.)	0000	26	997.9		998.8	80.6	79.7	79.5	34.3		96		6.5		0	2	4	4	4	1	0	0	16
	0300		999.6	—2.0	1000.5	84.0	81.5	80.5	35.6	+2.2	89	+3	7.1	+0.8	0	0	0	9	5	3	0	0	5
	1200		996.9		997.8	84.7	81.3	80.0	35.0		86		6.5		1	0	0	7	0	13	0	0	0	10
Pabna	0000	48	997.6		999.2	81.0	79.9	79.5	34.3		95		6.8		0	0	6	3	12	1	4	0	0	5
	0300		998.8		1000.4	84.5	81.5	80.3	35.4	+2.1	87	+2	7.7		0	1	1	3	23	2	2	0	0	0
	1200		995.6		997.2	85.5	82.8	81.6	37.1		89		7.0		0	1	1	6	20	2	2	0	0	0

ADDENDA TO M.W.R. FOR JANUAYR 1960—DECEMBER, 1960

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

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										
SEPTEMBER																							
Maijdee Court	0000	25	1004.3		1005.2	79.2	78.2	77.9	32.5		95		6.3		0	0	1	1	3	0	1	0	24
	0300		1005.8	—0.6	1006.7	82.0	79.2	78.1	32.8	−0.2	88	−2	6.3	+1.6	4	1	1	4	2	0	0	0	18
	1200		1002.4		1003.3	83.1	80.1	78.7	33.7		87		5.5		1	0	2	4	10	0	0	2	11
Comilla	0000	29	1003.9		1004.9	78.4	77.4	77.0	31.7		95		4.6		0	3	0	7	4	0	0	0	16
	0300		1005.1	—1.1	1006.1	82.6	79.5	78.3	33.0	+0.8	86	+6	5.5	+0.6	0	2	0	9	7	1	0	0	11
	1200		1001.9		1002.9	82.8	79.6	77.8	33.1		85		5.1		0	0	0	6	13	0	0	0	11
Pabna	0000	48	1002.5		1004.1	79.8	78.8	78.5	33.3		96		5.2		0	2	1	7	4	6	0	2	8
	0300		1004.2		1005.7	83.3	80.9	79.8	34.9	−1.6	89	−8	5.7		0	1	14	4	8	0	0	3	0
	1200		1000.5		1002.1	83.3	80.6	79.6	34.5		89		5.8		1	2	1	16	1	1	1	2	5
OCTOBER																							
Maijdee Court	0000	25	1008.3		1009.2	76.1	75.0	74.5	29.2		95		2.8		2	2	0	0	0	0	0	2	(a) 24
	0300		1010.2	−0.6	1011.1	81.6	76.3	73.6	28.6	−2.0	77	−6	2.7	−0.3	12	2	0	0	1	0	0	1	15
	1200		1006.1		1006.9	(a) 82.8	(a) 77.6	(a) 75.4	(a) 29.8		(a) 78		2.3		2	2	0	0	1	0	1	1	24
Comilla	0000	29	1008.3		1009.3	75.4	74.4	74.0	28.6		94		2.1		1	7	1	8	12	0	(a) 0 (a)	0	1
	0300		1009.7	—1.1	1010.7	82.5	77.1	74.5	29.3	−0.7	77	−1	2.2	−0.6	0	9	0	5	4	0	0	0	12
	1200		1006.1		1007.1	82.3	77.5	75.3	30.0		79		2.0		2	8	0	1	5	0	1	0	14
Pabna	0000	48	1008.0		1009.7	75.0	74.1	73.8	28.3		96		2.9		0	0	1	2	1	1	0	1	25
	0300		1009.7		1011.4	83.3	77.8	75.1	30.0	+0.6	77	−1	2.9		6	4	1	4	1	1	4	10	0
	1200		1006.0		1007.7	82.9	77.7	75.2	30.1		78		2.6		1	1	2	3	0	0	0	4	20
NOVEMBER																							
Maijdee Court	0000	25	1012.4		1013.3	66.0	64.7	63.7	20.2		93		2.1		2	0	0	0	0	0	1	2	25
	0300		1014.2	+0.3	1015.1	74.9	68.7	64.8	21.2	−2.5	71	−9	1.7	−0.1	10	1	0	0	0	0	0	2	17
	1200		1010.8		1011.6	76.8	70.2	66.5	22.2		71		1.3		1	0	0	0	0	0	3	0	26
Comilla	0000	29	1012.4		1013.4	65.9	64.8	64.2	20.4		95		1.1		15	2	0	1	3	0	0	0	9
	0300		1013.7	—0.2	1014.7	75.1	69.2	65.9	21.7	−1.5	73	−2	1.4	−0.3	0	2	0	0	0	0	0	0	28
	1200		1010.3		1011.3	75.2	70.3	67.3	23.1		77		1.4		0	1	0	0	0	0	0	0	29
Srimangal	0000	69	1011.4		1013.9	59.5	58.7	58.0	16.5		95		2.6		0	0	0	0	0	0	0	0	30
	0300		1012.7	—0.1	1015.2	72.3	68.2	65.9	21.7	+0.3	80	−3	2.1	+0.1	0	0	0	0	0	0	0	0	30
	1200		1009.0		1011.5	73.8	69.7	67.5	22.9		81		1.9		0	0	0	0	0	0	0	0	30
Pabna	0000	48	1011.9		1013.5	62.6	61.7	60.9	18.4		95		2.2		0	0	0	0	0	1	2	7	20
	0300		1013.8		1015.5	73.0	68.1	64.7	21.2	−0.2	77	+2	1.8		2	1	0	1	0	3	0	23	0
	1200		1010.2		1011.9	73.6	69.0	66.6	22.2		79		1.8		0	0	0	1	0	1	0	1	27

(a) Data for 30 days.

ADDENDA TO M.W.R FOR JANUARY 1960—DECEMBER, 1960

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

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
DECEMBER	GMT.	FT.	Mb.	Mb.	Mb.	°F	°F	Mb.	Mb.	%	%	oktas											
Maijdee Court	0000	25	1013.8		1014.7	59.2	58.7	58.5	16.6		97		0.4		1	0	0	0	0	0	1	1	28
	0300		1015.6	—0.4	1016.5	68.4	64.3	61.8	18.8	—0.9	79	—2	0.7	—0.6	13	1	0	0	0	0	2	2	13
	1200		1012.2		1013.0	73.0	67.7	64.5	20.7		75		0.0		1	0	0	0	1	0	7	1	21
Comilla	0000	29	1013.7		1014.7	59.3	58.6	57.9	16.5		95		0.7		10	3	0	1	1	0	0	0	16
	0300		1015.0	—1.1	1016.0	69.3	64.5	61.2	18.5	+1.0	75	—2	1.0	0.0	1	0	0	0	0	0	0	0	30
	1200		1012.0		1012.9	72.8	66.6	62.3	19.4		70		1.1		0	0	0	0	0	0	0	0	31
Pabna	0000	48	1013.0		1014.8	55.9	55.2	54.6	14.6		95		1.0		1	0	0	0	0	0	0	8	22
	0300		1015.2		1016.9	66.0	61.6	58.7	16.7	+0.5	77	+1	1.4		2	1	0	0	1	0	5	22	0
	1200		1011.4		1013.1	68.7	64.4	61.6	18.6		78		1.3		0	0	0	1	0	0	3	0	27
AUGUST																							
Chittagong (P.T.)	0000																						
	0300	46	1000.8	—1.9	1002.4	82.4	78.5	77.3	31.5	+0.2	85	—1	5.5	—0.8	0	0	0	20	10	0	0	0	(a) 0
	1200		997.8		999.3	82.0	78.6	77.5	31.9		86		6.4		0	0	0	8	19	3	1	0	0
JULY																							
Khanpur (Surface) (x)	0300	297																					
	1200																						
Campbellpur	0300	1175	958.0		997.2	85.5	78.2	74.8	29.6		71		2.6		1	1	6	9	7	1	1	0	5
	1200		955.4		993.5	97.6	81.0	73.6	28.6		47		2.6		0	1	7	8	7	3	2	1	2
Jalalabad (x)	0000	1950																					
	0300																						
	1200																						
Kabul	0300	5955	(d) 817.3	—	(d) 1471.6	(d) 74.3	*						(d) 0.0	—0.6	1	0	2	0	4	0	4	1	(d) 15
	1200		*		*	(c) 87.2	*						(c) 0.0		7	0	2	0	4	0	5	[illegible]	(c) 3
AUGUST																							
Khanpur (Surface) (x)	0300	297																					
	1200																						
Campbellpur	0300	1175	959.1		998.2	84.5	78.4	75.6	30.4		75		1.9		0	1	10	12	2	1	1	[illegible]	4
	1200		955.6		993.8	96.2	81.3	74.8	29.7		50		0.8		1	0	3	7	11	3	0	0	6
Jalalabad (x)	0000	1950																					
	0300																						
	1200																						
Kabul	0300	5955	817.4		1473.0	72.5	*						0.0	—0.7	9	0	6	0	1	0	9	6	0
	1200		*		*	87.6	*						0.0		14	0	1	[illegible]	5	0	4	[illegible]	0
SEPTEMBER																							
Leiah	0000	487	*		*	77.6	*	*					*		3	0	0	0	9	1	0	0	17
	0300		987.1		1003.5	88.0	*	*					1.1		4	0	0	0	8	0	0	0	18
	1200		985.1		1001.1	99.6	*	*					1.6		0	0	1	0	8	2	1	0	18
Khanpur (Surface)(x)	0300	297																					
	1200																						
Khanpur (P.B.O.)	0000	290	992.0		1002.1	77.8	72.2	69.3	24.5		75		0.3		0	0	2	0	2		2	0	12
	0300		993.6		1003.5	83.0	75.1	70.9	26.1		69		0.6		0	2	1	0	2	1	1	0	6
	1200		990.2		999.8	100.0	77.4	65.8	21.8		33		0.5		2	3	1	0	3		7	3	4
Campbellpur	0300	1175	966.3		1006.2	78.9	68.5 (k)	62.4 (k)	19.1		56		0.3		1	1	4	1	0		0	0	23
	1200		963.2		1001.8	94.4	74.0 (i)	62.6 (i)	19.4		33		0.9		1	1	5	4	4		0	0	14
Jalalabad (x)	0000	1950																					
	0300																						
	1200																						
Kabul	0300	5955	821.3		1250.9	62.1	*						0.0	—0.4	3	0	3	1	3	1	11	0	0
	1200		819.5		1492.3	80.8	*						0.0		12	0	5	2	4	0	2	[illegible]	0
OCTOBER																							
Leiah	0000	487	*		*	*	*	*					0.2		3	0	0	0	4	0	0		24
	0300		994.3		1011.2	71.7	62.1	54.0	14.7		55		0.3		5	0	0	0	4	0	0	0	22
	1200		991.8		1008.1	92.5	70.5	56.6	15.5		30		0.3		6	0	0	0	7	0	0	0	18

(*) Data rejected. (x) Data not available. (d) Mean for 27 days. (k) Mean for 20 days. (c) Mean for 28 days. (i) Mean for 22 days.

ADDENDA TO M.W.R. FOR JANUARY 1960.—DECEMBER, 1960

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

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	%	%	oktas										
OCTOBER																							
Campbellpur	0300	1175	971.3		1012.3	67.1	58.6	50.9	13.0		57		0.1		1	4	0	0	2	0	0	0	24
	1200		967.8		1007.0	89.7	66.2	47.5	11.4		24		0.3		5	1	4	1	1	1	0	1	17
Jalalabad (x)	0000	1950																					
	0300																						
	1200																						
Kabul	0300	5955	825.2		1565.0	54.6	*	—	—	—	—	—	0.0	—0.9	8	0	2	0	3	1	11	6	0
	1200		824.4		1548.3	70.2	*	—	—		—		0.3		15	0	1	0	4	1	4	6	0
NOVEMBER																							
Leiah	0000	487	*		*	45.5	44.2	42.5	9.3		90		0.4		4	0	0	0	0	0	0	0	26
	0300		*	—	*	53.3	47.8	40.8	8.8	—	64	—	1.0	—	5	0	0	0	0	0	0	1	24
	1200		*		*	76.2	57.9	38.4	8.2		26		1.3		5	0	0	0	0	0	0	1	24
Khanpur (Surf) (x)	0300	297																					
	1200																						
Campbellpur	0300	1175	975.9	—	1618.3	54.5	46.9	36.7	7.6	—	53	—	0.5	—	0	1	1	0	0	0	0	0	28
	1200		(b) 973.2		(b) 1013.8	(b) 74.5	(b) 56.7	37.4	8.6		26		0.2		7	1	0	1	0	0	0	1	20
Jalalabad (x)	0000	1950																					
	0300																						
	1200																						
Kabul	0300	5955	826.4		1582.5	40.9	*	—	—	—	—	—	1.8	—0.2	5	2	2	5	1	4	6	5	0
	1200		824.3		1557.1	52.3	*	—	—		—		2.1		9	6	0	2	1	0	5	7	0
DECEMBER																							
Sargodha	0000	617	994.8		1017.8	40.4	38.8	36.8	7.3		86		1.6		1	1	1	2	1	0	2	1	22
	0300		996.3	—	1019.2	41.7	39.7	36.9	7.4	—	83	—	2.8		1	1	1	0	0	2	0	0	26
	1200		994.5		1016.3	66.3	55.3	43.9	10.0		45		2.6		1	1	1	1	0	3	7	0	17
Leiah	0000	487	*		*	37.8	37.0	35.6	7.1		92		1.9		2	0	0	0	0	0	0	1	28
	0300		*	—	*	44.0	39.8	36.3	8.4	—	66		1.8	—	3	0	0	0	0	0	0	0	28
	1200		*		*	65.5	55.7	45.7	10.7		49		1.9		2	0	0	0	0	0	0	0	29
Khanpur (Surf) (x)	0300	297																					
	1200																						
Campbellpur	0300	1175	977.4	—	1020.7	42.3	38.0	30.9	5.9	—	63	—	2.1	—	0	4	0	0	0	0	0	0	27
	1200		975.5		1016.9	65.5	50.5	29.8	5.9		26		1.6		6	2	0	0	1	0	0	2	20
Jalalabad(x)	0000	1950																					
	0300																						
	1200																						
Kabul	0300	5955	(a) 827.5	—	(a) 1598.3	33.2	*	—	—	—	—	—	2.1	—1.7	0	7	0	6	0	11	0	7	0
	1200		(b) 826.0		(b) 1578.5	44.3	*	—	—		—		1.7		0	14	0	7	0	4	0	6	0

(a) Mean for 30 days. (b) Mean for 29 days. (R) Data not received. (*) Data rejected. (x) Data not available.

ADDENDA TO M.W.R FOR JANUARY1960—DECEMBER, 1960.

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

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
JANUARY																					
Comilla	79.4	+0.9	82	5 days	52.7	—0.2	47	25	0.00	—0.32	0.00	0	0	—0.8	X		0	0	9	0	0
JUNE																					
Comilla	89.6	+1.3	95	9	78.6	+1.8	73	15	16.79	—1.49	5.5	10	12	—5.1	X		5	0	0	0	0
JULY																					
Maijdee Court	85.7	—0.1	92	1	77.6	—0.6	74	10	33.24	+9.68	6.85	4	23	0.0	X		0	0	0	0	0
Comilla	86.3	—1.4	95	1	77.4	+0.3	75	5 days	23.18	+6.76	2.66	9	20	+1.2	X		1	0	0	0	0
Srimangal	88.0	—2.3	96	1	77.0	+0.6	75	5 days	17.04	+3.13	2.24	19	26	+5.2	X		14	0	0	0	0
Faridpur	86.5	—1.3	92	22	77.6	—0.9	75	4,11,19	18.93 (c)	+6.19	3.93	10	24	+6.2	5.6	+0.3	0	0	0	0	0
Pabna	87.4	—2.3	92	1,2,22	78.1	+1.7	75	18,19	13.17		X		X		X		12	0	0	0	0
AUGUST																					
Maijdee Court	87.1	+1.4	91	14,21,22	78.8	+0.6	77	7 days	22.26	—2.07	4.80	16	23	+0.1	X		0	0	0	0	0
Comilla	89.9	+2.4	94	4 days	78.3	+1.4	75	31	13.21	—3.97	3.17	23	17	—0.8	X		3	0	0	0	0
Srimangal	91.8	+1.7	96	22	77.8	+1.7	76	13,18,30	6.82	—7.48	0.89	12	17	—3.1	X		20	0	0	0	0
Jessore (P. T.)	89.2	+1.1	94	21,22	79.7	+1.9	77	7	5.67	—5.37	1.05	7	15	—1.6	2.7	+0.3	0	0	0	0	0
Pabna	89.1	—0.4	93	23	80.5	+4.2	78	16,17	6.57	—3.89	1.21	24	16	+0.2	X		19	0	0	0	0
SEPTEMBER																					
Maijdee Court	86.6	—0.1	93	22	77.9	—0.4	73	22	20.75	+4.65	7.25	26	18	+2.0	X		1	0	0	0	0
Comilla	88.4	—0.2	94	22,24	76.9	0.0	72	18	17.69 (a)	+6.34	4.27	25	17	+3.3	X		5	0	0	0	0
Pabna	88.7	—2.1	94	24	79.3	+2.9	75	16	9.81		X		X		X		18	0	0	0	0
OCTOBER																					
Maijdee Court	87.4	+0.8	92	6	75.1	—0.5	68	27	14.57	+6.44	7.60	11	7	—0.7	X		0	0	0	0	0
Comilla	88.6	+0.4	94	8	74.8	+1.4	67	27	6.03	—0.69	3.02	11	5	—1.6	X		3	0	0	0	0
Pabna	89.7	—0.6	95	8,9	74.8	+2.4	67	27 29	1.09	—3.30	0.49	11	3	—2.5	X		6	0	0	0	0
NOVEMBER																					
Maijdee Court	81.8	—1.5	85	4	65.1	—2.2	56	24	2.00	+0.47	2.00	1	1	—0.9	X		0	0	0	0	0
Comilla	83.4	—0.6	86	4,19,21	64.7	+0.6	57	24	1.59	+0.30	1.59	1	1	—0.6	X		0	0	0	0	0
Srimangal	83.9	—1.6	88	20	58.5	—1.1	50	27	1.75	+0.34	1.74	1	1	—0.7	X		0	0	2	0	0
Pabna	83.4	—2.1	87	7,20	62.1	—1.0	55	20	0.20	—0.50	0.20	1	1	0.0	X		0	0	0	0	0
DECEMBER																					
Maijdee Court	79.6	+1.1	85	2	58.2	—1.5	53	4 days	0.00	—0.28	0.00	0	0	—0.4	X		0	0	5	0	0
Comilla	81.1	+1.9	86	2,9	58.2	+3.4	51	25,26,29	0.00	—0.30	0.00	0	0	—0.4	X		0	0	0	0	0
Pabna	79.2	—0.6	83	10	55.5	+1.3	51	4 days	0.00	—0.15	0.00	0	—0.3	X			0	0	3	0	0
AUGUST																					
Chittagong (P. T.)...	87.2	+1.3	91	13,14	77.8	+1.4	75	31	11.69	—8.73	3.76	31	16	—1.1	2.8	—3.6	2	0	0	0	0

(X) Data not available. (a) Observation for 30 days. (c) Observation for 28 days.

ADDENDA TO M.W.R. FOR JANUARY 1960—DECEMBER, 1960

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

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 95 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
JULY																					
Khanpur (Surf) (X)																					
Compbellpur	99.5	—	108	2	79.9	—	70	15,16	5.35	—	16.8	15	7	—	4.6	—	0	0	0	0	0
Jalalabad (X)																					
Kabul	91.4	—0.6	97	10	59.5	—1.1	53	18	0.00	—0.07	0.00	—	0	—0.3	X	—	0	0	0	0	0
AUGUST																					
Khanpur (Surf) (X)																					
Compbellpur	98.5	—	106	5,9	79.5	—	68	23	4.33	—	1.55	20	8	—	4.7	—	0	0	0	0	0
Jalalabad (X)																					
Kabul	91.6	+0.6	95	9	58.9	+0.6	51	20	0.00	—0.09	0.00	—	0	—0.4	X	—	0	0	0	0	0
SEPTEMBER																					
Leiah	106.2	—	110	14	76.5	—	70	26	0.00	—	0.00	—	0	—	X	—	0	0	0	0	0
Khanpur (Surf) (X)															(p)						
Khanpur (P.B.O.)	102.0	—	107	24	76.1	—	67	30	0.00	—	0.00	—	0	—	2.3	—	1	0	0	0	0
Campbellpur	96.7	—	103	1	72.6	—	65	25	1.03	—	0.81	17	2	—	X	—	0	0	0	0	0
Jalalabad (X)																					
Kabul	83.7	—0.8	93	1	50.2	—1.2	39	28	0.00	—0.04	0.00	—	0	—0.2	X	—	0	0	0	0	0
OCTOBER																					
Leiah	96.2	—	109	1	59.8	—	50	6 days	0.00	—	0.00	—	0	—	X	—	1	0	0	0	0
Campbellpur	91.8	—	99	1	59.4	—	50	29,31	0.00	—	0.00	—	0	—	(f) 1.5	—	0	0	0	0	0
Jalalabad (X)																					
Kabul	74.0	+0.7	86	3,4	38.9	—2.5	32	23,24	0.00	—0.40	0.00	—	0	—0.8	X	—	0	0	0	0	0
NOVEMBER																					
Leiah	83.7	—	90	1,2,3	43.8	—	34	30	0.00	—	0.00	—	0	—	X	—	0	0	0	0	0
Khanpur (Surf) (X)																					
Campbellpur	77.8	—	86	1	45.3	—	34	30	0.00	—	0.00	—	0	—	(f) 1.0	—	0	0	0	0	0
Jalalabad (X)																					
Kabul	56.8	—4.3	69	6	31.1	—1.2	22	28	1.40	.80	0.77	11	3	+1.5	X	—	1	0	0	0	0
DECEMBER																					
Sargodha	72.4	—	80	3	37.6	—	31	9	0.71	—	0.29	31	3	—	(a) 1.4	—	0	0	0	4	0
Leiah	73.1	—	78	4,16	36.3	—	30	10,11	1.25	—	1.25	30	1	—	X	—	0	0	0	0	0
Khanpur (surf) (X)																					
Campbellpur	67.6	—	77	4	36.3	—	29	8	1.58	—	0.82	30	3	—	(f) 0.6	—	0	0	0	0	0
Jalalabad (X)																					
Kabul	48.7	+1.1	57	2	25.1	—1.6	20	7	0.88	+0.31	0.63	31	2	+0.4	X	—	0	0	0	0	0

(a) Mean for 25 days
(b) Mean for 15 days
(c) Mean for 20 days

(*) Data rejected
(X) Data not available
(R) Data not recieved