Pakistan. Meteorological Service

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Pages 1—2
Pages 1—4

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Oct.-Dec.

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 1ST OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The Bay of Bengal depression moved northnortheastwards and is centred at 0300 G.M.T. today within one degree latitude 18°N and longitude 87°E. It is likely to continue move in northnortheasterly direction.

Yesterday's shallow depression off Konkan Kathiawar Coast persists. It is likely to become deffused.

Local rain/thundershowers have occurred in East Pakistan. Local thunderstorms have also been reported from the North-West Frontier Province.

Chief amounts of rainfall are :—Noakhali 2"; Chittagong, Cox's Bazar 1½", Satkhira, Faridpur, 1", each, Sirajganj and Dinajpur ¾" each; Noakhali and Parachinar ¾" each; and Comilla, Srimangal, Mymensingh and Khulna ½" each.

Day temperatures were markedly to considerably above normal in lower Sind and south Baluchistan and appreciably above normal in the Punjab and the Northern sub-divisions of East Pakistan.

Forecast valid until the evening of 2nd :—Fairly widespread rain/thundershowers will occur in East Pakistan and local thunderstorms in the North-West Frontier Province, the extreme north Punjab and Kashmir.

Spell of hot weather to continue in lower Sind till Tuesday; improvement expected thereafter.

Karachi-11.
The 1st October, 1951.

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

OBSERVATIONS

Division	Station	At 1200 Hrs. G.M.T. of previous day: RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_s$D$_M$T$_x$T$_x$	At 0300 Hrs. G.M.T. of date: RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_s$D$_M$T$_n$T$_n$	Departure from Normal: T$_x$T$_x$	T$_n$T$_n$	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Number of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 76	7 00 00	96 03 1	048 83	7 5 8 2 0	1 - 90	146 75	8 13 03	95 61 6	059 75	0 0 8 2 0	9 x x 74	+ 3	- 1	96.0	- 18.0	105.6	140
	Chittagong	137 78	6 05 02	95 60 6	040 77	8 4 7	3 - - 87	172 76	8 11 03	98 60 6	068 76	8 7 4	4 x x 75	0	- 1	88.0	+ 12.1	110.7	108
	Noakhali	025 76	8 13 05	94 50 6	xxx 89	8 9 5 2 4	- x x x x	050 75	8 00 00	94 88 6	xxx 76	5 1 5 2 -	xx	—		—		—	125
	Comilla	000 32	4 18 02	98 03 1	029 93	4 8 7 0 0	- - - 90	021 79	8 13 09	98 51 1	062 82	8 5 7 0 0	9 0 0 77	+ 2	+ 1	94.9	+ 31.6	102.8	96
	Brahmanbaria	000 79	8 00 00	97 03 1	032 90	6 4 5 0 8	- x - 94												75
	Dacca	xxx 79	8 00 00	96 29 0	031 82	4 8 4 8 9	3 - x 91	xxx 78	8 09 03	95 61 9	059 79	0 0 9 0 2	9 x x 75	—	—	—	—		—
	Narayanganj	000 76	8 00 00	92 08 2	031 88	8 4 5 7 -	2 - x 91	205 76	8 07 03	94 61 6	057 79	0 0 9 8 7	9 0 x 74	+ 3	+ 4	59.6	+ 10.9	78.6	74
	Mymensingh	000 79	8 00 02	99 02 2	041 85	8 7 8 -	- - - 91	020 77	8 00 02	98 02 6	071 80	8 4 7 - -	0 x x 77	+ 4	- 2	39.7	- 23.3	47.8	81
	Srimangal	000 77	7 18 02	96 04 1	044 85	6 4 5 0 1	- x - 91	030 77	8 00 02	98 02 6	067 79	8 5 6 x x	8 x x 74	0	0	91.9	+ 43.3	99.3	89
	Khulna	000 76	4 00 00	97 03 1	036 80	4 8 7 0 0	- - - 86	128 80	8 18 04	90 83 5	040 79	8 7 8 7 7	- - 76	- 2	0	42.4	- 8.0	50.9	88
	Satkhira	090 70	8 23 02	96 05 1	026 81	5 4 6 6 0	- - x 89	098 77	8 18 02	97 03 6	088 86	8 9 8 0 0	- 75	+ 1	- 1	31.1	- 15.3	30.1	85
	Jessore	000 73	8 09 02	96 02 3	038 84	8 8 8 8	- - x 90	016 78	8 50 11	— —	045 79	8 8 8 0 0	9 x x 76	—	—	31.7	- 13.4	38.7	85
	Faridpur	073 79	8 00 00	96 61 8	032 81	8 7 5 0 0	- - - 83	119 76	8 11 06	95 60 6	058 78	8 7 5 0 0	9 x x 76	- 4	- 3	44.6	2.8	51.6	71
	Barisal																		81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	065 75	8 09 00	98 95 9	016 89	8 7 6 0 0	1 0 0 90	085 76	8 00 00	98 02 2	051 80	8 2 7 0 0	6 0 0 76	+ 2	- 1	48.8	+ 1.8	56.8	64
	Bogra	000 79	7 09 00	98 08 1	032 88	2 2 6 2 x	x 91	001 75	7 07 03	96 02 9	066 81	3 5 6 2 x	9 x 0 77	+ 5	0	32.8	17.8	39.5	69
	Dinajpur	040 75	6 00 00	98 97 0	049 76	0 0 9 2 0	1 - 6 84	071 76	8 09 02	97 02 2	101 79	0 0 9 2 0	- - - 74	+ 6	- 2	41.8	14.8	48.1	72
	Rangpur	000 1x	8 09 02	98 02 5	— —	8 5 8 - -	- - - xx	006 xx	8 00 00	98 02 5	— —	8 5 8 0 0	- - - —			65.1	+ 2.1	74.4	84
KASHMIR	Srinagar†																		-
	Gulmarg††																		-
	Sonamarg††																		-
	Dras†																		-
	Leh††																		-
	Skardu†																		-
	Gilgit*																		-
	Misgar																		-
	Astore																		-
PUNJAB	Lyallpur	000 71	1 00 00	96 01 0	024 87	0 0 9 0 2	- - - 00	000 67	8 16 02	96 01 0	074 83	0 0 9 0 2	x - 77	+ 2	+ 10	5.0	- 3.2	10.2	11
	Lahore	000 71	1 00 00	97 01 1	028 97	1 1 7 0 0	6 x x 07	000 73	0 00 00	95 05 0	073 85	0 0 9 0 0	- - - 76	+ 9	+ 11	19.6	- 3.8	14.7	19
	Sialkot	000 87	5 31 03	97 03 1	018 96	0 0 9 0 3	- - - 87	000 71	1 33 02	97 01 1	072 84	1 0 8 6 0	- - x 79	+ 2	+ 11	18.8	- 10.0	15.7	82
	Jhelum							000 70	1 00 00	96 00 0	073 83	0 0 9 0 1	- x - 75		—	16.5	—	25.8	—
	Rawalpindi	000 61	3 23 02	99 01 1	021 95	8 2 7 0 0	- - - 99	000 55	2 00 00	98 01 1	070 76	0 0 9 2 2	- x x 69	+ 6	+ 6	14.0	8.8	25.7	28
	Murree†	000 56	6 23 03	96 03 1	066 69	3 1 4 3 0	8 x 5 73	010 58	0 00 00	98 00 1	077 65	0 0 9 0 0	- - - 63	+ 3	+ 6	21.0	13.8	48.5	59
	Attock	xxx xx	0 34 02	98 00 0	—	0 0 9 0 0	- - - —	xxx xx	0 08 02	97 00 0	— —	0 0 9 0 0	- - - xx	—		—			—
	Khushab	000 78	0 18 02	98 08 0	022 00	0 0 9 0 0	- - - 08	000 68	0 05 02	98 00 0	066 85	0 0 9 0 0	- - - 78	+ 5	+ 9	3.0	- 7.2	8.0	14
	Montgomery	000 68	0 00 00	97 00 0	026 98	0 0 9 0 0	- - - 01	000 69	0 00 00	97 00 0	065 84	0 0 9 0 0	- - - 76	+ 2	+ 8	2.5	- 5.0	6.1	10
	Leiah	000 88	0 08 02	97 10 0	028 00	0 0 9 0 0	- - - 04	000 77	0 20 03	97 00 0	056 85	0 0 9 0 0	- - 80	—		4.8		4.6	8
	Multan	000 85	0 00 00	97 00 0	026 01	0 0 9 0 0	- - - 04	000 65	0 16 02	96 00 0	059 85	0 0 9 0 0	- - - 80	+ 6	+ 10	3.8	- 1.1	5.9	7
	Khanpur	000 73	0 36 05	96 04 0	022 00	0 0 9 0 0	- - - 04	000 70	0 11 02	96 05 0	064 87	0 0 9 0 0	- - - 77	+ 4	+ 8	0.8	4.5	1.9	6
	Bahawalpur	000 76	0 00 00	97 00 0	024 99	0 0 9 0 0	- - - 02	000 71	0 00 00	97 00 0	066 84	0 0 9 0 0	- - - 76	+ 3	+ 8	1.0	2.5	5.0	6
	Fort Abbas	000 90	0 05 02	96 09 0	018 90	0 0 9 0 0	0 x x 08	000 74	0 23 02	96 00 0	061 90	0 0 9 0 0	0 x x 79		—	2.8	—	5.7	5
N. W. F. P.	Drosh*	000 51	7 00 00	97 17 9	935 80	7 9 8 0 0	8 x x 97	000 47	0 00 00	99 00 9	979 67	0 0 9 0 0	9 x x 60	+ 3	+ 2	1.8	—	22.0	18
	Chakdara	000 62	0 31 02	99 00 0	018 91	0 0 9 0 0	- - - 95	000 57	0 09 02	98 00 0	0-8 73	0 0 9 0 0	- 67		—	6.6	—	18.8	—
	Cherat*	000 41	5 31 02	97 01 1	957 81	0 0 9 0 9	4 7 x 87	000 44	0 16 05	97 00 0	977 74	0 0 9 0 0	- - - 67	+ 4	—	0.0	- 0.0	28.0	29
	Peshawar	000 64	8 05 02	96 03 1	024 99	4 9 4 2 3	1 7 0 95	000 50	0 34 07	96 05 0	082 74	0 0 9 0 0	- - 70	+ 2	+ 5	1.3	2.2	9.6	24
	Parachinar	050 55	8 31 05	97 93 9	960 80	4 2 4 6 7	3 9 9 54	000 50	0 00 00	99 00 9	976 70	0 0 9 0 0	- - - 56	+ 6	+ 5	9.9	—	37.4	20
	Miranshah	000 63	3 07 05	98 01 1	921 92	0 0 9 2 1	- - - 92	003 59	0 00 00	99 00 0	972 78	0 0 9 0 0	- - - xx	—		3.4	- 1.1	10.5	18
	Bannu	000 58	0 11 03	99 00 0	020 98	0 0 9 0 0	- - - 98	000 64	0 06 02	99 00 0	974 82	0 0 9 0 0	- - - 74	—		0.9		5.8	11
	D. I. Khan	000 65	0 00 00	96 00 0	026 01	0 0 9 0 0	- - - 03	000 69	0 00 00	96 00 0	018 75	0 0 9 0 0	- - - 75	+ 5	+ 7	1.1	- 4.8	2.8	2
	Wana																		11
	Landikotal	000 64	5 05 03	98 02 1	986 83	5 0 8 7 0	- - - 89	000 50	0 00 00	98 05 1	964 77	0 0 9 0 0	- - - 65		—	2.4	—	18.0	—
	Bangu	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - xx	—	—		—	—	—
	Thall							xxx xx	0 09 09	99 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	-
BALUCHISTAN	Fort Sandeman	000 29	1 23 06	97 01 1	936 00	0 0 9 4 0	5 x x 93	000 51	0 00 00	95 05 0	981 70	0 0 9 0 0	- - - 64	+ 5	+ 5	4.1	- 0.9	10.0	11
	Hindubagh	000 35	1 23 12	97 01 1	950 82	1 1 8 0 0	7 x x 87	000 43	0 27 02	98 00 0	975 67	0 0 9 0 0	- - - 56	—	—	0.2	—	3.5	—
	Loralai	000 69	0 18 05	98 00 0	934 85	0 0 9 0 0	- - 89	000 46	0 31 05	98 00 0	973 68	0 0 9 0 0	- - - 56	—	—	1.7	—	8.1	—
	Barkhan (a)	000 xx	1 09 02	95 01 1	— —	0 0 9 0 8	3 x 1 —	000 xx	0 27 02	95 00 0	— —	0 0 9 0 0	- - - xx			2.0	- 5.5	10.6	14
	Sibi	000 42	0 28 06	98 00 0	012 05	0 0 9 0 0	- - - 06	000 53	0 01 00	98 00 0	057 84	0 0 9 0 0	- - - 79	—	—	1.2	—	3.8	5
	Quetta†	000 35	0 31 07	99 00 0	968 82	0 0 9 0 0	- - - 83	000 29	0 00 00	99 00 0	967 59	0 0 9 0 0	- - - 45	—	—	0.8	- 0.2	9.2	9
	Chaman	000 79	0 25 03	97 00 0	940 87	0 0 9 0 0	- - - 85	000 61	0 21 03	97 00 0	979 72	0 0 9 0 0	- - - 63	+ 1	+ 9	0	- 0.2	9.6	8
	Nushki	000 53	0 31 07	97 00 0	012 92	0 0 9 0 0	- - - 95	000 19	0 29 03	96 00 0	037 74	0 0 9 0 0	- - - 71		—	0	—	5.5	—
	Dalbandin*	000 63	0 23 03	97 00 0	964 95	0 0 9 0 0	- - - 97	000 39	0 00 00	97 00 0	976 70	0 0 9 0 0	- - - 68	0	—	0	- 0.8	1.8	4
	Nokkundi	000 64	0 34 09	99 00 0	024 96	0 0 9 0 0	- - - 99	000 30	0 00 00	99 00 0	087 78	0 0 9 0 0	- - - 57	—	—	0	—	0.9	2
	Kalat†	000 54	0 31 05	98 00 0	977 78	0 0 9 0 0	- - - 81	000 39	0 18 05	98 00 0	891 57	0 0 9 0 0	- - - 49	+ 1	+ 6	0.8	- 0.4	9.7	7
	Turbat	000 41	0 02 05	97 00 0	045 09	0 0 9 0 0	- - - 18	000 48	0 08 05	98 00 0	059 81	0 0 9 0 0	- - - 75	—	—	0	—	1.4	—
	Panjgur*	000 29	0 31 07	97 00 0	058 92	0 0 9 0 0	- - - 94	000 31	0 05 02	97 00 0	984 65	0 0 9 0 0	- - 59	0	- 1	0	—	3.2	5
	Las Bela	000 71	0 22 04	99 00 0	013 12	0 0 9 0 0	- - - 15	000 61	0 00 00	99 00 0	064 53	0 0 9 0 0	- - - 71	—	—	1.8	—	1.7	5
	Ormara	000 49	0 25 02	97 00 0	014 03	0 0 9 0 0	- - - 03	000 78	0 99 00	96 00 0	048 80	0 0 9 0 0	- - 74	—	—	0.2	- 0.5	3.0	8
	Pasni	000 70	0 23 09	93 00 0	024 95	0 0 9 0 0	- - - 05	000 62	0 09 00	95 00 0	047 82	0 0 9 0 0	- - - 61	+ 14	+ 12	0.0	0.1	5.0	5
	Jiwani																		4
SIND	Rohri	000 88	0 34 05	98 00 0	019 03	0 0 9 0 0	- - - 04	000 68	0 00 00	96 00 0	062 83	0 0 9 0 0	- - - 75	—	—	1.7	—	2.2	—
	Jacobabad	000 64	0 13 05	97 00 0	019 03	0 0 9 0 0	- - - 06	000 79	0 05 02	97 00 0	056 82	0 0 9 0 0	- - - 77	+ 5	+ 6	0.2	2.0	0.7	4
	Sukkur	000 87	0 xx xx	96 00 0	020 00	0 0 9 0 0	- - - 03	000 69	0 xx xx	96 00 0	052 84	0 0 9 0 0	- - - 79		—	0.5	—	1.0	4
	Pad Idan	000 63	0 26 09	99 00 0	028 02	0 0 9 0 0	- - - 05	000 76	0 16 05	99 00 0	047 85	0 0 9 0 0	- - - 74	—	—	0.8	—	0.9	—
	Karachi (Manora)	000 74	0 25 09	98 00 0	015 87	0 0 9 0 0	- - - 09	000 62	0 00 00	94 06 0	048 83	0 0 9 0 0	- - - 78	+ 13	+ 1	1.5	- 4.5	1.6	3
	Karachi (A. P.)	000 66	1 25 09	97 08 1	015 04	1 1 6 0 0	- - - 10	000 64	0 36 02	97 00 0	047 81	0 0 9 0 0	- - - 78	—	—	2.9	—	3.0	—
	Badin	000 76	0 31 06	97 00 0	010 00	0 0 9 0 0	- - - 06	000 75	0 05 03	97 00 0	054 88	0 0 9 0 0	- - - 78	+ 10	+ 6	7.0	- 0.2	7.0	3
	Nagarparkar																		
	Chhor (Umarkot)	000 55	0 36 07	97 00 0	037 05	0 0 9 0 0	- - - 08	000 72	0 02 03	97 00 0	044 85	0 0 9 0 0	- - - 77	—	—	2.1	—	2.1	—
	Hyderabad	000 40	0 24 03	97 00 0	011 04	0 0 9 0 0	- - - 06	000 65	0 56 02	97 00 0	047 84	0 0 9 0 0	- - - 84	+ 7	+ 10	1.5	- 4.5	2.0	7
JUNAGADH	Veraval																		16
AFGHANISTAN	Kabul	000 48	2 02 02	98 01 1	027 89	1 8 8 1 0	- - - 96	000 38	0 25 07	97 00 0	003 60	0 0 9 0 0	- - - 52	—	—	0.7	—	10.6	18
	Jalalabad	000 60	8 09 02	98 01 0	089 94	0 0 9 7 0	8 x 9 96	000 62	0 00 00	98 00 1	005 78	0 0 9 0 0	9 x x 71	—	—	0.6	—	4.9	—
	Kandahar	000 49	0 00 00	93 00 0	022 81	0 0 9 0 0	- - - 93	000 35	0 00 00	97 00 0	964 53	0 0 9 0 0	- - - 48	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

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National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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March 28, 2002

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 1ST OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_xD_mT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_xD_mT_xT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal Rainfall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar																		
	Jast																		
	Mashec																		
	Bushire																		
Arabia	Muscat	000 76	0 03 02	97 00 0	053 89	0 0 4 0 0	- - - 00	000 33	0 27 02	97 00 0	065 02	0 0 4 0 0	- - - xx	- 2	—	0	- 0.1	8.8	
	Bharain	000 xx	0 05 03	97 00 0	081 97	0 0 9 0 0	- - - 98	000 xx	0 30 03	97 00 0	081 89	0 0 9 0 0	- 80	—	—	0	—	1.5	

* Barometer readings reduced to 1 geodynamic Kilometre 2,350-2,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049,-10,080 feet according to latitude.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed.
(a) Records only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	VQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$td_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalamani	13 166	721 06	7 21 20	98 02 2	031 94	x7 x 21	3 3 005	—	—	—
Tectus	13 200	594 06	2 26 10	99 02 0	104 81	21 5 00	1 5 313	—	0 51 70	1 26 31
Jalamanijari	13 146	787 12	7 18 09	98 02 2	018 86	83 4 —		—	—	—
Jalamani	13 157	705 12	8 26 18	98 02 2	014 76	x8 x 51	3 3 309	—	—	—
Bombay	13 105	754 12	7 27 13	97 02 0	030 71	73 6 20	2 4 h00	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			PtPththth		TtTtTdtTdtTx1 etc.			5555		hthtPtPtPt		TtTtTdtTdtTx1 etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	000 55	203 60	854 87	281 15	703 18	110 23	509 23	659 94	555 55	059 83	351 76	129 00	311 24	668 00	211 09	356 22	019 97	456 00	029 94	565 77	039 97	009 90	454 85	779 04

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff.)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ††										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ††						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ††							
	1	2	3	4	5	10	14	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bagra	19 10	09 10	11 10	11 15	11 20	11 21	11 19	13 08	—	—	No	ascent	Rain	—	—	—		—		—	—			
Chhor	05 20	04 08	05 06	04 10	03 12	13 22		—	—	—			—	—			13 11	12 15	11 13	05 10	01 16	04 25	03 25	04 25
Chittagong	35 08	19 01	18 01	14 10	14 10	—	—	—	—	—	No	ascent	Rain	—	—	—			No	ascent	—	—	—	—
Cox's Bazar	Flight	failure		—	—	—	—	—	—	—	No	ascent	Rain	—	—	—	—	—	No	ascent	—	—	—	—
Dacca	18 07	16 05	14 03		—			—			10 22	11 25	15 20	12 35	11 26	11 11	—	—		—		—		
Dalbandin		—	calm	27 08	27 10	30 15	01 03	01 11	24 07	30 07			01 10	07 07	09 05	27 09	—		05 02	04 06	05 05	55 10	01 07	33 15
Drosh		—			22 10	19 19	19 12	—	—	—	—		—	23 02	25 01	08 01	—		—	—	04 03	01 08	12 04	30 12
Fort Sandeman	—		—	05 01	24 03	20 06	19 06	—	—	—	—	—	—	35 05	30 07	30 10	—		—	31 03	35 07	30 10	21 05	31 30
Gilgit	21 12	25 09	01 09	02 10	03 11	04 14	04 10	27 13	01 08	32 31	18 04	15 03	16 01	56 02	24 04	34 09	16 05	12 02	15 01	13 01	21 08	34 04	26 17	—
Jacobabad	18 04	20 04	26 04	31 05	34 05	33 09	36 10	35 09	—	—	31 04	25 03	20 04	29 05	28 08	31 11	09 08	11 14	19 08	26 11	19 09	26 11	28 05	34 02
Jiwani																								—
Karachi	04 08	02 07	02 07	01 14	01 15	05 12	07 11	01 08	15 15	27 28	39 12	29 13	29 03	10 07	07 18	05 13	01 03	55 05	35 04	35 04	02 04	08 15	03 14	—
Khanpur	02 09	02 04	05 05	03 07	04 09	01 19	07 11	35 06			07 12	03 15	10 09	15 04	13 05	35 17	14 07	19 07	20 07	24 04	32 07	01 08	09 06	—
Lahore	25 01	31 04	30 03	01 04	09 09	05 10	05 09	36 12	34 14	33 19	20 08	28 07	24 04	01 06	31 11	38 10	22 04	22 07	28 08	04 01	01 05	05 08	33 13	33 13
Multan	15 05	13 03	13 07	15 07	14 06	08 09	05 11	35 12	36 10	31 19	13 15	13 12	15 06	21 03	06 06	36 13	17 12	17 12	20 09	—	31 06	27 02	04 13	29 12
Peshawar	—	06 05	07 03	23 05	25 06	26 05	28 13	29 12	22 25	27 27	—	10 04	10 05	12 07	17 12	29 13	—	01 04	05 02	23 09	18 12	25 10	31 12	29 14
Quetta					24 02	30 05	27 05	01 06	32 23	26 19	—	—	—	—	23 12	33 21	—	—			10 02	23 04	34 06	—
Bushire						—					—	—			—						—		—	
Bharain						—																	—	

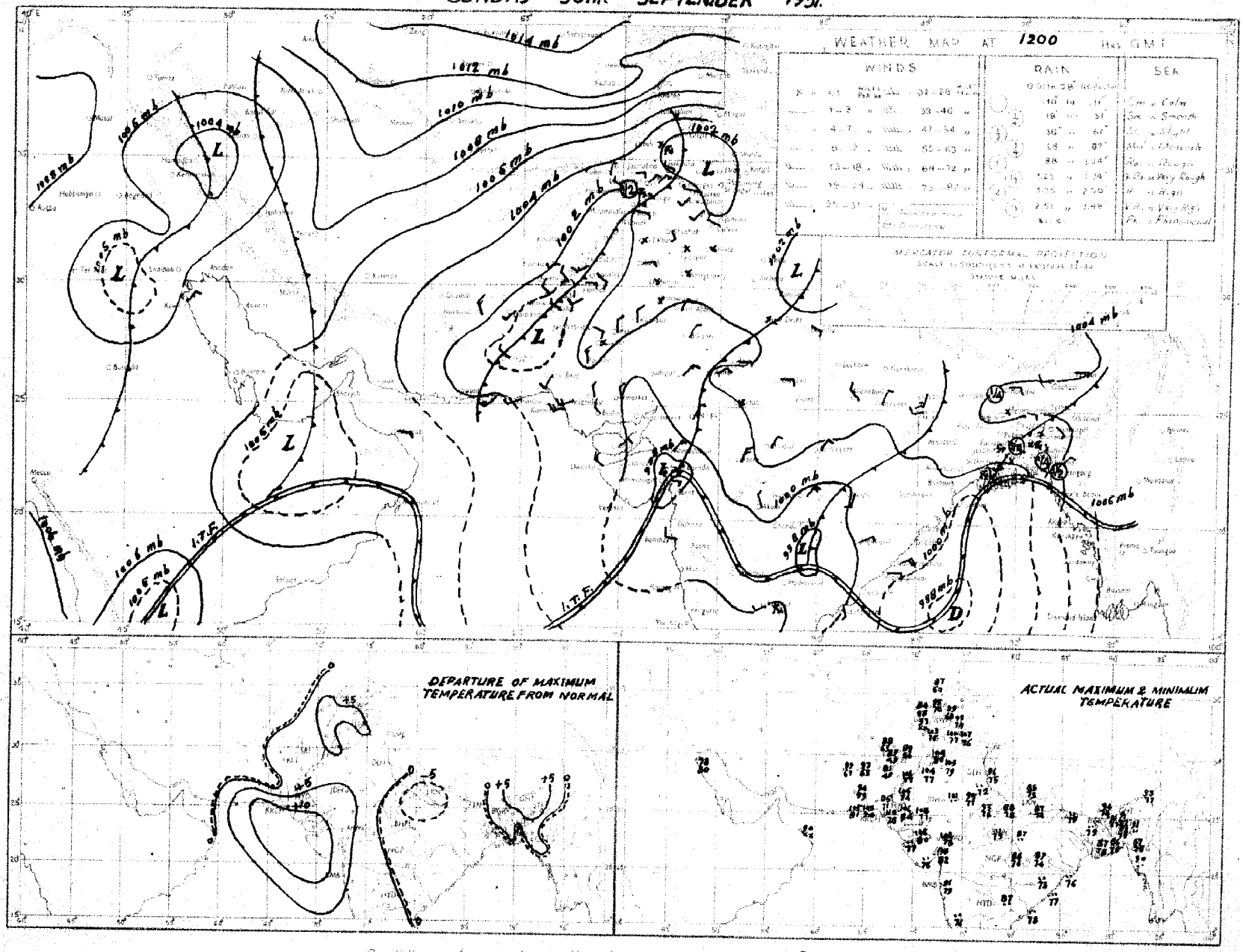
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 2.1, 3.0 4.0 5.0, 7.0, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

Cloud Observation Data (iiiGG Cddv. v.)

PAKISTAN DAILY WEATHER MAP

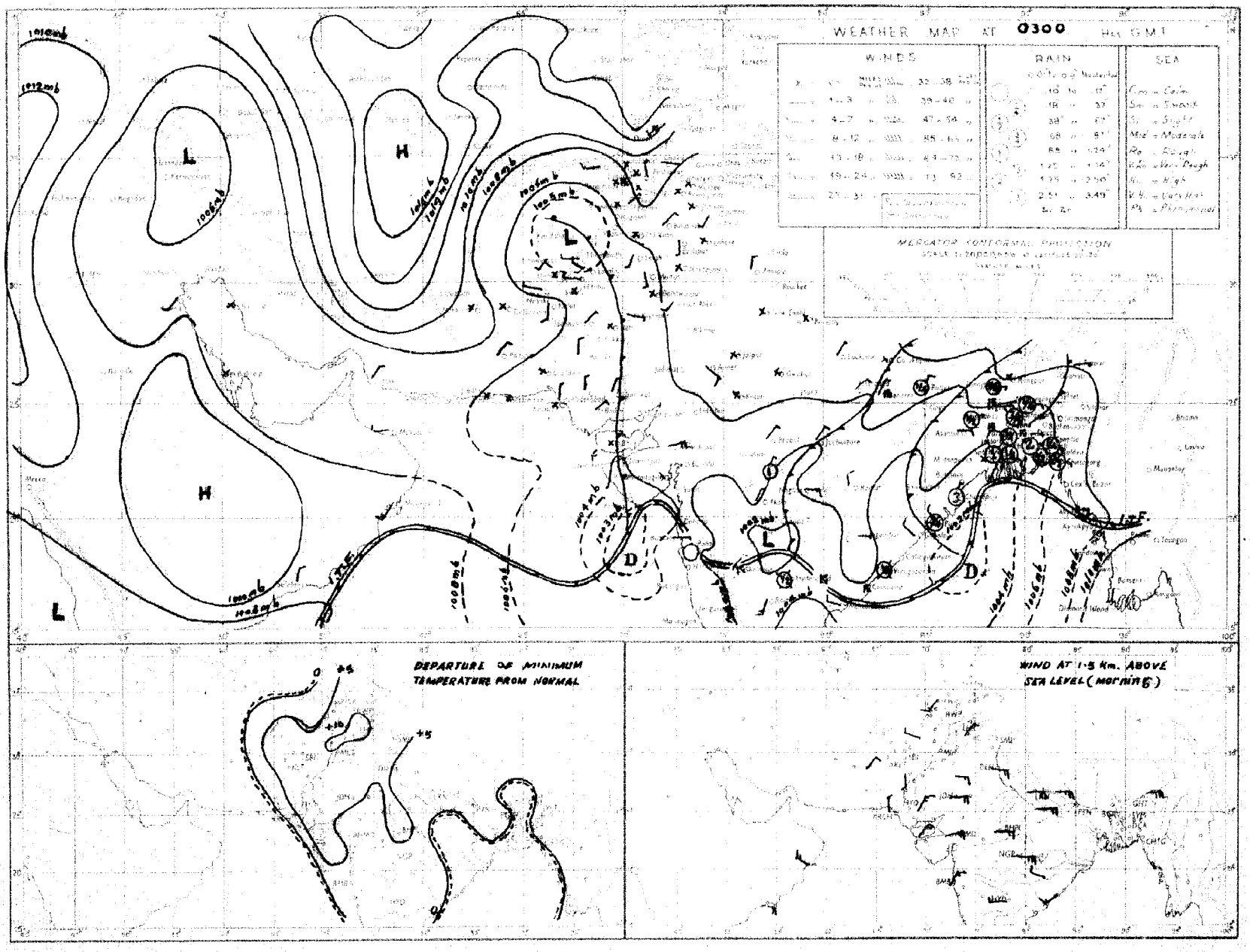
SUNDAY 30th. SEPTEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 1st OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1674

FOR TUESDAY, THE 2ND OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The Bay of Bengal depression moved northwards and lies as a low over Orissa and the adjoining Bengal. It is likely to move northnortheastwards.

The shallow depression off Konkan-Kathiawar Coast lies as a trough and is likely to become, unimportant.

A low pressure wave moving eastwards across Russian Turkistan is likely to affect the extreme north of West Pakistan.

Fairly widespread rain has occurred in East Pakistan. Scattered thunderstorms have also been reported from the North-West Frontier Province.

Chief amounts of rainfall are:—Chittagong 10"; Noakhali and Comilla 3" each; Narayanganj, Mymensingh and Barisal 2" each and Srimangal 1½".

Day temperatures were markedly to considerably below normal in the Deltaic and Eastern sub-divisions of East Pakistan. They were markedly to considerably above normal in lower Sind and south Baluchistan and appreciably above normal elsewhere over West Pakistan.

Forecast valid until the evening of 3rd:—Fairly widespread and locally moderate to heavy rain will occur in East Pakistan. Local thunderstorms/showers will also occur in Kashmir the North-West Frontier Province and the north Punjab.

Karachi-11.
The 2nd October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T of previous day: RRRT_dT_d	N dd ff	VVwwW	PPPTT	N_hC_Lh C_MC_H	W_tD_sD_MT_xT_x	At 0300 Hrs. G. M. T. of date: RRRT_dT_d	N dd ff	VVwwW	PPPTT	N_hC_Lh C_MC_H	W_tD_sD_MT_nT_n	Departure from Normal: T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	185 76	8 18 18	92 63 6	039 77	2 5 4 2 0	9 × 79		8 16 09	96 60 6	089 77								140
	Chittagong	067 75	8 11 05	95 60 6	027 76	8 7 4 -	9 - · 77	957 75	8 18 09	95 51 6	××× 78	8 7 4	9 × × 74	- 8	2	99.5	+21.4	129.2	108
	Noakhali	196 75	8 09 05	94 63 6	××× 76	8 8 4 - -	- - - ××	310 77	8 13 09	97 61 6	062 77	6 1 5 2	75	10				—	115
	Comilla	150 75	8 18 05	98 03 6	029 76	8 5 7 ·	- - - 78	251 75				8 5 6 0 0	2 0 0 75	- 11	- 1	97.5	+33.7	104.9	94
	Brahmanbaria	022 75	8 05 02	96 60 6	××× 78	8 7 5 - -	- - 80		8 18 08	94 60 6	046 79								78
	Dacca	××× 75	8 09 02	95 61 6	022 76	8 7 4 - -	9 - - 78	××× 78	8 09 02	95 62 6	044 79	7 7 3 2	9 × × 74		—	—	—	—	—
	Narayanganj	060 75	8 09 07	93 58 6	022 77	8 7 4 - -	9 - - 78	215 75	8 09 02	96 61 6	080 78	8 5 4 - 4	9 × × 75	- 11	3	59.7	+10.9	80.6	74
	Mymensingh	009 79	8 09 02	98 02 2	××× ××	8 4 7 - -	- - - 86	232 78	8 00 00	92 81 6	067 74	8 6 5 - -	0 × × 76	- 1	3	42.1	21.7	50.2	91
	Srimangal	005 77	6 05 02	93 50 6	××× ××	6 5 7 2 -	7 - 6 81	137 74	4 18 03	97 01 1	052 80	5 5 6 2 -	9 × 4 78	10	- 1	93.3	+33.8	100.7	98
	Khulna	025 76	8 09 03	96 02 5	009 79	8 7 7 - -	- - - 81	047 78	8 13 02	97 03 6	028 80	4 8 7 2 0	- - - 78	- 7	0	42.6	6.5	51.4	68
	Satkhira	021 78	8 00 00	97 63 5	008 79	8 8 6 - -	- - - 79	047 79	8 13 03	95 03 6	046 82	8 8 6 0 0	- 77	- 10	+ 1	31.9	14.7	39.8	65
	Jessore	010 75	8 09 09	95 03 6	014 77	8 8 6 - -	2 - - 80	055 79	8 16 09	96 50 5	045 79	8 8 6 0 0	9 × × 78	—		32.3	12.0	39.3	66
	Faridpur	018 75	8 11 09	95 60 6	015 77	8 7 5 - -	9 - - 78	638 78	8 16 03	96 61 6	058 79	7 7 5 1 0	9 × × 78	- 10	1	45.0	2.4	51.4	71
	Barisal	123 76	8 11 05	96 21 6	009 77	6 7 5 2 -	9 - × 78	185 78				5 7 5 2 -	6 × × 77	- 10	0	59.5	6.4	61.1	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 86	8 09 03	98 02 3	020 80	8 4 6 - -	- - - 83	019 76	8 09 03	98 02 2	042 79	8 4 6 0 0	9 0 0 76	- 5	2	47.9	+ 2.5	58.0	64
	Bogra	000 33	7 09 05	96 03 5	030 81	5 8 6 0 2	8 - × 87	020 74	8 05 05	94 51 5	049 76	5 7 4 2	9 × 0 75	2	2	32.8	17.8	39.7	69
	Dinajpur	000 76	8 09 02	96 02 2	045 79	8 4 7 -	- - - 87	000 73	8 05 05	97 02 2	072 81	8 0 8 2 0	- - - 75	- 2	- 1	41.8	14.5	46.1	71
	Rangpur	000 ××	7 09 02	96 02 1	— —	7 6 8 0 0	- - - ××	006 ××	2 07 02	96 02 1	— —	2 1 8 0 0	- - - —	—	—	65.1	+ 2.7	74.4	86
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 69	1 27 02	96 01 0	021 97	0 0 9 0 2	- × × 00	000 65	0 16 02	98 00 0	058 83	0 0 9 0 0	- - - 78	+ 4	+11	5.9	3.2	10.2	18
	Lahore	000 71	0 00 00	97 00 1	021 97	0 0 9 0 0	- - - 01	000 72	0 11 02	96 00 0	074 85	0 0 9 0 0	- - - 76	+ 3	+11	10.6	3.8	14.7	19
	Sialkot	000 68	4 00 00	97 03 1	021 95	4 0 8 6 1	- × × 99	000 69	2 09 02	97 02 1	084 84	2 0 8 6 0	- - - 77	+ 4	+ 9	13.3	0.7	18.8	32
	Jhelum							000 67	0 00 00	96 00 0	078 81	0 0 9 0 0	- - - 74		—	16.5		25.8	—
	Rawalpindi	000 59	8 00 00	99 01 1	027 93	0 0 9 0 5	- × - 99	000 52	8 16 02	97 01 1	078 80	0 0 9 2 0	- - - 72	+ 7	+10	14.9	8.7	25.7	36
	Murree †	000 64	6 00 00	96 03 1	018 ××	2 2 7 0 9	- × - 00	000 59	0 13 02	96 02 1	980 64	5 9 4 6 9	- - - 57		+ 5	21.9	13.9	43.5	59
	Attock	××× ××	0 13 05	98 00 0	— —	0 0 9 3 0	- - × ××	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - -	—		—		—	—
	Khushab	000 70	0 36 02	98 00 0	××× 98	0 0 9 0 0	- - - 30	000 67	0 00 00	98 00 0	064 88	0 0 9 0 0	- - - 76	+ 5	+ 7	3.1	- 7.2	8.0	15
	Montgomery	000 67	0 00 00	96 00 0	021 98	0 0 9 0 0	- - - 02	000 69	0 00 00	96 00 0	006 84	0 0 9 0 0	- - - 77	+ 3	+ 7	2.5	5.0	6.1	10
	Leiah	002 91	0 31 02	97 00 0	020 03	0 0 9 0 0	- - - 04							—					8
	Multan	000 65	0 18 02	97 00 0	017 01	0 0 9 0 0	- - - 04	000 64	0 16 05	97 00 0	060 83	0 0 9 0 0	- - - 78	+ 6	+ 8	3.8	1.1	6.9	7
	Khanpur	000 78	0 36 03	95 05 0	××× 87	0 0 9 0 0	- - - 03	000 73	0 00 00	94 04 0	065 85	0 0 9 0 0	- - - 75	+ 4	+ 6	0.3	4.5	1.9	6
	Bahawalpur	000 78	0 00 00	97 00 0	017 90	0 0 9 0 0	- - - 08	000 73	0 00 00	97 00 0	048 89	0 0 9 0 0	- - - 78	+ 6	+10	1.9	2.5	5.0	6
	Fort Abbas	000 90	0 23 03	96 00 0	009 99	0 0 9 0 0	- - - 02	000 75	0 18 02	98 00 0	069 92	0 0 9 0 0	0 × × 80		—	2.8	—	8.7	8
N. W. F. P.	Drosh *	000 47	8 23 03	97 03 2	994 87	8 5 6 - -	- - - 86	000 53	0 00 00	×× 00 9	980 63	0 0 9 0 0	- - - —	+ 4	—	1.8	—	22.0	18
	Chakdara	000 55	0 05 05	99 00 0	014 89	0 0 9 0 0	- - - 95	000 53	0 31 02	98 00 0	061 75	0 0 9 0 0	- - - 57		—	6.5	—	18.8	—
	Cherat *	000 45	7 18 05	97 03 1	952 81	0 0 9 8 0	3 - 6 88	000 53	6 23 04	97 00 0	980 74	0 0 9 0 0	- - - 67	—	—	6.0	6.0	28.0	29
	Peshawar	000 59	7 21 02	96 05 1	031 87	5 9 6 7 0	- × 93							+ 1					14
	Parachinar	006 56	7 13 02	99 29 9	956 71	4 2 6 6 6	2 9 9 81	006 48	0 05 02	99 00 9	974 65	0 0 9 0 0	9 × × 58	+ 4	+ 6	9.9	—	27.4	29
	Miranshah							000 53	0 00 00	99 00 0	970 79	0 0 9 0 0	- - - 71		—	3.6	1.1	10.5	13
	Bannu	000 55	4 18 08	99 02 0	051 97	0 0 9 3 0	- - × 98	000 65	0 05 02	99 00 0	059 78	0 0 9 0 0	- - - 78	—	—	0.9		5.8	11
	D. I. Khan							000 65	0 13 02	96 00 0	056 82	0 0 9 0 0	- - - 81		+13	1.1	4.4	2.8	9
	Wana																		11
	Landikotal	000 61	7 05 02	97 02 1	937 82	7 6 6 0 0	- - - 87	000 58	0 00 00	96 05 1	968 75	0 0 9 0 0	- - - 68	—	—	2.4	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - ××	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - -	—	—		—	—	—
	Thall							××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - -	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 11	0 23 05	97 00 0	031 90	0 0 9 0 0	- - - 93	000 29	0 00 00	96 05 0	081 70	0 0 9 0 0	- - - 61	+ 5	+ 2	4.1	- 0.9	5.0	11
	Hindubagh	000 27	0 23 09	98 00 0	975 85	0 0 9 0 0	- - - 87	000 42	0 23 02	98 00 0	970 72	0 0 9 0 0	- - - 55	—	—	0.2	—	8.5	—
	Loralai	000 51	0 00 00	96 00 0	979 85	0 0 9 0 0	- - - 88	000 34	0 27 05	98 00 0	977 66	0 0 9 0 0	- - - 55	—	—	1.7	—	6.1	
	Harnai (a)	000 ××	0 09 02	96 08 0	— —	0 0 9 0 0	- - - —	000 ××	0 27 02	95 00 0	—	0 0 9 0 0	- - - ××	—	—	2.0	5.5	10.0	14
	Sibi	000 47	0 23 05	98 00 0	008 06	0 0 9 0 0	- - - 06	000 50	0 00 00	98 00 0	060 83	0 0 9 0 0	- - - 75	—	—	2.2	—	3.8	5
	Quetta †	000 41	0 31 02	99 00 0	958 85	0 0 9 0 0	- - - 85	000 38	0 00 00	99 00 0	971 58	0 0 9 0 0	- - - 44	—		0.8	0.2	9.2	9
	Chaman	000 78	0 27 02	97 00 0	947 89	0 0 9 0 0	- - - 91	000 57	0 00 00	97 00 0	902 75	0 0 9 0 0	- - - 63	+ 5	+ 9	0	0.2	9.0	8
	Nushki	000 40	0 31 05	97 00 0	005 93	0 0 9 0 0	- - - 95	000 30	0 07 06	96 00 0	032 80	0 0 9 0 0	- - - 71	—	—	0	—	5.5	—
	Dalbandin *	000 65	0 13 06	97 00 0	948 98	0 0 9 0 0	- - - 97	000 38	0 00 00	97 00 0	979 68	0 0 9 0 0	- - - 60	—	—	0	0.8	1.8	4
	Nokkundi	000 59	0 34 02	99 00 0	011 99	0 0 9 0 0	- - - 02	000 43	0 00 00	99 00 0	079 74	0 0 9 0 0	- - - 72	—	—	0	—	0.9	2
	Kalat †	000 53	0 31 05	98 00 0	967 79	0 0 9 0 9	- - - 84	000 34	0 18 05	98 00 0	996 56	0 0 9 0 0	- - - 49	+ 5	+ 6	0.8	0.5	9.7	7
	Turbat	000 41	0 03 05	97 00 0	014 09	0 0 9 0 0	- - - 12	000 47	0 03 03	96 00 0	061 82	0 0 9 0 0	- - - 75	—	—	0		1.4	—
	Panjgur *	000 21	0 31 07	97 00 0	016 98	0 0 9 0 0	- - - 06	000 48	0 05 03	97 00 0	068 62	0 0 9 0 0	- - - 60	+ 4	0	0	—	2.2	5
	Las Bela	000 72	0 18 02	99 00 0	××× 11	0 0 9 0 0	- - - 14	000 65	0 00 00	99 00 0	067 82	0 0 9 0 0	- - - 72	—	—	1.6		1.7	8
	Ormara	000 71	0 29 05	96 00 0	016 99	0 0 9 0 0	- - - 03	000 77	0 00 00	96 00 0	056 80	0 0 9 0 0	- - - 74		—	0.3	0.5	3.0	6
	Pasni	000 59	0 23 09	96 00 0	030 96	0 0 9 0 0	- - - 05	000 49	0 31 07	96 00 0	054 83	0 0 9 0 0	- - - 72	+15	+ 3	0.8	—	5.0	6
	Jiwani																		4
SIND	Beli	000 85	0 31 07	96 00 0	011 04	0 0 9 0 0	- - - 07	000 71	0 13 03	96 00 0	065 84	0 0 9 0 0	- - - 75	—	—	1.7	—	2.2	—
	Jacobabad	000 54	0 29 02	98 00 0	014 04	0 0 9 0 0	- - - 06	000 66	0 18 02	97 00 0	062 86	0 0 9 0 0	- - - 76	+ 5	+ 5	0.2	2.0	0.7	4
	Sukkur	000 68	0 ×× ××	96 00 0	014 99	0 0 9 0 0	- - - 06	000 58	0 ×× ××	96 00 0	054 83	0 0 9 0 0	- - - 77	—	—	0.5	—	1.0	4
	Pad Idan	000 65	0 36 05	96 00 0	011 04	0 0 9 0 0	- - - 06	000 67	0 00 00	95 00 0	056 79	0 0 9 0 0	- - - 78	—	—	0.8	—	9.9	—
	Karachi (Manora)	000 77	1 25 05	98 01 1	010 86	1 1 5 0 0	- - - 02	000 68	0 00 09	94 05 0	054 81	0 0 9 0 0	- - - 76	+ 5	+ 1	1.9	- 4.5	1.9	3
	Karachi (A. P.)	000 70	1 20 09	98 00 2	011 00	1 1 6 6 0	- - - 07	000 57	0 00 09	98 00 0	082 86	0 0 9 0 0	- - - 78	—	—	2.9		3.0	
	Badin	000 79	0 31 05	97 00 0	011 03	0 0 9 0 0	- - - 07	000 73	0 06 05	97 00 0	060 88	0 0 9 0 0	- - - 79	+ 11	+ 7	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (Umarkot.)	000 86	0 34 05	97 00 0	090 02	0 0 9 0 0	- - - 06	000 74	0 00 09	97 00 0	052 91	0 0 9 0 0	- - - 78	—	—	2.1	—	2.1	—
	Hyderabad	000 66	0 05 02	97 00 0	007 04	0 0 9 0 0	- - - 07	000 65	0 00 00	97 00 0	058 82	0 0 9 0 0	- - - 77	+ 7	+ 3	1.8	- 4.3	2.9	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 59	5 02 02	97 02 1	999 94	1 8 8 1 0	- - × 88	000 32	0 20 09	98 00 0	090 63	0 0 9 0 0	- - - 51	—	—	0.7	—	18.5	13
	Jalalabad	000 67	5 13 02	96 01 0	989 93	0 0 9 7 0	3 - 9 95	000 68	0 00 00	×× 05 1	956 75	0 0 9 0 0	9 × × 70	—	—	0.5	—	6.9	—
	Kandahar	000 55	0 00 00	98 00 0	921 88	0 0 9 0 0	- - - 98	000 45	0 00 00	97 00 0	937 58	0 0 9 0 0	- - - 40	—	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 2ND OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_n T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_n T_x$	Departure from Normal T_n T_x	T_n T_x	Rainfall Since 1st June '51 to date	Departure from normal	Since 1st Jan. '51 to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Indus	Gharbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jasc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
	Mauned	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Muscat	000 65	0 31 09	97 08 0	041 94	0 0 9 0 0	- - - 98	000 65	0 00 00	97 06 0	072 91	0 0 9 0 0	- - - xx	+ 7	—	8	- 0.1	8.3	4
	Shariab	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 09 02	97 00 0	054 91	0 0 9 0 0	- - - 83	000 xx	0 29 09	97 00 0	092 84	0 0 9 0 0	- - - xx	—	—	0	—	1.5	2

* Barometer readings reduced to 1 geodynamic Kilometre 3,250-3,358 feet according to latitude.
† Barometer readings reduced to 3 geodynamic Kilometre (6,499-6,715 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,089 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	1 $d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Barenelrecht	22 229	598 06	0 00 00	98 02 0	061 92	00 9 00	—	—	0 04 77	1 80 x0
Jalamani	22 141	749 06	7 26 15	98 01 2	058 82	xx x xx	4 2 118	—	—	—
Brallah	23 129	738 06	6 27 18	98 03 3	876 84	62 6 8x	7 4 300	—	0 09 80	1 57 xx
Jalamanjari	23 105	754 12	7 27 09	98 03 1	044 85	78 5 02	—	—	—	—
Shahjehan	23 196	710 12	6 28 05	98 03 0	009 85	69 5 5x	7 4 800	—	0 03 75	—
Jalamana	23 124	744 12	3 25 12	98 01 0	031 81	x1 x 11	3 3 306	—	—	—
Circassia	23 204	707 24	5 09 09	98 01 1	020 83	53 6 00	—	—	—	—
British Resolution	23 132	731 12	7 27 18	98 15 1	857 80	xx x 9x	7 4 809	—	0 53 80	1 57 xx
Bombay	23 079	774 06	4 25 10	97 01 1	071 80	42 6 40	3 4 103	—	—	—
Tutus	23 254	573 06	0 32 07	99 02 0	072 92	00 9 00	7 5 111	—	0 05 77	1 52 21
Circassia	23 197	716 18	6 09 12	98 18 0	037 80	63 6 00	—	—	—	—
Pasteur	23 091	653 18	1 23 24	98 03 0	060 84	16 5 09	2 8 420	—	0 02 xx	1 24 x4
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoXtX2			PtPihththt		TtTtTdtTdtTxt etc:				5555		hihtPtPtPt			TtTtTdtTdtTxt etc:			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	999 53	224 60	854 63	240 83	700 25	080 44	059 08	699 94	555 55	079 80	341 56	328 03	300 99	655 00	190 73	206 54	050 96	466 00	016 12	784 29	879 97			

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8	9	10	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	11 18	11 23	-	04 10	-	-	-	-	-	-	-	-	-	-	-	-	09 17	09 24	10 25	10 24	-	-	-	-
Dinar	05 04	06 05	06 07	No ascent	04 19	03 23	05 13	-	-	-	No ascent	Rain	-	-	-	-	17 06	15 10	04 04	04 11	03 13	05 18	04 23	06 19
Chittagong	-	-	-	No ascent	ascent	Rain	-	-	-	-	No ascent	Rain	-	-	-	-	-	-	No Rain	ascing	Rain	-	-	-
Cox's Bazar	-	-	-	No ascent	-	Rain	-	-	-	-	-	-	-	-	-	-	16 13	18 15	-	-	-	-	-	-
Dacca	-	-	07 01	24 01	24 05	34 12	36 10	35 10	33 26	33 23	-	-	-	03 04	01 09	calm	24 04	-	12 01	01 07	01 17	01 11	01 30	-
Dalbandin	-	-	-	-	22 06	19 10	29 15	27 09	26 21	-	-	-	-	-	05 01	29 01	05 04	-	-	-	03 01	03 05	01 13	-
Drosh	-	-	-	-	20 09	22 09	15 07	-	-	-	-	-	-	-	31 02	31 07	50 26	-	-	26 09	26 06	31 10	28 06	-
Fort Sandeman	-	-	09 02	09 01	03 04	36 02	18 03	35 07	34 14	31 16	24 07	23 02	20 05	15 07	17 03	24 09	19 07	20 07	20 03	31 18	21 13	02 07	36 12	-
Jacobabad	36 03	03 03	11 03	26 04	36 06	29 10	34 15	31 07	32 19	30 15	28 04	26 09	28 11	31 13	34 05	-	06 02	12 13	19 06	30 01	29 10	32 10	32 29	33 x5
Jhelum	25 02	26 03	24 04	26 04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jiwani	-	-	-	-	-	-	-	-	-	-	27 08	26 07	22 03	17 04	04 04	02 16	27 04	25 06	21 05	17 04	22 03	36 14	04 18	01 19
Karachi	21 10	17 03	14 01	02 05	01 12	03 17	05 12	04 13	35 13	29 26	14 04	16 07	14 09	15 06	12 10	01 03	22 07	26 08	25 10	35 13	25 10	04 04	06 13	35 20
Khanpur	28 04	24 02	22 02	16 02	04 06	01 07	08 12	34 11	31 05	-	22 10	25 10	26 06	31 08	35 08	35 03	14 07	25 10	25 10	29 05	36 04	30 09	29 19	35 28
Lahore	29 01	29 03	29 03	30 04	31 06	34 09	33 16	34 13	35 13	35 14	18 11	19 10	20 11	25 03	22 05	55 03	16 21	17 21	18 15	22 13	24 11	31 13	33 12	33 19
Multan	21 02	22 02	24 01	16 01	11 03	34 05	08 04	35 03	35 03	30 16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peshawar	-	06 03	16 02	22 06	35 08	25 08	27 17	27 15	28 23	29 29	-	-	-	-	25 13	27 11	-	-	-	-	24 03	30 09	33 13	-
Quetta	-	-	-	-	23 05	23 06	30 09	32 19	33 21	30 25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosh re	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sharjar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

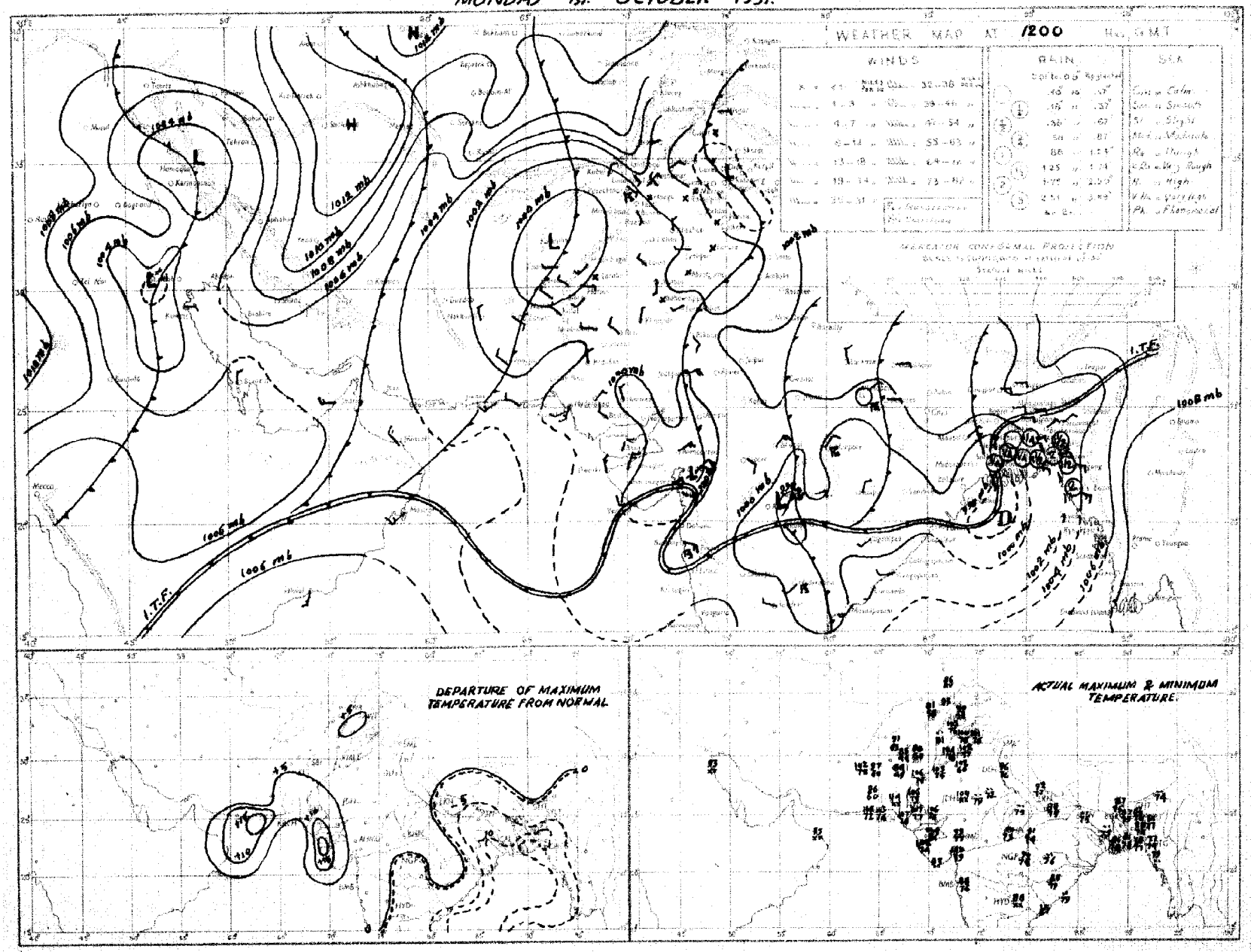
Cloud Observation Data (iiiGG Cddv, v,)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0 4.8 6.0, 7.8, and 9.0 km The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

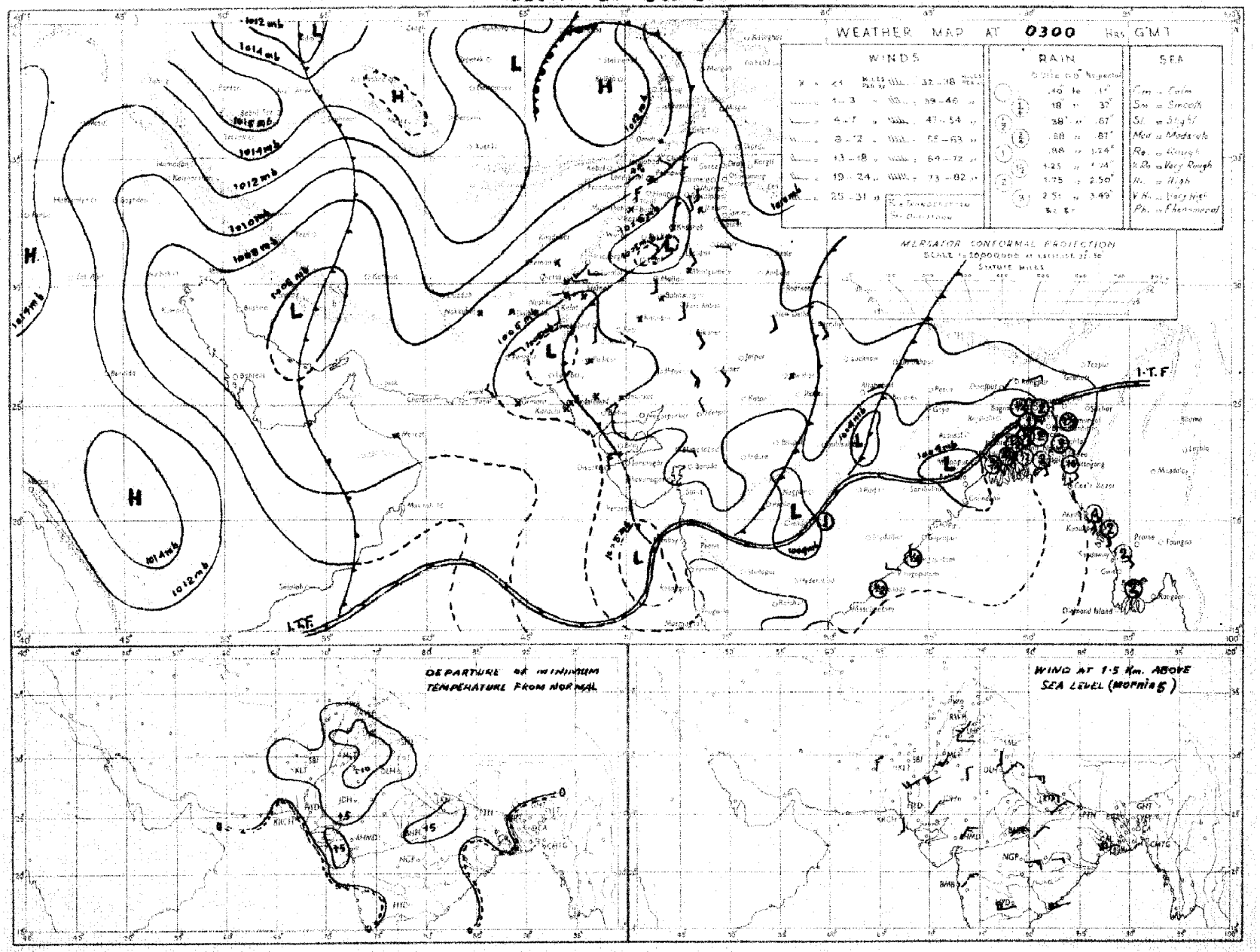
MONDAY 1st. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 2nd OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past **24** *hours.*

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1674

FOR WEDNESDAY, THE 3RD OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low extends from the Punjab to south Iran.

Another trough extends from East Pakistan to central parts of Bharat and is causing active monsoon in East Pakistan.

Fairly widespread rain has occurred in East Pakistan. Isolated thunderstorms has also been reported from the upper North-West Frontier Province.

Chief amounts of rainfall are :—Cox's Bazar and Chittagong 6" each; Noakhali, Comilla and Mymensingh 3" each; Srimangal 2" Brahmanbaria 1½"; Sirajganj ¾"; Narayanganj and Barisal ½" each and Faridpur ¼".

Day temperatures were appreciably to markedly above normal in West Pakistan and appreciably to markedly below normal in East Pakistan.

Forecast valid until the evening of 4th :—Fairly widespread rain will occur in East Pakistan. Local thunderstorms will also occur in the extreme north Punjab, the upper North-West Frontier Province and Kashmir.

Karachi-11.
The 3rd October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: $IIRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_1D_sD_uT_xT_x$	At 0300 Hrs. G. M. T. of date: $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_tD_sD_uT_nT_n$	Departure from normal: T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	294 76	8 00 00	92 63 9	050 76	2 5 4 2 0	- - - 79							- 8					140
	Chittagong	280 73	8 xx xx	95 60 6	049 77	8 7 4	- - - 79							- 8					106
	Noakhali	006 78	8 13 09	94 08 6	xxx 79	6 1 5 2	- - - 81	318 77	8 18 05	85 60 9	xxx 78	6 2 4 2 -	- - - 77					—	115
	Comilla	010 75	8 13 13	98 03 1	031 77	8 5 7 0 0	- - - 77	295 37	8 13 09	98 03 1	057 78	8 5 7 0 0	9 0 0 77	- 12	+ 1	100.4	+36 4	107.9	94
	Brahmanbaria							171 79	8 13 05	97 03 1	053 80	3 7 4 2	- 80		—	49 9	+ 0 7	59 8	78
	Dacca	xxx 77	8 18 05	96 02 6	016 80	4 5 4 2 -	- - - 84	xxx 79	7 25 03	97 02 6	044 81	4 8 4 5 0	8 x x 77	—		—		—	—
	Narayanganj	010 78	8 18 05	98 20 6	011 81	8 5 5 7 -	- - - 88	044 78	8 23 03	94 08 6	042 83	1 5 5 7 -	9 x 0 78	- 6	•	60 1	+11.2	81 1	74
	Mymensingh							254 77	8 09 02	98 02 6	045 80	8 4 7 - -	0 x x 75		4	44 6	19 4	52 7	91
	Srimangal	069 75	8 13 02	92 61 6	043 76	8 5 5 -	- - - 77	196 75	8 13 08	95 60 6	054 75	8 5 6 - -	9 x x 74	—	0	95.3	+35 5	111 7	98
	Khulna	000 68	8 18 01	96 03 2	011 82	6 6 7 0 0	- - - 84	000 79	8 27 02	97 03 2	055 81	8 7 7 -	- - - 79	- 4	+ 3	42 9	6 2	51 7	65
	Satkhira	009 78	8 23 02	97 03 6	037 80	7 9 6 6	- - - 82	009 79	8 23 02	97 03 1	067 82	7 9 6 6 0	- - - 78	- 7	0	32 0	- 14 8	30 9	65
	Jessore	000 77	0 09 02	96 02 5	023 81	6 8 6 0 0	- - - 86	000 77	5 27 03	97 02 1	052 83	6 8 6 0 0	- - - 78	—		22 2	- 12.2	29 2	66
	Faridpur	004 78	8 16 09	96 60 6	013 80	6 7 5 1 -	- - - 80	031 77	6 29 05	96 02 1	049 83	4 4 6 1 0	2 x x 78	- 8	+ 1	45 3	2 3	51.7	71
	Barisal	010 78	8 13 02	96 66 6	024 79	6 7 5 2 -	- - - 80	061 78	8 20 03	96 60 6	060 79	5 8 5 2 -	2 x x 77	- 8	0	51 1	- 6 0	61 7	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	085 78	8 00 00	97 68 5	021 78	8 7 4 0 0	- - - 82	085 76	8 27 02	98 02 2	033 80	8 2 7 0 0	9 0 0 76	- 6	1	48 5	+ 3 2	59 8	64
	Bogra	004 76	8 09 05	95 16 5	019 77	8 7 4 - -	- - - 79	018 76	5 05 02	96 20 5	044 76	8 7 4	7 x x 75	10		32 9	17 8	39 8	69
	Dinajpur	000 63	7 05 03	96 02 2	027 79	0 9 9 2 0	- - - 83	000 72	8 09 05	97 02 2	064 77	8 4 7 0 0	- - - 75	- 6	- 1	41 8	14 7	46.1	72
	Rangpur							000 xx	8 09 09	96 02 1	— —	8 5 8 0 0	- - - —	—	—	65 1	+ 2.4	74 4	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg ††																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 69	0 16 02	96 00 0	009 xx	0 0 9 0 0	- - - 01	000 62	0 19 02	96 00 0	026 82	0 0 9 0 0	- - - 78	+ 5	+11	5 9	3 2	10 2	12
	Lahore	000 68	0 00 00	97 00 1	020 99	0 0 9 0 0	- - - 01	000 66	0 15 03	96 00 0	040 84	0 0 9 0 0	- - - 74	+ 3	+ 9	10 6	3 9	14 7	19
	Sialkot	000 66	2 23 02	97 02 1	016 96	2 0 8 6 0	- - - 99	000 71	1 18 04	97 02 1	054 83	0 0 9 0 4	- - - 76	+ 4	+ 8	13 8	9.7	18 7	32
	Jhelum	000 61	2 18 02	97 01 1	014 95	2 2 6 0 0	- - - 00	000 66	0 13 03	96 00 0	040 85	0 0 9 0 0	- - - 74	—	—	16 5		25 8	—
	Rawalpindi	000 63	8 30 09	99 01 1	013 93	0 0 9 2 0	- - - 98	000 58	0 00 00	98 00 0	051 77	0 0 9 0 0	- - - 70	+ 6	+ 8	14 9	8 7	25 7	36
	Murree †	000 40	5 29 03	96 02 1	960 64	5 1 4 0 0	9 x x 72	000 40	0 27 02	98 00 1	962 66	0 0 9 0 0	- - - 57	+ 3	+ 5	21.9	14 0	43 5	59
	Attock	xxx xx	0 05 05	97 00 0	—	0 0 9 0 0	- - - xx	xxx xx	0 31 02	98 40 0	— —	0 0 9 0 0	- - -	+ 3		—		—	—
	Khushab	000 73	2 10 00	98 01 0	012 00	0 0 9 0 4	- - - 08	000 69	0 11 09	96 00 0	032 88	0 0 9 0 0	- - - 77	+ 5	+ 8	3 1	- 9 2	8.0	15
	Montgomery	000 70	0 00 00	96 00 0	013 93	0 0 9 0 0	- - - 04	000 64	0 00 00	96 00 0	033 80	0 0 9 0 0	- - - 77	+ 5	+ 7	2.5	- 5 0	6.1	10
	Leiah	000 92	0 23 02	97 00 0	015 05	0 0 9 0 0	- - 06							—					8
	Multan	000 87	0 00 00	97 00 0	010 04	0 0 9 0 0	- - - 06	000 67	0 16 02	96 00 0	029 79	0 0 9 0 0	- - - 78	+ 8	+ 3	3 8	- 1 1	8 9	7
	Khanpur	000 79	0 23 03	96 05 0	017 01	0 0 9 0 0	- - - 03							+ 4					6
	Bahawalpur	000 91	0 00 00	97 00 0	012 05	0 0 9 0 0	- - - 07	000 63	0 18 03	97 00 0	040 78	0 0 9 0 0	- - 72	+10	+ 4	1 9	2 3	5 0	6
	Fort Abbas	000 93	0 31 02	96 00 0	017 08	0 0 9 0 0	- - - xx	000 68	0 23 02	96 00 0	043 89	0 0 9 0 0	0 x x 78			2 8	—	5.7	8
N. W. F. P.	Drosh *	000 47	5 25 09	98 02 1	932 82	3 1 7 3 1	6 9 9 87	000 51	0 00 00	99 00 0	982 63	0 0 9 0 0	- - - 62	+ 5	+ 4	1 8	—	2 2	18
	Chakdara	000 68	0 27 02	99 00 0	009 91	0 0 9 0 0	- - 94	000 53	0 31 02	98 00 0	043 76	0 0 9 0 0	- - - 67		—	6 5	—	18 6	.
	Cherat *	000 5	0 09 09	97 00 0	954 64	0 0 9 0 0	- - - 89	000 62	0 18 04	07 00 0	957 73	0 0 9 0 0	- - - 66	—	—	6.0	- 6 1	28 0	29
	Peshawar							000 55	0 00 00	97 00 0	036 82	0 0 9 0 0	- - - 73		+ 6	—	—	—	14
	Parachinar	000 45	7 13 02	97 00 0	964 78	2 5 7 6 6	3 - 7 83	000 46	0 05 02	99 00 1	936 67	0 0 9 0 0	- - - xx	+ 6		9 9		27 4	29
	Miranshah	006 53	2 07 05	98 01 0	923 92	0 0 9 2 0	- - - 94	000 52	0 00 00	99 00 0	933 79	0 0 9 0 0	- - - 70	—	—	3.6	- 1 2	10 5	13
	Bannu	000 58	0 05 02	98 00 0	019 96	0 0 9 0 0	- - - 98	000 64	0 00 00	99 00 0	031 76	0 0 9 0 0	- - - 78	—	—	—		—	11
	D. I. Khan	000 69	0 00 00	96 00 0	017 02	0 0 9 0 0	- - - 02	xxx xx	0 05 02	96 00 0	020 79	0 0 9 0 0	- - - 78	+ 5	+10	1 1	4 4	2 8	9
	Wana																		11
	Landikotal	000 65	2 13 03	98 02 1	980 87	2 0 - 4 0	- - - 91	000 57	0 00 09	99 00 0	987 73	0 0 9 0 0	- - - xx		—	2 4		12 0	—
	Hangu	xxx x	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - -	—	—		—	—	—
	Thall	xxx xx	1 23 09	99 01 1	— -	1 8 7 0 0	- - - —	xxx xx	0 09 09	99 00 0	— -	0 0 9 0 0	- - - .	—	—	—			—
BALUCHISTAN	Fort Sandeman	000 27	0 27 01	97 05 0	928 91	0 0 9 0 0	- - - 92	000 30	0 00 00	94 05 0	948 71	0 0 9 0 0	- - - 63	+ 2	+ 4	4.1	0 9	10 0	11
	Hindubagh	000 15	0 27 12	98 0 0	946 84	0 0 9 0 0	- - - 80	000 31	0 00 00	98 00 0	961 76	0 0 9 0 0	- - - 62	—		0.2	—	8.5	—
	Loralai	000 57	0 00 00	96 00 0	926 86	0 0 9 0 0	- - - 91	000 48	0 23 03	97 00 0	952 70	0 0 9 0 0	- - - 53	—		1 7	—	8 1	.
	Harnai (at)	000 xx	0 09 02	96 06 0	— —	0 0 9 0 0	- - - —	000 xx	0 31 02	96 00 0	—	0 0 9 0 0	- - - —			—	—	—	14
	Sibi	000 35	0 23 05	99 00 0	007 06	0 0 9 0 0	- - - 08	000 52	0 00 00	99 00 0	035 82	0 0 9 0 0	- - - 73	—		2.2	—	3 8	5
	Quetta †	000 44	0 29 05	99 00 0	962 85	0 0 9 0 0	- - - 85	000 44	0 00 00	99 00 0	961 64	0 0 9 0 0	- - - 49	—		0.8	0 2	9.8	6
	Chaman	000 71	0 23 02	97 00 0	941 90	0 0 9 0 0	- - - 92	000 51	0 00 00	97 00 0	969 77	0 0 9 0 0	- - - 85	+ 4	—	0	0 2	9.6	8
	Nushki	000 51	0 22 05	97 00 0	001 97	0 0 9 0 0	- - - 58	000 45	0 09 09	96 00 0	027 81	0 0 9 0 0	- - - 74	—		0		5 5	.
	Dalbandin *	000 40	0 23 02	97 00 0	912 99	0 0 9 0 0	- - - 01	000 36	0 00 00	97 00 0	927 66	0 0 9 0 0	- - - 62	—	—	0	0 8	1.5	4
	Nokkundi	000 61	0 34 05	99 00 0	008 01	0 0 9 0 0	- - - 04	000 45	0 34 02	99 00 0	060 76	0 0 9 0 0	- - - 74	—	—	0		0.9	2
	Kalat †	000 56	0 31 05	98 00 0	979 78	0 0 9 0 0	- - - 82	000 42	0 18 05	98 00 0	992 51	0 0 9 0 0	- - - 50	+ 3	+ 7	0.8	0 4	0.7	7
	Turbat	000 57	0 18 03	97 00 0	020 12	0 0 9 0 0	- - - 14	000 56	0 04 02	96 00 0	065 85	0 0 9 0 0	- - - 79	—	—	0		1 4	—
	Panjgur *	000 37	0 31 02	97 00 0	953 95	0 0 9 0 x	- - - 97	000 35	0 06 02	97 00 0	927 66	0 0 9 0 0	- - - 60	+ 5	0	0	—	3 2	5
	Las Bela	000 75	0 18 02	99 00 0	010 12	0 0 9 0 0	- - - 14	000 62	0 00 00	98 00 0	050 75	0 0 9 0 0	- - - 67	—		1 6		1.7	8
	Ormara	000 80	0 27 05	97 00 0	024 90	0 0 9 0 0	- - - 91	000 78	0 09 02	96 00 0	058 79	0 0 9 0 0	- - - 74	—	—	0 3	0 5	3 1	6
	Pasni	000 76	0 23 09	98 00 0	036 96	0 0 9 0 0	- - - 96	000 80	x xx x7	96 01 0	061 81	3 4 9 0 0	- - - 73	+ 6	+ 4	0 8	0 1	5.0	6
	Jiwani																		.
SIND	Reti	000 88	0 31 05	96 00 0	017 05	0 0 9 0 0	- - - 08	000 63	0 00 00	94 00 0	035 79	0 0 9 0 0	- - - 71	—		1.6		2 2	—
	Jacobabad	000 49	0 18 03	97 00 0	017 95	0 0 9 0 0	- - - 07	000 62	0 05 02	96 00 0	036 83	0 0 9 0 0	- - - 75	+ 6	+ 4	0 2	2 0	0 7	4
	Sukkur	000 64	0 xx xx	96 00 0	020 02	0 0 9 0 0	- - - 06	000 65	0 xx x-	96 00 0	032 84	0 0 9 0 0	- - - 78			0 5	—	1 0	4
	Pad Idan	000 59	0 00 00	98 00 0	013 96	0 0 9 0 0	- - - 09	000 51	0 00 00	99 00 0	033 79	0 0 9 0 0	- - - 72	—		0 5	—	0 9	.
	Karachi (Manora)	000 79	0 25 09	98 00 0	027 85	0 0 9 0 0	- - - 49	000 76	4 00 00	96 01 1	058 79	4 6 4 0 0	- - - 76	+ 5	1	1 5	- 4 5	1 6	3
	Karachi (A. P.)	000 61	0 25 10	97 00 0	024 01	0 0 9 0 0	- - - 07	000 77	3 27 05	96 03 1	059 79	3 6 4 0 0	- - - 76			2 9		3.0	
	Badin	000 68	0 31 08	97 00 0	024 06	0 0 9 0 0	- - - 10	000 73	0 23 05	97 00 0	057 82	0 0 9 0 0	- - - 75	+ 14	+ 3	7 0	- 0.2	7.0	[illegible]
	Nagarparkar																		
	Chhor (Umarkot)	000 69	0 31 07	97 00 0	021 04	0 0 9 0 0	- - - 07	000 61	0 18 07	97 00 0	044 88	0 0 9 0 0	- - - 79	—		2 1	—	2 1	—
	Hyderabad	000 59	0 11 03	97 00 0	019 06	0 0 9 0 0	- - - 11	000 64	0 23 02	96 00 0	040 80	0 0 9 0 0	- - - 78	+11	+ 4	1.8	- 4 3	2.0	7
JUNAGADH	Veraval																		29
AFGHANISTAN	Kabul	000 41	6 02 02	98 02 1	989 78	1 8 8 2 0	- - - 85	000 33	1 28 05	98 01 0	994 61	0 0 9 0 1	- - - 52	—	—	0.7	—	10 5	12
	Jalalabad	000 68	8 05 02	97 03 0	989 94	0 0 9 5 0	- - - 96	000 58	1 26 03	97 03 1	993 75	0 0 9 6 1	9 8 x 77	—	—	0.5	—	6 9	—
	Kandahar							000 56	0 00 00	97 00 0	936 57	0 0 9 0 0	- - - 60		—	0	—	10 5	—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 3RD OCTOBER, 1951

Latitude	STATIONS	At 1200 Hrs. G. M. T. of previous day. RRR $T_g T_d$	N dd ff	VVwwW PPPTT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_g T_d$	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Iran	Charbar																	4
	Jask																	5
	Meshed																	10
	Bushire																	11
Arabia	Muscat	000 71	0 31 13	97 00 0	024 93	0 0 0 0 0	- - - 97	000 80	0 00 00	97 00 0	089 87	0 0 0 0 0	- - - 77	+ 5	—	0	- 0.1	3.3	4
	Sharjah	—																	4
	Kuwait	000 xx	0 00 00	97 00 0	073 00	0 0 0 0 0	- - - xx	000 xx	0 36 00	97 00 0	100 85	0 0 0 0 0	- - - 82	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (2,350-3,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049,-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port. KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	33 241	622 06	4 18 97	99 03 4	078 84	41 8 06	0 0 815	—	—	
Circassia	33 115	695 06	6 07 09	88 02 3	061 85	—	—	—	—	—
Pastar	33 081	700 06	7 23 25	93 02 2	118 84	72 4 11	2 3 140	—	0 51 xx	1 24 14
Jersey City	33 116	745 06	4 27 18	96 02 2	078 84	82 4 40	7 3 200	—	0 02 79	1 18 25
Jalamani	33 099	760 06	4 24 10	98 01 3	095 85	x1 x 27	2 4 101	—		—
Islamia	33 181	696 12	6 29 15	96 03 1	064 85	81 5 10	3 4 200	—	0 02 79	—
Dwarka	33 241	637 12	1 23 95	99 02 4	050 85	11 4 00	2 2 808	—	0 02 82	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE:—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1TdrTdrTx1 etc.	5555	h1h1P1P1P1	T1T1TdrTdrTx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 14	003 34	232 60	854 94	315 41	700 45	135 77	509 44	659 94	301 96

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	809 94	555 55	149 55	380 68	339 00	365 66	678 00	255 91	476 00	056 71	785 49	009 90	514 00	662 94	833 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hn—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	7	8	9	10	11	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 12	13	14	15	16	17	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet †† 18	19	20	21	22	23	24	25
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	—	—	—	No	ascent	—	—	—	—	—	No	ascent	—	—	—	—	—	—	—	—	—	—	—	—
Chnor	—	33 04	17 03	09 01	02 04	05 15	07 17	—	—	—	No	ascent	—	—	—	—	—	22 09	26 10	23 11	21 12	21 10	22 05	04 17	36 17
Chittagong	—	—	—	—	—	—	—	—	—	—	No	ascent	—	—	—	—	—	—	—	No	ascent	—	—	—	—
Cox's Bazar	—	—	—	—	No	ascent	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	—	18 23	19 26	—	—	—	—	—	—	—	No	ascent	—	—	—	—	—	24 11	24 14	28 17	—	—	—	—	—
Dalbandin	—	—	—	04 01	20 03	32 07	33 16	35 21	34 20	34 23	32 35	—	—	30 04	35 13	35 05	30 10	—	03 10	36 22	07 91	36 09	35 24	—	—
Drosh	—		—	—	—	—	—	—	29 09	—	—	—	—	—	29 01	33 03	01 04	—			36 19	31 17	—	—	—
Fort Sandeman	—			25 04	19 04	26 09	27 08	—	—	—	—				25 03	31 13	30 23	—			28 08	35 09	31 09	36 17	—
Jacobabad	—	27 06	22 07	24 04	23 06	01 05	33 01	31 12	33 26	33 40	31 27	21 13	22 13	22 13	22 13	29 06	34 07	20 25	22 18	24 13	29 05	35 08	32 18	34 15	31 23
Jacobabad	—	23 02	30 03	26 05	20 09	31 11	29 08	31 21	31 20	—	—	26 05	30 08	28 08	11 16	30 14	32 16	12 10	11 18	03 09	28 09	27 32	31 10	33 24	30 23
Jiwani	—																							—	—
Karachi	—	23 06	23 07	23 05	29 04	34 08	03 12	02 13	02 20	36 31	34 29	29 10	27 17	28 10	16 03	06 03	01 21	27 17	27 17	25 15	24 13	28 08	—	—	—
Khanpur	—	25 07	25 13	21 13	25 12	27 08	29 00	35 05	34 20	—	—	—	—	—	—	—	—	34 17	35 21	35 21	25 21	27 14	25 12	—	—
Lahore	—	30 03	29 11	29 11	29 05	09 06	32 11	34 20	34 21	31 19	29 27	29 07	25 12	27 11	15 12	32 13	33 09	10 07	25 06	34 07	31 04	27 05	31 07	32 18	31 21
Multan	—	20 04	18 04	18 05	23 10	22 08	36 08	29 05	32 20	32 16	—	24 15	25 31	28 19	22 13	22 05	35 12	22 04	27 08	25 08	28 10	28 10	26 07	32 07	30 22
Peshawar	—	—	07 04	19 03	23 05	25 08	27 09	28 16	29 26	30 31	31 47	—	26 06	29 03	21 06	21 04	30 15	—	31 02	03 04	01 02	22 12	30 15	32 10	29 27
Quetta	—					27 08	30 10	33 05	31 12	32 29	32 49			—	—	27 06	24 08	—	—			29 04	31 21	33 23	—
Bushire	—	—	—			—	—					—	—	—		—						—	—	—	—
Shaviar	—																								

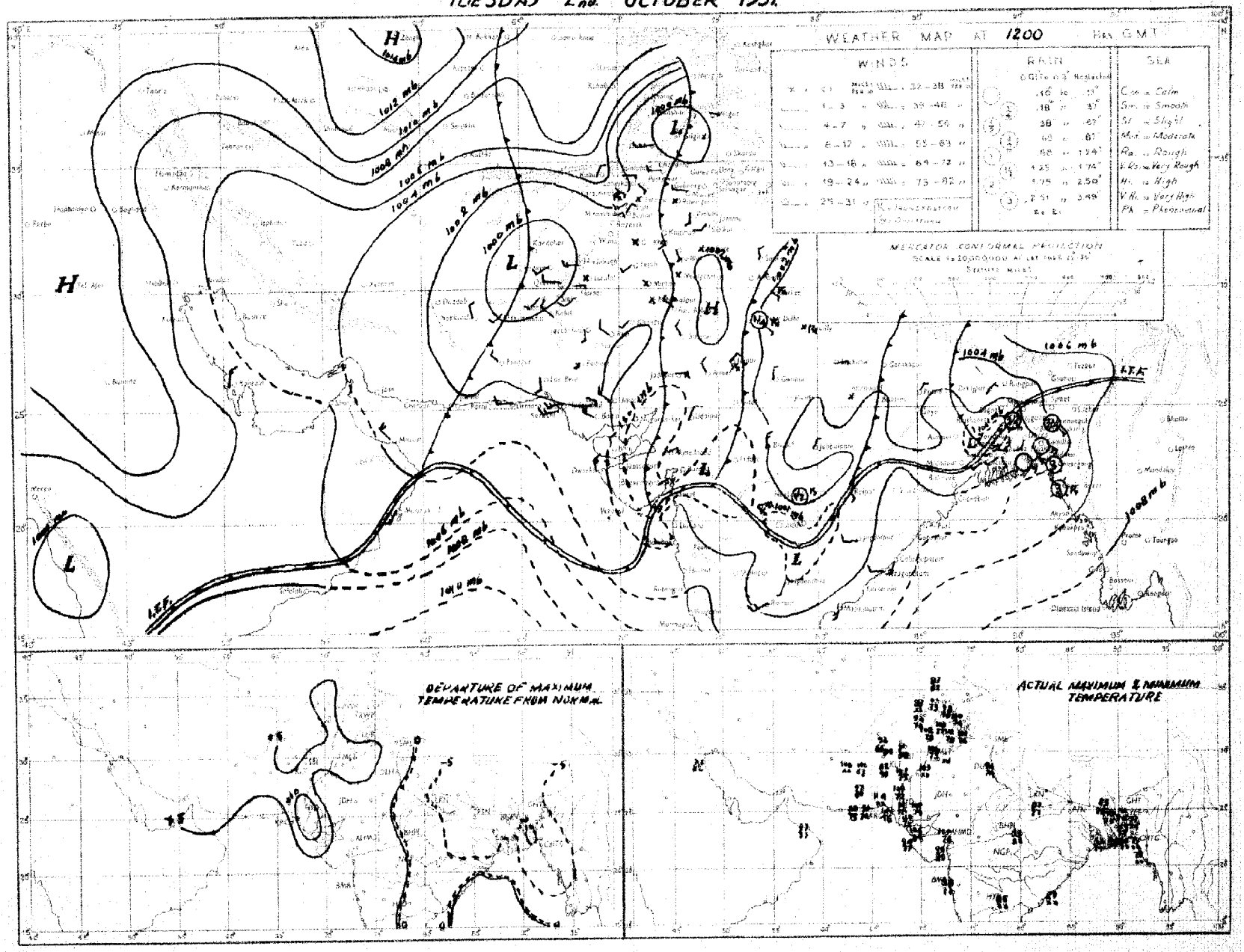
Cloud Observation Data (iiiGG Cddv. v.)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are G.S. 0.6, 0.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 Km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. F. W.

PAKISTAN DAILY WEATHER MAP

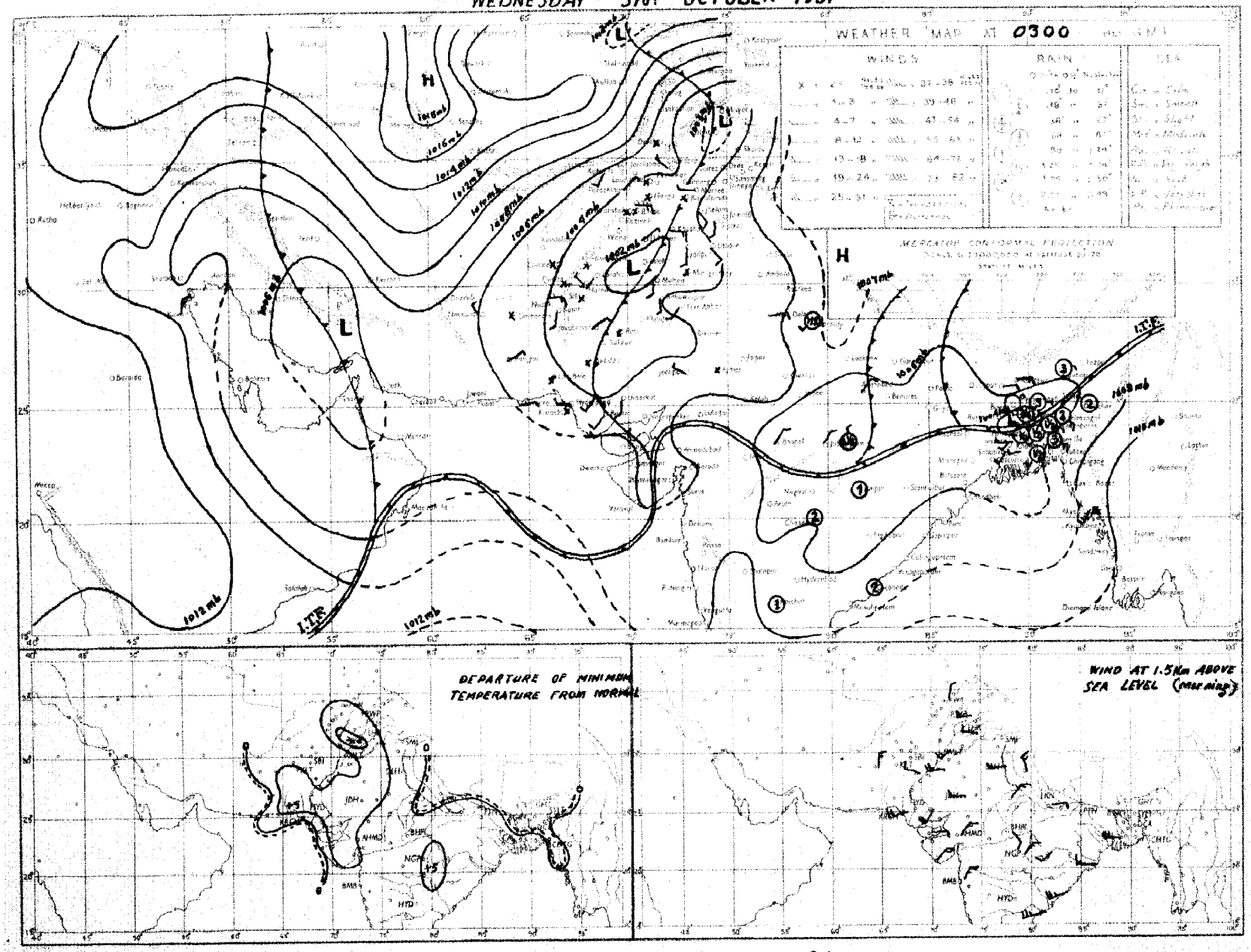
TUESDAY 2nd OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 3rd. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1674

FOR THURSDAY, THE 4TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low extends from East Pakistan to Darjeeling hills.

Fairly widespread rain and scattered thunderstorms have occurred in East Pakistan.

Chief amounts of rainfall are :—Cox's Bazar 6"; Brahmanbaria 3"; Faridpur 2"; Chittagong and Srimangal 1½" each; Sirajganj 1"; Narayanganj ¾"; and Noakhali and Mymensingh ½" each.

Day temperatures were appreciably to markedly above normal in West Pakistan and markedly to considerably below normal in the Eastern districts of East Pakistan.

Forecast valid until the evening of 5th :—Fairly widespread rain/thunderstorms will occur in East Pakistan.

Karachi-11.
The 4th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: $RRRT_dT_d$	$N\ dd\ ff$	$VVwwW$	$PPPTT$	$N_hC_Lh\ C_MC_H$	$W_tD_sD_MT_zT_x$	At 0300 Hrs. G. M. T. of date: $RRRT_dT_d$	$N\ dd\ ff$	$VVwwW$	$PPPTT$	$N_hC_LhC_MC_H$	$W_tD_sD_MT_nT_n$	Departure from normal: T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	387 77	8 00 00	92 63 9	054 77	3 5 4 2 0	3 × 0 79	567 78	7 18 05	95 63 6	054 81	2 5 5 2 0	3 × 0 81	- 8	+ 6	168.7	- 2.1	118.3	140
	Chittagong	059 75	8 16 05	95 02 6	045 76	8 7 4 4 4	9 × × 77	129 74	8 16 09	96 21 7	041 77	8 7 4 - -	4 × × 75	- 10	- 1	107.4	- 28.7	137.2	108
	Noakhali	003 78	8 18 09	95 03 6	××× 81	5 2 5 2	- - - 84	056 79	8 18 09	94 63 8	××× 80	8 3 5 - -	- - - 78	- 3	—	—	—	—	115
	Comilla	000 75	8 23 09	98 03 1	025 76	8 5 7	- - - 77	223 77	8 18 18	98 03 1	021 80	3 5 7 0 0	0 0 0 78	- 12	+ 2	101.7	+ 38.5	110.1	94
	Brahmanbaria	162 78	8 13 02	96 63 6	025 78	8 7 4 - -	9 × × 85	245 78	8 16 09	96 03 6	024 79	4 7 3 2	3 × 4 74	—	—	62.5	+ 2.9	62.4	78
	Dacca	××× 78	8 00 00	95 95 9	019 79	7 9 4 2 -	3 × × 86	××× 79	7 23 05	96 61 6	012 80	5 6 4 2 0	9 × × 74	—	—	—	—	—	—
	Narayanganj	018 84	8 18 03	93 50 5	014 78	8 1 7 × ×	9 × × 86	087 78	8 18 02	94 52 6	010 80	8 5 5 - -	9 × 0 75	- 3	- 3	68.0	+ 13.8	81.9	74
	Mymensingh	000 79	8 00 00	99 02 2	021 83	8 4 7 3 4	- - - 86	058 78	8 00 00	98 02 6	020 79	8 6 6 - -	0 × × 75	- 1	- 4	45.2	- 19.1	58.3	91
	Srimangal	080 77	8 13 05	95 02 8	031 75	8 5 7 6 4	- - - 81	156 75	8 09 02	93 60 9	027 74	6 5 6 2 -	9 × 2 78	- 10	- 1	96.8	+ 56.8	113.2	98
	Khulna	000 78	8 23 02	96 03 2	012 84	4 8 7 0 9	- - - 86	017 77	6 27 02	97 02 2	022 81	6 8 7 0 0	- - - 79	- 2	+ 3	43.0	- 6.3	51.9	66
	Satkhira	009 76	8 00 00	97 03 2	014 84	6 4 6 6 0	- - - 88	056 71	8 31 02	96 03 2	019 79	8 9 6 0 0	- - - 75	- 1	+ 2	21.5	- 15.4	29.5	65
	Jessore	010 79	8 00 00	95 03 6	016 83	8 8 6 0 0	2 0 0 02	025 77	7 00 00	98 02 6	020 80	7 8 6 0 0	9 × × 76	—	—	22.5	- 12.1	39.5	65
	Faridpur	049 79	3 00 09	95 17 9	018 80	7 7 5 1 0	3 × × 83	189 77	8 20 05	96 62 6	016 80	6 4 5 1 0	3 × × 76	- 5	- 1	47.2	0.6	53.6	71
	Barisal	000 80	8 16 02	97 02 2	014 82	3 7 5 2 9	- - - 88	037 77	8 18 05	96 61 6	026 78	4 7 5 2 6	5 × × 77	- 6	0	51.5	- 6.8	62.1	83
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 78	4 00 00	96 01 1	010 82	2 1 7 0 0	- - - 87	106 77	8 00 00	96 50 5	013 78	8 7 4 0 0	1 0 0 76	- 1	- 1	49.9	+ 4.1	59.9	64
	Bogra	000 76	5 00 00	96 01 1	016 82	2 2 6 7 0	- - - 85	009 75	8 00 00	95 20 6	012 77	5 7 4 2 -	9 × 0 76	- 4	- 1	38.0	- 17.9	39.9	68
	Dinajpur	000 72	8 00 00	96 02 2	037 79	8 4 9 0 0	- - - 68	000 79	8 00 00	97 02 2	009 82	8 4 7 0 0	- - - 76	- 6	0	41.8	14.9	46.1	72
	Rangpur	000 ××	8 09 02	96 02 1	— —	8 5 8 0 0	- - - ××	023 ××	8 07 02	96 51 5	— —	8 5 8 0 0	2 0 0 —	—	—	65.3	+ 2.4	74.6	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Alibad																		—
PUNJAB	Lyallpur	000 61	0 00 00	96 00 0	984 90	0 0 9 0 0	- - - 02	000 69	0 16 02	96 00 0	995 77	0 0 9 0 0	- - - 75	+ 6	+ 8	5.9	- 3.3	10.2	13
	Lahore	000 70	0 00 00	96 00 0	995 97	0 0 9 0 0	- - - 03	000 70	0 09 02	96 00 0	005 82	0 0 9 0 0	- - - 72	+ 5	+ 7	10.6	- 3.9	14.7	19
	Sialkot	000 52	2 00 00	97 02 1	990 94	2 4 6 0 0	- - - 99	000 66	1 09 02	97 02 1	006 83	1 0 8 6 0	- - - 76	+ 4	+ 8	13.8	- 9.7	18.7	22
	Jhelum	000 67	2 27 02	96 03 1	995 97	2 1 7 0 0	- - - 99	000 65	0 11 12	95 05 0	005 81	0 0 9 0 0	- - - 71	—	—	16.5	—	25.8	—
	Rawalpindi	000 58	0 00 00	93 00 0	003 93	0 0 9 0 0	- - - 98	000 60	0 00 00	92 00 0	006 78	0 0 9 0 0	- - - 69	+ 6	+ 7	14.9	- 8.7	25.7	30
	Murree †	000 52	8 00 00	98 01 1	946 70	3 1 4 0 0	8 × × 75	000 45	0 27 03	98 00 1	930 66	0 0 9 0 0	9 × × 67	+ 6	+ 5	31.9	14.1	43.5	60
	Attock	××× ××	0 31 02	98 00 0	— —	0 0 9 0 0	- - - ××	××× ××	0 05 05	97 00 0	— —	0 0 9 0 0	- - - ××	—	—	—	—	—	—
	Khushab	000 73	0 16 05	98 00 0	991 99	0 0 9 0 0	- - - 02	000 67	0 09 02	98 00 0	002 82	0 0 9 0 0	- - - 73	+ 4	+ 4	3.1	- 7.2	8.0	15
	Montgomery	000 50	0 27 02	97 00 0	983 03	0 0 9 0 0	- - - 04	000 65	0 00 00	96 00 0	997 81	0 0 9 0 0	- - - 74	+ 5	+ 4	2.5	- 5.0	6.1	10
	Leiah	000 89	0 22 02	97 00 0	986 08	0 0 9 0 0	- - - 08	000 73	0 31 02	97 00 0	002 80	0 0 9 0 0	- - - 72	—	—	0.9	—	6.6	8
	Multan	000 60	0 18 02	97 00 0	988 04	0 0 9 0 0	- - - 06	000 61	0 26 02	96 00 0	997 78	0 0 9 0 0	- - - 74	+ 8	+ 4	3.8	- 1.1	6.9	7
	Khanpur	000 78	0 11 05	95 05 0	000 04	0 0 9 0 0	- - - ××	000 65	0 27 05	95 05 0	996 77	0 0 9 0 0	- - - 72	—	+ 3	0.5	- 4.5	1.9	5
	Bahawalpur							000 63	0 23 02	97 00 0	995 75	0 0 9 0 0	- - - 70		+ 1	1.9	- 2.3	5.0	6
	Fort Abbas	000 93	0 31 09	96 00 0	004 03	0 0 9 0 0	0 × × 08	000 76	0 23 02	96 00 0	002 96	0 0 9 0 0	0 × × 72	—	—	2.8	—	6.7	8
N. W. F. P.	Drosh *							000 36	0 00 00	99 00 1	054 65	0 0 9 0 0	9 × × 63		+ 5	1.8	—	22.0	18
	Chakdara	000 64	0 00 00	99 00 0	982 91	0 0 9 0 0	- - - 96	000 54	0 00 00	98 00 0	025 71	0 0 9 0 0	- - - 66	—	—	6.5	—	15.8	—
	Cherat *							000 46	0 38 07	98 00 0	910 77	0 0 9 0 0	- - - 71		—	0.0	- 6.1	28.0	29
	Peshawar							000 42	0 00 00	97 00 0	009 78	0 0 9 0 0	- - - 69		+ 4	1.3	- 3.2	6.6	14
	Parachinar	000 41	0 12 02	99 00 0	950 82	0 0 9 0 0	5 - - 86	000 40	0 00 00	99 00 0	935 72	0 0 9 0 0	- - - 59	+ 9	+ 6	0.0	—	27.4	29
	Miranshah	004 47	0 11 03	99 00 0	920 93	0 0 9 0 0	- - - 95	000 42	0 00 00	99 00 0	980 80	0 0 9 0 0	- - - 73	—	—	3.6	- 1.2	10.5	18
	Bannu	000 49	0 12 02	99 90 0	999 98	0 0 9 0 0	- - - 00	000 63	0 00 00	99 00 0	018 77	0 0 9 0 0	- - - 73	—	—	0.9	—	5.8	11
	D. I. Khan	000 73	0 02 02	96 00 0	983 04	0 0 9 0 0	- - - 04	000 63	0 00 00	96 00 0	017 74	0 0 9 0 0	- - - 74	+ 7	+ 6	1.1	- 4.4	2.8	9
	Wana																		11
	Landikotal							000 59	0 31 05	99 80 0	912 79	0 0 9 0 0	- - - ××	—	—	2.4	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - ××	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - ××	—	—	—	—	—	—
	Thall	××× ××	1 33 13	99 01 1	— —	1 1 7 0 0	- - - ××	××× ××	0 27 09	99 00 0	— —	0 0 9 0 0	- - - ××	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 38	1 00 00	97 01 1	891 92	0 0 9 0 0	2 × × 93	000 28	0 00 00	97 05 0	943 74	0 0 9 0 0	- - - 65	+ 3	+ 6	4.1	- 0.9	10.0	11
	Hindubagh	000 23	0 23 05	98 00 0	912 85	0 0 9 0 0	- - - 89	000 43	0 00 00	98 00 0	946 71	0 0 9 0 0	- - - 61	—	—	0.2	—	8.5	—
	Loralai	000 76	0 18 05	96 00 0	964 86	0 0 9 0 0	- - - 94	000 54	0 00 09	96 00 0	932 71	0 0 9 0 0	- - - 62	—	—	1.7	—	8.1	—
	Harnai (a)	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 27 05	96 00 0	— —	0 0 9 0 0	- - - ××	—	—	2.0	- 5.5	10.6	14
	Sibi	000 86	0 23 05	92 00 0	979 08	0 0 9 0 0	- - - 09	000 48	0 31 05	98 00 0	000 79	0 0 9 0 0	- - - 74	—	—	2.2	—	3.8	5
	Quetta †	000 47	0 34 05	98 00 0	958 84	0 0 9 0 0	- - - 86	000 49	0 00 00	99 00 0	944 65	0 0 9 0 0	- - - 54	—	—	0.7	- 0.2	9.3	9
	Chaman	000 73	0 31 05	97 00 0	940 90	0 0 9 0 0	- - - 02	000 33	0 11 02	97 00 0	965 76	0 0 9 0 0	- - - 67	+ 4	+ 15	0	- 0.2	9.6	8
	Nushki	000 57	0 22 05	97 00 0	003 98	0 0 9 0 0	- - - 00	000 41	0 09 05	96 00 0	024 82	0 0 9 0 0	- - - 72	—	—	0	—	5.5	—
	Dalbandin *	000 48	1 13 08	97 08 1	947 00	0 0 9 0 0	4 × 9 01	000 43	0 00 00	97 00 1	947 67	0 0 9 0 0	9 × × 63	—	—	0	- 0.3	1.8	4
	Nokkundi	000 78	0 08 00	99 00 0	991 05	0 0 9 0 0	- - - 06	000 46	0 36 02	99 00 0	032 50	0 0 9 0 0	- - - 74	—	—	0	—	0.9	3
	Kalat †	000 57	0 31 05	98 00 0	975 79	0 0 9 0 0	- - - 81	000 43	0 18 05	98 00 0	974 56	0 0 9 0 0	- - - 60	+ 2	+ 7	0.8	- 0.4	4.7	7
	Turbat	000 82	0 24 05	95 67 0	981 11	0 0 9 0 0	- - - 14	000 77	0 24 02	96 00 0	053 83	0 0 9 0 0	- - - 78	—	—	0	—	1.4	—
	Panjgur *	000 25	0 31 02	97 00 0	949 96	0 0 9 0 0	- - - 98	000 28	0 05 03	97 00 0	964 68	0 0 9 0 0	- - - 68	+ 6	+ 3	0	—	3.2	5
	Las Bela	000 77	0 16 06	99 00 0	014 02	0 0 9 0 0	- - - 08	000 75	0 00 00	99 00 0	055 81	0 0 9 0 0	- - - 72	—	—	1.6	—	1.7	8
	Ormara	000 75	0 27 09	97 00 0	024 89	0 0 9 0 0	- - - 00	000 78	0 27 09	96 00 0	042 80	0 0 9 0 0	- - - 79	—	—	0.3	- 0.5	2.0	6
	Pasni	000 70	0 00 00	98 00 0	031 89	0 0 9 0 0	- - - 91	000 77	0 23 05	94 42 4	050 77	0 0 9 0 0	2 0 0 78	+ 1	+ 6	0.3	- 0.1	5.0	6
	Jiwani																		4
SIND	Kotri	000 84	0 31 09	96 00 0	001 07	0 0 9 0 0	- - - 11	000 70	0 23 05	98 00 0	002 79	0 0 9 0 0	- - - 70	—	—	1.7	—	2.2	—
	Jacobabad	000 55	0 16 02	97 00 0	991 05	0 0 9 0 0	- - - 09	000 55	0 27 05	96 00 0	000 81	0 0 9 0 0	- - - 75	+ 8	+ 4	0.3	- 2.0	0.7	4
	Sukkur	000 66	0 ×× ××	96 00 0	998 03	0 0 9 0 0	- - - 09	000 65	0 ×× ××	96 00 0	007 81	0 0 9 0 0	- - - 78	—	—	0.5	—	1.0	4
	Pad Idan	000 59	0 23 05	98 00 0	998 09	0 0 9 0 0	- - - 10	000 58	0 00 00	99 00 0	009 77	0 0 9 0 0	- - - 70	—	—	0.8	—	0.9	—
	Karachi (Manora)	000 73	0 23 09	98 00 8	031 85	0 0 9 0 0	- - - 87	000 79	3 25 05	98 01 1	039 80	3 6 4 0 0	- - - 78	0	+ 1	1.5	- 4.5	1.6	3
	Karachi (A. P.)	000 81	0 25 10	98 00 0	031 89	0 0 9 0 0	- - - 98	000 79	1 27 09	96 03 9	043 82	1 6 4 0 0	- - - 77	—	—	2.9	—	3.0	—
	Badin	000 79	0 28 05	97 00 0	025 01	0 0 9 0 0	- - - 10	000 78	0 25 05	97 00 9	040 82	0 0 9 0 0	- - - 77	+ 14	+ 5	7.0	- 0.2	7.8	9
	Nagarparkar																		
	Chhor (Umarkot)	000 72	0 23 09	97 00 0	××× ××	0 0 9 0 0	- - - 12	000 74	0 28 10	97 00 0	021 83	0 0 9 0 0	- - - 75	—	—	2.1	—	2.1	—
	Hyderabad	000 56	0 23 05	97 00 0	019 06	0 0 9 0 0	- - - 11	000 76	0 23 05	96 00 0	021 85	0 0 9 0 0	- - - 79	+ 11	+ 5	1.3	- 4.3	2.9	7
[illegible]	Veraval																		26
AFGHANISTAN	Kabul	000 36	2 02 03	98 01 0	996 79	0 0 9 3 1	- - - 84	000 35	1 20 10	98 00 0	979 80	0 0 9 0 0	- - - 40	—	—	0.7	—	10.5	13
	Jalalabad							000 66	0 25 02	97 00 1	989 79	0 0 9 0 0	- - - 70		—	0.5	—	6.9	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 4TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW PPP TT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal Annual
1	2	3	4	5	6	7	8	9	10	11	12	13	14	27	28	29	30
Iran	Gharbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mashad	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arabia	Muscat	000 86	0 18 02	97 00 0	044 24	0 0 0 0 0	- - - 00	000 84	0 13 02	97 00 0	051 91	0 0 0 0 0	- - - xx	+ †	—	0	- 0.1	3.8	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kuwait	000 xx	0 00 00	97 00 0	066 00	0 0 0 0 0	- - - 00	000 xx	0 27 09	97 00 0	065 89	0 0 0 8 4	- - - 79	—	—	0	—	1.8	5

* Barometer readings reduced to 1 geodynamic Kilometre (1,350-8,858 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049,-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0900 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	VQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kesoutiee	43 xxx	663 05	8 30 13	99 01 1	947 84	87 6 xx	7 4 101	—	0 85 21	1 30 xx
Jersey	43 144	730 06	7 26 13	98 03 2	070 77	53 4 98	7 3 310	—	0 55 77	1 27 24
Felix Roijon	43 091	641 05	8 30 10	95 01 6	158 82	31 6 87	6 6 107	—	0 00 74	1 23 42
Jersey	43 601	721 13	7 26 13	97 02 2	873 82	52 4 60	7 3 300	—	0 91 70	1 27 28
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—			iiiGG		PoPoPoToTo		TdoTdoTxoXtXs			PtPthhhht			TtTtTdtTdtTxt etc.				5555	hthtPtPtPt			TtTtTdtTdtTxt etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...																									

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ††										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ††						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ††							
	3	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	25 08	28 08	27 10		—	—	—	—	—	—	—	—	—	—	—	—			No ascent	No ascent	—	—	—	—
Dhaka	23 13	24 15	24 19	23 12	25 08	35 04	32 03	32 19	—	—	—	—	—	—	—	—	22 22	25 16	29 08	28 13	30 13	32 13	33 16	35 41
Chittagong	—	—	—	No ascent	No ascent	—	—	—	—	—	No ascent		—	—	—	—	—	—	No ascent		—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	No ascent		—	—	—	—	—	—	—	—	—	—	—	—
Barisal	24 08	25 11	26 14	25 15	25 21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Balasore	—	—	06 03	05 02	35 00	34 13	32 07	30 30	29 30	28 37	—	—	12 05	38 03	33 08	33 15	—	—	37 01	31 02	34 05	36 10	31 19	—
Dacca	—	—	—	—	05 01	33 01	22 01	29 08	30 37	—	—	—	—	—	06 04	01 15	—	—	—	—	03 03	38 23	01 09	36 11
Port Sandeman	—	—	—	33 05	32 02	33 05	31 25	29 27	30 43	30 61	—	—	—	19 04	27 04	25 10	—	—	—	30 02	33 06	33 19	33 24	—
Sargodhaba	24 01	27 02	29 04	27 09	29 08	33 12	33 21	31 24	32 31	30 35	26 12	30 15	33 24	39 30	29 15	31 03	31 14	35 19	33 25	33 23	38 35	36 33	01 45	—
Sheiki	15 08	14 04	14 05	28 08	30 08	31 19	30 20	30 23	29 43	—	—	—	—	—	—	—	18 03	33 05	31 06	30 13	31 10	33 17	33 21	—
Rawalpindi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	24 15	26 18	25 19	26 16	28 10	35 08	01 09	01 17	01 16	30 10	25 27	28 32	28 34	27 15	33 17	33 14	22 26	25 26	25 24	—	—	—	—	—
Khanpur	24 10	24 21	24 24	26 27	25 17	—	—	—	—	—	24 17	24 19	23 26	23 18	25 08	23 10	26 21	30 14	31 08	34 06	30 07	28 13	30 17	—
Lahore	03 05	08 04	15 03	19 05	25 11	29 13	31 20	31 26	30 29	—	08 06	19 03	21 02	30 09	27 09	32 19	17 05	07 08	32 02	34 08	34 17	34 14	31 20	30 26
Multan	29 04	31 07	31 09	30 14	26 13	28 12	26 09	17 22	—	—	18 08	21 13	21 15	32 12	33 14	33 21	30 19	01 10	34 13	04 13	01 15	31 06	30 13	33 37
Peshawar	—	—	—	—	—	—	—	—	—	—	—	34 05	33 08	30 23	30 25	30 26	—	23 04	33 10	29 16	30 22	31 17	37 16	31 29
Quetta	—	—	—	—	25 15	33 23	32 23	33 30	—	—	—	—	—	—	07 35	07 27	—	—	—	—	33 10	31 26	26 28	27 47
Bahawalpur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

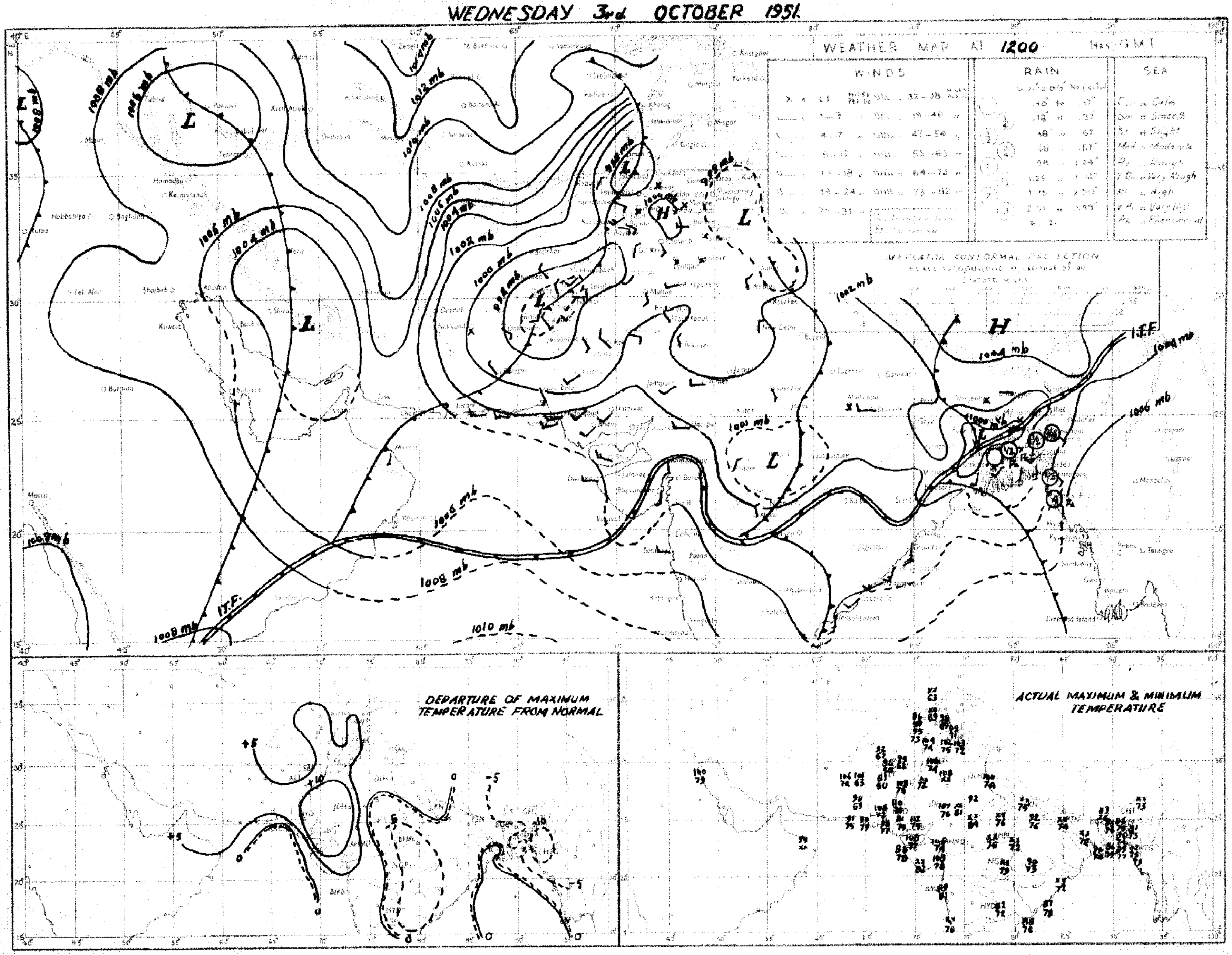
Cloud Observation Data (iiiGG Cddv, v_r)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

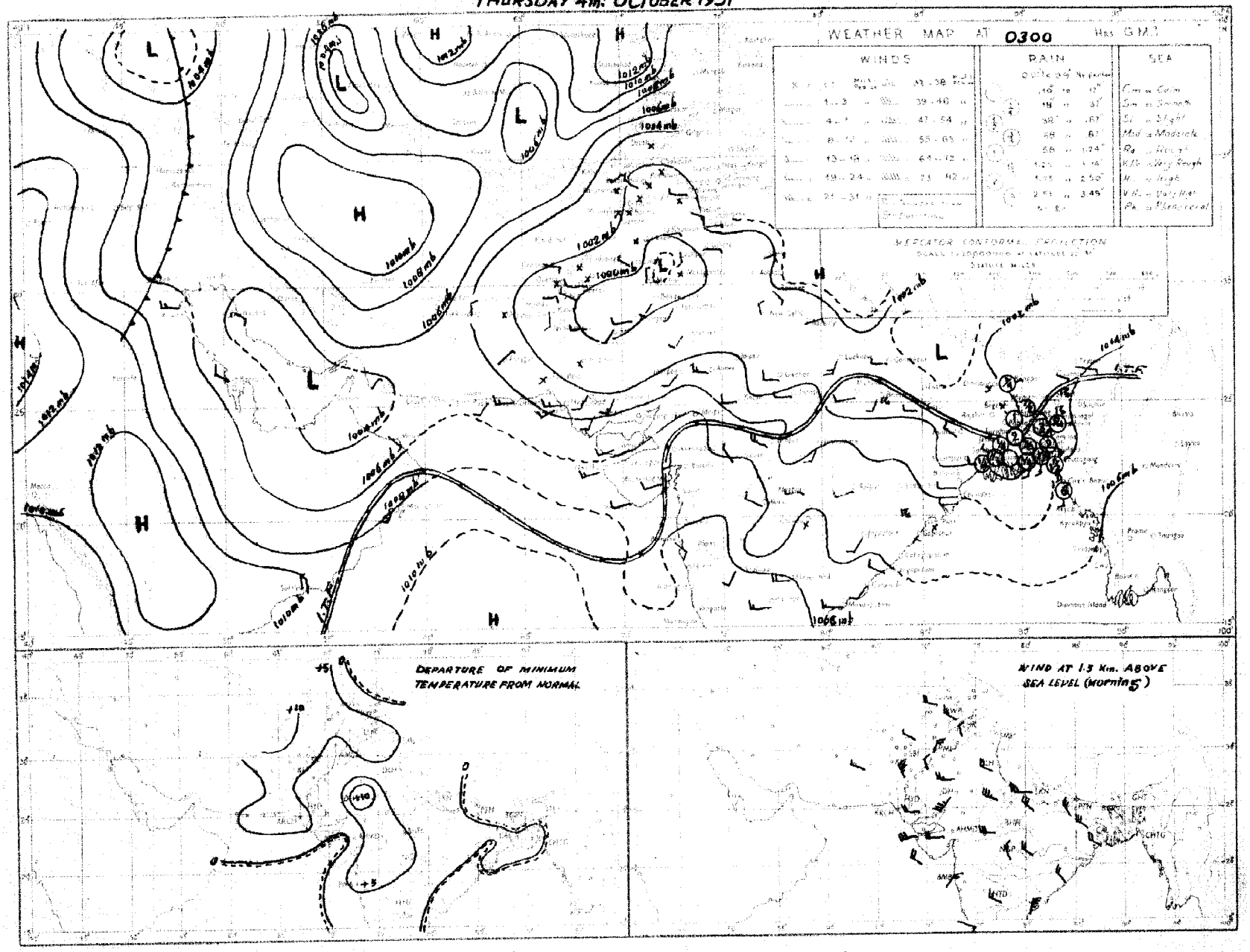
WEDNESDAY 3rd OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 4th: OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

Regd. No. S-1674

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 5TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Pressure gradient is steep over lower Sind and south Baluchistan.
Monsoon continues to be active in East Pakistan.

Fairly widespread rain and scattered thunderstorms have occurred in East Pakistan. Scattered duststorms have also been reported from north Baluchistan.

Chief amounts of rainfall are :—Srimangal and Rangpur 3" each ; Narayanganj 2" ; Brahmanbaria 1½" ; Cox's Bazar and Chittagong 1" each ; Mymensingh and Sirajganj ¾" each ; and Noakhali, Comilla, Jessore, Bogra and Dinajpur ½" each.

Day temperatures were appreciably to markedly above normal in West Pakistan outside Sind-Mekran coast and appreciably to markedly below normal in East Pakistan.

Forecast valid until the evening of 6th :—Fairly widespread rain/thundershowers will occur in East Pakistan. Moderate to strong gusty winds will also prevail in lower Sind and along Mekran coasts.

Karachi-11.
The 5th October, 1951.

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

OBSERVATIONS

Division	Station	At 1200 Hrs. G. M. T. of previous day: $RRRT_dT_d$	$N\,dd\,ff$	$VVwwW$	$PPPTT$	$N_hC_Lh\,C_MC_H$	$W_tD_LD_MT_xT_x$	At 0300 Hrs. G. M. T. of date: $RRRT_dT_d$	$N\,dd\,ff$	$VVwwW$	$PPPTT$	$N_hC_Lh\,C_MC_H$	$W_tD_LD_MT_nT_n$	Departure from normal: T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	090 78	8 18 10	93 62 9	098 79	8 5 4 2 0	4 × 0 80	110 79	5 15 03	94 02 6	058 86	4 2 5 2 0	9 × 0 77	- 7	+ 2	160.8	- 1.3	119.4	140
	Chittagong							094 77	7 16 02	96 21 6	051 83	7 7 5 0 0	9 × × 76		0	108.4	29.4	188.1	108
	Noakhali	045 78	8 00 00	94 03 6	xxx 80	4 3 5 2 3	- - - 80	045 77	5 18 05	96 01 1	xxx 82	8 2 5 0 2	- - - 75	- 7	—	—		—	115
	Comilla	048 77	8 18 05	98 03 4	998 79	8 5 7 0 0	7 0 0 60	048 77	4 18 05	98 01 1	088 84	2 2 7 0 2	9 0 0 75	- 9	- 1	103.2	+40 7	110 6	94
	Brahmanbaria	110 78	8 18 05	95 63 6	988 79	3 7 3 2	7 × 4 80	159 76	3 18 05	97 01 1	038 84	0 0 9 × 8	0 4 × 75	—	—	54.2	+ 4 1	64 1	78
	Dacca	xxx 77	- — —	95 61 0	988 79	6 7 4 4 0	3 × × 83	xxx 79	7 23 03	98 02 6	023 82	2 5 6 7 0	9 × × 75	—	—	—	—	—	—
	Narayanganj	120 77	8 23 08	93 16 6	985 80	8 9 5	7 × × 81	203 78	8 18 08	94 03 6	022 82	8 0 7 7 -	9 × 0 76	- 8	- 2	65.1	+15.6	84.0	74
	Mymensingh	000 80	8 00 00	98 02 2	980 81	8 4 7 -	- 84	082 78	8 09 02	98 21 6	030 78	8 6 5 - -	0 × × 76	- 3	- 3	46.0	- 18 4	54 1	91
	Srimangal	275 75	8 18 03	96 02 6	985 76	8 5 5 × ×	- - - 77	275 77	7 18 02	96 02 8	034 78	5 8 6 3 0	9 × 2 75	- 14	+ 1	99.4	+59.3	114 0	96
	Khulna	015 79	8 00 00	96 02 2	001 83	8 7 7 0 -	- - - 85	015 79	4 12 02	97 00 0	031 86	0 0 9 8 0	- - - 76	- 3	0	43.2	- 6.3	52.9	69
	Satkhira	000 79	8 35 02	97 03 2	997 83	5 4 6 6 0	- - - 84	000 80	4 23 03	97 03 1	026 80	2 4 7 5 0	- - - 78	- 5	+ 2	31.5	- 15.6	39.5	55
	Jessore	000 78	8 23 02	96 02 3	997 85	6 8 6 0 0	- - - 87	048 79	1 23 02	97 01 6	025 87	1 8 6 0 0	9 × × 78	—	—	33.0	- 11.7	40 0	65
	Faridpur	000 78	8 25 02	95 02 2	000 84	3 4 6 1 0	6 × × 84	000 80	8 16 05	97 02 2	025 83	6 4 6 1 0	9 × × 75	- 4	- 1	47.2	- 0.8	53.8	71
	Barisal	003 78	8 16 02	97 02 6	999 80	8 7 5 2 3	4 × × 80	003 80	8 23 05	98 03 1	033 85	8 6 5 5 0	- - - 76	- 8	- 2	51.5	- 6 0	62 1	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	042 78	8 00 00	97 02 2	071 82	8 2 7 0 0	7 0 0 83	079 76	8 00 00	98 22 2	013 79	8 4 6 0 0	2 0 0 77	- 5	0	50.7	+ 4.8	60 7	64
	Bogra	012 78	6 00 00	96 01 6	952 84	2 1 7 0 5	8 0 × 85	046 76	7 00 00	94 21 6	011 77	5 8 5 2 -	3 × 0 75	4	- 2	33.5	- 17 5	40.3	89
	Dinajpur	000 76	6 00 00	96 02 2	994 85	0 0 9 2 0	- - - 89	062 75	4 00 00	97 02 2	018 82	0 0 9 4 0	- - - 74	0	- 3	43.4	14.6	46.7	72
	Rangpur	255 xx	5 09 02	97 02 8	— —	5 6 8 0 0	7 0 0 —	295 xx	8 07 05	96 03 6	— —	8 5 7 0 0	7 0 0 —	—	—	68.3	+ 5.1	74 6	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 66	0 00 00	96 00 0	959 99	0 0 9 0 0	- - - 02	000 68	0 00 00	96 00 0	965 75	0 0 9 0 0	- - - 71	+ 6	+ 4	5.9	- 3 3	10 2	18
	Lahore	000 67	0 31 02	96 00 0	983 99	0 0 9 0 0	- - - 03	000 67	0 00 00	96 00 0	990 85	0 0 9 0 0	- - - 70	+ 5	+ 5	10.6	- 3.9	14.7	19
	Sialkot	000 67	2 00 00	97 02 1	954 98	2 0 3 6 0	- - - 00	000 67	0 59 02	97 00 0	001 82	0 0 9 0 0	- - - 76	+ 5	+ 8	13.8	- 0.8	18.8	22
	Jhelum	000 64	2 00 00	96 02 1	949 98	2 1 7 0 0	- - - 00	000 64	0 11 02	95 05 0	993 79	0 0 9 0 0	- - - 68	—	—	16.5	—	26 8	—
	Rawalpindi	000 56	0 00 00	98 00 0	945 76	0 0 9 0 0	- - - 99	000 51	0 00 00	97 00 0	001 75	0 0 9 0 0	- - - 64	+ 7	+ 2	14.9	- 8 7	25.7	30
	Murree †	000 44	0 00 00	98 00 0	909 71	0 0 9 0 0	8 × × 75	000 34	0 27 03	98 00 0	919 65	0 0 9 0 0	- - - 58	+ 6	+ 6	21.9	14 1	48 5	60
	Attock							xxx xx	0 31 05	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Khushab	000 72	2 20 05	98 03 1	049 01	2 3 6 0 0	- - - 04	000 69	0 07 02	98 00 0	988 80	0 0 9 0 0	- - - 73	+ 6	+ 4	3.1	- 7.3	8.0	15
	Montgomery	000 51	0 00 00	97 00 0	942 02	0 0 9 0 0	- - - 05	000 65	0 00 00	96 00 0	987 81	0 0 9 0 0	- - - 75	+ 4	+ 5	2.5	- 5.0	6.1	10
	Leiah	000 90	0 05 02	97 00 0	945 07	0 0 9 0 0	- - - 07	000 71	0 00 00	97 00 0	988 81	0 3 9 3 6	- - - 71	—	—	0.9	—	6.5	5
	Multan	000 80	0 18 02	97 00 0	951 04	0 0 9 0 0	- - - 06	000 62	0 00 00	98 00 0	989 78	0 0 9 0 0	- - - 74	+ 8	+ 4	3.8	- 1.1	6 2	7
	Khanpur	000 62	0 25 05	95 05 0	954 05	0 0 9 0 0	- - - 06	000 66	0 23 09	95 05 0	988 80	0 0 9 0 6	- - - 76	+ 7	+ 7	0.3	- 4.5	1.9	4
	Bahawalpur	000 75	0 00 00	97 00 0	957 98	0 0 9 0 0	- - - 03	000 63	0 00 00	97 00 0	984 74	0 0 9 0 0	- - - 71	+ 6	+ 3	1.9	- 2.8	5.0	6
	Fort Abbas	000 93	0 23 03	96 00 0	947 03	0 0 9 0 0	- - - 06	000 69	0 23 03	96 00 0	983 87	0 0 9 0 0	0 × × 76	—	—	2.8	—	3.7	3
N. W. F. P.	Drosh *	000 33	0 25 10	99 00 0	868 89	0 0 9 0 0	- - - 90	000 34	0 00 00	99 00 0	094 84	0 0 9 0 0	- - - 63	+ 3	+ 5	1.6	—	22.0	16
	Chakdara	000 65	0 36 02	99 00 0	942 93	0 0 9 0 0	- - - 98	000 60	0 05 02	98 00 0	007 71	0 0 9 0 0	- - - 60	—	—	5.5	—	18.8	—
	Cherat *	000 48	0 36 04	98 00 0	893 86	0 0 9 0 0	- - - 86	000 47	0 36 07	98 00 0	910 74	0 0 9 0 0	- - - 68	—	—	6.0	- 6 1	28.0	30
	Peshawar	000 46	1 09 02	97 03 1	952 95	1 1 7 0 0	- - - 01	000 40	0 20 03	98 00 0	998 76	0 0 9 0 0	- - - 65	+ 3	0	1.3	- 3.2	8.6	14
	Parachinar	000 21	0 13 02	99 00 0	935 81	0 0 9 0 0	- - - 55	000 36	1 05 02	99 01 1	916 72	0 0 9 0 1	- - - 57	+ 9	+ 4	10.0	—	27.4	29
	Miranshah	000 29	0 11 03	99 00 0	875 95	0 0 9 0 0	- - - 97	000 30	0 00 00	99 00 0	909 73	0 0 9 0 0	- - - 67	—	—	3.6	- 1.2	10.5	13
	Bannu	000 63	0 10 02	98 00 0	922 96	0 0 9 0 0	- - - 03	000 43	0 21 02	99 00 0	999 77	0 0 9 0 0	- - - 60	—	—	3.9	—	5.9	11
	D. I. Khan	000 64	0 00 00	96 00 0	948 00	0 0 9 0 0	- - - 02	000 54	0 31 02	96 00 0	997 75	0 0 9 0 0	- - - 75	+ 6	+ 7	1.1	- 4.4	2.8	9
	Wana																		11
	Landikotal	000 56	0 31 02	99 00 0	879 90	0 0 9 0 0	- - - 91	000 62	0 00 00	99 00 0	898 71	0 0 9 0 0	- - - 56	—	—	2.4	—	12.0	—
	Hangu	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	xxx xx	0 18 09	99 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 56 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 29	0 31 10	97 07 3	902 90	0 0 9 0 0	- - - 93	000 29	0 18 05	98 05 0	907 78	0 0 9 8 0	- - - 68	+ 3	+ 9	4.1	- 0.9	10 0	11
	Hindubagh	000 39	0 23 09	98 06 0	912 83	0 0 9 0 0	- - - 87	000 40	0 00 00	97 00 0	926 73	0 0 9 0 0	- - - 60	—	—	0.2	—	8.5	—
	Loralai	000 47	0 31 03	98 00 0	949 90	0 0 9 0 0	- - - 92	000 47	0 00 09	97 00 0	932 71	0 0 9 0 0	- - - 57	—	—	1.7	—	8.1	—
	Harnai (a)	000 xx	0 30 09	94 05 0	— —	0 0 9 0 0	- - - —	000 xx	0 27 02	95 00 0	— —	0 0 9 0 0	- - - —	—	—	2.0	- 5.5	10.6	14
	Sibi	000 37	0 31 18	95 07 0	943 02	0 0 9 0 0	2 × × 05	000 45	0 00 00	98 00 0	989 77	0 0 9 0 0	- - - 75	—	—	2.2	—	3.8	5
	Quetta †	000 42	1 31 12	98 01 3	923 84	0 0 9 3 0	3 × 0 86	000 51	0 00 00	98 07 0	981 68	0 0 9 0 0	- - - 59	—	—	0.7	- 0.2	0.3	9
	Chaman	000 31	0 31 09	97 00 0	914 89	0 0 9 0 0	- - - 92	000 32	0 11 02	97 00 0	925 76	0 0 9 0 0	- - - 65	+ 4	+ 11	0	- 0.2	1.6	8
	Nushki	000 32	0 31 10	97 00 0	978 99	0 0 9 0 0	- - - 69	000 35	0 09 07	97 00 0	990 84	0 0 9 0 0	- - - 78	—	—	0	—	5.5	—
	Dalbandin *	000 56	1 27 07	97 03 0	924 02	1 1 7 0 0	- - - 03	000 41	2 00 00	97 02 0	923 69	2 1 7 0 0	- - - 63	—	—	0	- 0.3	1.3	4
	Nokkundi	000 83	5 00 00	99 08 0	953 06	0 0 9 0 6	0 9 × 07	000 44	0 36 02	99 00 0	013 79	0 0 9 0 0	- - - 74	—	—	0	—	0.9	2
	Kalat †	000 56	0 31 09	98 00 0	952 78	0 0 9 0 0	- - - 81	000 39	0 18 05	98 00 0	957 57	0 0 9 0 0	- - - 51	+ 2	+ 6	0.6	- 0.4	4.7	7
	Turbat	000 66	0 25 05	95 07 0	016 08	0 0 9 0 0	- - - 10	000 77	0 28 02	96 00 0	072 88	0 0 9 0 0	- - - 79	—	—	0	—	1.4	—
	Panjgur *	000 48	0 31 03	97 00 0	012 88	0 0 9 0 0	- - - 00	000 56	0 06 02	97 00 0	044 70	0 0 9 0 0	- - - 65	+ 3	+ 5	0	—	3.2	5
	Las Bela																		5
	Ormara	000 76	0 27 09	96 00 0	014 87	0 0 9 0 0	- - - 90	000 75	0 27 05	96 00 0	043 75	0 0 9 0 0	- - - 80	—	—	0.3	0 5	3.1	6
	Pasni	000 77	0 23 12	98 00 0	014 87	0 0 9 0 0	- - - 91	000 76	0 27 03	96 00 0	044 79	0 0 9 0 0	- - - 76	+ 1	+ 7	0.8	0 1	6.0	6
	Jiwani																		4
SIND	Beti	000 89	0 37 07	96 00 0	965 10	0 0 9 0 0	- - - 11	000 70	0 18 07	96 00 0	981 80	0 0 9 8 0	- - - 72	—	—	1.7	—	2.2	—
	Jacobabad	000 36	0 23 05	97 00 0	957 12	0 0 9 0 0	- - - 15	000 55	0 28 05	96 00 0	989 83	0 0 9 0 0	- - - 77	+ 12	+ 6	0.2	- 2.0	0.7	4
	Sukkur	000 63	0 xx xx	96 00 0	961 03	0 0 9 0 0	- - - 11	000 65	0 xx xx	96 00 0	989 79	0 0 9 0 0	- - - 77	—	—	0.5	—	1.8	4
	Pad Idan	000 85	0 00 00	98 00 0	966 11	0 0 9 0 0	- - - 12	000 82	0 00 00	98 00 0	994 80	0 0 9 0 0	- - - 72	—	—	0.8	—	0.9	—
	Karachi (Manora)	000 79	0 27 05	98 00 6	013 83	0 0 9 0 0	- - - 87	000 76	5 27 09	96 02 2	043 79	5 6 4 0 0	- - - 73	0	+ 1	1.5	- 4 5	1 6	3
	Karachi (A. P.)	000 77	1 25 16	96 00 0	023 80	0 0 9 0 0	- - - 98	000 77	6 27 12	96 03 1	043 83	6 6 4 0 0	- - - 79	—	—	2.0	—	2.0	—
	Badin	000 87	0 23 07	96 00 0	012 93	0 0 9 0 0	- - - 97	000 76	6 18 07	97 00 0	040 81	6 5 9 0 0	- - - 78	+ 1	+ 8	7.0	- 0.3	7.0	9
	Nagarparkar																		—
	Chhor (Umerkot)	000 78	0 23 14	95 00 0	980 00	0 0 9 0 0	- - - 07	000 78	0 23 16	97 05 0	016 88	0 0 9 0 0	- - - 77	—	—	2.1	—	3.1	—
	Hyderabad	000 69	0 23 09	96 00 0	990 99	0 0 9 0 0	- - - 10	000 76	0 23 10	98 00 0	004 88	0 0 9 0 0	- - - 79	+ 10	+ 5	1.8	- 4.3	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 25	0 07 02	98 05 0	868 80	0 0 9 0 0	- - - 84	000 19	2 28 08	98 01 0	967 60	0 0 9 4 1	- - - 53	—	—	0.7	—	10 5	12
	Jalalabad	008 67	0 00 00	97 00 0	982 00	0 0 9 0 0	6 × × 60	000 53	1 27 02	97 01 0	989 70	0 0 9 0 1	3 9 × 61	—	—	0.5	—	6.9	—
	Kandahar	000 66	0 00 00	98 00 0	911 00	0 0 9 0 0	- - - 06	000 59	0 00 00	97 00 0	934 51	0 0 9 0 0	- - - 50	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 5TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_SD_MT_ST_X$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_SD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Iran	Charba:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Masnec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Muscat	000 68	0 18 02	97 00 0	025 96	0 0 0 0 0	- - - 97	000 70	0 00 00	96 00 0	034 88	0 0 0 0 0	× 0 0 ××	+ 5	-	0	- 0.1	8.5	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 ××	0 31 09	97 00 0	033 94	0 0 0 0 0	- - - 95	000 ××	0 27 02	97 00 0	068 85	0 0 0 0 0	5 0 0 80	-	-	0	-	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,550-3,556 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 2 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Parmayata	58 212	672 00	4 29 08	96 02 0	078 88	41 6 8x	-	-	-	-
Resoule	53 212	614 00	3 23 12	98 01 0	074 83	32 6 ××	7 6 300	-	0 61 79	2 20 ××
Palam Cotta	53 210	685 08	3 27 08	95 02 0	078 85	31 6 00	-	-	-	-
Jersey	58 175	710 08	6 29 05	98 02 2	076 85	42 4 35	7 3 300	-	0 01 80	1 38 22
Circassia	58 222	685 12	5 24 16	98 03 1	068 85	51 5 00	-	-	-	-
Khosrou	55 203	611 12	0 22 18	98 00 0	066 84	00 0 00	1 3 810	-	0 01 77	1 22 25
Devonshire	52 079	746 12	4 27 08	99 03 1	094 83	32 5 81	5 5 502	-	0 51 74	-
Circassia	53 212	623 12	4 24 15	98 03 1	057 88	41 5 00	-	-	-	-
Palam Cotta	53 203	697 12	4 27 09	98 02 1	057 88	31 6 48	-	-	-	-
Sloterely	53 082	781 12	3 26 10	98 07 0	082 82	23 6 40	6 5 604	-	0 59 74	1 26 43
Dwarka	53 210	708 12	2 25 18	98 01 0	082 85	31 4 00	5 5 805	-	0 02 81	-
Rizwani	53 165	622 12	1 23 13	98 03 0	090 85	11 6 00	-	-	-	-
Jersey City	53 193	701 18	3 30 13	98 01 1	065 83	21 4 30	7 3 300	-	0 01 82	1 51 22
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE:—	iiiGG		PoPoPoToTo		TdoTdoTxoXrX2		P1P2h1h1h1		T1T1Td1Td1Tx1 etc.		5555		h2h2P2P2P2		T1T1Td1Td1Tx1 etc.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Karachi	180 14	000 28	262 60	854 82	271 15	730 25	165 12	509 35	549 94	301 90	799 94	565 53	320 00	271 87	868 00	250 55	356 22	055 84

STATION	20	21	22	23	24	25	26
Karachi	436 05	068 80	466 00	050 22	725 42	009 98	504 00

PPP—Pressure in hundreds, tens and units of millibars. FP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ‡ 1	2	3	4	5	6	7	8	9	10	11	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Bogra	33 19	32 15	-	-	-	-	-	-	-	-	21 10	23 17	35 14	29 16	-	-	
Dhaka	23 16	23 13	24 12	25 06	29 11	-	-	-	-	-	32 10	32 13	24 16	-	-	-	
Chittagong	-	-	-	No	ascent	-	-	-	-	-	No ascent			-	-	-	
Dod's Bazar	-	-	-	No	ascent	-	-	-	-	-	24 27	24 27	25 20	27 15	29 22	29 14	
Dacca	21 07	21 06	-	-	-	-	-	-	-	-	-	-	03 07	08 09	22 03	25 03	
Balbandia	-	-	10 01	21 03	28 03	28 12	32 20	28 34	28 47	-	-	-	-	16 01	calm	03 03	
Drosa	-	-	-	-	03 05	03 02	09 03	35 10	29 14	-	-	-	-	33 03	31 13	31 23	
Port Bandemar	-	-	-	33 19	31 24	31 34	-	-	-	-	-	-	-	31 12	31 15	31 15	
Jacobabad	25 08	31 11	31 13	34 18	32 17	34 13	32 14	29 42	29 45	28 49	25 26	29 11	30 13	32 13	31 15	31 15	
Shelum	25 01	27 05	31 05	34 06	32 10	29 14	27 19	29 21	29 19	-	14 03	15 04	30 08	29 10	34 12	33 03	
Sawani	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Karachi	25 31	27 23	38 25	30 19	30 15	35 17	01 17	33 13	25 21	28 15	28 27	28 27	28 13	28 21	29 11	-	
Khanpur	32 06	36 07	30 03	27 06	30 10	32 16	31 18	29 35	-	-	26 34	26 30	28 31	33 30	31 29	-	
Lahore	30 05	26 06	27 04	27 09	31 10	29 15	28 21	29 33	29 47	28 56	29 04	29 04	29 02	29 04	29 06	32 08	
Multan	03 05	03 06	03 06	01 07	35 12	32 13	27 14	-	-	-	15 95	17 04	16 05	20 08	23 09	33 13	
Peshawar	-	04 05	30 08	29 11	29 12	25 10	20 02	34 19	33 15	31 28	-	33 04	33 06	26 02	29 16	29 20	
Quetta	-	-	-	-	33 15	32 19	32 35	30 29	29 34	28 39	-	-	-	-	20 09	30 19	
Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shariat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

STATION	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8
1	13	14	15	16	17	18	19	20
Bogra	22 10	-	-	-	-	-	-	-
Dhaka	28 27	27 10	26 13	23 13	-	-	-	-
Chittagong	17 15	18 15	20 16	24 16	-	-	-	-
Dod's Bazar	22 05	22 07	22 07	26 07	-	-	-	-
Dacca	23 20	23 17	22 17	-	-	-	-	-
Balbandia	-	-	05 04	11 04	23 05	36 04	05 04	-
Drosa	-	-	-	-	30 03	36 31	31 28	-
Port Bandemar	-	-	-	28 04	37 09	34 19	38 31	-
Jacobabad	32 19	33 09	32 12	33 18	33 15	33 10	33 21	-
Shelum	13 03	33 05	31 08	30 13	31 18	33 17	33 21	-
Sawani	-	-	-	-	-	-	-	-
Karachi	28 28	28 28	29 23	-	-	-	-	-
Khanpur	33 37	31 37	33 30	31 34	31 30	-	-	-
Lahore	19 03	31 04	31 07	31 11	30 12	34 08	34 17	33 19
Multan	17 12	18 12	09 11	06 07	36 11	34 06	30 05	30 13
Peshawar	-	03 05	35 07	33 10	33 16	32 36	34 17	31 18
Quetta	-	-	-	-	32 19	31 33	-	-
Bushire	-	-	-	-	-	-	-	-
Shariat	-	-	-	-	-	-	-	-

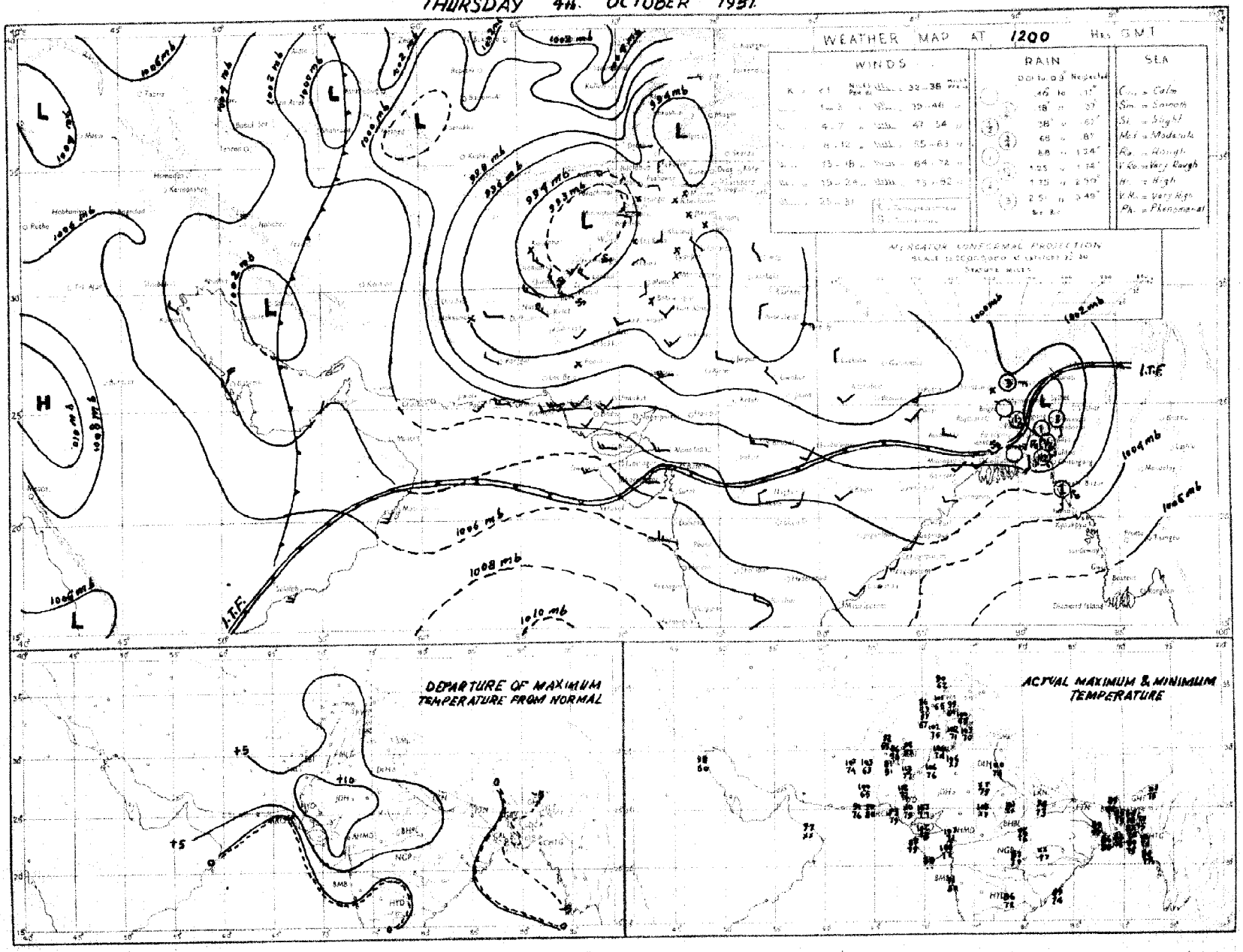
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.5, 2.1, 2.9 4.8 6.8, 7.8, and 9.8 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

Cloud Observation Data (iiiGG Cddv, v,)

PAKISTAN DAILY WEATHER MAP

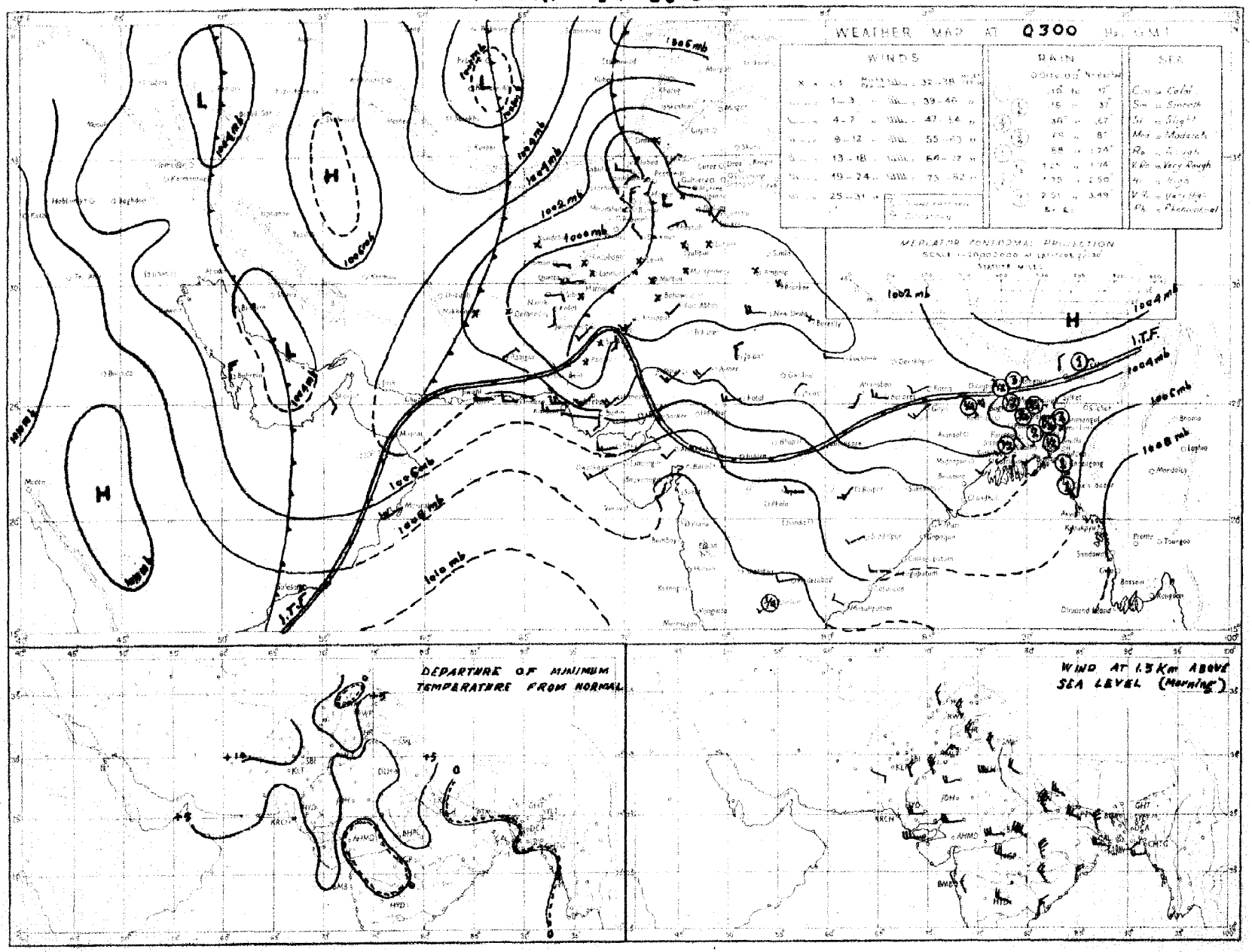
THURSDAY 4th. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 5th. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 *hours.*

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1674

FOR SATURDAY, THE 6TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A low pressure wave is moving away eastwards across Kashmir and the adjoining north Punjab.
A trough of low lies in the south and the central Bay of Bengal.

Another trough lies off Konkan coast.

Fairly widespread rain/thundershowers have occured in East Pakistan.

Chief amounts of rainfall are :—Comilla and Brahmanbaria 2" each ; Mymensingh and Srimangal 1½" ; Narayanganj ¾" ; and Faridpur ½".

Day temperatures were markedly to considerably above normal in upper Sind, the plains of Punjab and the upper North-West Frontier Province.

Forecast valid until the evening of 7th :—Local thunderstorms/showers will occur in East Pakistan. Scattered thuderstorms will also occur in Kashmir and the adjoining north Punjab.

Karachi-11.
The 6th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. [illegible] T of previous day: RRRTdTd	N dd ff	VVwwW	PPPTT	NhClhCMCH	WtDhDMTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDnDMTnTn	Departure from normal: TxTx	TnTn	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 79	5 13 02	94 02 1	046 82	5 5 5 2 0	- - - 90	000 85	1 15 08	97 01 1	097 88	1 1 6 0 0	- - - 76	+ 3	+ 1	109.8	2 6	119.4	140
	Chittagong	000 76	4 ×× ××	96 02 1	035 82	2 1 6 7 0	- - 85	000 74	0 16 02	97 00 0	089 83	0 0 9 0 0	- - - 77	- 2	+ 2	102.5	23.3	182.8	108
	Noakhali	000 79	5 18 05	95 03 1	××× 83	2 2 5 2 0	- - - 85	000 78	5 13 05	96 03 1	××× 81	3 2 5 2 0	- - - 81	- 1	+ 5			—	115
	Comilla	000 79	4 13 13	98 03 1	014 86	4 3 7 0 0	- - - 66	218 72	8 27 05	98 61 6	098 84	8 5 7 0 0	1 0 0 76	- 3	0	116.3	+51 5	129 7	94
	Brahmanbaria	000 78	2 18 09	97 01 1	××× 84	1 1 5 0 1	0 4 × 89	219 83	8 00 00	96 03 6	083 75	2 7 4 3	- - - 73	—	—	60.4	+ 5 9	66 3	78
	Dacca	××× 81	5 20 02	96 03 1	010 85	3 3 5 3 0	- - 90	××× 75	8 00 00	96 60 9	082 77	7 7 4 4 -	- 72		—	—		—	—
	Narayanganj	000 80	8 18 08	97 03 2	010 85	8 4 5 2	- - - 89	061 75	8 00 00	94 60 6	070 77	0 0 7 7 -	9 × 0 73	0	- 4	65.7	+16.1	84.6	74
	Mymensingh	131 77	8 09 02	98 02 6	015 66	6 6 6 4 4	- - - 84	445 77	4 00 00	99 01 6	080 80	4 4 7 0 8	- - 75	- 3	—	47.4	- 17 2	55 5	91
	Srimangal	080 76	8 00 00	95 03 9	022 77	8 5 5 2 4	- - - 87	150 78	8 09 02	96 02 9	002 74	8 5 5 - -	9 × × 72	- 4	—	72.5	+17.0	86.9	98
	Khulna	000 81	2 09 00	97 01 0	013 86	2 6 8 2 0	- - - 94	000 81	5 12 02	97 01 1	081 87	5 8 7 0 0	- - - 74	+ 6	—	42.0	- 7 7	50.8	69
	Satkhira	000 85	6 23 03	96 03 1	014 87	3 4 7 6 0	- - - 92	000 82	7 23 03	97 03 1	082 87	6 4 4 6 0	- - - 82	—	—	32 6	- 4.6	40.6	65
	Jessore	000 80	4 18 02	96 02 3	013 88	4 8 6 0 0	- - - 95							—					65
	Faridpur	000 81	6 00 00	95 02 1	007 88	4 5 6 1 0	- - - 86	040 77	7 00 00	96 02 1	082 78	6 6 5 1 0	- - - 73	0	- 4	47.2	0 9	53.6	71
	Barisal	000 80	7 15 03	97 02 1	019 85	3 4 5 2 8	- - - 90	000 81	7 18 05	98 03 1	078 86	7 4 6 0 0	- - - 80	+ 2	+ 3	56.4	- 1 3	67 1	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 82	4 00 00	95 01 1	009 86	3 1 7 0 0	- - - 98							+ 2					64
	Bogra	××× ××	3 07 00	96 01 1	007 87	1 1 7 0 1	- - - 91	006 75	6 05 02	98 01 6	076 77	4 2 6 7 8	- - - 74	+ 2	- 1	38.8	17 4	40.8	60
	Dinajpur	060 79	9 00 00	98 00 0	019 88	0 0 9 0 0	- - - 90	000 77	7 09 02	97 02 2	086 84	0 0 9 2 0	- - - 74	+ 1	- 1	42 4	14.7	46.7	71
	Rangpur	000 ××	6 07 02	97 02 1	— —	6 5 8 0 0	- - - —	000 ××	2 09 02	98 02 1	— —	2 1 8 0 0	- - - —	—	—	48 3		77.6	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Mingar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 67	0 00 00	96 00 0	962 99	0 0 9 0 0	- - - 03	000 62	0 05 02	96 00 0	031 78	0 0 9 0 0	- - - 72	+ 7	+ 7	5.9	- 3.3	10 2	18
	Lahore	000 67	0 00 00	96 00 0	970 91	0 0 9 0 0	- - - 07	000 64	0 00 00	96 00 0	940 82	0 0 9 0 0	- - - 72	+ 9	+ 7	10 6	3.9	14.7	19
	Sialkot	000 63	2 00 00	97 02 1	964 95	2 0 8 6 0	- - - 01	000 65	1 05 02	97 02 1	043 81	0 0 9 0 4	- - - 76	+ 6	+19	18.8	- 0.8	18.7	32
	Jhelum	000 58	1 23 02	96 02 1	968 97	1 1 7 0 0	- - - 02	000 61	0 00 00	95 05 0	052 79	0 0 9 0 0	- - - 69	—	—	16.5	—	25 8	—
	Rawalpindi	090 57	0 00 00	99 00 0	961 90	0 0 9 0 0	- - - 01	000 55	0 00 00	97 00 0	061 74	0 0 9 0 0	- - - 65	+ 9	+ 5	14 9	- 8.8	25.7	36
	Murree †	000 36	0 29 02	98 00 0	922 72	0 0 9 0 0	- - - 77	000 43	0 31 03	97 00 0	964 64	0 0 9 0 0	- - - 60	+ 8	+ 8	21.9	14.2	48 5	60
	Attock	××× ××	0 31 05	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 13 05	98 00 0	— —	0 0 9 0 0	- - - —			—		—	—
	Khushab	000 73	0 18 05	98 00 0	964 02	0 0 9 0 0	- - - 04	000 65	0 07 05	98 00 0	040 81	0 0 9 0 0	- - - 73	+ 6	+ 6	3.1	- 7.2	8.0	15
	Montgomery	000 69	0 00 00	97 00 0	963 04	0 0 9 0 0	- - - 04	000 61	0 13 03	96 00 0	031 88	0 0 9 0 0	- - - 76	+ 5	+ 9	2.5	- 6.0	8.1	10
	Leiah	000 91	0 05 02	97 00 0	955 08	0 0 9 0 0	- - - 00	000 67	0 27 02	97 00 0	026 72	0 0 9 0 0	- - - ××	—	—	0.0	—	4.6	8
	Multan	000 46	0 31 02	97 00 0	964 05	0 0 9 0 0	- - - 08	000 63	0 18 02	97 00 0	028 80	0 0 9 0 0	- - - 76	+ 10	+ 9	3.8	1.1	6 9	7
	Khanpur	000 93	0 28 03	95 05 0	962 07	0 0 9 0 0	- - - 07	000 74	0 23 10	94 04 0	021 79	0 0 9 0 0	- - - 76	+ 5	—	0.3	4.5	1.9	6
	Bahawalpur	000 75	0 00 00	97 00 0	965 98	0 0 9 0 0	- - - 02	000 71	0 20 08	97 00 0	027 76	0 0 9 0 0	- - - 71	+ 6	—	1.9	2.3	5 0	5
	Fort Abbas	000 92	0 00 00	96 00 0	960 02	0 0 9 0 0	0 × × 04	000 77	0 23 05	96 00 0	037 83	0 0 9 0 0	- - - 76	—	—	2.8	—	3.7	8
N. W. F. P.	Drosh *	000 35	1 25 09	99 02 1	868 68	0 0 9 3 1	2 0 9 82	000 36	0 00 00	99 00 0	978 65	0 0 9 0 0	- - - 63	+ 10	+ 7	1.8	—	22 0	18
	Chakdara	000 61	0 00 00	99 00 0	953 93	0 0 9 0 0	- - - 99	000 51	0 16 02	96 00 0	063 67	0 0 9 0 0	- - - 61	—	—	6.5	—	18.8	—
	Cherat *	000 49	0 16 05	98 00 0	900 87	0 0 9 0 0	- - - 92	000 49	0 18 04	97 00 0	953 72	0 0 9 0 0	- - - 66	—	+ 5	6.0	- 6 1	28.0	20
	Peshawar	000 54	1 36 08	96 02 1	965 91	1 1 7 0 0	- - - 96	000 49	0 00 00	96 00 0	053 73	0 0 9 0 0	- - - 65	+ 4	+ 2	1.8	- 2.7	9 1	14
	Parachinar	000 30	0 13 02	99 00 1	934 81	0 9 9 0 0	5 × × 87	000 37	0 36 02	99 00 0	950 68	0 0 9 0 0	- - - 58	+ 10	+ 7	10.1	—	27.6	39
	Miranshah	000 47	0 11 03	99 00 0	802 93	0 0 9 0 0	- - - 97	000 37	0 00 00	99 00 0	982 73	0 0 9 0 0	- - - 66	—	—	3.9	- 1 2	10.5	15
	Bannu	000 59	0 18 02	99 00 0	957 98	0 0 9 0 0	- - - 03	000 55	0 00 00	99 00 0	035 72	0 0 9 0 0	- - - 68	—	—	0.9	—	5.8	11
	D. I. Khan	000 69	0 11 02	97 00 0	962 08	0 0 9 0 0	- - - 04	000 69	0 00 00	96 00 0	033 75	0 0 9 0 0	- - - 75	+ 7	+10	1.1	- 4.4	2.3	9
	Wana																		11
	Landikotal	000 60	0 18 02	98 00 0	881 92	0 0 9 0 0	- - - 93	000 68	0 00 00	99 00 0	— —	0 0 9 0 0	- - - 61			2.4	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - —	××× ××	0 00 09	97 00 0	— —	0 0 9 0 0	- - - —	—	—		—	—	—
	Thal	××× ××	0 23 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 09 09	99 00 0	— —	0 0 9 0 0	- - - -	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 25	0 31 03	96 05 0	887 92	0 0 9 0 0	- - - 93	000 26	0 00 09	96 05 0	955 89	0 0 9 0 0	- - - 64	+ 3	+ 7	4.1	- 6.9	10 0	11
	Hindubagh	000 41	1 00 00	97 01 1	918 85	0 0 9 0 2	7 0 × 88	000 45	0 23 02	98 00 0	951 70	0 0 9 0 0	- - - 58	—	—	0.2	—	8.5	—
	Loralai	000 77	3 00 00	96 01 0	879 53	0 0 9 6 0	- - - 94	000 47	0 00 09	98 00 1	849 69	0 0 9 0 0	- - - 61	—	—	1.7	—	8 1	—
	Harnai (a)	000 ××	0 31 03	95 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 05 02	96 00 0	— —	0 0 9 0 0	- - - —		—	2.0	- 5.5	10.6	14
	Sibi	000 20	0 23 09	93 00 0	045 10	0 0 9 0 0	- - - 13	000 47	0 00 00	98 00 0	014 80	0 0 9 0 0	- - - 74	—	—	2.2	—	3.8	5
	Quetta †	000 41	0 34 10	98 00	959 81	0 0 9 0 0	- - - 87	000 47	1 25 02	98 07 0	956 66	0 0 9 3 0	- - - 49	—	—	0.8	- 9.2	9.3	9
	Chaman	000 76	0 07 02	97 00 0	912 91	0 0 9 0 0	- - - 93	000 35	0 23 08	97 00 0	944 77	0 0 9 0 0	- - - 70	+ 8	+17	0	- 8.2	8.6	8
	Nushki	000 49	0 31 10	97 00 0	060 99	0 0 9 0 0	- - - 01	000 50	0 11 10	96 00 0	985 84	0 0 9 0 0	- - - 79	—	—	0	—	5.5	—
	Dalbandin *	000 50	0 23 03	97 02 1	004 01	1 1 7 0 0	- - - 08	000 48	0 00 00	97 00 0	038 70	0 0 9 0 0	- - - 67	—	+ 16	3	- 0.3	1.5	4
	Nokkundi	000 79	5 11 02	99 03 1	944 04	0 0 0 0 5	0 0 × 07	000 45	0 00 00	99 00 0	024 90	0 0 9 0 0	- - - 73	—	—	0	—	0.9	3
	Kalat †	000 56	0 31 05	98 00 0	943 81	0 0 9 0 0	- - - 83	000 48	0 18 05	98 00 0	975 65	0 0 9 0 0	- - - 56	+ 4	+ 14	0.8	- 0.4	4.7	7
	Turbat	000 64	0 20 05	97 00 0	942 08	0 0 9 0 0	- - - 06	000 76	8 25 02	95 03 0	052 79	8 9 7 0 0	3 0 0 77	—	—	0		1 4	—
	Panjgur *	000 69	0 28 05	97 00 0	951 97	0 0 9 0 0	- - - 99	000 56	0 26 02	97 00 0	950 68	0 0 9 0 0	- - - 64	+12	+ 8	0	—	2.2	5
	Las Bela	000 72	0 16 08	97 00 0	997 95	0 0 9 0 0	- - - 05	000 77	0 00 00	99 00 0	055 81	0 0 9 0 0	- - - 76	—	—	1.6	—	1.7	6
	Ormara	000 81	0 27 05	96 01 0	024 86	0 0 9 0 0	- - - 88	000 75	0 27 05	96 00 0	067 80	0 0 9 0 0	- - - 78	—	—	0.3	0 5	3 1	6
	Pasni	000 76	5 27 09	98 02 1	023 86	5 0 9 4 0	5 × × 88	000 74	0 27 03	95 00 0	080 77	0 0 9 0 0	- - - 72	+ 2	+ 3	0.8	0 1	5 0	6
	Jiwani																		4
SIND	Reti	000 91	0 27 05	96 00 0	969 09	0 0 9 0 0	- - - 12	000 75	0 18 10	96 00 0	036 78	0 0 9 0 0	- - - 74	—	—	1.7	—	2.2	—
	Jacobabad	000 83	0 16 05	97 00 0	959 10	0 0 9 0 0	- - - 14	000 71	0 13 05	97 00 0	023 81	0 0 9 0 0	- - - 77	+13	+ 9	0.2	2.0	0.7	4
	Sukkur	000 84	0 ×× ××	96 00 0	962 03	0 0 9 0 0	- - - 10	000 72	0 00 00	96 00 0	021 79	0 0 9 0 0	- - - 77			0.5	—	1.9	4
	Pad Idan	000 40	0 23 05	98 00 0	965 11	0 0 9 0 0	- - - 13	000 72	2 13 05	98 01 0	019 82	3 5 7 0 0	- - - 75	—	—	0.3	—	0.9	—
	Karachi (Manora)	000 77	3 27 09	96 01 1	025 83	3 5 4 0 0	- - - 85	000 76	3 25 09	97 01 1	062 80	3 5 4 0 0	- - - 78	- 2	+ 3	1 5	- 4 5	1 8	3
	Karachi (A. P.)	000 79	5 25 10	96 02 1	026 85	5 5 5 0 0	- - - 89	000 79	4 27 10	96 03 1	062 81	4 5 4 0 0	- - - 79	—	—	2.9		3.0	—
	Badin	000 78	0 25 09	95 34 3	023 89	0 0 9 0 0	- - - 03	000 77	0 23 07	97 00 0	064 81	0 0 9 0 0	- - - 77	- 3	—	7.0	- 0.2	7.9	9
	Nagarparkar																		
	Chhor (Umarkot)	000 77	0 23 10	96 06 4	094 94	0 0 9 0 0	- - - 97	000 75	0 23 14	97 00 0	046 82	0 0 9 0 0	- - - 75	—	—	2.3	—	2.3	—
	Hyderabad	000 74	0 23 10	97 00 0	001 99	0 0 9 0 0	- - - 01	000 75	0 23 05	96 00 0	040 81	0 0 9 0 0	- - - 78	+ 1	+ 5	1.3	- 4.3	2.0	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul	000 25	1 02 02	98 01 0	048 81	1 8 8 1 0	- - - 84	005 28	0 29 02	98 00 0	056 58	0 0 9 0 0	- - - 52	—	—	0.7	—	13.5	12
	Jalalabad	000 76	1 00 00	97 01 1	982 95	0 0 9 0 1	2 0 × 97	000 57	0 27 02	97 00 1	194 68	0 0 9 0 0	- - - 62	—	—	0.5	—	6.9	—
	Kandahar	000 52	0 00 00	98 00 0	900 90	0 0 9 0 0	- - - 98	000 53	0 00 00	97 00 0	990 66	0 0 9 0 0	- - - 50	—	—	0	—	10.6	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 6TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_sD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_MD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charba:	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	5
	Masneé	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	18
	Bushire	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	800 84	0 18 02	97 00 0	013 89	0 0 9 0 0	- - - 24	000 77	0 00 00	97 00 0	051 88	0 0 0 0 0	- - - xx	+ 2	—	0	—	2.5	4
	Sharjah	—	-	-			-	-	-	-	-	-	-	-	—				4
	Kuwait	000 xx	0 11 05	97 00 0	046 92	0 0 9 0 0	- - - 83	000 xx	0 26 12	97 00 0	035 83	0 0 9 0 0	- - - 79	—	—	0	—	1.5	4

* Barometer readings reduced to 1 geodynamic Kilometre 3,350-3,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (5,699-5,715 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049,-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Circassia	63 192	598 00	0 23 17	98 01 4	051 80	00 9 90		—	—	—
Jersey City	63 110	692 06	3 31 05	97 02 1	068 85	21 4 40	7 8 300	—	0 01 77	1 21 22
Shewedagon	63 245	619 12	0 14 18	87 00 0	032 xx	00 9 00	-	—	—	—
Circassia	63 176	571 12	0 20 18	98 00 1	051 80	00 9 00	—	—	—	—
Rizwani	63 173	651 06	1 23 13	98 62 0	081 88	—	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc:	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi ...										

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8	9	10	11
1	2	3	4	5	6	7	8	9	10	11	12
Bogra	24 02	25 05	23 07		-	-	-	-			—
Dhoo	23 21	22 16		—	—				—		
Chittagong	18 17	18 17	26 13	28 15	29 17	28 19		—			—
Cox's Bazar	15 15	19 14	19 11	28 08	25 07	31 15	29 06	35 04	—		—
Dacca	21 15	21 19	21 22	—					—		—
Baibandia	—	—	28 04	24 15	24 05	24 03	24 07	27 31	27 27		—
Drost		—	—	—	05 04	01 04	02 05	03 07	34 20		—
Fort Sandeman	—		—	30 30	27 19	30 14	28 09	30 24	—		—
Sukkur	27 07	26 08	27 12	28 06	20 05	24 09	30 13	29 19	—		—
Sibi	15 02	14 03	18 04	29 10	30 12	29 10	33 05	29 10	30 21	25 25	
Siwani	—				—	—	—	—	—		—
Karachi	26 27	28 20	27 14		—				—		—
Khanpur	30 06	34 09	33 11	32 11	31 11	31 15	33 12	30 21	—		—
Lahore	34 01	32 01	32 03	33 03	32 06	33 06	29 09	29 14	—		—
Multan	17 03	13 03	15 05	14 03	29 06	25 08	13 13	29 17	—		—
Peshawar	...	—	—	-	—		—	—			
Quetta	—	-		-	33 24	32 31	32 25	19 09	32 21	26 33	
Bushire	—	-		-		—					
Sharjah	—			-		—					

Station	At 2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8
1	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	12 17	16 49	21 08	24 08	—	—	10 06	15 09	—	20 06	28 09	—	-	—
Dhoo			—	—	-		22 28	23 20	—					—
Chittagong	18 21	18 18	19 25	—	—	—	17 16	17 21	18 18	23 18	23 08	20 10	12 06	22 06
Cox's Bazar			No ascent		—	—	17 11	17 11	20 11	23 09	23 08	-	—	—
Dacca	21 15	23 13	24 12	26 12	29 10	—	17 05	22 04	29 08	30 15	31 14	29 12	-	—
Baibandia	—	—	—						24 23	26 15	28 10	22 11	—	—
Drost	—		27 04	26 10	28 10	30 09	—	—	—	—	08 08	20 02	04 05	30 10
Fort Sandeman			—	18 04	17 09	11 17	—			24 02	24 03	22 14	24 04	—
Sukkur	21 19	21 15	22 10	28 06	25 02	34 09	14 05	23 13	32 14	29 01	16 03	11 05	30 04	—
Sibi	11 06	19 06	22 07	26 05	26 05	31 07	24 01	12 08	16 05	25 08	29 06	32 09	36 17	29 05
Siwani	—	—	—	—	—	—	—	—	—	—		..	—	—
Karachi	27 17	27 19	28 29	28 21	24 13	17 02	28 19	27 25	29 27	27 27	27 23	—	—	—
Khanpur	20 10	22 13	22 14	23 16	27 11	—	31 26	26 17	26 17	28 13	30 15	23 11	—	—
Lahore	22 06	23 03	24 02	23 01	24 02	31 03	14 07	14 14	13 13	15 02	32 04	25 03	25 20	34 15
Multan	16 17	16 13	21 13	22 14	27 13	29 15	18 12	14 13	15 13	09 03	08 06	30 05	31 06	—
Peshawar	—	—	—	—	—	—	—	35 12	23 11	23 05	27 04	27 19	28 12	29 15
Quetta	—	—	—	—	30 08	02 13	—	—	-	-	17 03	18 04	31 13	29 13
Bushire	—	-	-	—	—		—		—	-	—	—	—	—
Sharjah	—						—					—	—	

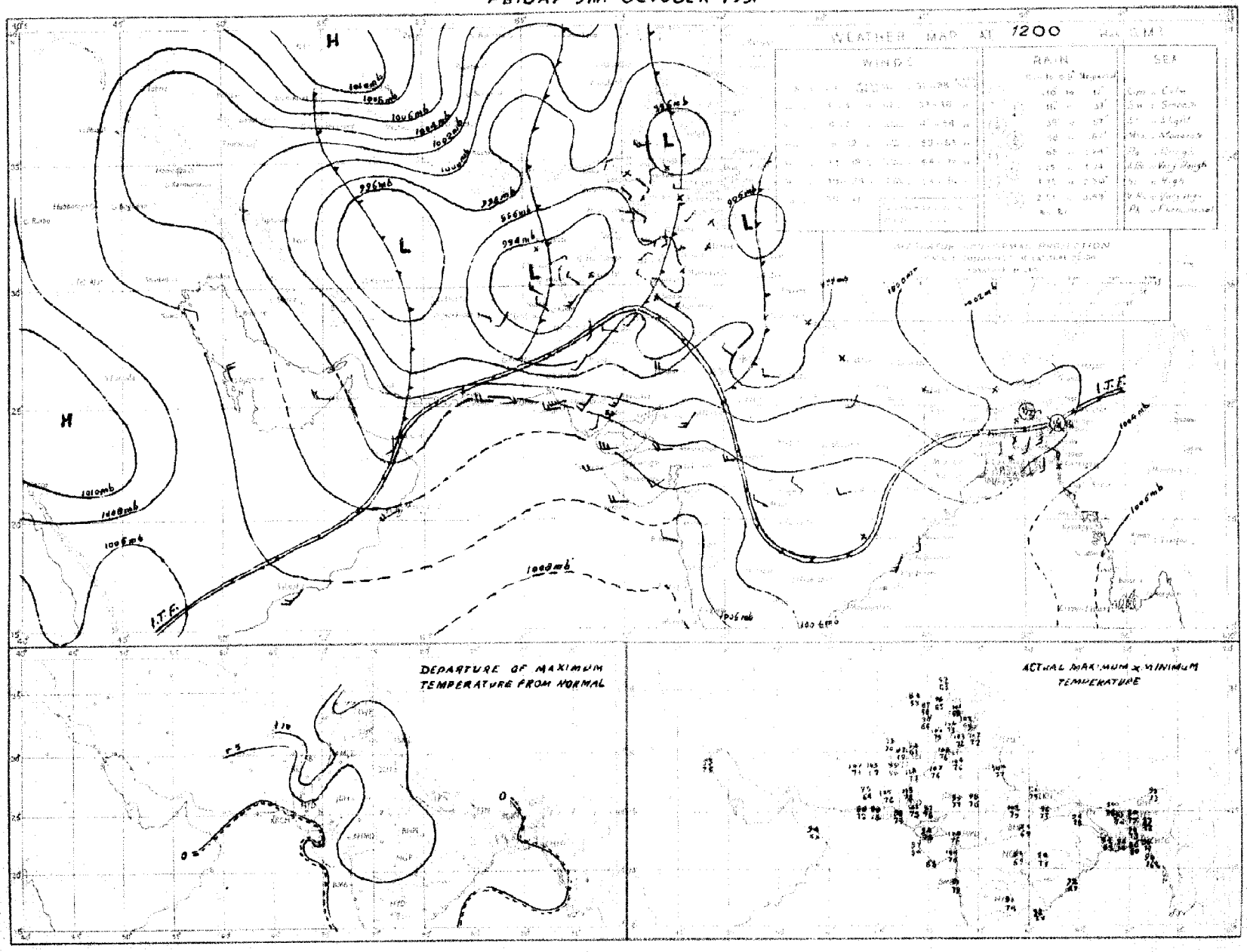
Cloud Observation Data (iiiGG Cddv, v,)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper w nds relate are 0.2, 0.6, 0.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

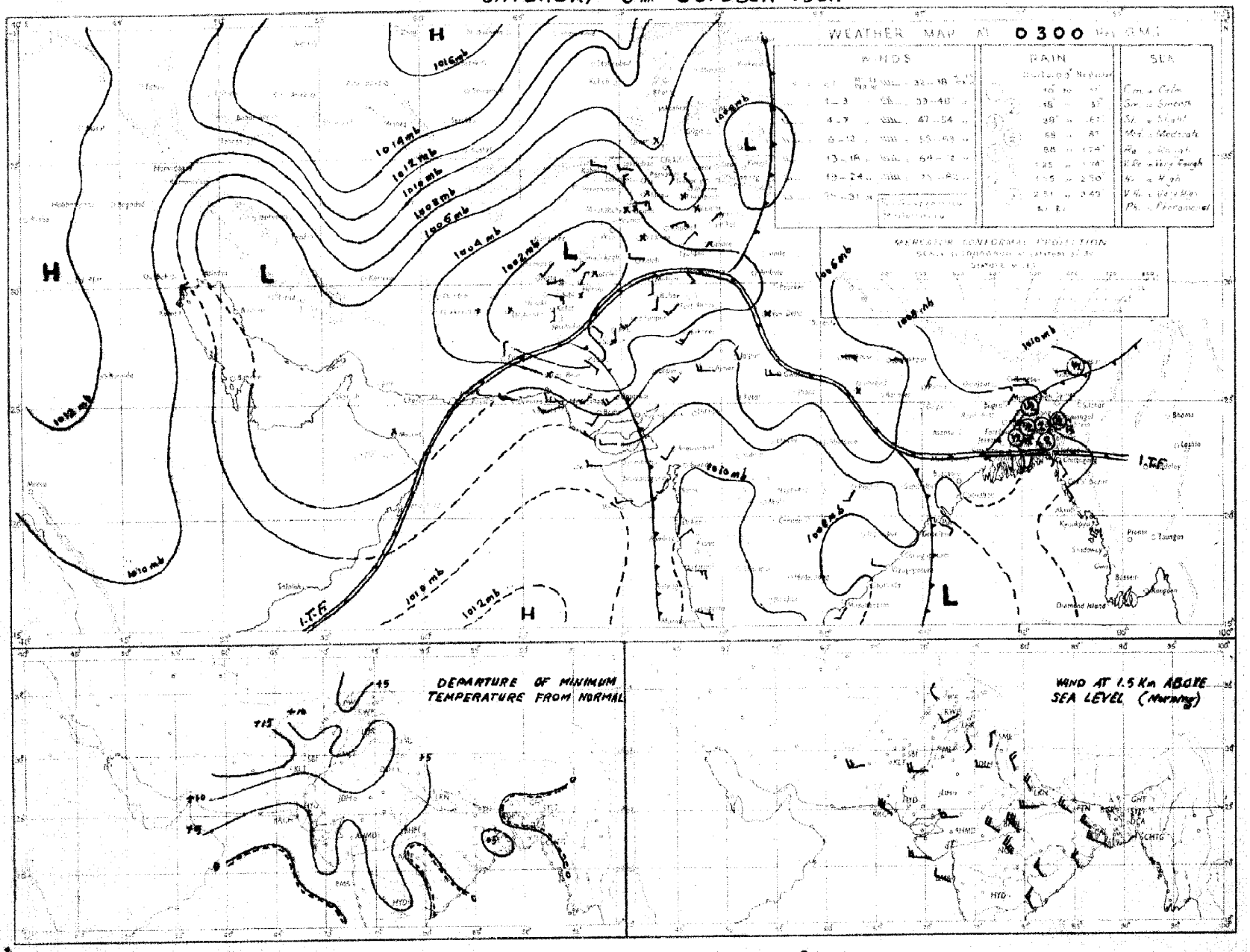
FRIDAY 5th: OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SATURDAY 6th. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1674

FOR SUNDAY, THE 7TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The trough of low persists in the Central Bay of Bengal.

Latest observations from East Pakistan are lacking. Scattered rain has occurred in the Eastern sub-division of East Pakistan. Comilla reported ½" of rain till yesterday evening.

Day temperatures were considerably above normal over Baluchistan outside Mekran coast and appreciably to markedly above normal elsewhere over West Pakistan. They were appreciably to markedly below normal in the Eastern districts of East Pakistan

Forecast valid until the evening of 8th :—Scattered thunderstorms/showers will occur in East Pakistan. Weather will be dry over West Pakistan.

Karachi-11.
The 7th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR.
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: $NRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_xT_x$	At 0300 Hrs. G. M. T. of date: $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_nT_n$	Departure from Normal: T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 77	2 00 00	96 01 1	073 88	1 1 6 3 0	- - × 91	000 77	0 00 00	97 00 1	115 86	0 0 9 0 0	- - 76	+ 4	+ 1	169.8	1.9	119.4	140
	Chittagong	000 78	2 23 09	97 01 1	071 82	2 0 7 7 0	- - 9 22	000 74	4 xx xx	97 02 1	108 86	2 0 7 9 9	0 9 9 77	- 4	+ 2	102.5	-23.0	182.2	108
	Noakhali	000 72	7 16 02	96 02 1	xxx 79	1 1 5 2 2	- × × 85							- 2					115
	Comilla	062 76	8 09 05	98 03 1	074 80	8 5 7	- - 80							- 9					94
	Brahmanbaria	000 68	6 00 00	96 03 1	078 80	6 4 5 0 0	- - 80							—					72
	Dacca	xxx 76	4 00 00	97 01 6	064 80	1 1 6 2 1	9 × × 85	xxx 77	4 00 00	98 03 0	104 85	4 8 5 0 0	- - - 75	—	—	—	—	—	—
	Narayanganj	000 74	3 07 03	97 01 1	056 80	0 0 9 9 9	9 × - 84							- 5					74
	Mymensingh	000 79	0 09 02	99 00 2	077 83	0 0 9 0 0	- 85	000 79	8 09 02	98 02 2	114 82	8 4 7 - -	- - - 76	—	—	47.2	-17.4	56.5	81
	Srimangal	015 77	7 00 00	95 02 6	070 77	4 8 6 3 6	7 - 6 79							—					98
	Khulna	000 78	7 16 02	96 03 2	063 87	7 8 7 0 0	- - - 94	000 79	6 00 00	97 01 0	116 85	6 5 7 0 0	- - - 77	+ 6	+ 2	42.0	- 7.9	50.8	66
	Satkhira	000 81	8 22 02	97 03 1	063 84	7 4 6 6 0	- - × 94	000 78	4 12 02	97 03 1	103 83	4 5 6 0 -	- - - 78	+ 5	+ 3	32.6	- 4.8	40.8	65
	Jessore	000 64	5 19 02	96 02 3	059 83	5 8 6 0 0	- - 99							—					60
	Faridpur	000 78	6 11 05	95 02 1	054 82	2 4 6 1 0	6 - × 82							- 6					71
	Barisal	000 77	8 15 08	97 02 1	064 82	3 7 5 2 8	- × × 90	000 79	6 13 02	98 02 1	107 85	6 4 6 0 0	- - - 79	+ 1	+ 2	58.4	- 1.5	67.1	81
	Pabna																		60
	Rampur Boalia																		56
	Sirajganj	000 78	7 09 0-	97 01 1	050 82	1 1 7 0 0	- - - 89							+ 1					64
	Bogra	000 78	3 09 02	96 01 1	062 88	3 2 7 0 0	- - - 88	006 76	3 11 02	96 01 1	109 82	3 2 6 0 9	- - - 76	- 1	+ 1	33.8	-17.5	40.6	69
	Dinajpur	000 78	0 30 05	96 00 0	075 85	0 0 9 0 0	- - - 89							0					72
	Rangpur	000 xx	1 09 02	93 02 1	—	1 1 8 0 0	- - - xx	000 xx	6 09 02	96 02 1	—	5 8 × 0 -	- - - —	—	—	68.8	+ 4.7	77.6	86
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Mingar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 61	0 13 02	96 00 0	020 99	0 0 9 0 0	- - - 03	000 61	0 16 02	98 00 0	071 97	0 0 9 0 0	- - - 68	+ 3	+ 3	6.9	- 3.3	10.2	22
	Lahore	000 74	0 09 00	96 00 0	031 96	0 0 9 0 0	- - - 05	000 66	0 13 02	96 00 0	085 81	0 0 9 0 0	- - - 71	+10	+ 8	10.6	- 3.9	14.7	19
	Sialkot	000 65	2 31 04	97 02 1	030 95	1 0 8 6 1	- - - 05	000 65	0 13 02	97 00 0	097 84	0 0 9 0 0	- - - 77	+11	+11	13.8	- 9.8	18.7	32
	Jhelum	000 64	0 00 00	97 00 0	029 95	0 0 9 0 0	- - - 01	000 64	0 00 00	95 05 0	093 81	0 0 9 0 0	- - - 71	—	—	16.5	—	25.8	—
	Rawalpindi	000 62	0 00 00	98 00 0	031 92	0 0 9 0 0	- - - 09	000 58	0 00 00	97 00 0	102 79	0 0 9 0 0	- - - 69	+ 8	+ 9	14.9	- 8.8	26.7	36
	Murree †	000 47	0 27 03	97 00 0	978 71	0 0 9 6 0	- - - 76	000 42	0 27 07	97 00 0	995 66	0 0 9 0 0	- - - 59	+ 8	+ 6	21.0	14.3	43.5	60
	Attock	xxx xx	0 34 05	97 00 0	—	0 0 9 0 0	- - - —	xxx xx	0 13 02	98 00 0	—	0 0 9 0 0	- - - xx			—			
	Khushab	000 71	0 11 05	98 00 0	026 99	0 0 9 0 0	- - - 02	000 68	0 07 05	98 00 0	084 83	0 0 9 0 0	- - - 72	+ 5	+ 5	8.0	- 7.3	8.0	15
	Montgomery	000 65	0 00 00	97 00 0	017 00	0 0 9 0 0	- - - 02	000 56	0 00 00	96 00 0	075 88	0 0 9 0 0	- - - 77	+ 4	+ 10	2.5	- 5.0	6.1	10
	Leiah	000 98	0 13 08	97 00 0	016 04	0 0 9 0 0	- - 05	000 72	2 31 02	97 01 0	064 80	0 9 9 3 6	- - 72	—	—	0.9	—	6.6	8
	Multan	000 65	0 18 02	97 00 0	021 98	0 0 9 0 0	- - - 00	000 70	2 00 00	96 01 3	073 80	0 0 9 7 0	- - × 79	+ 5	+12	3.8	- 1.1	6.0	7
	Khanpur	000 77	0 31 08	95 05 0	008 01	0 0 9 0 0	- - - 05	000 71	3 18 09	95 05 1	087 81	0 0 9 0 0	3 9 × 78	+ 7	+ 11	0.3	4.5	1.9	6
	Bahawalpur	000 72	3 00 00	97 00 0	016 99	0 0 9 0 0	- - - 02	000 74	0 20 03	97 00 0	xx xx	0 0 9 0 0	- × 76	+ 5	+11				6
	Fort Abbas	000 90	0 00 00	96 00 0	016 00	0 0 9 0 0	0 × × 02	000 70	0 23 03	96 00 0	086 85	0 0 9 0 0	- - - 66			2.8	—	3.1	5
N. W. F. P.	Drosh *	000 42	3 25 02	99 02 1	924 87	2 2 8 0 0	3 × × 90	000 42	0 00 00	99 00 0	979 69	0 0 9 0 0	- - - 64	+ 10	+ 8	1.8	—	22.0	18
	Chakdara	000 56	0 23 02	99 00 0	018 91	0 0 9 0 0	- - 99	000 52	0 00 00	98 00 0	109 71	0 0 9 0 0	- - - 61		—	6.5	—	18.8	—
	Cherat *	000 55	0 18 04	97 00 0	957 66	0 0 9 0 0	- - - 90	000 53	0 23 04	97 00 0	999 75	0 0 9 0 0	- - - 70	+ 9	+ 9	6.0	- 6.2	28.0	29
	Peshawar	000 58	3 34 02	96 03 1	030 89	0 0 9 8 0	- - - 96	000 54	0 20 02	96 00 0	092 77	0 0 9 0 0	- - - 65	+ 5	+ 2	1.8	- 2.7	9.1	14
	Parachinar	000 33	3 18 02	98 02 1	964 73	2 1 6 3 8	4 × 5 64	000 41	0 00 00	99 00 1	996 78	0 0 9 0 0	9 × × 59	+ 8	+ 8	10.1		27.6	29
	Miranshah	000 67	3 07 07	99 01 0	939 93	3 0 7 5 4	- - - 94	000 45	0 00 00	99 00 0	981 78	0 0 9 0 0	- - - 67	—	—	3.6	- 1.2	10.5	18
	Bannu	000 51	0 18 02	99 00 0	030 96	0 0 9 0 0	- - - 98	000 29	0 00 00	99 00 0	068 79	0 0 9 0 0	- - - 72	—	—	0.9		5.8	11
	D. I. Khan	000 96	0 00 00	97 00 0	015 02	0 0 9 0 0	- - - 03	000 73	0 05 02	96 00 0	072 80	0 0 9 0 0	- - - 75	+ 7	+10	1.1	- 4.4	2.3	9
	Wana																		11
	Landikotal	000 60	2 05 3	99 02 1	932 86	2 0 × 7 0	- - - 91	000 53	0 00 00	95 00 1	984 72	0 0 9 0 0	- - - 62	—	—	2.4	—	12.0	—
	Hangu	xxx x·	0 00 00	97 00 0	—	0 0 9 0 0	- - —	xxx xx	0 00 00	99 00 0	—	0 0 9 0 0	- - - —	—	—		—	—	—
	Thal																		—
BALUCHISTAN	Fort Sandeman	000 36	4 09 00	97 02 1	928 01	0 0 9 4 2	5 × × 93	000 42	2 00 00	94 01 1	985 71	0 0 9 4 0	9 × × 66	+ 8	+ 6	4.1	- 0.9	10.0	11
	Hindubagh	000 38	2 13 05	97 02 1	949 85	2 1 8 0 0	7 × × 00	000 27	1 00 00	97 03 0	992 65	0 0 9 0 4	3 9 × 56	—	—	0.2	—	8.5	—
	Loralai	000 30	4 13 05	96 03 1	922 87	4 5 5 0 0	- - 94	000 52	0 00 09	96 00 2	932 60	0 0 9 0 0	- 61	—	—	1.7	—	8.1	—
	Harnai (a)	000 xx	0 27 03	97 00 0	—	0 0 9 0 0	- - - —	000 xx	0 09 03	96 00 0	—	0 0 9 0 0	- - - xx			2.0	- 5.5	10.6	14
	Sibi	000 49	0 23 05	98 00 0	068 02	0 0 9 0 0	- - - 09	000 64	5 05 05	98 02 1	066 85	5 4 7 0 0	- 73	—	—	2.2	—	3.6	5
	Quetta †	000 49	5 02 03	98 02 1	955 82	0 0 9 4 0	8 × 0 88	000 49	3 29 02	98 01 1	980 64	0 0 9 3 0	9 × 9 54			0.8	- 0.2	9.8	9
	Chaman	000 75	0 27 02	97 00 0	932 92	0 0 9 0 0	- 95	000 43	0 00 00	97 00 0	989 75	0 0 9 0 0	65	+14	+12	0	0.2	9.6	8
	Nushki	000 57	1 29 10	97 01 1	076 98	0 0 9 8 1	6 0 9 01	000 58	5 09 01	96 03 1	035 85	0 0 9 4 0	1 0 1 77			0	—	5.5	—
	Dalbandin *	000 48	0 23 05	96 00 0	936 98	0 0 9 0 0	- - 01	000 46	0 00 00	98 00 0	976 73	0 0 9 0 0	88	+11	+ 17	0	0.8	1.8	4
	Nokkundi	000 71	0 20 02	99 00 0	977 02	0 0 9 0 0	- - - 05	000 46	0 00 00	99 00 0	066 80	0 0 9 0 0	- - - 75	—	—	0	—	0.9	3
	Kalat *	000 57	5 81 05	98 08 1	967 00	0 0 9 0 4	7 4 0 87	000 46	0 18 05	98 00 0	008 60	0 0 9 0 0	- - - 55	+10	+ 13	0.8	0 4	4.7	7
	Turbat	000 72	0 24 03	97 00 2	035 01	0 0 9 0 0	- - 05	000 76	0 15 02	96 02 2	124 80	8 9 7	- - - 78	—	—	0		1.4	—
	Panjgur *	000 35	0 23 07	97 00 0	948 94	0 0 9 0 0	- - - 97							+10					5
	Las Bela	000 69	0 23 08	97 00 0	019 97	0 0 9 0 0	- - - 03							—					8
	Ormara	000 70	0 27 09	96 0· 0	048 84	0 0 9 0 0	- - - 86	000 75	0 27 05	96 00 0	104 81	0 0 9 0 0	- - - 79		—	0.8	0 5	3 0	6
	Pasni	000 75	4 23 09	98 00 0	055 75	0 0 9 0 0	- - - 89	000 70	0 27 03	96 00 0	102 79	0 0 9 0 0	- - - 75	2	+ 6	9.8	0 1	5.0	6
	Jiwani																		4
SIND	Rohri	000 77	0 18 03	98 00 0	005 06	0 0 9 0 0	- - - 09	000 75	0 18 03	98 00 0	078 78	0 0 9 0 0	- - - 78	—		1.7	—	2.2	—
	Jacobabad	000 69	1 32 05	98 01 1	007 02	1 1 7 0 0	- - - 03	000 72	0 09 03	96 00 0	970 79	0 0 9 0 0	- - - 78	+ 3	+10	0.2	2.0	0.7	4
	Sukkur	000 73	0 00 00	96 00 0	005 02	0 0 9 0 0	- - - 07	000 72	0 xx xx	96 08 0	087 79	0 0 9 0 0	- - - 76			0.5	—	1.6	4
	Pad Idan	000 55	0 16 02	98 00 1	007 07	0 0 9 0 0	- - - 10	000 70	0 13 03	98 00 0	087 78	0 0 9 0 0	- - - 74	—	—	0.5	—	0.9	
	Karachi (Manora)	000 76	0 25 09	98 00 0	055 82	0 0 9 0 0	- - - 87	000 76	3 25 09	97 01 1	101 80	3 6 4 0 0	- - × 78	3	+ 5	1 5	- 4 5	1 6	3
	Karachi (A. P.)	000 78	1 25 17	97 03 1	036 84	1 8 4 0 0	- - - 90	000 74	5 27 07	96 01 2	104 81	5 6 4 0 0	- - - 79		—	2.9		3.0	
	Badin	000 70	0 23 07	97 00 0	048 92	0 0 9 0 0	- - - 91	000 73	0 23 07	97 00 0	101 80	0 0 9 0 0	- - - 71	—	—	7.0	- 0.2	7.6	9
	Nagarparkar																		
	Chhor (Umarkot)	000 75	0 23 12	98 05 0	028 96	0 0 9 0 0	- - - 01	000 74	0 23 12	97 00 0	084 80	0 0 9 0 0	- - - 75	—	—	2.3	—	2.3	—
	Hyderabad	000 71	0 28 09	97 00 0	032 97	0 0 9 0 0	- - - 03	000 73	0 22 05	97 00 0	078 80	0 0 9 0 0	- - - 77	+ 3	+ 4	1.5	- 4.3	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 34	2 07 02	98 01 0	978 89	0 0 9 4 9	- × × 98	xxx xx	0 07 02	98 01 0	976 89	0 0 9 0 0	- - - 53	—	—	0.7	—	10.3	13
	Jalalabad	000 62	3 00 00	97 01 0	989 93	0 0 9 4 0	3 × 9 95	000 60	0 00 00	96 00 1	995 73	0 0 9 0 0	9 × × xx	—	—	0.5	—	6.9	—
	Kandahar	000 74	0 00 00	98 00 0	911 84	6 0 9 0 0	- - - 98							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 7TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_SD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_SD_MT_xT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charba	-	-	-				...						-	-	-	-	-	4
	Jask	-	-	-										-	-	-	-	-	4
	Masnee	-	-	-										-	-	-	-	-	10
	Bushire		...	-										-	-	-	-	-	11
Arabia	Muscat	000 31	0 09 02	97 00 0	037 88	0 0 9 0 0	- - - 00	000 75	0 31 02	97 00 0	077 81	0 0 9 0 0	- - - xx	- 1	—	0	—	3.3	4
	Sharjah	—												-	-				4
	Kuwait	000 xx	0 36 12	97 00 0	030 91	0 0 9 0 0	- - - 98	000 xx	0 31 02	97 00 0	098 81	0 0 9 0 0	- - - 70	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Canton	73 170	650 00	2 24 13	99 02 0	092 80	21 5 00	2 8 300	—	0 52 73	1 24 23
Islami	73 181	693 06	2 20 06	99 01 0	116 86	21 6 00	6 4 300	—	0 01 62	1 29 21
Jalakrishna	73 114	756 03	3 26 06	97 00 0	122 82	32 6 x9	-	—	—	—
Rizwani	73 183	694 04	1 29 05	98 02 0	xxx 84	—	—	—	—	—
Shwedagon	73 246	642 06	7 23 09	97 01 2	094 xx	74 7 00	—	—	—	—
Shwedagon	73 246	662 12	0 22 13	98 02 0	077 xx	00 9 00	—	—	—	—
Cantos	73 180	683 12	3 27 13	99 09 0	099 85	31 5 00	2 8 300	—	0 51 75	1 25 22
Islami	73 178	628 12	9 30 31	00 88 5	016 00	64 3 00	—	—	0 02 78	1 28 22
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			PiPihihihi		T1T1Td1Td1Tx1 etc.				5555	hrh1P1P1P1		T1T1Td1Td1Tx1 etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	004 27	228 00	090 18	272 34	854 29	275 08	700 39	146 11	509 91	539 94	302 10	779 00	658 55	319 35	241 36	329 00	270 55	888 81	290 18	668 00	245 08	466 00	679 91	775 31

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ††										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ††						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ††							
	1	2	3	4	5	10	15	20	25	30	1	2	3	4	5	10	1	2	3	4	5	10	15	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	12	13	14	15	16	17	18	19
Sorfa	11 09	11 00	—								10 08	13 05	09 02	27 04	23 10	—	08 04	—	—			—		
Jhar	25 20	25 22	23 26	27 23	27 22	25 10	10 10	26 13	27 18	—			—	—			23 21	24 21	25 27	25 27	26 27		—	—
Chittagong	21 06	22 08	21 05	23 04	18 04	27 06	13 05	14 03	16 10	19 12	17 07	17 06	18 05	18 06	26 02	—	13 08	17 02	18 02	20 04	17 04	13 11	18 03	—
Dot's Bazar	18 14	16 08	19 04	19 05	29 05	33 10	—		—	—														
Dacca	11 05	14 04	22 08				—				23 03	23 02	20 03	21 05	21 03	23 17	15 03	16 02	27 04	33 03	33 02	30 03	20 09	20 15
Dalbandin	—	—	26 07	24 10	21 12	18 13	14 09	24 13	28 27	27 27		—	37 15	24 19	24 09	24 15	—		26 01	21 10	19 09	17 13	—	
Drosh		—	—		23 08	20 09	20 16	19 09	—	—	—		—	29 01	32 05	26 06	—	—		—	22 05	36 17	36 12	33 10
Fort Sandeman	—			35 07	30 04	27 06	21 20	22 16	—	—	—	—	—	04 10	35 03	38 11	—		—	10 03	32 07	32 00	31 12	28 22
Jacobabad	16 05	11 04	03 03	09 04	15 04	16 05	22 04	26 15	25 25	28 47	16 19	16 07	20 09	23 11	24 06	19 05	12 06	13 01	19 03	26 02	18 06	21 06	09 12	—
Jiwani	20 02	15 03	18 03	28 03	31 07	30 07	22 12	26 05	—	—	25 05	13 02	20 02	29 07	32 08	31 19	05 03	16 03	17 06	25 06	31 06	33 09	33 19	34 17
Kharan	—	—											—	—	—	—	—	—	—	—	—	—	—	—
Karachi	27 22	26 18	30 20	30 18	20 19	16 11	23 08	22 08	21 17	27 22	27 16	28 22	—	—	—	—	27 14	—	—	—	—	—	—	—
Khanpur	20 08	20 07	25 03	26 08	25 07	26 07	26 10	29 20	—		07 07	17 08	19 12	21 09	25 04	29 05	20 10	03 03	22 22	25 05	28 10	25 04	05 03	03 10
Lahore	03 03	17 02	17 01	20 02	33 05	31 12	30 11	27 16	29 11	28 17	09 10	12 07	13 06	21 03	31 03	31 16	16 10	17 07	15 05	35 04	31 04	31 07	35 21	34 15
Multan	17 02	16 08	14 10	11 10	20 03	28 05	26 08	29 16	31 07	28 17	12 04	19 06	26 11	23 10	27 05	28 13	36 03	34 05	30 04	31 03	29 10	31 07	29 07	29 04
Peshawar	...	06 06	36 07	33 03	23 10	24 10	26 10	27 13	22 17	26 13	—	29 04	26 06	23 05	25 11	22 10	—	31 03	33 09	31 03	32 10	26 02	30 13	33 15
Quetta					31 03	—	—	—	—	—	-		—	—	36 06	30 09	—	—		—	33 03	32 04	18 07	36 05
Bushire						—					—	—	-		—						—	—		—
Khanjar																					—			

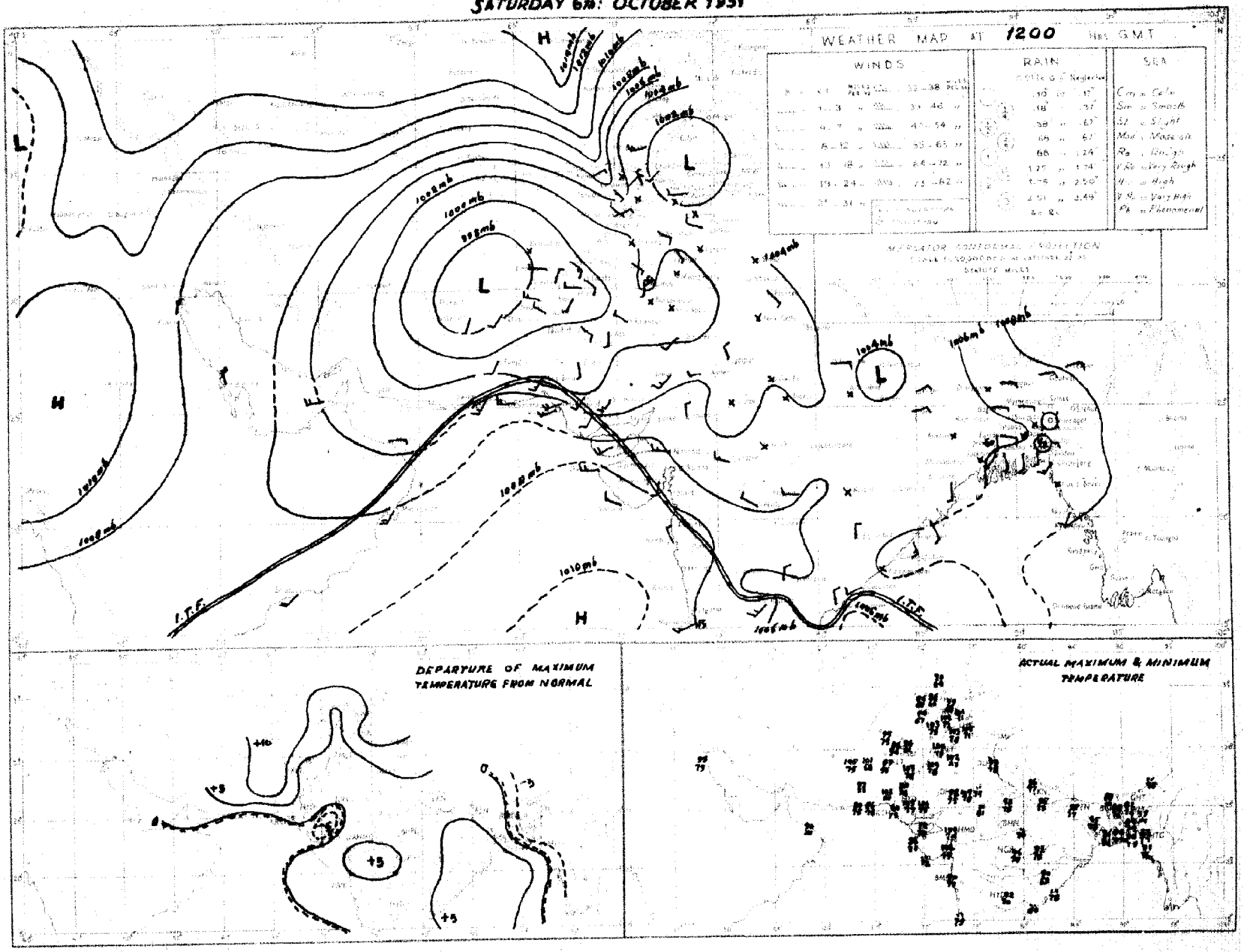
Cloud Observation Data (iiiGG Cddv, v_s)

* Wind directions are expressed in tens of degrees counting from North through East and speed in Knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.0, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

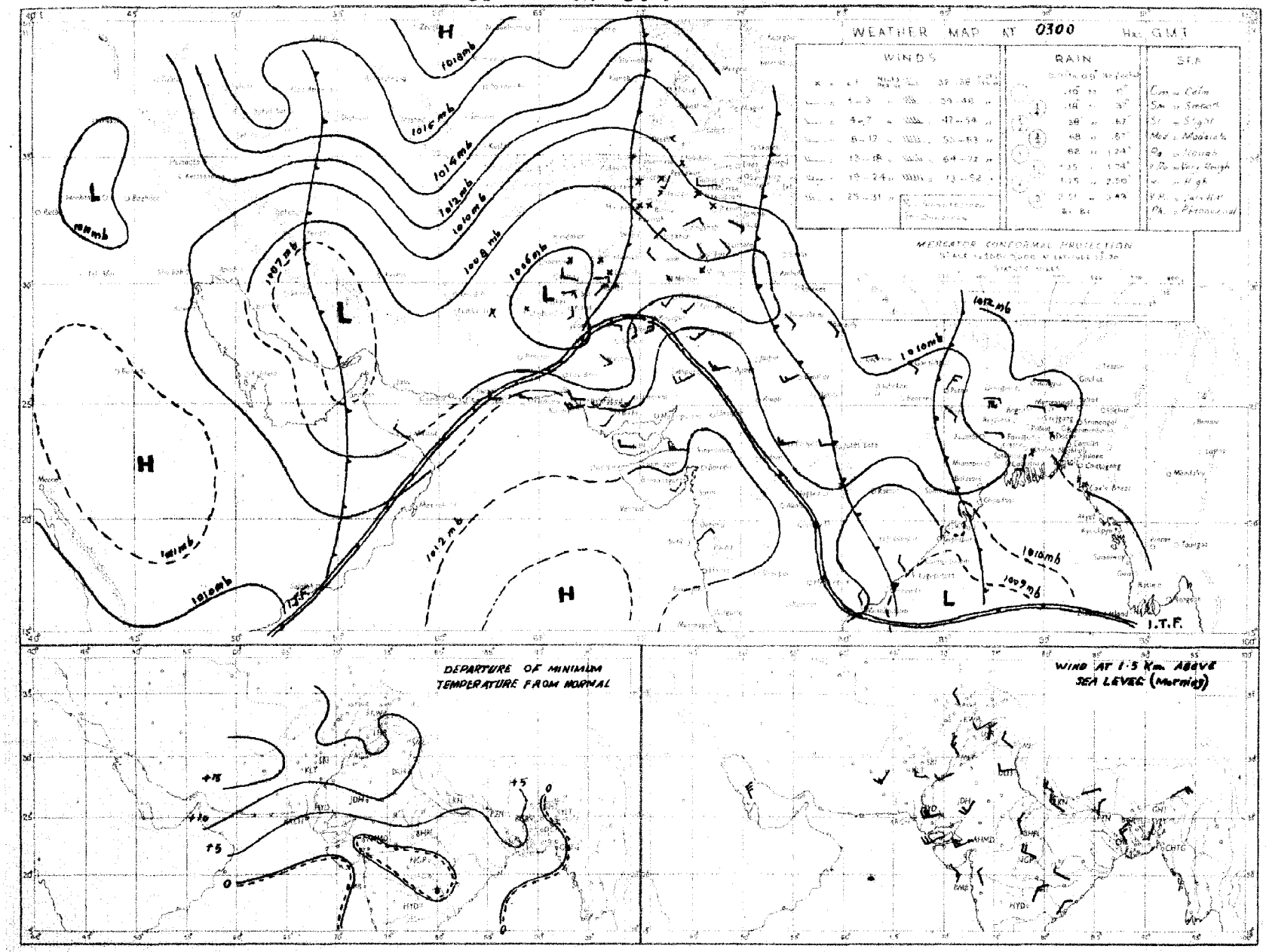
PAKISTAN DAILY WEATHER MAP

SATURDAY 6th: OCTOBER 1951



PAKISTAN DAILY WEATHER MAP

SUNDAY 7th OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1674

FOR MONDAY, THE 8TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The trough of low in the central Bay of Bengal has become marked and is likely to concentrate into a depression.

A western disturbance lies over the Pu. jab and the adjoining areas of the North-West Frontier Province and Baluchistan and is moving northeastwards.

Another western disturbance lies over central and south Iran.

A third western disturbance is affecting Iraq.

Weather remained dry over the country.

Day temperatures were markedly to considerably above normal in north Baluchistan and the plains of Punjab.

Forecast valid until the evening of 9th :—Thunderstorms/showers will be local in Kashmir, the North-West Frontier Province and the north Punjab and scattered in the southern districts of East Pakistan. Scattered dust/thunderstorms will also occur in north Baluchistan and upper Sind.

Karachi-11.
The 8th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T of previous day:						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDsDMTxTx	RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDsDMTnTn	TxTx	TnTn	Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 78	8 18 10	98 02 9	084 79	3 5 4 2 0	4 × 0 80							- 7					140
	Chittagong	000 88	2 25 05	97 02 1	081 88	2 0 7 7 0	0 × 9 89	000 77	5 07 02	97 02 1	096 87	2 1 8 0 0	0 × 0 78	+ 2	+ 3	102.5	+22.8	132.3	108
	Noakhali	000 76	4 18 03	95 02 0	xxx 86	2 3 4 - 3	- - - 89							+ 2					115
	Comilla	000 80	2 00 00	98 01 1	074 81	2 4 7 0 0	- - - 66	000 76	2 00 09	98 01 1	109 85	0 0 9 0 2	- × - 78	- 3	+ 3	116 9	+51 6	124.3	94
	Brahmanbaria	000 77	2 09 00	97 02 1	073 86	3 4 5 0 0	- - 91	000 79	4 00 00	97 03 1	101 87	3 5 5 0 0	- - 78	—	—	55 4	+ 5.3	66.3	78
	Dacca	000 79	3 00 00	97 01 2	063 85	2 2 6 0 1	8 × × 80	000 79	4 00 00	97 03 4	097 84	4 2 5 0 0	4 × × 75	—	—	—		—	—
	Narayanganj	000 72	2 09 02	97 01 1	070 87	2 0 7 7 0	9 - × 91	xxx 78	6 00 00	97 03 1	093 88	6 2 5 0 0	9 × × 79	+ 2	+ 2	65.7	+15.8	84.6	74
	Mymensingh	000 78	0 00 00	99 00 2	076 84	0 0 9 0 0	- - - 87	000 80	0 00 00	99 00 0	089 84	0 0 9 0 0	- 76	—	0	47.4	-17 6	55.5	91
	Srimangal	015 79	1 00 00	95 01 1	074 83	1 2 8 0 8	- - - 87	000 78	3 27 02	97 02 1	099 84	1 2 8 3 1	0 × 6 72	- 3	0	72.8	+11 6	99 7	98
	Khulna	000 76	4 16 02	97 01 1	074 84	4 8 8 0 0	- - - 91	000 75	1 00 00	97 01 0	103 87	0 0 9 0 1	- × - 77	- 4	+ 2	42.0	- 8.0	50.8	66
	Satkhira	000 83	8 12 02	97 03 1	064 84	6 9 7 6 0	- - × 98	000 77	5 18 02	97 03 1	096 84	4 4 7 6 0	- - - 77	+ 4	+ 2	32 6	- 14 9	40 6	55
	Jessore	000 79	6 00 00	96 02 3	070 85	6 8 8 0 0	- - - 94	000 78	0 13 03	97 00 0	098 86	0 0 9 0 0	- - - 75	—		32.4	12.6	39.5	60
	Faridpur	000 79	5 00 00	97 03 1	071 86	2 5 8 1 0	9 - × 86	000 79	4 07 02	98 03 1	100 80	2 5 7 1 0	- - × 77	- 3	0	47.2	1 2	53.8	71
	Barisal	000 79	5 16 02	97 01 1	070 85	2 2 6 2 8	- × × 91	000 78	2 31 02	98 01 1	096 86	2 4 7 0 0	- - - 78	+ 3	+ 1	56.4	- 1.7	67.1	81
	Pabna																		60
	Rampur Boalia																		58
	Sirajganj	000 77	1 00 00	98 02 1	060 86	1 1 6 0 0	- - - 89	040 79	2 00 00	98 03 1	100 83	2 1 6 0 0	- - - 77		+ 1	49.8	+ 3.6	59.9	64
	Bogra	000 76	2 00 00	96 01 1	073 84	1 1 8 0 1	- - - 89	006 79	6 05 02	94 01 4	103 82	6 4 5 0 0	4 - - 77	0	+ 2	38.8	17.7	40.6	69
	Dinajpur	000 77	0 00 00	96 00 0	090 84	0 0 0 0 0	- - - 90	000 78	0 00 00	97 00 0	113 87	0 0 9 0 0	- - - 76	+ 1	+ 1	42.4	- 15.1	46.7	72
	Rangpur	000 xx	2 00 00	97 02 1	—	2 1 8 0 0	- - - xx	000 xx	5 11 02	98 00 1	—	0 0 9 0 0	- - - xx	—	—	68 3	+ 4.5	77.6	86
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 61	0 16 02	96 00 0	041 89	0 0 9 0 0	- - - 03	000 63	0 20 02	96 00 0	071 82	0 0 9 0 0	- - - 78	+ 3	+12	5.9	- 3.3	10.2	12
	Lahore	000 73	0 00 00	96 00 0	052 96	0 0 9 0 0	- - - 04	000 68	0 16 03	96 00 0	051 85	0 0 9 0 0	- - - 75	+ 9	+10	10.6	- 3.9	14.7	18
	Sialkot	000 63	2 00 00	97 03 2	046 98	2 4 6 0 0	- - - 01	000 67	1 09 04	97 02 1	094 84	0 0 9 0 4	- × - 79	+ 7	+13	13.8	- 0.8	18.7	32
	Jhelum	000 66	0 18 02	96 00 0	042 98	0 0 9 0 0	- - - 00	000 64	0 00 00	96 05 0	087 81	0 0 9 0 0	- - - 71	—	—	16.5	—	26.8	—
	Rawalpindi	000 61	2 00 00	98 01 1	054 91	0 0 9 2 0	- - - 99	000 58	0 00 00	99 00 1	084 78	0 0 9 0 0	- - - 68	+ 8	+ 8	14.9	- 8.8	26.7	26
	Murree †	000 45	0 29 02	97 00 0	951 71	0 0 9 C 0	- - - 75	000 45	0 27 03	96 00 0	996 66	0 0 9 0 0	- - - 58	+ 7	+ 6	21.9	14.4	48.6	60
	Attock	xxx xx	2 00 00	97 01 0	—	2 × 7 0 0	- - - —	xxx xx	0 00 00	98 00 0	—	0 0 9 0 0	- - - xx			—		—	—
	Khushab	000 74	0 23 06	98 00 0	048 01	0 0 9 0 0	- - - 03	000 63	0 07 06	98 00 0	079 82	0 0 9 0 0	- - - 76	+ 8	+ 9	3.0	- 7.2	8.0	16
	Montgomery	000 68	0 00 00	96 00 0	042 02	0 0 9 0 0	- - - 04	000 71	0 00 00	96 00 0	092 81	0 0 9 0 0	- - - 78	+ 5	+ 11	2.5	- 5.0	6.1	10
	Leiah							000 73	2 00 09	97 02 0	065 80	0 3 9 6 3	- × - 73			0.9	—	6.6	5
	Multan	000 63	0 18 02	97 00 1	037 01	0 0 9 0 0	- - - 05	000 61	0 16 02	96 00 3	077 82	0 0 9 0 0	- - - 77	+ 8	+ 10	3.8	- 1.1	8 0	7
	Khanpur	000 72	0 27 03	95 05 0	056 01	0 0 9 0 0	- - - 02	000 79	0 23 05	95 05 0	081 79	0 0 9 0 0	- - - 76	+ 4	+ 8	0.3	4.5	1.9	4
	Bahawalpur	000 79	0 00 00	97 00 1	046 00	0 0 9 0 0	- - - 01	000 73	0 20 08	97 00 1	076 81	0 0 9 0 0	- - - 70	+ 4	+11	1.0	- 2.3	5.0	4
	Fort Abbas	000 60	0 28 03	96 00 0	036 00	0 0 9 0 0	0 × × 03	000 77	0 23 02	96 00 0	073 87	0 0 9 0 0	- - - 69	—	—	2.8	—	3.7	8
N. W. F. P.	Drosh *	000 44	1 25 12	99 01 1	944 87	1 1 8 0 0	8 × × 91	000 43	0 00 00	99 00 0	006 68	0 0 9 0 0	- - - 87	+ 11	+11	1.8	—	22.0	18
	Chakdara	000 59	0 18 02	99 00 0	017 89	0 0 9 0 0	- - 97	000 55	0 00 00	98 00 0	096 73	0 0 9 0 0	- - - 64		—	6.5	—	18.8	—
	Cherat *	000 52	8 17 05	97 03 1	973 84	0 0 9 3 1	2 0 6 90	000 49	0 13 04	97 00 0	994 74	0 0 9 0 0	- - - 71	+ 9	+ 10	6.0	- 6 2	23.0	29
	Peshawar	000 66	4 00 00	96 02 1	048 89	3 9 7 0 3	- 96	000 57	0 00 00	96 00 0	089 78	0 0 9 0 0	- - - 68	+ 5	+ 5	1.8	- 2.7	9.1	14
	Parachinar	000 41	4 18 02	98 01 1	953 79	1 1 8 3 8	4 9 9 93	000 46	0 26 02	99 00 1	087 69	0 0 9 0 0	- - - 58	+ 7	+ 7	10.1	—	27.6	29
	Miranshah	000 55	4 07 03	98 01 1	965 92	4 0 8 4 3	- - - 94	000 47	0 00 00	99 00 0	982 78	0 0 9 0 0	- - - 70	—	—	3.4	1.2	10.5	12
	Bannu	000 68	4 13 02	99 03 0	054 93	0 0 9 3 0	- - - 01	000 62	3 00 00	99 02 1	076 74	0 0 9 8 0	- - × 72	—	—	0.9		5.8	11
	D. I. Khan	000 68	2 05 02	96 02 0	044 00	0 0 9 0 5	- - - 01	000 63	0 05 02	96 00 0	082 76	0 0 9 0 0	- - - 66	+ 5	0	1.1	4.4	2.3	9
	Wana																		11
	Landikotal	000 62	5 18 02	98 03 1	951 88	5 0 × 7 0	- - - 90	000 56	0 05 02	93 00 1	077 72	0 0 9 0 0	- - - 63	—	—	2.6	—	12.0	—
	Hangu	xxx xx	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	xxx xx	0 00 00	99 00 0	—	0 0 9 0 0	- - - xx	—	—		—	—	—
	Thal	xxx xx	0 27 09	99 00 0	—	0 0 9 0 0	- - - —	xxx xx	0 09 08	99 00 0	—	0 0 9 8 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 41	6 00 00	98 02 1	078 90	1 7 7 4 3	7 × × 95	000 45	1 00 00	97 01 5	953 72	0 0 8 4 0	- - × 65	+10	+ 8	4.1	- 0.9	10 0	11
	Hindubagh	000 46	4 09 05	97 01 5	946 80	4 9 7 0 0	7 × × 80	000 44	1 18 05	97 03 1	994 69	1 5 8 0 0	- - - 56	—	—	0.2	—	8.6	—
	Loralai	000 42	6 31 00	96 03 1	960 84	6 7 5 0 0	- 91	000 50	0 00 09	98 00 1	954 66	0 0 9 0 0	- - - 60	—	—	1.7	—	3.1	—
	Harnai (a)	000 xx	6 23 09	94 03 2	—	3 0 8 3 5	× × 3 —	000 xx	0 27 02	96 00 0	—	0 0 9 0 0	- - - xx		—	2.0	- 5.5	10.6	14
	Sibi	000 61	6 28 05	98 02 1	037 91	0 0 9 3 0	8 × 6 04	000 58	2 00 00	98 01 1	060 52	0 0 9 3 0	- - × 69	—	—	2.2	—	3.6	5
	Quetta †	000 45	6 11 10	98 03 2	975 82	0 0 9 4 0	8 × 8 91	000 56	3 25 02	97 10 2	994 66	0 0 9 3 0	9 - × 55		—	0.3	- 0.2	9.3	9
	Chaman	000 46	0 23 03	97 00 0	956 91	0 0 9 0 0	- 92	000 50	0 13 08	97 00 0	996 76	0 0 9 0 0	- - - 71	+12	+18	0	0.2	9.6	8
	Nushki	000 52	1 21 03	97 01 1	019 99	0 0 9 4 0	9 0 9 99	000 40	0 15 39	96 00 0	046 67	0 0 9 0 0	- - - 74		—	0	—	5.5	—
	Dalbandin *	000 62	2 13 03	97 03 1	959 98	2 1 7 0 0	- - 01	000 44	0 00 00	97 00 0	951 73	0 0 9 0 0	- - - 66	+11	+ 15	0	- 0.3	1.8	4
	Nokkundi	000 72	4 16 05	99 03 0	007 02	0 0 9 0 0	0 0 × 02	000 48	0 05 02	99 00 0	085 73	0 0 9 0 0	- - - 72	—	—	0	—	0.9	2
	Kalat †	000 55	5 18 05	98 03 3	991 77	6 0 9 5 0	6 0 4 88	000 46	0 18 05	98 00 0	012 60	0 0 9 0 0	- - - 58	+ 6	+ 11	0.8	0.4	4.7	7
	Turbat	000 71	0 24 08	97 00 0	092 99	0 0 9 0 0	- - - 01	000 74	0 00 00	95 00 0	133 77	0 0 9 0 0	2 0 0 75		—	0		1.4	—
	Panjgur *	000 59	0 23 09	97 00 0	987 92	0 0 9 0 0	- - - 97							+10					5
	Las Bela	000 71	0 16 06	99 00 0	079 92	0 0 9 0 0	- - - 01	061 72	0 00 00	99 00 0	125 79	0 0 9 0 0	- - - 71	—	—	1 6	—	1.7	8
	Ormara	000 73	0 27 09	97 00 0	087 84	0 0 9 0 0	- - - 87	000 74	0 27 09	97 00 0	122 78	0 0 9 0 0	- - - 77	—	—	0.3	0.5	3 1	6
	Pasni	000 72	0 23 12	98 00 0	094 85	0 0 9 0 0	- - - 88	000 72	5 31 03	98 02 0	121 75	5 4 5 0 0	- - - 79	—	+ 1	0.6	0 1	6.0	6
	Jiwani																		4
SIND	Rohri	000 84	0 23 03	96 00 0	056 84	0 0 9 0 0	- - - 03	000 73	0 23 05	96 00 0	098 77	0 0 9 0 0	- - - 75	—		1.7	—	2.2	—
	Jacobabad	000 74	1 13 10	98 03 0	047 97	0 0 9 0 1	- - - 99	000 64	0 18 05	96 00 0	089 79	0 0 9 0 0	- - - 75	- 1	+ 7	0.2	2.0	0.7	4
	Sukkur	000 71	0 xx xx	96 00 0	045 01	0 0 9 0 0	- - - 08	000 70	0 xx xx	96 00 0	085 76	0 0 9 0 0	- - - 75	—	—	0.5	—	1.0	4
	Pad Idan	000 50	0 00 00	98 00 0	045 07	0 0 9 0 0	- - - 08	000 69	0 13 05	95 00 0	090 75	0 0 9 0 0	- - - 70	—	—	0.8	—	0.9	
	Karachi (Manora)	000 79	0 25 09	98 00 0	087 83	0 0 9 0 0	- - - 25	000 74	0 27 05	97 00 0	117 78	0 0 9 0 0	- - - 77	- 2	+ 2	1.5	- 4.5	1 8	8
	Karachi (A. P.)	000 70	0 27 21	97 00 1	022 87	0 0 9 0 0	- - - 90	000 72	1 27 07	98 01 1	120 79	1 5 4 0 0	- - - 77	—	—	2.9	—	2.6	
	Badin	000 70	0 28 08	97 00 0	081 92	0 0 9 0 0	- - - 98	000 72	0 22 05	97 00 0	118 78	0 0 9 0 0	- - - 76	- 2	+ 3	7.0	- 0.2	7.8	9
	Nagarparkar																		
	Chhor (Umarkot.)	000 76	0 23 07	97 00 0	088 99	0 0 9 0 0	- - - 01	000 74	0 23 09	97 00 0	087 77	0 0 9 0 0	- - - 72	—	—	2.3	—	2.3	—
	Hyderabad	000 65	0 22 05	97 00 0	064 99	0 0 9 0 0	- - - 04	000 72	0 22 05	96 00 0	106 79	0 0 9 0 0	- - - 76	+ 4	+ 3	1.8	- 4.3	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 41	6 00 00	98 02 1	018 81	2 7 8 2 0	- - - 25	000 35	3 29 03	98 01 1	022 60	0 0 0 0 1	- - - 55	—	—	0.7	—	10.8	13
	Jalalabad	000 76	2 05 02	97 03 0	002 01	0 0 9 2 0	- - - 97	000 62	1 27 02	96 01 1	008 69	0 0 0 0 1	- × - 66	—	—	0.5	—	0.3	—
	Kandahar	000 63	0 00 00	98 00 0	021 83	0 0 0 0 0	- - - 98	000 69	0 00 00	97 01 1	053 62	0 0 9 0 0	- × - 68	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 8TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st June 52 to date	Departure from normal	Since 1st Jan. 52 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar																		4
	Jask																		5
	Mashed																		19
	Bushire																		21
Arabia	Muscat	000 51	2 00 02	97 00 0	072 83	0 0 0 0 0	- - - 89	000 73	0 00 00	94 00 0	102 83	0 0 0 0 0	- - - xx	- 2	x	0	—	3.8	4
	Sharjah	000 xx	0 00 00	97 00 0	080 86	0 0 0 0 0	- - - 87	000 xx	0 00 00	97 00 0	092 87	0 0 0 0 0	- - - 75	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (2,350-2,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,599-6,713 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Circassia	13 131	469 06	1 18 05	99 02 1	088 87	11 5 89	—	—	—	—
Masimpur	13 207	672 09	1 25 04	98 03 0	132 83	11 6 09	—	—	—	—
Islami	13 170	644 06	5 18 06	99 01 0	135 82	21 6 90	8 4 810	—	0 01 74	1 34 21
Jehangir	13 160	635 06	6 14 07	98 01 8	151 83	67 6 20	2 3 320	8 4 820	0 04 71	1 21 38
Islami	13 167	633 12	6 18 06	99 18 2	108 82	63 5 00	6 4 800	...	0 01 72	1 22 82
Khosrou	13 239	679 12	0 28 09	98 00 0	106 83	00 9 08	2 3 800	...	0 07 76	× x8 23
Jalakrishna	13 148	749 04	3 02 06	97 09 2	156 84	32 5 08	—	—	—	—
Khosrou	13 237	672 08	5 28 12	98 03 1	171 83	51 6 00	3 3 105	—	0 03 76	1 28 85
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiGG	PoPoPoToTo	TdoTdoTxoXrXz	PrPzhrhzhr	TrTrTdrTdrTxr etc.	5555	hzhrPrPzPr	TrTrTdrTdrTxr etc.
1	2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26
Karachi	780 14	007 27 234 60	000 28 262 37	851 99 245 27	700 40 995 31	569 28 589 94	555 38 109 75	542 14 339 00	290 23 558 97	299 14 678 09	195 14 466 09	026 85 944 49	653 94 484 00

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ††										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ††						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ††							
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	1	2	3	4	5	6	7	8
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Peshawar	06 04	06 03	07 02	17 03	17 03	19 06	20 04	25 22	—	—	11 06	10 04	09 04	09 01	11 06	—	01 07	02 06	06 05	08 03	02 11	—	—	—
Dhaka	21 15	22 13	27 21	26 20	25 19	14 17	10 19	31 03	26 13	25 26	—	—	—	—	—	—	24 25	15 31	23 15	27 13	25 12	16 15	11 17	31 05
Chittagong	27 06	27 03	18 01	13 05	16 10	19 10	—	—	—	—	34 08	35 08	08 08	—	—	—	08 04	01 04	—	—	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	03 03	29 03	34 04	27 04	26 08	19 11	25 08	23 14	24 13	—	09 01	09 01	04 02	35 03	17 02	—	03 03	03 02	05 03	08 04	11 04	13 19	33 17	34 13
Balbandie	—	—	22 01	29 05	22 05	21 14	17 20	20 05	21 06	—	—	—	34 15	34 18	25 09	—	—	—	21 01	17 06	16 13	17 08	13 13	27 12
Drigh	—	—	—	—	08 03	33 05	26 06	—	—	—	—	—	—	23 02	07 03	03 04	—	—	—	—	33 01	24 01	02 03	33 10
Port Sandeman	—	—	—	29 03	32 02	33 05	37 12	23 14	29 16	27 10	—	—	—	17 03	22 11	33 12	—	—	—	16 05	31 09	33 10	32 26	29 10
Jacobabad	—	—	—	—	—	—	—	—	—	—	15 10	21 10	22 17	22 15	27 14	22 09	24 05	30 03	24 11	33 19	33 10	34 09	33 22	—
Shalkot	03 01	13 01	31 01	33 07	xx xx	33 15	31 15	33 05	—	—	11 02	19 36	23 04	17 02	23 02	35 04	08 04	13 03	14 07	33 01	31 05	34 09	33 15	31 36
Swabi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	27 17	27 19	30 07	29 11	25 11	24 14	16 11	34 19	26 17	30 32	27 14	—	—	—	—	—	27 20	27 16	27 18	35 09	23 05	17 35	05 04	30 31
Khanewal	13 01	15 04	17 06	16 06	27 13	28 09	35 08	35 02	30 20	27 22	—	—	—	—	—	—	33 27	24 19	27 23	27 13	29 08	33 20	33 15	08 10
Lahore	—	—	—	—	—	—	—	—	—	—	11 09	12 08	19 02	28 02	32 02	35 08	16 08	15 09	17 05	23 03	63 04	35 16	30 18	33 05
Multan	02 03	26 03	27 04	25 04	23 03	27 08	31 06	31 18	26 02	—	32 05	31 04	28 08	26 14	23 25	28 24	16 12	15 13	17 08	35 08	—	—	—	—
Peshawar	—	05 07	36 08	31 07	29 03	28 09	32 07	30 21	21 13	26 18	—	36 07	35 04	20 04	26 18	33 05	—	32 09	34 13	33 18	29 04	26 04	20 10	31 15
Quetta	—	—	—	—	34 10	19 03	19 18	19 05	—	—	—	—	—	—	32 09	—	—	—	—	—	31 04	33 09	35 41	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

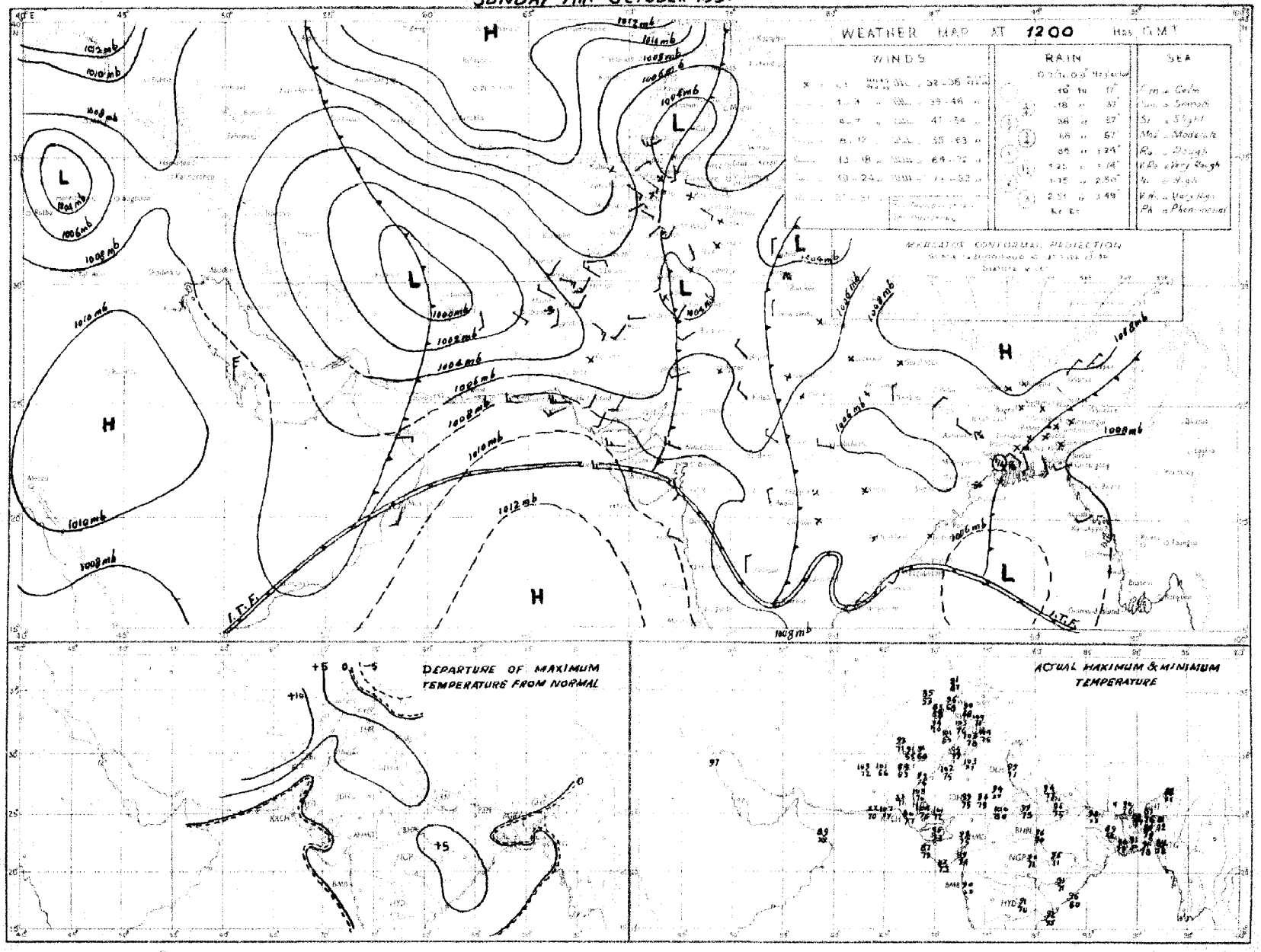
Cloud Observation Data (iiiGG Cddv, v_r)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.0, 2.1, 3.0 4.5 5.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

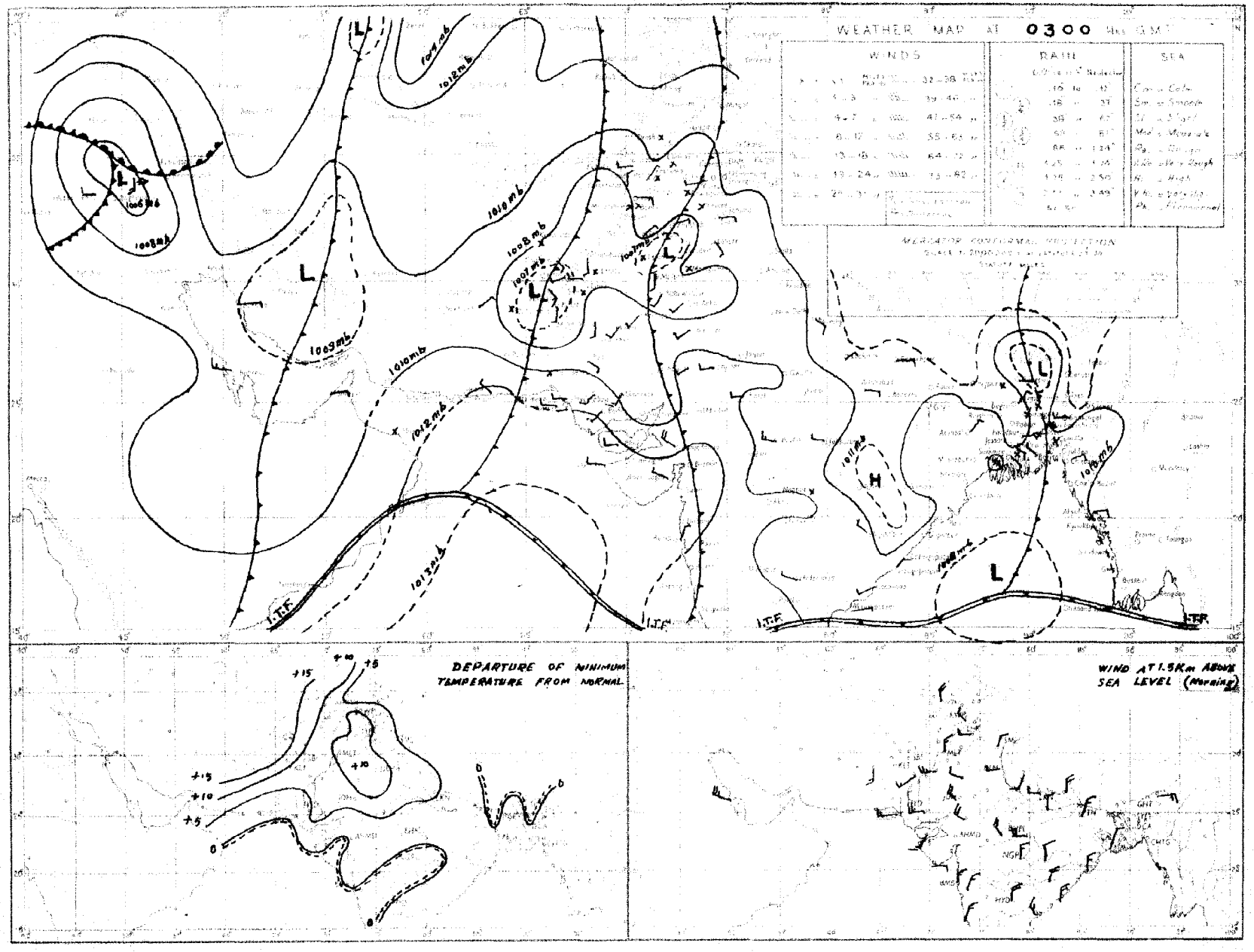
SUNDAY 7th: OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

MONDAY 8th. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1674

FOR TUESDAY, THE 9TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The marked trough of low in the central Bay of Bengal persists.

Yesterday's western disturbance over the North-West Frontier Province is moving away eastwards across Kashmir and the adjoining north Punjab. Its secondary lies over the south Punjab.

A trough of low extends from Baluchistan to south west Iran.

The western disturbance over central Iraq persists. It will move eastnortheastwards.

Local thunderstorms/showers have occurred in the North-West Frontier Province and the north Punjab. A few thunderstorms have occurred in the southern districts of East Pakistan. Scattered dust/thunderstorms have also been reported from Baluchistan.

Chief amounts of rainfall are :—Cherat ¾" and Jhelum, Murree and Parachinar ½" each.

Day temperatures were appreciably to markedly above normal in West Pakistan outside Sind-Mekran coast.

Forecast valid until the evening of 10th :—Local thunderstorms/showers will occur in Kashmir and the adjoining North-West Frontier Province and the north Punjab. Dustraising winds and scattered duststorms will also occur in the plains of Punjab and northeast Baluchistan.

Karachi-11.
The 9th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_tD_HD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_tD_HD_MT_nT_n$	T_xT_x	T_nT_n	Since 1st April 31 to date	Departure from normal	Since 1st Jan. 31 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29
EAST PAKISTAN	Cox's Bazar	000 79	5 00 00	96 02 9	055 85	3 3 6 2 0	5 × 0 80	000 76	8 00 00	95 02 2	095 82	9 8 4 0 0	- - - 79	+ 3	+ 4	109.7	+ 2.4	110.4	146
	Chittagong	000 77	6 27 02	97 02 1	057 86	3 2 6 2 0	0 × 9 91	000 78	5 00 03	97 02 1	084 85	3 2 6 0 0	0 × 9 79	+ 4	+ 4	102.5	+ 22 6	132.8	108
	Noakhali	000 73	5 00 00	96 02 0	××× 87	2 8 4 9 2	- - - 91	000 78	6 00 00	96 03 1	× - × 81	2 1 4 1 2	- - - 81	+ 4	+ 5	—	—	—	115
	Comilla	000 80	2 05 02	98 01 1	062 81	2 2 7 0 2	- - - 86	000 77	6 31 05	98 02 1	084 85	0 0 9 0 4	- - 78	- 3	+ 3	116 9	+51 4	124 8	94
	Brahmanbaria	000 77	2 00 00	94 02 1	066 87	2 4 5 0 0	- - - 89	000 80	4 36 02	97 03 1	085 87	2 5 5 0 2	0 4 × 79	—	—	56 4	+ 5.2	66.3	73
	Dacca	××× 79	1 00 00	97 00 1	054 85	1 1 5 0 0	- - - 92	××× 78	7 00 00	98 02 2	086 85	0 0 9 0 1	- × - 76	—		—		—	—
	Narayanganj	000 75	1 00 00	98 01 1	048 87	0 0 9 0 1	9 0 × 98	000 77	5 31 02	95 02 2	081 87	0 0 9 0 7	9 0 × 79	+ 4	+ 2	65.7	+15.8	84.6	74
	Mymensingh	000 80	0 00 00	99 00 0	064 87	0 0 9 0 0	- - - 88	000 79	0 00 00	99 00 0	085 88	0 0 9 0 0	- - 77	0	+ 1	47.4	- 17 8	55.5	91
	Srimangal	000 79	1 00 00	95 01 1	059 84	1 2 6 0 0	- - - 80	000 77	5 31 02	96 02 1	088 83	0 0 9 8 1	0 6 5 73	- 1	+ 1	72.8	+11 3	99 7	98
	Khulna	000 71	1 00 00	98 01 0	062 87	0 0 9 0 1	- - - 91	000 76	5 00 00	97 02 0	091 85	0 0 9 0 3	- - - 78	+ 3	+ 3	42.0	- 8 2	50.8	63
	Satkhira	000 77	6 00 00	97 03 1	074 87	4 4 7 6 0	- - × 92	000 78	6 35 02	97 03 1	083 85	5 5 7 5 0	- - 78	+ 3	+ 3	32 6	- 15 1	40 6	65
	Jessore	000 78	2 00 00	96 02 1	069 85	2 8 4 0 0	- - - 94	000 77	4 00 00	97 01 1	086 86	0 0 9 5 0	2 × 0 76	—		32.4	6 7	39 5	65
	Faridpur	000 77	4 00 00	96 03 1	040 86	2 6 7 1 0	9 × × 86	000 75	6 36 02	96 02 1	090 85	1 6 7 1 6	9 4 × 76	- 2	- 1	47.2	1 8	52.6	71
	Barisal	000 76	2 00 00	97 01 1	059 87	1 5 6 2 0	- × × 91	000 78	8 31 05	98 02 1	082 84	1 2 6 7 2	- × × 79	+ 3	+ 2	56.4	- 1 3	67.0	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 76	0 00 00	97 00 0	060 86	0 0 9 0 0	- - - 90	040 78	1 00 00	99 02 1	050 85	1 1 6 0 0	- - - 78	—	0	49.8	- 13.4	59.9	64
	Bogra	000 77	1 00 00	96 01 1	057 86	1 1 7 0 0	- - - 91	006 77	1 36 02	96 01 0	085 86	0 0 9 0 1	- - - 76	+ 2	+ 1	33 8	- 17 8	40.6	60
	Dinajpur	000 79	0 00 00	96 00 0	071 87	0 0 9 0 0	- - - 92	000 76	0 00 00	97 00 0	100 87	0 0 9 0 0	- - - 76	+ 2	+ 1	42.4	- 15 2	46.7	72
	Rangpur	000 ××	0 09 02	98 02 1	— —	0 0 9 0 0	- - - ××	000 ××	1 09 02	98 01 1	— —	1 1 × 0 0	- - - ××	—	—	68 3	+ 4.3	77 6	84
KASHMIR	Srinagar†																		—
	Gulmarg††																		—
	Sonamarg (a)																		—
	Dras†																		—
	Leh††																		—
	Skardu†																		—
	Gilgit*																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 63	0 16 02	96 00 0	028 98	0 0 9 0 0	- - - 00	000 59	0 05 04	96 00 0	062 77	0 0 9 0 0	- - - 77	+ 5	+12	5.9	3 8	10 2	12
	Lahore	000 75	0 00 00	97 00 0	088 95	0 0 9 0 0	- - - 04	000 68	1 05 09	96 02 1	095 79	0 0 9 0 2	2 9 × 75	+ 9	+10	10.6	3.9	14.7	19
	Sialkot	000 69	0 00 00	97 00 0	039 95	0 0 9 0 0	- - - 99	000 69	7 05 04	98 01 9	099 76	7 2 6 6 0	- × 69	+ 5	+ 3	13.8	9.8	18.7	32
	Jhelum	000 66	2 23 02	96 03 1	036 96	2 1 7 0 0	- - - 00	065 68	7 31 02	95 02 9	050 73	2 5 8 2 0	5 × 9 65	—	—	16 5		26 6	—
	Rawalpindi	000 45	0 00 00	98 00 0	029 98	0 0 9 2 0	- - - 97	000 62	6 00 00	99 02 6	099 73	6 5 6 0 0	2 × × 65	+ 6	+ 5	14 9	8.8	25.7	30
	Murree†	000 60	2 29 03	96 01 1	971 69	2 1 4 6 0	0 × - 74	048 44	6 02 15	97 02 9	981 54	6 5 5 0 0	5 × × 60	+ 6	2	22.4	14.0	44.0	59
	Attock	××× ××	4 00 06	96 00 0	—	4 0 5 2 0	- - - —	××× ××	5 00 00	97 02 1	—	5 6 7 0 0	- - - —			—	—	—	—
	Khushab	000 62	0 16 02	98 00 0	031 99	0 0 9 0 0	- - - 01	000 60	0 09 05	99 00 0	092 79	0 0 9 0 0	- - - 74	+ 4	+ 7	3 1	- 7.2	8.0	15
	Montgomery	000 65	0 00 00	97 00 0	027 00	0 0 9 0 0	- - - 02	000 62	4 11 02	97 01 1	078 80	× × × × ×	- - - 76	+ 2	+ 9	2.5	- 5.0	6.1	10
	Leiah	000 93	4 18 08	97 01 0	030 08	0 0 9 0 3	- - - 06	000 78	2 31 02	97 02 1	081 85	0 9 9 6 3	- - 74	—		0.9	—	4.8	8
	Multan	000 66	0 00 00	97 00 0	082 02	0 0 9 0 0	- - - 05	000 61	0 30 06	96 00 0	072 82	0 0 9 0 0	- - - 77	+ 8	+ 10	3.8	- 1.1	4 9	7
	Khanpur	000 47	0 23 10	94 07 0	088 00	0 0 9 0 0	- - - 02	000 55	6 28 07	94 04 1	073 82	0 0 9 4 8	0 9 9 75	+ 5	+ 8	0.3	4.5	1.9	6
	Bahawalpur	000 78	0 00 00	97 00 0	029 01	0 0 9 0 0	- - - 04	000 65	0 20 02	97 00 0	069 76	0 0 9 0 0	- - 72	+ 7	+ 7	1.9	- 2.3	5.0	6
	Fort Abbas	000 94	0 28 09	96 00 0	027 04	0 0 9 0 0	0 × × 06										—		8
N. W. F. P.	Drosh*	000 50	8 20 07	97 02 1	945 82	5 8 7 1 -	6 × 9 88	000 48	8 00 00	98 03 9	015 68	9 0 9 7 -	9 × 9 62	+ 8	+ 6	1.8	—	22.0	18
	Chakdara	000 58	0 21 02	99 00 0	030 91	0 0 9 0 0	- 94	014 60	0 31 02	99 00 1	104 71	0 0 9 0 0	66	—	—	6.5	—	18.8	—
	Cherat*	000 52	7 02 02	97 03 1	966 84	0 0 9 0 6	2 8 × 90	076 48	4 09 07	98 01 8	999 68	0 0 9 0 0	2 0 × 67	+ 9	+ 6	6.0	- 6 2	28.0	29
	Peshawar	000 63	6 36 33	96 02 1	039 87	4 9 6 2 0	0 7 0 95	000 61	3 13 03	97 01 9	105 76	0 0 9 0 0	9 × × 70	+ 4	+ 7	1.8	- 2.7	9.1	14
	Parachinar	000 41	3 00 00	98 01 1	970 80	1 2 8 3 0	5 × 9 84	042 43	0 00 00	99 00 9	990 68	0 0 9 0 0	9 × × 55	+ 8	+ 4	10.5	—	28.9	28
	Miranshah	000 53	0 07 05	99 00 0	940 91	0 0 9 0 0	- - - 94	000 61	0 00 00	98 00 4	990 74	0 0 9 0 0	- - - 71	—	—	3.8	- 1 2	10.5	11
	Bannu	000 54	2 07 03	99 03 0	030 97	0 0 9 0 1	- - 95	000 29	0 00 00	99 00 0	092 79	0 0 9 0 0	- - - 71	—	—	0.9		5.8	11
	D. I. Khan	000 74	2 00 00	96 03 0	025 00	0 9 9 0 5	- 6 2 02	000 64	0 05 04	96 00 0	102 80	0 0 9 0 0	- - - 65	+ 6	0	1.1	- 4.4	2.2	9
	Wana																		11
	Landikotal	000 65	6 12 03	97 02 2	944 84	6 9 6 0 0	- - - 93	000 57	3 13 03	00 02 9	086 72	0 0 9 4 0	- - - 71		—	2.4	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - ××	—	—		—	—	—
	Thall	××× ××	0 23 09	99 00 0	—	0 0 9 0 0	- - - —	××× ××	0 09 09	99 00 0	—	0 0 9 0 0	- - - ××	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 25	8 23 10	97 03 5	932 87	3 7 6 5 3	2 × × 93	000 36	0 00 00	96 05 0	973 76	0 0 9 0 0	- - - 63	+ 8	+ 6	4.1	- 0.9	10 0	11
	Hindubagh	000 61	5 09 12	97 01 5	969 79	5 7 7 0 0	7 × × 87	000 41	0 23 05	98 00 0	990 70	0 0 9 0 0	- - - 60	—	—	0.2	—	3.5	—
	Loralai	000 35	8 23 09	95 05 9	960 79	3 7 4 -	3 × × 91	000 25	0 27 05	96 00 4	991 65	0 8 9 0 0	- - - 59	—	—	1.7	—	5.1	—
	Harnai (a)	000 ××	5 13 09	94 02 2	—	3 2 8 4 0	- - - —	000 ××	0 00 09	96 00 0	—	0 0 9 0 0	- - - ××		—	2.0	- 5.5	10.6	14
	Sibi	000 54	6 28 05	98 02 1	033 02	0 0 9 7 0	8 × 7 06	000 57	0 00 00	98 00 0	073 81	0 0 9 0 0	- - - 60	—	—	2.2	—	3.8	6
	Quetta†	000 53	5 29 07	98 02 2	076 84	0 0 9 4 0	8 × 0 27	000 45	0 00 00	98 00 0	984 56	0 0 9 0 0	- - - 51			0.8	- 0.2	9.3	9
	Chaman	000 74	0 31 05	97 00 0	957 88	0 0 9 0 0	- - 91	000 47	0 09 02	97 00 0	997 72	0 0 9 0 0	- - - 67	+10	+14	0	- 0.2	9.6	8
	Nushki	000 42	1 22 05	97 01 1	017 98	0 0 9 4 0	4 0 9 06	000 42	0 07 10	96 00 0	047 82	0 0 9 0 0	- - - 70		—	0	—	5.5	—
	Dalbandin*	000 50	2 00 00	97 03 1	960 97	0 0 9 4 0	- 09	000 41	0 00 00	97 00 0	955 71	0 0 9 0 0	- - 65	+ 9	+ 12	0	- 0.3	1.8	4
	Nokkundi	000 71	0 14 02	99 03 0	000 00	0 0 9 0 1	0 0 × 02	000 49	0 05 02	99 00 0	088 79	0 0 9 0 0	- - 71	—	—	0	—	0.9	2
	Kalat†	000 55	6 18 05	98 03 3	092 77	0 0 9 5 0	6 0 4 81	000 45	0 18 05	98 00 0	010 56	0 0 9 0 0	- - - 61	+ 4	+ 9	0.8	0.4	4.7	7
	Turbat	000 71	0 24 05	97 00 2	116 99	0 0 9 0 0	- - - 09	000 72	8 24 09	95 03 2	146 79	8 9 7 - -	- - - 75	—	—	0		1.4	—
	Panjgur*	000 25	0 28 02	97 00 0	975 90	0 0 9 0 0	- - - 92							+ 5					5
	Las Bela	000 71	0 18 06	99 00 0	065 97	0 0 9 0 0	- - - 00							—					8
	Ormara	000 60	0 22 09	97 00 0	092 77	0 0 9 0 0	- - - 88	000 78	0 27 09	97 00 0	116 78	0 0 9 0 0	- - - 76	—	—	0.3	0 5	3.1	6
	Pasni	000 71	0 23 09	98 09 0	096 94	0 0 9 9 0	- - - 88	000 71	0 31 03	96 02 0	115 78	6 4 5 0 0	- - - 72	- 3	+ 3	0.3	0 1	5.0	6
	Jiwani																		4
SIND	Bet	000 84	0 27 05	96 00 0	053 02	0 0 9 0 0	- - - 03	000 68	2 05 02	96 03 1	094 75	0 0 9 4 0	2 0 1 71	—	—	1.7	—	2.2	—
	Jacobabad	000 59	1 18 07	97 08 0	046 00	0 0 9 3 0	- - - 04	000 57	0 18 03	96 00 0	080 78	0 0 9 0 0	- - - 71	+ 4	+ 8	0.2	- 2.0	0.7	4
	Sukkur	000 69	0 ×× ××	96 00 0	047 99	0 0 9 0 0	- - - 02	000 65	0 ×× ××	96 00 0	075 78	0 0 9 0 0	- - - 75	—		0.5	—	1.9	4
	Padidan	000 42	0 23 09	97 00 0	051 04	0 0 9 0 0	- - - 07	000 63	0 13 03	99 00 0	079 74	0 0 9 0 0	- - - 08	—	0	0.6	—	0.9	—
	Karachi (Manora)	000 75	0 25 05	98 00 0	093 81	0 0 9 0 0	- - - 85	000 73	5 00 00	98 00 0	115 77	5 6 4 0 0	- - - 75	- 2	0	1.5	- 4.5	1.6	3
	Karachi (A. P.)	000 74	0 25 16	98 00 1	091 86	0 0 9 0 0	- - - 91	000 73	5 27 09	96 02 1	115 78	5 6 5 0 0	- - - 76	—	—	2.9	—	3.0	—
	Badin	000 65	0 23 05	97 00 0	079 94	0 0 9 0 0	- - - 00	000 73	0 27 05	97 00 0	113 77	0 0 9 0 0	- - - 72	+ 4	+ 8	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 68	0 23 07	97 00 0	067 00	0 0 9 0 0	- - - 02	000 73	0 22 09	97 00 0	086 77	0 0 9 0 0	- - - 71	—	—	2.3	—	2.2	—
	Hyderabad	000 56	0 28 05	97 00 0	069 00	0 0 9 0 0	- - - 06	000 72	0 20 05	97 00 0	089 77	0 0 9 0 0	- - - 73	+ 5	0	1.8	- 4.3	2.0	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul							000 60											12
	Jalalabad	000 57	1 23 05	98 01 1	031 88		- - - 97		1 18 02	97 01 5	100 70	0 0 9 0 1	9 × - 66		—	0.5	—	6.0	—
	Kandahar					0 0 0 0 0								—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 9TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_MD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR $P_TP_TP_d$	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_MD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iraq	Gharba:	-	-				-	-						-	-	-	-	-	4
	Jasi:							-						-	-		-		4
	Masnec							-						-	-		-	-	18
	Basnire							-						-					11
Arabia	Musca:	000 75	0 18 05	97 00 0	987 88	0 0 9 0 0	- - - 00	000 70	0 31 02	97 00 0	122 85	0 0 9 0 0	- - - xx	- 1	+ 8	0	—	3.3	4
	Sharjah	-				—												-	4
	Kuwait	-	—	—	—	—	—	000 xx	0 00 80	97 00 0	112 85	0 0 9 0 0	- - - 84	—	—	0	—	1.5	1

* Barometer readings reduced to 1 geodynamic Kilometre (2,350-2,356 feet according to latitude..
† Barometer readings reduced to 2 geodynamic Kilometre (5,699-5,712 feet according to latitude..
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049,-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
* The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall..
Whenever 000 is given for RRR see the summary on page 3 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Canton	23 168	731 00	4 22 10	98 01 1	106 83	41 5 90	4 6 300	—	0 51 79	1 33 21
Masimpur	23 190	719 06	2 33 06	86 01 0	125 85	21 6 00	—	—	—	—
Khosrou	23 210	699 06	4 31 13	98 02 0	134 88	41 6 00	3 3 300	—	0 00 80	1 31 23
Daressa	23 241	644 06	4 22 09	97 02 1	139 90	41 5 00	2 5 310		0 51 73	—
Jehangir	23 175	654 06	2 11 02	68 01 0	147 82	26 6 00	2 3 805	8 2 630	0 01 75	1 00 08
Teetus	23 284	594 06	3 20 04	99 03 0	136 93	32 5 00	5 5 313		0 01 73	1 30 21
Bharatraja	23 208	702 12	0 29 06	95 00 0	091 26	—	—		—	—
Jehangir	23 179	653 18	2 05 09	97 02 0	128 82	26 6 00	2 3 312	8 1 630	0 00 75	1 25 28
Maila	23 223	660 18	1 24 08	98 03 0	142 80	14 x 00	—	—	—	—
Daressa	23 245	652 18	2 25 13	97 02 1	116 80	21 5 00	2 5 000	—	0 51 77	—
Shwedagon	23 243	670 12	2 27 13	99 03 0	100 xx	21 9 00	—	—	—	—
Canton	23 136	743 12	5 27 10	89 01 1	093 83	41 5 18	4 6 307	—	0 51 79	1 27 21
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoXIXz			PIPIhIhIhI		TITITdITdITxI etc.				5555		hIhIPIPIPI			TITITdITdITxI etc.			
1	-	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	2c
Karach	780 14	007 28	226 60	030 28	282 24	854 98	235 54	700 41	115 93	509 36	579 91	381 66	899 94	555 55	239 30	280 17	339 60	265 27	678 00	206 39	466 60	056 11	563 76	099 96	484 60

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet

Upper Air Data (Hddff.)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ††										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ††						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ††							
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	12	13	14	15	16	17	18	19
Bogra	55 02	33 02									26 01	24 94	30 04	10 03	10 04	—	25 10	03 10	06 97	11 10	12 12	10 09	20 07	28 04
Dhaka	24 15	25 10	25 18	26 17	23 17	17 18	13 16	35 12	26 12	24 58							24 23	23 24	23 22	25 20	23 19	30 18	11 12	04 21
Chittagong				No ascent	—						02 10	03 09	03 10	03 12	—	—	06 07	06 07	06 10	04 11	06 14	07 18	—	—
Cox's Bazar	27 09	26 04	22 03	21 02	25 08	24 10	—	—	—	—	01 12	01 16	01 10	07 04	10 11	—	02 10	12 13	12 09	14 07	—	—	—	—
Dacca	30 03	30 03	20 01		16 11	16 06	—	—	—	—	26 04	calm	09 01	13 03	17 04	19 03	02 08	03 06	07 05	11 10	13 10	13 07	07 04	03 04
Balasdnir	—	—	21 01	18 03	11 04	12 05	23 03	23 17	23 24	18 29			28 09	26 07	22 07	25 06	—		20 04	30 05	20 07	03 04	28 11	23 22
Drosr		—	—		23 04	22 06	22 08	24 07	—	—	—	—	—	22 04	21 08	19 13	—	—			23 01	13 07	23 04	
Fort Sandeman			—	22 05	21 04	22 08	27 09	26 18	—		—	—	—	20 11	30 10	31 29	—	—	—	23 04	19 06	26 11	32 19	—
Jacobabad	24 10	16 06	23 19	22 13	23 13	24 12	21 06	19 13	28 07	29 20	15 12	21 15	21 12	19 09	22 13	21 07	23 05	26 02	24 04	24 03	24 04	26 09	04 05	31 18
Jhelum	18 03	18 04	13 05	26 02	30 05	29 12	33 16	31 02	23 23	—	07 04	13 10	16 06	21 07	22 07	22 04	34 03	03 13	04 11	33 04	31 20	28 23	—	—
Jiwani								—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	27 15	28 15	26 12	24 10	23 10	19 17	17 06	28 17	29 27	26 35	25 16	—	—	—	—	—	27 23	28 24			—	—	—	—
Khanpur	25 10	27 30	26 30	26 26	26 20	29 16	13 08	06 06	25 07	25 30	21 12	29 18	26 25	—	—	—	25 26	26 29	26 27	26 27	26 20	31 21	—	—
Lahore	11 02	25 01	24 02	26 03	23 03	30 10	34 16	28 13	24 17	23 25	19 06	13 04	10 03	10 05	27 04	30 05	04 15	02 26	01 15	15 13	15 07	27 11	29 16	27 24
Multan	19 05	28 04	01 03	23 03	26 03	36 07	—	—	—	—	31 02	24 05	25 07	27 07	25 09	24 06	25 06	23 10	03 10	03 09	—	—	—	—
Peshawar		01 02	24 01	23 01	25 01	30 10	28 15	29 17	26 12	26 23	—	07 10	03 05	05 08	24 02	27 10	—	19 03	13 05	13 05	13 02	31 18	30 17	31 10
Quetta					27 07	29 09	26 08	21 11	—	—	—	—	—	—	11 03	33 08	—	—	—	—	26 19	34 10	28 30	—
Bushire						—									—						—	—		—
Shariat						—																—		—

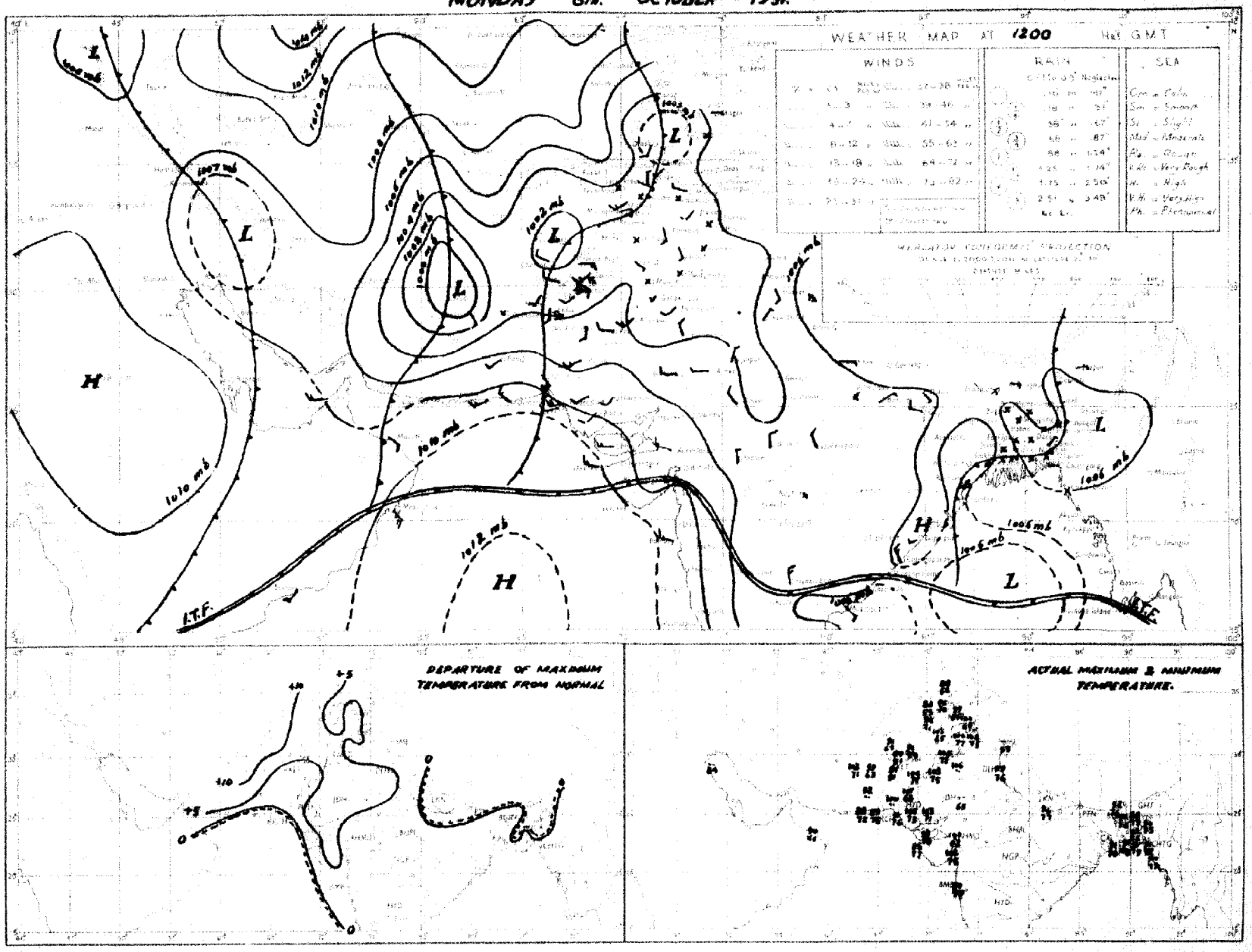
Cloud Observation Data (iiiGG Cddv. v_v)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.2, 2.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

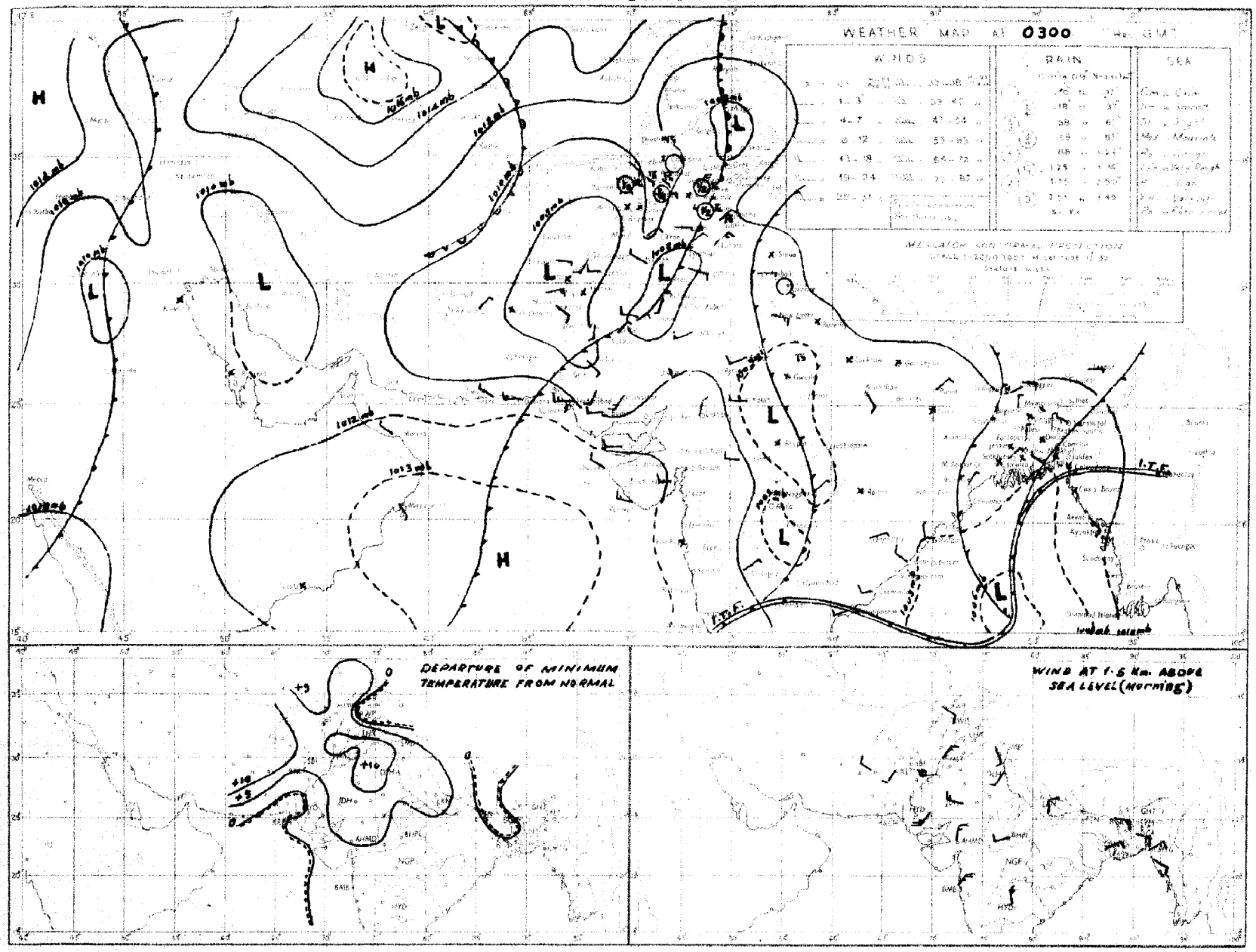
MONDAY 8th. OCTOBER 1951.



* Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

TUESDAY 9th: OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past **24** *hours.*

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR WEDNESDAY, THE 10TH OCTOBER, 1951

(*Published by the authority of the Government of Pakistan*).

Summary of observations recorded at 0300 hrs. G. M. T.

The marked trough of low lies in the north Bay of Bengal.

A low lies over Baluchistan.

The western disturbance is moving away eastnortheastwards across north Iraq. Its secondary is approaching west Persian Gulf.

Local thunderstorms/showers have occurred in East Pakistan.

Chief amounts of rainfall are :—Comilla and Brahmanbaria ½" each and Srimangal ¼".

Day temperatures were appreciably to markedly above normal in north Baluchistan and the upper North-West Frontier Province.

Forecast valid until the evening of 11th :—Local thunderstorms/showers will occur in East Pakistan. Thundery conditions are likely in the North-West Frontier Province and Kashmir and morning mist/fog along Mekran coast.

Karachi-11.
The 10th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDhDMTxTx	RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDhDMTnTn	TxTx	TnTn	Since 1st April 31 to date	Departure from normal	Since 1st Jan. 31 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29
EAST PAKISTAN	Cox's Bazar	000 79	5 00 00	96 02 9	055 85	3 8 4 2 0	1 x 0 90	010 74	2 13 05	97 02 9	100 85	1 1 6 3 1	0 0 0 76	+ 3	+ 1	109.8	- 2.5	119.5	140
	Chittagong	000 76	8 xx xx	97 17 1	062 82	1 2 6 9 0	0 x 9 87	009 7x	6 xx xx	97 02 6	051 83	1 2 6 9 0	0 x 9 77	0	+ 2	102.5	+ 22.6	132.4	105
	Noakhali	000 79	8 09 00	96 01 1	xxx 83	2 1 5 4 4	- - - 91	000 76	7 00 00	96 01 1	xxx 80	3 3 5 1	- - 80	+ 4	+ 4	—	—	—	115
	Comilla	000 79	4 31 02	98 01 1	041 88	0 0 9 7 0	- - - 88	061 78	5 28 05	98 03 1	095 76	6 5 7 0 0	8 0 0 76	- 1	+ 1	117.5	+ 51.7	124.9	94
	Brahmanbaria	000 80	4 00 00	97 08 1	056 86	4 4 5 0 0	- - - 90	059 73	7 00 00	97 01 6	093 75	4 5 5 0 8	3 4 x 74	-	—	87.0	+ 5.7	66.0	78
	Dacca	000 78	4 00 00	96 01 2	045 86	0 0 9 8 0	6 x x 89	xxx 75	8 05 05	—	96 79	7 9 4 4	9 x x 78			—		—	—
	Narayanganj	000 78	5 00 00	97 03 2	043 87	0 0 9 0 9	9 0 x 91	000 76	8 13 02	94 03 2	043 82	0 0 7 7	8 x 0 80	+ 2	+ 3	65.7	+ 15.4	84.6	74
	Mymensingh	000 78	8 00 00	99 02 2	046 85	8 4 7 - -	- - - 89	016 80	8 00 00	97 02 6	092 83	8 4 7	0 x x 78	+ 1	+ 2	47.8	- 17.8	55.7	91
	Srimangal	000 82	7 00 00	95 03 1	046 84	5 5 6 0 1	- - - 91	022 73	8 13 02	94 60 9	095 74	8 5 6 -	7 x x 72	0	0	72.8	+ 11.8	99.9	98
	Khulna	000 78	2 00 00	97 01 1	058 85	2 8 8 2 0	- - - 89	000 83	6 09 08	97 01 0	093 84	6 8 8 0 0	- - 79	+ 1	+ 4	42.0	8.2	60.8	69
	Satkhira	000 85	6 00 00	97 03 1	043 86	4 4 7 6 0	- - x 90	000 76	7 05 03	97 03 1	0x8 85	4 4 7 6 0	- - 79	+ 1	+ 4	32.6	- 15.3	40.6	65
	Jessore	000 79	4 00 00	97 02 1	043 85	0 0 9 5 0	- - 93	000 77	2 13 04	97 01 1	052 67	1 8 6 5 0	0 x 0 xx	—		32.4	12.8	39.5	49
	Faridpur	000 81	8 00 00	96 03	051 86	1 6 7 1 6	9 6 x 90	000 77	7 09 02	96 08 1	082 85	5 6 5 1 0	9 x x 80	+ 2	+ 3	47.2	1.5	52.6	71
	Barisal	000 79	8 23 02	97 02 1	048 88	2 2 6 7 8	- - - 90	000 78	8 09 03	98 02 2	089 84	5 4 6 7 8	- - 79	+ 2	+ 2	56.4	2.0	67.1	84
	Pabna																		59
	Rampur Boalia													—					56
	Sirajganj	000 77	8 00 00	94 02 2	039 86	8 2 7 0 0	- - - 92	006 79	2 18 02	98 01 1	085 69	2 1 7 0 0	- - - 80	+ 3	+ 5	38.8	18.0	40.6	64
	Bogra	000 77	6 00 00	96 03 1	046 87	2 1 8 0 6	- - 92	000 78	0 09 02	97 00 0	097 88	0 0 9 0 0	- - - 78	+ 4	+ 3	42.4	- 15.8	46.7	69
	Dinajpur	000 77	8 00 00	96 00 0	057 87	0 0 9 0 0	- - - 93	000 xx	2 11 02	98 02 1	— —	0 0 9 1 0	- - - —		—	68.3	+ 4.2	77.6	71
	Rangpur	000 xx	0 09 02	97 00 1	— —	0 0 9 0 0	- - - —												86
KASHMIR	Srinagar																		-
	Gulmarg																		-
	Sonamarg																		-
	Dras																		-
	Leh																		-
	Skardu																		-
	Gilgit																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 65	0 09 03	96 00 0	060 93	0 0 9 0 0	- - - 96	000 62	0 07 02	96 00 0	068 77	0 0 9 0 0	- - - 72	0	+ 7	5.9	3.3	10.2	18
	Lahore	000 68	0 13 09	95 07 1	064 87	0 0 9 0 0	5 x x 95	000 68	0 00 00	98 00 0	098 79	0 0 9 0 0	- - - 69	0	+ 4	10.8	3.9	14.7	19
	Sialkot	000 69	0 25 04	97 01 1	065 87	0 0 9 0 2	- - - 99	000 60	1 05 02	97 02 1	109 78	0 0 9 0 1	- - - 73	+ 5	+ 6	13.8	10.0	18.7	32
	Jhelum	000 66	1 00 00	98 01 1	066 89	1 1 7 0 0	- - - 91	000 69	0 00 00	96 00 0	103 75	0 0 9 0 0	- - - 69	—	—	16.5		25.8	—
	Rawalpindi	000 79	0 00 00	99 00 0	061 86	0 0 9 0 0	- - - 90	000 61	0 00 00	99 00 0	101 73	0 0 9 0 0	- - - 66	1	+ 6	14.9	8.9	25.7	36
	Murree	000 53	2 18 02	97 01 1	072 63	2 1 4 0 0	9 x x 69	000 47	0 00 00	97 00 1	989 61	0 0 9 0 0	9 x x 53	+ 1	+ 1	22.4	14.0	44.0	59
	Attock	xxx xx	0 13 09	98 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 13 02	98 00 0	— —	0 0 8 0 0	- - - —			—	—	—	—
	Khushab	000 61	1 11 05	99 01 1	058 92	0 0 9 0 4	- - - 96	000 62	0 09 02	99 00 0	099 82	0 0 9 0 0	- - - 72	- 1	+ 5	8.1	- 7.2	8.0	15
	Montgomery	000 67	0 11 07	96 00 0	041 93	0 0 9 0 0	- - - 95	000 61	0 00 00	97 00 0	093 79	0 0 9 0 0	- - - 73	+ 4	+ 6	2.5	- 5.0	6.1	10
	Leiah	000 91	0 09 02	97 00 0	051 99	0 0 9 0 0	- - - 00	000 76	0 03 00	97 00 0	091 85	0 0 9 0 0	- - 76			0.9		6.6	8
	Multan	000 81	0 05 02	95 00 0	030 96	0 0 9 0 0	- - - 97	000 67	0 09 02	97 00 0	090 81	0 0 9 0 0	- - - 79	0	+ 12	3.8	1.1	6.9	7
	Khanpur	000 72	0 36 03	95 05 0	049 01	0 0 9 0 0	- - - 03	000 62	0 25 02	94 04 0	086 79	0 0 9 0 0	- - - 72	+ 5	+ 5	0.8	4.5	1.9	6
	Bahawalpur	000 77	0 00 00	97 00 0	048 95	0 0 9 0 0	- - - 99	000 69	0 00 00	97 00 0	087 79	0 0 9 0 0	- 75	+ 2	+ 10	1.9	2.5	5.0	6
	Fort Abbas	000 94	0 28 03	96 00 0	027 09	0 0 9 0 0	0 x x 05	000 73	0 00 00	96 00 0	054 89	0 0 9 0 0	0 x x 80		—	2.8	—	3.7	5
N. W. F. P.	Drosh	000 47	3 25 09	98 03 2	930 83	3 2 8 9 0	8 x x 88	000 49	0 00 00	99 00 1	986 4	0 0 9 0 0	9 x x 63	+ 8	+ 7	1.8	—	22.0	16
	Chakdara	000 58	0 24 03	99 00 0	050 85	0 0 9 0 0	- 89	000 56	0 34 02	97 00 0	108 71	0 0 9 0 0	- 62		—	6.5	—	18.8	
	Cherat	000 64	1 18 10	98 01 1	970 76	0 0 9 0 1	6 0 x 89	000 54	0 16 04	97 00 0	999 68	0 0 9 0 0	- - - 61	1	0	8.0	- 8.2	28.0	29
	Peshawar	000 62	2 36 07	96 02 1	056 85	1 1 7 0 1	- - - 91	000 62	0 00 00	97 00 0	106 72	0 0 9 0 0	- - 67	0	+ 4	1.8	- 2.7	9.1	14
	Parachinar	000 49	5 13 02	96 02 2	975 74	2 3 7 6 0	5 x 7 79	000 40	0 00 00	99 00 1	980 70	0 0 9 0 0	9 x x 56	+ 8	+ 5	10.5		28.8	39
	Miranshah	000 58	4 11 05	98 02 1	949 86	0 0 9 8 2	- - - 86	000 54	0 00 00	99 00 0	971 71	0 0 9 0 0	- - - 67	—	—	3.8	- 1.2	10.5	12
	Bannu	000 56	2 09 02	98 03 0	041 92	0 0 9 0 1	- - - 93	000 62	0 00 00	99 00 0	100 78	0 0 9 0 0	- - - 71	—	—	0.0		5.8	11
	D. I. Khan	000 64	0 02 02	96 00 0	050 96	0 0 9 0 0	- - - 97	000 63	0 05 02	96 00 0	095 76	0 0 9 0 0	- - - 65	+ 1	0	1.1	- 4.4	2.8	9
	Wana																		11
	Landikotal	000 68	1 05 08	98 02 1	952 80	1 0 9 4 0	- - - 87	000 60	0 00 00	99 00 0	981 72	0 0 9 0 0	- - - 61		—	2.4	—	12.0	-
	Hangu	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—		—	—	-
	Thall	xxx xx	0 18 09	99 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 36 09	99 00 0	—	— —	- - - —	—	—	—	—	—	-
BALUCHISTAN	Fort Sandeman	000 26	0 00 00	96 05 0	062 89	0 0 9 0 0	- - - 90	000 45	0 00 00	93 06 0	087 89	0 0 0 0 0	- - - 68	+ 5	+ 6	4.1	- 0.9	10.0	11
	Hindubagh	000 32	1 23 09	97 01 1	968 82	3 2 8 0 0	7 x x 86	000 35	0 13 02	99 00 0	990 68	0 0 9 0 0	- - - 60	-	-	0.2	—	8.5	—
	Loralai	000 35	6 23 02	96 03 1	980 84	6 7 4 0 0	- - - 91	000 50	0 23 05	96 00 1	990 68	0 0 9 0 0	- - - 58	-	-	1.7	—	8.1	
	Harnai	000 xx	0 27 02	96 09 0	— —	0 0 9 0 0	- - - —	000 xx	0 13 03	96 00 0	—	0 0 9 0 0	- - - —	—	-	2.0	- 5.5	10.6	14
	Sibi	000 37	0 23 05	99 00 0	020 07	0 0 9 0 0	- - - 08	000 51	0 00 00	98 00 0	078 80	0 0 9 0 0	- - - 64	—	-	2.2	—	8.8	5
	Quetta	000 36	2 34 03	98 01 1	975 79	0 0 9 3 0	4 x 0 85	000 33	0 16 02	98 00 0	992 67	0 0 9 0 0	- - - 49		-	0.8	- 0.3	9.8	9
	Onaman	000 74	0 31 03	97 00 0	066 88	0 0 9 0 0	- - - 90	000 24	0 13 03	97 00 0	095 74	0 0 9 0 0	- - - 63	+ 9	+ 15	0	0.2	9.5	8
	Nushki	000 48	0 20 14	97 00 0	010 97	0 0 9 0 0	- - - 99	000 44	0 07 13	96 00 0	048 88	0 0 9 6 0	- - - 68		-	0	—	5.5	-
	Dalbandin	000 47	1 23 02	98 02 1	964 97	1 1 7 0 0	5 x x 00	000 42	0 09 00	98 00 1	983 68	0 0 9 0 0	9 x x 60	+ 10	+ 9	0	- 0.3	1.3	4
	Nokkundi	000 71	1 20 02	99 03 0	027 01	0 0 9 0 4	9 0 x 02	000 49	0 36 02	99 00 0	074 81	0 0 9 0 0	- - - 74	—		0	—	0.9	2
	Kalat	000 57	2 31 05	98 03 1	998 79	0 0 9 0 4	6 5 0 88	000 41	0 19 05	98 00 0	012 68	0 0 9 0 0	- - - 61	+ 6	+ 9	0.8	- 0.4	4.7	7
	Turbat	000 69	0 24 05	97 00 2	067 97	0 0 9 0 0	- - - 98	000 74	0 28 02	95 03 0	108 77	8 8 7 0 0	8 0 0 74	—	—	0		1.4	-
	Panjgur	000 40	0 27 02	97 00 0	969 92	0 0 9 0 0	- - - 94	000 55	0 05 02	97 00 0	987 69	0 0 9 0 0	- - - 62	+ 7	+ 6	0	—	3.2	5
	Las Bela																		8
	Ormara	000 73	0 27 13	97 00 0	078 82	0 0 9 0 0	- - - 84	000 72	0 27 00	97 00 0	108 78	0 0 9 0 0	- - - 76		-	0.3	0.5	3.1	6
	Pasni	000 73	0 23 12	96 00 0	008 83	0 0 9 0 0	- - - 87	000 73	0 27 02	96 00 0	114 75	0 0 9 0 0	- - - 72	- 4	+ 4	0.8	0.1	5.0	5
	Jiwani																		4
SIND	Keti	000 85	0 27 05	96 00 0	050 05	0 0 9 0 0	- - - 07	000 60	0 18 05	98 00 0	056 75	0 0 9 0 0	- - - 69	—		1.7	—	2.2	-
	Jacobabad	000 56	0 20 03	98 00 0	039 03	0 0 9 0 0	- - - 04	000 64	0 13 09	97 00 0	078 77	0 0 9 0 0	- - - 74	+ 4	+ 6	0.2	- 2.0	0.7	4
	Sukkur	000 65	0 xx xx	96 00 0	046 99	0 0 9 0 0	- - - 04	000 65	0 xx xx	96 00 0	077 79	0 0 9 0 0	- - - 72		—	0.5	—	1.0	4
	Pad Idan	000 53	0 23 02	98 00 0	045 04	0 0 9 0 0	- - - 06	000 66	0 16 02	97 00 0	072 74	0 0 9 0 0	- - - 68	—	—	0.9	—	0.9	
	Karachi (Manora)	000 74	0 25 09	98 00 0	087 80	0 0 9 0 0	- - - 93	000 78	5 27 09	97 02 2	107 77	5 6 4 0 0	- - - 76	- 4	0	1.5	- 4.5	1.6	3
	Karachi (A. P.)	000 71	0 27 14	96 00 1	086 85	0 0 9 0 0	- - - 89	000 76	6 27 14	97 08 1	108 79	0 6 4 0 0	- - - 74			2.9	—	3.0	
	Badin	000 70	0 31 05	97 00 0	077 92	0 0 9 0 0	- - - 97	000 73	0 23 05	97 00 0	092 77	0 0 9 0 0	- - - 74	+ 1	+ 4	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 70	0 20 07	97 00 0	081 97	0 0 9 0 0	- - - 01	000 74	0 23 09	97 00 0	098 78	0 0 9 0 0	- - - 73	—	—	2.3	—	2.3	
	Hyderabad	000 66	0 28 05	97 00 0	077 95	0 0 9 0 0	- - - 00	000 73	0 23 05	96 00 0	093 77	0 9 9 0 0	- - 74	0	+ 1	1.8	- 4.3	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul							000 56	1 20 07	98 01 8	022 60	0 0 9 0 9	0 0 0 54	—	—	0.7	—	10.5	12
	Jalalabad	000 53	2 00 02	97 01 0	990 90	0 0 9 4 0	8 x 9 91	000 57	0 27 02	97 00 1	999 66	0 0 9 0 6	9 x x 63	—	—	0.5	—	6.9	-
	Kandahar	000 57	0 23 05	98 00 0	934 87	0 0 9 9 0	- - - 96	000 50	0 00 00	97 00 0	960 57	0 0 9 0 0	- - - 50	—	—	0	—	10.5	-

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 10TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_a D_w T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_a D_w T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharbia													-	-	-	-	-	4
	Jast													-	-	-	-	-	5
	Masned													-	-	-	-	-	28
	Boshire													-	-				13
Arabia	Muscat	000 74	0 09 02	97 00 0	098 87	0 0 9 0 0	- - - 88	000 70	0 30 00	97 00 0	115 85	0 0 9 0 0	- - - xx	- 3	+6	0	—	5.3	4
	Sharjah	000 xx	0 05 02	97 00 0	007 94	0 0 9 0 0	- - - 84	000 xx	0 25 95	97 00 0	095 87	0 0 9 0 0	- - - 81	—	—	0	—	16.2	4
	Kuwait																		1

* Barometer readings reduced to 1 geodynamic Kilometre : 2,350-2,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,599-6,713 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,046-10,066 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	S $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ismaila	33 213	681 06	1 31 10	98 02 0	185 89	x1 x 00	—	—	—	—
Caledonia	33 216	626 06	2 12 05	99 01 1	145 81	21 4 00	1 6 320	—	0 59 74	—
Bharatraja	33 182	720 06	3 32 05	99 02 1	114 91	31 6 3x	—	—	—	—
Flying Cloud	33 210	610 06	1 08 08	99 02 0	142 80	18 x 00	1 5 310			—
Jehangir	33 188	703 06	6 34 09	98 03 2	131 84	04 6 00	2 3 309	8 6 830	0 00 77	1 34 22
Teetus	33 164	544 06	3 21 12	99 03 0	131 93	23 5 00	6 5 320		0 88 74	1 21 43
Jehangir	33 185	712 12	2 34 09	98 01 1	100 86	24 6 00	2 5 882	8 2 830	0 01 76	1 34 22
Bharatranja	33 175	725 12	4 35 09	98 03 1	107 89	x2 7 x1	—	—		—
Caledonia	33 227	645 12	4 27 05	99 03 2	107 83	41 6 00	1 6 800	—	0 51 78	
Jehangir	33 187	721 18	2 36 09	98 03 9	110 84	24 6 00	2 3 305	8 2 830	0 57 78	1 34 22
Caledonia	33 237	655 18	2 27 13	99 01 1	115 80	21 5 00	1 6 110		—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE:—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h2h2P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karach	180 14	007 27	222 60	090 28	262 17	854 94	225 51	700 39	135 62	509 38

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karach	539 91	301 97	809 91	555 55	079 85	251 87	209 42	271 02	330 00	240 18	678 00	195 49	456 00	045 56	51 4 0

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
nh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ††										2100 hrs. G. M. T of previous day † Height in Thousands of Feet ††						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ††							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Bogra	03 84	03 05	06 02	09 08	13 12	14 11	12 01	—	—	—	14 01	00 01	08 03	09 05	14 08	10 04	19 06	11 09	10 10	09 12	07 12	08 13	09 06	—
Dhaka	22 12	23 17	04 23	23 19	20 13	16 06	08 15	36 25	39 29	—	—	No ascent	—	—	—		24 17	24 16	24 29	—	—	—	—	—
Chittagong	20 06	20 12	19 06	19 09	13 10	—	—	—	—								08 07	08 08	08 10	08 10	—	—	—	—
Cox's Bazar	19 10	14 10	14 12	11 16	11 21	11 21				—	12 11	12 21	12 94	12 21	12 25	—	15 16	13 23	13 28	13 20	13 25	—	—	—
Dacca	34 06	34 06	14 03	13 08	13 06	12 08	09 10	12 10	03 07	—	20 06	20 04	19 03	22 06	21 07	—	11 11	11 07	05 01	06 06	—	—	—	—
Balsandit	—	—	00 00	19 03	28 05	02 04	33 09	33 19	32 21	32 30		—	28 06	27 12	22 26	03 03	—		09 01	02 03	09 02	38 06	38 10	36 03
Drosi		—			20 02	30 05	35 06	32 05	—	—	—	—	—	20 04	21 03	15 03	—	—		—	19 01	07 01	56 14	31 13
Fort Sandeman	—		—	30 06	29 05	31 05	31 10	32 17	32 45		—	—	—	28 03	29 06	32 13	—		—	12 01	22 05	01 16	29 16	
Sachabadar	22 03	27 04	29 05	33 07	31 06	34 07	12 04	34 18	35 34	35 34	28 29	28 19	23 12	22 08	17 06	28 08	15 10	16 06	23 07	21 07	22 07	33 05	03 02	—
Shalim	24 01	07 01	12 08	23 07	30 06	31 15	29 28	—	—	—	30 02	36 06	29 04	29 06	—	—	15 01	31 01	29 04	29 04	32 13	30 23	—	—
Siwani	—																	—	—	—	—	—	—	—
Karachi	27 23	28 22	28 18	28 10	23 08	13 11	03 10	36 18	01 34	36 31	28 27	28 27	35 11	27 12	15 17	08 12	28 24	—				1		1
Kharan	32 04	31 04	27 04	36 12	28 10	32 10	33 10	—	—	—	02 10	26 06	27 10	27 15	27 15	—	25 09	01 10	—	39 13	27 10	31 17		—
Lahore	11 07	11 10	12 09	24 03	28 05	29 16	28 23	31 21	31 32	33 28	05 12	05 07	32 03	35 07	33 09	31 06	07 07	05 04	05 02	33 04	32 06	32 09	32 09	—
Multan	05 12	05 12	04 13	—	—	—	—	—	—	—	11 08	12 05	12 05	32 02		—	11 08	07 01	05 03	19 03	01 04	34 17	31 10	31 10
Peshawar		07 05	16 06	22 07	28 12	31 21	30 11	31 06	31 25	29 33	—	31 07	21 03	31 04	24 04	30 27	—		30 06	34 08	24 09	30 19	30 27	—
Quetta					31 04	31 11	32 09	30 10	31 42	31 49	—	—	—	—	33 13	30 13	—	—			30 07	31 10	32 08	—
Bushire						—									—						—	—		—
Shariat						—																—		—

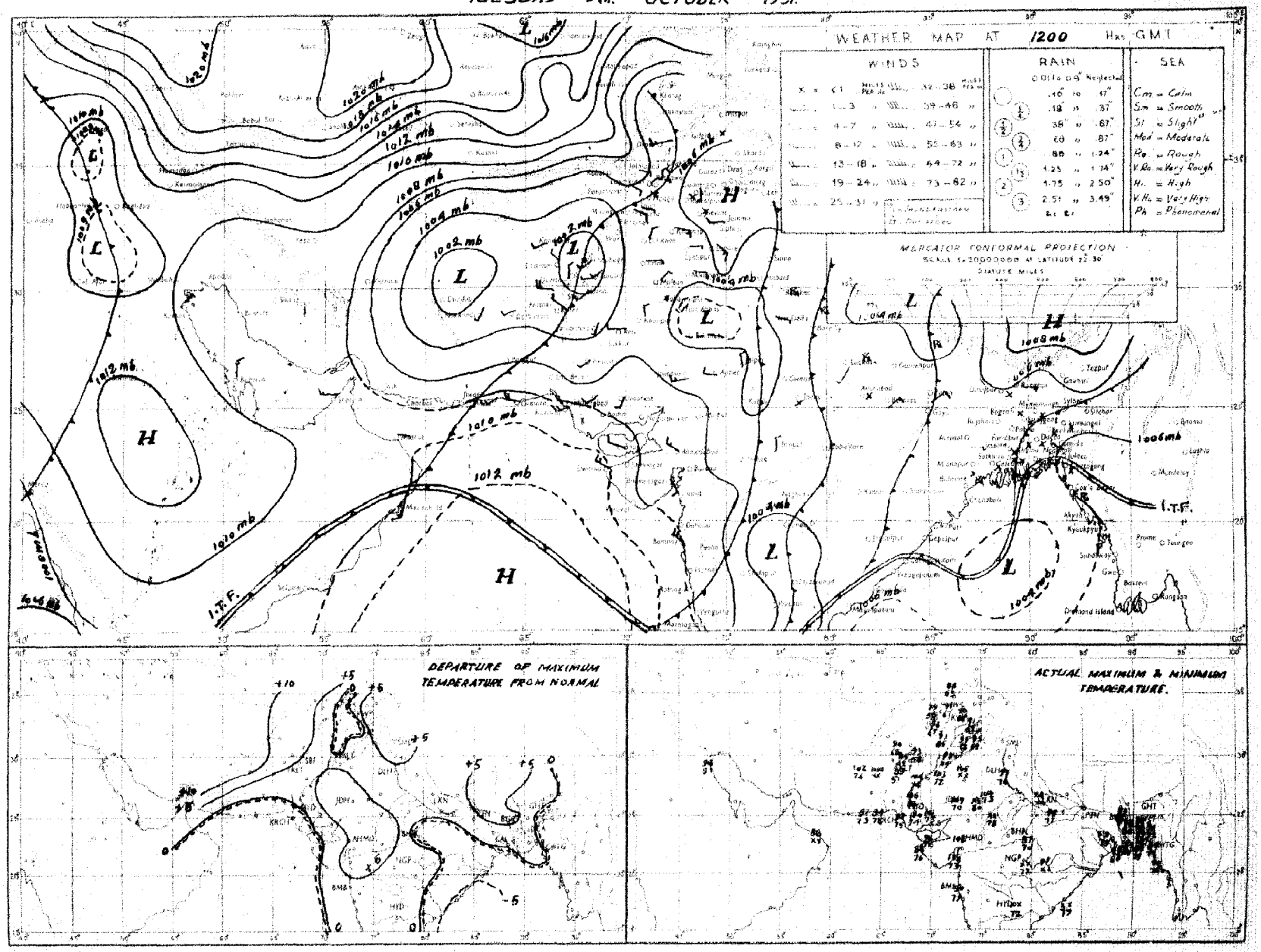
Cloud Observation Data (iiiGG Cddv. v_v)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are G.S. G.S. G.S. 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

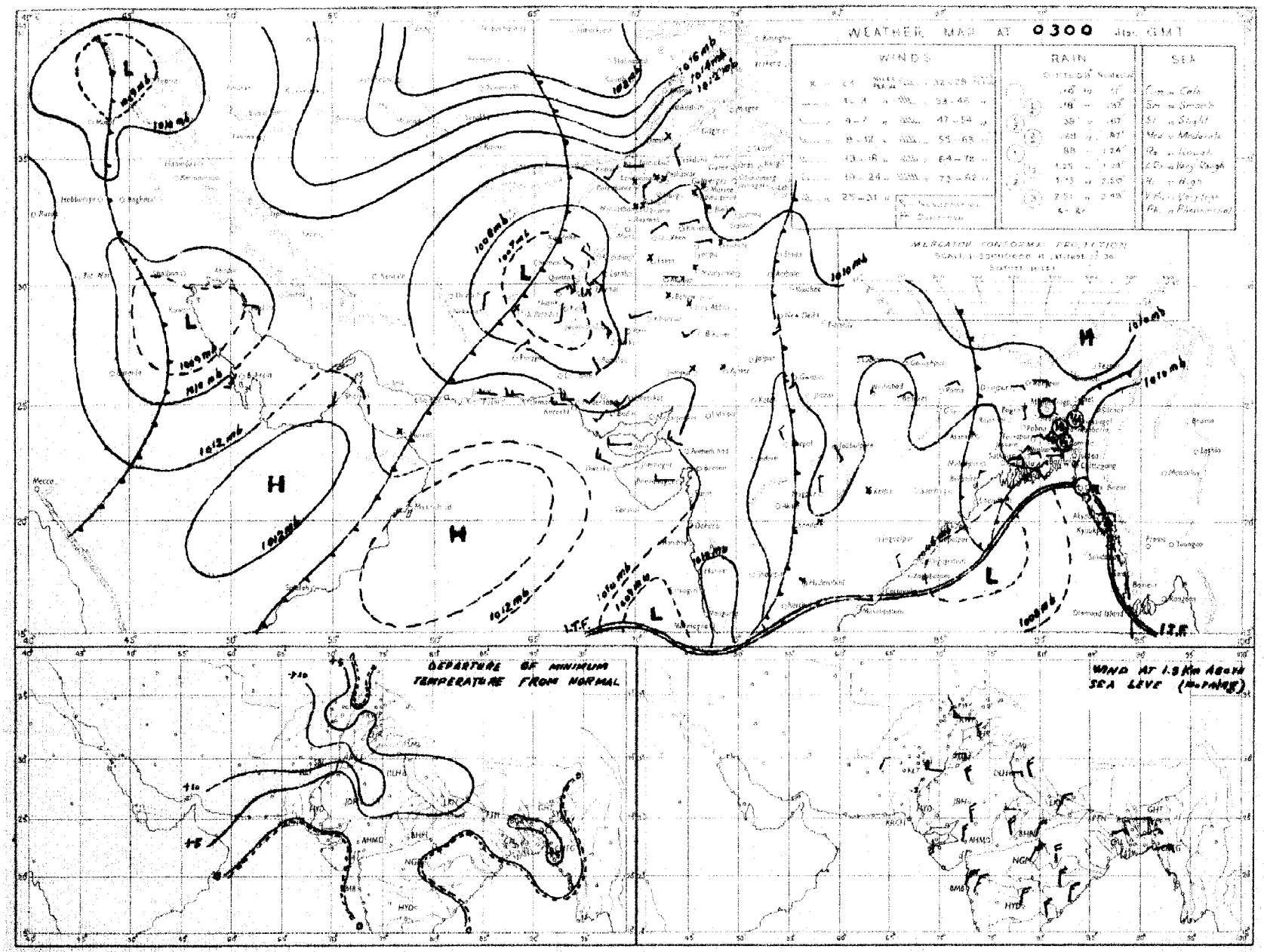
TUESDAY 9th. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 10th. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 11TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's marked trough of low in the north Bay of Bengal concentrated into a deepression which lies off Orissa Coast. It is likely to move inland in northnorthwesterly direction.

The low over Baluchistan persists.

The western disturbance over north Iraq moved away eastnortheastwards. Its associated secondary persists over west Persian Gulf. Fairly widespread rain and local thunderstorms have occurred in East Pakistan.

Chief amounts of rainfall are :—Barisal 1″; Khulna, Srimangal and Dinajpur ½″ each and Noakhali ¾″.

Day temperatures were markedly to considerably above normal in north Baluchistan.

Forecast valid until the evening of 12th :—Widespread and locally moderate to heavy rain will occur in East Pakistan. Scattered thunderstorms may also occur in the upper North-West Frontier Province and Kashmir.

Karachi-11.
The 11th October, 1951

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_HD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_HD_MT_nT_n$	T_xT_x	T_nT_n	Since 1st April 31 to date	Departure from normal	Since 1st Jan. 31 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29
EAST PAKISTAN	Cox's Bazar	000 74	8 11 03	96 02 1	067 83	2 2 6 4 0	8 × 0 91	000 78	5 18 03	96 17 9	102 84	6 9 6 0 0	4 × × 77	+ 4	+ 3	109.8	- 2.6	119.5	140
	Chittagong	000 84	6 ×× ××	97 02 9	062 84	1 2 6 9 0	4 × 9 89	000 78	5 ×× ××	97 02 1	101 82	3 0 7 9 8	0 9 9 76	+ 2	+ 2	102 6	+22.3	132 4	108
	Noakhali	000 73	6 18 02	95 03 0	××× 86	2 2 4 3 1	- - 83	000 75	6 00 00	96 02 1	××× 77	2 3 4 6 -	- - 76	+ 1	+ 1	—	—	—	115
	Comilla	000 77	4 05 05	98 02 1	053 85	4 × 7 0 0	- - - 90	018 77	3 18 05	98 01 1	100 82	8 4 7 0 0	6 0 0 75	+ 1	+ 1	117.7	+51.7	125.1	94
	Brahmanbaria	000 78	4 09 00	96 03 1	055 85	4 4 5 0 0	- - - 87	005 76	7 05 02	97 00 1	109 79	7 0 7 2 0	0 × 4 75	—	—	57 1	+ 5.6	60 9	78
	Dacca	××× 77	7 00 00	96 13 9	058 81	1 9 6 2 1	9 × × 88	××× 75	8 09 02	96 61 6	095 79	3 5 5 7 -	3 × × 76	—	—	—	—	—	—
	Narayanganj	000 76	8 25 02	96 03 2	049 83	0 0 9 0 6	9 0 × 80	007 75	8 07 03	94 03 6	096 82	8 5 6 - -	6 × × 76	0	0	65.7	+15.3	84.7	74
	Mymensingh	000 78	0 00 00	99 00 0	046 88	9 0 9 0 0	- 80	000 77	8 00 00	98 02 2	103 80	8 4 7 - -	- 77	+ 1	+ 2	47.6	- 8 1	55.7	81
	Srimangal	000 82	1 00 00	05 01 6	046 84	1 2 6 0 0	8 × × 90	009 73	8 09 02	96 08 9	115 76	4 6 6 - -	8 × × 74	- 1	+ 3	72.9	+11.2	100 0	98
	Khulna	000 75	4 11 02	97 01 0	062 88	4 8 8 0 0	- - - 89	087 77	8 09 03	96 03 5	096 79	8 7 7 -	- - - 77	+ 1	—	42.6	- 7.6	51.5	68
	Satkhira	000 83	8 13 02	97 03 1	061 84	6 9 7 6 0	- - - 80	065 77	8 05 03	96 03 6	079 80	6 9 6 6 0	- - 77	0	—	33 8	- 14.8	41.2	65
	Jessore	000 77	6 14 02	96 02 5	061 81	6 8 6 0 0	- - - 92	041 77	8 13 03	96 65 6	096 80	8 7 6 0 0	9 × × ××	—	—	22.8	- 12 6	39 9	62
	Faridpur	004 78	8 18 02	94 50 9	057 79	8 7 5 0 0	2 × × 80	004 77	8 11 02	94 50 5	106 78	8 7 5 0 0	9 × × 76	+ 1	+ 1	47.2	1.6	52.6	71
	Barisal	000 75	8 18 02	97 02 1	059 83	2 2 6 2 9	- - - 89	089 79	8 18 02	97 02 6	092 80	6 7 5 2 -	5 × × 76	+ 1	+ 1	57.2	- 1.6	57.9	81
	Pabna																		69
	Rampur Boalia																		56
	Sirajganj	000 79	8 00 00	96 02 2	049 83	8 2 6 0 0	- - - 88	000 77	8 00 00	98 02 2	100 80	8 2 6 0 0	- - - 77	—	+ 2	50.1	- 3.5	60.1	64
	Bogra	000 78	7 00 00	96 03 6	059 83	2 2 6 2 0	3 × 0 90	008 75	8 18 02	95 61 6	108 78	1 2 5 2 -	2 × 0 78	+ 1	+ 4	33.8	- 18 2	40.7	66
	Dinajpur	058 75	× 00 00	95 02 6	071 78	0 0 9 7 0	7 0 9 93	058 76	6 05 02	97 02 2	114 80	× 9 9 4 0	- - - 73	+ 4	- 1	42.9	- 14.9	47.2	71
	Rangpur	000 ××	8 09 02	96 02 1	— —	8 5 8 0 0	- - - —	000 ××	8 07 02	96 02 1	— —	8 5 8 0 0	- - - —	—	—	68.3	+ 4.0	77.6	86
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 65	0 00 00	96 00 0	056 94	0 0 9 0 0	- - - - 97	000 64	0 16 02	96 00 0	095 77	0 0 9 0 0	- - - 72	+ 2	+ 9	5.9	- 3.3	10.2	12
	Lahore	000 65	0 36 03	96 00 0	063 92	0 0 9 0 0	- - - 97	000 64	0 00 00	96 00 0	096 80	0 0 9 0 0	- - - 69	+ 2	+ 9	10.6	- 3.9	14.7	19
	Sialkot	000 73	0 00 00	97 00 0	057 90	0 0 9 0 0	- - - 95	000 65	0 05 02	97 00 0	113 77	0 0 9 0 0	- - - 73	+ 1	+ 9	18.8	- 9.9	18.7	32
	Jhelum	000 46	0 23 02	96 00 0	059 92	0 0 9 0 0	- - - 95	000 69	0 13 02	96 00 0	102 77	0 0 9 0 0	- - - 70	—	—	16.5	—	25.8	—
	Rawalpindi	000 84	0 00 00	99 00 0	063 87	0 0 9 0 0	- - - 92	000 64	0 00 00	98 00 0	099 75	0 0 9 0 0	- - - 60	+ 1	+11	14.9	- 8.9	25.7	36
	Murree †	000 50	0 27 02	97 00 0	977 64	0 0 9 0 0	- - - 69	000 49	0 31 03	98 00 0	995 61	0 0 9 0 0	- - - 55	+ 1	+ 5	22.4	14.1	44.0	59
	Attock	××× ××	0 09 00	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Khushab	000 62	0 16 06	97 00 0	057 95	0 0 9 0 0	- - - 98	000 65	0 23 02	97 00 0	101 80	0 0 9 0 0	- - - 72	+ 1	+ 7	3.1	- 7.3	8.0	15
	Montgomery	000 61	0 00 00	97 00 0	059 96	0 0 9 0 0	- - - 99	000 66	0 00 00	97 00 0	096 82	0 0 9 0 0	- - - 75	0	+ 10	2.5	- 5.0	6.1	10
	Leiah	000 92	0 04 02	97 00 0	050 00	0 0 9 0 0	- - - 04	000 79	0 03 00	97 00 0	101 84	0 3 9 6 0	- - 77	—	—	0.9	—	6.6	8
	Multan	000 62	0 15 02	97 00 0	056 98	0 0 9 0 0	- - - 00	000 63	0 18 02	97 00 0	100 84	0 0 9 0 0	- - - 79	+ 3	+ 15	3.8	- 1.1	6.9	7
	Khanpur	000 65	0 24 02	94 06 0	056 01	0 0 9 0 0	- - - 04	000 58	0 23 02	95 05 0	087 79	0 0 9 0 0	- - - 71	+ 6	—	0.3	- 4.5	1.9	6
	Bahawalpur	000 70	3 00 00	97 00 0	065 95	0 0 9 0 0	- - - 01	000 63	0 00 02	97 00 0	091 76	0 0 9 0 0	- - - 74	+ 4	—	1.9	2.3	5.0	6
	Fort Abbas	000 99	0 23 03	96 00 0	056 00	0 0 9 0 0	0 × × 04	000 73	0 23 02	96 00 0	097 80	0 0 9 0 0	0 × × 73	—	—	2.8	—	5.7	8
N. W. F. P.	Drosh *	000 52	4 25 10	98 02 1	949 81	4 2 7 0 0	6 × × 84	000 48	0 00 00	99 00 1	020 63	0 0 9 0 0	- - - 62	+ 4	+ 3	1.8	—	22.0	18
	Chakdara	000 62	0 24 02	99 00 0	056 85	0 0 9 0 0	- - 59	000 38	0 60 00	98 00 0	112 73	0 0 9 0 0	- - - 63	—	—	6.5	—	18.8	—
	Cherat *	000 57	0 16 07	97 00 0	979 77	0 0 9 0 0	- - - 82	000 60	3 16 02	97 01 0	065 69	0 0 9 0 1	0 0 × 64	+ 1	+ 5	6.0	- 6 2	28.0	29
	Peshawar	000 62	2 05 03	96 03 1	068 87	2 9 7 0 0	- - - 90	000 65	5 00 00	96 01 1	107 78	0 0 9 0 1	- - 71	1	+10	1.8	- 2.7	9.1	14
	Parachinar	000 46	3 13 02	98 01 1	975 76	2 1 8 3 0	4 - × 80	000 52	0 27 02	99 00 1	093 64	0 0 9 0 0	- - - 57	+ 4	+ 7	10.5	—	28.9	39
	Miranshah	000 58	0 11 05	98 02 4	960 87	0 0 9 0 0	- - - 89	000 56	0 09 02	98 26 0	087 74	0 0 9 0 0	- - - 70	—	—	3.5	- 1.2	10.5	12
	Bannu	000 60	0 13 02	9× 00 0	068 91	0 0 9 0 0	- - - 94	000 67	0 00 00	99 00 0	098 79	0 0 9 0 0	- - - 70	—	—	0.9	—	5.8	11
	D. I. Khan	000 69	0 00 00	96 00 0	051 96	0 0 9 0 0	- - - 97	000 65	0 00 00	96 00 0	109 76	0 0 9 0 0	- - - 65	+ 1	+ 2	1.1	- 4.4	2.3	9
	Wana																		11
	Landikotal	000 67	1 05 03	99 02 1	961 81	1 2 6 0 0	- - - 85	000 62	4 00 00	98 02 1	998 74	0 0 9 4 0	- - - 65	—	—	2.4	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	0 18 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 13 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 37	0 00 00	97 05 0	971 90	0 0 2 0 0	- - - 92	000 50	0 00 00	93 06 0	031 68	0 0 0 0 0	- - - 64	+ 7	+11	4.1	- 0.9	10 0	11
	Hindubagh	000 39	0 23 05	97 00 0	964 84	0 0 9 0 0	- - - 87	000 41	0 23 12	93 00 0	996 65	0 0 9 0 0	- - - 55	—	—	0.2	—	8.5	—
	Loralai	000 75	0 23 05	96 00 0	048 86	0 0 9 0 0	- - - 91	000 37	0 00 00	96 00 0	988 64	0 0 9 0 0	- - - 56	—	—	1.7	—	9.1	—
	Harnai (a)	000 ××	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —	—	—	2.0	- 5.5	10.6	14
	Sibi	000 48	0 23 00	99 00 0	981 04	0 0 9 0 0	- - - 05	000 54	0 00 00	99 00 0	085 80	0 0 9 0 0	- - - 65	—	—	2.2	—	2.5	5
	Quetta †	000 32	0 14 02	99 00 0	981 84	0 0 9 0 0	- - - 85	000 30	0 00 00	99 00 0	998 69	0 0 9 0 0	- - - 48	—	—	0.8	- 0.2	9.2	9
	Chaman	000 71	0 27 03	97 00 0	967 88	0 0 9 0 0	- - - 91	000 29	0 09 02	97 00 0	994 74	0 0 9 0 0	- - - 66	+10	+13	0	- 0.2	6.6	8
	Nushki	000 55	0 45 07	97 00 0	020 97	0 0 9 0 0	- - - 99	000 41	0 07 16	96 00 0	046 87	0 0 9 0 0	- - - 75	—	—	0	—	5.5	—
	Dalbandin *	000 47	0 13 04	98 00 0	968 98	0 0 9 0 0	- - - 00	000 41	0 00 00	98 00 0	995 70	0 0 9 0 0	- - - 62	+10	+ 11	0	- 0.8	1.8	4
	Nokkundi	000 71	0 11 02	99 00 0	016 02	0 0 9 0 0	- - - 04	000 38	0 34 02	99 00 0	082 77	0 0 9 0 0	- - - 75	—	—	0	—	0.9	3
	Kalat †	000 57	0 31 05	97 00 0	992 79	0 0 9 0 0	- - - 83	000 41	0 18 05	98 00 0	015 59	0 0 9 0 0	- - - 50	+ 6	+ 9	0.8	- 0.4	4.7	7
	Turbat	000 75	0 24 03	97 00 1	062 99	0 0 9 0 0	- - - 00	000 74	0 25 02	96 00 0	114 81	0 0 9 0 0	- - - 74	—	—	0	—	1.4	—
	Panjgur *	000 51	0 05 05	98 00 0	937 66	0 0 9 0 0	- - - 97	000 51	0 05 03	97 00 0	993 66	0 0 9 0 0	- - - 64	+10	+10	0	—	3.2	5
	Las Bela																		8
	Ormara	000 70	0 27 13	97 00 0	080 78	0 0 9 0 0	- - - 84	000 69	0 36 02	96 00 0	117 78	0 0 9 0 0	- - - 75	—	—	0.2	0 5	3 1	6
	Pasni	000 74	0 23 10	98 00 0	065 84	0 0 9 0 0	- - - 87	000 75	0 18 03	96 41 4	123 76	0 0 9 0 0	2 × × 73	- 4	+ 6	0.8	- 0 1	5.0	6
	Jiwani																		4
SIND	Rohri	000 84	0 27 05	96 00 0	056 04	0 0 9 0 0	- - - 08	000 67	0 18 03	96 00 0	096 78	0 0 9 0 0	- - - 71	—	—	1.7	—	2.2	—
	Jacobabad	000 67	0 13 07	97 00 0	045 98	0 0 9 0 0	- - - 00	000 64	0 31 03	96 00 0	091 76	0 0 9 0 0	- - - 73	0	+ 7	0.2	- 2.0	0.7	4
	Sukkur	000 73	0 ×× ××	98 00 0	046 97	0 0 9 0 0	- - - 02	000 68	0 00 00	98 00 0	081 76	0 0 9 0 0	- - - 72	—	—	0	—	1.0	4
	Pad Idan	000 48	0 16 05	97 00 0	047 06	0 0 9 0 0	- - - 08	000 65	0 00 00	99 00 0	086 75	0 0 9 0 0	- - - 69	—	—	0.8	—	0.9	—
	Karachi (*Manora*)	000 76	0 27 05	98 00 0	082 80	0 0 9 0 0	- - - 84	000 74	4 29 05	97 01 1	110 77	4 6 4 0 0	- - - 74	- 3	0	1.5	- 4.5	1 8	8
	Karachi (*A. P.*)	000 70	0 29 16	97 00 1	051 86	0 0 9 0 0	- - - 90	000 74	8 27 14	96 08 1	112 77	8 6 2 0 0	- - - 76	—	—	2.9	—	3.8	—
	Badin	000 69	0 23 05	97 00 0	076 94	0 0 9 0 0	- - - 98	000 74	0 25 05	97 00 0	108 79	0 0 9 0 0	- - - 73	+ 2	—	7.0	- 0.2	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 73	0 33 03	97 00 0	060 01	0 0 9 0 0	- - - 04	000 74	0 23 07	97 00 0	097 75	0 0 9 0 0	- - - 69	—	—	2.2	—	2.2	—
	Hyderabad	003 85	0 25 05	97 00 0	061 03	0 0 9 0 0	- - - 05	000 70	0 23 05	97 00 0	094 76	0 0 9 0 0	- - - 72	+ 5	+11	1.6	- 4.8	2.6	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul	000 48	2 03 03	98 01 1	099 76	1 1 8 4 0	- - - 82	000 35	1 25 02	98 01 8	021 59	0 0 9 0 0	- - - 51	—	—	0.7	—	10.5	12
	Jalalabad	000 51	1 05 02	97 01 1	991 90	0 0 9 7 0	2 × 9 91	000 59	1 27 02	97 01 1	100 68	0 0 9 1 6	2 × 9 65	—	—	0.5	—	4.9	—
	Kandahar	000 51	0 00 00	98 00 0	931 58	0 0 9 0 0	- - 97	000 54	0 00 00	97 00 0	970 59	0 0 9 0 0	- - - 51	—	—	0	—	10.3	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 11TH OCTOBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_SD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_SD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st June 52 to date	Departure from normal	Since 1st Jan. 52 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 74	0 09 02	97 00 0	087 87	8 0 9 0 0	- - - 22	000 78	0 31 02	97 00 0	198 86	0 0 9 0 0	- - - xx	+ 1	—	0	- 0.31	3.5	4
	Bhariab	000 xx	4 11 05	97 00 0	076 94	8 0 9 7 0	- - - 94	000 xx	0 09 02	97 00 0	089 86	0 0 9 0 0	- - - 02	—	—	0	—	1.5	4

* Barometer readings reduced to 1 geodynamic Kilometre (2,350-2,250 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049.-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 000 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	VQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	1$d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bharatranja	43 145	789 06	6 24 10	98 02 1	098 85	41 6 3x	—	—	—	—
Ismailia	43 173	706 06	6 22 13	98 01 0	118 80	x1 x 80	—	—	—	—
Daressa	43 217	691 06	0 22 13	97 01 1	129 80	00 9 00	3 5 110	—	0 05 77	—
Bharatraja	43 186	743 12	7 25 06	98 03 0	066 85	31 6 64	—	—	—	—
Karanja	43 238	662 18	0 26 18	98 02 2	110 80	00 9 00	5 6 305	—	0 00 73	1 26 33
Bharatraja	43 126	747 18	7 30 07	99 03 1	092 83	31 6 14	—	—	—	—
Ismailia	43 158	722 18	8 08 10	98 13 2	105 84	x1 x x7	—	—	—	—
Corfu	43 130	746 18	7 00 09	98 02 8	096 83	77 x 9x	7 6 309	—	0 51 76	—
Daressa	43 198	716 18	0 81 16	97 02 0	142 82	00 9 00	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—		iiGG		PoPoPoToTo		TdoTdoTxoX1X2			PrPrhrhrhr		TrTrTdrTdrTxr etc.				5555	hrhrPrPrPr		TrTrTdrTdrTxr etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 18	008 20	283 60	000 30	252 31	854 99	259 24	700 43	110 14	509 34	559 90	361 79	649 91	555 55	079 81	222 11	869 25	280 64	833 00	270 14	675 69	200 31	466 60	035 22	635 69

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ††										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ††						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ††							
	1	2	3	4	5	10	15	20	25	30	3	7	8	9	8	10	1	2	3	5	7	10	15	20
	2	5	4	5	6	7	8	9	12	11	12	13	14	15	16	17	12	19	26	21	22	23	24	25
Bogra	10 86	11 06	09 06	08 07	10 07	—	—	—	—	—	16 13	16 10	16 12	15 12	—	—	—	—	—	—	No ascent		—	
Dhaka	28 15	26 17	26 13	23 15	21 12	09 08	08 15	02 17	26 07	31 05	—	—	—	—	—	—	26 23	26 22	28 21	23 07	14 03	10 06	06 12	10 20
Chittagong	20 07	18 13	18 17	17 84	17 27	—	—	—	—	—	15 17	11 27	—	—	—	—	14 09	16 25	17 24	16 20	11 26	19 20	18 16	18 16
Cox's Bazar	15 13	14 11	14 16	—	—	—	—	—	—	—	15 17	14 21	14 26	—	—	—	14 21	15 24	17 28	17 28	17 26	—	—	—
Dacca	12 07	12 04	16 03	15 19	15 18	15 15	12 09	16 04	21 11	—	—	No	ascent	—	—	—	12 17	13 22	13 23	14 18	15 17	18 18	—	—
Balbandit	—	—	20 01	17 03	24 08	04 08	08 01	17 08	27 07	27 29	—	—	27 03	27 10	26 09	27 04	—	—	08 01	22 06	25 11	19 16	01 08	26 11
Drosh	—	—	—	—	21 02	20 08	19 03	29 30	—	—	—	—	—	09 01	14 01	04 04	—	—	—	—	01 03	02 06	01 16	31 21
Fort Sandeman	—	—	—	26 01	21 02	26 09	27 16	31 20	—	—	—	—	—	07 07	31 02	31 17	—	—	—	26 01	16 04	11 14	27 16	25 22
Jacobabad	17 05	18 04	28 03	21 04	27 05	31 04	25 04	31 04	24 05	20 16	09 06	13 06	22 09	24 11	28 08	24 03	13 01	24 01	24 03	21 06	28 09	26 02	09 06	31 30
Sheikhupura	26 01	31 02	22 09	32 04	29 12	31 16	29 26	31 27	—	—	25 03	30 11	31 12	32 16	33 12	32 16	02 05	30 06	30 11	31 15	30 13	31 07	31 31	29 32
Fiwala	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	27 16	26 12	25 11	18 17	12 16	07 17	01 12	01 08	26 05	27 12	27 24	26 14	22 12	17 12	15 12	09 11	30 15	30 14	27 15	32 14	16 14	11 18	08 25	12 14
Khanpur	05 02	25 03	27 05	26 12	28 15	29 19	27 08	02 17	—	—	—	—	—	—	—	—	28 04	28 07	27 14	27 16	30 24	20 03	05 30	—
Lahore	36 03	35 08	34 03	23 05	31 08	31 13	30 23	30 21	32 36	30 43	35 09	35 19	33 10	36 10	34 10	34 13	33 07	33 06	34 07	34 09	33 08	31 13	32 21	—
Multan	05 03	08 04	10 04	17 01	32 06	28 11	26 15	24 35	—	—	13 03	15 06	18 08	24 10	25 15	27 02	18 10	14 13	15 11	26 04	29 10	27 11	28 01	28 18
Peshawar	—	08 03	12 02	21 04	28 12	28 26	31 28	28 21	29 51	27 50	—	33 02	35 03	18 03	27 08	31 13	—	35 02	01 04	26 04	32 03	30 08	28 04	26 11
Quetta					35 13	31 07	30 10	30 13	27 16	27 43	—	—	—	—	32 11	30 10	—	—	—	—	14 06	26 07	24 15	26 13
Bushire						—					—	—			—							—		—
Shahjahanian						—																—		

Cloud Observation Data (iiiGG Cddv. v.)

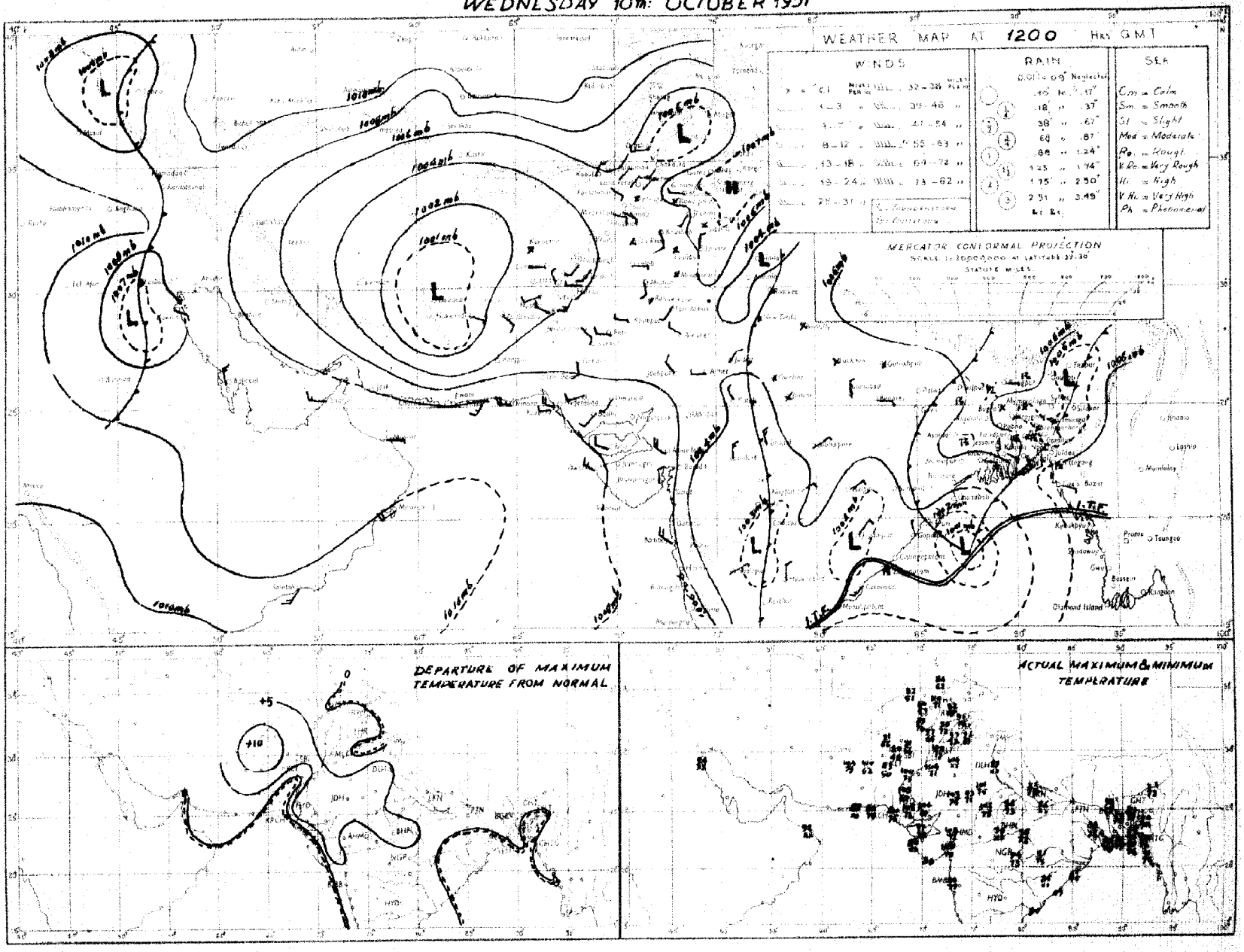
ForSandeman 82002 12524

† Wind directions are expressed in tens of degrees counting from North through East and speed in knots
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.5, 2.1, 3.0 4.0 6.0, 7.0, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

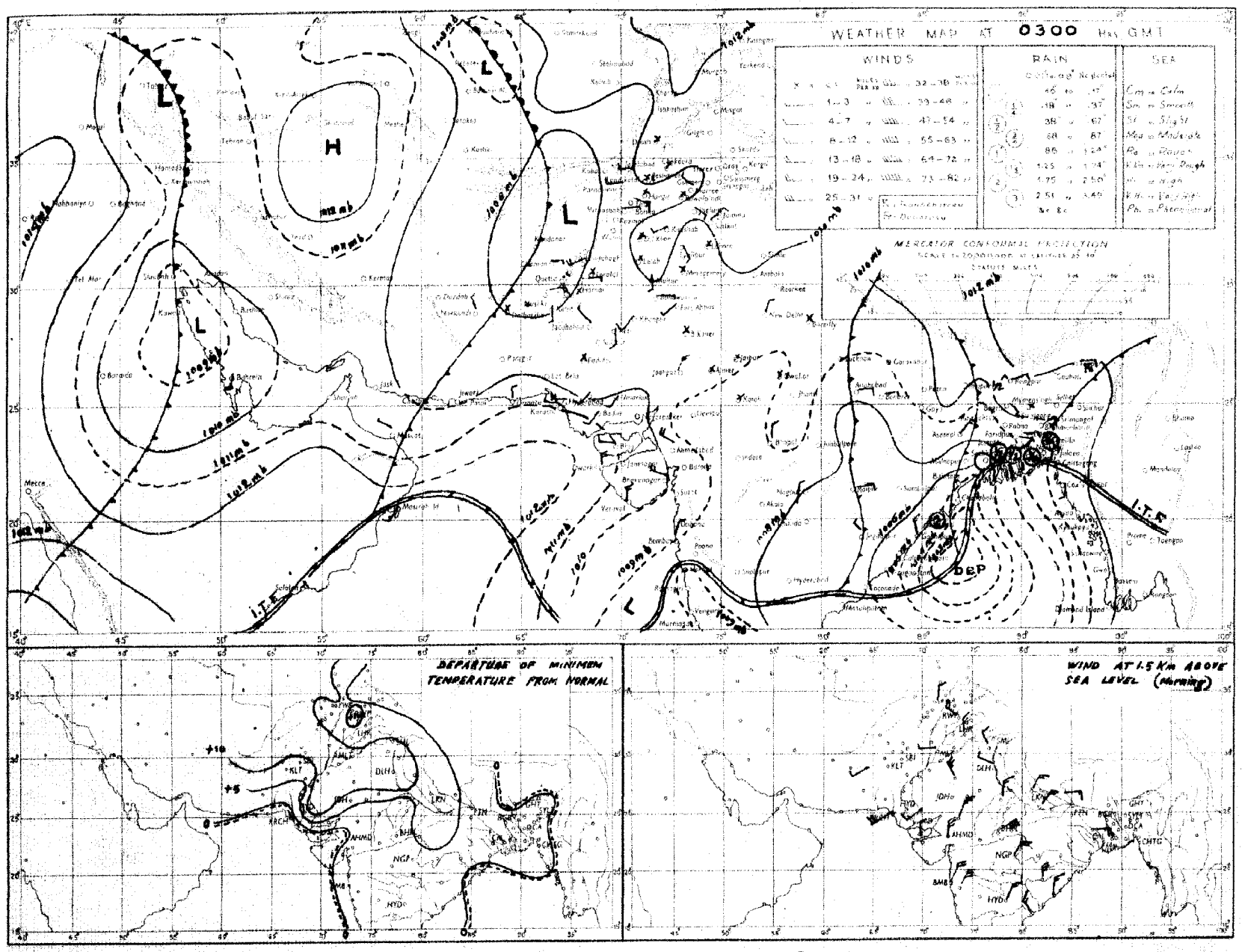
WEDNESDAY 10th: OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 11th. OCTOBER



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 12TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's depression off Orissa Coast moved inland and now lies as a low over Orissa and adjoining Central Provinces. A western disturbance is approaching the North-West Frontier Province. Its secondary lies over Baluchistan. The secondary low over Persian Gulf persists. It is likely to move eastnortheastwards.

Fairly widespread rain with scattered thunderstorms have occurred in East Pakistan. Scattered thunderstorms have also been reported from the upper northwest frontier Province.

Chief amounts of rainfall are :—Brahmanbaria, Jessore 2" each, Comilla, Noakhali, Khulna and Barisal ½" each and Faridpur, Sirajganj, and Bogra ½" each.

Day temperatures were appreciably to markedly above normal over West Pakistan outside West Baluchistan and Sind Coast and appreciably to markedly below normal over East Pakistan.

Forecast valid until the evening of 13th :—Fairly widespread rain will occur in East Pakistan. Local thunderstorms/showers will also occur in the North-West Frontier Province and Kashmir and scattered in the extreme north Punjab. Morning mist/fog is also likely along Mekran Coast.

Karachi-11.
The 12th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_tD_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date: $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_tD_HD_MT_nT_n$	Departure from Normal: T_xT_x	T_nT_n	Rainfall: Since 1st April 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29
EAST PAKISTAN	Cox's Bazar	000 75	6 18 03	96 02 9	090 73	3 2 6 0 1	- × - 66	000 75	1 00 00	97 61 1	134 87	1 3 6 8 2	- × × 75	- 2	+ 1	169 8	- 2.8	119.5	140
	Chittagong	010 76	6 16 02	96 02 1	086 82	1 3 0 9 9	5 9 9 85	010 71	4 ×× ××	97 02 1	116 86	2 1 6 9 0	- 9 75	- 2	+ 1	102 7	+ 22 2	132 6	108
	Noakhali	050 75	8 14 05	95 03 6	××× 77	4 9 2 8	53	050 74	4 00 00	96 00 0	××× 79	2 1 4 3	- - × 77	- 4	+ 2	—	—	—	115
	Comilla	012 77	8 00 00	98 03 6	090 80	8 5 7	2 - 80	065 78	2 13 05	98 01 1	130 83	0 0 9 0 9	- - ××	—	—	118 8	+52 1	125 7	94
	Brahmanbaria	246 74	8 09 00	96 03 6	058 75	8 8 4	4 85	246 76	8 09 02	97 01 1	128 83	0 0 9 0 9	- 6 - 76	—	—	69 5	+ 7 0	69 4	78
	Dacca	× × 78	8 00 00	96 61 9	076 79	3 7 4 2 -	2 × × 86	××× 79	7 09 02	97 01 4	118 82	6 8 4 3 0	- - × 76			—		—	—
	Narayanganj	005 76	8 03 02	92 03 5	073 80	0 0 9 0 7	5 × 84	005 77	7 13 93	94 03 6	113 87	7 4 5	9 - - 78	- 5	+ 2	65 8	+ 15 2	84 7	74
	Mymensingh	000 79	9 09 02	98 02 2	105 83	8 4 7 -	- - - 87	000 77	0 09 02	99 02 2	120 80	8 4 7	- 76	- 1		47 6	- 13.8	55 7	91
	Srimangal	043 76	8 18 02	92 61 6	100 77	5 5 5 - -	4 - - 86	051 77	6 00 00	97 02 8	134 79	4 4 6 3 0	9 6 5 75	4	+ 4	73.4	+11 4	100 5	98
	Khulna	058 77	8 11 02	96 03 6	069 77	8 7 7 - -	6 - - 84	058 78	5 11 02	97 00 0	118 82	5 4 7 0 0	- 77	—	—	43 3	- 7 5	52.1	69
	Satkhira																		65
	Jessore	169 77	8 08 02	95 03 6	064 78	8 8 6	2 - - 84	196 70	5 13 05	96 02 1	116 82	5 8 6 0 0	- - - 75	—	-	34.8	10.8	41 9	65
	Faridpur	030 77	8 16 02	94 50 9	062 78	8 7 5	4 - 78	027 78	6 16 02	96 03 1	112 83	4 5 6 1 0	5 - × 77	- 9					71
	Barisal	030 79	8 05 05	97 03 6	078 80	5 9 5 2 8	7 × × 82	049 79	8 13 08	96 02 6	113 82	6 7 5	9 - 77	- 6	+ 2	57.7	- 1.0	68 3	83
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	020 77	8 00 00	92 50 5	063 80	8 7 6 - -	1 - 67	029 77	8 09 02	93 02 2	110 81	8 2 7 -	5 - - 73	—	+ 3	50 4	+ 8 4	60 4	64
	Bogra	030 79	8 00 02	96 21 6	079 81	3 7 5 2 -	6 - 0 85	034 77	8 09 02	94 61 6	118 76	5 7 5 2 -	- - × 76	3	0	34 2	18 2	41 0	69
	Dinajpur	000 78	7 00 00	96 02 2	056 84	0 0 9 5 0	- - - 60	000 77	9 00 00	97 02 2	123 81	7 8 7 0 0	- - - 78	9	+ 4	42.9	15.2	47.2	71
	Rangpur	000 ××	8 02 02	96 02 1	— —	3 1 6 0 0	- - - —	000 ××	8 07 02	96 02 1	— —	8 5 8	- - - ××	—	—	68 3	+ 3 8	77 6	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Mingar																		—
	Alinad																		—
PUNJAB	Lyallpur	000 67	0 00 00	96 00 0	065 96	0 0 9 0 0	- - - 99	000 67	0 00 00	96 00 0	109 77	0 0 9 0 0	- - - 72	+ 5	+10	5.9	- 2 2	10 2	11
	Lahore	000 65	0 00 00	97 00 0	063 95	0 0 9 0 0	- - - 98	000 67	0 00 00	95 05 0	146 82	0 0 9 0 0	- - - 72	+ 2	+12	10 6	3 9	14 7	19
	Sialkot	000 68	0 00 00	97 00 0	062 91	0 0 9 0 0	- - - 98	000 67	0 05 04	97 00 0	103 75	0 0 9 0 0	- - - 69	+ 3	+ 5	13.8	2.9	15 7	32
	Jhelum	000 65	0 00 00	96 00 0	054 94	0 0 9 0 0	- - - 97	000 68	0 13 02	96 00 0	108 79	0 0 9 0 0	- - 70	—		16.5		25 8	—
	Rawalpindi	000 39	0 00 00	99 00 0	062 89	0 0 9 0 0	- - - 94	000 59	0 00 00	99 00 1	106 76	0 0 9 0 0	- - - 72	+ 4	+14	14 0	6.9	25 7	34
	Murree †	000 62	6 00 00	95 02 1	980 67	0 0 9 4 0	5 × 5 73	000 42	0 31 02	93 00 1	999 66	0 0 9 0 0	- - - 58	+ 6	+ 8	22 4	14 1	44 0	59
	Attock	××× ××	7 02 02	96 00 2	—	7 0 5 2 0	1 0 7 —	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - ××					—	—
	Khushab	000 61	0 16 05	98 03 1	050 00	0 0 9 0 0	00	000 62	0 23 02	97 00 0	101 82	0 0 9 0 0	- - - 73	+ 5	+ 8	3 0	- 7 2	8.0	15
	Montgomery	000 62	0 00 00	97 00 0	054 91	0 0 9 0 0	- - - 01	000 67	0 00 00	97 00 0	102 85	0 0 9 0 0	- - - 74	+ 2	+ 9	2 5	- 5 0	6.1	10
	Leiah	000 98	0 13 02	97 00 0	050 01	0 0 9 0 0	- - - 02	000 70	0 03 00	97 00 0	102 85	0 0 9 0 0	- - 76			0.9		4 6	8
	Multan	000 59	0 16 02	97 00 0	054 00	0 0 9 0 0	- - - 03	000 59	0 18 06	96 00 0	106 85	0 0 9 0 0	- - - 60	+ 8	+ 16	3 8	- 1 1	4 9	7
	Khanpur	000 63	0 31 02	95 15 0	054 02	0 0 9 0 0	- - - 05	000 62	0 36 02	95 05 0	061 75	0 0 9 0 0	××× ××	—		0 2	4 5	1 9	6
	Bahawalpur	000 66	5 00 00	97 00 0	061 97	0 0 9 0 0	- - - 04	000 64	0 00 00	97 00 0	108 77	0 0 9 0 0	- - - 75	—	—	1.9	2 2	5 0	6
	Fort Abbas	000 94	0 23 03	96 00 0	057 06	0 0 9 0 0	- - 05												5
N. W. F. P.	Drosh *	000 42	8 25 02	98 02 1	956 81	5 5 6 3	6 × 9 37	002 50	7 00 00	98 03 9	012 60	0 0 9 4 0	9 - 6 59	+ 9	+ 5	1 8		22 0	18
	Chakdara	000 64	4 27 02	99 03 1	054 85	4 5 6 0 0	1 × × 92	000 53	0 20 02	98 00 0	117 73	0 0 9 0 0	64			6 5	—	16 8	—
	Cherat *	000 57	7 18 05	97 03 1	981 68	0 0 9 9 0	2 × 7 84	000 46	0 36 12	97 00 0	006 71	0 0 9 0 0	- - - 71	+ 5	+13	6 0	- 6 2	28 0	29
	Peshawar	000 64	7 36 05	96 07 9	972 85	6 0 6 2 0	1 × × 92	000 57	2 18 02	97 03 9	112 79	0 0 9 0 1	- × 70	+ 3	+ 9	1.8	- 2.7	9 1	14
	Parachinar	009 54	7 02 02	96 09 9	995 67	2 5 5 6 0	3 × 0 60	009 49	2 00 00	99 01 9	003 64	0 0 9 3 0	9 6 56	+ 5	+ 6	10 5		28.0	32
	Kiramshah	000 60	3 07 03	98 26 4	961 87	3 2 9 4 5	- 90	000 61	0 00 00	94 02 4	933 77	0 0 9 0 0	- - - 72	—	—	2.6	1 2	10 5	13
	Bannu	000 77	2 09 02	96 03 0	043 91	0 0 9 0 2	- - 95	000 66	0 07 02	90 00 0	××× 75	0 0 9 0 0	- - - 72	—	—	0.9		5 6	11
	D. I. Khan	000 60	0 00 00	96 00 0	049 98	0 0 9 0 0	- - 04	000 67	0 00 00	96 00 0	114 76	0 0 9 0 0	- - - 65	+ 5	+ 2	1 1	4 4	2.3	9
	Wana																		11
	Landikotal	000 67	8 13 2	98 60 2	979 79	8 7 5	- - - 86	000 54	1 00 00	98 02 1	000 70	0 0 9 4 0	- - × 59		—	2 4		12 0	—
	Hangu	××× ×	0 00 00	97 00 0	—	0 0 9 0 0	- - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - ××	—	—		—	—	—
	Thal	××× ××	0 23 00	99 00 0	— -	0 0 9 0 0	- - —							—					—
BALUCHISTAN	Fort Sandeman	000 31	0 23 02	96 05 1	974 80	0 0 9 0 0	1 × × 92	000 63	9 00 00	93 06 4	017 71	9 - ×	- - - 63	+10	+12	4.1	- 0.9	10 0	11
	Hindubagh	000 39	1 23 05	97 01 1	969 88	1 1 8 0 0	7 × × 87	000 43	1 13 05	94 03 0	010 67	0 0 9 0 6	3 × 0 53			0.2	—	8.5	-
	Loralai	000 77	0 18 02	96 00 0	058 85	0 0 9 0 0	- - 90	000 47	0 23 09	96 00 0	011 64	0 0 9 0 0	- - - 57	—	—	1.7	—	8 1	—
	Hatsai (a)	000 ××	0 27 02	95 00 0	— —	0 0 9 0 0	- —	000 ××	0 27 05	96 00 0	—	0 0 9 0 0	- - - —			2 0	- 5.5	10.6	14
	Sibi	000 42	0 18 05	93 00 0	989 04	0 0 9 0 0	- - - 06	000 56	0 00 00	94 00 0	089 80	0 0 9 0 0	- - - 65	—	—	2.2	—	3 8	5
	Quetta †	000 35	0 02 02	99 00 0	980 85	0 0 9 0 0	- - - 86	000 41	2 05 04	98 01 0	001 65	0 0 9 0 1	- × 51	—	—	0.6	- 0 3	9.2	5
	Chaman	000 73	0 23 02	97 00 0	96 83	0 0 9 0 0	- - - 92	000 35	0 18 02	97 00 0	005 73	0 0 9 0 0	- - - 89	+13	+16	0	- 0.2	9.6	6
	Nushki	000 87	0 31 14	97 00 0	020 96	0 0 9 0 0	- - - 00	000 43	0 11 01	96 00 0	054 88	0 0 9 0 0	- - - 77			0	—	3 5	-
	Dalbandin *	000 33	0 23 02	98 00 0	065 98	0 0 9 0 0	- 00	000 35	0 00 00	98 00 0	095 70	0 0 9 0 0	- - - 63	+ 1	+ 13	0	- 0.3	1.8	4
	Nokkundi	000 71	0 16 02	99 00 0	015 01	0 0 9 0 0	0 0 × 03	000 49	2 05 02	99 03 0	090 76	0 0 9 0 1	- × - 71			0	—	0.9	2
	Kalat †	000 59	0 05 04	98 00 0	994 82	0 0 9 0 0	- - - 82	000 44	0 19 05	98 00 0	020 57	0 0 9 0 0	- - - 51	+ 8	+10	0.8	- 0 4	4.7	7
	Turbat	000 74	0 20 05	97 00 0	096 98	0 0 9 0 0	- - 91	000 64	0 12 02	96 00 0	112 80	0 0 9 0 0	- - - 70	—	—	0		1 4	—
	Panjgur *	000 82	0 27 02	97 00 0	970 92	0 0 9 0 0	- - - 98	000 51	0 05 03	97 00 0	003 66	0 0 9 0 0	- - - 60	+ 8	+ 6	0	—	3 2	5
	Las Bela	000 63	0 16 06	99 00 0	078 02	0 0 9 0 0	- - - 06	000 73	0 00 09	99 00 0	113 80	0 0 9 0 0	- - - 71	—	—	1 6	—	1.7	8
	Ormara	000 71	0 00 00	98 00 0	084 88	0 0 9 0 0	- - - 06	000 71	0 27 09	96 00 0	121 77	0 0 9 0 0	- - - 76	—	—	0.3	0 5	3 0	6
	Pasni	000 74	0 23 09	98 00 0	059 84	0 0 9 0 0	- - - 88	000 71	0 27 03	96 00 0	125 73	0 0 9 0 0	- - - 68	- 4	+ 1	0.8	0 1	5.0	6
	Jiwani																		4
SIND	Reti	000 95	0 27 02	98 00 0	055 05	0 0 9 0 0	- - - 07	000 61	0 00 09	98 00 0	107 75	0 0 9 0 0	- - - 67	—	—	1.7	—	2.2	—
	Jacobabad	000 81	0 16 03	97 00 0	049 00	0 0 9 0 0	- - - 02	000 56	0 16 03	96 00 0	091 80	0 0 9 0 0	- - - 72	+ 4	+ 6	0.2	2.0	0.7	4
	Sukkur	000 72	0 ×× ××	96 00 0	050 98	0 0 9 0 0	- - - 06	000 65	0 00 00	96 00 0	092 79	0 0 9 0 0	- - - 75	—	—	0.5	—	1.0	4
	Padidan	000 46	0 27 05	98 00 0	052 06	0 0 9 0 0	- - - 07	000 51	0 00 00	97 00 0	093 80	0 0 9 0 0	- - - 71	—	—	0.8	—	0.9	—
	Karachi (Manora)	000 76	0 25 13	98 00 0	052 80	0 0 9 0 0	- - - 73	000 70	0 27 05	98 00 0	109 76	0 0 9 0 0	- - - 73	- 6	- 1	1.5	- 4.5	1 0	8
	Karachi (A. P.)	000 71	0 27 10	97 00 1	080 92	0 0 9 0 0	- - - 07	000 71	0 27 07	96 00 0	109 76	0 0 9 0 0	- - - 73	—	—	2 9		3.0	
	Badin	000 54	0 28 07	97 00 0	059 99	0 0 9 0 0	- - - 04	000 71	0 27 05	97 00 0	103 77	0 0 9 0 0	- - - 71	—	—	7.0	- 0.2	7.0	8
	Nagarparkar																		
	Chhor (Umarkot)	000 71	0 00 00	97 00 0	056 08	0 0 9 0 0	- - - 06	000 59	9 00 00	97 00 0	093 80	0 0 9 0 0	- - - 70	—	—	2.3	—	2.3	
	Hyderabad	003 53	0 28 05	97 00 0	078 04	0 0 9 0 0	- - - 08	000 62	0 25 03	97 00 0	096 78	0 0 9 0 0	- - - 71	+ 9	—	1.8	- 4.8	2.6	7
JUNAGADH	Veraval																		24
AFGHANISTAN	Kabul	000 44	8 03 02	98 02 8	071 73	2 7 8 2 4	2 2 8 80	000 46	1 13 02	97 01 5	100 70	0 0 9 7 0	2 - 9 55	—	—	0.5	—	6.9	12
	Jalalabad	007 64	7 00 00	96 02 0	994 87	0 0 9 2 0	2 × 0 93							—					—
	Kandahar	000 62	2 00 00	98 01 1	034 56	0 0 9 0 2	- × 96							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 12TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Actual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Lat.	Charba:																		
	Jacc.																		
	Mapped																		
	Bushire																		
Arabia	Muscat	000 78	0 09 02	97 00 0	087 88	0 0 0 0 0	- - - 89	000 77	0 00 00	97 00 0	117 87	0 0 0 0 0	- - - xx	- - 1	—	0	- 0.1	3.3	4
	Sharjah																		4
	Kuwait	000 xx	0 09 05	97 00 0	078 90	0 0 0 0 0	- - - 00	000 xx	0 36 05	97 00 0	192 80	0 0 0 0 0	- - - 78	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre 2,350-3,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre 6,599-6,718 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049,-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 000 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	1d$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Karanja	53 210	642 06	3 29 12	99 02 0	140 81	31 6 08	5 6 015	—	9 51 89	1 29 23
Oorfu	53 183	753 06	6 32 05	98.01 1	098 87	11 x 02	—	8 6 306	0 05 76	—
Imalia	53 182	630 06	6 27 06	98 01 0	108 85	>7 x 08	—	—	—	—
Bharatranja	53 187	755 06	6 30 08	98 03 2	091 84	62 5 64	—	—	—	—
Shwedagon	52 225	698 06	0 31 18	97 02 0	121 xx	00 9 00	—	—	—	—
City of Evensvilly	53 187	712 06	6 34 13	99 00 2	117 97	00 9 30	3 4 329	—	9 09 54	1 28 42
Shwedagon	53 228	678 12	0 32 09	98 02 0	087 xx	00 9 00	—	—	—	—
Dwarka	53 190	727 12	3 32 14	99 02 0	057 86	00 9 31	7 4 309	—	9 04 51	—
Bharatraja	52 088	764 18	4 29 12	95 02 1	101 82	31 6 3x	—	—	—	—
City of Evansvilla	52 150	754 18	6 29 09	99 02 2	092 82	00 9 30	3 4 315	8 6 466	0 51 77	1 29 42
Bharatraja	53 096	740 12	6 25 05	97 25 2	071 84	53 6 69	—	—	—	—
Oorfu	52 180	723 12	7 33 07	98 01 1	062 84	11 x 04	—	8 6 305	0 05 77	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day..

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1hrh1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karach.	780 14	007 27	139 60	000 28	271 75	855 01	240 84	700 48	115 21
	509 46	519 94	362 07	819 94	555 55	169 55	812 31	349 09	270 97
	678 00	200 37	208 66	035 32	466 00	066 17	524 00		

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	7	8	9	10	11	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 12	13	14	15	16	17	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 18	19	20	21	22	23	24	25	26
Bogra	08 88	09 10	11 11	—	—	—	—	—	—	—	—	14 13	15 10	16 11	17 11	—	—	10 09	12 10	13 09	—	—	—	—	—	—
Chhor	26 13	29 11	27 10	21 06	25 02	08 07	07 15	09 09	21 09	25 21	—	—	—	—	—	—	—	25 13	29 19	30 17	21 07	02 07	08 03	11 51	10 13
Chittagong	13 16	15 19	16 20	—	—	—	—	—	—	—	—	15 19	16 19	16 17	17 12	17 13	17 10	14 06	17 13	17 16	17 13	17 13	18 12	19 13	23 05
Ora's Bazar	17 19	17 21	19 23	19 25	19 19	—	—	—	—	—	—	15 17	15 13	17 15	16 20	16 23	—	16 15	16 17	17 17	16 10	16 10	17 08	21 04	18 04
Dacca	14 12	14 17	14 13	—	—	—	—	—	—	—	—	15 14	—	—	—	—	—	15 08	—	—	—	—	—	—	—
Dalbandin	—	—	19 02	22 03	21 01	11 05	24 08	27 13	26 20	27 21	—	—	—	25 02	24 10	19 07	19 04	—	—	22 03	22 08	23 08	22 08	24 38	—
Drosh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10 03	29 05	01 03	—	—	—	—	01 02	04 06	20 10	21 19
Fort Sandeman	—	—	—	28 08	23 04	27 07	28 17	36 20	27 29	—	—	—	—	—	08 05	02 07	32 14	—	—	—	26 01	02 01	22 06	28 17	27 31
Sukkur	04 03	06 01	25 03	26 07	28 01	35 04	18 06	28 07	—	—	—	22 11	34 08	24 10	23 09	19 04	02 09	24 09	20 05	23 07	23 05	22 06	06 07	15 10	—
Jacobabad	15 01	31 05	31 09	31 11	28 11	29 08	29 10	25 20	27 26	—	—	28 08	31 12	31 14	32 13	13 12	32 07	11 07	32 05	31 07	31 16	22 16	31 14	34 18	—
Siwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	29 15	28 12	27 11	24 12	20 18	15 16	06 24	14 17	17 08	26 08	—	30 18	31 17	30 17	27 16	25 22	—	31 17	31 18	29 17	27 15	—	—	—	—
Khanpur	33 02	01 02	27 05	29 09	30 07	21 04	02 02	27 10	—	—	—	27 08	25 11	22 08	22 08	08 03	04 10	33 03	28 16	27 16	27 11	01 03	—	—	—
Lahore	31 05	30 05	31 06	33 18	29 10	30 13	32 16	30 23	—	—	—	34 10	37 11	30 10	36 11	34 14	34 12	35 04	30 11	31 12	32 09	33 10	30 12	33 21	—
Multan	13 02	13 03	14 03	27 03	34 09	24 10	27 11	28 19	32 18	—	—	11 10	14 07	19 04	26 10	25 09	35 06	18 17	15 13	17 07	34 03	30 10	39 11	01 08	—
Peshawar		05 04	07 01	21 02	21 04	20 07	25 10	27 24	27 35	30 33	—	—	33 07	33 08	29 05	32 12	29 13	—	36 02	35 04	33 09	31 15	26 07	17 09	28 25
Quetta					30 02	29 07	30 10	34 20	—	—	—				—	35 03	37 04	—	—	—	—	17 06	32 09	32 07	37 31
Bushire						—			—			—	—			—				—			—	—	—
Shahjahanpur						—			—														—		

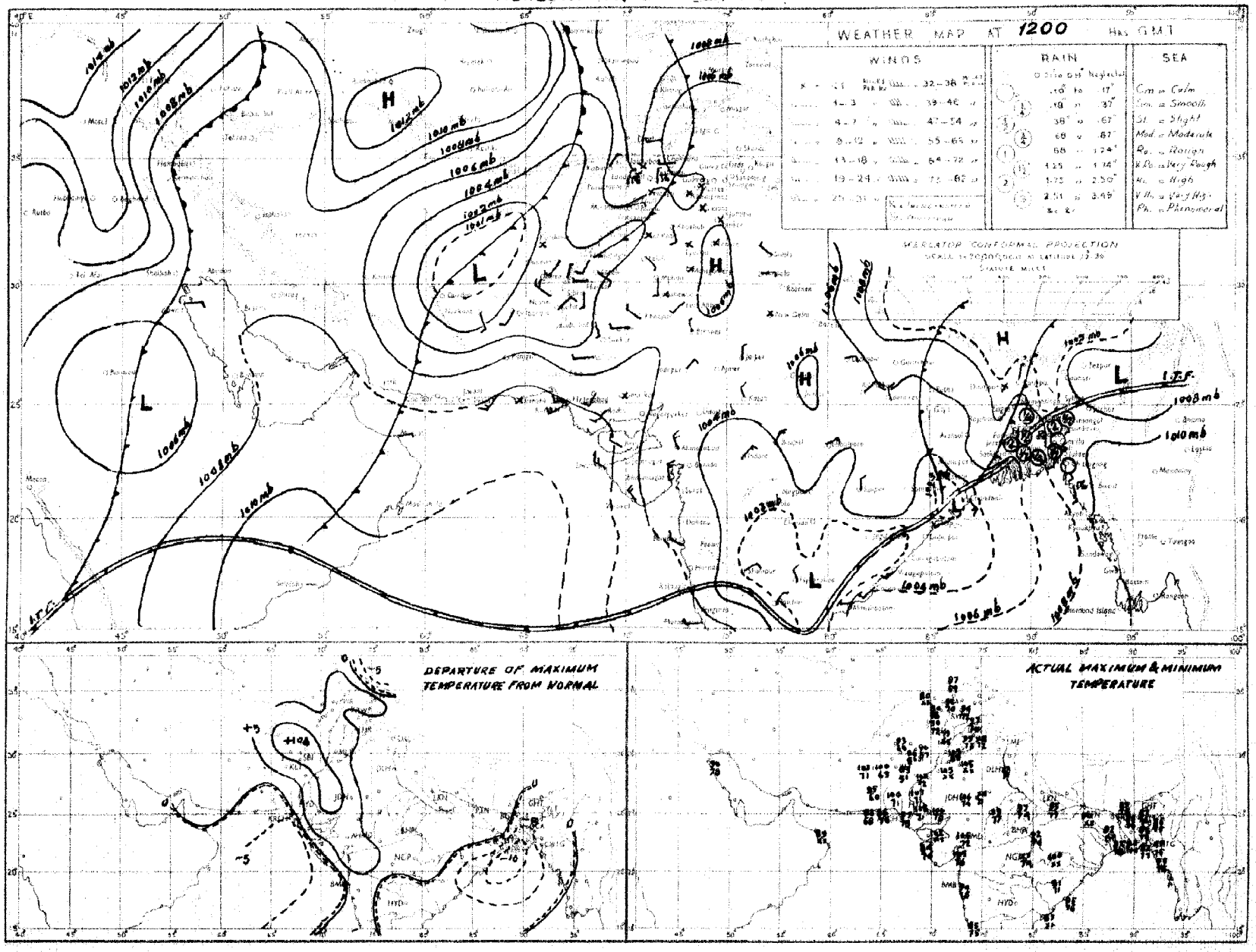
Cloud Observation Data (iiiGG Cddv, v,)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.0, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

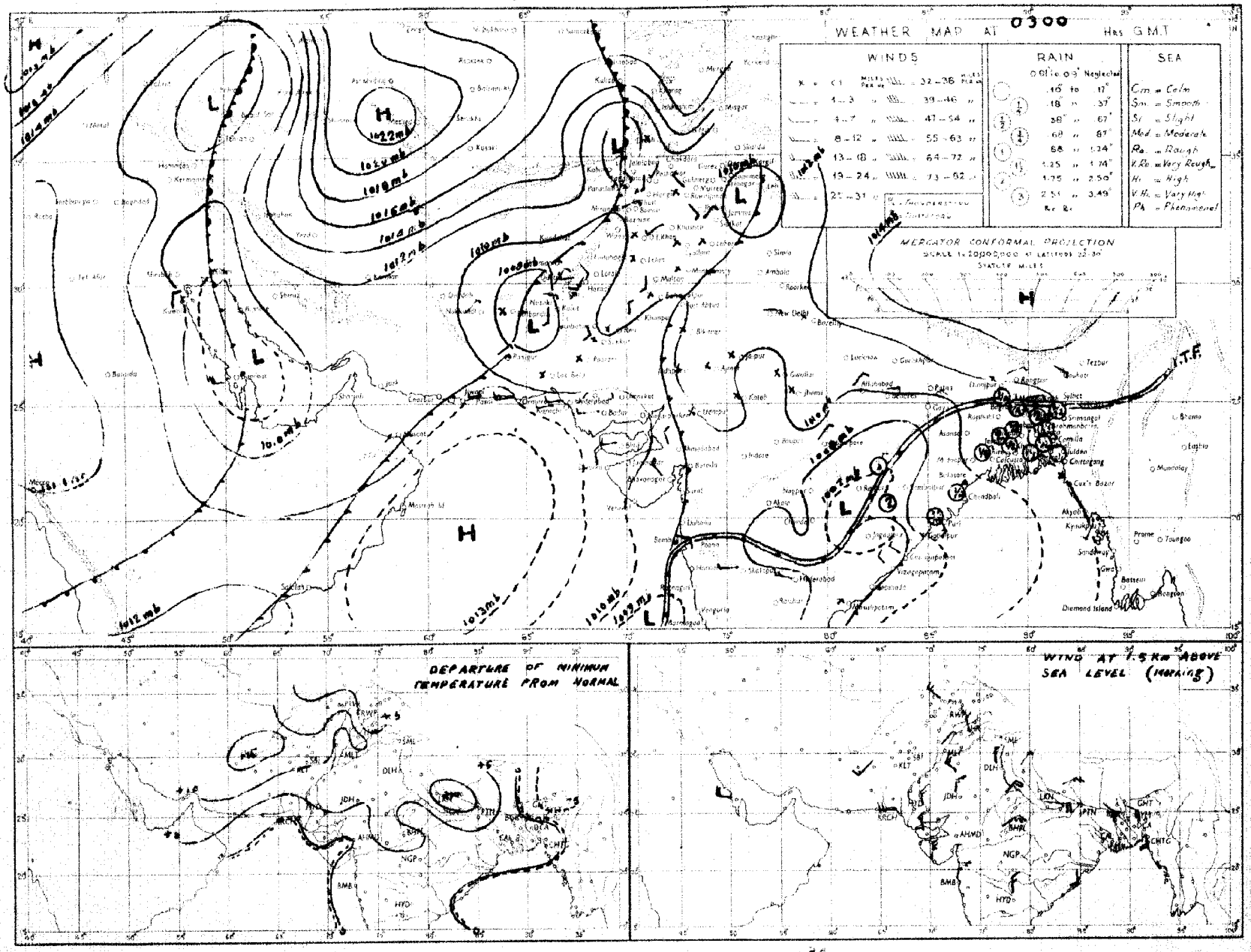
THURSDAY 11TH OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 12th OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 13TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low extends from Central Provinces to east Arabian Sea.
A western disturbance is affecting the North-West Frontier Province and Kashmir.
Another western disturbance is approaching Iraq.

Local rain with scattered thunderstorms has occurred in East Pakistan. Local thunderstorms/showers have also been reported from the upper North-West Frontier Province.

Chief amounts of rainfall are :—Mymensingh 1"; Srimangal ¾"; Sirajganj and Narayanganj ½" each and Faridpur, Barisal and Parachinar ¼" each.

Day temperatures were markedly to considerably above normal over West Pakistan outside Sind-Mekran coast and generally appreciably below normal over East Pakistan.

Forecast valid until the evening of 14th :—Local thunderstorms/showers will occur in East Pakistan, the upper North-West Frontier Province and Kashmir and scattered in the lower North-West Frontier Province and the extreme north Punjab.

Karachi-11.
The 13th October, 1951

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day: $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_mD_MT_xT_x$	At 0300 Hrs. G. M. T. of date: $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_HD_MT_nT_n$	Departure from Normal: T_xT_x	T_nT_n	Rainfall: Since 1st April 31 to date	Departure from normal	Since 1st Jan. 31 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29
EAST PAKISTAN	Cox's Bazar	000 77	2 18 08	97 91 1	090 83	1 2 8 0 1	8 0 x 91	000 75	1 00 00	96 01 1	127 82	1 2 7 0 0	- - - 78	+ 4	+ 2	109 8	- 3 0	119.5	140
	Chittagong	000 76	4 xx xx	97 02 1	100 83	2 2 8 0 0	0 x 9 87	000 75	5 xx xx	97 02 1	—	3 2 6 9 0	0 x 9 76	0	+ x	102 7	+22.0	132 5	198
	Noakhali	000 76	6 19 08	95 03 1	xxx 82	3 7 4 4 3	- x x 86	000 77	5 00 00	96 02 0	xxx 83	2 1 6 4 2	- - 78	+ 1	+ 3	—	—	—	115
	Comilla	000 77	6 23 05	98 03 1	085 85	6 4 7 0 0	86	000 77	4 13 02	98 03 1	124 83	4 4 7 0 0	- - 77	3	+ 3	118 6	+51 8	125 7	94
	Brahmanbaria	000 74	4 00 00	97 03 1	088 84	4 4 5 0 0	89	000 77	4 00 00	97 03 1	126 84	6 4 5 0 0	- - - 78	0	—	69 5	+ 7.7	69 4	78
	Dacca	x x 77	8 18 02	98 02 6	089 78	4 0 7 2 8	3 x x 87	xxx 78	6 43 02	98 02 4	121 83	6 8 5 0 0	8 x x 76			—		—	—
	Narayanganj	045 78	4 18 03	96 03 6	080 81	3 8 5 7	4 0 0 91	045 78	7 18 09	96 03 6	118 84	7 5 4	8 x x 78	+ 3	+ 2	66.2	+15 4	85.1	74
	Mymensingh	107 80	3 00 00	97 02 6	106 83	8 4 7 - -	0 x x 86	107 79	8 09 02	99 02 6	132 82	8 4 7	0 x x 76	- 2	+ 1	48 7	-17 0	66 8	91
	Srimangal	000 79	8 00 00	94 03 4	097 81	8 6 5 - 4	4 x x 88	075 79	5 00 00	96 02 9	129 82	2 2 6 3 1	9 4 2 78	- 2	+ 2	74 2	+11 0	101 3	98
	Khulna	000 86	2 00 00	97 01 0	098 81	2 8 8 0 0	- - - 84	000 78	5 16 02	97 00 0	128 82	5 8 7 0 0	- 77	—	—	43.2	7.7	52.1	88
	Satkhira																		65
	Jessore	009 78	7 09 02	96 02 6	103 81	7 8 8 0 0	5 0 0 89	009 78	5 13 02	96 02 4	124 85	5 8 6 0 0	3 x x xx	—		34 0	10 9	43 0	64
	Faridpur	010 76	8 16 02	95 03 4	092 82	6 7 5 1 0	6 x x 82	037 78	6 16 02	94 03 1	122 83	4 5 6 1 0	5 x x 77	- 5	+ 2	46.0	1 8	54.3	72
	Barisal	030 79	7 09 02	97 02 0	094 80	3 3 6 2 8	3 x x 83	030 80	4 18 02	97 01 1	122 85	4 4 6 0 0	0 x x 77	- 5	+ 2	58 0	1 1	68 6	83
	Pabna																		60
	Rampur Boalia																		66
	Sirajganj	042 76	8 00 00	96 02 2	090 79	8 2 8 0 0	6 0 0 81	042 79	7 00 00	99 01 2	120 81	6 2 6 0 0	9 0 0 77	—	+ 2	50.8	- 3 5	60 3	64
	Bogra	000 77	7 19 02	98 02 9	092 81	4 8 5 2 -	5 x 0 84	000 77	6 09 02	94 57 4	125 79	4 4 1 8 0	3 x 0 76	4	+ 2	34 2	18 6	41.6	69
	Dinajpur	000 77	7 00 00	95 02 4	102 81	0 0 9 1 0	- x 81	000 77	6 00 00	97 02 2	128 82	0 0 9 4 0	- - x 76	3	+ 2	42.9	15.4	47.2	72
	Rangpur	014 xx	7 07 02	96 02 6	— —	2 1 8 0 0	- - - xx	014 xx	3 09 02	98 03 1	— —	3 1 8 0 0	- - - xx	—	—	48 4	+ 3.7	77.7	86
KASHMIR	Srinagar †																		—
	Gulmarg †																		—
	Sonamarg †																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit †																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 61	0 00 00	96 00 0	064 96	0 0 9 0 0	- - - 99	000 64	0 00 00	96 00 0	101 80	0 0 9 0 0	- - - 74	+ 5	+11	5.0	- 3 3	10 2	12
	Lahore	000 67	0 00 00	96 00 0	067 94	0 0 9 0 0	- - - 99	000 69	0 00 00	95 05 0	114 81	0 0 9 0 0	- - - 71	+ 8	+11	10 6	- 3 9	14 7	19
	Sialkot	000 66	0 31 02	97 00 0	068 92	0 0 9 0 0	- - - 97	000 74	0 05 04	97 00 0	116 80	0 0 9 0 0	- - - 76	+ 4	+12	13.8	- 9.9	18 7	32
	Jhelum	000 70	2 00 00	96 03 1	067 94	2 1 7 0 0	- - - 97	000 69	0 31 02	95 10 0	123 75	0 0 9 0 0	- - - 69	—		16 5		25 8	
	Rawalpindi	000 57	3 27 02	98 01 1	078 89	0 0 9 2 0	- - - 95	000 59	0 00 00	97 00 1	121 74	0 0 9 0 0	- - - 68	+ 5	+ 8	14 0	8.9	25 7	30
	Murree †	000 47	6 23 03	98 02 1	996 67	0 0 9 1 0	6 x 3 74	000 40	3 00 00	98 01 1	012 66	0 0 9 4 0	6 x 3 58	+ 7	+ 6	23.4	14 1	44 0	59
	Attock	xxx xx	7 02 05	96 00 2	— —	7 0 4 3 0	—	xxx xx	0 13 05	98 00 0	— —	0 0 9 0 0	- - - xx			—	—	—	—
	Khushab	000 62	0 00 00	98 00 0	062 00	0 0 9 0 0	- - - 08	000 66	0 09 02	97 00 0	112 81	0 0 9 0 0	- - - 76	+ 8	+10	3 0	- 7.2	8.0	15
	Montgomery	000 71	0 00 00	97 00 0	066 00	0 0 9 0 0	- - - 02	000 69	0 00 00	97 00 0	105 82	0 0 9 0 0	- - - 74	+ 4	+ 9	2 5	- 5 0	6.1	10
	Leiah	000 94	0 31 02	97 00 0	062 02	0 0 9 0 0	- - - 03	000 71	0 00 00	97 00 0	113 79	0 0 9 0 0	- - 73			0.9		6 6	8
	Multan	000 59	0 18 03	97 00 0	068 01	0 0 9 0 0	- - - 02	000 60	0 18 05	97 00 0	107 82	0 0 9 0 0	- - - 76	+ 6	+12	3 8	1 1	6 9	7
	Khanpur	000 60	0 31 02	96 05 0	067 02	0 0 9 0 0	- - - 04	000 54	0 09 03	96 00 0	105 76	0 0 9 0 0	- - 69	—	—	0 3	4 5	1.9	6
	Bahawalpur	000 69	0 00 00	97 00 0	063 97	0 0 9 0 0	- - - 04	000 60	0 12 02	97 00 0	101 81	0 0 9 0 0	- - 73	—	—	1 9	2 3	5 0	6
	Fort Abbas	000 90	0 23 03	96 00 0	065 00	0 0 9 0 0	0 x x 04	000 71	0 12 02	96 00 0	109 81	0 0 9 0 0	0 x x 78		—	2 8		3.7	8
N. W. F. P.	Drosh *	002 49	3 25 14	98 20 9	988 73	3 6 0 0	2 x x 63	002 48	0 00 00	99 00 1	063 82	0 0 9 0 0	9 x x 80	+ 5	+ 6	1 8		22 0	18
	Chakdara	000 55	0 18 02	99 00 0	060 80	0 0 9 0 0	95	000 53	0 18 02	98 00 0	123 72	0 0 9 0 0	- - 63		—	6 5	—	18.8	—
	Cherat *	000 49	x 18 07	98 02 1	986 83	0 0 9 0 0	2 x 7 86	000 49	0 34 04	98 00 0	016 74	0 0 9 0 0	- - - 60	+ 7	+10	8 0	6 2	28 0	20
	Peshawar	000 60	4 13 72	98 01 1	072 88	3 9 6 6 0	1 6 4 96	000 58	1 28 03	97 01 9	114 80	0 0 9 0 1	9 x x 71	+ 7	+10	1.8	- 2.7	9 1	14
	Parachinar	009 48	6 18 02	96 02 9	977 76	2 4 7 6 0	2 x 7 80	022 52	0 05 02	xx xx x	014 67	0 0 9 0 0	9 x x 59	+ 5		10 5		28 0	33
	Miranshah	000 58	3 11 03	98 02 4	972 84	0 0 9 4 1	- - 91	000 64	0 00 00	99 00 0	912 76	0 0 9 0 0	- - - 70		—	3.6	1 2	10 5	12
	Bannu	000 65	1 36 02	99 03 1	065 93	0 0 9 0 1	- - 97	000 63	0 29 02	99 00 0	108 77	0 0 9 0 0	- - - 75	—	—	0.9		6 3	11
	D. I. Khan	000 67	0 00 00	98 00 0	065 98	0 0 9 0 0	- - - 98	000 63	0 00 00	98 00 0	119 74	0 0 9 0 0	- - - 65	+ 5	+ 2	1 1	4 4	2.3	9
	Wana																		11
	Landikotal	000 62	2 13 3	99 02 2	975 81	2 1 8 0 0	- - - 86	000 56	1 00 00	99 02 0	009 71	0 0 9 4 0	- - x 61		—	2.4		12 0	—
	Bangn	xxx x	0 00 00	97 00 0	—	0 0 9 0 0	- - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Thall	xxx x	0 18 18	99 00 0	—	0 0 9 0 0	- - - —	xxx xx	0 09 09	99 00 0	— —	0 0 9 0 0	- - - x.	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 33	1 18 10	97 01 1	972 80	0 0 9 4 0	2 x x 93	009 46	0 00 00	94 05 0	025 70	0 0 9 0 0	- - - 64	+11	+11	4.1	- 0.9	10 6	11
	Hindubagh	000 35	1 27 02	98 01 1	979 88	1 5 8 0 0	7 x x 84	000 45	0 27 05	94 00 0	014 68	0 0 9 0 0	- - 65			0.2	—	8.5	—
	Loralai	000 29	0 16 02	96 00 0	970 85	0 0 9 0 0	- 99	000 40	0 23 05	96 00 0	101 65	0 0 9 0 0	- - - 58	—	—	1 7	—	8 1	—
	Harnai (a)	000 xx	2 09 02	96 01 0	— —	2 2 8 0 0	- —	000 xx	0 27 02	95 00 0	—	0 0 9 0 0	- - - xx	—	—	2.0	- 5.5	10.6	14
	Sibi	000 49	1 13 05	99 01 1	049 05	0 0 9 0 1	1 x x 08	000 54	0 00 00	94 00 0	108 78	0 0 9 0 0	- - - 61	—	—	2.3	—	3 7	5
	Quetta †	000 36	2 16 07	99 01 1	046 85	0 0 9 0 3	3 x 0 33	000 45	0 00 00	98 00 0	005 61	0 0 9 0 0	- - - 53			0.8	- 0 3	9.3	9
	Chaman	000 42	0 23 03	97 00 0	974 89	0 0 9 0 0	- - 93	000 40	0 31 02	97 00 0	018 71	0 0 9 0 0	- - - 65	+12	+15	0	0.3	9.6	8
	Nushki	000 48	0 31 05	97 00 0	023 96	0 0 9 0 0	- - - 95	000 41	0 09 07	96 00 0	059 72	0 0 9 0 0	- - - 78			0	—	5.5	—
	Dalbandin *	000 47	0 09 00	98 00 0	974 97	0 0 9 0 0	- - 99	000 36	0 00 00	96 00 0	007 65	0 0 9 0 0	- - - 62	+ 9	+ 11	0	- 0 3	1.8	4
	Nokkundi	000 70	0 16 02	99 00 1	039 99	0 0 9 0 0	9 x x 03												3
	Kalat †	000 60	0 18 05	98 00 0	995 84	0 0 9 0 0	- - - 86	000 46	0 19 05	95 00 0	029 55	0 0 9 0 0	- - - 50	+11	+ 9	0.8	- 0.4	4.7	7
	Turbat	000 67	0 20 03	97 00 0	087 00	0 0 9 0 0	- - - 02	000 61	0 00 00	96 00 0	160 76	0 0 9 0 0	- - - 40	—	—	0		1.4	—
	Panjgur *	000 30	0 23 16	97 00 0	983 80	0 0 9 0 0	- - - 01	000 35	0 36 03	97 00 0	006 62	0 0 9 0 0	- - - 68	+ 5	+ 4	0	—	3.2	5
	Las Bela	000 69	0 23 04	99 00 0	084 05	0 0 9 0 0	- - - 08	000 58	0 00 00	99 00 0	114 80	0 0 9 0 0	- - - 67	—	—	1 6	—	1.7	3
	Ormara	000 76	0 27 09	96 00 0	085 82	0 0 9 0 0	- - - 83	000 71	0 27 09	96 00 0	122 78	0 0 9 0 0	- - - 75	—	—	0 3	0 4	3 0	6
	Pasni							000 67	0 31 05	96 00 0	121 72	0 0 9 0 0	- - - 47		0	0.8	0 1	4.0	6
	Jiwani																		4
SIND	Beti	000 39	0 31 05	94 00 0	065 03	0 0 9 0 0	- - - 05	000 65	0 31 07	94 00 0	104 75	0 0 9 0 0	- - - 67	—	—	1.7	—	3.3	—
	Jacobabad	000 49	0 18 03	98 00 0	066 03	0 0 9 0 0	- - - 06	000 40	0 18 03	96 00 0	101 75	0 0 9 0 0	- - - 71	+ 7	+ 5	0 2	2.0	0.7	4
	Sukkur	000 71	0 xx xx	96 00 0	065 00	0 0 9 0 0	- - - 06	000 63	0 xx xx	96 00 0	097 79	0 0 9 0 0	- - - 77	—		0.5	—	1.0	4
	Pad Idan	000 67	0 20 05	93 00 0	061 05	0 0 9 0 0	- - - 07	000 54	0 00 00	98 00 0	098 75	0 0 9 0 0	- - - 71	—	—	0.5	—	0.8	
	Karachi (Manora)	000 73	0 25 18	99 00 0	086 80	0 0 9 0 0	- - - 07	000 69	0 00 00	98 00 0	112 78	0 0 9 0 0	- - - 74	- 1	- 10	1.5	- 4.5	1 0	3
	Karachi (A. P.)	000 54	0 31 16	98 00 1	078 00	0 0 9 0 0	- - - 04	000 67	1 29 05	97 02 1	118 80	0 0 9 0 1	- - - 75	—	—	2 9		3.8	
	Badin	000 51	0 31 08	97 00 0	075 03	0 0 9 0 0	- - - 10	000 45	0 18 09	97 00 0	109 79	0 0 9 0 0	- - - 70	—	—	7.0	- 0.3	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 72	0 27 03	97 00 0	081 03	0 0 9 0 0	- - - 05	000 59	0 00 00	97 00 0	095 84	0 0 9 0 0	- - - 72	—	—	2.2	—	2.3	—
	Hyderabad	000 53	0 27 03	97 00 0	081 03	0 0 9 0 0	- - - 09	000 55	0 31 05	97 00 0	098 86	0 0 9 0 0	- - - 75	+10	+ 8	1.8	- 4.3	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 40	7 34 05	97 02 3	021 74	4 7 7 2 4	2 4 6 81	000 56	0 00 00	97 00 1	997 71	0 0 9 0 0	9 x x 66	—	—	0.5	—	0.9	12
	Jalalabad	000 91	2 09 02	97 01 0	994 91	0 0 0 7 0	0 x 9 95	000 49	0 00 00	97 00 0	987 64	0 0 9 0 0	- - - 53	—	—	0	—	10.5	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 13TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_w D_w T_w T_w$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_w D_w T_w T_w$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall Since 1st June 52 to date	Departure from normal	Since 1st Jan. 52 to date	Antecedent Normal
1	1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	21
Iran	Charba:	-	-	-	-			-					-	-	-	-	-	-	-
	Jask												-	-	-	-	-	-	4
	Kapnec	-											-	-	-	-	-	-	10
	Bushire												-	-	-	-	-	-	11
Arabia	Muscat	000 71	0 00 02	97 00 0	097 87	0 0 0 0 0	- - - -	000 77	1 00 00	96 00 0	117 88	0 0 0 4 0	- - - xx	—	+ 11	0	- 0.1	0.8	4
	Sharjah																		4
	Kuwait	000 xx	1 00 00	97 00 0	097 92	0 0 0 0 2	- - - 92	000 xx	0 00 00	97 00 0	124 85	0 0 0 0 0	- - - 70	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre 3,350-3,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,712 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
(a) Reports nair rainfall.
Whenever 000 is given for RRR see the summary on page 1 for the actual amount of rainfall.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather General, Air Port, KARACHI-11.

Wireless Reports from Ship:

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_a v_a$ app	S N_s Ch_s h_s	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shahjehan	63 120	748 00	0 06 02	97 00 1	095 80	00 9 00	4 4 820	—	9 00 76	—
Rizwan	63 122	668 06	4 36 12	96 02 1	125 82	41 6 00	—	—	—	—
Imaila	63 092	702 06	7 10 06	94 25 5	112 82	-9 -8	—		—	—
City of Evansvilla	63 131	738 08	4 20 04	99 02 9	111 85	22 6 71	3 4 310	8 2 465	0 00 78	1 28 02
Jalaganga	63 109	750 18	6 32 03	94 02 1	117 82	61 6 01	7 3 101	—	0 02 76	1 32 xx
Rizwani	63 167	652 08	2 35 11	94 01 0	xxx xx	13 4 03	2 1 600			—
Jaljowahar	63 168	641 18	4 34 08	96 06 1	140 82	48 - 00	—		—	—
City of Evansvilly	63 117	749 16	6 00 01	99 01 1	105 81	12 4 31	3 4 210	8 5 466	0 32 77	1 03 21
Gorfu	63 181	697 18	1 32 13	99 02 0	098 82	12 - 00	—	—	—	—
Kondo	63 087	855 12	4 22 02	98 03 0	106 84	42 5 00	2 6 002	—	0 02 78	1 03 21
Gorfu	63 156	718 12	1 35 09	99 02 0	088 85	00 9 01	6 6 300	—	0 04 78	—
Shahjehan	62 [illegible] 0	754 02	7 29 02	94 06 1	094 82	54 4 2x	4 4 420	—	0 02 76	—
Rizwani	63 169	653 12	4 34 12	94 02 0	099 86	41 6 10	—	—	—	
Dwarka	63 225	648 12	1 28 13	98 02 0	096 81	00 9 01	7 5 500	—	0 01 75	—
British Resource	63 220	585 12	0 19 08	99 00 0	090 88	00 9 00	3 4 300	—	0 00 75	1 13 xx
City of Evansvilla	63 120	744 32	8 01 00	99 25 2	091 80	48 6 7-	5 4 300	8 4 640	0 32 74	1 20 21
Shwedagun	63 235	640 12	0 20 05	99 00 0	121 xx	00 9 00		—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			PrPrhrhrhr			TrTrTdrTdrTxr etc.				5555	hthrPrPrPr		TrTrTdrTdrTxr etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	700 15	007 27	207 60	000 28	291 99	835 02	255 15	700 49	115 44	599 50	512 24	292 87	819 94	555 84	259 29	810 04	849 00	290 38	678 00	215 27	276 45	107 57	476 00	867 69	584 90

PPP—Pressure in hundreds, tens and units of millibars, PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hn—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

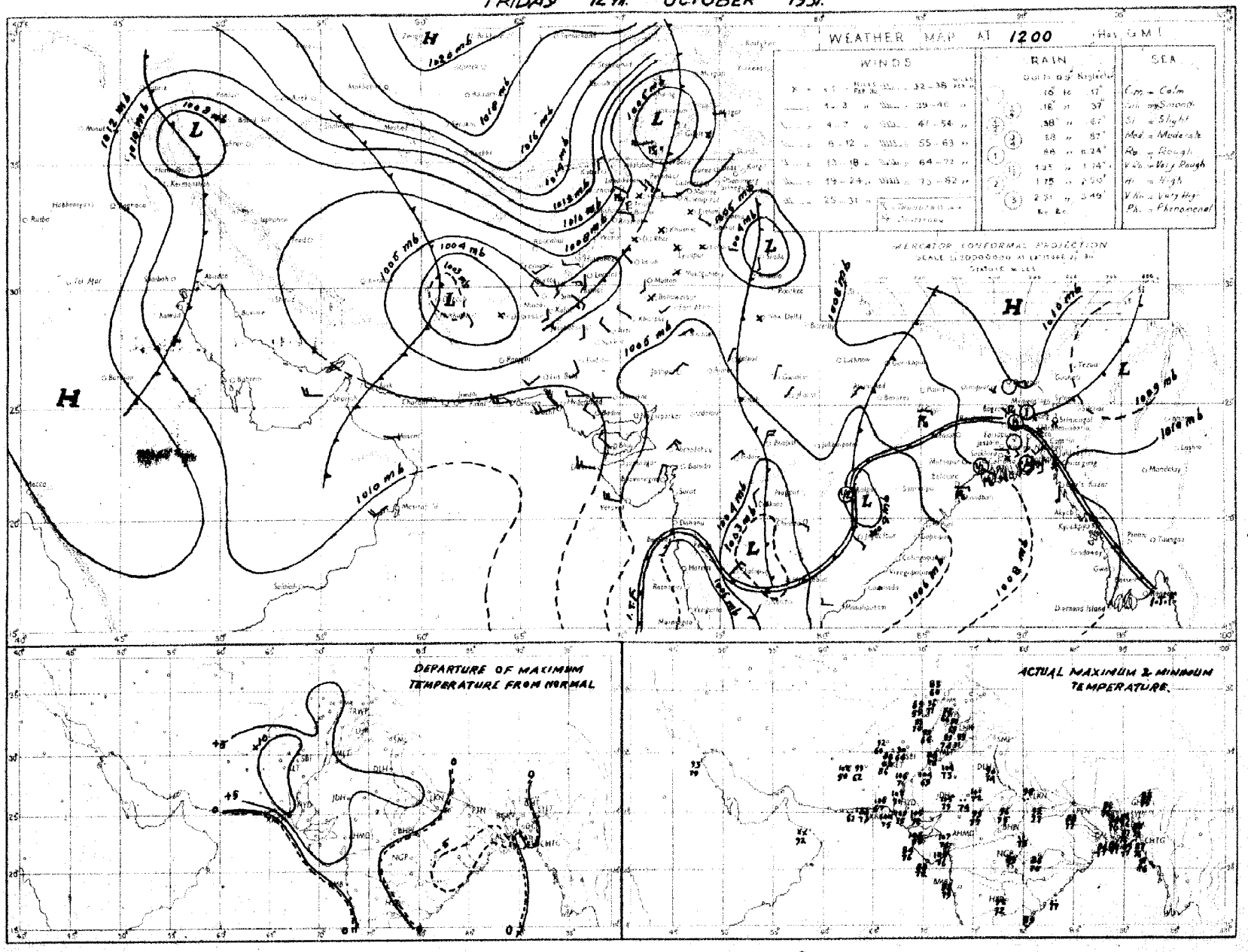
STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ‡							
	1	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	14 18	15 08	16 10	16 09							14 18	17 09	18 08	17 04	11 04		21 08	20 08						
Chnor	20 12	20 12	22 12	02 06	07 05	07 08	10 18	08 17			25 14	24 13	24 13	09 08	10 12	07 28	09 15							
Chittagong	19 10	17 14	16 11	16 09	18 07	19 11	21 08	26 06	23 05	15 06	16 04	17 04	19 04	17 04	27 04	08 05	17 01	16 01	11 01	01 08	36 04	30 04	26 07	28 05
Cox's Bazar	17 18	19 11	17 13	17 10	16 06	16 03	18 16	17 05	16 16	11 06	16 04	10 08	16 02	17 08	01 03	20 03	25 02	29 01	30 01	04 04	04 05	02 05	34 08	35 04
Barcl	16 07	14 09	16 10	16 09							19 05	21 06	20 06	10 05	23 08		16 08	14 05	15 03	19 02	24 03	23 03		
Dalbandin			27 03	23 08	19 04	14 19	25 11	35 16					24 12	22 10	19 07	15 11			20 03	21 14	19 16	14 17	26 24	
Dewa				15 04	21 02	24 15	18 18							17 06	21 04	16 06					01 02	19 01	19 00	06 20
Port Sandeman				23 01	23 02	23 06	26 01				20 14	22 18	21 18	19 05	05 06	03 05	14 00	14 18	22 17	22 29	00 00	06 12	26 07	
Sacrobandar	16 05	25 06	24 06	22 12	13 10	12 13	10 09	35 08	26 28	26 28	09 05	25 02	32 06	31 14	23 14	09 14	12 02	18 06	24 00	32 12	36 11	20 11	21 18	
Sheikh	12 01	27 02	30 06	31 11	31 09	30 16	30 18	27 27																
Siwani																								
Karachi	19 16	29 19	28 19	27 12	24 12	18 18	11 23	11 13	25 03	25 20	29 10	30 15	27 12	23 14	21 14	20 01	21 28	21 26	30 22	27 19	18 15	18 04	09 26	14 09
Khanewal	32 06	28 08	27 09	27 11	28 06	21 07	22 04	37 07	29 33		25 10	26 08	24 07	22 10	06 07		27 21	24 21	25 18	24 10	21 08	10 15		22 11
Lahore	31 04	29 04	31 04	32 09	31 15	32 16	31 21	37 08	29 30	33 30	07 06	32 05	29 06	31 11	24 11	24 18	11 04	27 04	30 02	31 10	36 07	02 13	32 15	31 30
Multan	13 05	12 08	12 09	19 09	27 08	21 13	29 07	34 19	37 33		20 13	18 11	21 04	15 14	23 06	23 04	24 17	15 11	23 08	17 07	27 07	25 08	24 06	
Peshawar		06 05	17 05	22 05	24 10	26 19	29 20	37 30				01 02	18 03	34 06	20 05	27 07		23 07	34 09	34 06	24 02	24 08	28 12	19 19
Quetta					29 05	25 08	29 13	34 24	30 37	36 35					33 02	29 14					19 03	17 21	26 12	28 16
Bushire																								
Shahjah																								

Cloud Observation Data (iiiGG Cddv, v,)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots
† The actual time of observations may vary within half an hour of the mentioned time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0, 7.0, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

PAKISTAN DAILY WEATHER MAP

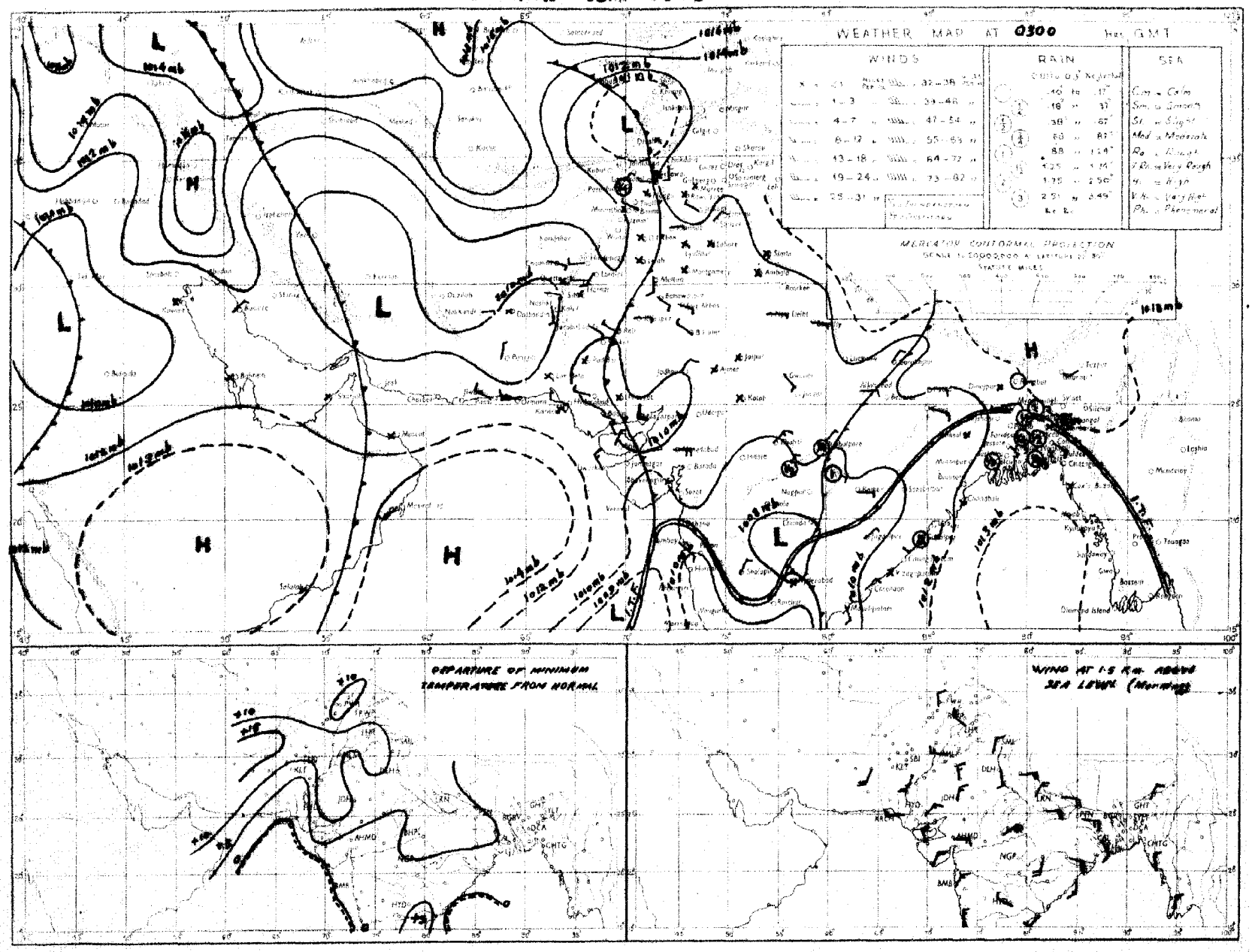
FRIDAY 12th. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SATURDAY 13th. OCTOBER 1957.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SUNDAY, THE 14TH OCTOBER, 1951

(*Published by the authority of the Government of Pakistan*).

Summary of observations recorded at 0300 hrs. G. M. T.

A complex low extends from Central Provinces to Konkan-Kathiawar coast.
A low pressure wave is moving westwards across Central Burma.
A western disturbance lies over Iraq and is moving eastnortheastwards.

Scattered rain has occurred in East Pakistan. Local thunderstorms have also been reported from the upper North-West Frontier Province.

Day temperatures were markedly to considerably above normal over West Pakistan outside Sind coast.

Forecast valid until the evening of 15th :—Scattered thunderstorms will occur in East Pakistan, the upper North-West Frontier Province and Kashmir.

Karachi-11.
The 14th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		RRRT0Td	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	RRRT0Td	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	TxTx	TnTn	Since 1st April 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29
EAST PAKISTAN	Cox's Bazar	000 76	1 90 00	97 01 1	086 85	1 2 7 0 0	- - - 80							+ 2					140
	Chittagong	000 78	1 xx xx	97 02 1	079 84	1 0 7 9 0	0 x 9 89							+ 2					108
	Noakhali																		115
	Comilla	000 81	2 31 02	98 01 1	074 82	2 2 7 0 0	- - - 88	000 79	7 05 02	98 03 1	097 83	7 4 7 0 0	- - - 80	- 1	+ 6	118.3	+51.5	125.7	94
	Brahmanbaria	000 79	2 00 00	97 03 1	082 85	2 4 5 0 0	- - 88	000 78	4 09 02	97 03 1	097 89	4 4 5 0 0	- - - 79	—	—	69.5	+ 7.6	69.4	78
	Dacca	x x 78	1 36 02	96 02 6	078 83	8 8 5 0 0	6 x x 91	xxx 82	4 00 00	97 01 6	092 84	4 3 5 0 0	3 x x 79	—		—		—	—
	Narayanganj	000 78	1 00 00	97 01 1	087 85	0 0 9 0 1	9 9 x 92	000 80	7 00 00	98 03 1	098 87	5 4 5 2	9 x 0 81	+ 3	+ 5	66.2	+15.1	85.1	74
	Mymensingh	000 80	3 00 00	98 92 2	096 84	8 4 7	- - 87	000 76	4 00 00	99 02 2	106 82	4 1 6 0 0	- - 76	- 1	+ 1	48.7	-17.9	56.8	91
	Srimangal	000 79	5 00 00	94 01 6	088 83	3 2 6 0 1	6 6 x 88	000 76	3 00 00	98 02 1	100 85	2 2 6 0 1	- - - 72	- 2	+ 2	74.2	+11.6	101.2	98
	Khulna	000 77	2 00 00	97 01 0	084 86	2 8 3 0 0	- - - 91	000 78	2 29 02	97 02 0	101 88	2 1 8 0 0	- - - 79	—	—	43.2	7.9	52.1	69
	Satkhira	000 77	8 05 02	96 03 1	085 81	6 9 6 6 0	- - - 82							—					65
	Jessore	000 80	1 00 00	96 02 1	076 87	2 8 5 0 0	- - - 95							—					60
	Faridpur	003 78	6 02 02	97 03 6	085 84	1 6 6 1 8	5 x x 84	003 80	3 34 02	96 03 1	100 86	1 5 7 1 0	9 x x 79	- 3	+ 4	48.0	1.5	54.3	71
	Barisal	000 79	1 00 00	97 01 1	078 87	2 2 6 0 0	- - - 90	000 79	4 34 02	92 01 1	095 84	4 4 6 0 0	- - - 78	+ 2	+ 3	56.0	1.3	66.6	81
	Pabna																		59
	Rampur Boalia																		59
	Sirajganj	000 79	6 00 00	96 92 2	070 86	5 2 7 0 0	- - 86	000 79	3 00 00	97 01 1	090 86	3 8 2 0 0	- - - 78	—	+ 3	50.8	+ 3.2	60.8	64
	Bogra	000 79	5 28 02	96 01 6	074 85	3 4 6 7 0	2 x 0 89	000 79	4 27 02	96 03 1	093 86	2 1 7 0 9	- - - 78	+ 1	+ 4	34.2	18.9	41.0	69
	Dinajpur	000 77	9 00 00	96 01 2	086 86	0 0 9 0 0	- - 91	000 79	6 00 00	96 03 0	108 87	0 0 9 0 0	- - - 78	+ 2	+ 4	42.9	15.7	47.2	72
	Rangpur	000 xx	3 00 00	96 02 5	— —	0 0 9 1 0	- - - xx	000 xx	2 60 02	98 02 1	— —	2 1 8 0 0	- - - xx	—	—	68.4	+ 3.5	77.7	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Mingar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 66	0 00 00	96 00 0	066 95	0 0 9 0 0	- - - 90	000 70	0 23 02	96 00 0	076 75	0 0 9 0 0	- - - 73	+ 6	+10	5.9	2.2	10.2	12
	Lahore	000 66	0 34 02	96 00 0	073 95	0 0 9 0 0	- - - 99	000 65	0 00 00	96 00 0	088 80	0 0 9 0 0	- - - 71	+ 3	+11	10.6	3.9	14.7	19
	Sialkot	000 62	0 31 02	97 00 2	067 92	0 0 9 0 0	- - - 97	000 67	0 00 00	97 00 0	085 82	0 0 9 0 0	- - - 75	+ 4	+11	13.8	0.8	18.7	33
	Jhelum	000 67	0 16 02	97 00 0	066 95	0 0 9 0 0	- - - 97	000 67	0 00 00	96 00 0	091 76	0 0 9 0 0	- - - 70	—	—	16.5	-	25.8	—
	Rawalpindi	000 57	0 00 00	98 00 0	070 90	0 0 9 0 0	- - - 97	000 58	0 00 00	97 05 1	066 75	0 0 9 0 0	- - - 67	+ 7	+ 9	14.9	8.8	25.7	36
	Murree †	000 48	2 27 02	98 01 1	993 66	0 0 9 4 0	9 x 5 75	000 45	0 31 03	93 00 1	988 64	0 0 9 0 0	9 x x 59	+ 8	+ 0	22.4	14.2	44.0	59
	Attock	xxx xx	2 05 02	96 01 0	— —	2 0 6 2 0	- - - —	xxx xx	0 19 02	96 00 0	— —	0 0 9 0 0	- - - xx			—	—	—	—
	Khushab	000 65	0 23 02	97 00 0	076 02	0 0 9 0 0	- - - 08	000 65	0 23 02	96 00 0	088 85	0 0 9 0 0	- - - 74	+ 8	+ 9	3.0	- 7.2	8.0	15
	Montgomery	000 75	0 00 00	97 00 0	074 00	0 0 9 0 0	- - - 01	000 69	0 00 00	97 00 0	082 81	0 0 9 0 0	- - - 75	+ 3	+10	2.5	- 5.0	6.1	10
	Leiah	000 88	0 18 02	97 00 0	062 03	0 0 9 0 0	- - - 04	000 70	0 00 00	97 00 0	079 79	0 0 9 0 0	- - 69			0.9	—	4.6	8
	Multan	000 65	0 00 00	97 00 0	071 99	0 0 9 0 0	- - - 04	000 60	0 00 00	97 00 0	087 75	0 0 9 0 0	- - - 74	+ 9	+10	3.8	- 1.1	6.0	7
	Khanpur	000 64	0 25 03	95 00 0	067 02	0 0 9 0 0	- - - 03	000 55	0 27 02	95 00 0	095 83	0 0 9 0 0	- - - 72	—	—	0.2	4.5	1.9	6
	Bahawalpur	000 72	0 00 00	97 00 0	065 03	0 0 9 0 0	- - - 07	000 58	0 00 00	97 00 0	091 76	0 0 9 0 0	- - 74	—	—	1.9	2.3	5.0	6
	Fort Abbas	000 94	0 28 03	96 00 0	057 04	0 0 9 0 0	0 x x 05	000 73	0 23 02	96 00 0	096 85	0 0 9 0 0	0 x x 75		—	2.8	—	3.7	8
N. W. F. P.	Drosh *	000 49	5 25 05	98 03 9	973 82	4 9 6 0 1	2 9 x 85	000 46	0 05 02	99 00 0	021 66	0 0 9 0 0	9 x x 61	+ 7	+ 7	1.8	—	22.0	18
	Chakdara	000 61	0 18 02	99 00 0	060 89	0 0 9 0 0	- 96	000 52	0 27 02	99 00 0	106 71	0 0 9 0 0	- - - 64		—	6.5	—	18.8	—
	Cherat *	000 54	2 18 02	97 03 1	996 82	9 0 9 9 2	2 7 x 85							+ 6					20
	Peshawar	000 62	3 00 00	96 02 1	069 89	2 9 7 6 1	- - 96	000 55	0 20 03	97 00 1	086 80	0 0 9 0 0	- - - 60	+ 7	+ 3	1.8	- 2.7	9.1	14
	Parachinar	000 51	2 13 02	99 01 9	013 77	1 1 9 3 0	3 x 7 80	000 49	0 00 00	99 00 1	997 70	0 0 9 0 0	9 x x 60	+ 5	+10	10.5	—	28.0	30
	Miranshah	000 49	0 07 02	98 00 4	988 89	0 0 9 0 0	- - - 92	000 63	0 34 02	99 00 0	982 79	0 0 9 0 0	- - - 72	—		3.6	- 1.2	10.5	13
	Bannu	000 62	0 09 02	99 00 0	065 94	0 0 9 0 0	- - - 97	000 62	0 31 02	99 00 0	089 80	0 0 9 0 0	- - - 74	—	—	0.9		6.8	11
	D. I. Khan	000 66	0 11 02	94 00 0	069 93	0 0 9 0 0	- - - 99	000 66	0 00 00	96 00 0	089 74	0 0 9 0 0	- - - 65	+ 5	+ 2	1.1	- 4.4	2.3	9
	Wana																		11
	Landikotal	000 65	2 13 08	99 02 1	977 85	2 9 6 0 0	- - - 91	000 66	0 00 00	99 00 0	987 74	0 0 9 0 0	- - - 62		—	2.4	—	12.6	—
	Hangu	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - xx	—	—		—	—	—
	Thall	xxx xx	0 18 09	99 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 36 09	99 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 37	0 23 05	96 05 0	078 90	0 0 9 0 0	- - - 92	000 36	0 00 00	96 05 0	030 67	0 0 9 0 0	- - - 62	+10	+ 9	4.1	- 0.9	10.0	11
	Hindubagh	000 31	1 27 09	98 01 1	979 86	1 1 3 0 8	7 1 1 80	000 34	0 23 05	96 00 0	009 66	0 0 9 0 0	- - - 54		—	0.2	—	3.5	—
	Loralai	000 76	0 00 00	96 00 0	960 84	0 0 9 0 0	- - - 83	000 61	0 27 05	98 00 0	005 67	0 0 9 0 0	- - - 60	—	—	1.7	—	6.1	—
	Harnai (a)	000 xx	0 13 02	98 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 27 02	96 00 0	—	0 0 9 0 0	- - - xx		—	2.0	- 5.5	10.6	14
	Sibi	000 37	1 13 05	97 00 0	358 06	0 0 9 0 0	- - - 07	000 51	0 00 00	98 00 0	089 75	0 0 9 0 0	- - - 59	—	—	2.2	—	2.8	5
	Quetta †	000 41	0 34 05	99 00 0	992 84	0 0 9 0 0	- - - 89	000 35	0 00 00	98 00 0	991 61	0 0 9 0 0	- - - 45			0.8	- 0.8	9.8	9
	Chaman	000 48	0 28 02	97 00 0	002 88	0 0 9 0 0	- - - 90	000 35	0 11 02	97 00 0	013 71	0 0 9 0 0	- - - 65	+10	+12	0	0.2	9.6	8
	Nushki	000 47	0 31 05	97 00 0	025 93	0 0 9 0 0	- - - 96	000 42	0 09 09	96 00 0	062 79	0 0 9 0 0	- - - 74		—	0	—	5.5	—
	Dalbandin *	000 51	0 13 02	98 00 0	485 92	0 0 9 0 0	- - - 96	000 29	0 00 00	96 00 0	004 61	0 0 9 0 0	- - - 55	+ 6	+ 4	0	- 0.8	1.8	4
	Nokkundi	000 64	0 12 02	99 00 0	042 97	0 0 9 0 0	- - - 99	000 46	0 02 02	99 00 0	117 74	0 0 9 0 0	- - - 70	—	—	0	—	0.0	2
	Kalat †	000 54	0 05 05	98 00 0	002 84	0 0 9 0 0	- - - 86	000 41	0 19 05	98 00 0	021 56	0 0 9 0 0	- - - 50	+11	+ 9	0.8	- 0.4	4.7	7
	Turbat	000 84	0 21 08	97 00 0	074 98	0 0 9 0 0	- - - 00	000 59	0 06 02	96 00 0	123 77	0 0 9 0 0	- - - 69	—	—	0		1.4	—
	Panjgur *	000 26	0 23 02	97 00 0	984 91	0 0 9 0 0	- - - 92	000 30	0 05 02	97 00 0	008 61	0 0 9 0 0	- - - 61	+ 5	+ 7	0	—	3.2	5
	Las Bela	000 68	0 18 02	99 00 0	076 09	0 0 9 0 0	- - - 08							—	—				8
	Ormara	000 69	0 27 09	97 00 0	095 90	0 0 9 0 0	- - - 91	000 70	0 27 05	97 00 0	112 76	0 0 9 0 0	- - - 48		—	0.8	0.6	2.1	6
	Pasni	000 70	0 23 07	96 00 0	100 85	0 0 9 0 0	- - - 94	000 70	0 27 03	94 00 0	112 73	0 0 9 0 0	- - - 49	+ 2	+ 2	0.8	- 0.1	5.0	6
	Jiwani																		4
SIND	Reti	000 80	0 31 09	96 00 0	065 04	0 0 9 0 0	- - - 07	000 64	0 00 00	94 00 0	091 77	0 0 9 0 0	- - - 67	—	—	1.7	—	2.1	—
	Jacobabad	000 39	0 29 05	97 00 0	079 08	0 0 9 0 0	- - - 05	000 52	0 16 03	97 00 0	086 81	0 0 9 0 0	- - - 72	+ 7	+ 6	0.2	- 3.0	0.7	4
	Sukkur	000 62	0 xx xx	98 00 0	086 00	0 0 9 0 0	- - - 08	000 66	0 xx xx	96 00 0	065 81	0 0 9 0 0	- - - 78		—	0.5	—	1.0	4
	Padidan	000 62	0 23 02	93 00 0	067 05	0 0 9 0 0	- - - 07	000 54	0 00 00	98 00 0	056 77	0 0 9 0 0	- - - 72	—	—	0.8		0.9	
	Karachi (*Manora*)	003 69	0 27 02	99 00 0	084 81	0 0 9 0 0	- - - 25	000 65	0 00 00	98 00 0	089 76	0 0 9 0 0	- - - 74	- 3	- 6	1.6	- 4.5	1.6	8
	Karachi (*A. F.*)	000 68	0 31 16	99 00 1	080 97	0 0 9 0 0	- - - 04	000 64	0 00 00	98 00 0	090 78	0 0 9 0 0	- - - 78		—	2.0		2.0	
	Badin	000 56	0 05 03	97 00 0	072 93	0 0 9 0 0	- - - 08	000 57	0 27 08	97 00 0	089 78	0 0 9 0 0	- - - 69	—	—	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 74	0 31 03	97 00 0	058 02	0 0 9 0 0	- - - 07	000 58	0 36 03	97 00 0	095 82	0 0 9 0 0	- - - 73	—	—	2.8	—	2.3	—
	Hyderabad	000 59	0 23 02	97 00 0	066 07	0 0 9 0 0	- - - 09	000 54	0 09 03	97 00 0	098 80	0 0 9 0 0	- - - 74	+10	+ 2	1.8	- 4.3	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 43	0 29 02	98 17 1	022 78	5 7 7 2 0	- - - 82	000 41	1 02 02	98 01 9	037 55	0 0 9 4 0	- - - 53	—	—	0.7	—	10.5	12
	Jalalabad							000 54	0 00 00	97 00 1	998 78	0 0 9 0 0	- - - 70	—	—	0.5	—	4.9	—
	Kandahar	000 60	0 00 00	98 00 0	952 82	0 0 9 3 0	- - - 85	000 50	0 00 00	97 00 0	984 57	0 0 9 0 0	- - - 49	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 14TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1D_HD_M T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	-												-	-	-	-	-	4
	Jask	-												-	-	-	-	-	4
	Mashed	-												-	-	-	-	-	10
	Bushire													-	-				11
Arabia	Muscat	000 77	1 13 05	97 00 0	102 86	0 0 0 0 0	- - - 01	000 77	0 31 05	97 00 0	122 87	0 0 0 0 0	- - - xx	0	—	0	- 0.1	1.3	4
	Sharjah	—																—	4
	Kuwait	000 xx	1 07 02	97 00 0	113 90	0 0 0 0 2	- - - 01	000 xx	0 20 05	97 00 0	117 85	0 0 0 0 0	- - - 74	—	—	0	—	1.5	4

* Barometer readings reduced to 1 geodynamic Kilometre : 3,350-3,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	0 $T_s T_s T_d T_d$	1$d_w d_w P_w H_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Corfu	73 177	680 00	1 22 11	98 02 0	087 81	11 5 00	6 4 300	—	0 00 75	—
Kromaru	73 087	692 00	3 29 09	98 03 1	110 83	22 4 x1	6 4 503	—	—	—
Jalakrishna	73 201	711 03	0 02 04	96 00 2	129 84	xx x xx	—	—	—	—
Resource	73 209	593 08	2 23 08	99 02 0	151 80	23 6 00	5 4 104	—	0 02 74	1 23 xx
Jaljawahar	73 182	616 06	0 36 02	98 09 1	152 81	00 9 00	—	—	—	—
Corfu	73 173	661 06	1 33 15	96 02 0	110 86	11 5 00	6 6 112	—	0 05 65	—
Khosrou	73 184	708 06	3 29 03	98 02 1	109 00	37 6 00	6 3 205	—	0 04 55	1 29 24
Rizwani	73 161	619 12	0 32 09	98 02 0	101 85	00 9 00	—	—	—	—
Jalaganga	73 137	745 12	6 22 04	98 03 1	084 83	21 7 00	7 4 301	—	0 03 77	1 03 xx
Circassia	73 160	548 00	5 24 18	96 02 1	071 80	21 5 00	—	—	—	—
Karanja	73 093	556 12	1 00 00	99 02 0	132 90	10 6 08	5 5 315	—	0 52 64	1 00 xx
Khosrou	73 183	700 12	1 24 10	98 01 0	074 84	00 9 80	8 3 200	—	0 51 78	1 34 13
Corfu	73 168	644 12	1 33 15	98 02 0	102 83	11 5 00	6 6 300	—	0 03 76	—
Jalaganga	73 141	741 18	4 30 06	98 01 0	110 82	42 7 00	7 4 301	—	0 01 76	1 20 xx
Khosrou	73 180	692 18	7 23 10	98 02 0	092 84	37 6 00	6 3 300	—	0 02 78	1 35 23
Corfu	73 163	626 18	2 26 09	98 02 0	122 81	21 5 00	6 6 105	—	0 01 70	—
Jaljawahar	73 158	587 18	0 32 02	98 00 1	142 81	00 9 00	...	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			P1P1h1h1h1		T1T1Td1Td1Tx1 etc.				5555		h1h1P1P1P1			T1T1Td1Td1Tx1 etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 16	006 31	168 60	000 25	211 47	854 99	245 14	700 46	146 21	509 44	549 97	302 02	809 97	555 55	159 60	320 23	329 00	280 16	678 00	325 43	455 00	957 92	514 90	659 91	943 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. †† 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T of previous day † Height in Thousands of Feet †† 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	5	7	10	15	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	26 01	27 02	27 04	25 08	25 06	—	—	—	—	—	21 06	24 06	25 06	27 08	22 02	23 07	24 02	29 02	30 02	30 04	30 09	—	—	—
Dhaka	36 07	03 06	01 06	33 07	10 02	11 15	08 12	11 11	35 05	29 20							03 15	02 13	34 15	02 03	06 00	09 08	05 19	07 19
Chittagong	26 05	34 03	02 03	35 06	31 04	31 06	31 09	—			34 06	25 05	01 08	—	—		34 08	35 07	36 08	—	—	—	—	—
Cox's Bazar								—	—	—	34 12	34 12	36 15	30 12	35 12	33 10								
Dacca	17 01	29 04	25 05	27 02	30 05	29 07	31 07			—	35 03	28 05	31 07	34 06			02 08	36 06	25 03	31 05	34 09	33 14	32 17	33 17
Dalbandin	—	—	15 00	15 12	16 07	15 16	20 15	22 13	24 11	—		—	31 05	36 04	19 10	20 08	—		29 05	36 04	24 04	35 03	32 06	36 14
Drosh		—		—	21 06	19 08	19 10	26 22	—	—	—		—	03 04	01 14	34 04	—	—		—	03 10	03 13	35 13	31 17
Fort Sandeman	—		—	25 04	27 04	25 08	22 15	25 14	—					23 10	31 10	32 15				22 05	28 06	31 17	36 11	—
Peshawar	23 05	21 09	21 14	21 19	22 14	11 07	32 06	22 06	—	—	24 07	24 05	21 06	31 06	01 09	36 15	03 02	22 02	27 04	28 02	01 11	01 07	35 09	—
Chaltan	19 01	18 01	23 02	31 11	30 08	29 14	29 10	29 07	—	—	19 02	30 04	31 18	32 14	35 14	34 15	05 02	32 06	30 06	30 17	33 14	31 18	31 10	29 19
Fiwani									—	—														—
Karachi	31 21	29 11	27 11	27 12	19 11	18 15	12 18	09 04	03 08	27 13	36 25	30 14	27 18	28 05	18 09	11 08	30 17	29 17	27 18	17 06	15 14	06 08	07 14	03 15
Khanpur	28 04	35 03	35 05	26 13	12 07	35 06	30 08	30 12	—	—	26 13	25 03	24 03	33 06	18 05	29 03	35 19	35 19	24 21	21 14	20 07	09 15	33 09	31 13
Lahore	34 08	31 03	33 08	31 10	31 16	31 17	33 34	33 42	—	—	33 04	31 06	32 09	34 10	34 14	33 17	19 04	25 06	37 08	31 15	22 16	36 10	34 29	33 30
Multan	15 05	13 05	19 07	26 07	29 08	30 05	29 08	33 10	37 27	—	23 07	33 09	23 09	34 13	25 10	35 07	17 09	28 06	29 13	36 14	25 09	33 04	33 31	33 13
Peshawar	..	05 06	05 02	27 04	27 07	27 13	31 03	28 17	27 24	26 46	—	12 19	34 07	32 11	33 17	33 13	..	24 03	27 06	31 13	30 14	29 17	31 13	29 21
Quetta					13 10	16 11	23 13	34 17	25 33						30 06	30 10	—	—	—	—	25 06	33 13	31 12	30 17
Bushire						—					—	—	—	—	—							—	—	—
Shiraz						—																		

Cloud Observation Data (iiiGG Cddv. v_t)

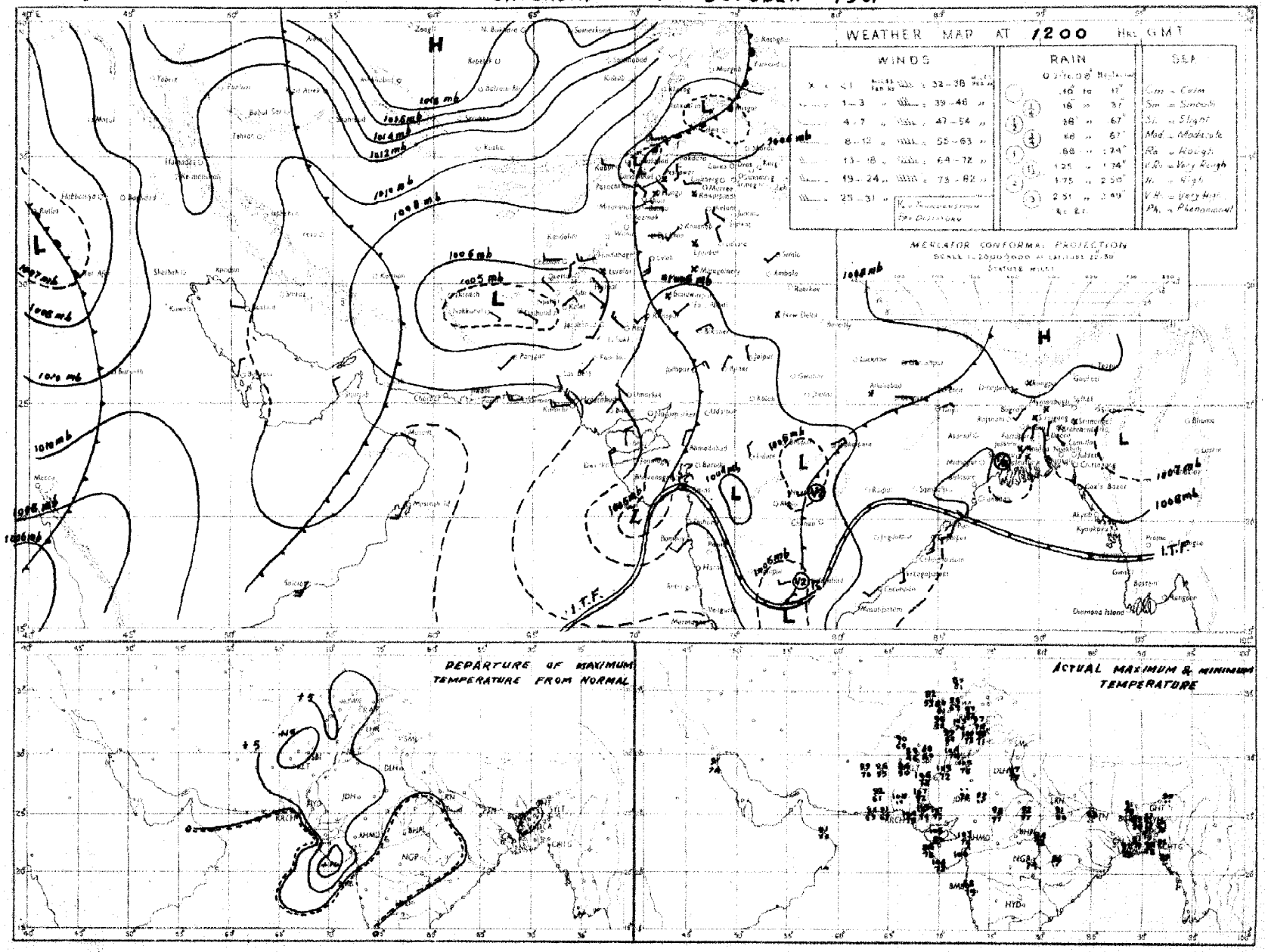
Drosh 51508 42210

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots
† The actual time of observations may vary within half an hour of the specified time
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

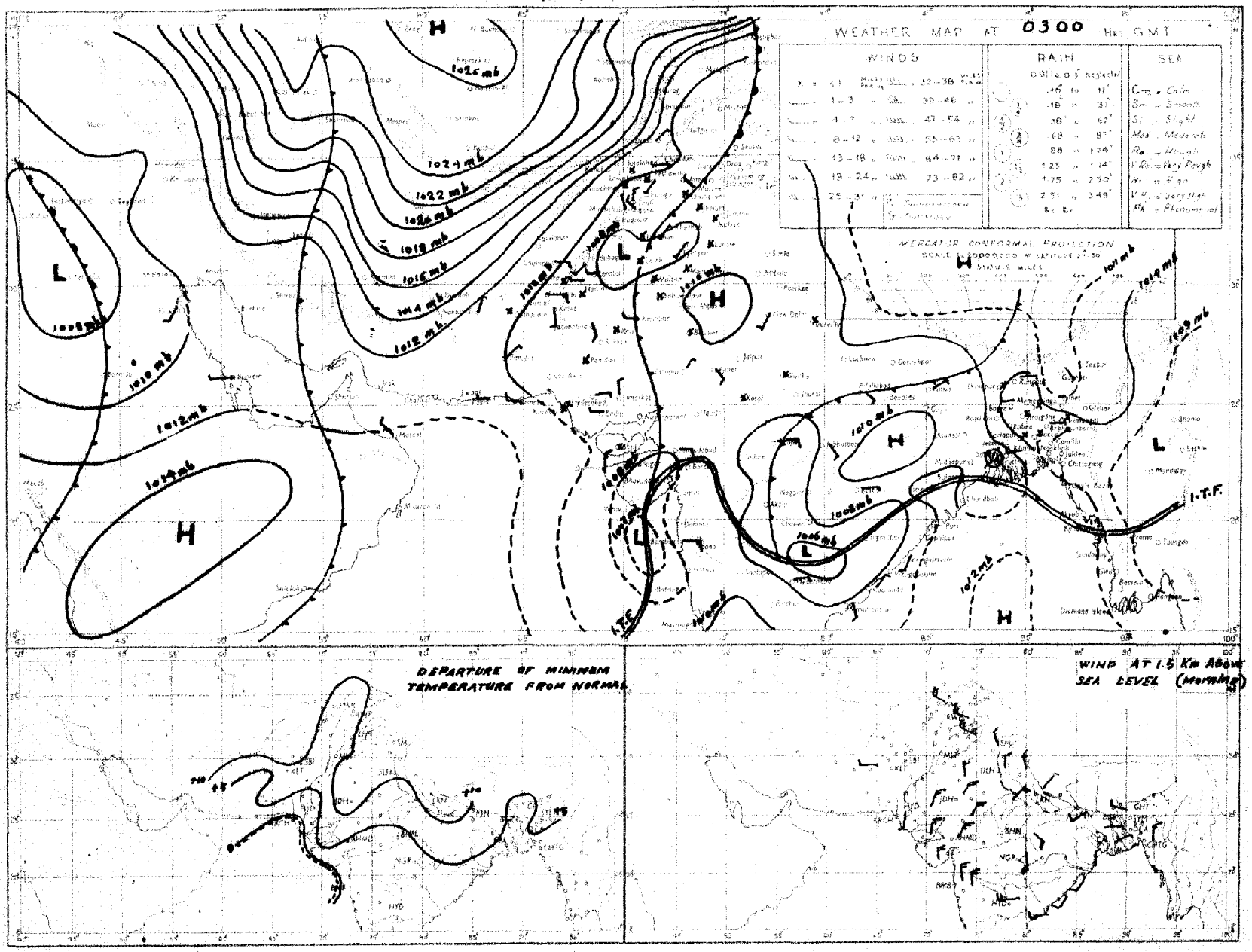
SATURDAY 13th. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 14th. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR MONDAY, THE 15TH OCTOBER, 1951

(*Published by the authority of the Government of Pakistan*).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low lies off Konkan Kathiawar coast.
Low pressure area over central Burma persists and is likely to move westwards.
The western disturbance is moving eastwards across north Iraq.
Local rain/thunderstorms have occurred in the Eastern sub-division of East Pakistan.
Weather remained dry in West Pakistan.

Chief amounts of rainfall are :—Brahmanbaria 1½"; Srimangal 1" and Chittagong ¾".

Day temperatures were markedly to considerably above normal over West Pakistan outside Sind-Mekran Coast.

Forecast valid until the evening of 16th :—Scattered thunderstorms/showers will occur in East Pakistan, the upper North-West Frontier Province and Kashmir.

Heat spell in Sind and Baluchistan is likely to prolong for the next two days.

LIBRARY
APR 28 [illegible]
WEATHER BUREAU

Karachi-11.
The 15th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_HD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_HD_MT_nT_n$	T_xT_x	T_nT_n	Since 1st April 31 to date	Departure from normal	Since 1st Jan. 31 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29
EAST PAKISTAN	Cox's Bazar	000 78	1 00 00	98 01 1	062 84	1 2 7 0 0	- - - 89							+2					140
	Chittagong	000 79	2 ×× ××	97 02 1	063 84	1 5 7 0 8	9 ×× 91	077 75	8 00 00	98 95 9	085 77	8 7 6 0 0	5 ×× 73	+4	-1	103.7	+22.7	133.5	108
	Noakhali	007 79	4 00 00	95 02 6	××× 87	2 2 5 0 1	- - - 90	007 79	7 05 02	96 08 4	××× 84	6 2 5 2	- - - 84	+3	+0	—			115
	Comilla	000 81	8 00 00	99 01 1	047 91	2 2 7 0 1	- - - 90	000 65	8 36 05	98 03 1	100 75	8 5 7 0 0	- - - 69	+1	-5	118.2	+61.2	125.7	96
	Brahmanbaria	000 79	0 00 00	97 00 1	058 89	0 0 9 0 0	- - - 93	162 74	8 13 06	98 03 1	086 80	8 5 5 0 0	- - - 75	—	—	61.8	+9.1	71.0	78
	Dacca	×× 79	8 00 00	97 02 0	046 85	1 2 6 0 1	4 ×× 91	×× 79	5 27 02	97 03 2	076 83	4 8 5 4 0	6 ×× 79	—		—	—	—	—
	Narayanganj	000 80	— —	— —	—	—	9 0 × 98	000 75	7 13 03	96 03 4	071 82	7 4 5	- - - 81	+4	+5	86.2	+14.9	85.1	74
	Mymensingh	600 81	4 00 00	99 91 1	046 88	4 1 6 0 0	- - - 88	000 78	4 00 60	99 01 1	074 84	4 1 6 0 0	- - - 80	0	+6	48.7	-18.1	56.8	91
	Srimangal	000 81	3 00 00	95 01 1	050 85	3 2 6 0 0	- - - 92	110 73	5 18 02	96 02 0	089 77	4 8 6 0 1	5 5 × 70	+2	-1	78.3	+12.5	102.4	98
	Khulna	000 70	2 23 02	98 00 0	051 87	2 8 8 0 0	- - - 94	000 79	4 23 02	98 01 0	082 87	4 8 3 0 0	- - - 79	—	—	43.2	-8.1	52.1	68
	Satkhira	000 87	5 23 02	97 03 1	042 89	4 4 7 6 0	- - - 01	000 80	6 23 02	97 08 1	074 87	4 4 7 6 0	- - - 79	—	—	33.5	-15.5	42.2	65
	Jessore	000 79	1 00 00	97 02 1	057 87	1 8 6 0 0	- - - 95	000 80	7 23 06	97 01 0	076 84	7 8 6 0 0	- - - 77	—	—	33.9	-12.3	41.0	66
	Faridpur	000 81	6 13 02	96 03 1	054 88	5 5 6 1 0	9 ×× 87	000 78	4 27 02	96 03 1	079 86	2 5 6 1 0	9 ×× 79	0	+4	48.0	-1.8	54.3	71
	Barisal	000 79	3 27 02	97 01 1	050 88	2 2 6 0 8	- - - 01	000 79	4 27 02	98 01 1	080 85	4 4 6 0 0	- - - 79	+3	+4	58.0	-1.5	68.6	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 81	4 00 00	98 02 2	038 86	4 2 7 0 0	- - - 89	000 80	6 27 02	98 02 2	070 84	6 2 7 0 0	- - - 79	+1	+4	50.8	+2.9	60.8	64
	Bogra	000 79	3 00 00	96 01 1	047 88	4 1 7 0 1	- - - 93	000 79	6 28 03	96 03 1	071 86	4 5 6 7 0	- - - 80	+5	+6	34.2	-19.3	41.0	69
	Dinajpur	000 79	8 00 00	95 00 0	047 88	0 0 9 0 0	- - - 95	000 76	0 00 00	97 00 0	089 85	0 0 9 0 0	- - - 78	+4	+4	42.0	-15.0	47.2	75
	Rangpur	000 ××	2 00 00	96 02 1	— —	2 0 8 1 0	- - - —	000 ××	5 09 02	97 02 1	— —	5 5 8 0 0	- - - ××	—	—	68.4	+3.2	77.7	86
KASHMIR	Srinagar†																		...
	Gulmarg††																		—
	Sonamarg (a)																		—
	Dras†																		—
	Leh††																		—
	Skardu†																		—
	Gilgit*																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 65	0 00 00	96 00 0	026 98	0 0 9 0 0	- - - 01	000 60	0 07 02	96 00 0	041 78	0 0 9 0 0	- - - 73	+7	+10	5.9	-3.3	10.2	18
	Lahore	000 70	0 00 00	96 00 0	083 97	0 0 9 0 0	- - - 99	000 65	0 13 02	96 00 0	054 81	0 0 9 0 0	- - - 71	+3	+11	10.6	-3.9	14.7	19
	Sialkot	000 65	1 27 02	97 03 1	033 94	1 2 6 0 0	- - - 98	000 67	0 13 02	97 00 0	056 81	0 0 9 0 0	- - - 76	+5	+12	13.8	-9.9	18.7	32
	Jhelum	000 67	0 00 00	97 00 0	027 96	0 0 9 0 0	- - - 98	000 67	0 00 00	96 00 0	063 79	0 0 9 0 0	- - - 70	—	—	16.6	—	25.8	—
	Rawalpindi	000 61	0 27 02	98 00 0	030 91	0 0 9 0 0	- - - 96	000 50	0 36 02	97 05 1	061 76	0 0 9 0 0	- - - 67	+6	+9	14.9	-9.0	26.7	30
	Murree†	000 48	0 31 03	98 00 0	964 67	0 0 9 0 0	- - - 75	000 45	0 09 00	98 00 0	963 64	0 0 9 0 0	- - - 59	+8	+9	22.4	14.2	44.0	59
	Attock	××× ××	0 09 05	98 00 0	—	0 0 9 0 0	- - - —	××× ××	0 02 05	98 00 0	—	—	- - - —			—	—	—	—
	Khushab	000 66	0 09 05	97 00 0	029 02	0 0 9 0 0	- - - 02	000 67	0 00 00	98 00 0	048 85	0 0 9 0 0	- - - 74	+7	+9	3.1	-7.2	8.0	16
	Montgomery	000 70	0 00 00	97 00 0	078 02	0 0 9 0 0	- - - 04	000 63	0 00 00	96 00 0	042 79	0 0 9 0 0	- - - 73	+6	+7	2.5	-5.0	6.1	10
	Leiah	000 94	0 00 00	97 00 0	023 03	0 0 9 0 0	- - - 05	000 71	0 00 00	97 00 0	036 78	0 0 9 0 0	- - - 67		—	0.9	—	6.6	8
	Multan	000 58	0 00 00	97 00 0	033 01	0 0 9 0 0	- - - 05	000 57	0 00 00	96 00 0	037 77	0 0 9 0 0	- - - 69	+10	+5	3.8	-1.1	6.9	7
	Khanpur	000 50	0 28 03	95 05 0	033 02	0 0 9 0 0	- - - 05	000 54	0 23 03	05 05 0	039 78	0 0 9 0 0	- - - 70	—	—	0.3	-4.5	1.9	4
	Bahawalpur	000 74	0 00 00	97 00 0	085 00	0 0 9 0 0	- - - 06	000 55	0 23 05	97 00 0	087 77	0 0 9 0 0	- - - 80	—	—	1.9	-2.3	5.0	8
	Fort Abbas	000 95	0 23 03	96 00 0	029 05	0 0 9 0 0	0 ×× 07	000 69	0 23 02	96 00 0	047 76	0 0 9 0 0	0 ×× 71		—	2.8	—	3.7	6
N. W. F. P.	Drosh*	000 44	4 18 02	99 03 1	941 82	1 1 8 3 1	6 × 4 36	000 30	0 00 00	99 00 1	979 63	0 0 9 0 0	9 ×× 62	+8	+8	1.8	—	22.0	18
	Chakdara	000 60	0 27 02	99 00 0	014 91	0 0 9 0 0	- - - 96	000 52	0 20 02	98 00 0	065 71	0 0 9 0 0	- - - 62			6.5	—	13.6	—
	Cherat*	000 65	0 09 02	97 00 0	957 85	0 0 9 0 0	- - - 89	000 60	0 36 07	98 02 0	956 73	0 0 9 0 0	- - - 60	+10	+10	6.7	-5.5	28.8	20
	Peshawar	000 56	2 00 00	97 08 1	022 93	1 1 7 0 0	- - - 98	000 54	0 30 00	97 00 0	058 72	0 0 9 0 0	- - - 66	+9	+5	1.8	-2.8	9.1	14
	Parachinar	000 30	0 05 02	99 00 0	004 79	0 0 9 0 0	- - - 84	000 40	0 36 02	99 00 0	956 66	0 0 9 0 0	- - - 47	+9	+7	10.5	—	28.0	20
	Miranshah	000 53	0 07 03	98 07 4	953 92	0 0 9 0 0	- - - 95	000 39	0 34 03	98 07 4	953 84	0 0 9 0 0	- - - 70	—	—	3.6	-1.2	10.5	13
	Bannu	000 65	0 09 02	99 00 0	016 90	0 0 9 0 0	- - - 98	000 57	0 00 00	99 00 0	034 76	0 0 9 0 0	- - - 73	—	—	0.9		5.6	11
	D. I. Khan	000 65	0 00 00	96 00 0	029 99	0 0 9 0 0	- - - 01	000 59	0 05 02	96 00 0	034 72	0 0 9 0 0	- - - 71	+7	+8	1.1	-4.4	2.3	9
	Wana																		11
	Landikotal	000 71	1 31 02	99 02 1	938 90	1 4 6 0 0	- - - 91	000 51	0 00 00	99 00 0	947 70	0 0 9 0 0	- - - 60		—	2.4	—	12.9	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—		—	—	—
	Thull	××× ××	0 18 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 22	0 00 00	97 05 0	072 91	0 0 9 0 0	- - - 92	000 83	0 00 00	96 05 0	975 76	0 0 9 0 0	- - - 67	+10	+14	4.1	-0.9	10.0	11
	Hindubagh	000 28	0 20 10	97 00 0	971 82	0 0 9 0 0	- - 87	000 29	0 28 05	98 00 0	930 72	0 0 9 0 0	- - - 60	—	—	0.2	—	3.5	—
	Loralai	000 28	0 13 05	96 00 0	050 87	0 0 9 0 0	- - - 93	000 66	0 00 00	98 00 0	968 71	0 0 9 0 0	- - - 62	—	—	1.7	—	8.1	—
	Harnai (a)	000 ××	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 13 02	95 00 0	— —	0 0 9 0 0	- - - —			2.0	-5.5	10.6	14
	Sibi	000 33	0 03 05	99 00 0	960 07	0 0 9 0 0	- - - 08	000 46	0 00 00	98 00 0	052 75	0 0 9 0 0	- - - 59	—	—	2.2	—	3.8	5
	Quetta†	000 36	0 24 07	99 00 0	984 83	0 0 9 0 0	- - - 83	000 44	0 02 02	99 00 0	980 65	0 0 9 0 0	- - - 51	—	—	0.8	-0.3	9.3	9
	Chaman	000 34	0 34 02	97 00 0	974 87	0 0 9 0 0	- - - 90	000 35	0 16 03	97 00 0	998 72	0 0 9 0 0	- - - 65	+10	+12	0	-0.2	9.8	8
	Nushki	000 64	0 31 07	97 00 0	037 93	0 0 9 0 0	- - - 96	000 44	0 09 03	97 00 0	056 74	0 0 9 0 0	- - - 69		—	0	—	5.5	—
	Dalbandin*	000 32	0 13 02	98 06 0	984 96	0 0 9 0 0	- - - 97	000 37	0 00 00	98 00 0	995 66	0 0 9 0 0	- - - 60	+7	+9	0	-0.3	1.8	4
	Nokkundi	000 72	0 34 02	99 00 0	043 98	0 0 9 0 0	- - - 00	000 51	0 02 09	99 00 0	091 85	0 0 9 0 0	- - - 73	—	—	0	—	0.9	2
	Kalat†	000 55	0 31 05	98 00 0	001 77	0 0 9 0 0	- - - 81	000 39	0 18 05	98 00 0	003 65	0 0 9 0 0	- - - 56	+6	+15	0.8	-0.4	4.7	7
	Turbat	000 68	0 28 02	97 00 0	076 06	0 0 9 0 0	- - - 06	000 58	0 08 02	98 00 0	070 81	0 0 9 0 0	- - - 73	—	—	0		1.4	—
	Panjgur*	000 32	0 31 02	97 00 0	974 93	0 0 9 0 0	- - - 96	000 46	0 05 02	97 00 0	967 73	0 0 9 0 0	- - - 59	+9	+5	0	—	3.2	5
	Las Bela																		9
	Ormara	000 75	0 27 09	97 00 0	062 85	0 0 9 0 0	- - - 87	000 66	0 00 00	97 00 0	072 77	0 0 9 0 0	- - - 69	—		0.3	0.5	3.1	6
	Pasni	000 62	0 23 09	98 00 0	065 89	0 0 9 0 0	- - - 95	000 64	0 27 03	98 08 0	078 74	0 0 9 0 0	- - - 70	+3	+3	0.8	-0.1	6.0	6
	Jiwani																		4
SIND	Rohri	000 93	0 27 05	98 00 0	060 04	0 0 9 0 0	- - - 08	000 67	0 18 08	96 00 0	050 76	0 0 9 0 0	- - - 65	—		1.7	—	2.3	—
	Jacobabad	000 45	0 20 03	97 00 0	041 04	0 0 9 0 0	- - - 08	000 58	0 00 00	99 00 0	043 78	0 0 9 0 0	- - - 70	+7	+4	0.2	2.0	0.7	4
	Sukkur	000 66	0 ×× ××	98 00 0	042 00	0 0 9 0 0	- - - 08	000 65	0 00 00	96 00 0	052 76	0 0 9 0 0	- - - 74			0.5	—	1.0	4
	Pad Idan	000 61	0 27 06	98 00 0	045 03	0 0 9 0 0	- - - 08	000 53	0 00 00	98 00 0	050 78	0 0 9 0 0	- - - 65	—	—	0.8		0.9	
	Karachi (Manora)	000 73	0 27 09	99 00 0	063 80	0 0 9 0 0	- - - 82	000 72	0 00 00	99 00 0	066 75	0 0 9 0 0	- - - 72	-5	-1	1.5	-4.5	1.6	3
	Karachi (A. P.)	000 64	0 27 10	97 00 1	060 98	0 0 9 0 0	- - - 05	000 63	0 00 00	98 00 0	065 73	0 0 9 0 0	- - - 70	—	—	2.9		3.0	
	Badin	000 55	0 00 00	97 00 0	063 01	0 0 9 0 0	- - - 09	000 61	0 27 03	97 00 0	062 79	0 0 9 0 0	- - - 69	—	—	7.0	-0.2	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 74	0 31 06	97 00 0	037 05	0 0 9 0 0	- - - 08	000 53	0 00 00	97 00 0	051 78	0 0 9 0 0	- - - 75	—	—	3.3	—	2.3	—
	Hyderabad	000 59	0 18 03	97 00 0	046 05	0 0 9 0 0	- - - 10	000 58	0 09 00	96 00 0	051 77	0 0 9 0 0	- - - 74	+11	+2	1.8	-4.3	2.9	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul	000 40	5 11 02	98 03 1	020 79	1 8 3 0 4	- - - 83	000 23	0 20 12	98 00 0	003 96	0 0 9 0 0	- - - 53	—	—	0.7	—	10.6	12
	Jalalabad	000 59	3 27 02	97 01 0	089 98	0 0 9 4 0	3 × 9 00	000 56	0 00 00	97 00 1	994 72	0 0 9 0 0	9 ×× 63	—	—	0.5	—	6.9	—
	Kandahar	000 55	0 23 05	98 00 0	944 89	0 0 9 0 0	- - - 94							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 15TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_sD_M T_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_sD_M T_nT_n$	Departure from Normal T_x T_x	T_n T_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Masheé	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Muscat	000 78	1 31 02	97 01 0	092 88	0 0 9 0 1	- - - 89	000 75	0 31 05	97 00 0	109 87	0 0 9 0 0	- - - xx	- 2	—	0	- 0.1	3.5	4
	Bharian	—																	4
	Kuwait	000 xx	0 05 07	97 00 0	097 90	0 0 9 0 0	- - - 92	...	—	—	—	—	—	—	—	—	—	—	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,712 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049.-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-31.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	S $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Gorfu	12 160	609 00	2 25 09	98 02 0	110 89	21 5 00	8 6 602	—	0 00 72	—
Jalakrishna	18 198	680 03	0 24 11	96 00 0	185 81	00 9 00	—	—	—	—
City of Lyons	13 220	658 96	2 24 14	98 01 8	102 82	20 9 01	8 5 102	—	0 00 73	1 34 32
Masimpur	18 206	680 00	2 36 22	98 02 0	087 85	00 9 41	—	—	—	—
Khosrou	12 176	675 66	2 32 10	80 01 1	101 80	00 9 08	8 3 605	—	0 01 78	1 32 22
Jaljawahar	13 151	558 06	0 00 00	98 00 0	195 79	00 9 00	—	—	—	—
Khosrou	12 175	667 12	0 35 10	98 00 1	085 84	80 9 00	6 3 360	—	0 00 77	1 34 22
Jal awahar	13 147	545 12	3 00 09	98 02 0	126 81	60 9 01	6 5 xxx	—	...	—
Alavi	12 159	591 12	0 32 05	80 00 0	109 84	00 9 00	2 5 510	—	0 01 77	1 32 22
Jalaganga	13 168	739 12	4 27 06	98 01 1	100 86	21 5 05	7 3 361	—	0 01 76	1 40 xx
City of Clyons	13 194	669 18	1 00 02	98 00 0	073 82	00 9 01	8 5 000	—	0 52 74	1 34 32
Jalaganga	12 178	729 18	x 24 05	98 02 1	088 83	32 6 41	7 4 501	—	0 00 77	1 29 20
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :— iiiGG				PoPoPoToTo		TdoTdoTxoX1X2			PiPrhrhihr		T1T1Td1Td1T11 etc.				5555	hihrPiPrPi			T1T1Td1Td1T11 etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	780 14	004 89	185 89	000 18	311 71	884 94	259 48	700 73	156 02	509 41	589 01	893 01	829 01	555 55	129 49	340 91	389 06	290 84	678 00	210 82	817 68	170 22	466 90	057 02	705 87

FPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. †† 1	2	3	4	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	7	10	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	4	7	10	15	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	25 06	26 07	25 04	29 07	38 05	—	—	—	—	—	23 17	24 13	26 10	27 11	—	—	25 12	27 16	28 11	—	—	—	—	—
Dhho	36 09	35 06	30 04	31 06	36 06	02 04	06 10	04 10	04 10	01 10	—	—	—	—	—	—	36 09	35 13	36 15	32 08	19 06	02 11	01 09	35 09
Chittagong	31 10	33 10	32 08	33 06	31 07	—	—	—	—	—	—	No	ascent	—	—	—	31 08	33 10	32 10	31 08	31 08	33 03	29 03	29 15
Cox's Bazar	31 10	34 10	35 10	35 10	36 13	35 10	33 13	31 35	29 02	07 01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	27 04	27 04	28 05	31 07	31 10	—	—	—	—	—	27 13	27 12	26 11	29 10	28 10	29 09	25 03	25 06	26 05	28 06	27 11	27 09	—	—
Balbandir	—	—	11 01	16 01	36 06	36 06	23 03	27 17	28 20	27 25	—	—	35 12	11 11	02 07	02 07	—	—	—	36 15	35 32	34 21	—	—
Drosz	—	—	—	—	01 02	01 04	27 03	30 17	—	—	—	—	—	12 01	04 03	02 10	—	—	—	—	05 04	36 04	01 09	27 06
Fort Bandemar	—	—	—	25 02	28 03	31 10	28 15	29 29	29 29	27 43	—	—	—	26 10	36 12	33 14	—	—	—	35 07	30 10	34 14	33 10	30 26
Sac o babac	27 06	26 03	30 04	30 07	35 09	35 09	31 08	27 10	38 13	29 22	25 11	24 09	24 09	28 11	31 11	—	33 12	34 21	34 18	34 15	34 18	33 10	30 07	—
Jnetta	35 02	28 02	31 06	30 35	31 30	—	—	—	—	—	18 01	17 96	29 02	39 07	30 13	31 17	05 02	18 13	18 16	34 09	30 11	30 15	31 23	29 25
Siwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	28 17	29 18	29 12	29 08	16 04	07 11	08 10	02 02	34 16	33 18	26 17	26 14	26 12	27 01	02 16	02 12	29 20	29 18	30 18	35 17	36 10	05 15	—	—
Khanpur	24 11	21 14	20 13	26 07	18 17	18 07	31 09	32 15	33 17	30 30	25 21	24 11	26 09	27 08	21 01	01 15	25 25	27 24	29 22	28 13	29 09	09 02	32 19	32 17
Lahore	30 09	27 06	30 06	30 10	32 14	31 19	30 19	32 25	30 27	29 37	16 06	30 06	25 05	25 05	28 04	28 08	19 02	19 07	19 05	22 02	21 02	27 03	31 10	32 27
Multan	31 03	30 02	30 07	35 13	27 11	29 17	28 15	29 27	—	—	22 17	22 18	22 19	23 15	27 18	31 08	32 10	22 12	23 15	35 07	31 05	35 06	38 08	30 25
Peshawar	...	08 66	18 04	29 08	29 16	30 10	30 23	28 30	27 23	28 45	—	33 07	34 08	28 15	29 28	30 15	—	34 04	34 03	33 11	28 21	30 19	26 08	29 29
Quetta	—	—	—	—	31 12	33 07	33 08	35 28	29 31	28 30	—	—	—	—	33 15	31 16	—	—	—	—	31 15	30 29	—	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bharian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

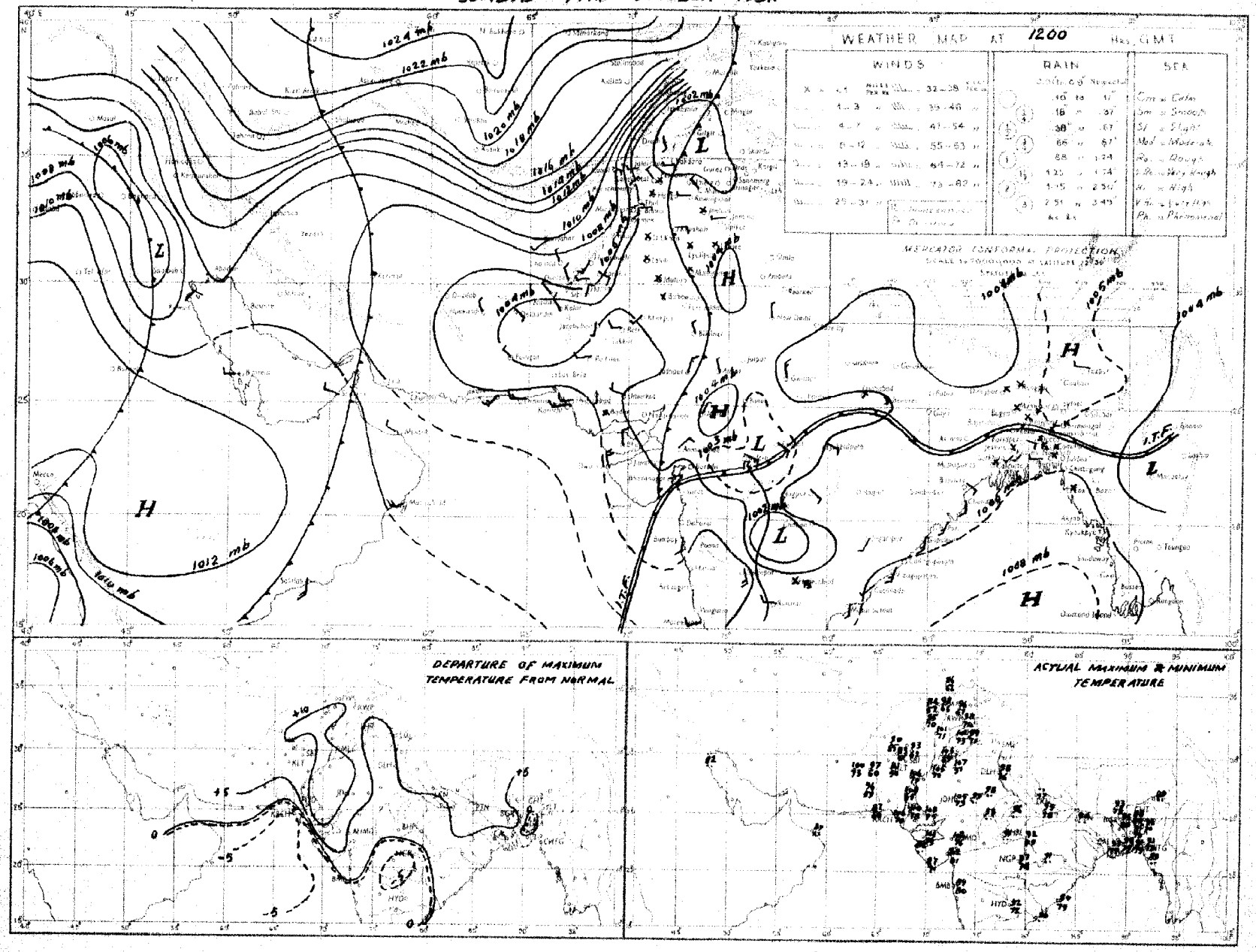
Cloud Observation Data (iiiGG Cddv$_e$ v$_r$)

* Wind directions are expressed in tens of degrees counting from North through East and speed is knots
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.5, 2.0, 4.5 6.0, 7.5, and 9.0 um The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

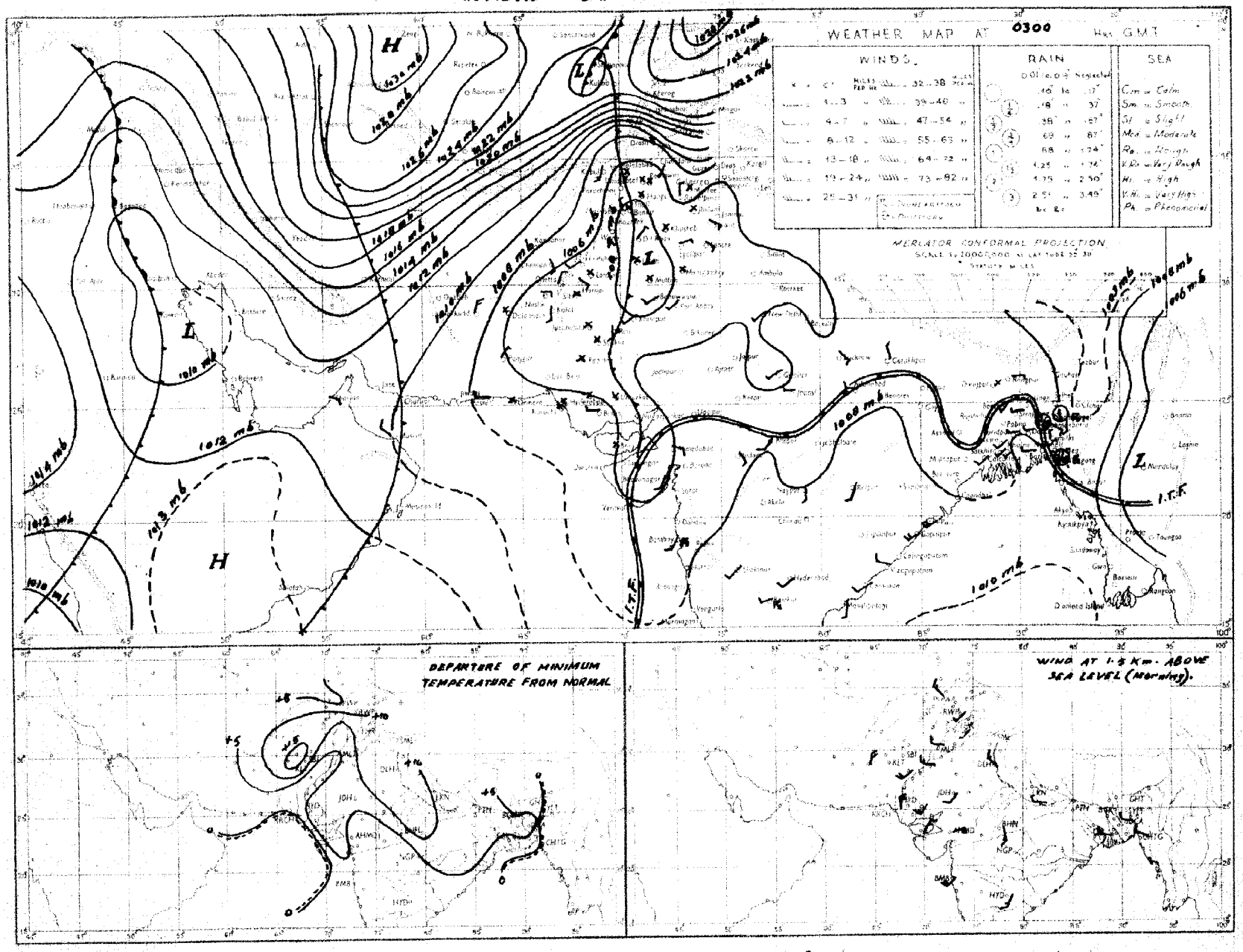
SUNDAY 14th. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 15th. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR TUESDAY, THE 16TH OCTOBER, 1951

(*Published by the authority of the Government of Pakistan*).

LIBRARY APR 28 1952 WEATHER BUREAU

Summary of observations recorded at 0300 hrs. G. M. T.

The trough of low off Konkan Kathiawar coast persists. It is likely to move northnortheastwards.
An extensive low lies over the plains of Punjab.
Steep pressure gradient exists over Baluchistan.
The low pressure wave from central Burma is moving westwards into east central Bay of Bengal.
The western disturbance over Iraq persists.
Local rain with scattered thunderstorms has occurred in East Pakistan.

Chief amounts of rainfall are :—Narayanganj, Sirajganj 3" each; Jessore 2"; Srimangal 1½"; Mymensingh 1" and Chittagong and Bogra ½" each.

Day temperatures were markedly to considerably above normal over West Pakistan outside southeast Baluchistan and coastal Sind and appreciably to markedly below normal over Eastern districts of East Pakistan.

Forecast valid until the evening of 17th :—Fairly widespread rain/thunderstorms will occur in East Pakistan and scattered in Kashmir. Scattered dust/thunderstorms will also occur in the North-West Frontier Province. Widespread dust-raising wind/dust in suspension over Baluchistan and adjoining Sind.

Karachi-11.
The 16th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
DIVISION	STATION	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\ C_M\ C_H$	$W_tD_HD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\ C_MC_H$	$W_tD_HD_MT_nT_n$	T_xT_x	T_nT_n	Since 1st April 31 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29
EAST PAKISTAN	Cox's Bazar																		140
	Chittagong	000 77	5 18 02	96 02 0	089 81	8 3 5 7 0	- - - 55	062 76	7 07 02	97 02 9	080 76	3 1 6 7 0	- - - 75	- 2	+ 2	104.2	+ 23 1	184.1	108
	Noakhali	000 76	7 36 02	04 03 1	××× 85	5 9 5 2 3	- - - 90	071 79	8 05 02	96 08 6	××× 84	3 1 5 2 0	- - - 84	+ 3	+10	—	—	—	115
	Comilla	098 77	8 38 02	98 03 1	029 79	8 4 7 0 0	- - - 81	098 77	8 31 02	98 03 1	092 80	8 4 9 0 0	9 0 0 76	- 8	+ 2	119.3	+52 2	126 7	94
	Brahmanbaria	026 74	8 00 00	96 02 6	033 77	8 4 5 0 0	4 × × 81	061 73	8 00 00	96 63 9	092 75	2 7 4 2	2 × 0 74	—	—	61 7	+ 9.5	71 6	78
	Dacca	235 75	8 13 02	94 51 6	027 75	4 9 5 2 -	- - - 29	××× 72	8 00 00	95 95 9	084 73	8 9 4 - -	2 × × 70	—	—	—	—	—	—
	Narayanganj	×-× 72	8 00 00	95 95 9	027 73	8 0 7 2 -	- - - 90	323 75	8 00 00	93 63 6	082 76	8 0 6 2 -	- - - 71	+ 1	- 4	69.5	+17.9	98.4	74
	Mymensingh	116 79	8 00 00	96 02 6	028 82	8 7 7 - -	- - - 86	116 78	8 09 02	97 02 6	085 81	8 6 6	0 × × 77	- 2	+ 3	49 8	- 17 2	57.9	91
	Srimangal	028 75	8 05 02	94 93 9	034 78	8 5 5 - -	- - - 86	028 76	7 00 00	96 02 1	076 77	4 8 6 8 2	0 5 2 72	- 5	+ 2	75.8	+12.6	102 7	98
	Khulna	000 73	8 05 04	96 03 0	040 79	8 7 7 -	- - - 92	170 77	6 28 02	97 01 1	076 80	6 8 7 0 0	- - - 72	—	- 1	44.9	- 6.5	58.7	68
	Satkhira							086 79	6 18 02	97 08 6	067 83	4 4 7 6 0	- - - 72		0	34 3	- 14 9	43.1	65
	Jessore	041 75	8 00 00	95 03 6	038 78	8 8 6 0 0	3 0 9 94	231 77	3 28 03	97 01 6	089 81	1 8 6 0 6	9 6 × 71	—	- 3	86.2	10.2	48 2	69
	Faridpur	032 72	8 00 00	95 95 6	047 75	7 7 5 1 0	- - - 85	100 72	8 07 02	95 96 9	080 74	8 7 5 0 0	8 × × 72	- 9	- 2	49.0	- 1.1	55.3	71
	Barisal	260 73	8 36 05	94 97 1	052 74	8 7 6 × ×	0 × × 90	347 76	6 13 02	97 01 9	073 81	3 4 6 7 3	9 × × 73	+ 3	- 1	61 5	+ 1.7	73 1	81
	Pabna																		59
	Rampur Boalia																		54
	Sirajganj	304 73	8 00 00	92 91 6	086 75	8 7 6 0 0	- - - 84	310 73	8 13 05	99 02 2	065 75	8 4 7 0 0	9 0 0 73	- 4	0	53.9	+ 5.9	68 9	64
	Bogra	053 73	8 00 00	96 02 0	033 77	5 5 5 2 -	- - - 90	052 74	8 13 03	96 03 6	083 73	5 8 5 1 -	9 × 0 75	+ 2	+ 2	34.7	19 1	41.5	69
	Dinajpur	000 67	8 00 02	96 51 2	037 78	8 4 7 0 0	- - - 94	000 73	8 00 00	97 02 2	074 88	8 4 7 0 0	- - - 75	+ 5	+ 3	42 9	- 16 2	47.2	72
	Rangpur	000 ××	8 07 02	95 03 1	— —	8 6 8 0 0	- - - —	000 ××	8 07 02	96 03 1	— —	8 5 8 0 0	- - - —	—	—	68 4	+ 2 9	77.8	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 61	0 00 00	96 00 0	997 97	0 0 9 0 0	- - - 01	000 64	0 05 02	96 00 0	006 75	0 0 9 0 0	- - - 73	+ 7	+12	5.9	- 3.3	10.2	18
	Lahore	000 71	0 00 00	98 00 0	008 95	0 0 9 0 0	- - - 03	000 61	0 13 02	96 05 0	016 81	0 0 9 0 0	- - - 72	+ 7	+14	10.6	3.9	14.7	19
	Sialkot	000 64	2 00 00	97 03 1	005 94	2 4 6 0 0	- - - 98	000 65	1 13 04	97 02 1	015 81	0 0 9 0 2	- - - 73	+ 6	+12	12.8	19.9	18.7	32
	Jhelum	000 66	0 20 02	97 00 0	005 95	0 0 9 0 0	- - - 97	000 66	0 34 02	96 00 1	022 77	0 0 9 0 0	- - - 70	—	—	16 5	—	25.8	—
	Rawalpindi	000 59	0 03 00	98 00 1	008 87	0 0 9 0 0	- - - 97	000 63	0 00 00	96 05 1	029 76	0 0 9 0 0	- - - 69	+ 7	+13	14 9	9.0	25.7	36
	Murree †	000 60	0 23 02	98 00 0	964 66	0 0 9 0 0	- - - 71	000 42	2 31 07	97 01 2	934 60	0 0 9 8 0	- - - 56	+ 4	+ 6	22 4	14.3	44.0	50
	Attock	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 19 18	96 00 3	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Khushab	000 67	0 11 05	98 00 0	998 97	0 0 9 0 0	- - - 00	000 61	0 07 05	98 00 0	013 84	0 0 9 0 0	- - - 72	+ 5	+ 10	8 1	- 7.2	8.0	15
	Montgomery	000 57	0 00 00	96 00 0	996 02	0 0 9 0 0	- - - 04	000 67	0 00 00	96 00 0	003 76	0 0 9 0 0	- - - 69	+ 6	+ 6	2.5	- 5.0	6.1	10
	Leiah	000 95	0 00 00	97 00 0	991 02	0 0 9 0 0	- - - 06	000 64	0 18 02	97 00 0	005 77	0 0 9 0 0	- - - 68	—	—	0.9	—	6.6	8
	Multan	000 57	0 18 02	97 00 0	995 02	0 0 9 0 0	- - - 06	000 57	0 31 05	96 00 0	007 71	0 0 9 0 0	- - - 67	+11	+ 5	3.8	- 1.1	6.9	7
	Khanpur	000 51	0 03 02	94 04 0	993 03	0 0 9 0 0	- - - 06	000 50	0 23 02	95 05 0	003 78	0 0 9 0 0	- - - 70	—	+ 9	0.8	4.5	1.9	4
	Bahawalpur	000 66	0 00 00	97 00 0	999 99	0 0 9 0 0	- - - 05	000 55	0 20 03	97 00 0	006 74	0 0 9 0 0	- - - 69	—	+ 8	1.9	2.8	6.0	4
	Fort Abbas	000 95	0 28 08	96 00 0	999 06	0 0 9 0 0	- - - 08	000 68	0 28 02	96 00 0	003 74	0 0 9 0 0	- - - 69	—	—	2.8	—	3.7	8
N. W. F. P.	Drosh *	000 46	2 25 10	98 01 1	901 88	2 2 7 0 0	6 × × 89	000 48	3 00 00	99 01 1	944 63	0 0 9 4 0	- - - 62	+10	+10	1 8	—	22 0	16
	Chakdara	000 57	0 13 03	99 00 0	091 87	0 0 9 0 0	- - - 98	000 55	0 20 03	97 00 0	006 74	0 0 9 0 0	- - - 61	—	—	6 5	—	18.8	—
	Cherat *	000 50	0 18 09	97 00 0	981 88	0 0 9 0 0	- - - 87	000 31	0 36 21	97 00 0	926 70	0 0 9 0 0	- - - 68	+ 8	+11	6.7	- 5.5	33.8	20
	Peshawar	000 60	1 00 00	96 02 1	998 90	1 1 7 0 0	- - - 96	000 27	1 29 09	95 07 1	018 86	0 0 9 0 1	- - - 71	+ 7	+11	1.8	- 2.8	9.1	14
	Parachinar	000 34	3 13 02	99 01 1	938 78	0 0 9 8 0	4 × 9 86	000 26	0 00 00	99 00 1	945 69	0 0 9 0 0	- - - 67	+11	+19	10 5	—	28.0	28
	Miranshah	000 61	0 07 05	98 07 4	014 92	0 0 9 0 0	- - - 98	000 30	0 34 03	99 00 0	914 92	0 0 9 0 0	- - - 69	—	—	3.6	- 1 2	10.5	13
	Bannu	000 50	0 13 02	99 00 0	596 89	0 0 9 0 0	- - - 00	000 54	0 00 00	99 00 0	023 77	0 0 9 0 0	- - - 72	—	—	0.9	—	5.8	11
	D. I. Khan	000 67	0 02 02	96 00 0	995 99	0 0 9 0 0	- - - 00	000 64	0 06 04	96 00 0	024 78	0 0 9 0 0	- - - 69	+ 6	+ 8	1.1	- 4.4	2.2	9
	Wana																		11
	Landikotal	000 61	1 13 08	99 02 1	902 85	1 1 6 0 0	- - - 92	000 51	0 31 00	99 07 9	926 75	0 0 9 0 0	- - - 70	—	—	2 4	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 09	97 00 0	— —	0 0 9 0 0	- - - —	—	—		—	—	—
	Thull	××× ××	0 22 03	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 09 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 18	0 00 00	96 05 0	937 90	0 0 9 0 0	- - - 92	000 32	0 00 00	96 05 0	945 78	0 0 9 0 0	- - - 65	+10	+16	4.1	- 8.9	10.0	11
	Hindubagh	000 26	0 23 18	97 00 0	941 81	0 0 9 0 0	- - - 87	000 38	0 31 12	97 00 0	949 65	0 0 9 0 0	- - - 58	—	—	0.2	—	3.5	—
	Loralai	000 34	0 00 00	96 00 0	940 90	0 0 9 0 0	- - - 92	000 34	0 28 05	96 00 0	928 66	0 0 9 0 0	- - - 61	—	—	1.7	—	8.1	—
	Harnai (a)	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 05 05	96 00 0	— —	0 0 9 0 0	- - - —		—	2.0	- 5.5	10.6	14
	Sibi	000 14	0 31 05	99 00 0	988 09	0 0 9 0 0	- - - 10	000 37	0 31 09	98 00 0	010 60	0 0 9 0 0	- - - 62	—	—	2.2	—	3.3	5
	Quetta †	000 32	0 29 07	99 00 0	962 79	0 0 9 0 0	- - - 81	000 40	0 34 01	97 00 0	943 59	0 0 9 0 0	- - - 47	—		0.8	- 0.3	9.3	9
	Chaman	000 42	0 34 03	97 00 0	957 85	0 0 9 0 0	- - - 87	000 41	0 23 02	97 00 0	980 62	0 0 9 0 0	- - - 59	+ 7	+19	0	- 0.3	8.6	6
	Nushki	000 56	0 29 14	97 00 0	026 91	0 0 9 0 0	- - - 93	000 45	0 93 07	96 00 0	048 71	0 0 9 0 0	- - - 64	—	—	0	—	4.5	—
	Dalbandin *	000 47	0 31 07	98 00 0	971 94	0 0 9 0 0	- - - 96	000 48	0 31 02	95 05 0	079 70	0 0 9 0 0	- - - 65	+ 6	+ 15	0	- 0.3	1.5	4
	Nokkundi	000 66	0 24 24	95 09 0	060 91	0 0 9 0 0	- - - 98	000 58	0 29 18	95 07 1	110 60	0 0 9 0 0	- - - 64	—	—	0	—	0.9	2
	Kalat †	000 54	0 26 05	98 00 0	986 73	0 0 9 0 0	- - - 78	000 42	0 18 05	98 00 0	974 50	0 0 9 0 0	- - - 42	+ 1	+ 4	0.8	0.5	4.7	7
	Turbat	000 68	0 08 05	96 00 0	048 03	0 0 9 0 0	- - - 95	000 58	8 08 02	96 00 0	075 89	0 0 9 0 0	- - - 77	—	—	0		1.4	—
	Panjgur *	000 41	0 31 10	97 00 0	967 30	0 0 9 0 0	- - - 96	000 44	0 31 07	97 00 0	974 69	0 0 9 0 0	- - - 59	+ 9	+ 5	0	—	2.2	5
	Las Bela	000 71	0 00 00	99 00 0	004 10	0 0 9 0 0	- - -114	000 59	0 00 00	99 00 0	031 85	0 0 9 0 0	- - - 66	—	—	1.6	—	1.7	8
	Ormara	000 63	0 27 13	96 00 0	023 87	0 0 9 0 0	- - - 99	000 58	0 27 02	97 00 0	037 87	0 0 9 0 0	- - - 81	—	—	0.3	0.5	3.1	6
	Pasni	000 50	0 27 09	96 00 0	080 95	0 0 9 0 0	- - - 02	000 24	0 26 05	96 00 0	038 69	0 0 9 0 0	- - - 73	+12	+ 6	9.8	- 0.1	5.0	6
	Jiwani																		4
SIND	Reti	000 58	0 18 03	98 00 0	001 06	0 0 9 0 0	- - - 09	000 47	0 18 03	96 00 0	011 78	0 0 9 0 0	- - - 69	—	—	1.7	—	2.2	—
	Jacobabad	000 30	0 23 03	97 00 0	001 07	0 0 9 0 0	- - - 08	000 43	0 20 03	97 00 0	014 07	0 0 9 0 0	- - - 73	+ 9	+ 9	0.2	- 3.0	0.7	4
	Sukkur	000 40	0 ×× ××	96 00 0	007 01	0 0 9 0 0	- - - 03	000 68	0 00 ××	96 00 0	013 76	0 0 9 0 0	- - - 71	—	—	0.5	—	1.9	4
	Pad Idan	000 48	0 00 00	98 00 0	012 04	0 0 9 0 0	- - - 06	000 57	0 00 00	98 00 0	014 74	0 0 9 0 0	- - - 68	—	—	0.3	—	0.9	—
	Karachi (Manora)	003 75	0 25 09	99 00 0	029 79	0 0 9 0 0	- - - 88	000 75	0 00 00	91 45 4	028 75	0 0 9 0 0	8 × × 74	- 2	- 1	1.6	- 4.5	1.6	8
	Karachi (A. P.)	000 72	0 20 10	98 00 0	026 95	0 0 9 0 0	- - - 05	000 75	8 00 00	96 02 4	029 77	8 6 3 0 0	- - - 72	—	—	2.9	—	3.0	—
	Badin	000 50	0 27 03	97 00 0	021 01	0 0 9 0 0	- - - 10	000 73	0 23 05	97 00 9	036 75	0 0 9 0 0	- - - 72	+ 2	+ 4	7.0	- 0.2	7.8	9
	Nagarparkar																		
	Chhor (Umarkot)	000 57	0 27 05	97 00 0	016 05	0 0 9 0 0	- - - 11	000 74	0 23 07	97 00 0	023 78	0 0 9 0 0	- - - 71	—	—	2.3	—	2.3	—
	Hyderabad	003 58	0 09 08	97 00 0	012 04	0 0 9 0 0	- - - 10	000 75	8 23 09	96 03 0	034 77	8 6 3 0 0	- - - 74	+11	+ 4	1.6	- 4.3	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 32	1 03 00	93 01 0	003 72	0 0 8 4 0	- - - 82	000 32	1 25 02	93 01 0	996 51	1 1 8 4 0	- - - 48	—	—	0.7	—	10.5	12
	Jalalabad	000 70	1 27 04	97 01 0	986 90	0 0 9 4 0	2 9 × 97	000 67	1 28 08	96 01 1	081 80	0 0 9 0 1	2 0 - 71	—	—	0.5	—	6.9	—
	Kandahar							000 47	0 00 00	97 00 0	910 57	0 0 8 0 0	- - - 57		—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 16TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharba	-	-		-		-	-	-				-	-	-	-	-	-	-
	Jask	-	-	-	-		-	-	-				-	-	-	-	-	-	5
	Meshed	-	-		-		-	-	-				-	-	-	-	-	-	18
	Bushire		-				-	-	-				-	-	-	-	-	-	11
Arabia	Musca	000 70	0 31 09	97 08 0	077 91	0 0 9 0 0	- - - 93	000 68	0 31 13	97 08 0	081 91	0 0 9 0 0	- - - xx	+ 2	-	0	- 0.1	8.5	4
	Bhariah	-	-					-	-					-		-		-	4
	Kuwait	000 xx	0 11 03	97 00 0	097 90	0 0 9 0 0	- - - 91	3000 xx	0 20 09	97 00 0	113 88	0 0 9 0 0	- - - 79	-	-	0	-	1.5	3

* Barometer readings reduced to 1 geodynamic Kilometre (2,250-3,356 feet according to latitude..
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude..
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049,-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall..
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	1$d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Lyons	28 175	711 06	7 25 18	98 03 1	064 85	53 7 63	3 4 900	-	0 00 77	1 24 22
Masiunpur	23 123	633 06	4 24 10	98 03 0	091 83	11 6 01	-	-	-	-
Khosrow	23 167	637 19	0 32 09	98 00 1	074 83	00 9 00	6 3 805	-	0 01 74	1 23 22
Jehangir	28 187	721 12	1 23 10	97 03 2	080 85	11 × 09	5 3 900	6 1 820	0 00 85	1 22 22
Jehangir	28 185	711 18	8 22 09	96 03 3	067 84	63 6 00	6 3 814	5 6 830	0 00 88	1 22 22
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoXrX2			PrPrhrhrhr		TrTrTdrTdrTxr etc.				5555	hrhrPrPrPr		TrTrTdrTdrTxr etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	789 16	000 07	282 61	854 78	260 42	700 21	148 85	509 38	519 94	393 07	799 90	291 23	989 91	555 85	239 10	241 42	319 00	240 96	598 08	260 14	058 90	250 02	456 00	037 55	514 00

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ††										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ††						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ††							
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	-	-	-	No	ascent						14 09	-	-	-	-	-	-	-	-	-	-	-	-	-
Chhor	25 08	24 10	23 10	21 09	01 04	06 03	24 12	01 10	23 17	23 27	-	-	-	-	-	-	18 12	-	-	-	-	-	-	-
Chittagong	27 06	31 03	34 05	39 12	28 09	30 08	30 18	31 22	28 17	25 31	-	No	ascent	-	-	-	22 21	29 17	23 15	21 16	22 10	06 02	23 13	34 10
Cox's Bazar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18 03	18 13	19 13	21 10	23 11	23 11	01 03	31 09
Dacca	-	-	No	ascent	-	-	-	-	-	-	19 08	55 08	26 15	26 15	26 13	23 19	-	-	-	-	-	-	-	-
Dalbandin	-	-	-	31 05	33 01	22 13	15 17	33 17	33 10	29 17	-	-	32 09	05 03	33 21	34 35	-	-	No	ascent	-	-	-	-
Drosz	-	-	-	-	-	21 08	22 09	18 06	30 26	28 37	-	-	-	30 02	02 04	35 02	-	-	14 04	01 17	02 25	36 28	-	-
Fort Sandeman	-	-	-	-	27 07	27 07	31 03	27 12	28 37	19 45	-	-	-	22 03	25 03	30 13	-	-	-	-	33 03	13 01	27 03	26 10
Jacobabad	-	34 11	34 09	33 10	23 12	20 11	26 12	33 08	31 14	33 17	30 45	29 04	23 11	31 09	34 10	34 09	01 04	24 23	24 27	24 05	31 03	36 28	31 21	23 44
Jhelum	-	17 07	17 08	16 05	25 05	30 09	29 13	29 26	30 30	29 43	-	07 06	12 08	14 04	13 08	20 04	30 12	31 02	15 03	15 04	05 02	32 05	28 04	26 17
Jiwani	-	-	-	-	-	-	-	-	-	-	-	30 10	23 14	-	-	-	-	-	-	-	-	-	-	-
Karachi	-	28 18	28 17	34 09	30 06	26 07	26 03	25 11	01 10	-	-	-	-	-	-	-	-	32 13	32 24	32 30	35 05	24 03	20 11	32 18
Khanpur	-	28 06	28 08	22 07	27 07	22 10	26 07	30 35	30 11	31 25	29 35	-	-	-	-	-	-	34 30	35 11	33 11	35 09	35 07	13 03	30 14	30 24
Lahore	-	20 04	16 03	15 06	15 05	28 06	29 13	31 18	30 36	28 35	29 59	-	-	-	-	-	-	10 07	13 11	13 11	13 06	05 03	25 10	27 08	27 40
Multan	-	32 07	33 08	34 08	27 04	25 08	15 15	27 11	30 23	19 34	-	21 22	20 13	23 19	25 17	24 13	36 13	35 07	31 17	33 14	30 07	26 12	28 07	29 44
Peshawar	-	-	08 03	13 02	30 04	29 17	27 23	28 23	29 17	30 41	-	-	-	-	-	-	-	-	31 17	30 19	29 31	-	-	-
Quetta	-				-	29 16	25 13	35 20	30 26	24 37	30 45	-	-	-	-	27 11	31 27	-	-	-	-	30 09	34 31	-
Bushire	-						-					-	-	-	-	-		-	-	-		-	-	-
Bhariah	-						-					-	-	-	-			-	-	-		-	-	-

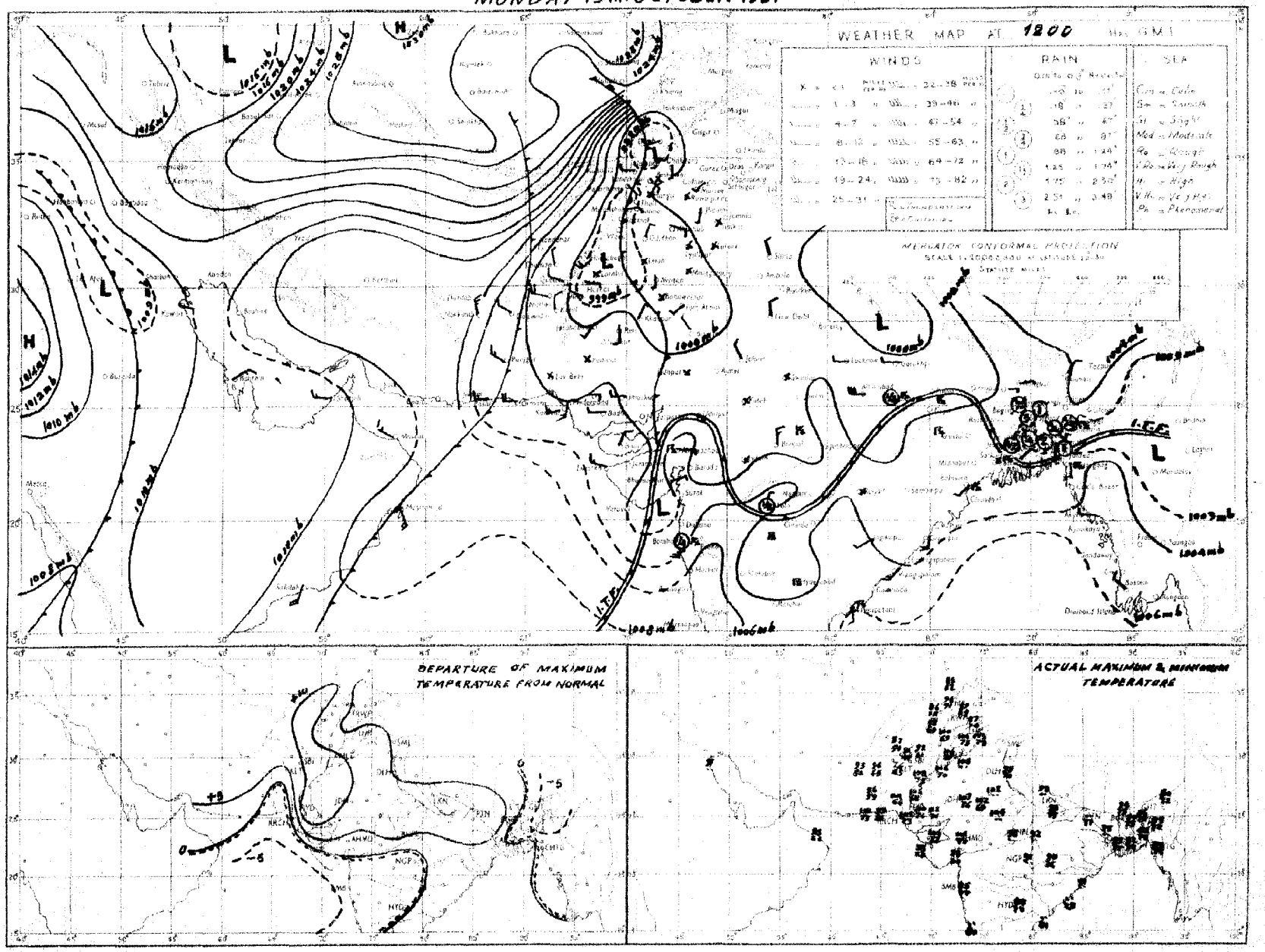
Cloud Observation Data (iiiGG Cddv, v_r)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.2, 1.5 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

S P. W.

PAKISTAN DAILY WEATHER MAP

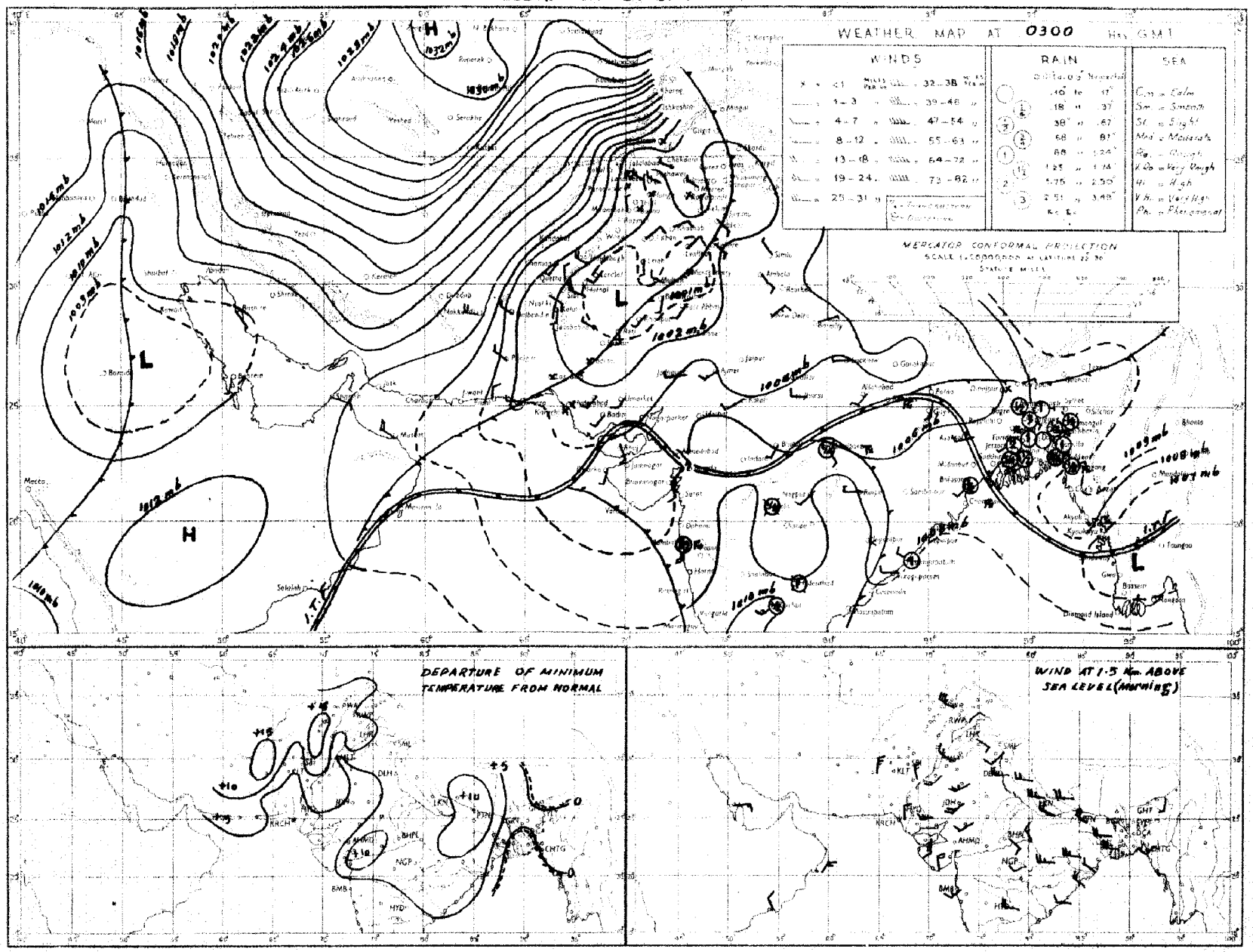
MONDAY 15th: OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 3 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 16th. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past **24** *hours.*

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR WEDNESDAY, THE 17TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The trough of low off Konkan-Kathiawar coast moved inland and is less marked.
An extensive low lies over the plains of Punjab and adjoining areas.
Steep pressure gradient persists over Baluchistan.
The low pressure wave from Central Burma has moved into east central Bay.
The western disturbance now lies over southwest Iran.
Local rain/thunderstorms has occurred in East Pakistan. Dust raising winds have also occurred in Baluchistan.

Chief amounts of rainfall are :—Rangpur 1½"; Cox's Bazar 1"; Jessore ¾" and Satkhira, Srimangal and Dinajpur ½" each.

Day temperatures were markedly to considerably above normal over West Pakistan outside Baluchistan and coastal Sind.

Forecast valid until the evening of 18th :—Local thunderstorms/showers will occur in East Pakistan and scattered in Kashmir. Dust-raising winds/dust in suspension over Baluchistan and adjoining Sind.

Karachi-11.
The 17th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$ C$_H$	W$_t$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date: RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_n$T$_n$	Departure from Normal: T$_x$T$_x$	T$_n$T$_n$	Rainfall: Since 1st April 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29
EAST PAKISTAN	Cox's Bazar	000 78	4 18 03	96 01 9	050 82	4 2 6 0 0	8 x x 89	105 79	7 19 03	96 03 9	984 85	4 2 6 4 0	8 x 0 75	+ 3	+ 2				140
	Chittagong	000 76	4 18 45	97 02 1	036 82	2 1 6 7 0	0 x 9 87	016 76	4 11 05	97 02 6	079 82	2 1 6 7 0	9 x 9 75	0	+ 2	104.5	+ 23 1	134 2	108
	Noakhali	004 77	7 18 05	94 03 2	xxx 83	4 9 5 2 3	- x x 90	004 77	5 18 02	96 02 4	xxx 83	3 2 5 1 0	- - - 76	+ 4	+ 2	—	-	—	115
	Comilla	000 79	6 00 00	98 03 1	032 83	6 4 7 0 0	- - - 84	000 77	5 19 09	98 01 1	060 83	5 4 7 0 0	- - - 75	- 4	+ 2	110 8	+52 0	126 7	94
	Brahmanbaria	000 75	2 00 00	97 02 1	037 84	2 4 5 0 0	- - - 85	000 77	4 99 00	97 03 1	072 84	4 5 5 0 0	- - - 74	—	—	61.7	+ 9.3	71 6	78
	Dacca	x-x 76	2 00 00	97 02 9	027 80	2 2 5 4 0	8 x x 86	xxx 74	8 00 90	96 02 1	066 83	8 6 6 0 4	3 x x 72	—		—	—	—	—
	Narayanganj	004 78	8 00 00	97 01 6	034 82	1 2 5 2 0	9 x 0 84	004 76	8 00 00	94 03 6	061 85	3 6 5 - -	9 x x 77	4	+ 2	69.5	+17.8	88.4	74
	Mymensingh	000 79	8 00 00	98 02 2	028 82	8 4 7 - -	- - - 86	002 77	8 00 00	98 02 6	072 80	8 4 7 0 4	0 x x 76	- 1	+ 2	49 8	- 17 4	57 9	91
	Srimangal	000 77	3 00 00	95 01 1	034 80	2 2 5 0 2	- - - 86	039 76	6 00 00	97 02 6	072 79	4 8 6 0 3	5 5 x 74	- 4	+ 4	75.6	+12.7	108 1	98
	Khulna	010 77	8 20 02	96 54 0	087 78	8 7 6 - -	- - - 92	010 79	7 16 02	97 08 0	069 83	7 5 8 0 0	- - - 76	+ 5	+ 3	44.0	- 6.6	53.0	68
	Satkhira	050 78	8 12 02	96 64 9	019 86	8 2 6 4 0	- - - 91	045 81	8 18 02	97 08 6	058 84	4 4 7 6 0	- - - 75	+ 3	+ 8	34 8	- 14 6	43.5	65
	Jessore	070 75	8 18 05	95 65 2	032 78	8 8 6 - -	1 0 0 92	070 77	1 18 03	96 02 6	064 82	7 8 6 0 8	8 x x 75	+ 8	+ 1	36.9	- 9.7	44 0	65
	Faridpur	003 79	8 18 02	95 03 9	022 82	5 7 5 1 0	9 x x 83	002 77	5 19 02	97 92 1	056 80	4 5 6 1 0	9 x x 73	5	1	49.0	- 1.2	55.4	71
	Barisal	000 77	8 16 02	97 03 1	026 81	8 3 5 7 8	- - - 87	000 78	3 18 02	97 02 1	068 84	6 4 5 3 -	- - - 77	0	+ 3	61.5	+ 1 6	72 1	83
	Pabna																		58
	Rampur Boalia																		56
	Sirajganj	000 73	2 00 00	94 01 1	021 82	2 2 6 0 0	- - - 85							- 2					84
	Bogra	000 76	5 00 00	96 01 1	025 81	3 1 7 0 6	- - - 84	000 72	6 09 02	96 01 1	067 73	3 8 6 7 0	- - 74	- 3	+ 1	34 7	19 4	41.8	69
	Dinajpur	000 72	5 00 00	96 02 2	036 82	0 0 9 2 0	- - - 85	052 74	6 09 02	97 02 6	077 79	0 0 9 2 0	9 0 0 72	- 3	0	43 5	- 15.9	47.5	72
	Rangpur	000 xx	6 09 02	96 02 1	— —	6 5 8 0 0	- - - xx	100 xx	6 05 02	96 01 6	— —	6 5 8 0 0	5 0 0 —	—	—	70 0	+ 4.2	79.4	86
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Mingar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 62	0 00 00	96 00 0	960 96	0 0 9 0 0	- - - 98	000 65	0 02 04	96 00 0	998 73	0 0 9 0 0	- - 70	+ 5	+ 9	5.9	- 3 3	10.2	18
	Lahore	000 65	0 00 00	96 00 0	965 93	0 0 9 0 0	- - - 99	000 61	0 00 00	96 00 0	007 73	0 0 9 0 0	- - - 65	+ 5	+ 7	19.6	- 4.0	14.7	19
	Sialkot	000 63	0 05 02	97 00 0	983 93	0 0 9 0 0	- - - 99	000 50	0 00 00	97 00 0	011 83	0 0 9 0 0	- - - 76	+ 7	+15	13.8	10.0	18.7	22
	Jhelum	000 68	0 00 00	97 00 0	984 92	0 0 9 0 0	- - - 99	000 58	1 00 00	96 01 0	021 75	1 1 7 0 0	- - - 68	—	—	16.5	—	26.8	—
	Rawalpindi	000 46	0 00 00	97 00 0	994 85	0 0 0 0 0	- - - 91	000 54	3 00 00	98 01 1	030 74	3 5 6 0 0	- - - 63	+ 2	+ 7	14.8	- 9.0	25.7	28
	Murree †	000 35	6 29 02	96 02 1	926 63	4 9 4 5 0	- - - 70	000 41	3 00 09	97 01 1	932 62	3 1 4 8 0	- - - 54	+ 5	+ 5	22.4	14.3	44.0	50
	Attock	xxx xx	7 20 05	96 02 3	— —	7 0 6 2 0	8 0 0 —	xxx xx	1 00 00	98 01 0	— —	1 x 7 0 0	- - - xx	—		—	—	—	—
	Khushab	000 65	0 11 05	98 00 0	982 95	0 0 9 0 0	- - - 98	000 49	0 05 02	98 00 0	011 84	0 0 9 0 0	- - - 78	+ 4	+ 11	8 0	- 7.3	8.0	15
	Montgomery	000 62	0 00 00	97 00 0	967 98	0 0 9 0 0	- - - 00	000 71	0 00 00	96 00 0	011 68	0 0 9 0 0	- - - 68	+ 4	+ 5	2.5	- 5.0	6.1	10
	Leiah	000 87	0 00 00	97 00 0	074 98	0 0 9 0 0	- - - 07	000 69	0 00 00	97 00 0	008 78	0 0 9 0 0	- - 72	—	—	0.0	—	6.6	8
	Multan	000 60	0 00 00	97 00 0	978 01	0 0 9 0 0	- - - 08	000 59	0 00 00	97 00 0	009 77	0 0 9 0 0	- - - 70	+ 9	+ 8	3 8	- 1.1	6.9	7
	Khanpur	000 58	0 25 03	95 05 0	978 02	0 0 9 0 0	- - - 05	000 59	0 23 03	94 04 0	020 73	0 0 9 0 0	- - 71	+10	+10	0.2	4.5	1.9	6
	Bahawalpur	000 70	0 00 00	97 00 0	981 95	0 0 9 0 0	- - - 04	000 53	0 20 03	97 00 0	015 71	0 0 9 0 0	- 66	+10	+ 5	1.8	2.3	5.0	6
	Fort Abbas	000 95	0 28 05	96 00 0	984 05	0 0 9 0 0	- - - xx	000 62	0 28 02	96 09 0	023 76	0 0 9 0 0	0 x x 69	—	—	2.8	—	5.7	6
N. W. F. P.	Drosh *	000 44	2 25 10	98 02 1	892 78	1 1 7 8 0	8 x 9 82	000 38	0 00 00	99 00 0	944 59	0 0 9 0 0	- - - 57	+ 5	+ 6	1.8	—	22.0	18
	Chakdara	000 51	0 19 02	99 00 0	938 86	0 0 9 0 0	- - - 91	000 41	0 23 03	98 00 0	944 65	0 0 9 0 0	- - - 56	—	—	0 5	—	16.8	—
	Cherat *	000 29	6 21 07	96 02 1	919 76	1 1 6 0 8	2 0 x 83	000 28	0 36 17	98 00 1	921 68	0 0 9 0 0	1 x x 61	+ 7	+ 4	0.7	- 5 6	28.8	29
	Peshawar	000 19	6 31 14	96 07 1	087 80	3 5 7 6 4	0 5 x 93	000 47	2 34 02	97 01 1	031 75	2 5 7 0 0	- 64	+ 6	+ 4	1.8	- 2.8	9 1	14
	Parachinar	000 20	4 12 02	98 02 1	898 79	2 2 7 6 0	5 x 7 80	000 25	0 00 00	99 00 1	910 63	0 0 9 0 0	3 x x 52	+ 6	—	10 5	—	28.9	33
	Miranshah	000 38	4 11 03	98 01 1	038 00	4 0 9 0 4	- - - 94	000 34	0 00 00	99 00 0	914 72	0 0 9 0 0	- - - 60	—	—	8.6	- 1 2	10.5	13
	Bannu	000 54	0 07 02	99 00 0	989 72	0 0 9 0 0	- - - 98	000 57	0 00 00	99 00 0	011 77	0 0 9 0 0	- - - 69	—	—	0.0	—	5.3	11
	D. I. Khan	000 68	0 05 02	98 00 0	980 97	0 0 9 0 0	- - - 97	000 65	0 03 00	96 00 0	007 76	0 0 9 0 0	- - - 75	+ 4	+14	1 1	4.4	2.3	9
	Wana																		11
	Landikotal	000 65	6 31 05	98 02 1	002 80	6 1 8 7 0	- - - 88	000 88	0 13 02	99 00 0	019 60	0 0 9 0 0	- - - 59	-	—	2 4	—	13.0	—
	Hangu	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—		—	—	—
	Thall	xxx xx	0 18 09	99 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 26 09	99 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 19	0 00 00	97 05 0	007 85	0 0 9 0 0	- - - 85	000 31	0 00 00	96 05 0	944 71	0 0 9 0 0	- - - 61	+ 6	+12	4.1	- 0.9	10.0	13
	Hindubagh	000 32	0 27 20	96 07 0	928 75	0 0 9 0 0	- - - 88	000 40	0 31 12	97 00 0	941 68	0 0 9 0 0	- - - 55	—	—	0.2	—	3.5	—
	Loralai	000 21	0 12 05	98 00 0	060 84	0 0 9 0 0	- - - 90	000 34	0 00 00	96 00 0	934 66	0 0 9 0 0	- - - 60	—	—	1.7	—	8.1	—
	Harnai (a)	000 xx	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 09 02	96 00 0	— —	0 0 9 0 0	- - - xx	—	—	2.0	- 5.5	10.6	14
	Sibi	000 27	0 23 05	99 00 0	967 07	0 0 9 0 0	- - - 03	000 27	0 31 05	99 00 0	014 86	0 0 9 0 0	- - - 74	—	—	2.2	—	5.8	5
	Quetta †	000 35	0 29 07	97 07 0	948 75	0 0 9 0 0	- - - 79	000 35	0 02 02	97 00 0	942 55	0 0 9 0 0	- - - 49	—	—	0.3	- 0.3	9.3	9
	Chaman	000 30	0 34 02	97 00 0	944 81	0 0 9 0 0	- - - 82	000 27	0 23 05	97 00 0	971 59	0 0 9 0 0	- - - 55	+ 3	+ 3	0	- 0.2	9.0	8
	Nushki	000 52	0 31 08	97 00 0	032 87	0 0 9 0 0	- - - 89	000 58	0 00 00	96 00 0	040 62	0 0 9 0 0	- - - 69	—	—	0	—	5.5	—
	Dalbandin *	000 52	0 31 07	98 05 0	981 90	0 0 9 0 0	- - - 10	000 48	0 90 00	94 06 0	972 64	0 0 9 0 0	- - - 56	+ 3	+ 6	0	- 0.3	1.8	4
	Nokkundi	000 67	0 24 13	96 07 1	060 85	0 0 9 0 0	9 x x 86	000 36	1 55 18	98 02 1	098 67	0 0 9 0 1	9 9 x 60	—	—	0	—	0.0	2
	Kalat †	000 54	0 21 08	98 00 0	065 69	0 0 9 0 0	- - - 75	000 39	0 19 03	98 00 0	962 47	0 0 9 0 0	- - - 41	+ 1	+ 2	0.8	- 0.5	4.7	7
	Turbat	000 66	0 02 07	95 07 0	082 01	0 0 9 0 0	- - - 04	000 60	0 02 02	96 00 0	082 80	0 0 9 0 0	- - - 55	—	—	0	..	1.4	—
	Panjgur *	000 28	0 36 17	94 05 0	959 88	0 0 9 0 0	- - - 84	000 28	0 05 03	97 00 0	976 68	0 0 9 0 0	- - - 89	3	+ 5	0	—	2.2	5
	Las Bela	000 75	0 00 00	99 00 0	984 11	0 0 9 0 0	- - - 13	000 63	0 00 00	99 00 0	027 93	0 0 9 0 0	- - - 67	—	—	1 2	—	1.7	8
	Ormara	000 71	0 00 00	96 00 0	001 98	0 0 9 0 0	- - - 02	000 51	0 18 02	96 00 0	032 90	0 0 9 0 0	- - - 86	—	—	0.3	- 0 5	3 0	6
	Pasni	000 36	0 35 16	95 07 0	017 02	0 0 9 0 0	- - - 03	000 48	0 00 00	94 00 0	046 79	0 0 9 0 0	- - - 75	+11	+ 3	0.8	- 0 1	5.0	6
	Jiwani																		4
SIND	Reti	000 53	0 27 07	96 00 0	992 05	0 0 9 0 0	- - - 09	000 62	0 18 05	96 00 0	022 77	0 0 9 0 0	- - - 69	—	—	1.7	—	2.2	—
	Jacobabad	000 41	0 18 03	97 00 0	083 08	0 0 9 0 0	- - - 07	000 30	0 31 07	96 00 0	015 79	3 0 9 0 0	- - - 76	+10	+12	0.2	- 2.0	0.7	4
	Sukkur	000 62	0 00 00	98 00 0	083 02	0 0 9 0 0	- - - 08	000 64	0 xx xx	96 00 0	012 77	0 0 9 0 0	- - - 74	—		0.5	—	1.0	4
	Pad Idan	000 60	0 24 02	98 00 0	992 02	0 0 9 0 0	- - - 03	000 64	0 00 00	98 00 0	019 72	0 0 9 0 0	- - - 67	—	—	0.8	—	0.9	-
	Karachi (*Manora*)	000 74	0 25 05	95 05 0	004 81	0 0 9 0 0	- - - 06	000 76	3 00 00	92 10 2	030 79	8 6 4 - -	- - - 75	- 1	+ 2	1 5	- 4 5	1 5	8
	Karachi (*A. P.*)	000 74	0 20 09	95 05 1	004 89	0 0 9 0 0	- - - 09	000 75	7 00 00	96 01 2	034 77	7 8 3 0 0	- - - 71	—	—	2.9	—	3.0	
	Badin	000 66	0 18 03	97 00 0	007 95	0 0 9 0 0	- - - 00	000 75	0 20 05	97 00 0	042 79	0 0 9 0 0	- - - 75	+ 5	+ 7	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 66	0 23 09	97 00 0	001 99	0 0 9 0 0	- - - 04	000 68	2 23 09	97 01 0	035 80	0 0 9 0 2	- x - 75	—	—	2.3	—	2.3	—
	Hyderabad	000 67	0 23 05	97 00 0	004 00	0 0 9 0 0	- - - 05	000 75	3 23 07	98 01 0	036 75	4 4 8 0 0	- - - 74	+ 7	+ 4	1.3	- 4.3	2.8	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul							000 28	0 29 03	98 00 0	972 43	0 0 9 0 0	- - - 40		—	0.7	—	16.5	12
	Jalalabad																		—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 17TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_DT_D$	Departure from Normal T_xT_x	T_DT_D	Rainfall Since 1st June 52 to date	Departure from normal	Since 1st Jan. 52 to date	Normal Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	-	-	-	...	-	-	-	-	-		-	-	-	-	-	-	-	4
	East	-	-			-	-	-	-	-		-	-	-	-	-	-	-	5
	Mashed	-	-			-	-	-	-	-		-	-	-	-	-	-	-	19
	Bushire		...			-	-	-	-			-	-	-	-	-	-	-	11
Arabia	Muscat	000 81	0 31 08	97 09 0	061 89	0 0 0 0 0	- - - 92	000 83	0 26 02	97 09 0	079 90	0 0 0 0 0	- - - xx	+ 2	...	0	- 0.1	3.3	4
	Sharjah	-												-		-	-	-	6
	Kuwait	000 xx	0 07 05	97 09 0	079 91	0 0 9 0 0	- - - 94	000 xx	0 31 03	97 00 0	084 83	0 0 9 7 0	- - - 79	-	...	0	-	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (2,850-2,856 feet according to latitude..

† Barometer readings reduced to 2 geodynamic Kilometre (5,699-5,712 feet according to latitude..

†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.

Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Clyons	33 132	740 06	5 20 18	98 15 1	101 83	23 4 61	8 4 104	-	9 00 77	1 20 22
Alavi	33 174	661 06	6 00 00	99 02 0	094 86	00 9 00	8 3 860	-	9 02 88	1 27 22
Jehangir	33 180	692 06	4 22 13	97 02 1	072 86	84 6 01	8 3 810	-	9 01 77	1 24 21
Dara	33 245	611 06	8 04 06	99 00 0	087 85	00 9 00	1 5 805	-	9 05 81	1 04 xx
Afghanistan	33 719	597 06	0 00 00	99 00 0	079 86	00 9 00	1 4 815	-	9 xx 77	1 00 x0
Jehangir	33 173	687 12	5 25 13	98 02 1	083 85	53 6 02	6 3 410	8 5 830	9 01 76	1 25 21
Strathnever	33 098	758 12	4 21 02	98 16 0	081 84	43 4 70	8 7 800	-	9 51 75	1 21 x0
Jehangir	33 176	675 18	4 25 13	98 05 1	073 83	44 6 01	8 8 812	8 3 830	0 51 76	1 24 21
Dumra	33 101	569 18	3 00 00	99 01 0	107 79	21 8 09	2 5 800	-	0 52 73	1 xx xx
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—		iiiGG		$P_oP_oP_oT_oT_o$		$T_dT_oT_dT_oX_1X_2$			$P_1P_1h_1h_1h_1$		$T_1T_1T_dT_dT_{x1}$ etc.				5555	$h_1h_1P_1P_1P_1$		$T_1T_1T_dT_dT_{x1}$ etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	998 29	225 61	854 73	259 91	700 19	149 97	509 25	529 97	301 81	819 94	555 85	169 50	329 90	319 00	299 84	658 00	229 91	446 00	079 94	785 26	008 80	494 00	695 94	823 50

PPP—Pressure in hundreds, tens and units of millibars, PP—Pressure in hundreds, and tens of millibars, hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8	9	10	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	17 02	-	-	-	-	-	-	-	-	-	18 15	-	-	...	-	-	11 13	25 11	22 12	26 17	28 20	-	-	-
Dhor	22 12	21 15	21 15	22 08	22 07	24 07	30 06	33 20	31 29	-	...	-	-	-	-	-	22 10	23 17	22 17	21 17	19 11	19 10	-	-
Chittagong	21 04	17 02	16 06	17 05	27 07	23 08	31 10	-	-	-	-	No	ascent	-	-	-	20 15	26 12	26 12	26 13	26 11	17 08	-	-
Cox's Bazar	31 10	24 10	25 10	25 10	26 10	26 12	32 11	35 12	29 12	25 06	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barcil	30 02	02 03	16 17	-	-	-	-	-	-	-	20 10	19 12	-	21 11	25 12	26 09	19 03	-	-	-	-	-	-	-
Dalbandin	-	-	03 02	03 04	25 12	25 29	26 08	32 23	-	-	-	-	34 13	01 03	08 10	34 15	-	-	27 04	29 23	23 26	23 47	-	-
Drost	-	-	-	-	21 06	22 08	22 08	27 12	29 52	-	-	-	-	26 02	21 02	20 06	-	-	-	-	06 01	10 01	19 04	23 30
Fort Sandeman	-	-	-	20 12	22 06	23 08	31 27	29 29	23 17	02 00	-	-	-	12 06	23 10	29 15	-	-	-	22 07	27 14	22 15	-	-
Peshawar	31 10	32 10	32 10	31 09	25 12	26 08	32 12	36 14	40 06	28 35	20 07	30 07	29 05	25 09	24 13	24 00	25 27	23 01	21 02	26 05	32 06	33 00	27 07	-
Chaklala	31 02	31 05	33 05	32 07	21 04	17 10	25 25	33 35	29 53	-	07 03	10 08	11 29	13 07	26 04	34 04	33 05	09 04	10 04	10 06	06 03	13 07	25 26	27 27
Risalwali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Karachi	22 06	20 04	26 03	25 11	30 13	35 19	35 15	35 12	35 10	36 34	25 14	32 14	26 13	25 03	04 08	04 15	16 02	29 02	-	-	...	-	-	-
Khanpur	16 01	23 03	24 07	25 11	25 09	29 13	34 15	28 21	29 42	-	25 23	25 26	23 29	25 10	25 09	06 11	-	-	-	-	-	-	-	-
Lahore	11 05	10 08	12 10	16 08	17 10	23 15	24 23	27 36	29 56	30 03	17 08	17 09	20 03	22 05	23 04	26 04	-	-	-	-	-	-	-	-
Multan	35 08	34 09	34 08	33 07	30 09	34 09	26 25	32 27	35 37	-	22 06	19 08	17 07	12 13	20 13	23 10	13 07	29 03	30 03	24 03	24 09	35 20	29 20	30 25
Peshawar	..	31 17	31 20	29 17	26 13	23 19	-	-	-	-	-	33 06	03 11	30 08	31 09	35 17	-	-	-	-	-	-	-	-
Quetta	-	-	-	-	30 09	31 09	33 25	34 25	-	37 56	-	-	-	-	27 19	29 11	-	-	-	-	25 09	30 17	-	-
Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shariat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cloud Observation Data (iiiGG Cddv, v,)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.

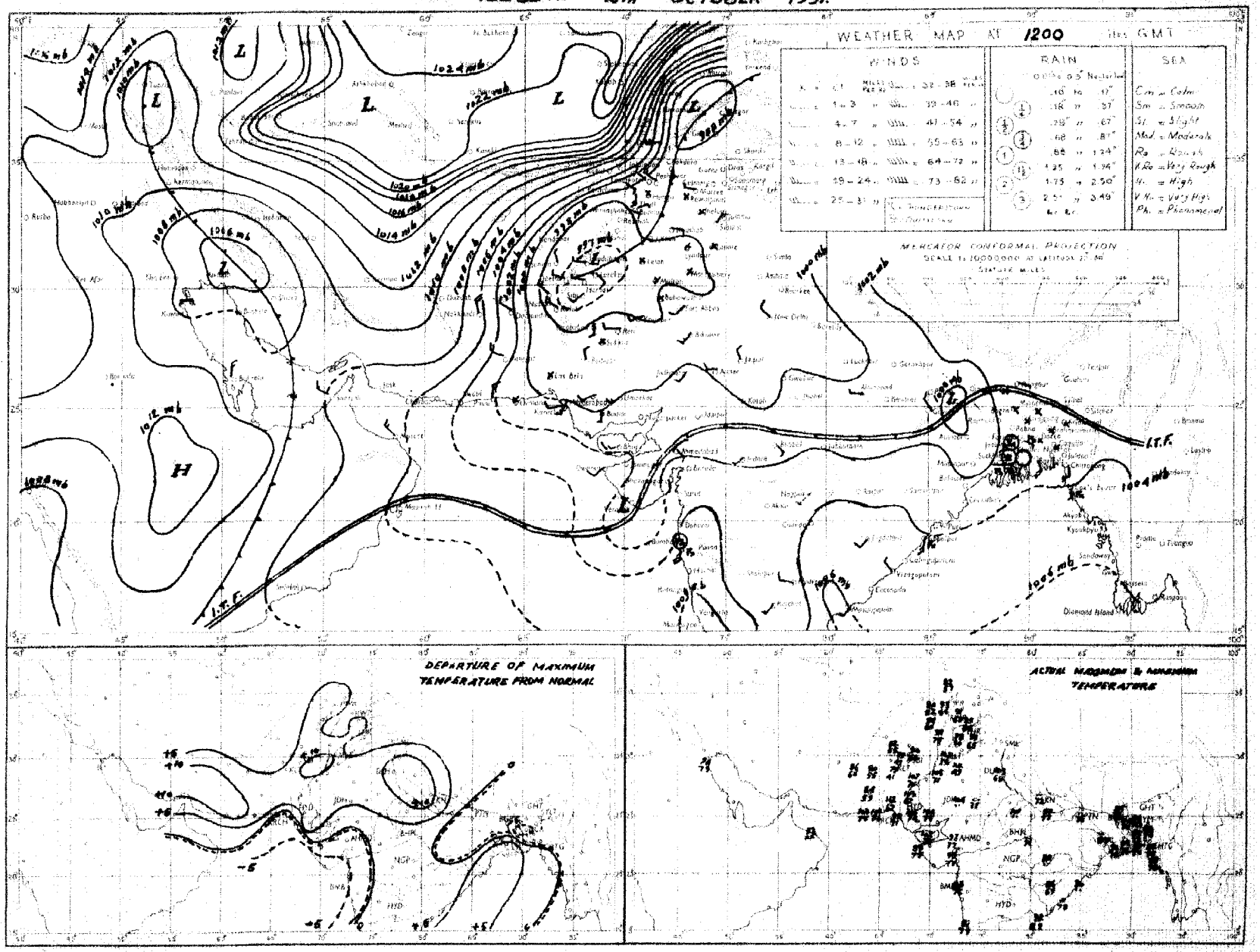
† The actual time of observations may vary within half an hour of the specified time.

†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 2.1, 3.0 4.0 5.0, 7.0, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

K. F. W.

PAKISTAN DAILY WEATHER MAP

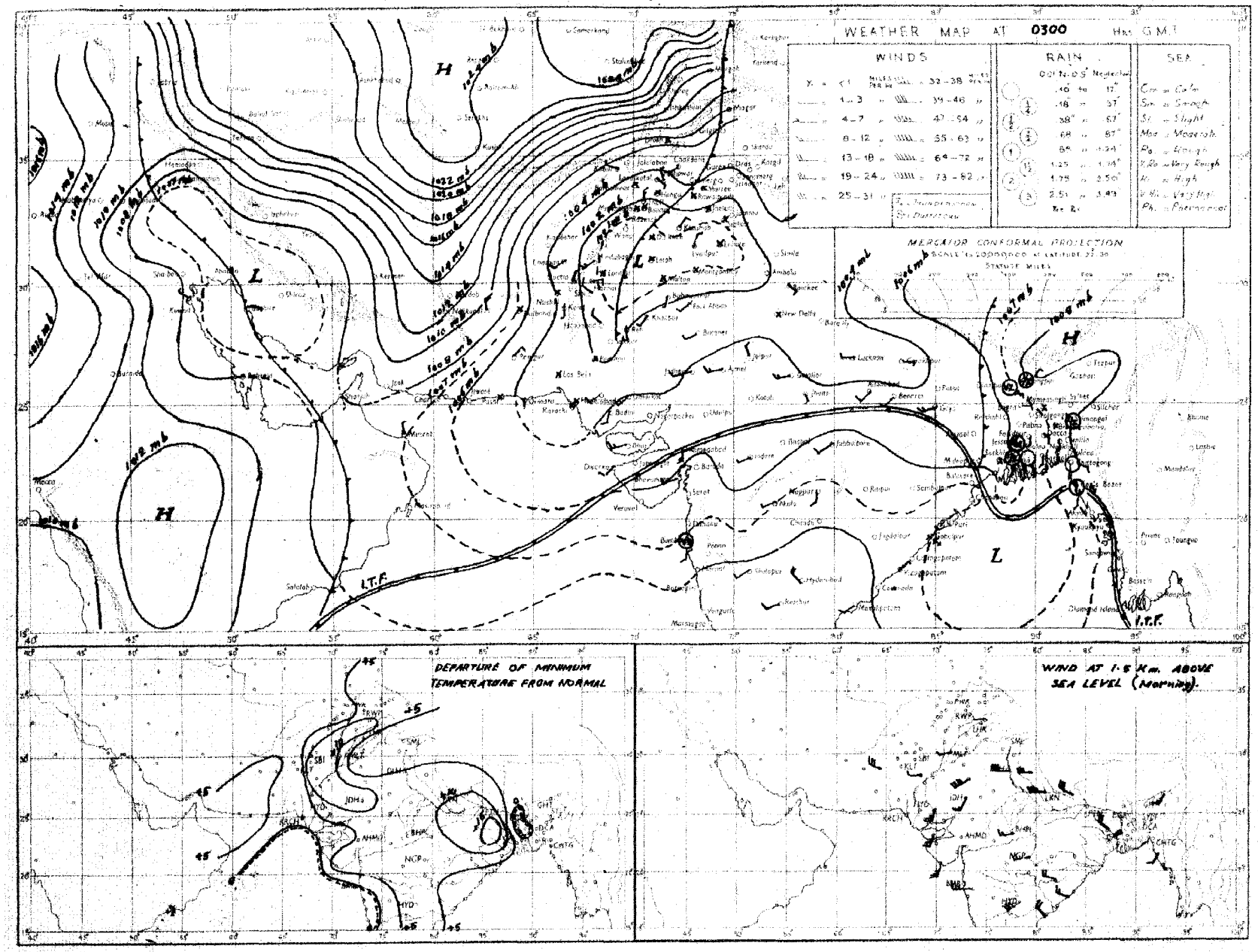
TUESDAY 16th OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 17th. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 18TH OCTOBER, 1951

(*Published by the authority of the Government of Pakistan*).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low extends from the north Punjab to Sind-Mekran coast.
Another trough extends from northwest Iran to east Persian Gulf.
The low pressure wave from east Central Bay is apparently moving northwestwards across Central Bay of Bengal.
Scattered rain/thunderstorms have occurred in East Pakistan.

Chief amounts of rainfall are :—Bogra 2" ; Barisal 1" and Sirajganj and Dinajpur ¾" each.

Day temperatures were appreciably to markedly above normal in the North-West Frontier Province, the Punjab and east Baluchistan.

Forecast valid until the evening of 19th :—Local rain/thunderstorms will occur in East Pakistan and local thunderstorms/showers in the upper North-West Frontier Province, the extreme north Punjab and Kashmir. Weather will be hazy over Baluchistan. Morning mist/fog is likely along Sind coast.

Karachi-11.
The 18th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_tD_HD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_tD_HD_MT_nT_n$	T_xT_x	T_nT_n	Since 1st April 31 to date	Departure from normal	Since 1st Jan. 31 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29
EAST PAKISTAN	Cox's Bazar	000 77	7 18 08	96 08 1	054 83	4 2 8 0 1	8 0 x 89							+ 2					140
	Chittagong	000 77	6 13 ·5	96 02 1	043 83	2 1 6 7 0	0 x 9 87	000 75	2 13 02	97 02 1	084 84	2 1 6 0 0	- - - 77	0	+ 4	104 5	+ 14 5	184.2	108
	Noakhali	000 78	6 18 05	96 01 1	xxx 84	8 1 5 8 2	- - - 88	000 77	5 00 00	96 03 4	xxx 82	3 2 5 1 0	- - - 77	+ 2	+ 3	—	—	—	115
	Comilla	000 77	6 18 02	98 03 1	057 83	2 2 7 0 1	- x - 85	000 77	5 12 02	98 03 4	067 81	5 4 7 0 0	- - - 77	- 3	+ 4	119 3	+51 8	126 7	94
	Brahmanbaria	000 77	4 00 00	97 03 1	033 83	4 4 5 0 0	- - - 91	000 78	4 18 02	97 03 1	058 82	4 5 5 0 0	- - - 77	—	—	61 7	+ 9 2	71 6	78
	Dacca	xx 76	2 00 00	96 01 1	033 82	1 1 6 0 0	8 x x 91	xxx 78	5 29 02	97 03 1	030 84	5 8 5 0 0	2 x x 76	—		—	—	—	—
	Narayanganj	000 77	2 00 00	97 01 1	026 87	0 0 9 0 1	9 0 x 91	100 78	5 20 02	96 03 1	078 86	5 4 6 0 0	9 x x 79	+ 3	+ 4	69.5	+17 6	88.4	74
	Mymensingh	000 78	8 00 00	95 02 2	038 84	8 4 7	- - - 87	000 76	0 09 02	99 00 0	087 83	0 0 9 0 0	- - - 76	0	· 2	49 8	- 17 7	57 9	91
	Srimangal	010 75	5 13 02	95 03 6	043 78	2 2 5 5 5	6 6 5 88	010 71	5 05 05	96 02 0	095 76	8 8 5 8 0	- - - 72	- 2	+ 2	76.1	+12.7	103 2	96
	Khulna	000 77	4 00 00	97 02 0	088 85	4 8 8 0 0	- - - 93	000 79	4 12 02	98 01 1	090 85	4 8 8 0 0	- - - 78	+ 6	+ 5	45.0	- 8.8	83 9	69
	Satkhira	000 84	6 00 00	97 03 1	026 85	4 4 7 4 0	- - - 93	000 79	4 12 02	97 03 1	084 86	3 4 7 0 0	- - - 78	+ 4	+ 6	34 8	- 14 8	43.5	85
	Jessore	000 75	2 18 02	96 02 1	042 84	2 8 9 0 0	- - - 94	000 80	1 18 02	97 01 4	075 84	1 8 6 0 0	4 x x 75	+ 5	+ 1	36 9	· 9 9	44 0	85
	Faridpur	000 76	3 16 05	95 01 1	028 85	2 5 6 1 0	9 x x 88	000 79	8 18 09	97 02 2	081 82	6 4 6 1 0	2 x x 78	· 2	· 1	49 0	· 1 8	55.4	73
	Barisal	114 76	4 00 00	97 01 5	036 79	2 2 8 2 8	4 x x 80	114 88	5 18 02	97 02 1	083 84	6 4 6 0 0	0 x x 78	+ 3	+ 4	62.6	+ 2 6	78 8	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 79	1 00 00	95 01 1	020 85	1 1 7 0 0	- - - 87	060 74	8 13 03	98 02 2	073 80	6 2 7 0 0	9 0 0 71	0	2	51 8	+ 3 3	61.9	64
	Bogra	000 78	2 09 02	96 01 1	082 83	1 1 7 0 1	- x - 89	246 74	2 13 02	96 01 9	077 81	1 2 6 7 0	9 x 6 68	+ 2	5	37 1	- 17 2	44.0	60
	Dinajpur	000 76	0 00 00	98 00 0	041 82	0 0 9 0 0	- - - 87	080 75	7 00 00	97 02 3	094 79	0 0 9 2 0	- - - 72	0	0	44 3	· 15.8	48.5	72
	Rangpur	000 xx	5 02 02	96 02 1	—	5 5 8 0 0	- - - xx	000 xx	5 07 02	97 01 1	—	5 5 8 0 0	- - - xx	—	—	70 0	+ 4.0	79 4	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Mingar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 62	0 09 02	96 00 0	982 94	0 0 9 0 0	- - - 97	000 62	0 00 00	96 00 0	041 76	0 0 9 0 0	- - 70	+ 4	+ 9	5.9	- 3 8	10.2	18
	Lahore	000 70	0 00 00	96 00 0	993 90	0 0 9 0 0	- - - 99	000 61	0 00 00	95 05 0	046 75	0 0 9 0 0	- - - 66	+ 5	+ 8	19 6	- 4.0	14.7	19
	Sialkot	000 58	0 18 04	97 00 0	987 92	0 0 9 0 0	- - - 98	000 57	0 13 02	97 00 0	044 81	0 0 9 0 0	- - - 75	+ 7	+ 14	13.8	- 9.9	18 7	22
	Jhelum	000 58	1 00 00	96 01 0	991 91	1 1 7 0 0	- - - 97	000 60	0 00 00	96 00 0	049 75	0 0 9 0 0	- - - 67	—	—	16 5	—	26 8	—
	Rawalpindi	000 51	0 00 00	98 00 0	991 85	0 0 9 0 0	- - - 93	000 52	0 36 02	96 05 1	050 75	0 0 9 0 0	- - - 68	+ 4	+ 12	14 9	- 9.0	25.7	30
	Murree †	000 39	0 27 02	97 00 1	925 64	0 0 9 0 0	9 x x 70	000 48	2 13 05	96 01 1	958 61	0 0 0 x x	2 1 6 54	+ 5	+ 5	22.4	14 4	44 0	60
	Attock	xxx xx	6 09 00	98 00 0	—	0 0 8 0 0	—	xxx xx	0 36 03	98 00 0	—	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Khushab	000 64	0 18 05	98 00 0	984 96	0 0 9 0 0	- - - 99	000 65	0 11 05	97 00 0	047 79	0 0 9 0 0	- - - 72	+ 5	+ 10	3 1	- 1 3	8.0	15
	Montgomery	000 81	0 00 00	97 00 0	978 97	0 0 9 0 0	- - - 00	000 60	0 00 00	96 00 0	048 77	0 0 9 0 0	- - - 67	+ 4	+ 4	2 5	- 5.0	6 1	19
	Leiah	000 91	0 13 02	97 00 0	980 99	0 0 9 0 0	- - - 00	000 67	0 00 00	97 00 0	042 72	0 0 9 0 0	- - - 66			0.9	—	6.6	8
	Multan							000 58	0 18 02	96 00 0	040 76	0 0 9 0 0	- - - 69		+ 7	3 8	· 1 1	6.9	7
	Khanpur	000 56	0 23 08	95 00 0	989 03	0 0 9 0 0	- - - 06	000 59	0 21 07	94 04 0	045 75	0 0 9 0 0	- - 70	+21	+ 9	0 3	· 4 5	1.9	6
	Bahawalpur	000 68	0 23 02	97 00 0	988 04	0 0 9 0 0	- - - 01	000 58	0 23 05	97 00 0	043 76	0 0 9 0 0	- - xx	+ 7	—	1 9	· 3.3	5.0	6
	Fort Abbas	000 91	0 23 08	96 00 0	991 01	0 0 9 0 0	0 0 x 04	000 72	0 23 03	98 00 0	050 79	0 0 9 0 0	0 x x 71		—	2 8	—	3.7	5
N. W. F. P.	Drosh *	000 xx	2 25 10	97 02 1	893 75	0 0 9 4 0	2 x 9 73	000 34	0 00 00	99 00 0	993 55	0 0 9 0 0	- - - 57	+ 2	+ 6	1.8	—	22.0	18
	Chandara	000 43	0 27 02	99 00 0	988 85	0 0 9 0 0	- - - 80	000 44	0 00 00	98 00 0	985 65	0 0 9 0 0	- - - 56	—	—	6.5	—	19.8	—
	Cherat *	000 37	6 13 05	97 00 0	919 78	0 0 9 0 8	- - - 81	000 42	0 27 04	97 00 0	965 67	0 0 9 0 0	- - - 62	+ 5	+ 5	6.7	- 5 6	28.8	19
	Peshawar	000 48	1 00 00	98 02 1	998 86	1 1 7 0 0	- - - 92	000 42	0 20 02	96 00 0	065 73	0 0 9 0 0	- - - 61	+ 6	+ 2	1.8	- 2.8	9 1	14
	Parachinar	000 31	0 13 02	99 00 0	914 78	0 0 9 0 0	- - - 77	000 31	0 23 12	99 00 1	962 64	0 0 9 0 0	- - - 54	+ 3	+ 6	10.5	—	28 0	29
	Miranshah	000 43	0 11 03	98 00 4	894 86	0 0 9 0 0	- - - 88	000 30	0 05 00	99 00 0	938 69	0 0 9 0 0	- - - 52	—	—	3.6	- 1 2	10.5	13
	Bannu	000 45	0 15 02	99 00 0	981 90	0 0 9 0 0	- - - 98	000 46	0 00 00	99 00 0	057 73	0 0 9 0 0	- - - 68	—	—	9.9	—	6.8	11
	D. I. Khan	000 61	0 00 00	96 00 0	984 95	0 0 9 0 0	- - - 99	000 50	0 05 01	96 00 0	052 74	0 0 9 0 0	- - - 75	+ 6	+12	1 1	- 4.4	2.8	8
	Wana																		11
	Landikotal	000 49	1 00 00	99 02 1	899 81	1 4 6 0 0	- - - 88	000 39	0 00 00	99 00 0	956 64	0 0 9 0 0	- - - 64	—	—	2 4	—	12.0	—
	Hangu	xxx xx	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00 0	—	0 0 9 0 0	- - - xx	—	—		—	—	—
	Thull	xxx xx	0 18 09	99 00 0	—	—	- - - —	xxx xx	0 36 09	99 00 0	—	0 0 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 33	0 05 03	97 05 0	901 83	0 0 9 0 0	- - - 87	000 24	6 00 00	98 01 1	966 64	0 0 9 0 2	1 x x 59	+ 5	+ 10	4.1	- 1.0	10 0	11
	Hindubagh	000 16	0 31 18	97 00 0	913 80	0 0 9 0 0	- - - 81	000 23	1 22 05	98 02 1	951 60	0 0 9 0 1	8 0 x 59	—	—	0.2	—	3.5	—
	Loralai	000 23	0 18 05	96 00 0	894 81	0 0 9 0 0	- - - 87	000 29	0 00 00	96 00 0	956 59	0 0 9 0 0	- - - 62	—	—	1.7	—	8 1	—
	Harnai (a)	000 xx	0 27 05	96 00 0	—	0 0 9 0 0	- - - —	000 xx	0 18 02	95 00 0	—	0 0 9 0 0	- - - xx	—	—	2.0	- 5.6	10.6	14
	Sibi	000 35	0 18 05	99 00 0	988 03	0 0 9 0 0	- - - 04	000 40	0 09 00	98 00 0	057 76	0 0 9 0 0	- - - 59	—	—	2.2	—	3.8	5
	Quetta †	000 38	0 34 07	98 00 0	932 75	0 0 9 0 0	- - - 75	000 30	0 03 00	97 00 0	947 53	0 0 9 0 0	- - - 40	—	—	0.8	- 0.2	9.3	9
	Chaman	000 42	0 23 03	97 00 0	942 75	0 0 9 0 0	- - - 77	000 29	0 11 03	97 00 0	973 65	0 0 9 0 0	- - - 55	+ 1	+ 3	0	- 0.2	9.6	8
	Nushki	000 55	0 31 10	97 00 0	993 81	0 0 9 0 0	- - - 81	000 44	0 22 02	96 00 0	026 68	0 0 9 0 0	- - - 59	—	—	0	—	5.5	—
	Dalbandin *	000 30	0 13 02	96 05 0	939 87	0 0 9 0 0	- - - 87	000 85	0 00 00	96 06 0	967 61	0 0 9 0 0	- - - 53	0	+ 4	0	- 0.3	1.8	4
	Nokkundi	000 60	0 24 09	97 05 1	034 80	0 0 9 0 0	0 x x 87	000 86	0 02 02	99 00 0	097 64	0 0 9 0 0	- - - 69	—	—	0	—	0.9	3
	Kalat †	000 54	0 31 05	96 00 0	946 69	0 0 9 0 0	- - - 72	000 38	0 18 05	98 00 2	966 40	0 0 9 0 0	- - - 39	2	0	0.8	- 0.5	4.7	7
	Turbat	000 67	0 01 03	97 00 3	039 01	0 0 9 0 8	- - - 02	000 57	0 04 02	96 00 0	087 84	0 0 9 0 0	- - - 73	—	—	0	—	1.4	5
	Panjgur *	000 30	0 27 02	97 00 0	069 92	0 0 9 0 0	- - - 03	000 32	0 09 02	97 00 0	962 84	0 0 9 0 0	- - - 60	+ 6	+ 6	0	—	2.2	5
	Las Bela	000 79	0 00 00	99 00 0	985 06	0 0 6 0 0	- - - 00	000 72	0 00 00	99 00 0	059 74	0 0 9 0 0	- - - 66	—	—	1 6	—	1.7	6
	Ormara	000 78	0 27 00	97 00 0	000 92	0 0 9 0 0	- - - 01	000 74	0 09 05	97 00 0	048 77	0 0 9 0 0	- - - 70	—	—	0.3	0 5	2 1	6
	Pasni	000 40	0 23 09	97 00 0	007 95	0 0 9 0 0	- - - 00	000 50	0 31 03	96 00 0	053 77	0 0 9 0 0	- - - 68	+ 7	+ 1	0.8	- 0 1	5.0	6
	Jiwani																		4
SIND	Keti	000 46	0 23 03	96 00 0	085 92	0 0 9 0 0	- - - 04	000 68	0 18 07	96 00 0	047 74	0 0 9 0 0	- - - 69	—		1.7	—	2.2	—
	Jacobabad	000 26	0 19 03	96 00 0	088 00	0 0 9 0 0	- - - 04	000 59	0 31 02	97 00 0	044 75	8 0 9 0 0	- - - 70	+ 7	+ 4	0.2	- 2.0	0.7	4
	Sukkur	000 64	0 xx xx	96 00 0	083 97	0 0 9 0 0	- - - 02	000 70	0 xx xx	96 00 0	041 75	0 0 9 0 0	- - - 72	—	—	0.5	—	1.0	4
	Pad Idan	000 71	0 16 05	95 00 0	094 97	0 0 9 0 0	- - - 00	000 60	2 00 00	97 00 0	038 76	0 0 9 0 0	- - - 60	—		0.8		0.9	
	Karachi (Manora)	000 79	6 16 09	96 02 2	011 88	6 0 4 0 0	- - - 86	000 75	0 00 00	93 10 0	051 78	0 0 9 0 0	- - - 76	- 3	+ 2	1 5	- 4.5	1 0	2
	Karachi (A. P.)	000 70	0 19 10	93 04 0	014 88	0 0 9 0 0	- - - 91	000 75	9 00 00	91 47 4	055 75	9 0 - -	2 x x 73	—	—	2.9	—	3.0	
	Badin	000 63	0 23 05	97 00 0	016 90	0 0 9 0 0	- - - 96	000 78	0 23 03	97 00 9	064 79	0 0 9 0 0	- - - 75	0	+ 1	7.0	- 0.2	7.0	9
	Nagarparkar																		—
	Chhor (Umerkot)	000 64	0 28 07	97 00 0	000 97	0 0 9 0 0	- - - 03	000 75	2 20 07	97 00 0	056 79	0 0 9 0 0	- - - 72	—	—	2.3	—	2.3	7
	Hyderabad	000 68	0 23 03	97 00 0	005 95	0 0 9 0 0	- - - 98	000 76	7 23 07	95 03 1	052 77	7 2 4 0 0	- - - 74	0	+ 4	1.5	- 4.3	2.0	
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 57	1 00 00	97 01 0	985 88	0 0 9 0 1	2 9 x 08	000 47	0 25 02	97 00 1	997 64	0 0 9 0 0	9 x x 56	—	—	0.5	—	0.9	11
	Jalalabad	000 53	0 00 00	98 00 0	908 18	0 0 9 0 0	- - - 81	000 48	9 00 00	97 00 0	937 56	0 0 9 0 0	- - - 43	—	—	0	—	10.5	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 18TH OCTOBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st June to date	Departure from normal	Since 1st Jan. to date	Annual Normal
3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Masheh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 76	0 21 05	97 00 9	061 99	8 0 9 0 0	- - - 81	000 68	0 31 02	97 00 0	061 89	8 0 9 0 0	- - - xx	+1	—	0	- 0.1	1.3	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	2 25 02	97 00 0	052 92	8 0 9 0 9	- x - 93	000 xx	6 36 12	97 00 0	073 78	0 0 9 0 0	- - - 76	—	—	0	—	1.5	4

* Barometer readings reduced to 1 geodynamic Kilometre 3,350-3,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,712 feet according to latitude.
†† Barometer readings reduced to 5 geodynamic Kilometre (10,049,-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	1 $d_w d_w P_w H_w$
1	1	8	4	5	6	7	8	9	10	11
ARABIAN SEA										
Strathmaner	43 123	743 00	3 20 03	99 02 0	073 82	22 4 00	—	8 7 400	8 52 74	1 26 x0
Alavi	48 182	700 06	3 27 02	99 01 1	094 86	32 6 00	2 4 300	—	0 02 84	1 27 32
Flying Cloud	43 153	739 06	7 20 03	99 02 2	085 91	52 7 22	3 5 310	—	—	—
Dara	43 257	655 06	0 00 90	96 00 4	051 85	00 9 00	2 4 300	—	0 04 78	1 33 xx
Alavi	43 187	718 18	2 24 05	98 02 0	078 85	23 7 00	2 1 200	—	0 00 80	1 24 32
Jehangir	43 169	647 12	9 80 30	09 38 5	446 80	59 8 10	8 4 350	—	0 02 78	1 25 31
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoXiX2			PiPihihihi		TiTiTdiTdiTxi etc.				5555		hihiPiPiPi		TiTiTdiTdiTxi etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	780 16	000 26	267 60	240 04	700 24	125 94	509 21	539 94	301 77	829 91	558 85	249 21	230 48	519 00	270 31	658 00	300 06	446 00	046 17	494 00	649 94	813 60	739 91		

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. †† 1	2	3	4	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	5	7	10	15	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	—	—	—	—	—	—	—	—	—	—	No	ascent	Rain	—	—	—	17 16	21 19	23 32	27 15	29 32	—	—	—
Chor	20 11	20 19	20 21	20 19	21 18	21 09	—	—	—	—	—	—	—	—	—	—	21 20	23 19	18 21	16 13	16 10	—	—	—
Chittagong	20 14	19 18	19 13	19 04	22 03	28 05	27 13	32 10	29 17	27 23	16 08	16 06	15 05	19 02	16 03	24 10	14 08	15 08	15 07	06 01	01 02	31 07	27 08	25 04
Cox's Bazar	18 08	18 06	18 03	23 04	30 14	28 13	31 13	—	—	—	15 02	15 05	15 06	17 04	16 07	17 02	—	—	—	—	—	—	—	—
Dacca	20 06	23 05	25 05	33 14	31 03	32 10	30 18	—	—	—	31 14	20 10	19 05	35 05	31 14	30 15	19 06	22 07	17 06	—	33 14	36 13	—	—
Dalbandin	—	—	34 02	29 04	32 06	34 10	31 11	36 08	36 09	29 23	—	—	08 04	35 15	31 14	34 15	—	—	05 02	36 03	35 07	35 17	32 09	34 19
Drosh	—	—	—	—	22 11	31 19	15 11	26 13	21 25	—	—	—	—	22 01	09 01	21 05	—	—	—	—	04 07	04 08	03 08	21 15
Fort Sandeman	—	—	—	20 03	25 04	36 07	29 23	27 30	—	—	—	—	—	32 10	24 06	28 05	—	—	—	28 06	29 03	06 03	26 15	30 25
Jacobabad	32 08	34 06	34 08	24 06	24 10	27 07	29 13	30 14	30 23	29 41	19 11	19 09	22 06	27 03	32 06	26 08	16 08	09 03	07 03	28 05	03 03	10 08	—	—
Jhelum	10 05	11 04	11 05	15 04	19 04	21 08	25 20	28 37	25 33	—	05 05	12 53	18 16	13 07	13 06	27 02	02 05	11 05	11 09	16 04	15 02	07 02	29 15	29 31
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	18 11	14 06	07 04	30 08	05 03	08 10	30 08	29 15	30 25	29 40	24 08	26 09	27 10	31 09	34 03	94 04	—	—	—	—	No	ascent	—	—
Khanpur	24 06	24 11	24 10	24 15	24 15	24 11	26 19	—	—	—	23 23	24 24	28 17	19 15	21 14	—	29 23	32 17	31 18	31 13	31 19	19 06	30 13	—
Lahore	24 03	25 02	31 02	24 06	22 13	24 14	26 27	27 28	—	—	16 06	22 01	01 02	01 06	18 04	22 07	33 08	29 11	22 19	20 10	32 10	27 31	30 15	—
Multan	37 01	18 01	25 02	18 09	33 16	26 25	25 12	18 32	—	—	21 18	33 19	22 21	22 29	—	—	23 13	22 25	22 24	21 24	20 07	17 07	23 19	35 23
Peshawar	...	10 06	07 01	12 01	—	32 18	25 14	19 27	30 44	—	—	09 08	09 08	10 08	11 11	24 12	—	02 09	31 18	29 08	27 15	27 17	33 11	36 24
Quetta					26 13	33 10	30 20	38 31	39 31	39 43	—	—	—	—	37 06	33 11	—	—	—	—	29 09	35 08	31 18	—
Sibbi						—		—	—		—	—	—		—	—			—		—	—	—	—
Bhawal						—																—		

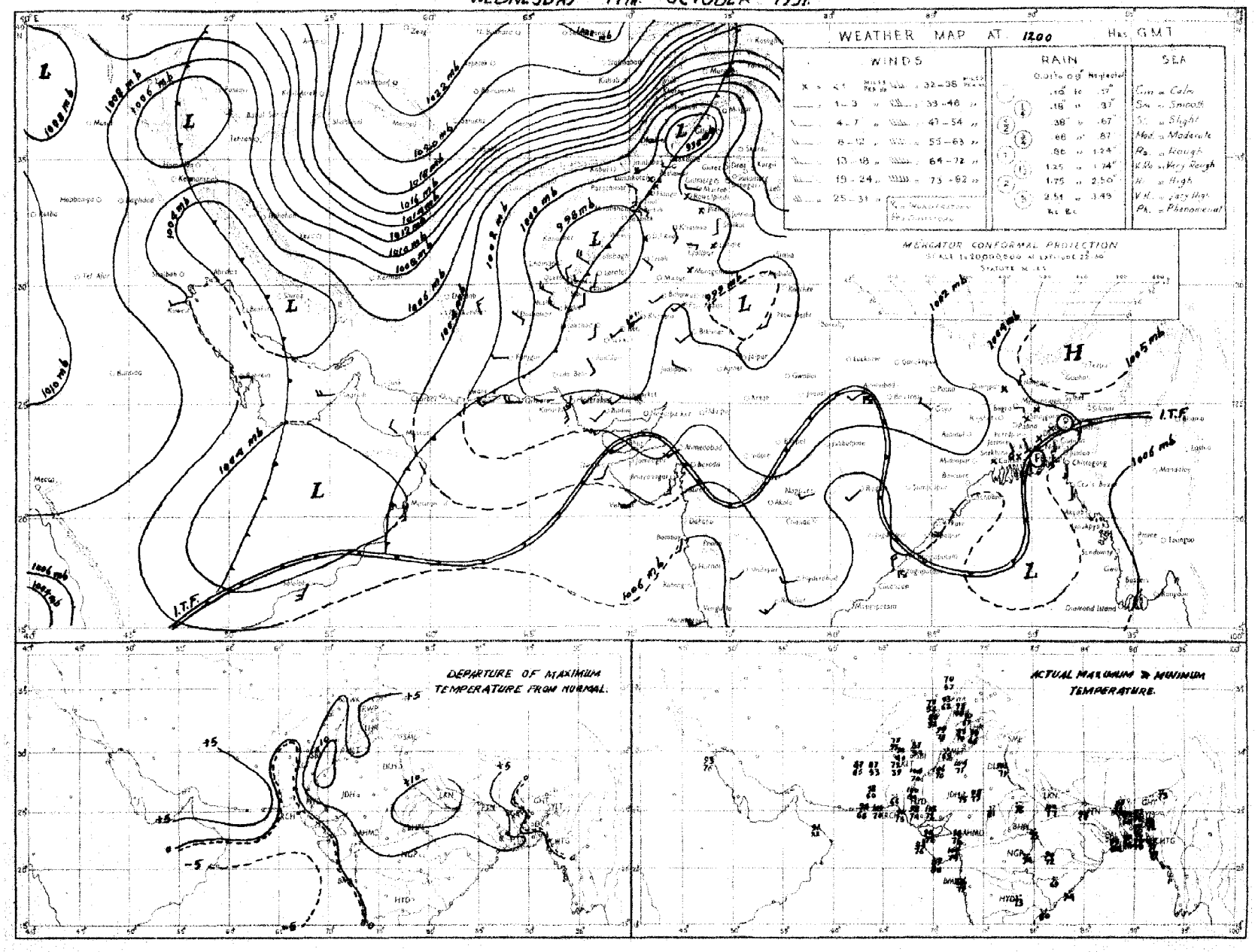
Cloud Observation Data (iiiGG Cddv, v_v)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

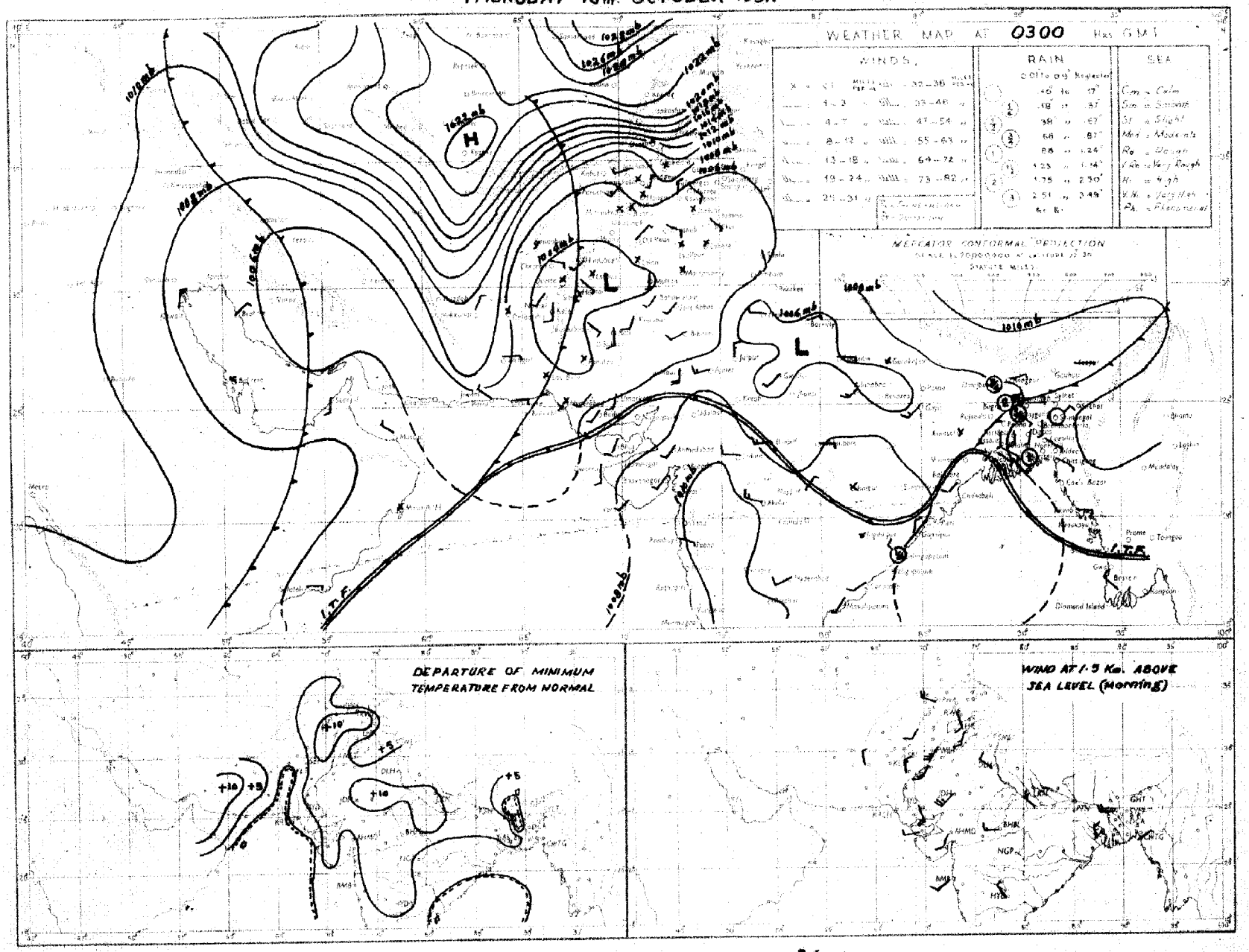
WEDNESDAY 17th. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 18th: OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 19TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low lies in the Central Bay of Bengal.

Another trough of low extends from Baluchistan to west Iran.

Rain/thunderstorms have been local in the Eastern and Northern sub-divisions of East Pakistan and scattered in the extreme north Punjab.

Chief amounts of rainfall are :—Sirajganj 2"; Srimangal 1½"; Mymensingh ½"; and Narayanganj ¼".

Day temperatures were generally appreciably above normal in West Pakistan outside Sind.

Forecast valid until the evening of 20th :—Scattered thunderstorms will occur in East Pakistan, Kashmir, the North-West Frontier Province and the extreme north Punjab.

Karachi-11.
The 19th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st April 31 to date	Departure from normal	Since 1st Jan. 31 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	29
EAST PAKISTAN	Cox's Bazar	000 78	1 00 00	96 01	1048 85	1 2 6 0 0	- - - 91	000 77	2 00 00	97 02	4097 83	2 2 6 0 0	3 × × 76	+ 4	+ 8	111.8	1.2	121.5	140
	Chittagong	000 78	2 23 03	96 02	1057 85	2 6 7 9 9	- - - 90	000 76	5 07 02	97 02	4096 82	3 8 6 7 0	3 - 9 78	+ 3	+ 5	104.5	+ 23.6	184.2	198
	Noakhali	000 75	1 00 00	95 01	0 × × 86	1 1 5 0 0	- - - 90	000 79	2 00 00	96 40	0 × × × 83	3 0 5 1 0	- - × 80	+ 4	+ 6	—	—	—	115
	Comilla	000 81	4 00 00	98 01	1060 87	4 4 7 0 0	- - - 88	000 79	7 00 00	98 03	1101 82	7 4 7 0 0	- - 77	0	+ 4	119.3	+51.6	126.7	94
	Brahmanbaria	007 62	3 00 00	99 03	1060 83	3 4 5 0 0	- - 91	007 79	4 00 00	97 03	0994 83	4 5 5 0 0	- - 77	—	—	61.8	+ 9.1	71.7	78
	Dacca	× × 71	7 81 13	95 03	2061 79	6 5 4 x x	9 × × 90	× × 81	4 20 02	97 03	1010 87	4 8 4 0 0	1 × × 71	—	—	—	—	—	—
	Narayanganj	000 76	4 00 00	× × 03	1064 85	1 2 5 2 0	9 × 9 93	122 70	1 00 00	96 01	1088 86	1 5 5 0 0	9 - - 78	+ 4	+ 1	69.7	+17.7	88.6	74
	Mymensingh	067 77	5 00 00	98 02	5068 80	8 7 6	0 × × 55	057 77	8 09 02	99 02	6096 81	8 4 7 -	- - - 76	- 2	+ 2	50.4	- 17.3	58.5	91
	Srimangal	141 78	5 32 02	94 29	9060 74	2 9 6 0 3	1 5 × 89	141 78	2 00 00	96 02	1100 81	0 0 9 3 0	- - × 79	- 1	0	77.5	+18.9	104.6	98
	Khulna	000 80	2 00 00	96 00	0065 88	2 5 8 0 0	- - - 92	000 79	0 00 00	97 00	0097 87	0 0 9 0 0	- - - 79	+ 5	+ 6	45.0	6.5	53.9	68
	Satkhira	000 89	6 00 02	97 03	1044 88	3 4 7 8 0	- - - 93	000 79	6 23 02	97 03	1086 86	3 4 7 6 0	- - × 79	+ 3	+ 7	34.8	- 14.9	43.5	65
	Jessore	000 74	6 18 02	96 03	2061 84	6 8 6 0 0	- - - 93	000 79	0 23 05	97 00	0090 85	0 0 9 9 0	- - - × ×	+ 4	×	36.9	- 10.0	44.0	65
	Faridpur	000 80	4 18 02	95 02	0053 87	2 4 6 1 0	5 5 × 87	000 76	0 18 02	97 00	0094 85	0 0 9 0 0	- - - 75	0	+ 1	49.0	1.5	55.4	71
	Barisal	000 79	3 00 00	97 01	1054 87	1 2 6 2 2	- - - 90	000 80	1 23 02	97 01	1093 85	1 5 7 0 0	- - - 79	+ 5	+ 5	62.6	+ 2.5	78.5	83
	Pabna																		59
	Rampur Boalia																		60
	Sirajganj	212 72	8 18 07	96 02	2043 72	8 7 6 0 0	3 0 0 87	212 77	0 00 00	96 00	0082 80	0 0 9 0 0	0 0 0 × ×	0	×	53.8	+ 5.2	63.9	64
	Bogra	000 71	2 13 02	96 01	0051 77	1 1 7 0 1	4 0 × 88	000 77	1 13 02	96 01	1062 84	1 1 7 1 0	- - - 74	4	+ 1	37.2	17.5	44.1	69
	Dinajpur	000 78	0 03 00	98 00	0055 85	0 0 9 0 0	- - - 87	000 75	3 00 00	97 02	2056 78	6 4 7 0 0	- - - 72	0	+ 1	44.3	- 15.5	48.6	72
	Rangpur	000 × ×	2 00 00	96 12	1— —	0 0 9 1 0	- - - × ×	000 × ×	3 00 02	98 02	1— —	8 5 8 0 0	- - - × ×	—	—	70.0	+ 3.8	79.4	64
KASHMIR	Srinagar ‡																		—
	Gulmarg ‡																		—
	Bunamarg (Sa)																		—
	Dras ‡																		—
	Leh ‡																		—
	Skardu ‡																		—
	Gilgit *																		—
	Misgar																		—
	Allahad																		—
PUNJAB	Lyallpur	000 66	2 18 02	96 01	0832 91	0 0 9 0 2	- - - 97	000 60	0 07 02	96 00	0092 71	0 0 9 0 0	- - - 67	+ 4	+ 6	5.8	- 2.3	10.2	11
	Lahore	000 59	2 27 02	95 05	1035 92	0 0 9 0 1	7 9 × 99	000 64	0 00 00	95 05	0092 75	0 0 9 0 0	- - - 69	+ 5	+11	10.4	- 4.0	14.7	19
	Sialkot	000 55	6 00 00	97 03	1036 92	4 0 6 6 2	- - - 97	000 46	0 31 02	97 00	1101 80	0 0 9 0 0	- - - 75	+ 5	+14	18.8	- 9.9	16.7	22
	Jhelum	000 63	4 00 00	96 05	1039 91	2 1 7 7 0	- - - 96	000 59	0 23 02	97 00	0100 75	0 0 9 0 0	- - - 60	—	—	16.5	—	25.8	—
	Rawalpindi	000 49	2 09 02	99 01	1024 86	0 0 9 0 2	- - - 94	000 62	2 26 02	97 00	1105 78	0 0 9 0 0	- - - 66	+ 5	+10	14.9	- 8.0	26.7	56
	Murree †	005 44	4 05 10	97 01	6951 58	5 × × 67	014 83	0 07 07	98 00	1990 56	0 0 9 0 0	- - - 53	+ 2	+ 4	22.5	14.8	44.1	59
	Attock	××× ××	0 00 00	98 00	0— —	0 0 2 0 0	- - - —	××× ××	4 00 00	97 02	0— —	4 0 6 2 0	- - × × ×	—		—	—	—	—
	Khushab	000 64	1 11 05	97 01	1026 95	0 0 9 0 3	- - - 97	000 58	0 13 02	99 00	0098 82	0 0 9 0 0	- - - 70	+ 2	+ 8	8.1	- 1.3	8.0	15
	Montgomery	000 45	0 27 03	98 00	0926 94	0 0 9 0 0	- - - 97	000 60	0 09 00	97 00	0900 78	0 0 9 0 0	- - - 60	+ 1	+ 4	2.5	- 5.0	6.1	16
	Lyallpur	000 54	6 21 02	97 00	0920 96	0 0 9 0 0	- - - 98	000 56	0 18 02	97 00	0998 71	0 0 9 0 0	- - - 67	—	—	0.9	—	6.6	8
	Multan	000 55	0 18 05	97 00	0920 93	0 0 9 0 0	- - - 97	000 57	0 23 02	98 00	0994 77	0 0 9 0 0	- - - 75	+ 2	+ 9	3.6	- 1.1	9.9	7
	Khanpur	000 78	0 10 03	95 05	0927 95	0 0 9 0 0	- - - 99	000 66	0 23 04	97 00	0921 77	0 0 9 0 0	- - - 71	+ 2	+12	0.3	4.5	1.9	6
	Bahawalpur	000 64	0 23 02	97 00	0928 95	0 0 9 0 0	- - - 99	000 60	0 23 02	97 00	0955 72	0 0 9 0 0	- - - 67	+ 5	+ 6	1.9	2.3	5.0	6
	Fort Abbas	000 87	0 28 03	96 00	0924 98	0 0 9 0 0	0 × × 00	000 78	0 25 07	96 00	0991 84	0 0 9 0 0	- - - 67		—	2.8	—	5.7	5
N. W. F. P.	Drosh *	000 29	0 00 00	99 00	1934 79	0 0 9 0 0	6 × × 83	000 28	0 00 00	99 00	0935 58	0 0 9 0 0	- - - 57	+ 7	+ 6	1.8	—	22.0	18
	Chakdara	000 51	0 18 03	99 00	0928 85	0 0 9 0 0	- - - 90	000 42	0 18 03	98 00	0122 69	0 0 9 0 0	- - - 58	—	—	6.5	—	16.8	—
	Cherat *	000 41	0 31 05	97 00	0957 74	0 0 9 0 0	- - - 80	000 47	1 36 05	97 01	0908 69	0 0 9 0 1	0 0 × 62	+ 4	+ 5	6.7	- 5.6	28.8	29
	Peshawar	000 48	1 09 02	97 01	1939 86	1 1 7 0 0	- - - 92	000 40	3 00 00	96 01	0116 73	1 1 7 3 1	- - 65	+ 5	+ 5	1.8	- 2.9	9.1	14
	Parachinar	000 38	5 13 03	97 02	1927 72	2 3 7 6 0	5 × 7 77	000 46	6 18 02	96 02	2973 66	2 4 7 6 0	3 × 7 55	+ 3	+ 7	10.5	-	28.0	29
	Miranshah	000 49	0 11 05	95 07	4927 85	0 0 9 0 0	- - - 87	000 54	0 00 00	98 02	4986 71	0 0 9 0 5	× 64	—	—	3.0	- 1.2	10.5	12
	Bannu	000 53	0 11 03	99 00	0922 91	0 0 9 0 0	- - - 95	000 59	0 00 00	99 00	0101 70	0 0 9 0 0	- - - 68	—	—	0.8		8.8	11
	D. I. Khan	000 60	0 02 04	96 00	0919 95	0 0 9 0 0	- - - 96	000 55	0 05 04	96 00	0078 73	0 0 9 0 0	- - - 72	+ 2	+11	1.1	- 4.4	2.8	9
	Wana																		11
	Landikotal	000 49	1 00 03	99 02	1989 83	1 4 6 0 0	- - - 85	000 46	2 00 00	99 02	1993 65	0 0 9 7 0	- - × 59	..	—	2.4	—	12.0	—
	Mangu	××× ××	0 00 00	97 00	0— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00	0— —	0 0 9 0 0	- - - ××	—	—	—	—	—	—
	Thull	××× ××	0 13 09	99 00	0— —	0 0 9 0 9	- - - —	××× ××	0 26 09	99 00	0— —	0 0 9 0 9	- - - ××	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 31	0 00 00	96 05	0934 83	0 0 9 0 0	- - - 85	000 41	0 00 00	94 05	0985 65	0 0 9 0 0	- - - 59	+ 3	+10	4.1	- 1.0	10.0	11
	Hindubagh	000 25	0 23 02	97 00	0928 79	0 0 9 0 0	- - - 85	000 20	1 00 00	97 03	1988 59	0 0 9 0 7	3 9 × 46	—	—	0.2	—	8.5	—
	Loralai	000 25	0 23 05	96 00	0923 80	0 0 9 0 0	- - - 55	000 10	0 31 05	96 00	0901 60	0 0 9 0 0	- - - 50	—	—	1.7	—	8.1	—
	Harnai (a)	000 ××	0 27 05	96 00	0— —	0 0 9 0 0	- - - —	000 ××	0 00 05	96 00	0— —	0 0 9 0 0	- - - ××	—	—	2.0	- 1.6	10.8	14
	Sibi	000 28	0 18 05	99 00	0919 90	0 0 9 0 0	- - - 91	000 46	0 13 05	98 00	0986 73	0 0 9 0 0	- - - 58	—	—	3.2	—	3.8	5
	Quetta †	000 38	0 31 05	98 00	0959 77	0 0 9 0 0	- - - 79	000 53	3 11 02	98 01	1968 57	0 0 9 2 1	- - - 41	—	—	0.8	- 0.3	9.3	9
	Chaman	000 43	0 34 02	97 00	0942 80	0 0 9 0 0	- - - 82	000 41	3 11 02	97 01	1986 66	0 9 × 57	0 9 × 57	+ 3	+ 5	0	- 0.3	9.6	8
	Nushki	000 52	0 31 07	97 00	0903 84	0 0 9 0 0	- - - 85	000 43	0 13 07	98 00	0925 62	0 0 9 0 0	- - - 58		—	0	—	5.5	—
	Dalbandin *	000 48	0 18 02	98 05	0966 87	0 0 9 0 0	- - - 88	000 35	0 00 00	95 05	0975 61	0 0 9 0 0	- - - 57	+ 1	+ 8	0	- 0.9	1.8	4
	Mokkundi	000 80	0 34 09	99 00	0925 89	0 0 9 0 0	- - - 91	000 34	1 34 02	99 03	1098 65	0 0 9 0 1	0 9 × 60	—	—	0	—	0.9	2
	Kalat †	000 62	0 31 05	98 00	0951 74	0 0 9 0 0	- - - 78	000 41	0 18 05	98 00	0970 49	0 0 9 0 0	- - - 44	+ 2	+ 6	0.8	- 0.5	4.7	7
	Turbat	000 72	0 12 02	97 00	0926 02	0 0 9 0 0	- - - 05	000 51	0 04 02	96 00	0985 78	0 0 9 0 0	- - - 70	—	—	0	—	1.4	—
	Panjgur *	000 26	0 31 07	97 00	0944 82	0 0 9 0 0	- - - 01	000 29	0 05 05	97 00	0970 60	0 0 9 0 0	- - - 65	— 1	+ 1	0	—	2.2	3
	Las Bela	000 79	0 16 05	98 00	0920 98	0 0 9 0 0	- - - 01												4
	Ormara	000 97	0 18 05	97 00	0922 90	0 0 9 0 0	- - - 93	000 71	0 09 05	96 00	0988 76	0 0 9 0 0	- - - 75	—	—	0.3	0.5	2.1	4
	Pasni	000 51	0 23 09	98 00	0931 94	0 0 9 0 0	- - - 93	000 73	0 09 05	96 02	1085 75	0 4 5 0 0	4 × × 73	+ 6	+ 6	0.8	- 0.1	5.0	6
	Jiwani																		4
SIND	Reti	000 57	0 00 00	96 00	0925 95	0 0 9 0 0	- - - 99	000 63	0 00 00	96 00	0993 78	0 0 9 0 0	- - - 69	—	—	1.7	—	2.3	—
	Jacobabad	000 60	0 16 03	96 00	0925 95	0 0 9 0 0	- - - 99	000 63	0 07 03	96 00	0991 74	0 0 9 0 0	- - - 72	1	+ 3	0.2	- 2.0	0.7	4
	Sukkur	000 73	0 × × 05	96 00	0924 95	0 0 9 0 0	- - - 99	000 65	0 × × × ×	96 00	0983 75	0 0 9 0 0	- - - 72	—	—	0.5	—	1.0	4
	Padidan	000 55	0 16 03	97 00	0924 93	0 0 9 0 0	- - - 98	000 65	0 15 05	97 00	0984 75	0 0 9 0 0	- - - 72	—	—	0.8	—	0.9	-
	Karachi (Airport)	000 77	4 18 05	92 10	0040 83	0 0 9 0 0	- - - 85	000 74	4 00 00	96 01	1089 77	4 6 4 0 0	- - - 75	- 3	+ 2	1.5	- 4.5	1.0	3
	Karachi (d. P.)	000 79	1 20 09	95 05	4042 83	3 × × 88	000 72	1 00 00	97 01	1090 77	1 0 8 0 0	- - - 72	—	—	—	2.9	—	3.0	—
	Badin	000 65	0 23 05	97 00	0942 83	0 0 9 0 0	- - - 93	000 71	0 23 05	97 00	0101 77	0 0 9 0 0	- - - 69	- 2	+ 1	7.0	- 0.2	7.0	9
	Nagarparkar																		—
	Chhor (Umarkot)	000 67	0 25 07	97 00	0931 96	0 0 9 0 0	- - - 99	000 73	0 23 05	97 00	0991 78	0 0 9 0 1	- - - 72	—	—	2.3	—	2.3	—
	Hyderabad	000 63	4 23 05	97 01	1038 93	4 3 × 0 0	- - - 96	000 73	7 23 01	95 03	1092 74	7 4 3 0 0	- - - 71	- 3	+ 1	1.8	- 4.3	2.0	7
	Veraval																		16
AFGHANISTAN	Kabul	000 25	0 07 03	99 00	0988 72	0 0 9 0 0	- - - 75	000 24	1 25 03	98 01	0922 56	0 0 9 0 1	- - - 40	—	—	0.7	—	15.5	12
	Jalalabad	000 60	1 09 02	97 01	0892 87	0 0 9 7 0	3 × 9 95	000 48	2 25 02	97 01	1001 64	0 0 9 0 1	- - - 58	—	—	0.5	—	6.2	—
	Kandahar							000 ××	4 00 00	97 01	1071 58	0 0 9 0 9	- - - 44		—	0	—	19.3	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 19TH OCTOBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st June 51	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	.	.				.	...	.				.	.	.	.	.	.	.
	East	.	.				.	.	.				.	.	.	.	.	.	.
	Masned	...	.				.	.	.	.			.	.	.	.	.	.	19
	Bushire		...					.	.				.	.	.	.	.	.	13
Arabia	Muscat	000 78	0 31 05	97 00 9	041 83	0 0 0 0 0	- - - 91	000 81	0 15 02	97 00 0	071 66	0 0 0 0 0	- - - xx	+ 2	—	0	- 0.1	2.8	4
	Bharain	—															-	—	4
	Kuwait	000 xx	0 36 02	97 00 9	067 90	0 0 0 0 0	- x - 91	000 xx	3 36 12	97 00 0	106 73	0 0 0 0 0	- - - 74	—	—	0	—	1.5	1

* Barometer readings reduced to 1 geodynamic Kilometre (2,350-5,356 feet according to latitude..
† Barometer readings reduced to 2 geodynamic Kilometre (6,899-6,715 feet according to latitude..
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049,-10, 089 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_M C_H	D_s v_s app	S N_s Ch_s h_s	O T_s T_s T_d T_d	$1d_w$ d_w P_w H_w
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Strathnaver ...	53 188	739 12	1 27 01	99 02 0	074 35	11 6 00	6 7 300	...	9 09 74	1 27 x0
BAY OF BENGAL										
Tarakan ...	53 039	816 06	6 27 00	98 02 1	092 81	42 4 09	3 5 461	—	0 61 74	1 15 54
Tarakan ...	53 032	829 08	7 25 05	93 02 2	101 84	42 5 61	3 5 300	—	0 00 77	1 15 54

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi ...	780 14	002 27	288 60	000 14	272 42	854 83	280 54	700 27	129 97	509 34

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	559 91	301 66	859 99	555 55	329 06	241 38	685 00	200 13	446 00	059 91	675 50	809 90	484 00	679 91	813 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8	9	10	11	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	7	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Bogra	01 10	01 10	—	—	—	—	—	—	—	—	17 12	21 13	34 13	29 13	31 23	30 13	17 11	24 07	25 07	27 09	29 15	29 11	—	—
Dhaka	21 20	20 16	19 10	23 13	20 09	27 07	—	—	—	—	—	No	ascent	—	—	—	22 15	21 13	17 17	17 13	17 19	17 55	—	—
Chittagong	25 10	27 04	32 02	24 08	35 08	33 05	25 08	28 05	28 07	24 12	—	—	—	—	—	—	02 05	02 07	01 09	36 11	—	—	—	—
Cox's Bazar	27 06	26 02	24 03	36 03	09 07	17 07	27 05	28 04	25 09	—	—	—	—	—	—	—	01 12	01 12	02 19	03 13	05 10	01 01	33 04	19 06
Dacca	20 06	21 05	21 05	31 09	23 16	25 07	27 13	—	—	—	19 08	23 09	27 09	30 07	31 15	28 11	33 08	23 06	24 07	33 06	32 10	29 09	33 08	27 30
Thalbandit	—	—	03 01	13 01	35 03	01 16	—	—	—	—	—	—	26 08	09 07	27 01	28 03	—		06 07	13 06	23 03	27 03	20 12	24 19
Drosh		—	—	—	05 03	28 09	30 06	33 13	—	—	—	—	—	21 01	21 03	21 06	—	—	—		03 07	03 07	34 03	23 08
Fort Sandeman	—		—	32 08	24 08	11 07	19 03	—	—	—	—	—	—	06 08	04 07	10 03	—	—	—	12 01	02 06	13 07	11 04	20 09
Jacobabad	16 06	03 03	01 02	01 03	21 06	22 08	03 06	27 12	30 25	25 33	11 08	12 07	14 01	19 05	20 04	03 27	29 06	12 00	12 05	14 05	13 03	11 05	10 09	23 19
Sheikh	12 03	13 10	13 10	14 10	27 04	24 02	25 19	28 33	29 43	—	01;09	00 06	11 19	10 03	33 03	31 05	33 09	05 01	07 03	03 05	36 05	36 08	35 11	30 25
Siwani																								
Karachi	22 09	22 08	22 10	31 08	31 04	29 02	30 04	31 11	31 12	28 20	18 08	18 09	17 11	24 09	—	—	22 05	21 05	21 05	07 04	09 08	09 12	17 03	25 04
Khanpur	21 23	22 13	22 11	22 17	23 13	23 12	—	—	—	—	15 05	calm	19 12	25 03	25 05	33 07	23 15	24 12	24 12	30 06	11 08	07 10	22 03	29 29
Lahore	20 09	23 05	24 05	23 10	22 13	24 12	29 14	31 27	33 33	—	07 03	11 04	03 03	23 04	24 10	33/04	07 05	30 03	25 01	27 03	29 06	30 08	30 06	28 18
Multan	21 15	21 16	22 17	24 21	22 13	19 15	—	—	—	—	07 05	36 07	25 06	23 07	31 03	33 07	23 06	32 06	33 03	29 08	31 09	35 05	36 06	36 14
Peshawar	..	06 04	03 03	31 04	26 06	24 13	27 20	29 35	30 37	29 05	—	33 06	30 07	19 24	13 03	13 06	—	33 04	33 01	10 04	04 03	33 05	34 07	31 23
Quetta					32 10	32 05	33 08	30 14	27 27	27 34	—	—	—	—	35 03	33 05	—	—	—	—	13 06	15 10	30 07	34 30
Bushire						—					—	—	—	—	—							—	—	—
Bharain						—					—	—	—	—								—		—

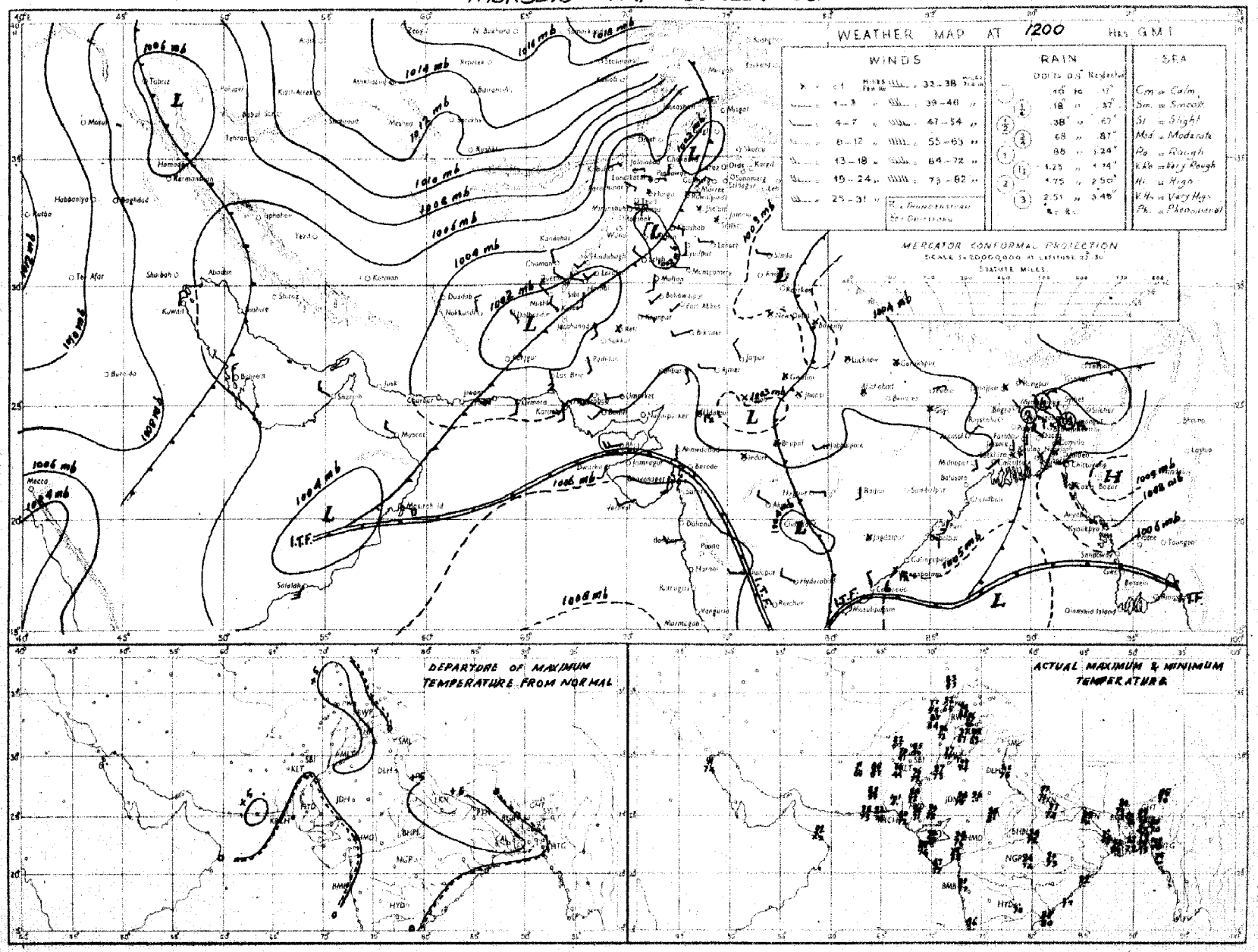
Cloud Observation Data (iiiGG Cddv, v,)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.5, 2.1, 3.0 4.0 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

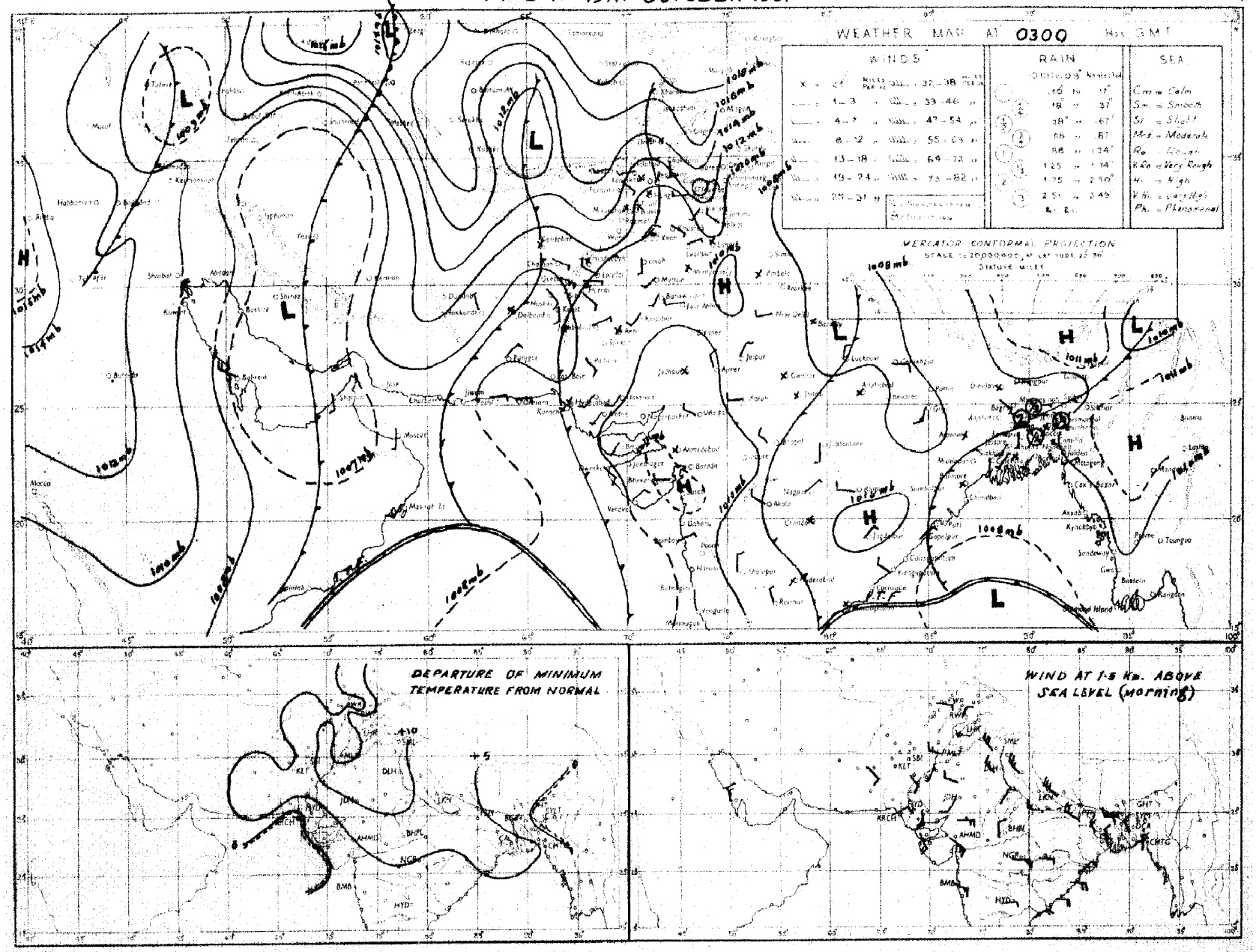
THURSDAY 18th. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 19th: OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 20TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low lies in the west central and adjoining south Bay of Bengal.
Another trough lies off Konkan-Kanara Coast.
Yesterday's trough now extends from Baluchistan to East Persian Gulf.
Scattered rain/thunderstorms have occurred in East Pakistan.
Chief amounts of rainfall are :—Mymensingh 1½" and Jessore ½".

Day temperatures were generally appreciably above normal over southern districts of East Pakistan and West Pakistan outside Sind and south Baluchistan.

Forecast valid until the evening of 21st :—Local thunderstorms/showers will occur in Kashmir, the North-West Frontier Province, the extreme north Punjab and northeast Baluchistan. Scattered thunderstorms will also occur in East Pakistan.

Morning mist/fog is likely along Sind Mekran Coast.

Karachi-11.
The 20th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTgTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTgTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st April 31 to date	Departure from normal	Since 1st Jan. 21 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Dac's Bazar	000 78	2 00 00	97 00	1066 84	0 0 0 0 0	- - - 89	000 76	0 00 00	97 00	1105 85	0 0 0 0 0	- - - 77	+ 2	+ 4	111.8	- 2.0	121.5	140
	Chittagong	000 69	2 xx xx	96 02	1060 90	8 6 7 7 0	0 x 9 91	000 75	1 16 02	—	098 85	1 x 7 0 0	3 x 9 76	+ 4	+ 3	104.5	+ 22.7	134.2	106
	Noakhali	000 79	2 36 03	96 05	0 xxx 87	1 1 5 0 2	- - - 90	000 78	0 00 00	90 49	4 xxx 79	9 0 -	- - 76	+ 4	+ 2	—	—	—	115
	Comilla	000 79	4 00 00	98 01	1068 88	4 4 7 0 0	- - - 84	000 78	2 00 00	98 03	1111 86	2 4 7 0 0	- - 77	- 4	+ 4	119.3	+51.4	126.7	94
	Brahmanbaria	000 76	0 00 00	97 00	1061 78	0 0 0 0 0	- - - 99	001 78	1 13 02	97 02	1105 89	1 1 5 0 0	- - - 78	—	—	61.8	+ 8.9	71.7	78
	Dacca	xxx 78	2 00 00	97 01	1065 85	1 2 6 0 1	6 xx 82	xxx 79	2 00 00	97 01	1069 87	2 8 6 0 0	0 0 x 76			—	—	—	—
	Narayanganj	000 78	5 00 00	97 01	1064 89	0 0 0 0 8	9 0 x 94	000 77	0 02 02	97 00	1096 88	0 0 0 0 0	9 x x 79	+ 6	+ 4	69.7	+17.6	88.6	74
	Mymensingh	000 78	0 00 00	99 00	2065 84	0 0 0 0 0	- - - 88	126 78	8 08 00	97 02	0115 78	8 6 6 -	3 x x 76	+ 1	+ 2	51.8	- 16.1	59.9	91
	Bhimangal	000 79	1 00 00	96 01	1062 82	1 2 6 0 0	- - - 91	000 77	3 00 00	96 02	1110 88	1 2 5 0 8	- - - 74	+ 1	+ 4	77.5	+18.7	104.6	98
	Khulna	000 80	2 00 00	97 00	0066 87	0 0 0 0 2	- - - 95	030 79	1 27 02	97 00	0108 89	1 8 8 0 0	- - - 79	+ 6	+ 6	45.0	- 7.0	53.9	68
	Satkhira	000 84	6 00 00	97 03	1064 85	4 4 7 6 0	- - - 92	000 85	0 03 02	98 00	0098 85	0 0 9 0 0	- - - 77	+ 3	+ 5	34.6	- 15.9	43.5	66
	Jessore	000 81	4 20 04	96 03	2049 88	4 8 6 0 0	- - - 96	040 80	8 28 02	97 00	0098 84	0 0 9 9 0	9 x x 76	+ 7	+ 2	36.7	- 19.1	44.0	80
	Faridpur	000 79	3 00 00	95 02	0060 90	2 4 7 1 0	8 x x 91	000 80	2 00 00	95 05	0103 84	2 4 7 0 0	9 x x 76	+ 4	+ 2	49.0	1.6	55.4	71
	Barisal	000 75	2 00 00	97 01	1060 85	1 3 7 2 0	- - - 92	000 80	4 27 02	97 02	1103 85	3 4 6 0 8	- - - 79	+ 5	+ 5	62.6	+ 2.4	72.3	81
	Pabna																		59
	Rampur Boalia	000 80	1 00 00	95 02	1060 87	1 1 7 0 0	- - - 88	009 78	0 00 00	98 00	0091 83	0 0 9 0 0	- - - 74	+ 1	+ 4	53.9	+ 5.1	63.9	56
	Sirajganj	005 76	3 00 00	96 01	0061 81	2 2 6 0 6	2 0 7 93	016 78	2 11 03	96 01	0105 82	1 1 5 0 1	3 0 x 78	+ 6	+ 3	37.4	- 17.2	44.2	66
	Bogra	000 78	0 00 00	97 00	1070 85	0 0 9 0 0	- - - 89	030 78	5 00 00	97 02	0111 83	0 0 9 4 0	- - - 72	+ 2	0	44.3	- 15.6	48.6	72
	Dinajpur	000 xx	1 00 00	98 02	1— —	0 0 9 1 0	- - - —	000 xx	2 09 02	98 02	1— —	2 1 8 0 0	- - - —	—	—	70.0	+ 3.7	79.4	86
	Rangpur																		
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Mingar																		-
	Allahad																		-
PUNJAB	Lyallpur	000 65	0 00 00	98 00	0067 93	0 0 0 0 0	- - - 97	000 61	0 00 00	92 10	4098 72	0 0 9 0 0	1 x x 66	+ 4	+ 5	5.9	- 2.3	10.2	13
	Lahore	000 60	0 00 00	95 05	0073 89	0 0 0 0 0	- - - 97	000 59	0 00 00	98 05	0107 72	0 0 9 0 0	- - - 65	+ 3	+ 7	10.6	- 4.0	14.7	19
	Sialkot	000 59	4 00 00	97 02	1064 90	0 0 0 0 4	- - - 97	000 52	0 18 02	97 00	1118 77	0 0 9 0 0	- - - 59	+ 5	- 5	13.8	- 9.0	18.8	33
	Jhelum	000 52	2 00 00	97 01	1075 95	0 0 0 0 2	- - - 98	000 52	0 00 00	96 00	0113 70	0 0 9 0 0	- - - 61	—	—	16.5	—	25.8	—
	Rawalpindi	000 48	2 27 02	98 01	1068 85	0 0 0 0 5	- - - 94	000 46	0 00 05	98 01	1114 70	0 0 8 0 0	- - - 60	+ 5	+ 4	14.9	- 9.0	25.7	38
	Murree †	000 32	5 27 03	98 02	1088 62	0 0 8 0 4	9 4 x 70	000 28	0 36 05	98 00	1088 59	0 0 9 0 0	9 x x 53	+ 5	+ 4	22.5	14.3	44.1	59
	Attock	xxx xx	4 02 02	98 01	0— —	4 x 7 0 0	- - - —	xxx xx	0 13 05	98 00	0— —	0 0 9 4 0	- - - —	—	—	—	—	—	—
	Khushab	000 61	1 31 05	98 01	1066 94	0 0 0 0 4	- - - 98	000 53	0 00 00	96 00	0101 77	0 0 9 0 0	- - - 69	+ 4	+ 7	3.1	- 1.3	8.0	15
	Montgomery	000 64	1 00 00	96 01	1066 95	0 0 9 0 1	4 0 x 99	000 59	3 00 00	97 01	1095 75	0 0 9 0 1	1 x x 67	+ 8	+ 4	2.5	- 5.0	6.1	16
	Leiah	000 55	0 21 02	97 00	0075 96	0 0 0 0 0	- - - 97	000 67	0 00 00	97 00	0103 70	0 0 9 0 0	- - - 67	—	—	0.0	—	6.6	8
	Multan	000 53	0 18 02	97 00	0072 95	0 0 9 0 0	- - - 98	000 53	0 18 02	96 00	0107 78	0 0 9 0 0	- - - 71	+ 4	+ 9	5.8	- 1.2	6.9	7
	Khanpur	000 59	0 31 05	94 04	0076 92	0 0 9 0 0	- - - 95	000 56	0 25 05	95 05	0109 77	0 0 9 0 0	- - - 75	+ 1	+ 14	0.2	4.5	1.9	8
	Bahawalpur	000 60	0 23 02	97 00	0072 94	0 0 9 0 0	- - - 97	000 63	0 23 05	97 00	0097 74	0 0 9 0 0	- - - 69	+ 3	+ 5	1.0	- 3.8	5.0	6
	Fort Abbas	000 87	0 28 03	98 00	0074 93	0 0 9 0 0	0 x x 00	000 76	0 13 02	98 00	0099 76	0 0 9 0 0	0 x x 71	—	—	2.8	—	3.7	8
N. W. F. P.	Drosh *	000 20	2 26 02	99 02	0969 79	3 0 9 3 0	3 x 9 82	000 25	0 00 00	98 00	0941 59	0 0 9 0 0	- - - 57	+ 6	+ 5	1.8	—	22.0	18
	Chakdara	000 54	0 96 08	99 00	0966 85	0 0 9 0 0	- - - 94	000 46	0 22 05	98 00	0134 64	0 0 9 0 0	- - - 56	—	—	6.5	—	13.8	—
	Cherat *	000 59	3 18 04	97 01	1065 77	0 0 9 0 1	3 6 x 83	000 49	0 36 05	97 00	0001 67	0 0 9 0 0	- - - 63	+ 6	+ 6	0.7	- 5.6	23.5	29
	Peshawar	000 58	5 00 00	96 03	1073 88	1 9 7 0 4	8 6 x 91	000 52	0 16 03	96 00	0113 74	0 0 9 0 0	- - - 65	+ 4	+ 5	1.8	- 2.9	9.1	14
	Parachinar	000 42	6 12 03	95 02	2072 73	2 4 7 8 0	5 x 7 76	000 44	6 00 00	99 00	1081 67	0 0 9 0 0	5 x x 58	+ 2	+ 5	10.5	—	28.0	28
	Miranshah	000 48	3 11 03	98 02	4075 85	0 0 9 0 5	- - - 88	000 22	5 00 00	98 00	4098 79	0 0 9 0 0	- - - 84	—	—	3.6	- 1.2	10.5	13
	Bannu	000 69	0 03 02	99 00	0060 92	0 0 9 0 0	- - - 94	000 57	0 27 02	99 00	0103 70	0 0 9 0 0	- - - 67	—	—	0.0	—	5.8	11
	D. I. Khan	000 67	0 00 00	96 00	0079 93	0 0 9 0 0	- - - 95	000 57	0 00 00	96 00	0116 68	0 0 9 0 0	- - - 62	+ 2	+ 1	1.1	- 4.4	2.2	9
	Wana																		11
	Landikotal	000 54	2 00 00	99 02	1070 82	0 0 9 1 0	- - - 83	000 48	0 00 00	99 00	0092 66	0 0 9 0 0	- - - 58	-	—	2.4	—	12.0	—
	Bangi	xxx xx	0 00 00	97 00	0— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00	0— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	xxx xx	0 23 02	99 00	0— —	0 0 9 0 0	- - - —	xxx xx	0 36 09	99 00	0— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 83	2 17 05	97 01	1081 68	0 0 9 4 8	- - - 86	000 40	0 00 00	94 05	0035 64	0 0 9 0 0	- - - 86	+ 4	+11	4.1	- 1.0	10.9	11
	Hindubagh	000 86	1 09 05	97 01	1064 77	1 1 8 0 0	7 x x 79	000 81	0 00 00	98 00	0099 58	0 0 9 0 0	- - - 47	—	—	0.2	—	5.5	—
	Loralai	000 55	0 23 05	96 00	0068 77	0 0 9 0 0	- - - 91	000 34	0 23 02	96 00	0012 59	0 0 9 0 0	- - - 49	—	—	1.7	—	8.1	—
	Barnali (a)	000 xx	0 05 05	96 00	0— —	0 0 9 0 0	- - - —	000 xx	0 09 05	96 00	0— —	0 0 9 0 0	- - - —	—	—	2.0	- 5.5	10.6	14
	Sibi	000 54	0 00 00	99 00	0064 98	0 0 9 0 0	- - - 90	000 54	0 00 00	98 00	0113 74	0 0 9 0 0	- - - 60	—	—	2.2	—	3.8	5
	Quetta †	000 44	0 26 05	99 00	0068 79	0 0 9 0 0	- - - 80	000 44	0 00 00	97 00	0083 54	0 0 9 0 0	- - - 50	—	—	0.5	- 0.2	9.3	9
	Chaman	000 54	0 23 02	97 00	0074 79	0 0 9 0 0	- - - 81	000 48	0 11 03	97 00	0001 72	0 0 9 0 0	- - - 64	+ 1	+14	0	- 0.3	9.6	3
	Nushki	000 51	0 27 05	97 00	0076 89	0 0 9 0 0	- - - 90	000 49	0 00 10	96 00	0086 77	0 0 9 0 0	- - - 72	—	—	0	—	5.5	—
	Dalbandin *	000 50	0 23 02	95 05	0062 92	0 0 9 0 0	- - - 92	000 35	0 00 00	96 00	0093 62	0 0 9 0 0	- - - 59	+ 5	+10	0	- 0.3	1.8	4
	Sokkundi	000 65	0 16 02	99 00	1034 94	0 0 9 0 0	- - - 95	000 43	0 07 02	99 00	0097 73	0 0 9 0 0	- - - 64	—	—	0	—	0.9	3
	Kalat †	000 51	0 18 05	98 00	0978 77	0 0 9 0 0	- - - 80	000 44	0 18 05	98 00	0007 52	0 0 9 0 0	- - - 48	+ 6	+ 9	0.8	- 0.6	4.7	7
	Turbat	000 78	0 13 05	97 00	0070 86	0 0 9 0 0	- - - 01	000 71	0 24 02	96 00	0134 76	0 0 9 0 0	- - - 70	—	—	0	- -	1.4	—
	Panjgur *																		5
	Las Bela	000 82	0 98 06	99 00	0057 93	0 0 9 0 0	- - - 80	000 73	0 00 00	99 00	0115 75	0 0 9 0 0	- - - 68	—	—	1.6	—	1.7	3
	Ormara	000 74	0 13 02	97 00	0080 85	0 0 9 0 0	- - - 85	000 68	0 00 00	96 00	0121 76	0 0 9 0 0	- - - 71	—	—	0.2	- 0.5	2.1	6
	Pasni	000 76	0 13 05	97 00	0082 80	0 0 9 0 0	- - - 84	000 74	0 09 05	96 00	0126 77	0 0 9 0 0	- - - 72	- 8	+ 5	9.8	- 0.1	5.0	6
	Jiwani																		4
SIND	Keti	000 64	0 18 02	96 00	0074 87	0 0 9 0 0	- - - 90	000 55	0 00 00	98 00	0117 71	0 0 9 0 0	- - - 68	—	—	1.7	—	2.2	-
	Jacobabad	000 65	0 18 03	96 00	0073 93	0 0 9 0 0	- - - 96	000 58	0 05 02	97 00	0117 74	0 0 9 0 0	- - - 72	1	+ 8	0.2	- 2.0	0.7	4
	Sukkur	000 65	0 xx xx	96 00	0073 93	0 0 9 0 0	- - - 97	000 67	0 xx xx	96 00	0116 73	0 0 9 0 0	- - - 69	—	—	0.5	—	1.0	4
	Padidan	000 52	0 00 00	96 00	0079 93	0 0 9 0 0	- - - 96	000 59	0 00 00	98 00	0114 75	0 0 9 0 0	- - - 70	—	—	0.3	—	0.9	-
	Karachi (Manora)	000 72	2 22 05	97 01	1098 82	2 6 4 0 0	- - - 87	000 74	3 00 00	96 01	1120 77	3 6 4 0 0	- - - 75	- 1	+ 2	1.5	- 4.5	1.8	3
	Karachi (A. P.)	000 77	1 22 09	96 01	1090 81	1 6 5 0 0	- - - 89	000 72	1 00 00	96 02	1122 77	1 6 4 0 0	- - - 71	—	—	2.9	—	3.0	-
	Badin	000 66	0 18 03	97 00	0096 89	0 0 9 0 0	- - - 92	000 70	0 27 03	97 00	0119 77	0 0 9 0 0	- - - 70	- 3	+ 2	1.0	- 0.3	1.0	9
	Nagarparkar																		
	Ohiar (Umarkot)	000 68	0 25 07	97 00	0070 95	0 0 9 0 0	- - - 87	000 71	0 00 00	97 00	0119 75	0 0 9 0 0	- - - 69	—	—	2.2	—	2.2	-
	Hyderabad	000 64	4 23 03	97 00	0083 92	0 0 9 0 0	- - - 84	000 73	0 23 02	96 00	0119 74	0 0 9 0 0	- - - 70	- 4	0	1.5	- 4.3	2.8	7
	Veravai																		26
Areas Adjacent	Kabul	000 33	5 07 02	98 01	1013 73	0 0 9 2 0	- - - 76	000 28	0 20 03	98 00	0024 53	0 0 9 0 0	- - - 45	—	—	0.7	—	16.5	12
	Jalalabad	000 42	5 00 00	97 03	1095 87	0 0 9 5 0	4 x 9 91	000 51	0 25 02	97 00	1001 63	0 0 9 0 0	9 x x 59	—	—	9.5	—	6.9	—
	Kandahar	000 57	2 00 00	93 02	1035 78	0 0 9 0 0	- - - 91							—	—				—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 20TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_sD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_sD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st June 52 to date	Departure from normal	Since 1st Jan. 52 to date	Antecedent rainfall
3	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	-	-				-	-	-				-	-	-	-	-	-	4
	Jask	-	-				-	-	-				-	-	-	-	-	-	1
	Masnee	-	-				-	-	-				-	-	-	-	-	-	18
	Bushire		-					-	-					-	-				11
Arabia	Muscat	000 79	0 13 02	97 09 0	059 86	0 0 0 0 0	- - - 80	000 70	0 31 05	96 00 0	105 85	0 0 0 0 0	- - - xx	0	—	0	- 0.2	2.3	4
	Sharjah	—																—	4
	Kuwait	000 xx	2 36 02	97 01 0	092 87	0 0 0 3 0	- - - 87	000 xx	0 03 10	97 00 0	124 76	0 0 0 0 0	- - - 72	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre 5,350-5,356 feet according to latitude.
† Barometer readings reduced to 5 geodynamic Kilometre (6,609-6,712 feet according to latitude..
†† Barometer readings reduced to 5 geodynamic Kilometre (10,049,-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Strathnave	68 184	681 00	7 00 00	98 05 0	116 80	67 4 05	—	—	0 54 70	1 00 x0
Daressa	63 221	689 06	2 25 01	97 05 0	116 80	21 5 00	7 5 120	—	0 02 78	—
Jersey City	63 197	706 05	x 22 05	98 02 0	090 82	10 5 40	4 4 200	—	0 01 92	1 00 3x
Pastewl	63 084	719 18	3 26 08	98 01 1	052 82	22 9 70	6 6 500	—	0 51 xx	1 26 xx
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 14	007 27	251 60	000 29	262 47	854 92	210 54	700 95	115 94	509 34

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	529 84	302 60	799 91	555 55	389 00	191 58	368 90	181 57	558 33	210 29	666 00	195 33	456 00	656 42	504 00

PPP—Pressure in hundreds, tens 2nd units of millibars, hh—Height in thousands, and hundreds of feet; PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8	9	10	11	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	7	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Bogra	25 01	24 02	25 06	26 13	29 19	30 15	—	—	—	—	16 11	17 10	21 07	25 07	—	—	06 05	26 04	26 10	31 07	32 11	29 10	26 07	—		
Chhor	23 07	23 06	19 09	17 15	19 15	—	—	—	—	—	—	—	—	—	—	—	26 09	26 06	17 09	29 17	31 17	32 17	19 13	—		
Chittagong	32 10	26 09	26 12	01 35	02 11	22 05	30 15	—	—	—	08 07	—	—	—	—	—	01 08	01 11	01 11	35 12	36 11	35 04	25 11	25 05		
Cox's Bazar	25 14	01 07	02 07	03 08	36 07	34 02	31 06	—	—	—	15 18	26 08	36 12	36 21	01 25	—	19 11	18 05	18 07	36 02	20 05	32 10	20 05	—		
Dacca	30 03	30 03	31 06	30 10	31 16	29 15	28 11	28 15	26 19	—	28 08	26 07	27 06	32 11	32 19	—	34 03	26 07	28 05	30 08	31 12	29 07	30 06	—		
Dhubandir	—	—	06 04	15 03	19 05	15 05	19 19	28 17	—	—	—	—	27 06	22 03	19 03	28 11	—		30 01	22 06	29 12	24 09	04 05	28 20		
Drosr	—	—	—	—	02 01	13 03	18 64	30 15	—	—	—	—	—	12 04	23 03	31 05	—	—			04 03	01 16	34 15			
Fort Sandeman	—	—	—	23 01	23 05	31 08	26 09	25 27	—	—	—	—	—	24 04	21 01	28 14	—	—	—	24 04	31 06	29 07	01 05	27 10		
Faco babac	20 03	19 05	18 06	19 03	15 02	11 07	21 10	28 15	26 17	24 31	20 17	21 07	28 10	20 03	05 06	01 07	—	—	—	—	—	—	—			
Sheiun	30 05	28 05	29 03	30 10	34 07	31 10	34 15	29 14	29 29	—	31 07	31 11	31 16	31 14	26 06	31 10	35 08	33 06	36 15	35 17	33 16	32 10	33 14	29 29		
Siwan									—	—					—	—							—	—		
Karachi	27 12	27 08	28 06	02 05	07 10	09 18	11 06	22 05	31 12	34 28	26 06	26 03	17 05	06 14	06 09	11 06	29 13	29 11	31 07	07 09	19 10	20 11	21 09	—		
Khanpur	26 14	26 14	28 08	15 02	14 07	11 07	23 00	29 15	—	—	24 02	24 10	24 18	25 09	10 06	08 08	25 16	25 17	26 14	23 09	19 05	07 06	22 04	26 15		
Lahore	33 07	30 06	25 07	29 09	31 04	30 09	29 15	28 17	—	—	28 04	28 04	29 02	29 04	26 09	29 17	26 10	29 15	29 15	30 13	32 11	32 10	30 06	—		
Multan	28 03	27 05	26 07	24 08	27 04	28 09	26 08	27 15	28 21	29 35	24 14	23 13	24 10	23 05	02 04	01 11	23 13	22 07	19 04	21 01	01 04	08 08	20 19	—		
Peshawar	...	03 04	04 03	03 02	34 05	24 10	23 14	29 19	28 17	30 26	—	00 01	13 02	35 04	26 06	28 08	—	23 03	25 07	33 07	33 04	31 12	33 12	29 15		
Quetta					21 15	15 09	20 14	26 18	—	—	—	—	—	—	16 09	13 10	—	—	—	—	15 09	18 04	25 03	25 14		
Bushire											—	—	—	—							—		—	—		
Bhasar											—	—	—	—									—			

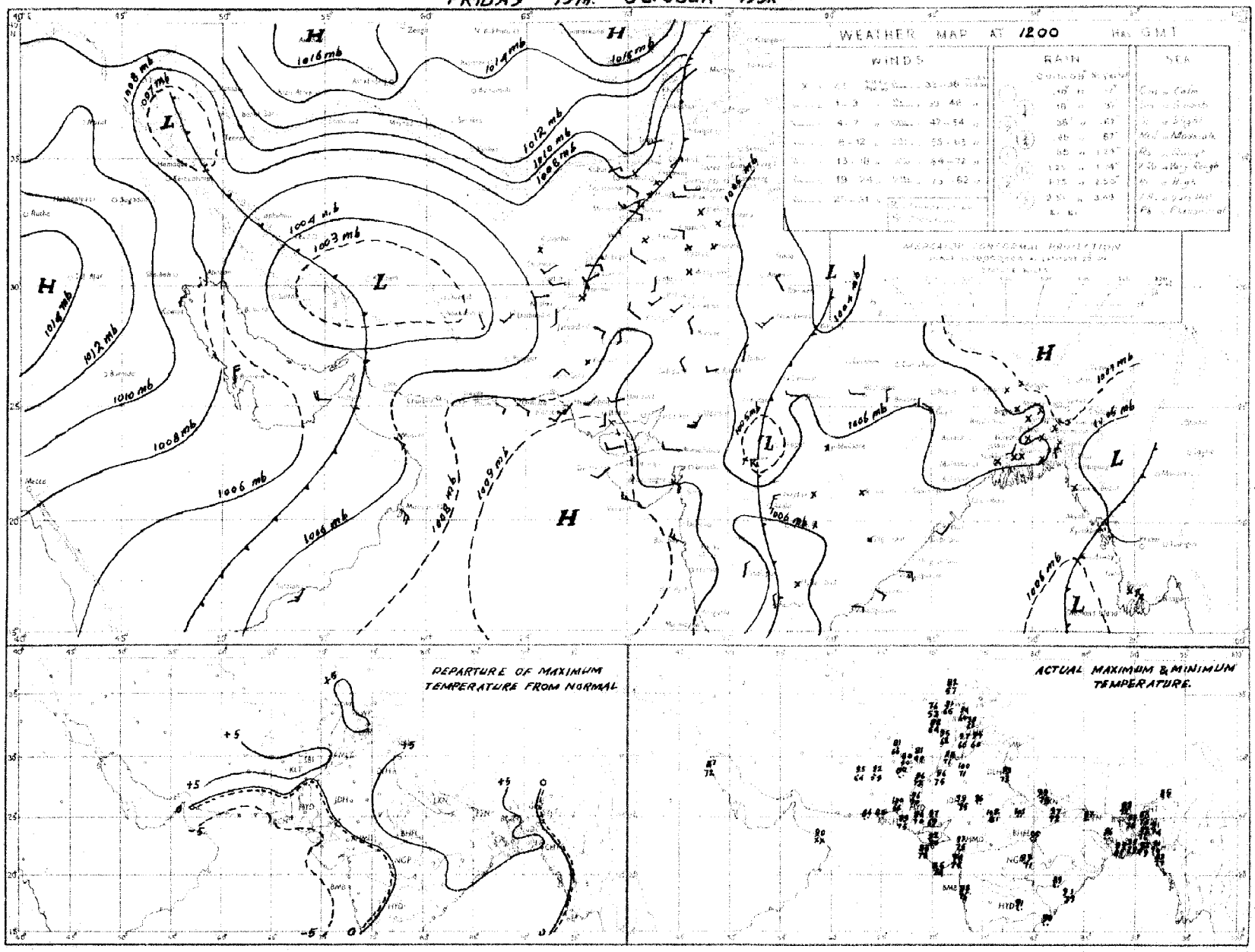
Cloud Observation Data (iiiGG Cddv, v_r)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0 4.0 5.0, 7.0, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

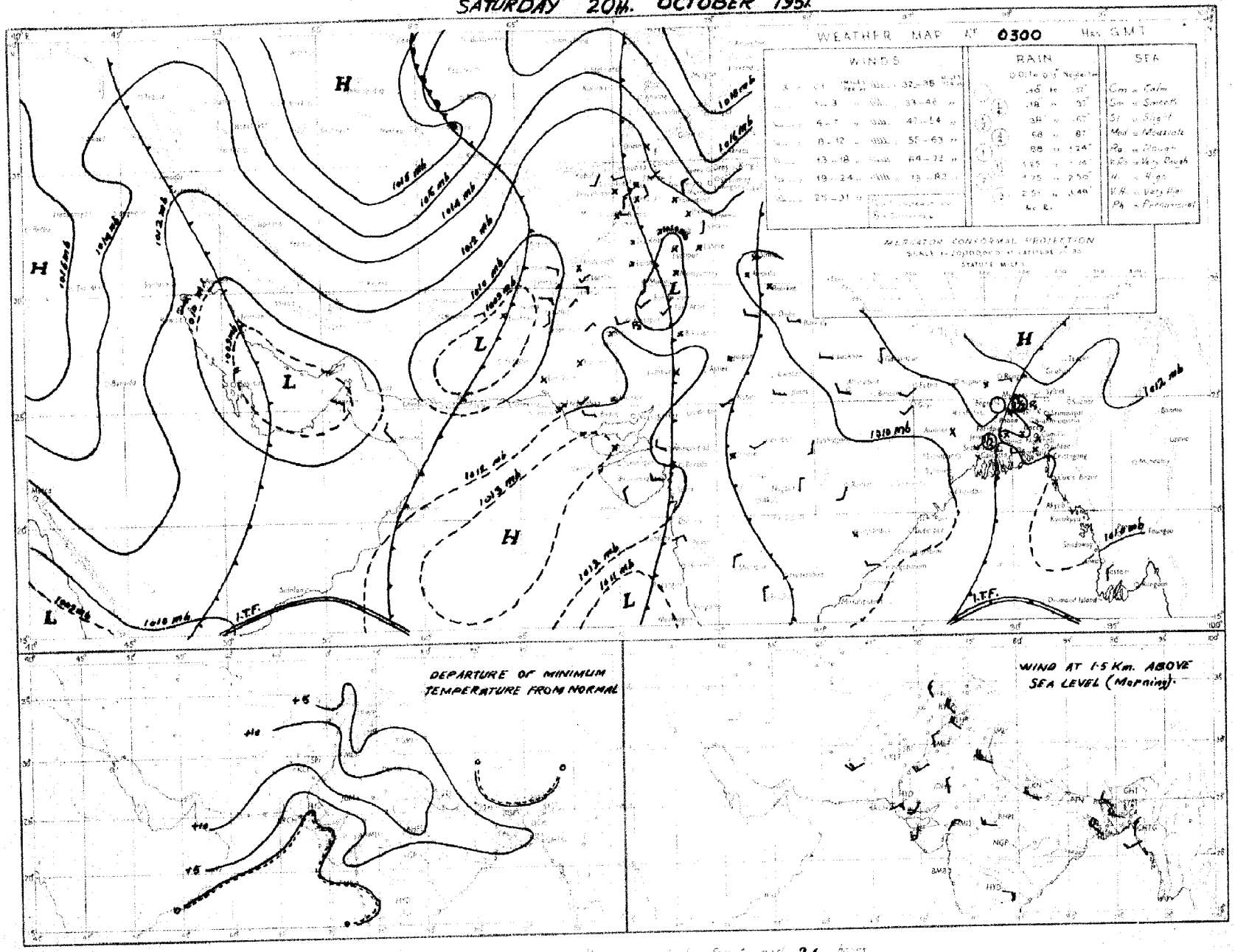
FRIDAY 19th. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SATURDAY 20th. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SUNDAY, THE 21ST OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low lies in Andaman sea.
Another trough of low extends from central Iran to west Baluchistan.
Weather remained dry over the country.
Day temperatures were generally appreciably above normal over the country outside Sind and south Baluchistan.
Forecast valid until the evening of 22nd :—Weather will be dry over the country.

Karachi-11.
The 21st October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$ C$_H$	W$_t$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_n$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st April 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 78	2 00 00	98 01 1	064 85	3 0 0 4 0	- - - × 90	000 76	2 00 00	97 02 4	107 85	0 0 9 0 1	3 9 × 76	+ 8					140
	Chittagong	000 78	0 24 02	96 02 1	061 86	0 6 9 0 0	- - - 91	000 76	2 00 00	96 01 4	××× 85	0 0 9 3 1	- - - 78	+ 4	+ 3	104.5	+ 22 6	134.2	108
	Noakhali	000 76	5 36 02	94 03 1	×× 89	8 2 5 2 0	- - × 91	000 76	2 00 00	96 01 4	××× 85	0 0 9 3 1	- - - 78	+ 5	+ 4	—			115
	Comilla	000 79	2 36 02	98 01 1	061 86	2 1 7 0 0	- - - 89	000 77	0 18 02	96 00 0	105 83	0 0 9 0 0	- - - 77	+ 1	+ 4	119 3	+53 2	126 7	94
	Brahmanbaria	000 76	0 00 00	97 00 1	065 87	0 0 9 3 0	- - - 89	000 75	2 00 00	97 01 1	110 87	2 5 5 0 0	- - - 78		—	81.8	+ 8.7	71.7	78
	Dacca	×× 79	1 00 00	97 01 2	060 85	1 2 6 0 0	3 × × 93	×× 79	3 00 00	95 03 4	104 87	3 5 5 0 0	3 × × 74						
	Narayangan)	000 77	2 09 02	97 01 1	×× 87	1 2 5 0 8	8 0 × 92	000 75	3 09 02	96 01 1	100 89	8 5 5 0 0	- - - 79	+ 4	+ 4	69.7	+17 5	88.6	74
	Mymensingh	000 78	3 00 00	99 02 2	076 84	8 4 7 -	- - - 56	000 78	0 09 00	98 00 0	116 82	0 0 9 0 0	- - 76	1	+ 2	51 8	- 16.2	50 9	91
	Brimangal	000 80	3 00 00	95 02 1	070 82	0 0 9 0 3	- × - 90	000 75	0 00 00	98 00 1	111 81	0 0 9 0 0	- - 70	0	0	77.5	+13 5	104 6	98
	Khulna	000 80	1 00 00	96 00 0	065 90	0 0 9 2 0	- - - 97	000 77	0 00 00	97 00 0	108 87	0 0 9 0 0	- - 77	+10	+ 4	45 0	7 1	53.9	60
	Satkhira	000 80	6 00 00	97 03 1	068 90	4 4 7 6 0	- - - 94	000 77	2 00 00	98 00 0	094 86	0 0 9 0 0	- - + 74	+ 5	+ 2	34 8	15 1	43 5	65
	Jessore	000 80	1 00 00	97 01 2	063 87	1 8 6 0 0	- - - 95	000 76	0 18 02	97 00 1	108 84	0 0 9 0 0	- - - 75	+ 6		36 9	10 2	44 0	65
	Faridpur	000 67	1 00 00	95 05 0	072 88	0 0 9 8 0	9 × × 89	000 77	0 16 02	96 05 0	109 86	0 0 9 0 0	- - - 76	+ 2	+ 2	49 0	4 7	55.4	71
	Barisal	000 77	3 00 00	97 01 1	062 86	0 0 9 2 8	- - - 91	000 75	0 31 02	97 00 1	105 86	0 0 9 0 0	- - - 77	+ 4	+ 3	62 6	+ 2 8	72 3	81
	Pabna																		59
	Rampur Boalia																		60
	Sirajganj	000 77	0 00 00	96 00 0	060 84	0 0 9 0 0	- - - 88	000 80	0 00 00	99 00 0	100 85	0 0 9 0 0	- - 77	- 1	+ 4	53.9	+19 0	62 9	64
	Bogra	000 78	1 00 00	96 00 0	063 85	1 1 8 0 0	- - - 89	000 79	3 09 02	95 03 4	106 84	3 6 5 0 0	3 - - 78	+ 2	+ 3	37.4	17 5	44.3	69
	Dinajpur	000 78	0 00 00	96 00 0	065 85	0 0 9 0 0	- - - 90	000 76	0 00 00	97 00 0	115 86	0 0 9 0 0	- - 75	+ 3	+ 3	44.2	15.7	48 8	72
	Rangpur	000 ××	1 00 00	96 01 1	— —	1 1 9 0 0	- - - —	000 ××	2 07 02	98 02 1	— —	2 1 8 0 0	- - - ××	—	—	70 0	—	70 4	84
KASHMIR	Srinagar																		-
	Gulmarg																		-
	Sonamarg (a)																		-
	Dras																		-
	Leh																		-
	Skardu																		-
	Gilgit																		-
	Bingar																		-
	Abbtabad																		-
PUNJAB	Lyallpur	000 70	0 00 00	96 00 0	061 93	0 0 9 0 0	- - - 97	000 63	0 00 00	98 10 4	099 69	0 0 9 0 0	1 × × 66	+ 4	+ 5	5.0	3 2	10 2	13
	Lahore	000 63	0 00 00	96 00 0	071 93	0 0 9 0 0	- - - 97	000 59	0 00 00	96 00 0	097 75	0 0 9 0 0	- - - 66	+ 3	+ 8	10 0	4 0	14 7	19
	Sialkot	000 61	0 00 00	97 00 0	070 87	0 0 9 0 0	- - - 96	000 54	0 05 02	97 00 0	098 75	0 0 9 0 0	- - - 66	+ 1	- 9	12.8	9.9	18 7	22
	Jhelum	000 61	0 00 00	97 00 0	064 92	0 0 9 0 0	- - - 96	000 58	0 00 00	96 00 0	108 70	0 0 9 0 0	- - - 63	—	—	16 5	-	25 8	
	Rawalpindi	000 54	0 00 00	99 00 0	066 85	0 0 9 0 0	- - - 93	000 48	0 00 00	97 00 0	109 69	0 0 9 0 0	- - - 59	+ 4	+ 3	14 9	9.0	25.7	39
	Murree	000 55	0 27 02	98 00 0	061 84	0 0 9 0 0	- - - 72	000 32	0 27 02	98 00 0	085 61	0 0 9 0 0	- - - 55	+ 7	+ 6	22.5	14 4	44.1	52
	Attock	××× ××	2 34 02	98 00 0	— -	0 0 9 0 0	- - - —	××× ××	0 09 02	96 00 0	—	0 0 9 0 0	- - - ××			—	—	—	
	Khushab	000 60	0 18 05	98 00 0	059 96	0 0 9 0 0	- - - 00	000 59	0 00 00	96 00 0	095 73	0 0 9 0 0	- - - 67	+ 6	+ 5	3 0	- 7.3	8.0	16
	Montgomery	000 67	0 00 00	96 00 0	066 94	0 0 9 0 0	- - - 97	000 74	0 00 00	96 00 0	096 75	0 0 9 0 0	- - - 65	+ 1	+ 2	2.5	5 0	6.1	10
	Lyallpur	000 93	0 18 02	97 00 0	066 99	0 0 9 0 0	- - - 00	000 66	0 00 00	97 00 0	090 72	0 0 9 0 0	- - - 64		-	0.9	-	6.6	8
	Multan	000 59	0 18 02	96 00 0	073 94	0 0 9 0 0	- - - 00	000 55	0 23 02	97 00 0	096 75	0 0 9 0 0	- - - 69	+ 5	+ 7	3.8	1 2	8.9	7
	Khanpur	000 67	0 18 03	95 00 0	070 95	0 0 9 0 0	- - - 97	000 58	0 23 05	95 00 0	096 76	0 0 9 0 0	- - - 63	+ 2	+ 9	0.3	4.5	1.9	8
	Bahawalpur	000 70	0 23 02	97 00 0	075 95	0 0 9 0 0	- - - 98	000 58	0 20 03	97 00 0	090 70	0 0 9 0 0	- - - 67	+ 4	+ 6	1 9	2.3	5 0	6
	Fort Abbas	000 85	0 23 03	98 00 0	070 96	0 0 9 0 0	0 × × 98	000 65	0 23 02	95 00 0	××× 76	0 0 9 0 0	- - - 65		—	2.8	-	3.7	3
N. W. F. P.	Drosh	000 11	0 20 03	99 00 0	058 83	0 0 9 0 0	- - - 83	000 25	0 00 00	99 00 0	029 58	0 0 9 0 0	- - - 58	+ 7	+ 6	1 8	—	22 0	18
	Chakdara	000 50	0 02 02	99 00 0	061 89	0 0 9 0 0	- - - 92	000 41	0 27 03	98 00 0	116 63	0 0 9 0 0	- - - 50		—	6.5	—	18.8	
	Cherat	000 52	0 16 05	97 00 0	079 79	0 0 9 0 0	- - - 83	000 49	0 35 04	97 00 0	087 71	0 0 9 0 0	- - - 63	+ 7	+ 6	6.7	- 5.7	26 6	29
	Peshawar	000 56	0 05 02	96 00 0	086 87	0 0 9 0 0	- - - 93	000 53	0 00 00	98 00 0	108 69	0 0 9 0 0	- - - 67	+ 6	+ 7	1.8	- 3.9	9 1	14
	Parachinar	000 38	0 18 02	99 00 0	062 74	0 0 9 0 0	- - - 80	000 34	0 00 00	99 00 0	043 64	0 0 9 0 0	- - - 54	+ 6	+ 6	10.6		28 0	29
	Miranshah	000 45	0 11 05	98 07 4	057 86	0 0 9 0 0	- - - 88	000 43	0 00 00	99 00 0	075 78	0 0 9 0 0	- - - 64	—	—	3.6	1 2	10 5	18
	Bannu	000 59	0 00 00	99 00 0	052 91	0 0 9 0 0	- - - 95	000 52	0 38 02	99 00 0	094 69	0 0 9 0 0	- - - 67		—	0.9		5.8	11
	D. I. Khan	000 68	0 00 00	96 00 0	063 94	0 0 9 0 0	- - - 95	000 58	0 00 00	96 00 0	094 68	0 0 9 0 0	- - - 62	+ 2	+ 2	1.1	4.4	2.3	2
	Wana																		11
	Landikotal	000 54	0 00 00	99 00 0	052 65	0 0 9 0 0	- - - 88	000 46	0 00 00	98 00 0	031 65	0 0 9 0 0	- - - 58		—	2.4	—	12.0	-
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - ××	—	—		—	—	-
	Thall																		-
BALUCHISTAN	Fort Sandeman	000 10	0 00 00	96 05 0	067 85	0 0 9 0 0	- - - 87	000 35	0 00 00	95 05 0	086 68	0 0 9 0 0	- - - 57	+ 5	+ 8	4.1	- 1.0	10 0	13
	Hindubagh	000 34	1 28 02	98 01 1	065 80	1 1 8 0 0	7 × × 83	000 32	0 27 02	95 00 0	090 59	0 0 9 0 0	- - - 46		—	0.2	—	8.5	-
	Loralai	000 61	0 00 00	96 00 0	069 78	0 0 9 0 0	- - - 85	000 42	0 00 00	96 00 0	090 60	0 0 9 0 0	- - - 53	—	—	1.7	—	8 1	-
	Harnai (a)	000 ××	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	1 27 05	95 00 0	—	0 0 9 0 1	- - - ××		—	2.0	- 5.6	10.6	14
	Sibi	000 46	0 18 05	99 00 0	068 95	0 0 9 0 0	- - - 98	000 56	0 00 00	95 00 0	098 72	0 0 9 0 0	- - - 58	—	—	2.3	—	3.8	6
	Quetta	000 40	0 34 07	98 00 0	072 79	0 0 9 0 0	- - - 82	000 40	0 11 02	97 00 0	077 53	0 0 9 0 0	- - - 44	—	—	0.8	- 0.3	0.3	9
	Chaman	000 51	0 23 03	97 00 0	070 68	0 0 9 0 0	- - - 82	000 40	0 11 02	97 00 0	095 71	0 0 9 0 0	- - - 64	+ 1	+ 15	0	0.5	0.6	5
	Nushki	000 57	0 27 09	97 00 0	076 89	0 0 9 0 0	- - - 91	000 53	0 11 14	96 00 0	054 75	0 0 9 0 0	- - - 72			0	—	5.5	
	Dalbandin	000 49	0 00 00	96 00 0	071 92	0 0 9 0 0	- - - 92	000 35	0 00 00	96 00 0	087 68	0 0 9 0 0	- - - 50	+ 5	+ 1	0	0 3	1.8	4
	Nokkundi	000 73	1 00 00	99 03 0	085 93	0 0 9 0 1	- - - 97	000 36	0 07 02	99 00 0	088 74	0 0 9 0 0	- - - 72	—	—	0	—	0.9	2
	Kalat	000 54	0 21 05	98 00 0	065 75	0 0 9 0 0	- - - 76	000 44	0 19 05	96 00 0	081 52	0 0 9 0 0	- - - 47	+ 4	+ 3	0.8	0 5	4.7	7
	Turbat	000 73	0 20 05	97 00 0	094 94	0 0 9 0 0	- - - 95	000 75	0 24 02	96 00 0	××× 76	0 0 9 0 0	- - - 73	—	—	0		1.4	-
	Panjgur	000 24	0 31 02	97 00 0	075 87	0 0 9 0 0	- - - 88	000 51	0 05 02	97 00 0	098 69	0 0 9 0 0	- - - 57	+ 2	+ 3	0	—	8.2	5
	Las Bela	000 81	0 16 03	97 00 0	079 93	0 0 9 0 0	- - - 00	000 73	0 00 00	99 00 0	125 79	0 0 9 0 0	- - - 69		—	1 6	—	3.8	6
	Ormara	000 71	0 27 09	98 00 0	101 82	0 0 9 0 0	- - - 84	000 66	0 27 05	96 00 0	128 74	0 0 9 0 0	- - - 72	—	—	0.3	0 5	3.0	8
	Pasni	000 69	0 23 07	98 00 0	104 84	0 0 9 0 0	- - - 87	000 69	0 27 02	96 00 0	130 75	0 0 9 0 0	- - - 69	5	+ 2	0.8	0 2	5.0	6
	Jiwani																		4
SIND	Met.	000 48	0 28 03	96 00 0	088 96	0 0 9 0 0	- - - 90	000 57	0 18 05	96 00 0	××× 71	0 0 9 0 0	- - - 67	—		1.7	—	2.3	
	Jacobabad	000 54	0 13 03	97 00 0	081 94	0 0 9 0 0	- - - 96	000 53	0 35 02	97 00 0	102 70	0 0 9 0 0	- - - 66	1	+ 2	0.2	3.0	0.7	4
	Sukkur	000 85	0 23 ××	96 00 0	078 94	0 0 9 0 0	- - - 96	000 67	0 ×× ××	96 00 0	096 73	0 0 9 0 0	- - - 71			0.5	—	1.0	4
	Padidan	000 51	0 18 05	98 00 0	081 91	0 0 9 0 0	- - - 95	000 65	0 00 00	98 00 0	101 73	0 0 9 0 0	- - - 67	—	—	0.8	—	0.9	
	Karachi (Manora)	000 75	1 25 09	98 01 1	104 83	1 6 4 0 0	- - - 85	000 74	0 29 05	98 00 0	110 78	0 0 9 0 0	- - - 76	- 8	+ 3	1.5	- 4.5	1 6	3
	Karachi (A. P.)	000 75	1 25 12	96 03 1	105 82	1 6 4 0 0	- - - 88	000 75	0 27 05	97 00 0	123 77	0 0 9 0 0	- - - 75	—	—	3.9	—	3.9	
	Badin	000 57	0 23 05	97 00 0	095 93	0 0 9 0 0	- - - 95	000 71	0 23 03	97 00 0	128 77	0 0 9 0 0	- - - 71	0	+ 3	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 65	0 23 05	97 00 0	083 94	0 0 9 0 0	- - - 97	000 71	0 23 03	97 00 0	102 76	0 0 9 0 0	- - - 70	—	—	2.3	—	2.3	
	Hyderabad	000 62	0 28 05	97 00 0	092 92	0 0 9 0 0	- - - 96	000 69	0 00 00	96 00 0	107 75	0 0 9 0 0	- - - 72	- 2	+ 2	1.8	- 4.3	2.9	7
	Veraval																		26
AFGHANISTAN	Kabul	000 37	1 02 03	98 01 0	007 76	0 0 9 0 0	- - - 79	000 31	0 29 03	98 00 0	018 49	0 0 9 0 0	- - - 46	—	—	0.7	—	10.5	13
	Jalalabad	000 65	1 00 02	97 01 0	099 89	0 0 9 7 0	2 × 9 92	000 47	0 25 02	97 00 1	000 64	0 0 9 0 0	- - - 55	—	—	0.5	—	0.9	-
	Kandahar																		-

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 21ST OCTOBER, 1951

Division	Stations	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_hhC_MC_H$	$W_tD_sD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_hhC_MC_H$	$W_tD_sD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sind	Charba:	-	-		-			-	-	-					-		-	-	4
	Jaat	-	-					-	-	-					-				4
	Mashed	-	-					-	-	-					-			-	10
	Bushire		-					-	-	-									11
Arabia	Musca:	000 76	2 31 05	97 00 0	001 85	0 0 9 0 1	- - - 88	000 78	0 31 02	96 00 0	117 85	2 1 × 0 0	- - - ××	- 2	—	0	0.2	8.8	4
	Sharjah	000 ××	0 00 00	97 00 0	118 83	0 0 9 0 0	- × - 84	000 ××	0 24 05	97 00 0	047 72	0 0 9 0 0	- - - ××	—	—	0	—	1.5	4
	Kuwait																		1

* Barometer readings reduced to 1 geodynamic Kilometre 3,850-3,856 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre 5,699-5,712 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049,-10, 060 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed.
(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kedoc	78 074	715 18	4 31 06	98 01 1	115 82	22 4 60	6 4 100	—	0 51 24	1 ×× ××
Pasteur	73 008	624 18	1 34 05	98 02 1	085 81	12 5 00	6 8 200	—	0 44 ××	1 45 ××
Pasteur	72 102	613 24	1 33 05	98 02 1	107 80	11 6 00	6 8 200	—	0 56 11	1 34 13
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—			iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			PiPihihihi			T1T1Td1Td1Tx1 etc.			5555		hihiPiPiPi			T1T1Td1Td1Tx1 etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karach ...	780 14	005 26	248 80	000 31	261 92	854 96	200 86	700 27	115 11	509 36	519 07	555 85	539 00	211 29	678 00	170 73	456 00	945 86	805 25	809 00					

PPP—Pressure in hundreds, tens and units of millibars, PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ††										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ††						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ††							
	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bagra	32 02	29 04	26 07	28 07	30 09	29 07	29 15	—	—	—	13 02	18 05	—	—	—	—	11 04	10 03	33 04					
Dhaka	20 05	11 11	20 12	21 12	20 11	23 14	19 12	21 17	20 15	—	—	—	—	—	—	—	26 12	25 18	26 19	25 15	22 18	21 17	24 12	24 25
Chittagong	35 06	35 09	35 10	34 11	34 10	29 11					30 03	31 03	31 05	33 13	—	—	36 02	34 04	35 07	24 06	30 05	31 07	33 08	34 05
Cox's Bazar	35 13	35 15	34 14	02 13	03 04	19 02	12 03	23 03	29 06	33 05	34 09	34 09	35 13	02 12	03 05	25 03	35 09	35 09	35 11	35 07	34 04	19 06	32 02	34 05
Dacca	10 04	34 04	27 05								18 04	23 03	29 05	32 13	32 10	29 07	04 01	04 02	36 05	32 16	31 10	33 06	36 10	—
Dalwandin	—	—	21 03	26 04	24 07	25 07	19 09	23 15	23 26	24 35		—	—	21 01	26 04	12 03	—		27 01	20 09	20 12	12 05	34 09	29 11
Dinar		—	—		05 02	35 10	16 04	31 06	—	—	—		—		15 02	11 01	—	—			04 07	35 17	01 04	33 09
Fort Sandeman	—		—	29 03	27 03	24 04	—				—				22 09	22 17			—	24 05	08 04	32 11	13 07	
Peshabad	18 05	19 03	21 01	09 04	09 05	19 06	22 10	24 27	24 45	25 06	17 04	21 07	21 08	36 02	07 01	34 07	19 04	23 05	06 02	32 07	31 09	01 09	29 12	25 15
Sheikhupura	18 01	29 03	29 04	31 14	31 15	31 18	28 13	31 13	29 29	—	04 05	31 07	29 10	29 10	29 12	23 11	11 03	31 04	30 06	30 11	31 13	33 09	29 11	29 16
Siwani																								
Karachi	34 12	28 09	28 05	21 10	21 15	21 16	23 15	21 19	19 24	22 29	28 15	26 14	27 11	22 16	21 12	20 09	30 01	29 16	26 11	22 15	21 10	16 06		
Khanpur	22 12	23 07	23 04	21 06	20 09	28 02	25 09	23 12	28 25	24 26	24 15	25 16	23 12	24 19	00 01	26 05	22 15	22 15	22 21	23 23	20 17	07 05	22 11	22 19
Lahore	29 07	29 10	29 10	21 10	31 12	31 15	29 19	29 26	28 27	28 61	26 14	27 11	27 12	33 06	33 09	32 10	29 08	29 14	28 15	28 13	28 08	32 12	31 15	30 15
Multan	21 05	20 08	10 88	19 02	22 02	06 07	02 13	27 16	—	—	23 56	32 15	20 11	17 07	14 05	01 15	28 30	25 14	25 09	21 07	14 04	06 07	19 07	32 18
Peshawar	..	15 01	14 01	29 04	29 09	31 07	29 11	29 14	28 20	28 27	—	01 06	03 06	17 03	25 06	20 03	—	16 02	01 06	34 07	33 04	33 02	32 05	19 09
Quetta					29 09	16 10	21 03	25 18	23 26	26 10	—		—		31 07	33 07	—	—			08 01	31 07	27 09	26 20
Bushire						—					—	—			—						—	—		—
Sharjah	...					—																		

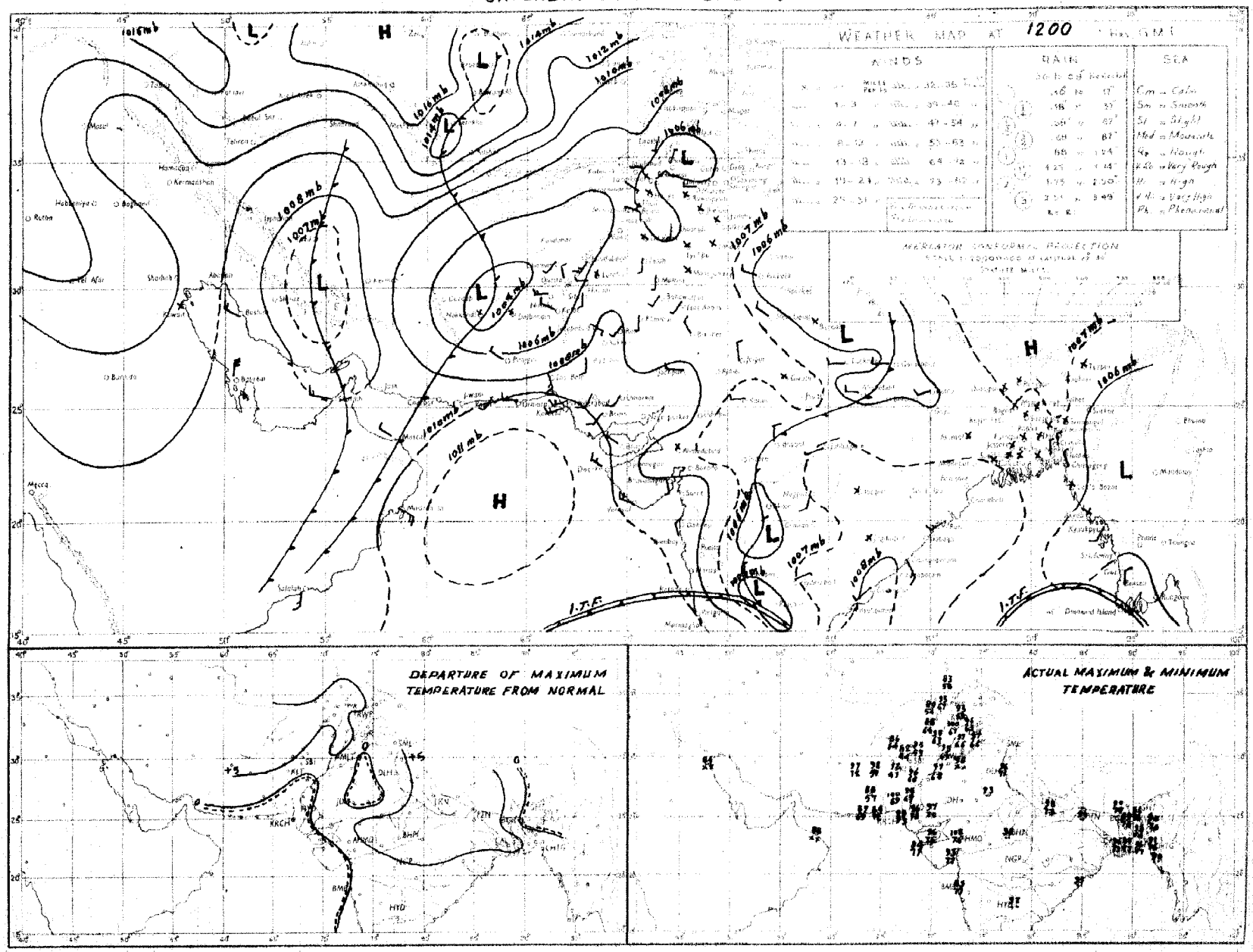
Cloud Observation Data (iiiGG Cddv, v_s)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 1.0, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

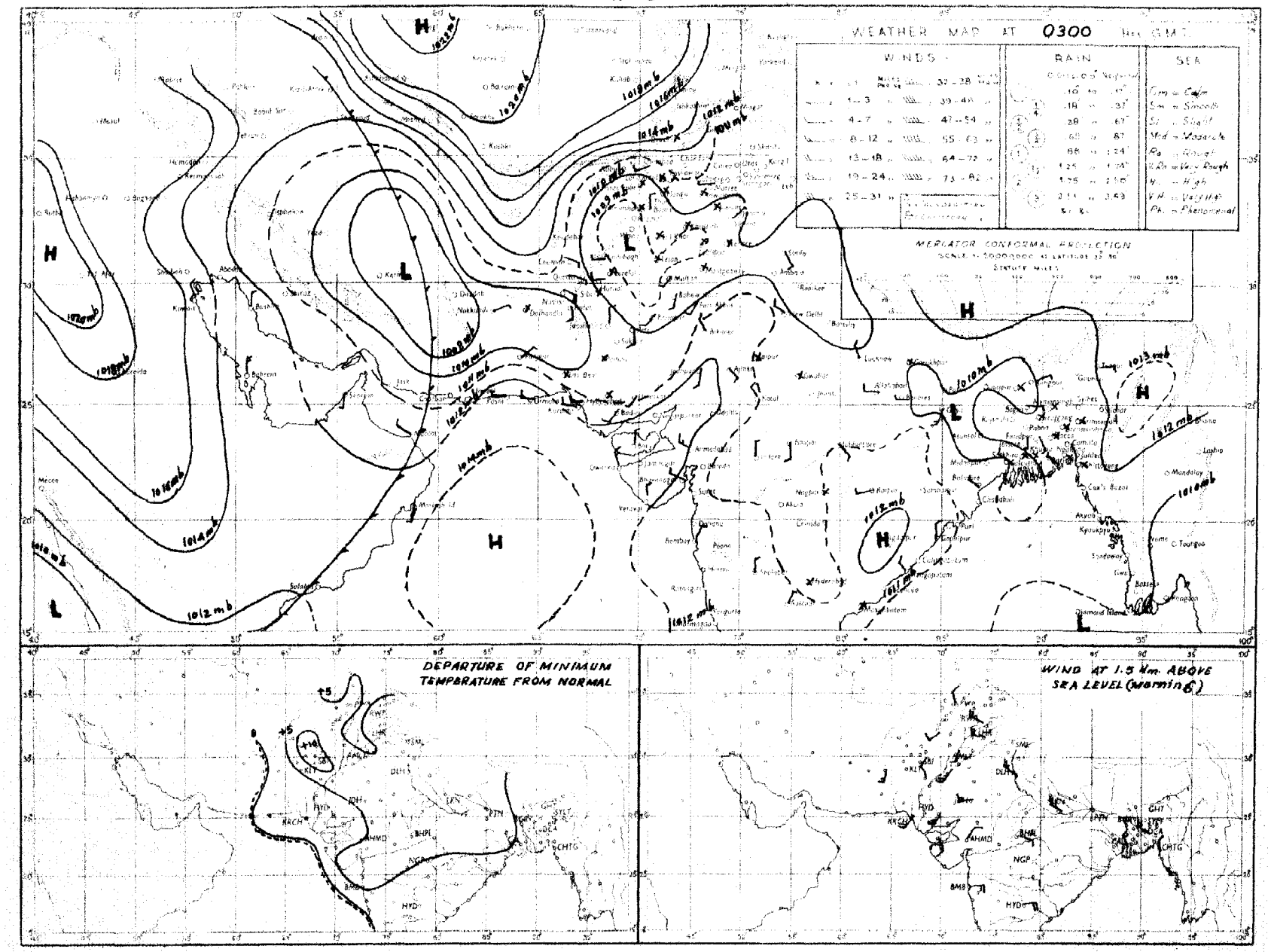
SATURDAY 20th OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SUNDAY 21st OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR MONDAY, THE 22ND OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low extends from the lower North-West Frontier Province to Iran across Baluchistan.
The trough of low in Andaman Sea persists.

Weather remained dry over the country.

Day temperatures were appreciably to markedly above normal in the north Punjab, north Baluchistan and the Deltaic sub-division of East Pakistan.

Forecast valid until the evening of 23rd :—Scattered thunderstorms will occur in the North-West Frontier Province otherwise weather will remain dry over the country.

Karachi-11.
The 22nd October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_tD_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_tD_HD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 78	1 00 00	96 01 1	072 85	0 0 9 0 1	8 0 × 90	000 78	3 00 00	97 01 1	111 84	0 0 9 0 1	8 0 × 75	+ 3	+ 2	111.8	- 2 4	121.5	140
	Chittagong	000 76	2 29 05	96 02 1	063 84	2 6 7 7 0	0 × × 91	000 76	0 05 02	97 00 1	110 84	0 0 9 0 0	- - - 75	+ 4	+ 2	104 5	+ 22 3	134.2	168
	Noakhali	000 74	0 36 02	95 00 0	×× 87	0 0 9 0 0	- - 89	000 75	0 00 00	95 00 4	×-× 83	0 0 9 0 0	- - - 76	+ 3	+ 2	—			116
	Comilla	000 79	0 00 00	98 00 0	063 85	0 0 9 0 0	- - 86	000 79	0 00 00	98 00 0	113 84	0 0 9 0 0	- - 75	2	+ 2	121 5	+55 3	128 9	94
	Brahmanbaria	000 78	0 00 00	97 00 1	066 88	0 0 9 0 0	- 91	000 76	2 29 02	97 03 1	113 87	3 6 5 0 0	- - 77	—	—	61 8	+ 8 5	71 7	73
	Dacca	×-× 77	0 00 00	96 01 2	060 83	0 0 9 0 0	7 × × 91	000 75	7 00 00	97 03 4	108 86	7 8 5 0 0	4 × × 75	-		—		—	—
	Narayanganj	000 75	0 00 09	×× 03 1	065 87	0 0 9 0 0	9 × × 92	000 ××	7 00 00	96 03 0	106 86	7 4 5	8 × × 79	+ 4	+ 4	69 7	+ 17 4	88 6	74
	Mymensingh	000 78	0 00 00	99 00 0	075 85	0 0 9 0 0	- 66	000 77	8 00 00	99 02 2	119 80	8 4 7 -	- - - 76	- 1	+ 2	51 8	- 16 4	59.9	91
	Srimangal	000 77	1 00 00	94 01 1	067 81	1 2 6 0 0	- - - 90	000 76	1 00 00	96 02 1	114 82	1 1 6 0 0	- - - 72	0	+ 2	77.5	+ 13 4	104 6	98
	Khulna	000 77	0 09 02	97 00 0	065 87	0 0 9 0 0	- - - 90	000 78	1 09 02	97 02 0	116 85	1 8 9 0 0	- - - 77	+ 3	+ 4	45 0	7 1	53 9	68
	Satkhira	000 92	0 00 00	98 00 0	062 92	0 0 9 0 0	- - - 94	000 74	0 23 02	98 00 0	114 84	0 0 9 0 0	- - - 73	+ 5	+ 1	34 8	15 1	43 5	55
	Jessore	000 69	0 27 02	97 00 0	078 86	0 0 9 0 0	- - - 95	000 77	0 00 00	97 00 0	108 83	0 0 9 0 0	- - 74			36 9	- 19 3	44 0	69
	Faridpur	000 78	1 00 00	95 05 0	068 87	1 4 7 0 0	- - - 89	000 74	0 00 00	95 05 0	112 85	0 0 9 0 0	- - - 76	+ 2	+ 2	49.0	- 1 7	55.4	71
	Barisal	000 78	1 00 00	97 01 1	062 87	0 0 9 3 8	- - - 91	000 77	0 18 02	97 00 1	108 89	0 0 9 0 0	- - - 79	+ 4	+ 5	62 6	+ 2 3	73 3	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 76	0 00 00	95 00 0	070 85	0 0 9 0 0	- - - 89	000 79	2 00 00	99 03 4	110 83	2 1 7 0 0	- - - 77	+ 2	+ 4	53.9	+ 4 9	63 9	64
	Bogra	000 79	1 00 00	96 01 1	067 85	1 1 8 0 0	- - - 91	000 78	2 05 02	96 01 1	110 84	2 2 6 0 0	- - - 76	+ 4	+ 3	37 4	17 4	44 2	69
	Dinajpur	000 77	0 03 00	×× 00 0	053 83	0 0 9 0 0	- - - 90	000 75	0 00 00	97 00 0	120 82	0 0 9 0 0	- - - 74	+ 3	+ 2	44 3	15.7	48 6	72
	Rangpur	000 ××	2 07 02	98 02 1	— —	2 1 8 0 0	- - - —	000 ××	0 09 02	98 00 1	— —	0 0 9 0 0	- - - ××		—	70 0	—	70 4	86
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg ††																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 83	0 16 02	96 00 0	050 92	0 0 9 0 0	- - - 96	000 59	0 28 12	93 06 4	098 75	0 0 9 0 0	1 × × 66	+ 3	+ 4	5.9	3 3	10 2	17
	Lahore	000 69	0 00 00	96 00 0	067 91	0 0 9 0 0	- - - 99	000 59	0 13 02	95 05 0	102 76	0 0 9 0 0	- - 64	+ 5	+ 6	10 6	4 0	14 7	19
	Sialkot	000 57	0 00 00	97 00 0	065 9[illegible]	0 0 9 0 0	- - - 97	000 56	0 05 02	97 00 0	119 77	0 0 9 0 0	- - 60	+ 5	- 8	18 8	9 9	18.7	22
	Jhelum	000 61	0 00 00	97 00 0	061 93	0 0 9 0 0	- - - 97	000 59	0 00 00	95 05 0	112 74	0 0 9 0 0	- - - 64	—	—	16 5	—	25 8	—
	Rawalpindi	000 55	0 00 00	99 00 0	056 86	0 0 9 0 0	- - - 95	000 51	0 00 09	93 00 0	120 71	0 0 9 0 0	- - - 62	+ 6	+ 6	14 9	9.1	25 7	36
	Murree †	000 33	0 00 00	98 00 0	277 65	0 0 9 0 0	- - - 72	000 33	0 29 03	98 00 0	294 60	0 0 9 0 0	- - - 54	+ 7	+ 5	22.5	14 4	44 1	59
	Attock	××× ××	0 03 00	98 00 0	—	0 0 9 0 0	- - —	××× ××	0 13 05	98 00 0	— —	0 0 9 0 0	- - - ××	—		—		—	—
	Khushab	000 64	0 16 05	98 00	069 96	0 0 9 0 0	- - - 99	000 60	0 07 05	98 00 0	104 75	0 0 9 0 0	- - - 67	+ 5	+ 5	3 1	- 7 3	8.0	15
	Montgomery	000 67	0 00 00	98 00 0	065 91	0 0 9 0 0	- - - 98	000 57	0 23 02	96 00 0	102 76	0 0 9 0 0	- - 66	+ 2	+ 3	2 5	- 5 0	6 1	10
	Leiah	000 91	0 23 02	97 00 0	061 99	0 0 9 0 0	- - - 00	000 67	0 00 00	97 00 0	076 73	0 0 9 0 0	- - 64			0.9	—	6 9	8
	Multan	000 60	0 18 02	97 00 0	064 95	0 0 9 0 0	- - - 98	000 58	0 18 02	96 00 0	107 76	0 0 9 0 0	- - - 67	+ 4	+ 5	3.8	- 1 2	6 9	7
	Khanpur	000 66	0 18 05	95 05 0	062 96	0 0 9 0 0	- - - 97	000 60	0 25 02	95 05 0	108 74	0 0 9 0 0	- - 69	+ 2	+10	0.3	4 5	1.9	5
	Bahawalpur	000 68	0 23 02	97 00 0	063 95	0 0 9 0 0	- - - 99	000 65	0 20 05	97 00 0	102 76	0 0 9 0 0	- - 67	+ 5	+ 6	1 9	2 3	6 0	6
	Fort Abbas	000 86	0 28 02	96 00 0	065 97	0 0 9 0 0	0 × × 99	000 73	0 28 02	96 00 0	112 76	0 0 9 0 0	0 × × 68		—	2.8		3.7	5
N. W. F. P.	Drosh *	000 26	0 23 07	99 00 0	950 83	0 0 9 0 0	- - - 87	000 25	0 00 00	99 00 0	931 65	0 0 9 0 0	- - - 59	+11	+ 7	1 8	—	22 0	19
	Chakdara	000 54	0 18 02	99 00 0	050 85	0 0 9 0 0	- - - 92	000 46	0 00 00	98 00 0	129 65	0 0 9 0 0	- - - 56		—	6.5	—	18 8	—
	Cherat *	000 50	0 16 05	97 00 0	979 78	0 0 9 0 0	- - - 83	000 50	0 29 02	97 00 0	008 66	0 0 9 0 0	- - - 65	+ 7	+ 8	6.7	- 6 7	28 8	29
	Peshawar	000 55	0 05 02	96 00 1	062 87	0 0 9 0 0	- - - 91	000 53	0 00 00	96 00 0	110 69	0 0 9 0 0	- - - 64	+ 4	+ 4	1.8	- 2 9	9 1	14
	Parachinar	000 31	1 13 02	99 01 1	974 75	0 0 9 0 0	4 × 7 31	000 28	0 00 00	99 00 1	995 66	0 0 9 0 0	9 × × 55	+ 7	+ 7	10 5		28 0	20
	Miranshah	000 40	0 07 03	98 07 4	963 87	0 0 9 0 0	- - 87	000 40	0 09 09	99 00 0	947 71	0 0 9 0 0	- - 64	—		3.6	- 1 2	10 5	18
	Bannu	000 54	0 13 02	99 90 0	055 91	0 0 9 0 0	- - - 95	000 52	0 27 03	99 00 0	108 72	0 0 9 0 0	- - 67	—	—	0.9		5.8	11
	D. I. Khan	000 66	0 00 00	96 00 0	058 96	0 0 9 0 0	- - - 96	000 51	0 00 00	96 00 0	109 64	0 0 9 0 0	- - - 62	+ 3	+ 1	1 1	4.4	2.3	9
	Wana																		13
	Landikotal	000 55	0 13 8	98 00 0	980 81	0 0 9 0 0	- - - 87	000 47	0 00 00	98 80 0	990 65	0 0 9 0 0	- - - 57		—	2 4	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —							--					—
	Thall																		—
BALUCHISTAN	Fort Sandeman	000 38	0 27 05	95 05 0	970 89	0 0 9 0 0	- - - 88	000 28	0 00 00	95 05 0	033 63	0 0 9 0 0	- - - 59	+ 6	+10	4.1	- 1.0	10 0	11
	Hindubagh	000 31	0 18 05	98 00 0	965 80	0 0 9 0 0	- - - 84	000 30	0 00 00	97 05 0	999 60	0 0 9 0 0	- - - 47			0.2	—	8.5	—
	Loralai	000 25	0 00 00	96 00 0	951 79	0 0 9 0 0	- - - 85	000 40	0 27 09	96 00 0	004 61	0 0 9 0 0	- - - 51	—	—	1.7	—	8 1	—
	Harnai	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 27 02	96 00 0	—	0 0 9 0 0	- - - ××			2.0	- 5.6	10.6	14
	Sibi	000 54	0 23 05	99 00 0	054 92	0 0 9 0 0	- - 99	000 49	0 00 00	98 00 0	108 74	0 0 9 0 0	- - - 57	—		2.2	—	3.8	5
	Quetta †	000 43	0 34 03	98 00 0	967 79	0 0 9 0 0	- - - 82	000 40	0 16 03	98 00 0	990 62	0 0 9 0 0	- - - 45	—		0.3	- 2 3	9 3	9
	Chaman	000 55	0 23 08	97 00 0	958 84	0 0 9 0 0	- - - 86	000 48	0 13 03	97 00 0	001 74	0 0 9 0 0	- - - 61	+ 7	+ 9	0	- 0 3	9.6	2
	Nushki	000 54	0 22 07	97 00 0	028 90	0 0 9 0 0	- - - 92	000 44	0 07 07	98 00 0	148 77	0 0 9 0 0	- - - 71		—	0	—	5 5	
	Dalbandin *	000 46	0 28 03	96 00 0	963 91	0 0 9 0 0	- - - 94	000 45	0 00 00	96 00 0	991 60	0 0 9 0 0	- - - 60	+ 7	+11	0	- 0 3	1 9	4
	Nokkundi	000 72	0 16 02	99 00 0	022 94	0 0 9 0 0	- - - 96	000 44	0 02 02	99 00 0	096 74	0 0 9 0 0	- - - 70	—		0	—	0.9	2
	Kalat †	000 58	0 36 05	96 00 0	979 76	0 0 9 0 0	- - - 78	000 42	0 19 05	98 00 0	005 52	0 0 9 0 0	- - - 47	+ 4	+ 8	0.8	0 5	4.7	7
	Turbat																		—
	Panjgur *	000 52	0 31 02	97 00 0	969 87	0 0 9 0 0	- - - 88	000 54	0 05 02	97 00 0	001 61	0 0 9 0 0	- - - 57	+ 2	+ 8	0	—	3.2	5
	Las Bela	000 68	0 16 02	99 00 0	067 95	0 0 9 0 0	- - - 88	000 73	0 00 00	99 00 0	125 70	0 0 9 0 0	- - - 69	—	—	1 6	—	1 7	8
	Ormara	000 73	0 27 05	96 00 0	090 83	0 0 9 0 0	- - 84	000 65	0 27 05	96 00 0	125 76	0 0 9 0 0	- - - 76	—	—	0 3	- 0 5	2 1	8
	Pasni	000 60	0 23 09	98 00 0	094 83	0 0 9 0 0	- - - 87	000 68	0 27 05	96 00 0	134 74	0 0 9 0 0	- - 68	5	+ 1	9.8	0 7	5.0	6
	Jiwani																		4
SIND	Reti	000 54	0 27 05	96 00 0	064 97	0 0 9 0 0	- - - 99	000 57	0 18 02	96 00 0	100 74	0 0 9 0 0	- - - 68	—		1.7	—	2.2	—
	Jacobabad	000 66	0 18 03	97 00 0	065 98	0 0 9 0 0	- - - 98	000 57	0 05 03	97 00 0	104 72	0 0 9 0 0	- - - 68	+ 1	+ 4	0.2	2.0	0.7	4
	Sukkur	000 61	0 ×× ××	98 00 0	063 93	0 0 9 0 0	- - - 99	000 51	0 ×× ××	96 00 0	099 73	0 0 9 0 0	- - - 72			0.5	—	1 0	4
	Pad Idan	000 65	0 00 00	98 00 0	067 97	0 0 9 0 0	- - - 99	000 65	0 00 00	98 00 0	101 71	0 0 9 0 0	- - - 66	—	—	0.8	—	0.9	
	Karachi (Manora)	000 78	0 25 09	98 00 0	096 82	0 0 9 0 0	- - - 96	000 78	4 27 09	98 01 1	124 79	4 6 4 0 0	- - - 77	- 2	+ 4	1 5	- 4 5	1 6	8
	Karachi (A. P.)	000 69	1 25 10	97 03 0	091 83	1 6 6 0 0	- - - 92	000 72	1 29 07	98 01 1	125 77	1 6 4 0 0	- - - 78			2.9		2.0	
	Badin	000 83	0 28 05	97 00 0	087 94	0 0 9 0 0	- - - 99	000 71	0 27 06	97 00 0	130 76	0 0 9 0 0	- - - 77	+ 4	+ 9	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 73	0 23 05	97 00 0	072 95	0 0 9 0 0	- - - 01	000 71	0 23 03	97 00 0	114 76	0 0 9 0 0	- - - 70	—	—	2 3	—	2 3	
	Hyderabad	000 65	0 23 05	97 00 0	080 95	0 0 9 0 0	- - - 99	000 71	0 23 05	96 00 0	109 75	0 0 9 0 0	- - - 72	+ 1	+ 2	1.8	- 4 2	2.0	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 33	4 02 02	98 02 1	003 76	0 0 9 0 8	- - - 80	000 33	2 29 10	98 01 0	021 50	0 0 9 0 2	- - - 44	—	—	0.7	—	10.5	12
	Jalalabad	000 65	1 09 02	97 01 0	993 89	0 0 9 0 1	0 9 × 93	000 09	0 00 00	97 03 1	000 69	0 0 9 0 0	9 × 9 61	—	—	0.5	—	5 9	—
	Kandahar							000 54	0 00 00	97 00 0	970 56	0 0 9 0 0	- - - 47		--	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 22ND OCTOBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_hhC_MC_H$	$W_1D_SD_MT_xT_n$	At 0300 Hrs. G. M. T. of date RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_hhC_MC_H$	$W_1D_SD_MT_xT_n$	Departure from Normal T_x T_n	T_x T_n	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Baluchistan	Charba:																	-	4
	Jaci																		5
	Masnec																		14
	Bushire																		11
Arabia	Musca:	000 79	3 86 02	97 00 0	093 86	0 0 9 5 0	- - - 87	000 76	0 81 02	96 00 0	135 85	0 0 9 0 0	- - - xx	- 3	—	0	0.2	3.3	4
	Sharjae	—																—	4
	Kuwait	000 xx	0 81 09	97 00 0	121 83	0 0 9 0 0	- x - 83	000 xx	0 27 02	97 00 0	159 74	0 0 9 0 0	- - - 84	-	—	0	—	1.5	1

* Barometer readings reduced to 1 geodynamic Kilometre 2,350-2,350 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,599-6,718 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049,-10, 080 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Po[illegible]

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

[illegible]

Wireless Reports from Ships

SHIP	YQ $L_aL_aL_a$	$L_oL_oL_oGG$	N dd ff	VV ww W	PPP TT	$N_hC_hhC_MC_H$	D_sv_sapp	8 $N_sCh_sh_s$	[illegible] $T_wT_dT_dT_d$	$1d_wd_wP_wH_w$
1	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jersey City	13 113	749 06	2 12 02	98 01 1	093 89	11 4 40	4 4 300	—	+ 04 76	1 10 2*
Jalaganga	13 193	715 16	0 27 09	98 00 0	110 83	00 0 00	7 5 000	—	8 00 76	1 28 22
Alavi	13 185	713 18	2 29 05	99 02 1	094 84	28 7 00	6 8 300	—	9 00 33	1 29 22
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoXrXa			PrPrhrhrhr		TrTrTdrTdrTxr etc.				5555	hrhrPrPrP		TrTrTdrTdrTxr etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	007 26	225 60	000 28	262 15	854 94	200 43	700 32	985 67	509 25	549 97	401 72	617 00	556 85	339 00	221 09	665 00	160 17	096 88	675 59	226 51	096 23	456 00	636 09	494 00

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet ↔										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ↔						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet ↔							
	1	2	3	4	5	6	8	10	12	14	1	2	3	4	5	6	1	2	3	4	5	6	8	10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	35 04	32 02	30 02	28 05	33 03	32 07	—	—	—	—	34 01	30 05	30 06	01 03	—	—	34 04	31 06	32 04	07 06	06 04	09 03	—	—
Dhor	24 10	23 11	23 10	22 17	21 27	22 13	18 11	20 23	22 31	23 27	—	—	—	—	—	—	23 13	24 20	22 24	20 32	20 30	19 29	—	—
Chittagong	36 05	36 09	35 08	35 10	26 05	25 52	—	—	—	—	01 07	01 08	36 03	30 05	30 08	—	03 04	01 05	34 05	32 05	32 09	30 10	28 09	—
Cox's Bazar	35 14	01 10	01 09	30 06	32 03	28 05	28 03	35 07	32 15	30 18	35 09	34 06	34 07	28 03	19 01	—	30 11	35 09	35 13	35 03	23 03	28 04	26 03	15 10
Dacca	36 04	34 05	32 07	32 08	32 13	29 15	27 16	—	—	—	19 03	31 05	29 05	32 16	32 09	—	30 03	33 04	31 06	35 08	36 03	10 03	03 06	30 14
Balhandir	—	—	24 03	20 70	21 07	24 10	25 12	23 14	25 26	25 23	—	—	17 07	19 10	19 12	24 09	—			03 03	31 19	22 10	28 17	26 25
Drosh	—	—	—	—	02 04	01 03	15 66	21 13	24 25	—	—	—	—	28 21	22 22	19 15	—	—				03 03	03 03	10 04	26 15
Fort Sandeman	—		—	23 02	27 03	29 06	25 05	27 18						21 05	17 05	26 16				31 31	22 07	27 09	12 07	—
Sacobabad	27 01	27 02	23 04	26 03	37 03	32 01	25 15	24 15	23 21	24 28	19 11	16 08	15 06	28 04	29 02	23 13	22 23	31 03	03 01	31 01	02 03	25 03	29 12	
Sheikum	14 01	19 03	24 04	29 09	38 09	32 09	37 11	24 13	26 26	35 36	11 05	31 04	24 04	31 00	28 05	29 07	22 02	12 04	03 04	35 06	31 09	33 13	24 03	26 13
Siwani	—																							—
Karachi	26 11	27 11	33 11	23 10	22 19	26 14	19 16	23 20	24 21	23 28	27 17	27 15	26 14	26 14	29 18	36 09	26 22	28 23	30 23	30 11	02 08	30 11	30 11	27 10
Khanpur	23 13	28 13	23 16	13 15	28 07	17 07	26 14	24 10	—	—	24 15	23 20	23 25	24 21	23 08	16 05	23 25	23 31	23 30	34 13	33 04	03 07	28 11	28 09
Lahore	30 03	23 04	24 07	17 06	30 13	32 14	27 03	24 11	—	—	22 04	27 03	23 10	21 03	30 03	33 07	15 03	23 04	29 04	27 05	24 07	34 15	22 07	29 09
Multan	21 33	20 07	19 36	17 04	14 04	12 10	24 10	24 17	26 22	—	23 12	23 13	24 10	13 15	06 15	03 19	22 25	23 10	26 03	13 04	10 13	03 10	37 06	29 09
Peshawar	..	09 03	06 03	35 01	27 04	19 04	25 13	24 17	26 24	25 29	—	34 06	25 04	19 04	12 04	24 09	.	34 06	34 07	33 02	01 01	13 11	25 05	23 19
Quetta					29 10	30 06	17 09	22 04	—	—	—	—	—	—	20 01	23 03	—	—			24 06	31 05	18 22	—
Bushire						—			—	—	—	—	—		—						—	—		—
Bhamo						—																—		

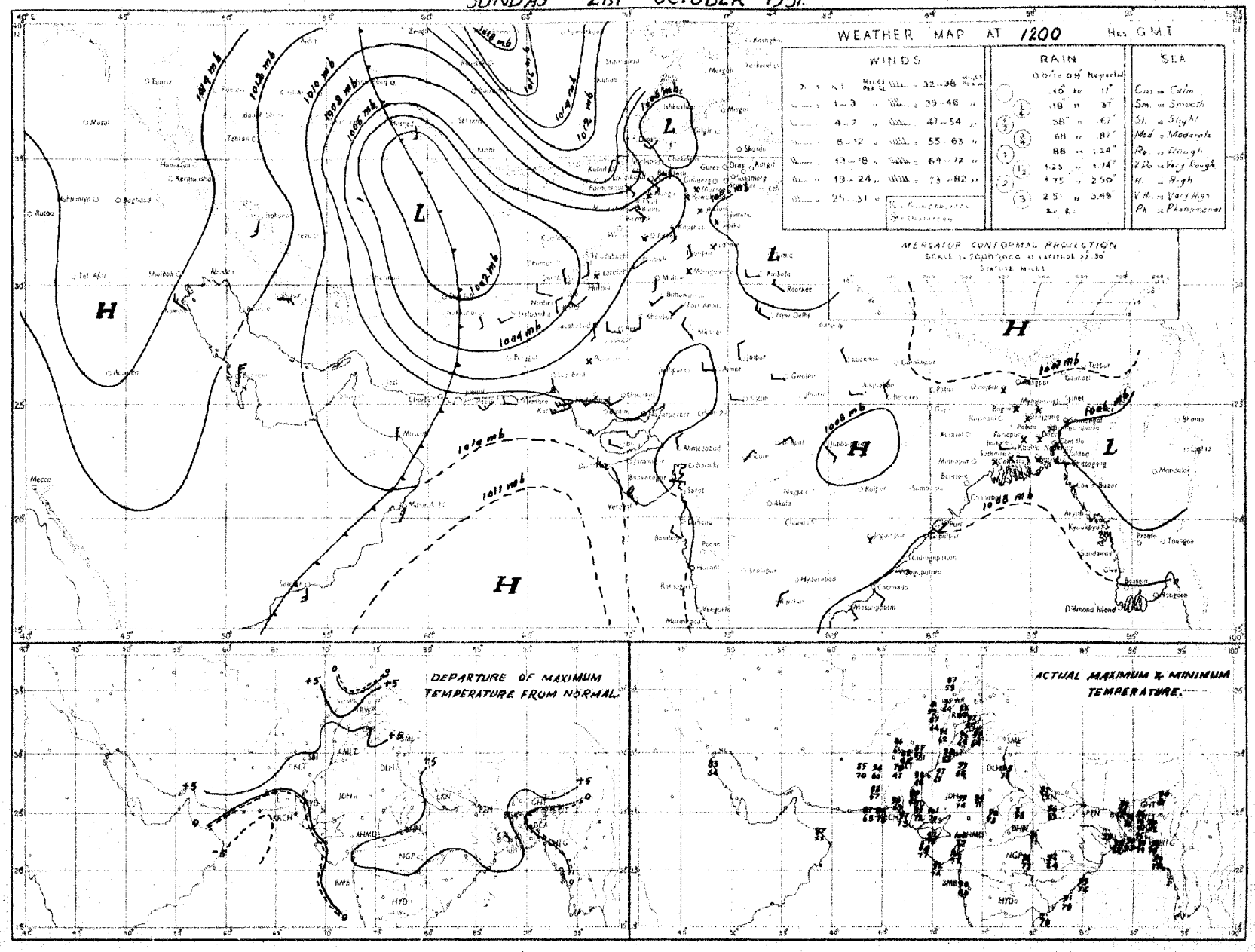
Cloud Observation Data (iiiGG Cddv, v,)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are G.E. G.G. G.S. 1.0, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

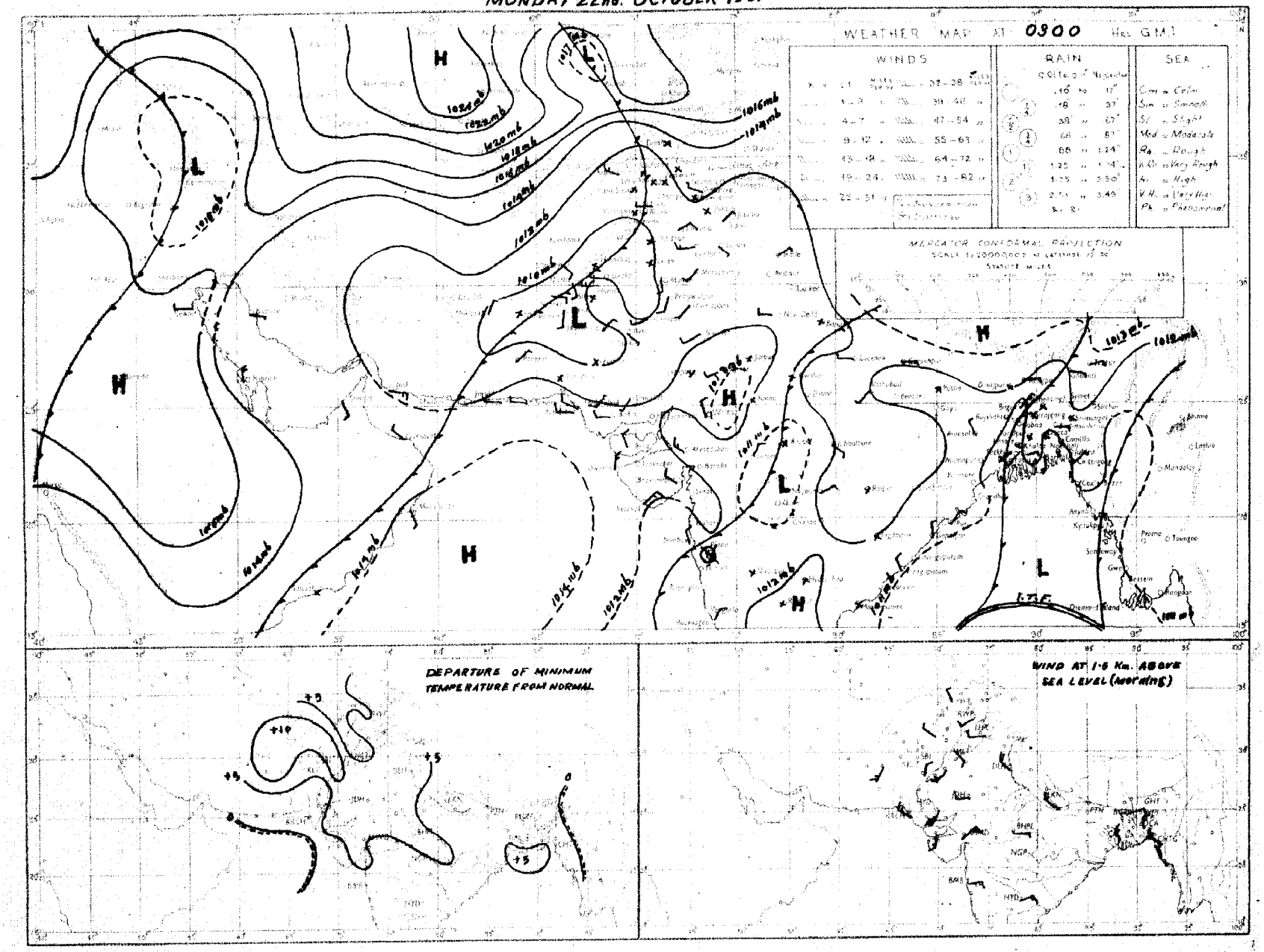
SUNDAY 21st OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 22nd. OCTOBER 1951



Rainfall amounts indicated on the above chart refer to past 24 hours

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR TUESDAY, THE 23RD OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The trough of low in Andaman sea persists. Another trough of low extends from the lower North-West Frontier Province to East Persian gulf across Baluchistan.

A western disturbance is affecting north Iraq and moving northeastwards.

Weather remained dry over the country.

Day temperatures were appreciably to markedly above normal over west Pakistan outside lower Sind and south Baluchistan.

Forecast valid until the evening of 24th :—Scattered thunderstorms will occur in the upper North-West Frontier Province otherwise weather will remain dry over the country.

Karachi-11.
The 23rd October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_h$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_h$T$_p$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 78	0 00 00	96 00 1	069 79	0 0 9 0 0	- - - 89	000 73	0 00 00	96 00 0	090 74	0 0 9 0 0	- - - xx	+ 2	×	111 8	- 2 6	121.5	140
	Chittagong	000 72	0 02 02	96 00 1	064 84	0 0 9 0 0	- - - 91	000 74	0 05 02	97 00 1	097 84	0 0 9 0 0	- - - 74	+ 4	+ 1	104 5	+ 23 1	134 2	108
	Noakhali	000 75	0 00 00	96 00 0	xxx 87	0 0 9 0 0	- - - 89	000 76	0 00 00	95 00 4	xxx 85	0 0 9 0 0	- - - 76	+ 3	+ 2	—			115
	Comilla	000 79	0 36 02	95 00 0	064 82	0 0 9 0 0	- - - 87	000 78	0 18 02	98 00 0	099 83	0 0 9 0 0	- - - 80	- 1	+ 7	121 5	+53 1	128 9	94
	Brahmanbaria	000 76	0 00 00	97 00 1	066 86	0 0 9 0 0	- - - 89	000 74	2 00 00	97 03 1	101 86	2 5 5 0 0	- - - 77	—	—	61 8	+ 8 2	71 7	78
	Dacca	xxx 79	5 00 00	95 03 2	061 79	5 8 5 0 0	6 × × 85	xxx 77	1 18 01	98 01 2	094 86	1 2 5 1 0	3 × × 75	—		—			—
	Narayanganj	000 76	1 00 00	96 01 2	064 85	1 5 5 0 0	- - - 95	000 76	5 00 00	94 03 0	091 88	5 4 5 0 0	- - - 78	+ 5	+ 3	69 7	+17 2	88 6	74
	Mymensingh	000 78	0 00 00	99 00 2	076 84	0 0 9 0 0	- - - 86	000 79	0 00 00	99 00 0	106 83	0 0 9 0 0	- - - 76	- 1	+ 2	61 8	- 16 6	59.9	91
	Srimangal	000 75	0 00 00	96 03 1	065 81	0 0 9 8 0	- - - 90	000 74	0 00 00	96 00 0	103 83	0 0 9 0 0	- - - 68	0	- 1	77.5	+18 1	104 6	98
	Khulna	000 74	0 00 00	98 00 0	069 87	0 0 9 0 0	- - - 92	000 75	0 00 00	97 00 0	092 85	0 0 9 0 0	- - - 77	+ 5	+ 4	45 0	7 2	53 9	68
	Satkhira	000 87	5 00 00	97 03 0	071 88	2 4 7 5 0	- - - 93	000 72	0 23 03	98 00 1	096 84	0 0 9 0 0	- - - 75	+ 4	+ 3	34 8	15 5	43 5	85
	Jessore	000 73	0 00 00	97 00 0	066 85	0 0 9 0 0	- - - 92	000 77	0 00 00	97 00 1	094 88	0 0 9 0 0	- - - 73			36 9	13 5	44 0	85
	Faridpur	000 76	2 34 02	95 06 0	063 81	2 4 7 0 0	- - - 87	000 77	1 16 02	95 05 0	097 80	1 4 7 0 0	- - - 76	0	+ 2	49 0	- 1 8	55 4	71
	Barisal	000 77	6 00 00	97 03 1	063 87	5 6 6 2 0	- - - 92	000 74	0 05 02	97 00 1	096 87	0 0 9 0 0	- - - 77	+ 5	+ 3	62 6	+ 2 0	73 3	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 78	0 xx xx	98 00 0	060 85	0 0 9 0 0	- - - 89	000 78	1 00 00	99 02 1	099 84	1 1 7 0 0	- - - 76	+ 2	+ 3	53 9	+ 4 8	63 9	64
	Bogra	000 77	0 00 00	96 00 1	064 85	0 0 9 0 8	- - - 91	000 77	8 00 02	95 01 1	095 86	2 1 8 0 1	- × - 76	+ 4	+ 3	37 4	17 5	44 2	69
	Dinajpur	000 74	0 00 00	98 00 0	079 85	0 0 9 0 0	- - - 91	000 74	0 00 00	97 00 0	108 86	0 0 9 0 0	- - - 72	+ 4	0	44 3	15 8	48 6	72
	Rangpur	000 xx	0 00 00	96 00 1	— —	0 0 9 0 0	- - - xx												86
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Mingar																		-
	Abbad																		-
PUNJAB	Lyallpur	000 51	0 16 02	96 00 0	071 92	0 0 9 0 0	- - - 95	000 63	0 00 00	92 11 4	092 69	0 0 9 0 0	- - - 64	+ 2	+ 3	5.9	3 3	10 2	13
	Lahore	000 63	0 00 00	96 00 0	080 96	0 0 9 0 0	- - - 97	000 56	0 00 00	95 05 0	095 72	0 0 9 0 0	- - - 63	+ 3	+ 5	10 6	4 0	14 7	19
	Sialkot	000 60	0 00 00	97 00 0	075 97	0 0 9 0 0	- - - 97	000 59	0 05 02	97 00 0	089 77	0 0 9 0 0	- - - 70	+ 5	- 9	12 8	9 9	18.7	32
	Jhelum	000 55	2 23 02	98 03 1	076 90	0 0 9 0 6	9 × 95	000 59	0 00 00	96 00 0	098 73	0 0 9 0 0	- - - 63	—	—	16 5	-	25 8	-
	Rawalpindi	000 62	0 00 00	98 00 0	074 90	0 0 9 0 0	- - - 95	000 53	2 00 00	96 01 1	104 69	0 0 9 0 2	- - - 61	+ 6	+ 5	14 9	9.1	25.7	36
	Murree †	000 44	4 26 03	98 01 1	088 64	0 0 9 0 8	4 × 4 71	000 32	2 29 05	98 01 1	082 60	0 0 9 0 4	9 1 × 55	+ 6	+ 6	22 5	14 5	44 1	59
	Attock	xxx xx	0 18 35	98 00 0	— —	0 0 9 0 0	—	xxx xx	0 13 05	96 00 0	— —	0 0 9 0 0	- - - xx	—		—	—	—	-
	Khushab	000 64	0 16 05	98 00 1	078 95	0 0 9 0 0	- - - 98	000 54	0 07 02	99 00 0	094 74	0 0 9 0 0	- - - 64	+ 4	+ 2	3 1	- 7.3	8.0	15
	Montgomery	000 66	0 00 00	98 00 0	084 95	0 0 9 0 0	- - - 96	000 60	0 20 01	96 00 0	090 71	0 0 9 0 0	- - - 64	0	+ 1	2 5	- 5 0	6.1	10
	Lyallpur	000 41	0 13 02	97 00 0	066 99	0 0 9 0 0	- - - 99	000 51	0 23 01	97 00 0	096 68	0 0 9 0 0	- - - 62			0.9	—	6 9	8
	Multan	000 55	0 15 02	97 00 0	079 95	0 0 9 0 0	- - - 99	000 48	0 18 05	96 00 0	090 76	0 0 9 0 0	- - - 68	+ 5	+ 6	3 8	- 1 2	9 9	7
	Khanpur	000 52	0 27 03	95 05 0	073 97	0 0 9 0 0	- - - 98	000 52	0 21 03	95 05 0	093 74	0 0 9 0 0	- - - 65	+ 5	+ 6	0.3	4 5	1 9	6
	Bahawalpur	000 73	0 23 03	97 00 0	076 95	0 0 9 0 0	- - - 92	000 55	0 20 03	97 00 0	092 85	0 0 9 0 0	- - - 64	+ 6	+ 3	1 9	2 4	5 0	6
	Fort Abbas	000 85	0 13 03	96 00 0	072 97	0 0 9 0 0	0 × × 00	000 65	0 23 02	96 00 0	090 75	0 0 9 0 0	- - - 67		—	2.8		3.7	3
N. W. F. P.	Drosh *	000 14	4 25 03	98 02 1	081 81	0 0 9 4 5	6 6 × 84	000 35	6 00 00	98 03 1	085 64	0 0 9 4 8	8 7 9 59	+ 8	+ 7	1 8	-	22 0	18
	Chakdara	000 65	0 27 03	99 00 0	085 85	0 0 9 0 0	- - - 91	000 49	0 36 01	98 00 0	119 65	0 0 9 0 0	- - - 56			6.5	—	18 8	
	Cherat *	000 49	0 16 07	97 00 0	086 76	0 0 9 0 0	- - - 84	000 35	0 34 16	97 00 0	091 76	0 0 9 0 0	- - - 64	+ 8	+ 7	6.7	5 7	28 6	29
	Peshawar	000 57	3 36 02	96 02 1	072 86	0 0 9 0 6	0 5 × 90	000 54	1 00 00	96 01 1	107 71	0 0 9 0 1	- - - 65	+ 3	+ 5	1 8	- 2 9	9 1	14
	Parachinar	000 86	3 00 02	99 01 1	074 74	0 0 9 3 6	4 7 7 79	000 44	4 00 00	99 01 1	086 62	0 0 9 3 0	6 × 9 65	+ 5	+ 7	10 5		28 0	29
	Miranshah	000 43	0 07 05	98 00 2	071 86	0 0 9 0 0	- - - 89	000 40	3 00 00	98 02 4	086 77	0 0 9 0 4	× 62	—		3.5	1 2	10 5	13
	Bannu	000 55	0 13 02	99 00 0	071 91	0 0 9 0 0	- - - 94	000 51	0 00 00	99 00 0	090 72	0 0 9 0 0	- - - 67	—	—	9.9		5.8	11
	D. I. Khan	000 62	0 00 00	96 00 0	070 96	0 0 9 0 0	- - - 95	000 61	0 00 00	96 00 0	099 65	0 0 9 0 0	- - - 61	+ 2	0	1 1	6.4	2.3	9
	Wana																		11
	Landikotal	000 55	2 13 03	98 02 1	076 80	0 0 9 7 0	- - - 85	000 45	2 00 00	99 02 1	088 67	0 0 9 4 0	- - - x 58	—	—	2 4	—	12 0	-
	Hangu	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	-
	Thull																		-
BALUCHISTAN	Fort Sandeman	000 29	0 27 05	96 05 0	071 85	0 0 9 0 0	- - - 88	000 25	0 00 00	96 05 0	028 66	0 0 9 0 0	- - - 59	+ 6	+10	4 1	- 1 0	10 0	11
	Hindubagh	000 27	1 31 07	98 01 1	078 80	1 1 8 0 0	7 × × 82	000 32	0 31 05	95 00 0	097 62	0 0 9 0 0	- - - 51		—	0.2	—	8 5	-
	Loralai	000 27	0 00 00	96 00 0	071 79	0 0 9 0 0	- - - 85	000 26	0 23 05	96 00 0	000 65	0 0 9 0 0	- - - 53	—		1 7	—	8 1	-
	Harnai (a)	000 xx	0 23 05	96 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 27 05	96 00 0	—	0 0 9 0 0	- - - xx	—		2.0	- 5.6	10.6	14
	Sibi	000 42	0 18 05	99 00 0	084 98	0 0 9 0 0	- - - 99	000 53	0 05 05	98 00 0	096 75	0 0 9 0 0	- - - 58	—		2.2	—	3.8	5
	Quetta †	000 42	0 34 05	98 00 0	081 79	0 0 9 0 0	- - - 81	000 43	0 00 01	98 00 0	088 58	0 0 9 0 0	- - - 45	—		0.8	- 0 3	9.8	9
	Chaman	000 57	0 23 07	97 00 0	074 83	0 0 9 0 0	- - - 86	000 51	0 16 02	97 00 0	004 67	0 0 9 0 0	- - - 63	+ 7	+11	0	- 0 3	9.6	8
	Nushki	000 52	0 29 09	97 00 0	064 90	0 0 9 0 0	- - - 93	000 47	0 09 05	96 00 0	057 77	0 0 9 0 0	- - - 73			0	—	5 5	-
	Dalbandin *	000 44	0 27 05	96 00 0	078 91	0 0 9 0 0	- - - 93	000 36	0 00 00	96 00 0	096 65	0 0 9 0 0	- - - 60	+ 6	+11	0	- 0 3	1 9	4
	Sokkundi	000 71	1 29 02	99 03 0	048 94	0 0 9 0 1	0 0 × 95	000 38	0 00 00	99 00 0	118 71	0 0 9 0 0	- - - 67	—	—	0	—	0.9	2
	Kalat †	000 54	0 36 05	98 00 0	081 75	0 0 9 0 0	- - - 78	000 42	0 18 05	98 00 0	005 52	0 0 9 0 0	- - - 48	+ 4	+ 9	0.8	0 5	4.7	7
	Turbat	000 81	0 24 02	95 00 1	087 95	0 0 9 0 0	- - - 97	000 76	0 24 02	95 00 1	086 76	0 0 9 0 0	- - × 74	—		0	—	1.4	-
	Panjgur *																		5
	Las Bela	000 74	0 16 06	99 00 0	079 93	0 0 9 0 0	- - - 99	000 74	0 00 00	99 00 0	115 77	0 0 9 0 0	- - - 69	—	—	1 6	—	1.7	5
	Ormara	000 63	0 27 09	97 00 0	099 8	0 0 9 0 0	- - - 85	000 67	0 27 15	95 00 0	117 76	0 0 9 0 0	- - - 77	—	—	0.3	- 0 5	3 1	8
	Pasni	000 78	0 33 09	98 00 0	106 83	0 0 9 0 0	- - - 88	000 72	0 27 03	96 00 0	123 73	0 0 9 0 0	- - - 70	4	+ 8	9.8	—	5.0	6
	Jiwani																		4
SIND	Keti	000 52	0 23 03	96 00 0	074 97	0 0 9 0 0	- - - 99	000 54	0 00 00	96 00 0	095 71	0 0 9 0 0	- - - 62	—		1.7	—	2.2	-
	Jacobabad	000 56	0 13 05	97 00 0	078 95	0 0 9 0 0	- - - 01	000 58	0 27 03	96 00 0	097 75	0 0 9 0 0	- - - 68	+ 4	+ 4	0 2	- 2 0	0.7	4
	Sukkur	000 61	0 xx xx	96 00 0	076 93	0 0 9 0 0	- - - 96	000 59	0 xx xx	96 00 0	094 74	0 0 9 0 0	- - - 68			0.5	—	1 0	4
	Padidan	000 57	0 00 00	98 00 0	076 93	0 0 9 0 0	- - - 98	000 59	0 00 00	98 00 0	094 74	0 0 9 0 0	- - - 70	—	—	0.8	—	0.9	
	Karachi (Manora)	000 76	2 25 13	98 01 1	103 82	2 5 4 0 0	- - - 85	000 74	2 29 09	98 01 1	115 77	6 4 0 0	- - - 75	- 2	+ 2	1 5	- 4 5	1 8	3
	Karachi (A. P.)	000 73	1 25 18	97 02 1	100 83	1 6 4 0 0	- - - 88	000 71	0 29 09	96 00 1	114 76	0 0 9 0 0	- - - 74			2 9	—	3.0	
	Badin	000 66	0 23 07	97 00 0	096 92	0 0 9 0 0	- - - 97	000 70	0 23 07	97 00 0	114 75	0 0 9 0 0	- - - 61	+ 2	- 7	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (Umerkot.)	000 68	0 23 09	97 00 0	080 94	0 0 9 0 0	- - - 89	000 74	0 23 09	97 00 0	097 76	0 0 9 0 0	- - - 70	—	—	2 3	—	2 3	
	Hyderabad	000 68	0 23 07	97 00 0	086 92	0 0 9 0 0	- - - 89	000 70	0 23 05	96 00 0	098 75	0 0 9 0 0	- - - 72	+ 1	+ 2	1.8	- 4 3	2.0	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 38	8 02 05	98 03 2	019 69	8 7 8 -	- - - 77	000 33	6 20 03	98 03 3	026 57	0 0 9 0 7	- × - 48	—	—	6.7	—	10.5	13
	Jalalabad							000 53	3 00 00	97 01 1	099 70	0 0 9 4 0	- - × 61		—	0.5	—	6 9	-
	Kandahar							000 50	1 00 00	97 01 1	070 75	0 0 9 0 7	- - - 51		—	0	—	10 8	-

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 23RD OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW PPPTT	$N_h C_L hC_M C_H$	$W_1D_SD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_xT_d	N dd ff	VVwwW PPP TT	$N_h C_L hC_M C_H$	$W_1D_SD_MT_nT_n$	Departure from Normal T_x T_x	T_n T_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Muscat	000 68	0 05 02	97 08 0	111 80	0 0 9 5 0	- - - 86	000 67	0 21 02	97 00 0	124 86	0 0 9 0 0	- - - xx	- 4	—	0	0 2	2.5	6
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	—	4
	Kuwait	000 xx	0 00 00	97 00 0	138 81	0 0 9 0 0	- x - 81	000 xx	0 00 00	97 00 0	146 77	0 0 9 0 0	- - - 66	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre 2,350-2,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (4,699-4,711 feet according to latitude..
†† Barometer readings reduced to 3 geodynamic Kilometre (10,040,-10, 060 feet according to latitude).
RRR at 0900 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0900 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_M C_H	D_s v_s app	8 N_s Ch_s h_s	O T_s T_s T_d T_d	I_{sw} d_w P_w H_w
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alavi	23 181	698 06	4 36 07	99 02 1	697 85	42 6 00	6 3 300	—	0 01 81	1 86 22
Masimpur	23 122	645 06	2 27 10	98 02 0	152 85	32 6 00	—	—	—	—
Jalaganga	23 208	703 06	0 30 09	96 00 0	130 82	00 9 00	7 3 000	—	0 51 76	1 33 22
Bharatratna	23 104	760 06	2 23 10	98 01 0	117 81	11 5 01	—	—	—	—
Silani	23 173	663 07	1 04 09	99 02 0	149 82	11 6 00	2 3 301	—	0 01 70	1 45 22
Alavi	23 174	673 18	0 36 09	98 00 0	132 83	00 9 00	6 3 001	—	0 00 80	1 36 22
Bharatrani	23 122	750 13	5 27 06	97 50 2	118 84	57 5 70	—	—	—	—
Jalaganga	23 219	691 18	0 30 12	98 00 0	128 78	00 9 00	7 3 302	—	0 00 75	0 29 22
Islami	23 175	664 12	2 04 10	99 02 0	125 81	21 6 00	2 4 006	—	0 01 74	1 45 22
Jalaganga	23 213	695 12	1 30 13	98 03 0	101 83	11 5 00	7 3 110	—	0 02 73	1 33 22
Masimpur	23 218	656 12	3 32 05	98 03 0	115 87	31 4 00	1 3 1xx	—	—	—
Bharatrani	23 114	765 12	5 23 06	97 03 1	089 86	42 5 01	—	—	—	—
Makalla	23 117	535 18	4 03 05	98 03 0	132 81	42 4 00	2 4 315	—	0 51 70	1 08 xx
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE:— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	008 27	222 60	000 81	262 25	854 97	210 26	700 37	105 76	509 28	559 94	301 87	329 97	555 65	339 00	221 06	673 00	185 01	455 00	029 97	605 66	000 90	494 00	699 94	813 50

PPP—Pressure in hundreds, tens and units of millibars, PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet ††										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ††						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet ††							
	1	2	4	6	8	10	12	14	16	18	1	2	4	6	8	10	1	2	4	6	8	10	12	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	29 04	31 04	34 09	05 05	05 05	09 19	—	—	—	—	18 02	13 01	35 08	29 06	36 04	26 05	13 04	15 02	15 09	07 05	13 03	06 12	23 03	28 17
Dhar	22 13	23 16	28 21	22 31	21 29	22 26	—	—	—	—	—	—	—	—	—	—	24 08	23 07	27 07	29 10	28 13	34 10	—	—
Chittagong	01 08	35 07	35 07	35 08	22 07	22 09	24 10	30 18	31 19	—	22 04	22 07	21 06	15 01	19 10	30 18	01 07	36 08	32 07	13 04	17 12	19 09	26 09	27 10
Cox's Bazar	36 08	01 11	01 09	35 04	19 05	23 04	—	—	—	—	34 05	31 04	36 02	15 02	02 02	—	—	—	—	—	—	—	—	—
Dacca	25 04	08 03	26 04	34 08	34 07	—	—	—	—	—	36 03	35 03	35 03	35 04	33 06	33 16	10 05	21 02	33 03	24 02	18 04	23 11	23 08	28 19
Balbandia	—	—	19 02	21 10	21 07	30 04	23 17	24 21	27 28	23 47	—	—	05 05	18 04	15 06	25 09	—	—	—	05 02	06 03	07 08	27 04	27 13	26 24
Drosi	—	—	—	—	—	—	—	—	—	—	—	—	—	24 05	02 03	07 04	19 02	—	—	—	—	05 05	01 13	03 09	27 16
Fort Sandeman	—	—	—	25 07	26 14	26 07	26 13	25 21	27 30	27 47	—	—	—	22 18	36 12	36 06	32 12	—	—	23 02	29 07	31 13	24 12	28 24
Sacrobabad	33 01	35 02	02 03	35 03	35 05	29 08	29 07	26 14	28 19	26 25	35 03	17 03	21 03	12 06	36 06	32 12	19 06	23 04	33 05	19 06	29 04	03 06	25 14	28 21
Jhelum	13 03	19 04	20 05	26 07	30 09	32 14	31 06	26 16	27 23	26 32	09 03	29 03	25 04	30 02	31 12	32 14	09 02	21 05	21 10	31 16	32 15	33 13	34 03	28 17
Siwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 09	27 18	32 15	32 14	32 08	30 09	26 16	29 07	29 11	29 17	26 20	18 19	27 11	28 08	29 07	29 15	29 19	33 17	27 10	27 08	30 07	30 10	17 03	27 08
Khanbur	22 12	20 13	22 13	18 04	25 05	27 11	25 09	29 10	—	—	23 15	23 16	22 11	23 07	05 08	03 15	21 10	33 07	24 04	36 13	35 15	08 14	30 15	28 21
Lahore	27 06	27 08	34 08	37 08	27 07	36 10	13 04	09 13	26 17	28 22	26 07	26 10	29 08	30 05	31 06	33 08	27 03	30 13	30 13	30 13	32 11	33 17	33 13	—
Multan	21 04	19 05	18 05	17 04	05 04	09 09	22 14	23 11	29 29	—	22 17	22 13	21 16	12 11	10 06	01 10	—	—	—	—	—	—	—	—
Peshawar	—	28 04	01 04	21 03	28 10	25 10	24 13	23 27	24 29	25 41	—	09 01	10 10	34 02	24 04	36 08	—	35 03	35 06	35 09	34 05	31 07	29 06	26 15
Quetta	—	—	—	—	27 08	26 09	25 13	25 17	26 24	26 43	—	—	—	—	28 04	23 04	—	—	—	—	26 01	29 06	26 20	26 32
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bhariar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

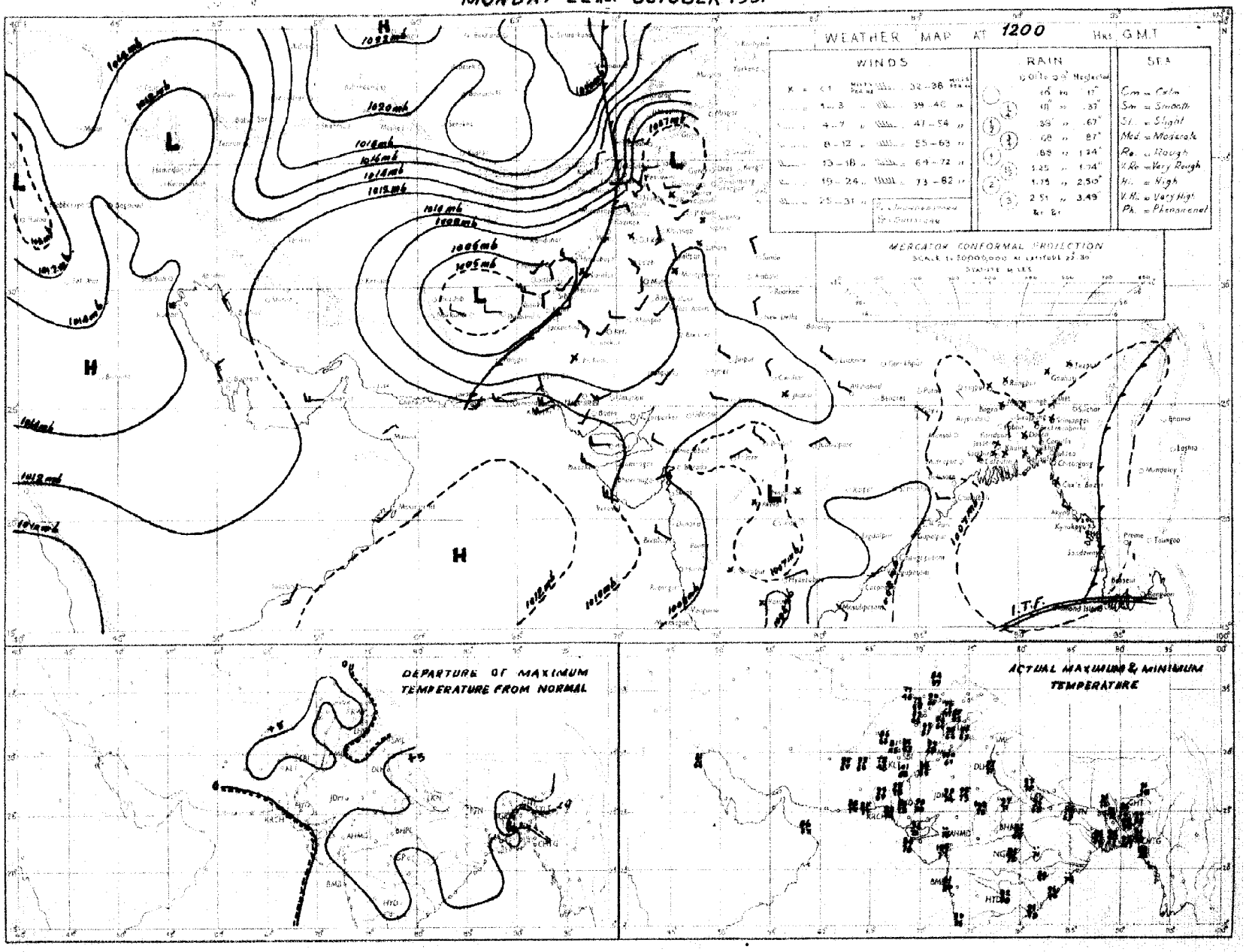
Cloud Observation Data (iiiGG Cddv, v,)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, and 8.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousand of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

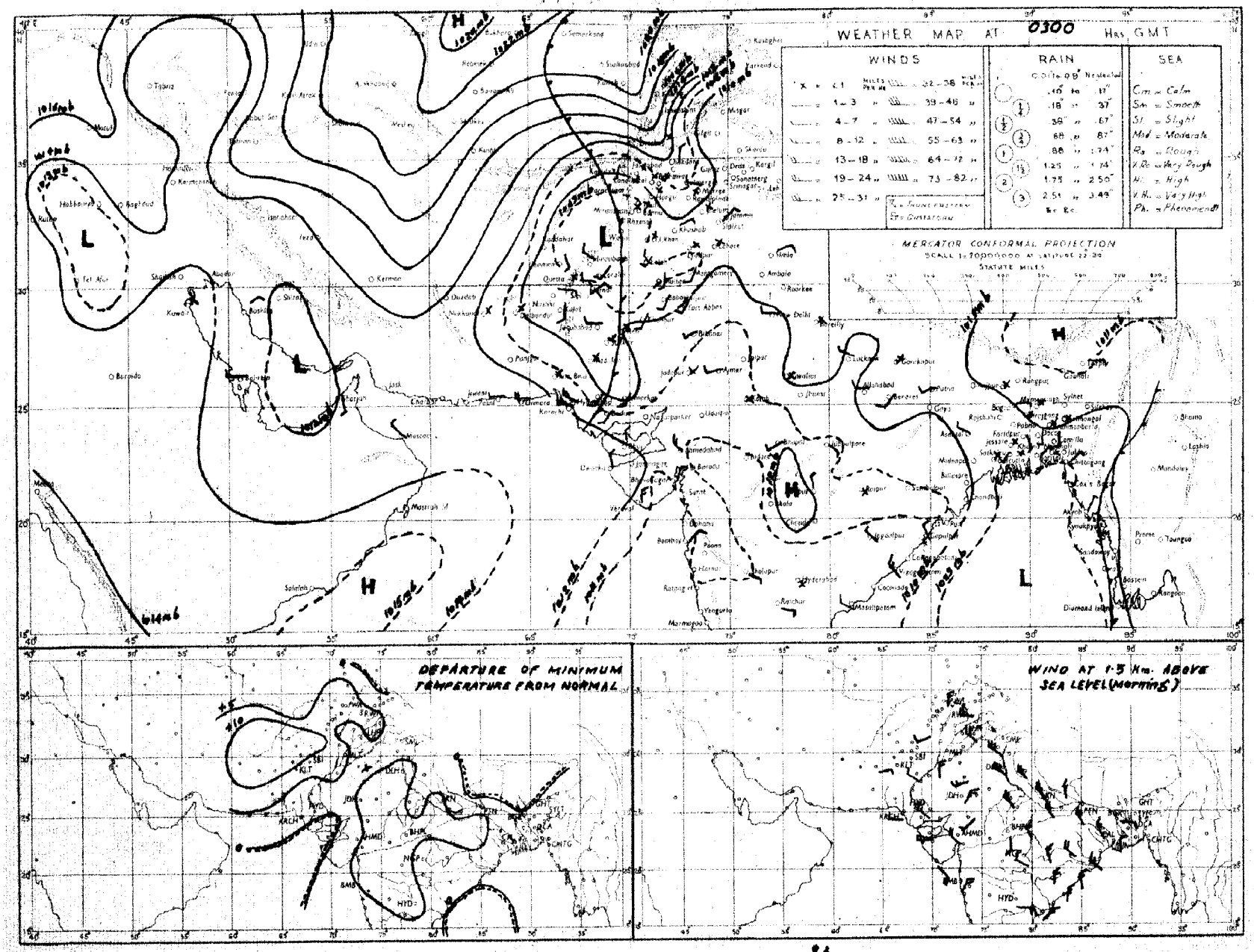
MONDAY 22nd OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 23rd. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR WEDNESDAY, THE 24TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance affecting north Iraq has moved away northeastwards.
A belt of low pressure extends from the south Punjab across Baluchistan to southwest Iran.
A trough of low lies in East Central Bay and adjoining north Andaman Sea.

Weather remained dry over the country.

Day temperatures were appreciably to markedly above normal over West Pakistan outside Sind-Mekran coast and in the Deltaic and Eastern sub-divisions of East Pakistan.

Forecast valid until the evening of 25th :—Scattered thunderstorms/showers will occur in the upper North-West Frontier Province, Kashmir, the adjoining north Punjab and in the Eastern sub-division of East Pakistan.

Karachi-11.
The 24th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$ C$_H$	W$_t$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 75	2 00 00	96 01	1062 84	2 2 6 0 0	- - - 90	000 77	1 00 00	97 01	1103 83	1 2 7 0 0	- - - xx	+ 8	x	111.8	- 2.9	121.5	140
	Chittagong	000 78	0 28 02	96 00	1061 88	0 0 9 0 0	- - - 91	000 74	0 00 00	96 02	1106 83	5 5 6 7 0	0 x 9 76	+ 4	+ 3	104.5	+ 21.8	134.2	108
	Noakhali	000 76	1 00 00	94 05	0 xx 86	3 2 5 0 0	- - - 91	000 78	0 00 00	97 00	4 xx 83	0 0 9 0 0	- - - 77	+ 5	+ 2	—	—	—	115
	Comilla	000 79	0 00 00	98 00	0 054 85	0 0 9 0 0	- - - 82	000 74	2 18 02	98 01	1 108 83	1 1 7 1 0	- - - 76	0	—	121.5	+52.9	128.9	94
	Brahmanbaria	000 77	0 00 00	97 00	1059 87	0 0 9 0 0	- - - 90	000 76	1 00 00	97 01	1 112 85	1 6 5 0 0	- - - 78	-	—	61.8	+ 8.3	71.7	72
	Dacca	xxx 86	1 00 00	96 01	1060 83	1 1 6 0 0	0 x x 91	xxx 68	0 00 00	97 00	0 103 86	0 0 9 0 0	- - - 74	—	—	—	—	—	—
	Narayanganj	000 75	2 00 00	xx 01	1062 87	0 0 6 7 0	x x 0 93	000 78	0 18 02	97 00	1 101 90	0 0 9 0 0	0 x x 78	+ 5	+ 3	69.7	+11.1	88.6	74
	Mymensingh	000 78	4 27 02	96 02	1055 84	4 1 6 0 0	- - - 86	000 78	0 00 00	99 00	0 116 84	0 0 9 0 0	- - - 76	- 1	+ 2	51.8	- 14.5	52.0	91
	Sylmangal	000 78	0 00 00	95 02	1056 81	0 0 9 0 0	- - - 90	000 78	2 00 00	96 02	1 109 83	1 2 6 3 0	- - - 70	0	0	77.5	+12.9	104.6	98
	Khulna	000 75	0 00 00	96 00	0 055 85	0 0 9 0 0	- - - 93	000 75	0 00 00	97 00	0 109 85	0 0 9 0 0	- - - 78	+ 6	+ 3	45.0	- 7.3	53.0	68
	Satkhira	000 79	2 00 00	97 01	0 054 86	1 5 7 5 0	- - x 92	000 79	2 18 02	97 01	1 108 86	2 5 7 0 0	- - - 77	+ 8	+ 6	34.9	- 15.3	43.5	85
	Jessore	000 76	2 00 00	95 02	1051 85	2 8 6 0 0	- - - 83	000 74	0 16 02	97 00	0 106 87	0 0 9 0 0	- - - 74	—	—	36.9	10.6	44.9	82
	Faridpur	000 75	2 00 00	95 05	0 058 85	2 4 7 0 0	- - - 86	000 73	0 00 00	96 00	0 110 88	0 0 9 0 0	- - - 75	1	+ 1	49.0	- 10.9	55.4	71
	Barisal	000 79	0 00 00	97 00	1054 87	0 0 9 0 0	- - - 91	000 74	0 00 00	98 00	0 106 86	0 0 9 0 0	- - - 76	+ 4	+ 2	62.6	+ 1.3	72.3	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 77	1 00 00	92 02	1050 84	1 4 5 0 0	- - - 89	000 77	2 09 02	99 02	1 100 83	2 1 7 0 0	- - - 76	+ 2	+ 3	58.9	+ 4.7	63.9	64
	Bogra	000 74	3 09 02	96 01	1056 81	3 1 7 0 0	- - - 90	000 75	1 09 03	98 01	1 111 83	1 1 7 0 0	- - - 74	+ 3	+ 1	37.4	17.5	44.2	69
	Dinajpur	000 74	0 00 00	xx 00	0 052 87	0 0 9 0 0	- - - 91	000 73	0 00 00	97 00	0 120 86	0 0 9 0 0	- - - 73	+ 4	+ 1	44.3	- 15.9	46.6	72
	Rangpur	000 xx	3 00 00	96 02	0 — —	3 1 8 0 0	- - - xx	000 xx	0 07 02	98 00	1 — —	0 0 9 0 0	- - - —	—	—	69.9	—	79.2	84
KASHMIR	Srinagar ¶																		—
	Gulmarg ¶¶																		—
	Sonamarg (at																		—
	Dras ¶																		—
	Leh ¶¶																		—
	Skardu ¶																		—
	Gilgit *																		—
	Mingar																		—
	Allahab																		—
PUNJAB	Lyallpur	000 56	0 23 02	96 00	0 049 93	0 0 9 0 0	- - - 97	000 53	2 05 02	98 10	4 073 71	0 0 9 0 2	1 0 0 65	+ 4	+ 4	5.9	- 3.3	10.2	13
	Lahore	000 57	0 00 00	96 00	0 055 91	0 0 9 0 0	- - - 97	000 57	1 09 02	98 02	1 080 78	0 0 9 0 2	1 9 x 62	+ 3	+ 4	10.6	- 4.0	14.7	19
	Sialkot	000 61	0 00 00	97 00	0 044 80	0 0 9 0 0	- - - 95	000 58	0 05 02	97 00	0 082 76	0 0 9 0 0	- - - 68	+ 3	+ 7	18.8	-10.0	18.7	23
	Jhelum	000 53	0 00 00	97 00	0 039 91	0 0 9 0 0	- - - 97	000 59	2 00 00	96 02	0 088 89	0 0 9 0 6	0 6 1 xx	—	—	16.5	-	25.8	—
	Rawalpindi	000 51	0 00 00	99 00	0 039 86	0 0 9 0 0	- - - 93	000 51	2 00 00	97 01	1 091 83	0 0 9 2 0	- - - 60	+ 4	+ 4	14.9	- 9.1	26.7	30
	Murree ¶	000 39	0 27 02	98 00	1 065 65	0 0 9 0 0	0 x x 72	000 51	0 00 00	98 00	0 086 64	0 0 9 0 0	- - - 55	+ 7	+ 5	22.5	- 14.5	44.1	59
	Attock	xxx xx	0 00 00	98 00	0 — —	0 0 9 0 0	- - - —	xxx xx	0 00 00	98 00	0 — —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Khushab	000 62	0 20 05	99 00	0 042 98	0 0 9 0 0	- - - 99	000 53	1 07 02	99 01	1 074 72	0 0 9 0 1	- - - 62	+ 5	0	3.0	- 7.3	8.0	15
	Montgomery	000 58	0 00 00	96 00	0 047 95	0 0 9 0 0	- - - 97	000 56	0 20 02	96 00	0 078 73	0 0 9 0 0	- - - 68	+ 1	0	2.5	- 5.0	6.1	10
	Leiah	000 48	0 13 02	97 00	0 045 96	0 0 9 0 0	- - - 99	000 58	0 13 02	97 00	0 075 65	0 0 9 0 0	- - - 68	—	—	0.9	—	6.9	8
	Multan	000 56	0 18 02	97 00	0 056 94	0 0 9 0 0	- - - 98	000 56	0 00 00	96 00	0 070 75	0 0 9 0 0	- - - 68	+ 4	+ 6	3.7	- 1.2	8.9	7
	Khanpur	000 59	0 27 02	95 05	0 058 97	0 0 9 0 0	- - - 99	000 58	0 28 03	95 05	0 071 75	0 0 9 0 0	- - - 68	+ 4	+ 9	0.3	- 4.5	1.9	6
	Bahawalpur	000 74	0 00 00	97 00	0 056 91	0 0 9 0 0	- - - 99	000 60	0 16 03	97 00	0 077 75	0 0 9 0 0	- - - 64	+ 5	+ 3	1.9	3.4	8.0	4
	Fort Abbas	000 85	0 28 03	96 00	0 072 97	0 0 9 0 0	0 x x 99	000 65	0 18 02	96 00	0 071 75	0 0 9 0 0	0 x x 64	—	—	2.8	-	3.7	3
N. W. F. P.	Drosh ¶	000 80	1 00 00	93 02	1 047 80	1 1 8 0 0	8 x x 84	000 87	0 00 00	99 02	1 010 60	0 0 9 3 1	- - - 59	+ 8	+ 7	1.8	—	22.0	13
	Chakdara	000 58	0 27 02	99 00	0 036 85	0 0 9 0 0	- - - 92	000 48	0 00 00	98 00	0 100 63	0 0 9 0 0	- - - 59	—	—	0.5	—	18.8	—
	Cherat ¶	000 51	0 18 02	97 00	0 065 79	0 0 9 0 0	- - - 84	000 47	0 09 02	97 00	0 080 65	0 0 9 0 0	- - - 63	+ 3	+ 6	0.7	- 5.7	28.8	29
	Peshawar	000 58	1 00 00	96 02	1 046 87	1 1 7 0 x	- - - 94	000 47	1 20 02	96 01	1 087 71	0 0 9 0 1	- - - 65	+ 7	+ 5	1.8	- 2.9	9.1	14
	Parachinar	000 84	4 00 00	98 02	2 065 72	2 1 7 6 3	4 9 9 79	000 34	5 00 00	99 02	1 072 66	0 0 9 0 0	2 x 9 54	+ 5	+ 4	10.5	—	28.0	39
	Miranshah	000 40	0 11 03	99 00	0 031 87	0 0 9 0 0	- - - 89	000 28	0 00 00	99 00	0 065 72	0 0 9 0 0	- - - 64	—	—	3.6	- 1.2	10.5	13
	Bannu	000 46	0 31 02	99 00	0 036 92	0 0 9 0 0	- - - 95	000 52	2 36 03	99 03	0 075 69	0 0 9 8 0	- - - 68	—	—	0.9	—	5.9	11
	D. I. Khan	000 64	0 00 00	96 00	0 040 96	0 0 9 0 0	- - - 96	000 51	0 00 00	96 00	0 059 67	0 0 9 0 0	- - - 62	+ 3	+ 1	1.1	4.4	2.3	9
	Wana																		11
	Landikotal							000 44	0 00 00	98 00	0 073 65	0 0 9 0 0	- - x 57	—	—	2.4	—	12.0	—
	Hangu	xxx xx	0 00 00	97 00	0 — —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00	0 — —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Tholl																		—
BALUCHISTAN	Fort Sandeman	000 39	0 00 00	96 05	0 035 85	0 0 2 0 0	- - - 87	000 34	2 27 03	96 01	1 094 67	0 0 8 0 1	1 x x 59	+ 5	+10	4.1	- 1.0	10.0	13
	Hindubagh	000 30	1 27 04	97 01	1 067 76	1 2 8 0 0	7 x x 61	000 35	1 23 04	97 03	0 079 65	0 0 9 0 1	3 0 x 53	—	—	0.2	—	8.5	—
	Loralai	000 66	3 31 05	96 00	0 050 81	0 0 9 0 0	- - - 86	000 42	0 31 05	96 00	0 089 63	0 0 9 0 0	- - - 55	—	—	1.7	—	8.1	—
	Kalat (at	000 xx	0 05 02	98 00	0 — —	0 0 9 0 0	- - - —	000 xx	0 27 03	98 00	0 — —	0 0 9 0 0	- - - xx	—	—	2.0	- 5.6	10.6	14
	Sibi	000 49	0 23 05	99 00	0 040 00	0 0 9 0 0	- - - 01	000 55	0 00 00	98 00	0 076 73	0 0 9 0 0	- - - 57	—	—	1.2	—	3.9	5
	Quetta ¶	000 48	0 31 02	99 00	0 075 73	0 0 9 0 0	- - - 80	000 43	0 00 00	98 00	0 092 57	0 0 9 0 0	- - - 46	—	—	0.8	- 0.2	9.3	8
	Chaman	000 36	0 31 03	97 00	0 072 81	0 0 9 0 0	- - - 85	000 43	0 07 02	97 00	0 000 76	0 0 9 0 0	- - - 61	+ 6	- 1	0.0	- 0.3	4.6	3
	Nushki	000 56	0 00 00	97 00	0 037 86	0 0 9 0 0	- - - 90	000 52	0 07 03	98 00	0 044 76	0 0 9 0 0	- - - 70	—	—	0.0	—	5.5	—
	Dalbandin *	000 48	3 31 02	96 01	1 074 92	2 1 7 0 0	- - - 93	000 41	0 00 00	96 00	0 084 61	0 0 9 0 0	0 0 x 61	+ 6	+12	0	- 0.3	1.9	4
	Nokkundi	000 71	1 07 02	99 03	0 042 94	0 0 9 0 0	0 0 x 96	000 44	1 00 00	99 07	1 083 70	0 0 9 0 1	- - - 63	—	—	0	—	0.9	3
	Kalat ¶	000 56	0 31 05	98 00	0 036 72	0 0 9 0 0	- - - 77	000 41	0 18 05	98 00	0 096 53	0 0 9 0 0	- - - 47	+ 3	+ 8	0.8	- 0.5	4.7	7
	Turbat	000 53	0 20 05	97 00	1 068 95	0 0 9 0 0	- - - 95	000 75	2 18 02	95 03	0 097 77	8 9 8 0 0	4 0 0 75	—	+ 5	0	—	1.4	—
	Panjgur ¶							000 50	0 05 03		983 63	8 0 9 0 0	- - - 59	—	—	1.6	—	8.2	5
	Las Bela	000 77	0 16 06	99 00	0 068 98	0 0 9 0 0	- - - 01	000 75	0 00 00	99 00	0 093 77	0 0 9 0 0	- - - 68	—	—	1.6	—	1.7	3
	Ormara	000 65	0 27 09	97 00	0 083 88	0 0 9 0 0	- - - 84	000 65	0 27 09	97 00	0 097 78	0 0 9 0 0	- - - 78	—	—	0.3	- 0.5	3.0	6
	Pasni	000 74	0 23 10	98 00	0 089 84	0 0 9 0 0	- - - 88	000 73	0 27 05	96 00	0 107 75	0 0 9 0 0	- - - 70	4	—	0.3	- 0.1	5.0	6
	Jiwani																		4
SIND	Keti	000 54	0 27 02	96 00	0 054 99	0 0 9 0 0	- - - 01	000 55	0 18 02	96 00	0 077 72	0 0 9 0 0	- - - 66	—	—	1.7	—	2.3	—
	Jacobabad	000 53	0 18 03	97 00	0 052 98	0 0 9 0 0	- - - 00	000 56	0 00 03	97 00	0 075 77	0 0 9 0 0	- - - 73	+ 3	+ 9	0.2	- 3.0	0.7	4
	Sukkur	000 66	0 xx xx	96 00	0 037 95	0 0 9 0 0	- - - 00	000 60	0 xx xx	96 00	0 074 76	0 0 9 0 0	- - - 71	—	—	0.6	—	1.0	4
	Pad Idan	000 64	0 00 00	98 00	0 057 96	0 0 9 0 0	- - - 99	000 64	0 13 05	98 00	0 073 78	0 0 9 0 0	- - - 70	—	—	0.3	—	0.9	—
	Karachi (Manora)	000 74	0 25 09	98 00	0 066 80	0 0 9 0 0	- - - 83	000 73	3 27 05	97 01	1 099 76	3 6 4 0 0	- - - 75	- 5	+ 2	1.5	- 4.5	1.9	3
	Karachi (A. P.)	000 71	0 27 12	97 00	0 081 85	0 0 9 0 0	- - - 91	000 75	1 27 12	97 03	1 096 78	1 6 4 0 0	- - - 75	—	—	2.0	—	3.0	—
	Badin	000 62	0 23 07	97 00	0 082 95	0 0 9 0 0	- - - 00	000 71	0 23 07	97 00	0 100 76	0 0 9 0 0	- - - 72	+ 5	+ 4	7.0	- 0.2	7.0	9
	Nagarparkar																		—
	Dhiar (Umarkot)	000 74	0 23 03	97 00	0 064 90	0 0 9 0 0	- - - 01	000 73	0 23 07	97 00	0 088 75	0 0 9 0 0	- - - 70	—	—	2.3	—	2.3	—
	Hyderabad	000 66	0 23 05	97 00	0 069 95	0 0 9 0 0	- - - 05	000 73	0 23 05	96 00	0 082 76	0 0 9 0 0	- - - 71	+ 7	+ 7	1.8	- 4.3	2.9	7
JODHPUR	Veraval																		20
AFGHANISTAN	Kabul	000 41	2 34 02	98 01	0 002 76	0 0 9 4 0	- - - 77	000 33	1 34 02	98 01	0 006 49	0 0 9 0 1	- - - 47	—	—	0.7	—	18.5	12
	Jalalabad	000 64	1 07 02	97 01	1 061 88	0 0 4 4 1	3 x 9 94	000 51	1 26 02	97 01	1 099 66	0 0 9 8 1	2 9 x 60	—	—	0.5	—	6.9	—
	Kandahar							000 46	0 00 00	97 00	0 067 54	0 0 9 0 0	- - - 47		—	0	—	19.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 24TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_SD_WT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_SD_WT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharbar	-	-				-	-	-	-	-		-	-	-	-	-	-	4
	Jask	-	-		...		-	-	-	-	-		-	-	-	-	-	-	5
	Masnet	...	-				-	-	-	-	-		-	-	-	-	-	-	10
	Bushire		...				-	-	-	-	-		-	-	-	-	-	-	11
Arabia	Muscat	000 79	2 31 02	97 01 0	098 86	8 0 9 1 0	- - - 88	000 74	0 31 02	98 00 0	109 84	8 0 9 8 0	- - - xx	- 2	—	0	- 0.2	3.5	4
	Sharjah	000 wx	0 07 02	97 00 0	103 81	8 0 9 0 0	- x - 82	000 xx	0 36 09	97 00 0	127 75	0 0 9 0 0	- - - 60	—	—	0	—	1.5	4
	Kuwait																		5

* Barometer readings reduced to 1 geodynamic Kilometre (2,550-2,556 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0900 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 000 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$id_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bharatrani ...	33 140	742 06	2 02 84	93 02 1	011 91	—	2 4 300	...	0 00 77	1 01 22
Islami ...	33 180	696 06	2 01 99	99 01 0	183 84	21 6 00	0 8 701	...	0 01 79	1 08 22
Alavi ...	33 160	654 06	—	99 02 1	131 84	42 6 00		...		
Masimpur	33 202	690 06	3 34 10	98 02 8	132 85	81 6 00	—	...	—	
Islami ...	33 183	706 12	1 34 10	99 08 0	105 86	11 7 00	1 4 300	...	0 01 77	0 01 22
Masimpur ...	33 197	792 12	1 34 16	93 01 0	096 86	00 9 00	1 3 4xx	...	—	—
Bharatrani ...	33 148	737 12	4 32 05	93 02 1	079 88	31 5 01	—	...	—	—
BAY OF BENGAL										
Mohammedi ...	33 170	885 12	1 27 02	97 02 0	066 86	10 8 01	—	—	...	—

Radio-Sonde Data (Temperatures in C°)
of previous day.

STATION	TEMP	CODE :— iiiGG			PoPoPoToTo			TdoTdoTxoXiX2			PiPihihihi		TiTiTdiTdiTxi etc:				5555	hthiPiPiPi		TiTiTdiTdiTxi etc:				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	780 14	006 26	226 40	000 25	202 27	855 65	245 99	700 19	116 28	509 91	869 90	801 68	859 94	555 55	279 22	285 15	339 00	265 77	576 00	215 98	466 00	037 78	494 00	689 91	813 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8	9	10	11	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	21 05	21 01	22 02	22 02	25 01	31 06	—	—	—	—	—	—	—	—	—	—	—	10 07	10 07	10 05	08 02	35 02	10 02	30 11	29 28
Dhaka	23 08	25 07	24 07	28 00	29 12	31 10	31 08	30 04	27 17	27 33	—	—	—	—	—	—	—	23 13	24 11	24 10	24 06	14 00	08 05	24 09	30 12
Chittagong	33 06	33 02	36 03	18 05	18 01	—	—	—	—	—	—	36 03	36 07	04 04	18 07	—	—	04 05	04 04	14 07	15 12	17 10	—	—	—
Cox's Bazar	02 00	01 03	01 03	09 02	19 12	25 11	28 12	28 14	28 10	—	—	35 06	01 05	34 06	31 08	31 07	—	11 03	12 05	14 06	15 16	16 18	—	—	—
Dacca	09 04	11 03	11 02	—	—	—	—	—	—	—	—	12 09	30 04	29 05	16 03	—	—	14 04	13 05	12 08	09 09	14 07	16 01	24 14	29 33
Baibandir	—	—	15 01	20 04	22 06	23 04	20 15	24 20	25 29	27 44	—	—	—	13 06	30 04	32 03	30 03	—		07 07	09 06	29 03	20 02	02 09	01 16
Dinar	—	—	—	—	06 05	36 02	17 05	24 10	—	—	—	—	—	—	14 02	31 01	36 03	—	—		—	02 01	35 15	05 04	20 08
Fort Sandeman	—	—	—	26 03	34 03	34 06	27 21	26 26	27 47	27 40	—	—	—	—	26 05	31 04	32 03	—			28 03	27 07	31 05	27 32	29 30
Peshabar	28 03	29 04	30 04	32 05	34 04	29 04	27 13	29 16	26 31	—	—	31 12	23 12	22 13	22 05	22 05	32 04	31 09	21 04	29 03	27 03	20 03	31 02	29 08	—
Chaltan	26 07	28 05	29 10	30 18	31 15	34 11	26 15	25 17	27 29	—	—	12 01	29 05	29 05	29 06	31 09	30 07	02 08	19 04	25 03	20 03	30 07	30 13	32 12	26 13
Sywan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 21	29 18	27 10	27 09	29 13	23 11	24 02	28 09	27 16	27 18	28 85	28 33	27 32	26 10	23 27	24 11	29 17	31 14	30 13	27 10	26 10	19 06	21 08	—
Khanpur	28 03	28 03	35 04	36 08	01 09	01 04	30 22	—	—	—	24 07	32 11	34 03	32 07	36 08	31 06	22 18	26 20	28 19	28 13	28 11	17 04	37 15	29 20
Lahore	30 06	25 04	28 12	28 14	31 17	33 15	28 18	30 10	28 34	—	26 11	27 11	28 10	25 06	35 10	24 18	31 05	27 10	27 12	28 08	28 08	27 13	28 19	—
Multan	08 04	19 08	19 06	18 06	31 04	33 04	29 19	28 21	27 47	—	19 17	21 17	32 15	28 13	25 13	30 07	32 10	24 19	35 19	28 09	25 08	25 05	29 13	—
Peshawar	..	08 04	28 01	30 06	34 08	26 07	31 12	25 34	27 34	27 42	—	35 08	35 04	15 03	28 06	27 06	—	34 00	34 00	03 11	26 05	30 13	26 15	23 08
Quetta					32 05	31 11	27 24	26 29	27 39	—	—		—	—	26 11	26 28	—	—		—	—	24 11	30 18	31 25	—
Bushire						—	—	—	—	—	—	—	—	—	—	—					—	—	—	—	—
Gharian	...					—	—	—	—	—	—	—	—	—	—	—					—	—	—	—	—

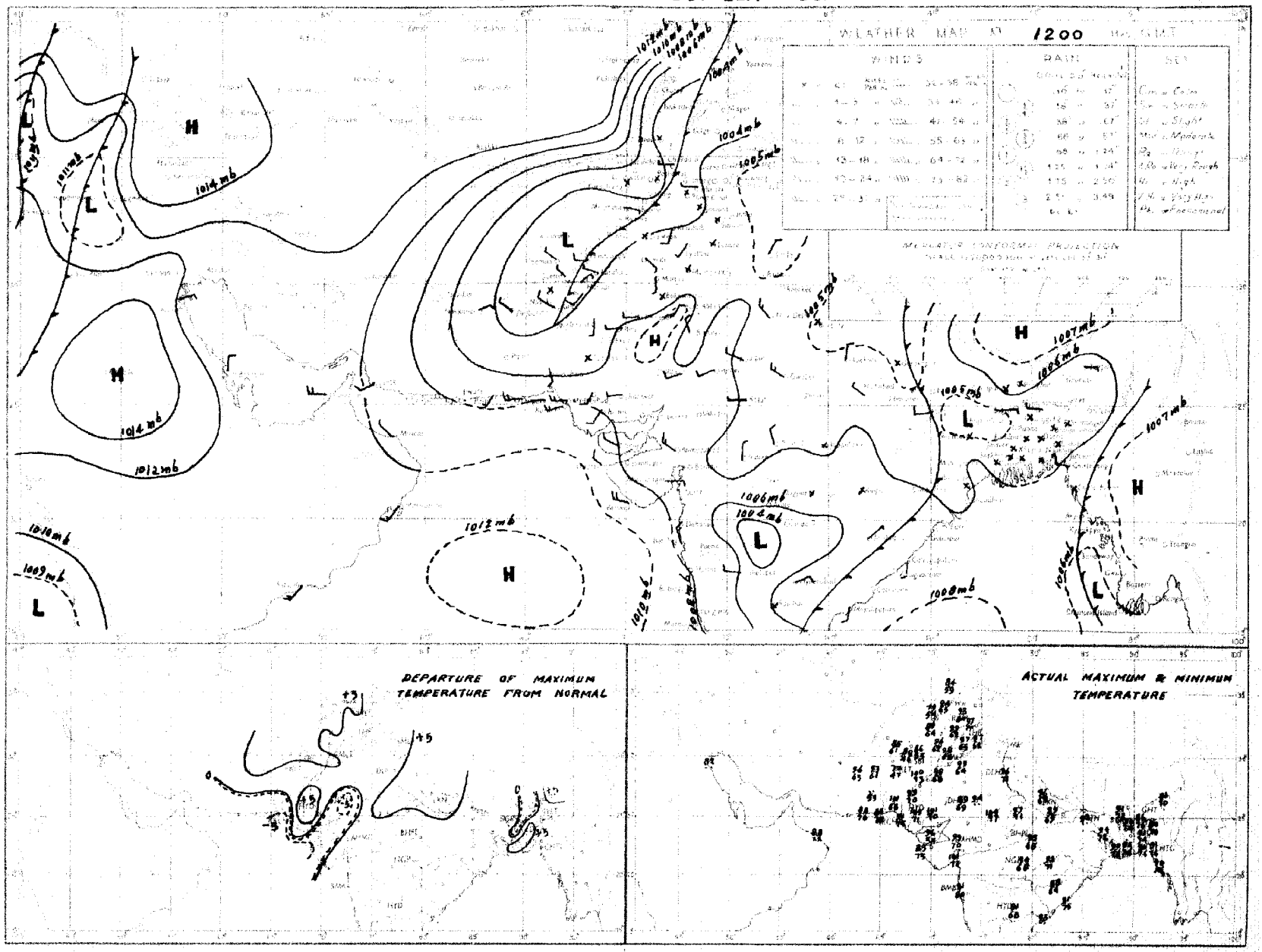
Cloud Observation Data (iiiGG Cddv, v_r)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet

E. F. W.

PAKISTAN DAILY WEATHER MAP

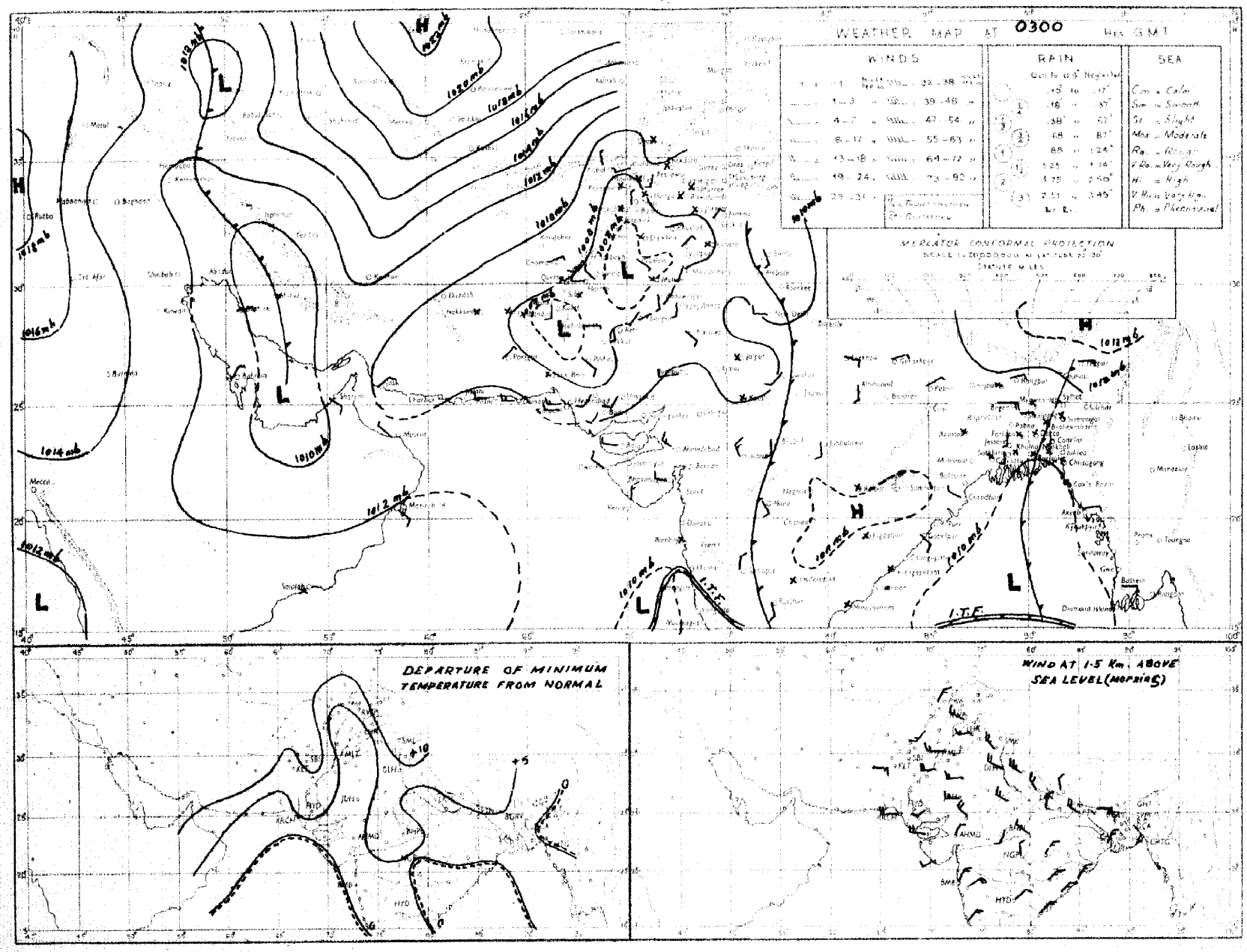
TUESDAY 23rd: OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 24th OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 25TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance is affecting the extreme north of West Pakistan.
A trough of low extends from Baluchistan to southwest Iran across Oman.
Another trough of low lies over central and the adjoining south Bay of Bengal.

Isolated thundershower has been reported from the upper North-West Frontier Province.

Day temperatures were appreciably to markedly above normal over West Pakistan outside Sind Mekran coast and in Deltaic sub-division of East Pakistan.

Forecast valid until the evening of 26th :—Scattered thunderstorms/showers will occur in the North-West Frontier Province, Kashmir and East Pakistan. Scattered dust/thunderstorms also likely North east Baluchistan.

Karachi-11.
The 25th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	TxTx	TnTn	Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 77	0 00 00	96 00 1	085 86	0 0 9 0 0	- - - 92	000 78	4 00 09	97 01 1	131 89	4 0 8 4 0	- - - 78	+ 5	+ 5	111 8	2 2	121.5	140
	Chittagong	000 75	6 00 00	96 02 1	080 85	5 5 6 7 0	0 x 9 89	000 75	2 13 02	98 52 1	138 84	2 0 7 9 0	- - - 74	+ 3	+ 1	104 5	+21 6	134.2	108
	Noakhali	000 77	1 00 06	95 05 0	xxx 87	1 2 5 0 0	- - - 90	000 76	2 00 00	95 00 4	xxx 82	2 x 4 0 0	- - - 78	+ 4	+ 5	—			115
	Comilla	000 79	1 86 02	98 00 1	080 86	1 1 7 0 0	- - - 87	000 76	1 00 00	98 00 0	134 85	1 1 7 0 2	- - 76	- 1	+ 3	121 5	+52 7	128 9	94
	Brahmanbaria	000 76	0 00 00	97 00 1	080 85	0 0 9 0 0	- - - 90	000 75	0 00 00	97 00 0	127 84	0 0 9 0 0	- - 75	—	—	61 8	+ 7.7	71 7	78
	Dacca	xxx 75	0 00 00	96 00 1	075 83	0 0 9 0 0	6 x x 91	xxx 76	0 00 00	97 00 0	132 81	0 0 9 0 0	- - 73			—	—	—	—
	Narayanganj	000 76	0 00 09	xx 00 0	021 86		9 x x 94	000 78	1 13 02	94 01 0	127 89	1 5 5 0 0	0 x x 77	+ 6	+ 2	69 7	+16 9	88 6	74
	Mymensingh	000 76	0 00 00	99 00 0	086 86	0 0 9 0 0	- - - 58	000 77	0 09 02	99 00 0	136 84	0 0 9 0 0	- - 77	+ 1	+ 3	51 8	-17 0	59.9	91
	Srimangal	000 77	5 00 00	94 03 1	085 81	2 2 5 0 3	- - - 69	000 75	1 00 00	96 02 1	159 82	0 0 9 3 0	- - - 68	1	- 2	77.5	+12 6	104 6	96
	Khulna	000 74	1 00 00	96 00 0	030 86	1 1 6 0 0	- - - 92	000 75	1 09 02	97 00 0	139 84	1 8 8 0 0	- - - 76	+ 5	+ 3	45 0	- 7 4	63 9	88
	Satkhira	000 86	6 00 00	97 03 1	081 87	4 4 7 6 0	- - - 91	000 74	4 05 02	97 03 1	125 86	3 4 7 6 0	- - - 75	+ 2	+ 3	34 8	-15 7	43 5	85
	Jessore	000 78	2 00 00	98 02 1	075 85	2 6 6 0 0	- - - 93	000 76	0 00 00	97 00 0	132 85	0 0 9 0 0	- - - 73			36 9	10 8	44 0	86
	Faridpur	000 75	2 00 00	95 06 0	075 85	1 4 7 6 0	9 x x 86	000 77	2 00 00	97 02 0	137 84	2 4 7 0 8	9 x x 75	1	+ 1	49 0	- 2 1	55.4	71
	Barisal	000 75	0 00 00	96 05 0	076 87	0 0 9 0 0	- - - 92	000 78	2 05 02	98 01 1	133 85	1 2 6 5 0	- - - 77	+ 5	+ 3	62.6	+ 1 5	78 3	81
	Pabna																		80
	Rampur Boalia																		56
	Sirajganj	000 78	0 00 00	96 00 0	080 82	0 0 9 0 0	- - - 86	000 74	0 09 00	99 00 0	139 83	0 0 9 0 0	- - - 75	- 1	+ 2	53 9	+ 4 6	63 9	64
	Bogra	000 75	1 00 00	96 01 0	086 83	1 1 6 0 0	- - - 89	000 72	1 09 03	96 00 9	141 83	0 0 9 0 1	- - - 74	+ 2	+ 1	37 4	17 6	44.2	69
	Dinajpur	000 76	0 03 00	xx 00 0	102 83	0 0 9 0 0	- - - 90	000 75	0 09 02	97 00 0	147 84	0 0 9 0 0	- - - 72	+ 3	0	44 3	-16.0	48 6	75
	Rangpur	000 xx	0 00 00	96 02 1	— —	0 0 9 0 0	- - - —	000 xx	0 09 02	98 02 1	— —	0 0 9 0 0	- - - —		—	69 0	—	79 2	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 53	0 16 02	96 00 0	056 91	0 0 9 0 0	- - - 94	000 53	0 05 02	96 00 0	114 78	0 0 9 0 0	- - - 70	+ 1	+ 9	5.9	- 3 8	10 2	12
	Lahore	000 62	0 13 02	96 00 0	083 91	0 0 9 0 0	- - - 99	000 56	0 13 02	95 05 0	128 78	0 0 9 0 0	- - - 68	+ 5	+10	10.6	- 4 0	14.7	19
	Sialkot	000 67	0 00 00	97 00 0	063 90	0 0 9 0 0	- - - 97	000 57	0 13 02	97 00 0	135 77	0 0 9 0 0	- - - 70	+ 5	+ 9	18.8	-10.0	18.7	22
	Jhelum	000 60	1 00 00	97 01 0	065 89	1 1 7 0 0	- - - 94	000 58	0 00 00	96 00 0	146 70	0 0 9 0 0	- - - 63	—	—	16 5	—	25 8	—
	Rawalpindi	000 40	0 00 00	99 00 0	064 87	0 0 9 0 0	- - - 95	000 55	0 00 00	98 00 0	150 69	0 0 9 0 0	- - - 62	+ 6	+ 6	14 9	- 9.1	25.7	30
	Murree †	000 43	0 22 02	98 00 0	077 66	0 0 9 0 0	- - - 72	000 42	0 16 03	97 00 0	010 61	0 0 9 0 0	- - - 54	+ 7	+ 5	22.5	14 5	44 1	59
	Attock	xxx xx	1 05 02	98 00 0	— —	1 x 7 0 0	- - - —	xxx xx	0 09 02	99 00 0	— —	0 0 9 0 0	- - - —			—		—	—
	Khushab	000 65	0 11 05	98 00 0	055 93	0 0 9 0 0	- - - 97	000 58	0 07 05	99 00 0	122 75	0 0 9 0 0	- - - 69	+ 3	+ 7	8 1	- 7.3	8.0	15
	Montgomery	000 53	0 00 00	97 00 0	052 95	0 0 9 0 0	- - - 97	000 52	0 20 08	96 00 0	017 72	0 0 9 0 0	- - - 66	+ 1	+ 3	2.5	—	5 0	10
	Leiah	000 57	0 05 02	97 00 0	046 98	0 0 9 0 0	- - - 09	000 59	0 31 02	97 00 0	120 72	0 0 9 0 0	- - - 65	—	—	0.9	—	6 9	8
	Multan	000 65	0 00 00	97 08 0	051 96	0 0 9 0 0	- - - 00	000 60	0 00 00	96 00 0	116 74	0 0 9 0 0	- - - 69	+ 6	+ 7	3 8	- 1 2	6 9	7
	Khanpur	000 61	0 22 03	95 05 0	065 95	0 0 9 0 0	- - - 98	000 62	0 18 03	95 05 0	114 76	0 0 9 0 0	- - - 67	+ 3	+ 8	0.3	- 4 6	1.9	4
	Bahawalpur	000 79	0 00 00	97 00 0	046 95	0 0 9 0 0	- - - 01	000 59	0 18 02	97 00 0	114 78	0 0 9 0 0	- - - 69	+ 7	+ 8	1.9	- 2.4	6.0	4
	Fort Abbas	000 85	0 22 02	96 08 0	xxx 97	0 0 9 0 0	0 x x 00	000 65	0 23 02	96 00 0	xxx 75	0 0 9 0 0	0 x x 67		—	2.8	—	3.7	3
N. W. F. P.	Drosh *	000 25	4 23 10	93 92 1	948 80	2 1 5 0 1	8 6 0 85	005 45	7 00 00	95 95 9	063 60	6 0 3 2 3	7 x 9 59	+ 9	+ 6	1.8	—	22 0	16
	Chakdara	000 55	0 09 02	99 00 0	051 88	0 0 9 0 0	- - - 81	000 49	0 00 00	98 00 0	155 65	0 0 9 0 0	- - - 59		—	6.5	—	18.5	—
	Cherat *	000 47	0 18 05	97 00 0	973 78	0 0 9 0 0	- - - 84	000 61	0 18 07	97 00 0	028 70	0 0 9 0 0	- - - 64	+ 8	+ 7	6.7	- 5 7	28.6	20
	Peshawar	000 56	5 05 02	97 03 1	055 87	1 1 7 6 0	0 x 5 94	000 54	0 00 00	96 00 0	142 69	0 0 9 0 0	- - - 64	+ 7	+ 4	1.8	- 2.9	9.1	14
	Parachinar	000 36	5 13 04	99 02 2	968 74	1 1 8 6 0	4 x 9 79	000 40	1 00 00	99 01 1	993 68	0 0 9 3 0	2 x 7 54	+ 5	+ 6	10.5	—	28.0	23
	Miranshah	000 62	3 07 05	98 00 1	960 85	0 0 9 0 4	- - - 85	000 43	0 00 00	99 00 0	004 69	0 0 9 0 0	- - - 62	—	—	8.6	- 1 2	10.5	13
	Bannu	000 64	0 11 02	99 00 0	049 92	0 0 9 0 0	- - - 93	000 55	0 00 00	99 00 0	098 70	0 0 9 0 0	- - - 65	—	—	0.9		5.8	11
	D. I. Khan	000 60	0 00 00	96 00 0	045 96	0 0 9 0 0	- - - 95	000 59	0 00 00	96 00 0	124 69	0 0 9 0 0	- - - 62	+ 2	+ 1	1.1	4.4	2.8	9
	Wana																		11
	Landikotal	000 41	1 13 03	98 02 1	958 82	1 8 6 0 0	- - - 66	000 44	0 00 00	98 00 0	017 70	0 0 9 0 0	- - x 62	—	—	2.4	—	12 0	—
	Hangu	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall																		—
BALUCHISTAN	Fort Sandeman	000 29	0 23 03	98 06 0	975 85	0 0 9 0 0	- - - 86	000 30	0 00 00	96 05 0	028 66	0 0 9 0 0	- - - 56	+ 4	+ 7	4.1	- 1.6	10 6	11
	Hindubagh	000 27	1 22 12	98 01 1	948 78	0 0 0 3 0	7 x 0 82	000 36	0 00 00	97 00 9	005 60	0 0 9 0 0	- - - 49	—	—	0.2	—	2.5	—
	Loralai	000 43	0 19 05	96 00 0	950 80	0 0 9 0 0	- - - 85	000 43	0 27 02	97 00 0	022 59	0 0 9 0 0	- - - 53	—	—	1.7	—	8 1	—
	Harnai (a)	000 xx	0 23 02	96 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 00 05	96 00 0	— —	0 0 9 0 0	- - - —		—	2.0	- 5.6	10.6	14
	Sibi	000 40	0 18 05	99 00 0	027 01	0 0 9 0 0	- - - 05	000 52	0 00 00	98 00 0	106 74	0 0 9 0 0	- - - 60	—	—	2.2	—	3.3	5
	Quetta †	000 46	0 24 03	98 00 0	963 77	0 0 9 0 0	- - - 79	000 45	0 13 02	99 00 0	993 65	0 0 9 0 0	- - - 47	—	—	0.2	- 0.3	9.5	9
	Chaman	000 41	0 27 02	97 00 0	967 82	0 0 9 0 0	- - - 84	000 40	0 07 02	97 00 0	002 73	0 0 9 0 0	- - - 65	+ 5	+13	0	- 0.3	9.6	8
	Nushki	000 59	0 31 07	97 00 0	023 89	0 0 9 0 0	- - - 91	000 47	0 05 16	96 00 0	054 77	0 0 9 0 0	- - - 70	—	—	0	—	5.5	—
	Dalbandin *	000 44	1 05 02	96 02 1	961 90	1 1 7 0 0	- - - 98	000 27	0 00 00	96 00 1	992 66	0 0 9 0 0	- - - 58	+ 6	+ 9	0	- 0.3	1.9	4
	Nokkundi	000 38	2 20 05	99 03 1	032 95	0 0 9 0 1	9 0 x 97	000 38	0 34 02	99 03 1	100 75	0 0 9 0 8	9 0 x 69	—	—	0	—	0.8	3
	Kalat †	000 55	0 16 05	98 00 0	977 78	0 0 9 0 0	- - - 78	000 43	0 13 05	98 00 0	098 64	0 0 9 0 0	- - - 48	+ 4	+ 9	0.8	- 0.5	4.7	7
	Turbat	000 83	0 18 08	97 00 1	070 97	0 0 9 0 0	- - - 00	000 75	x 08 00	96 04 0	xxx 78	0 0 9 2 0	8 0 x 74	—		0	—	1.4	—
	Panjgur *	000 86	0 23 03	97 00 0	962 88	0 0 9 0 0	- - - 92	000 45	0 28 02	97 00 0	994 65	0 0 9 0 0	- - - 60	+ 6	+ 6	0	—	2.2	5
	Las Bela							000 74	0 00 00	99 00 0	114 80	0 0 9 0 0	- - - 71		—	1.6	—	1.7	8
	Ormara	000 62	0 27 12	96 00 0	070 84	0 0 9 0 0	- - - 85							—					6
	Pasni	000 72	0 22 10	98 00 0	077 85	0 0 9 0 0	- - - 88	000 70	0 00 00	94 00 0	117 78	0 0 9 0 0	- - - 69	4	+ 2	0.8	- 0 1	5.0	6
	Jiwani																		4
SIND	Kati	000 65	0 27 02	96 00 0	060 01	0 0 9 0 0	- - - 05	000 62	0 18 02	96 00 0	128 74	0 0 0 0 0	- - - 65	—	—	1.7	—	2.2	—
	Jacobabad	000 55	0 13 05	97 00 0	050 99	0 0 9 0 0	- - - 01	000 64	0 09 02	97 00 0	112 76	0 0 9 0 0	- - - 72	+ 4	+ 8	0.2	- 2.1	2.1	4
	Sukkur	000 48	0 00 00	96 00 0	040 99	0 0 9 0 0	- - - 02	000 68	0 13 xx	96 00 0	104 74	0 0 9 0 0	- - - 72	—		0.5	—	1.9	4
	Pad Idan	000 59	0 00 00	98 00 0	051 00	0 0 9 0 0	- - - 01	000 68	0 18 02	97 00 0	108 73	0 0 9 0 0	- - - 70	—	—	0.8	—	8.9	—
	Karachi (*Manora*)	000 75	0 27 09	98 00 0	078 81	0 0 9 0 0	- - - 83	000 75	2 27 05	98 01 1	116 75	2 6 4 0 0	- - - 74	- 5	+ 1	1.5	- 4.5	1 8	3
	Karachi (*A. P.*)	000 74	0 23 17	96 00 1	077 84	0 0 9 0 0	- - - 89	000 73	6 27 00	96 03 1	116 77	6 6 4 0 0	- - - 75		—	2.9	—	3.0	
	Badin	000 62	0 22 03	97 00 0	090 95	0 0 9 0 0	- - - 95	000 72	6 27 02	97 00 0	108 75	8 5 x 0 0	- - - 74	0	+ 6	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 75	0 22 07	97 00 0	062 97	0 0 9 0 0	- - - 00	000 74	5 20 09	97 00 0	116 77	0 0 9 3 2	- - - 70	—	—	2.2	—	2.2	—
	Hyderabad	003 66	0 22 05	97 00 0	057 96	0 0 9 0 0	- - - 01	000 72	9 23 05	96 06 0	107 75	0 0 9 0 0	- - - 72	+ 3	+ 2	1.5	- 4.3	3.0	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul							000 34	5 20 02	98 02 1	034 61	0 0 9 4 0	- - - 47	—	—	0.7	—	18.5	12
	Jalalabad	000 63	1 00 02	97 01 1	003 87	0 0 9 7 0	3 x 9 00	000 54	1 25 04	95 01 1	004 65	0 0 9 8 1	9 9 x 61	—	—	0.5	—	6.9	—
	Kandahar	000 57	1 23 25	98 01 1	949 81	0 0 9 0 2	- - - 91							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 25TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_SD_M{}^{T}{}_{x}T_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1D_SD_M{}^{T}{}_{n}T_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharba:	-	-	-	-		-	-	-	-	-		-	-	-	-	-	-	4
	Jaz:	-	-	-	-		-	-	-	-	-		-	-	-	-	-	-	3
	Mashed	-	-	-	-		-	-	-	-	-		-	-	-	-	-	-	16
	Bushire		-				-	-	-	-	-		-	-	-	-	-	-	11
Arabia	Muscat	000 74	0 09 03	97 00 0	057 86	0 0 9 0 0	- - - 90	000 71	0 90 00	96 09 0	112 84	0 0 9 0 0	- - - xx	0	---	0	- 0.3	3.3	4
	Bhatiya	-												-		-	-	-	4
	Kuwait	000 xx	0 09 00	97 09 0	111 89	0 0 9 0 0	- - - 90	000 xx	0 29 09	97 00 0	165 74	0 0 9 0 0	- - - 71	---	---	0	---	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude.).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude.).
†† Barometer readings reduced to 5 geodynamic Kilometre (10,049,-10, 069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0900 hrs. G.M.T. of the previous day and RRR at 1900 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfal..
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kotabarne ..	43 103	587 06	1 09 03	95 02 0	144.50	11 5 00	2 5 312	-	0 51 78	1 15 62
Bharatrani ...	43 175	729 06	8 86 05	97 03 2	011 85	11 7 68	-	-	-	-
Alavi —	43 160	614 06	2 04 00	89 02 1	134 84	22 8 00	6 3 102	-	0 01 80	1 04 22
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			P1P1h1h1h1			T1T1Td1Td1Tx1 etc:				5555		h1h1P1P1P1			T1T1Td1Td1Tx1 etc:			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	780 14	006 26	248 60	000 24	252 44	854 91	248 47	700 37	146 43	500 30	549 94	201 87	309 91	555 55	279 17	221 19	339 00	230 01	518 43	250 32	662 00	215 31	466 00	656 98	856 98

PPP—Pressure in hundreds, tens and units of millibars, PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8	9	10	11	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	-	05 05	06 02	15 03	21 03	23 14	29 06	29 13		-	-	08 10	19 07	12 03	24 01	21 02	-	10 11	07 08	24 05	04 03	06 06	19 05	29 04	-
Dhaka	-	21 10	22 03	12 06	20 05	17 07	23 03	24 10	25 09	-	-	-	-	-	-	-	-	22 15	21 13	16 10	23 10	25 12	17 08	19 04	10 10
Chittagong	-	20 06	24 04	22 06	21 14	19 17	19 24	-	-	-	-	13 04	14 01	18 03	19 08	19 12	-	22 05	13 05	15 03	14 03	15 07	18 07	20 12	-
Cox's Bazar	-	23 06	20 10	19 11	16 11	16 17	21 68	25 09	26 10	32 16	-	13 08	14 06	17 06	15 08	15 09	18 06	13 06	13 10	14 12	13 20	21 16	13 02	17 18	22 22
Dacca	-	18 04	20 05	27 03	22 05	23 08	23 09		-	-		00 04	10 01	01 01	22 02	08 01	35 01	06 05	06 03	06 04	17 02	09 02	19 04	26 13	-
Dalbandin	-	-	-	14 02	18 02	25 02	26 01	25 16	24 16	25 21	25 48	-	-	21 05	21 01	07 01	-	-		26 03	18 05	19 10	19 02	22 05	21 13
Drosc	-		-			09 01	21 07	15 06	25 15		-	-		-	06 16	15 06	22 11	-	-			06 64		-	-
Fort Sandeman	-	-		-	26 07	26 05	24 06	27 19	27 29	27 43	27 59	-	-	-	15 05	22 09	23 17			-	24 01	01 06	21 02	17 11	-
Jacobabad	-	20 03	18 02	09 02	02 04	02 05	20 06	24 10	25 13	28 21	27 29	17 11	19 10	21 19	19 12	20 06	23 04	16 05	20 03	20 06	16 16	17 00	14 04	20 03	32 17
Jhelum	-	13 08	10 06	14 08	23 07	28 05	30 08	27 19	22 22	27 31	-	09 05	11 12	12 10	18 07	19 06	26 06	01 09	13 08	13 08	13 01	27 00	24 03	36 03	23 26
Kiwana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Karachi	-	28 10	28 31	29 16	28 11	28 12	20 12	19 10	21 06	24 13	26 23	26 21	29 23	25 19	-	-	-	27 19	27 19	29 12	-	-	-	-	-
Khanpur	-	24 12	25 18	24 12	24 06	23 08	26 11	23 15		-	-	22 08	21 17	22 13	20 10	20 14	06 08	25 13	24 19	21 12	10 07	12 12	11 11	13 10	24 16
Lahore	-	18 06	16 04	22 07	20 08	27 08	28 12	30 13	28 31	25 35	26 47	11 13	13 13	16 09	21 03	25 07	23 10	14 09	15 12	16 11	21 06	25 06	20 09	32 09	26 22
Multan	-	27 02	31 06	31 12	29 05	27 07	28 12	29 27	28 28	-	-	20 01	23 15	21 10	21 15	21 13	-	26 07	24 13	26 17	25 12	24 10	15 07	22 06	26 17
Peshawar	-	...	08 03	05 08	23 08	29 08	24 07	25 13	26 21	27 25	27 45	-	-	-	-		-		30 10	15 04	15 05	17 06	15 08	22 15	22 13
Quetta	-					28 06	28 08	23 11	24 31	26 55	26 62	-	-	-	-	-	-	-	-		-	15 09	27 06	29 66	23 29
Bushire	-											-	-	-	-										
Bhatiar	-																								

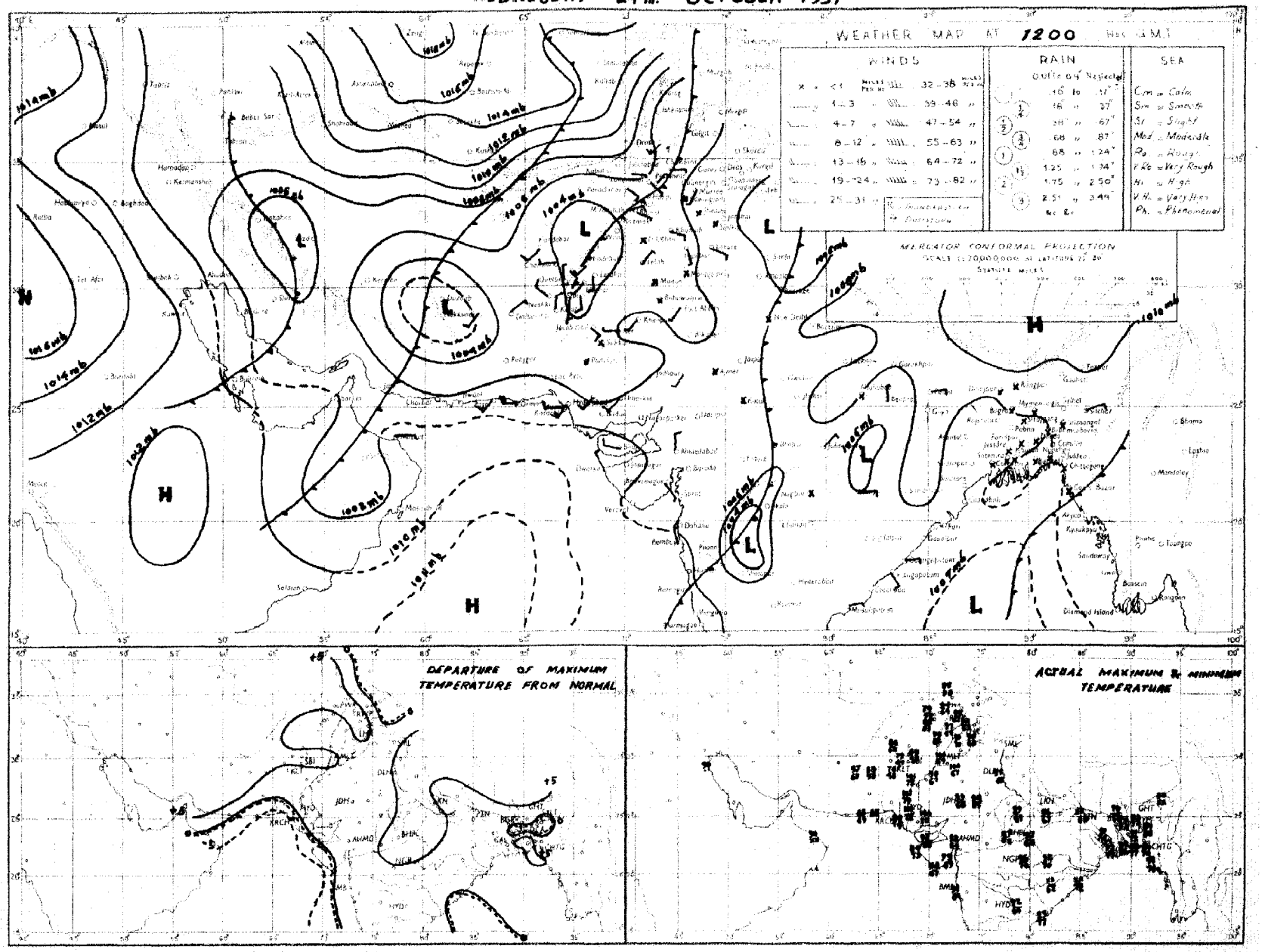
Cloud Observation Data (iiiGG Cddv, v_r)

* Wind directions are expressed in tens of degrees counting from North through East and speed in Knots
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.5, 2.1, 3.0 4.0 5.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

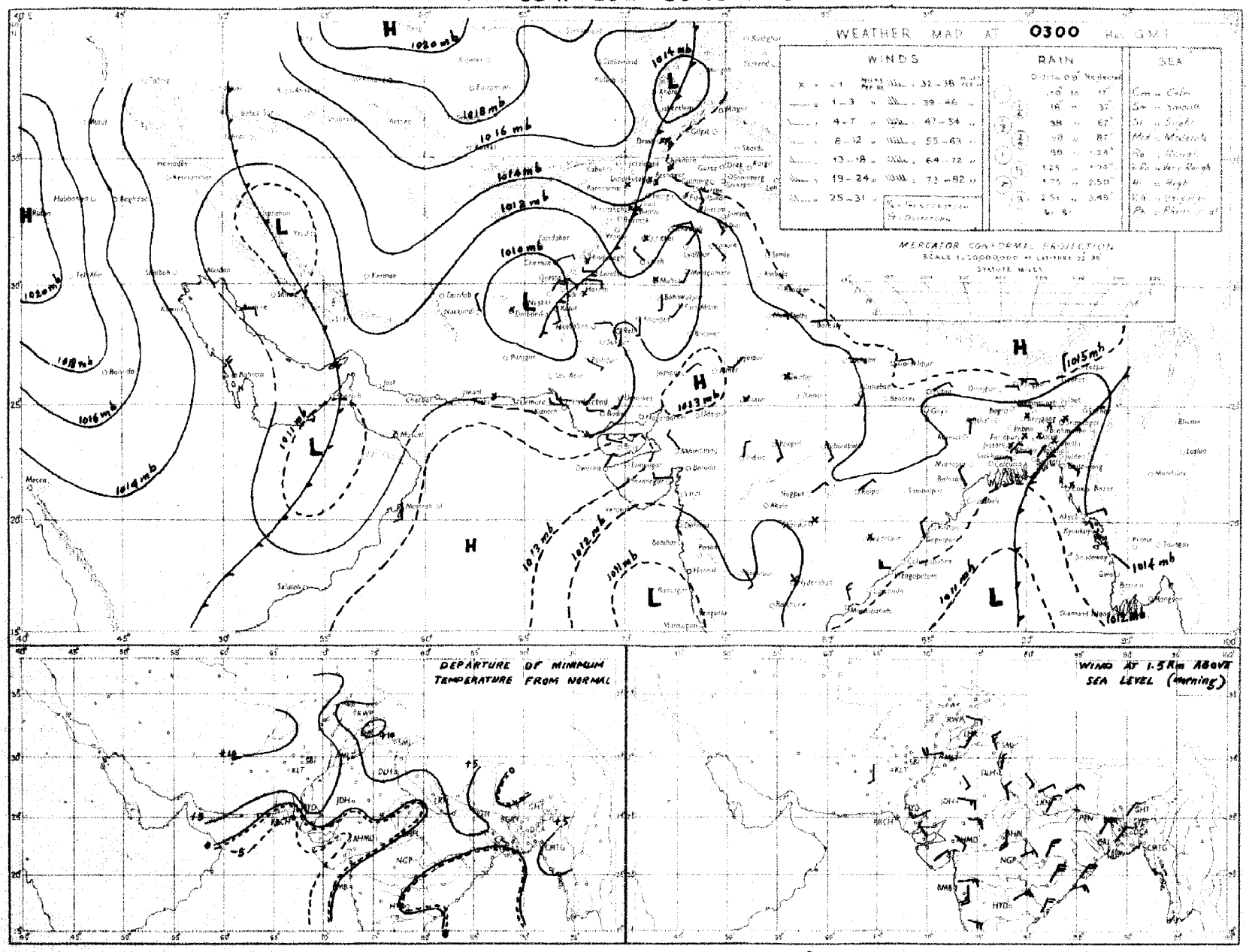
WEDNESDAY 24th. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 25th OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 26TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance is affecting the upper North-West Frontier Province. Its secondary lies over Baluchistan. The system is moving northeastwards.

The trough of low in south and adjoining central Bay persists.

Scattered thundershowers have occurred in the upper North-West Frontier Province and scattered rain in East Pakistan.

Chief amounts of rainfall are :—Comilla 2", and Barisal and Drosh ½" each.

Night temperatures were considerably above normal in West Pakistan outside lower Sind and appreciably to markedly above normal in East Pakistan.

Forecast valid until the evening of 27th :—Scattered thunderstorms/showers will occur in the North-West Frontier Province, adjoining Kashmir, north Baluchistan, the Eastern and Deltaic sub-divisions of East Pakistan. Morning mist/fog is also likely along Sind-Mekran coast.

Karachi-11.
The 26th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_HD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_HD_MT_nT_n$	T_xT_x	T_nT_n	Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 74	0 27 03	96 00 1	115 81	0 0 0 0 0	- - 98	000 75	8 00 00	97 03 1	146 79	4 8 6 4 0	8 × 0 75	+ 6	+ 4	111.8	- 3.6	121 5	140
	Chittagong	000 76	2 20 05	96 02 1	111 83	2 0 7 7 0	0 × 9 89	000 78	4 19 02	92 52 1	146 85	2 0 7 7 0	0 9 9 76	+ 2	+ 5	104 5	+ 21 2	134 2	108
	Noakhali	000 76	5 00 00	95 05 1	×× 88	2 2 4 3 1	- × × 90	000 75	5 00 00	96 01 4	××× 82	2 0 4 3 1	- - - 72	+ 4	+ 2	—			115
	Comilla	165 75	2 00 00	98 03 6	114 78	2 1 7 0 0	1 0 0 89	165 74	6 01 00	98 01 1	143 80	6 4 7 0 0	0 0 0 75	+ 1	+ 5	128 4	+ 54 8	130 8	94
	Brahmanbaria	000 74	2 00 00	97 03 1	115 88	2 4 5 0 0	- 90	000 74	3 25 08	97 03 1	150 86	3 5 5 0 0	- - 76	—	—	81 8	+ 47.6	71 7	78
	Dacca	××× ×	1 22 02	×× 01 1	105 81	1 1 6 0 0	6 × × 91	000 ××	6 13 02	97 03 1	144 85	6 8 4 0 0	- - 75	—		—		—	—
	Narayanganj	000 72	2 13 02	×× 01 1	108 82	2 0 6 8 0	9 × 0 94	000 76	7 00 00	96 03 1	142 87	4 5 5 4	0 × 0 77	+ 6	+ 5	69 7	+ 16.7	88 6	74
	Mymensingh	000 77	0 00 00	99 00 0	115 86	0 0 9 0 0	- 69	000 76	0 00 02	99 00 0	146 82	0 0 9 0 0	- 75	+ 2	+ 5	51 8	- 17 2	59.9	91
	Srimangal	000 75	7 13 02	96 03 1	115 82	4 8 6 0 8	- × 91	000 74	4 00 00	96 02 6	151 83	0 0 9 3 1	9 6 2 71	+ 1	—	77.5	+ 12.4	104.6	98
	Khulna	000 76	6 00 00	96 03 0	112 81	6 7 7 0 0	- - - 90	000 76	2 07 02	97 02 0	152 88	2 3 8 0 0	- 77	+ 2	+ 7	45 0	7 5	53 0	88
	Satkhira	000 86	7 18 02	96 08 1	104 87	5 4 7 6 0	- - × 92	000 76	6 05 02	97 03 1	153 84	4 4 7 6 0	- 78	+ 3	+ 8	34 8	- 15 5	43 5	65
	Jessore	000 75	0 00 00	97 00 0	105 84	0 0 9 0 0	- - 93	000 76	3 13 03	97 01 4	144 83	3 8 6 0 0	4 × × ××			26 9	- 10 9	44 0	65
	Faridpur	000 77	3 00 00	95 02 0	102 85	3 4 7 0 0	9 × × 86	000 77	3 18 02	97 02 0	156 84	3 4 7 0 0	9 × × 76	1	+ 4	49.0	2 2	55.4	71
	Barisal	080 77	4 00 00	97 02 6	107 83	3 4 6 2 9	6 × × 93	080 77	7 00 00	97 08 2	151 82	5 8 6 5 0	- × 76	+ 5	+ 5	61 9	+ 1 5	73 5	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 76	0 00 00	98 00 0	100 82	0 0 9 0 0	- - - 88	000 76	0 09 00	99 00 0	140 82	0 0 9 0 0	- - - 75	+ 1	+ 6	53.9	+ 4 5	63 9	64
	Bogra	000 75	1 00 00	96 01 1	111 82	1 1 6 0 0	- - - 83	000 76	7 13 02	97 01 1	159 80	6 4 5 0 0	- - - 74	+ 1	+ 5	37 4	17 7	44.2	69
	Dinajpur	000 75	0 00 00	×× 00 0	117 84	0 0 9 0 0	- - - 89	000 74	0 09 00	97 00 0	158 84	0 0 9 0 0	- - - 72	+ 2	+ 5	44 2	- 16.1	48 6	72
	Rangpur	000 ××	0 00 00	98 02 1	— —	0 0 9 0 0	- - - ××	000 ××	0 09 02	98 08 1	— —	0 0 9 0 0	- - - ××	—	—	69 9	+ 2.8	79 2	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 65	0 00 00	96 00 0	098 92	0 0 9 0 0	- - - 98	000 61	0 18 02	94 10 4	186 69	0 0 9 0 0	1 × × 65	+ 3	+ 9	5.9	3 8	10 2	12
	Lahore	000 67	0 00 00	96 00 0	100 87	0 0 9 0 0	- - - 99	000 59	0 13 08	95 05 0	144 77	0 0 9 0 0	- - - 66	+ 5	+ 13	10.6	4 0	14 7	19
	Sialkot	000 58	0 00 00	97 00 0	099 99	0 0 9 0 0	- - - 96	000 58	0 12 02	97 00 0	149 73	0 0 9 0 0	- - - 71	+ 4	+ 15	18 6	10.0	18.7	22
	Jhelum	000 61	1 00 00	96 03 0	106 90	1 1 7 0 0	- - - 96	000 67	0 00 00	96 00 0	149 71	0 0 9 0 0	- - - 62	—		16.5		26 9	—
	Rawalpindi	000 59	0 00 00	99 00 0	098 86	0 0 9 0 0	- - - 94	000 58	0 00 00	98 00 0	150 69	0 0 9 0 0	- - - 62	+ 5	+ 11	14 9	9.1	25.7	36
	Murree †	000 40	4 00 00	97 01 1	008 63	2 1 4 0 4	4 2 × 71	000 32	0 05 02	98 00 0	024 62	0 0 9 0 0	9 × × 56	+ 6	—	22.5	18 6	44.1	59
	Attock	××× ××	2 05 02	97 00 0	—	0 0 9 0 8	—	××× ××	1 32 02	97 01 0	— —	0 0 9 0 1	× ××			—	—	—	—
	Khushab	000 69	0 11 05	98 00 0	092 94	0 0 9 0 0	- - 95	000 57	0 07 05	98 00 0	140 74	0 0 9 0 0	- - - 70	+ 1	+ 12	3 0	- 7.8	8.0	15
	Montgomery	000 73	0 00 00	97 00 0	092 96	0 0 9 0 0	- - - 02	000 60	0 00 00	96 00 0	141 73	0 0 9 0 0	- - 64	+ 6	+ 7	2.5	5.0	6.1	10
	Leiah	000 64	0 05 02	97 00 0	098 96	0 0 9 0 0	- - - 97	000 60	0 00 00	97 00 0	138 66	0 0 9 0 0	- - 64			0.9	—	6 9	8
	Multan	000 64	0 00 00	97 00 0	097 96	0 0 9 0 0	- - - 99	000 59	0 00 00	96 00 0	148 73	0 0 9 0 0	- - - 69	+ 5	+ 12	8 8	1 2	6 9	7
	Khanpur	000 63	0 33 03	96 05 0	097 91	0 0 9 0 0	- - - 01	000 57	0 31 03	94 05 0	131 74	0 0 9 0 9	- - 67	+ 6	+ 10	0.3	4 5	1.9	6
	Bahawalpur	000 72	0 00 00	97 00 0	094 95	0 0 9 0 0	- - - 00	000 63	0 00 00	97 00 0	138 71	0 0 9 0 0	- - 66	+ 6	+ 10	1.9	3.4	5 0	6
	Fort Abbas	000 87	0 23 02	96 00 0	091 98	0 0 9 0 0	0 × × 02	000 64	0 23 02	96 00 0	131 77	0 0 9 0 0	0 × × 67		—	2.8		8.7	8
N. W. F. P.	Drosh *	008 45	8 07 09	95 95 9	047 61	6 3 5	8 × 9 69	034 51	8 00 00	95 63 9	100 56	- 9 4 -	9 × × 55	- 7		2.1	—	22.4	18
	Chakdara	000 57	0 05 02	99 00 0	094 88	0 0 9 0 0	91	000 47	0 16 03	98 00 0	160 59	0 0 9 0 0	64		—	0 6	—	18.8	—
	Cherat *	000 50	1 18 05	97 01 0	010 77	0 0 9 0 1	0 × × 83	000 51	0 31 05	97 00 0	089 69	0 0 9 0 0	- - - 63	+ 7	—	6.7	- 5 7	28.8	29
	Peshawar	000 60	5 05 02	96 08 1	103 80	4 9 6 2 0	2 7 0 91	000 50	1 20 03	96 02 1	160 76	0 0 9 3 1	67	+ 4	+ 12	1.4	- 2.9	9.1	14
	Parachinar	004 49	7 05 02	99 93 9	004 61	3 2 6 6 6	5 9 9 76	004 48	7 00 00	99 01 1	022 59	1 1 8 6 6	2 0 0 54	+ 2	—	10 5	—	28.0	29
	Miranshah	000 48	5 11 03	98 03 1	026 82	5 4 6 4 0	- - - 86	000 48	3 00 00	98 02 1	025 67	0 0 9 0 2	- - 62	—	—	3.6	1 2	10 5	13
	Bannu	000 49	3 05 08	98 08 0	096 92	0 0 9 3 0	- - - 95	000 52	0 30 03	99 00 0	150 74	0 0 9 0 0	- - - 69	—	—	6.9		5.2	11
	D. I. Khan	000 59	0 00 00	99 00 0	094 94	0 0 9 0 0	- - - 94	000 55	0 00 00	96 00 0	146 67	0 0 9 0 0	- - - 62	+ 1	+ 7	1 1	- 4.4	3.8	9
	Wana																		11
	Landikotal	000 46	6 05 03	98 95 9	093 79	6 7 5 0 9	- - - 83	000 46	3 00 00	98 82 9	034 65	2 0 0 4 0	- - × 57		—	2.4	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall																		—
BALUCHISTAN	Fort Sandeman	000 35	2 18 10	96 01 1	969 84	0 0 9 4 0	2 × × 87	000 39	0 00 00	96 05 0	025 65	0 0 9 0 0	- - - 69	+ 5	+ 9	4.1	- 1.0	10 0	11
	Hindubagh	000 39	4 29 12	97 02 1	978 76	4 9 7 9 0	7 × × 79	000 36	0 23 09	97 00 0	018 67	0 0 9 0 0	- - - 46	—	—	0.2	—	8.5	—
	Loralai	000 44	5 23 09	96 03 0	990 77	5 4 5 0 0	- - - 91	000 43	0 00 00	96 00 1	041 55	0 0 9 0 0	- - - 47	—	—	1.7	—	8.1	—
	Harnai (a)	000 ××	1 27 05	95 01 0	— —	0 0 9 0 1	- - - —	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —			2.0	- 5.7	10.6	14
	Sibi	000 43	1 13 05	99 08 9	981 99	1 1 7 0 0	- - - 00	000 45	0 00 00	97 00 0	134 71	0 0 9 0 0	67	—	—	2.2	—	3.8	5
	Quetta †	000 51	2 16 03	99 02 0	984 76	0 0 9 3 0	- - - 80	000 46	0 20 03	99 01 2	003 64	0 0 9 4 5	9 0 0 58			0.8	- 0.3	0.3	9
	Chaman	000 44	6 23 03	97 02 1	970 79	0 0 9 4 0	4 0 5 87	000 41	5 13 03	97 01 1	018 73	0 0 9 8 0	9 × 9 71	+ 8	+ 22	0	0.8	9.6	8
	Nushki	000 50	3 31 09	97 03 1	028 89	0 0 9 8 0	4 0 9 93	000 49	2 09 09	97 01 1	067 80	0 0 9 3 0	9 0 9 74			0	—	5 5	—
	Dalbandin *	000 47	4 00 00	96 01 1	071 90	4 1 7 0 0	93	000 40	4 00 00	96 03 1	000 65	4 1 7 0 0	61	+ 6	+ 13	0	- 0.3	1.3	4
	Nokkundi	000 81	4 09 02	99 03 1	033 94	0 0 9 0 0	9 0 × 97	000 46	6 06 02	99 03 1	106 74	0 0 9 4 5	9 0 0 69	—	—	0	—	0.0	2
	Kalat †	000 56	8 00 00	98 03 1	994 69	0 0 9 0 4	7 4 0 78	000 87	0 00 03	96 00 0	017 57	0 0 9 0 0	46	+ 4	+ 11	0.8	- 0.5	4 7	7
	Turbat							000 72	3 24 02	96 01 0	147 75	0 0 9 0 1	3 × 0 71			0	—	1.4	—
	Panjgur *	000 33	0 27 03	97 00 0	087 89	0 0 9 0 0	- - - 91							+ 9					5
	Las Bela																		8
	Ormara	000 65	0 27 09	96 00 0	095 83	0 0 9 0 0	- - - 83	000 71	0 27 02	95 10 0	135 73	0 0 9 0 0	- - - 73	—	—	0.3	—	3 0	8
	Pasni	000 74	0 23 07	98 00 0	096 68	0 0 9 0 0	- - - 87	000 71	0 31 03	96 00 0	137 73	0 0 9 0 0	- - 65	5	—	0	- 0 9	2.2	6
	Jiwani																		4
SIND	Reti	000 37	0 16 02	96 00 0	095 90	0 0 9 0 0	- - - 01	000 52	0 09 00	94 00 0	144 67	0 0 9 0 0	- - - 64	—	—	1.7	—	2.3	
	Jacobabad	000 32	0 13 05	97 00 0	089 95	0 0 9 0 0	- - - 99	000 54	0 13 02	97 00 0	130 73	0 0 9 0 0	- - - 60	+ 2	+ 10	0.2	- 2 1	0.7	4
	Sukkur	000 61	0 ×× ××	96 00 0	082 97	0 0 9 0 0	- - - 99	000 64	0 ×× ××	96 00 0	188 71	0 0 9 0 0	- - - 67			0.5	—	1.0	4
	Pad Idan	000 65	0 11 02	98 00 0	085 94	0 0 9 0 0	- - - 95	000 68	0 00 09	98 00 0	180 68	0 0 9 0 0	- - 67	—	—	0.8	—	0.0	
	Karachi (Manora)	000 78	0 25 09	98 00 0	099 82	0 0 9 0 0	- - - 83	000 71	0 00 00	97 00 0	135 74	0 0 9 0 0	- - - 72	- 5	+ 3	1 5	- 4.5	1 6	3
	Karachi (A. P.)	000 75	0 25 12	97 00 1	099 84	0 0 9 0 0	- - - 90	000 66	0 09 00	96 00 4	135 67	0 0 9 0 0	- - - 65	—	—	2.9	—	3.0	
	Badin																		
	Nagarparkar																		9
	Chhor (Umarkot)	000 71	0 25 07	97 00 0	083 96	0 0 9 0 0	- - - 99	000 72	0 00 00	97 00 0	128 72	0 0 9 0 0	- - - 67	—	—	2.3	—	2.3	
	Hyderabad	000 68	0 23 05	97 00 0	089 93	0 0 9 0 0	- - - 97	000 68	0 00 00	98 00 0	129 67	0 0 9 0 0	- - - 62	- 1	- 4	1.3	- 4.3	2.0	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	050 41	6 07 05	98 01 1	025 71	1 1 8 0 5	- - - 75	081 46	8 24 02	98 03 6	032 61	- 8 7 8 - -	0 - - 47	—	—	0.7	—	13.0	13
	Jalalabad	080 65	6 18 02	96 08 1	997 88	0 0 9 1 0	3 × 9 91	000 59	5 00 00	97 01 1	003 72	0 0 9 8 8	2 9 × 45	—	—	0.5	—	6.9	—
	Kandahar	080 67	1 00 00	98 01 1	985 80	0 0 9 0 9	- × - 93							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 26TH OCTOBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_SD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_SD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sind	Charbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jacob	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Mastung	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 74	3 18 02	97 01 0	087 80	2 2 × 0 0	- - - 90	000 69	3 31 02	96 01 0	115 87	0 0 9 0 8	- - - xx	0	—	0	—	3.3	4
	Sharjah	— xx	0 31 10	97 00 0	126 83	9 0 9 0 0	- - - 82	000 xx	0 27 07	97 00 0	150 78	0 0 9 0 0	- - - 59	—	—	0	—	—	4
	Kuwait																	1.5	5

* Barometer readings reduced to ½ geodynamic Kilometre (2,850-2,855 feet according to latitude.
† Barometer readings reduced to ½ geodynamic Kilometre (5,699-5,710 feet according to latitude.
†† Barometer readings reduced to ½ geodynamic Kilometre (10,649,-10, 969 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	1$d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalakrishna	53 226	693 03	0 05 04	98 09 0	140 78	00 9 00	—	—	—	—
Kampala	53 121	791 06	2 02 06	99 02 0	118 84	21 7 00	1 5 000	—	0 51 78	1 01 22
Makalla	53 093	685 05	3 01 05	98 01 0	117 86	31 5 00	3 4 300	—	0 00 74	1 01 28
Tomari	53 228	645 06	2 26 06	98 02 0	140 82	21 4 00	3 4 117	—	0 51 76	1 26 20
Ocean	53 229	645 06	2 27 07	99 02 0	141 81	21 6 00	1 4 110	—	0 51 70	1 27 21
Kampala	53 121	111 12	2 01 07	99 02 0	054 84	21 7 00	1 5 010	—	0 51 78	1 00 23
Kampala	53 142	722 18	0 00 00	93 03 0	106 84	00 9 00	1 5 110	—	0 61 78	1 00 xx
Tomari	53 218	659 18	0 00 00	95 02 0	123 81	00 9 08	3 4 111	—	0 53 77	1 00 x0
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc:	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc:
1	2	3	4	5	6	7	8	9	10	11
Karachi ...	780 14	009 27	273 33	000 31	272 31	854 99	225 01	700 39	105 03	509 20

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	569 90	555 55	349 00	250 29	678 00	175 17	456 00	036 20	494 00	659 07	813 50	739 07	883 59	759 91	

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8	9	10	11
1	2	3	4	5	6	7	8	9	10	11	
Bogra	07 07	05 03	03 05	05 03	22 04	25 05	26 17	29 20	29 27	—	
Dhaka	19 08	19 12	18 10	19 07	23 06	15 08	16 08	18 13	26 25	—	
Chittagong	21 12	20 12	20 17	15 19	15 09	19 09	28 17	—	—	—	
Cox's Bazar	18 12	16 10	19 10	14 18	18 18	—	—	—	—	—	
Dacca	34 01	29 01	24 01	20 07	19 07	24 67	26 15	30 20	—	—	
Balbandir	—	—	15 03	14 12	16 09	14 09	—	—	—	—	
Drosh	—	—	—	—	06 06	19 05	20 17	22 28	—	—	
Fort Sandeman	—	—	—	04 01	26 09	19 05	15 16	—	—	—	
Jacobabad	15 08	15 08	16 07	12 12	11 12	10 04	17 11	11 10	—	—	
Sibi	13 01	14 05	15 05	20 01	20 05	28 03	28 03	27 10	27 21	24 47	
Swabi	—	—	—	—	—	—	—	—	—	—	
Karachi	27 11	27 06	23 02	26 12	26 12	21 10	20 12	26 18	24 29	25 55	
Khanpur	25 03	20 03	16 08	12 09	14 18	18 08	23 13	21 20	22 29	—	
Lahore	12 03	14 05	14 07	21 07	24 07	26 06	25 11	28 25	—	—	
Multan	35 05	34 04	25 05	25 05	22 07	19 09	26 07	21 13	—	—	
Peshawar	...	04 04	14 01	18 02	15 05	20 06	24 15	24 25	25 43	26 49	
Quetta					18 31	19 04	18 18	—	—	—	
Bushire											
Shaiar	—	—	—	—	—	—	—	—	—	—	

STATION	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	4	5	6	7	8
1	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	09 06	09 05	—	—		—	13 07		—	—	—			
Dhaka	—	—	—	—	—	—	26 05	03 03	18 07	15 18	18 23	18 18	18 11	—
Chittagong	06 09	08 18	11 18	—	—	—	26 05	26 06	02 04	01 10	03 18	07 19	00 11	—
Cox's Bazar	13 11	12 18	18 19	18 21	13 22	—	11 06	11 07	18 10	12 13	11 13	21 18	22 11	—
Dacca	19 08	21 05	27 03	18 04	21 02	21 08	12 04	13 04	11 06	12 18	20 08	20 14	26 16	—
Balbandir	—	—		15 11	18 12	18 09			25 01	29 13	17 14	17 14	—	—
Drosh	—	—	—	06 08	04 15	01 15	—	—		—	05 13		—	—
Fort Sandeman	No	ascnt	—	—	—	—				17 06	11 14	20 21	27 27	—
Jacobabad	34 02	26 03	12 09	14 12	14 15	15 06	05 02	25 01	22 04	14 10	16 19	14 16	30 18	—
Sibi	02 01	29 01	30 02	32 05	29 18	35 06	09 03	24 03	30 03	21 08	28 07	24 06	32 03	28 14
Swabi	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 15	27 08	29 04	18 05	19 12	—	22 12	24 08	17 08	17 08	18 06	20 08	18 11	19 17
Khanpur	10 06	11 03	15 07	15 11	19 10	19 06	10 07	11 03	15 04	15 07	18 07	15 11	17 04	—
Lahore	15 10	17 06	25 06	29 10	29 11	33 11	15 10	17 09	19 04	21 03	28 07	21 07	21 04	26 17
Multan	30 04	27 07	27 11	27 07	28 05	09 02	23 04	19 04	19 04	20 06	24 04	28 06	28 13	26 20
Peshawar	—	—	—	—			—	24 03	33 01	23 08	13 03	15 04	22 13	19 08
Quetta	—	—	—	—	—	—	—	—	—	—	14 10	17 15	10 07	—
Bushire	—	—	—	—	—	—					—	—	—	—
Shaiar	—	—	—	—	—	—	—	—	—	—	—	—	—	—

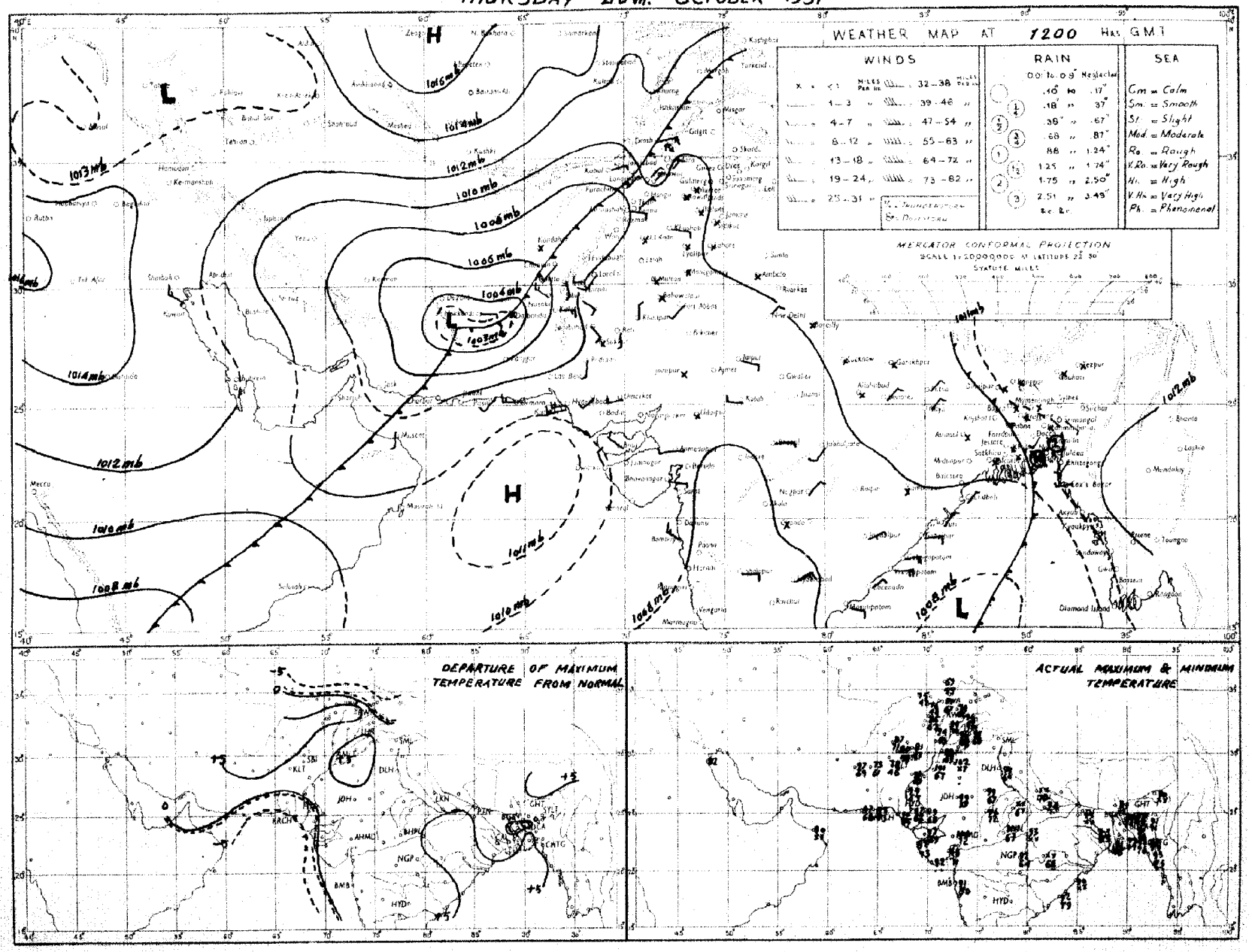
Cloud Observation Data (iiiGG Cddv, v,)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.5, 2.1, 3.0 4.0 5.0, 7.0, and 9.0 km. The levels given at the same of the columns are the nearest equivalent levels in thousands

S P. W.

PAKISTAN DAILY WEATHER MAP

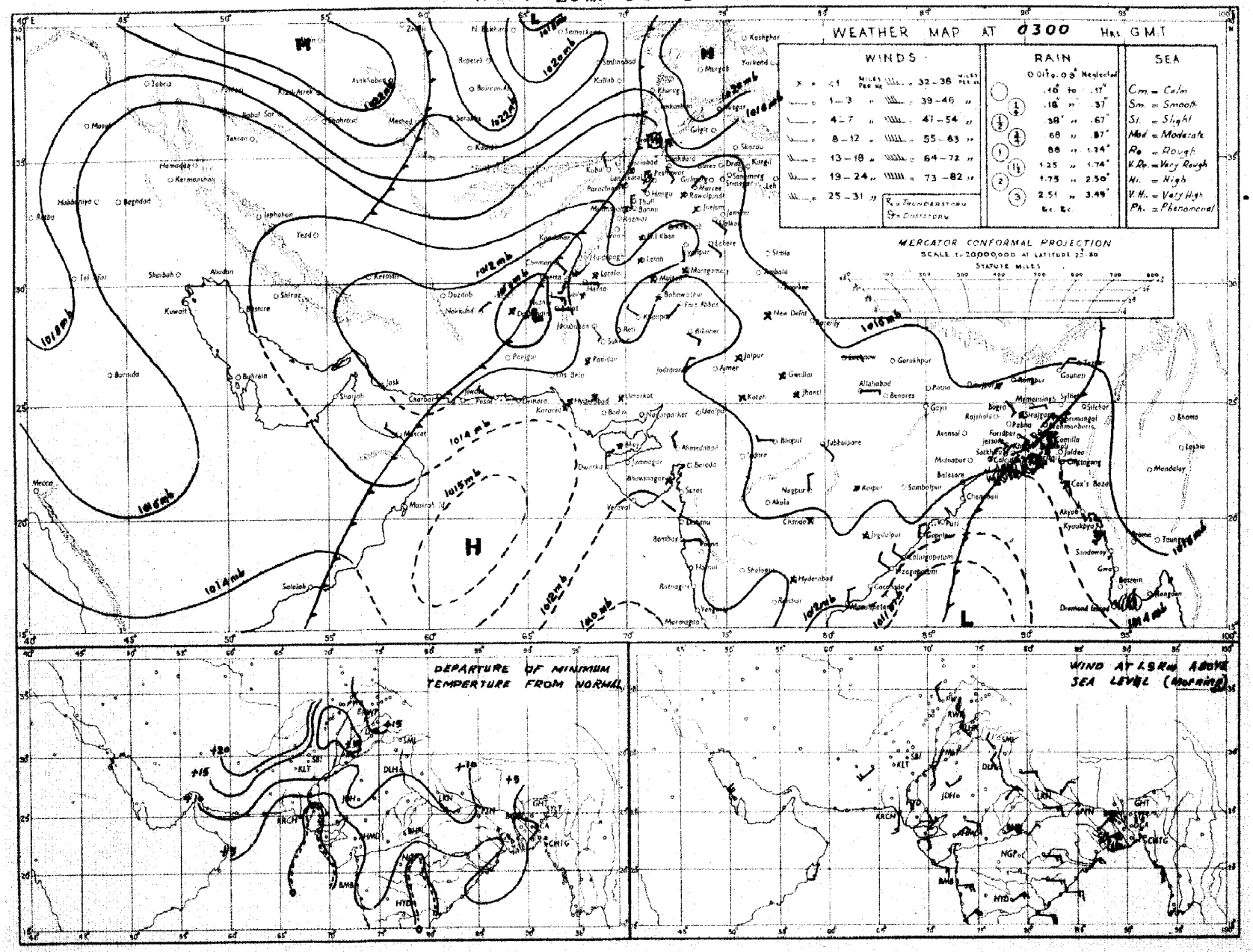
THURSDAY 25th. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 26th. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 27TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's western disturbance continues affecting the North-West Frontier Province and Kashmir and is likely to move eastnorth-eastwards. Its secondary is approaching north Baluchistan.

The trough of low in southeast Bay has become more marked.

Local rain has occurred in East Pakistan and scattered in the upper North-West Frontier Province. Mymensingh and Srimangal reported ½" of rain each.

Night temperatures were markedly to considerably above normal in West Pakistan outside south Baluchistan and lower Sind.

Forecast valid until the evening of 28th:—Local rain/thundershowers will occur in East Pakistan, the North-West Frontier Province, Kashmir and the extreme north Punjab. Scattered dust/thunderstorms will also occur in north Baluchistan and dust haze in south Baluchistan. Morning mist/fog also likely along coast north Arabian Sea.

Karachi-11.
The 27th October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			Annual normal
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_HD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_HD_MT_nT_n$	T_xT_x	T_nT_n	Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 75	7 00 00	96 03 1	129 81	1 2 6 4 0	8 - × 89	000 75	6 00 00	97 03 1	158 84	2 8 6 4 0	8 × 0 74	+3	+3	111 8	-3 9	121 5	140
	Chittagong	003 76	7 00 00	96 03 6	126 80	5 3 5 7 0	3 - 9 87	003 74	6 05 02	97 02 1	161 84	5 0 7 7 9	0 9 9 74	+2	+3	104 5	+20 9	134 3	108
	Noakhali	003 76	6 18 05	95 01 1	××× 84	2 8 4 4 8	- - - 86	003 75	5 00 00	96 01 1	××× 77	2 1 4 1 0	- - - 77	+1	+7	—		—	115
	Comilla	000 80	7 13 02	98 03 1	110 84	7 4 7 0 0	- - - 85	000 73	7 13 05	98 03 0	165 80	7 4 7 0 0	- - - 75	-1	+5	123 4	+54 1	130.8	94
	Brahmanbaria	000 76	5 00 00	97 03 1	120 85	6 4 5 0 0	- - - 91	000 74	6 09 02	97 01 1	167 83	3 5 5 0 0	- - - 75	—	—	61 8	-7 5	71 7	78
	Dacca	××× 76	7 00 00	96 03 6	118 81	3 8 6 5 0	6 × × 89	××× 68	6 09 02	97 03 2	164 83	6 8 4 0 0	9 × × 74	—		—		—	...
	Narayanganj	000 74	6 00 00	×× 03 2	113 84	6 0 6 7 -	- - × 90	015 77	2 09 02	94 51 1	159 79	1 5 5 4 0	9 0 × 77	+4	+5	69 9	+16 8	88 8	74
	Mymensingh	000 75	8 09 02	99 02 2	125 85	8 8 6 - -	- - - 86	037 75	0 09 02	99 00 6	177 82	0 0 9 0 0	4 × × 75	+1	+5	52 1	-16 9	60 3	91
	Srimangal	000 78	7 05 02	93 02 1	118 83	4 8 5 3 1	0 6 2 90	020 75	6 00 00	96 02 6	167 75	4 8 6 3 0	4 × 5 73	—	—	77 7	+12 4	104 8	98
	Khulna	000 74	2 13 02	97 00 0	131 83	2 8 8 0 0	- - - 88	000 75	4 13 03	97 01 0	169 84	4 8 8 0 0	- - - 77	+3	+7	45 0	-7 6	53 9	68
	Satkhira	000 84	7 13 02	97 03 1	114 87	4 4 7 6 0	- - × 88	000 79	6 13 02	97 03 1	155 85	5 4 7 6 0	- - - 77	+1	+9	34 8	-15 5	43 5	65
	Jessore	000 75	2 16 02	96 02 1	117 84	2 8 6 0 0	- - - 91												65
	Faridpur	000 77	3 00 00	96 02 6	117 80	2 4 7 8 0	3 - × 84	009 76	5 13 02	97 02 1	164 85	4 5 7 1 0	9 × × 75	0	+4	49 2	-2 2	55 5	71
	Barisal	000 75	2 16 02	97 01 1	122 82	1 2 6 2 0	- - × 87	000 77	7 05 02	98 03 1	164 84	4 2 5 5 6	- - - 77	+2	+6	62 9	+1 3	73 5	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 76	1 00 00	93 02 1	109 83	1 4 5 0 0	- - - 89	000 76	0 09 00	99 00 0	160 83	0 0 9 0 0	- - - 75	+4	+6	53 9	+4 4	63 9	64
	Bogra	000 78	3 00 00	96 01 1	127 85	1 1 8 7 0	- - × 88	004 75	1 09 02	96 01 6	165 85	1 1 8 0 0	8 × × 73	0	+4	37 4	-17 7	44 3	69
	Dinajpur	000 73	0 00 00	×× 00 0	125 83	0 0 9 0 0	- - - 91	000 74	0 00 00	97 00 0	171 83	0 0 9 0 0	- - - 73	+6	+6	44 3	-16 1	48 6	72
	Rangpur	000 ××	0 00 00	96 02 1	— —	5 0 9 0 0	- - - ××	000 ××	0 09 02	98 02 1	— —	0 0 9 0 0	- - - —		—	69 9	+2 7	79 2	84
KASHMIR	Srinagar †																		..
	Gulmarg †*																		—
	Sonamarg †*																		—
	Dras †																		...
	Leh †*																		—
	Skardu †																		—
	Gilgit *																		—
	Mirpur																		—
	Aliabad																		...
PUNJAB	Lyallpur	000 64	0 00 00	96 00 0	105 91	0 0 9 0 0	- - - 97	000 60	4 11 02	96 01 0	145 73	0 0 9 0 4	- - - 66	+9	+10	5 9	-3 3	10 2	12
	Lahore	000 70	0 00 00	96 00 0	118 87	0 0 9 0 0	- - - 98	000 61	4 00 00	95 15 0	— —	0 0 9 0 4	2 5 × 64	+8	+11	10 6	-4 0	14.7	19
	Sialkot	000 64	0 00 00	97 00 0	110 88	0 0 9 0 0	- - - 96	000 59	3 13 02	97 03 0	167 76	3 0 8 6 0	- - - 69	+8	+13	13 8	-10 0	18 7	32
	Jhelum	000 60	0 00 00	97 00 0	116 90	0 0 9 0 0	- - - 96	000 59	4 00 00	96 01 1	167 39	0 0 9 0 2	2 5 × 62	—		16 5		25 8	...
	Rawalpindi	000 56	0 00 00	99 00 0	111 85	0 0 9 0 0	- - - 95	000 51	4 00 00	97 01 1	160 68	0 0 9 2 0	- - - 60	+10	+9	14 0	-9 1	25 7	36
	Murree †	000 42	0 21 03	98 00 0	019 64	0 0 9 0 0	- - - 71	003 38	7 29 07	96 02 1	021 58	0 0 9 0 8	2 5 × 55	—	—	22.5	-14 6	14 1	59
	Attock	××× ××	0 09 65	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	2 05 05	96 00 0	— —	0 0 9 0 8	- - -					—	...
	Khushab	000 69	0 11 05	98 00 0	106 94	0 0 9 0 0	- - - 98	000 60	2 07 05	98 03 1	145 71	0 0 9 0 2	- - - 66	+8	+8	3 1	-7 3	8 0	15
	Montgomery	000 68	0 00 00	97 00 0	122 95	0 0 9 0 0	- - - 00	000 60	0 00 00	96 00 0	150 76	0 0 9 0 0	- - - 66	+9	+9	2.5	-5 0	6 1	10
	Leiah	000 64	0 13 02	97 00 0	107 97	0 0 9 0 0	- - - 99	000 59	0 00 00	97 00 0	143 74	0 0 9 0 0	- - - 64			0.9		6 9	8
	Multan	000 55	0 18 02	97 00 0	104 96	0 0 9 0 0	- - - 00	000 56	0 00 00	95 00 0	150 75	0 0 9 0 0	- - - 68	+10	+11	3 8	-1 2	6 9	7
	Khanpur	000 65	0 34 02	94 04 0	××× 96	0 0 9 0 0	- - - 03	000 59	3 31 02	94 04 1	140 72	0 0 9 0 5	4 9 × 64	+11	+7	0 3	—	1 9	6
	Bahawalpur	000 72	0 00 00	97 00 0	105 93	0 0 9 0 0	- - - 99	000 61	0 00 00	97 00 0	139 79	0 0 9 0 0	0 0 0 70	+8	+14	1 9	-2 4	5 0	6
	Fort Abbas	000 87	0 23 03	96 00 0	091 98	0 0 9 0 0	- - - 01	000 64	0 23 02	96 00 0	129 78	0 0 9 0 0	0 × × 64		—	2.8		3 7	[illegible]
N. W. F. P.	Drosh *	002 42	7 07 02	98 03 6	031 67	2 5 6 2 4	8 6 9 60	002 47	4 00 00	98 01 1	××× 55	0 0 9 3 1	- - - 54	—		2.1		22 4	18
	Chakdara	000 56	0 02 05	99 00 0	096 85	0 0 9 0 0	- - - 01	000 46	0 18 07	93 00 0	168 65	0 0 9 0 0	- - - 58		—	6 5	—	18 8	...
	Cherat *	000 59	0 18 05	97 00 0	023 77	0 0 9 0 0	- - - 89	000 48	1 18 04	97 01 0	045 68	0 0 9 0 1	0 4 × 60		—	6 7	-5 8	28 8	29
	Peshawar	000 56	2 00 00	96 02 1	103 86	1 1 7 6 0	1 4 5 93	000 58	2 00 00	96 01 1	155 70	0 0 9 1 1	- - - 64	+10	+9	1.8	-2 9	9 1	14
	Parachinar	000 36	× 13 02	96 02 2	013 72	2 4 7 6 0	5 × 7 77	004 42	2 27 00	99 01 1	023 60	1 1 8 6 0	2 × 8 53	—		10 5		28 0	29
	Miranshah	000 43	3 07 05	93 02 1	007 85	3 0 8 3 0	- - - 88	000 44	4 00 00	98 02 0	024 66	4 0 8 3 4	- - - 60			3 6	-1 2	10 5	13
	Bannu	000 59	0 09 02	99 00 0	107 64	0 0 9 0 0	- - - 94	000 52	4 29 02	96 03 0	156 71	0 0 9 0 3	- - - 66	-1		0 9		5 8	11
	D. I. Khan	000 65	0 00 00	96 00 0	108 92	0 0 9 0 0	- - - 93	000 52	0 00 00	96 00 0	135 65	0 0 9 0 0	- - - 62	+4	+7	1 1	-4 4	2 3	9
	Wana																		11
	Landikotal	000 45	2 13 03	98 02 1	002 80	2 4 6 0 0	- - - 88	000 45	0 00 00	99 00 0	028 64	0 0 9 0 0	57		-	2 4		12.0	-
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - -	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	—				—		...
	Thall																		—
BALUCHISTAN	Fort Sandeman	000 28	0 18 14	96 05 0	020 81	0 0 9 0 0	- - - 84	000 40	6 00 00	95 02 1	070 62	0 0 9 0 1	1 × × 58	+5	+8	4 1	-1 0	10 0	11
	Hindubagh	000 36	1 31 09	97 01 1	988 74	0 0 9 3 0	2 × 0 79	000 34	1 23 09	97 03 0	025 53	0 0 9 0 2	3 0 × 42			0 2		8.5	...
	Loralai	000 55	0 13 05	96 00 0	004 75	0 0 9 0 0	- - - 79	000 49	6 00 00	97 03 0	046 56	× × × × ×	- - - 48			1 7	—	8 1	...
	Harnai	000 ××	0 27 02	96 00 0	—	0 0 0 0 0	- - - --	000 ××	5 36 09	94 03 0	—	5 2 8 2 0	- - - —			2 0	-5 7	10 6	14
	Sibi	000 32	0 23 05	99 00 0	096 98	0 0 9 0 0	- - - 00	000 44	6 00 00	98 03 1	135 71	6 4 7 0 0	- - - 68			2 2		3 8	5
	Quetta †	000 23	0 18 05	99 00 3	992 73	0 0 9 0 0	4 × × 77	000 33	0 18 02	99 00 0	011 61	0 0 9 0 0	- - - 49			0 8	-0 3	9 3	9
	Chaman	000 32	0 13 05	97 00 0	979 81	0 0 9 0 0	- - - 86	000 44	0 13 03	97 00 0	031 71	0 0 9 0 0	- - - 65	+10	+16	0	-0 3	9 6	8
	Nushki	000 55	0 20 16	97 00 0	034 89	0 0 9 0 0	- - - 92	000 42	0 09 09	96 00 0	071 74	0 0 9 0 0	- - - 71		—	0		5 5	...
	Dalbandin *	000 37	0 16 07	96 06 1	983 88	0 0 9 0 0	- - - 89	000 44	0 00 00	98 00 0	015 65	0 0 9 0 0	- - - 60	+4	+12	0	-0 3	1 8	4
	Nokkundi	000 59	6 11 02	99 03 1	048 91	2 2 5 2 3	9 0 0 92	000 42	1 20 02	96 01 1	134 70	0 0 9 0 1	9 0 × 67			0		1.0	2
	Kalat †	000 51	0 13 05	98 00 0	002 71	0 0 9 0 0	- - - 74	000 43	0 18 05	98 00 0	020 50	0 0 9 0 0	- - - 46	+5	+11	0 8	-0 5	4.7	7
	Turbat	000 74	× 20 02	97 01 1	104 93	0 0 9 2 9	4 0 × 96	000 66	0 00 00	92 07 0	××× 77	0 0 9 0 0	- - - 75			0	—	1.4	...
	Panjgur *	000 29	0 23 10	97 00 0	983 85	0 0 9 0 0	- - - 86	000 45	0 36 02	97 00 0	024 63	0 0 9 0 0	- - - 56	+2	+3	0	—	3 2	5
	Las Bela																		8
	Ormara	000 67	0 27 05	96 00 0	108 82	0 0 9 0 0	- - - 83	000 58	0 00 00	97 00 0	144 73	0 0 9 0 0	- - - 71	—	—	0 3	—	3 1	6
	Pasni	000 72	0 23 07	98 00 0	111 85	0 0 9 0 0	× 2 2 87	000 69	0 27 03	96 00 0	133 72	0 0 9 0 0	- - - 67	-3	+2	0	-0 0	3.2	6
	Jiwani																		4
SIND	Reti	000 62	0 23 02	96 00 0	110 00	0 0 9 0 0	- - - 03	000 55	0 00 00	96 00 0	146 83	0 0 9 0 0	- - - 66			1 7		2 2	—
	Jacobabad	000 48	0 18 05	97 00 0	108 97	0 0 9 0 0	- - - 99	000 49	7 13 02	97 03 1	140 78	0 0 9 3 6	- - - 69	+6	+10	0 2	-2 1	0 7	4
	Sukkur	000 59	0 29 ××	98 00 0	101 94	0 0 9 0 0	- - - 02	000 59	6 ×× ××	96 03 1	133 72	0 0 9 0 9	4 6 × 69		—	0 5	—	1 0	4
	Pad Idan	000 59	0 00 00	98 00 0	100 97	0 9 9 0 0	- - - 99	000 69	× 00 09	98 01 1	137 73	0 0 9 0 8	- - - 68	—	—	0 8	-	0 9	—
	Karachi (Manora)	000 73	0 25 09	99 00 0	108 79	0 0 9 0 0	× 0 1 83	000 71	6 00 00	96 61 2	142 74	0 0 9 7 0	0 × 9 73	-4	+4	1 5	-4 5	1 6	3
	Karachi (A. P.)	000 70	0 23 10	98 00 0	105 88	0 0 9 0 0	- - - 95	000 63	6 00 00	97 31 1	146 67	0 0 9 7 0	- - - 65		—	2 0		3 0	...
	Badin																		9
	Nagarparkar																		
	Chhor (Umarkot)	000 74	0 31 03	97 00 0	090 94	0 0 9 0 0	- - - 97	000 65	0 00 00	97 00 0	128 76	0 0 9 0 0	- - - 69	—	—	2 3	—	2 3	...
	Hyderabad	000 55	0 09 00	97 00 0	104 95	0 0 9 0 0	- - - 99	000 61	4 00 00	96 03 1	138 74	0 0 9 0 2	- - - 68	+4	+2	1 8	-4 3	2 0	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 ××	6 07 03	98 17 8	015 66	4 7 8 4 1	6 0 0 73	000 57	1 00 00	97 01 1	006 68	0 0 9 7 0	2 × 9 61	—	—	0 5	—	6 9	12
	Jalalabad													—					...
	Kandahar	000 55	1 05 05	98 01 5	952 76	0 0 9 4 0	3 × 9 86												...

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 27TH OCTOBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_MC_s$	$W_tD_sD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_MC_s$	$W_tD_sD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall. Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
3	7	3	4	5	6			9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar																		
	Jask																		
	Masnee																		
	Bushire																		
Arabia	Muscat	000 67	8 27 09	96 02 5	125 82	0 8 9 0 0	0 0 2 90	003 63	0 27 05	97 00 0	152 84	0 0 9 0 0	- - - ××	+ 2	—	—	—	3 4	
	Shariar																		
	Kuwait	000 ××	0 31 09	97 00 0	141 81	0 0 9 0 0	× 0 × 81	—	—	—	—	—	—	—	—	—	—	—	

* Barometer readings reduced to 1 geodynamic Kilometre 3,350-3,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,712 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,068 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_t hC_M C_s	D_s v_s app	8 N_s Ch_s h_s	0 T_s T_s T_d T_d	$1d_w$ d_w P_w H_w
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mohammedi	63 067	775 12	2 18 02	97 02 1	085 90	00 9 01	—	—	—	—
Tomari	63 203	693 12	0 32 09	98 02 0	105 82	00 9 00	3 4 606	—	0 02 73	1 32 22
Tomari	63 208	683 06	0 02 13	98 02 0	136 82	00 9 00	3 4 003	—	0 51 75	1 02 21
Wilerinys	63 079	719 06	3 00 00	98 01 0	114 82	11 3 50	6 6 309	—	0 52 75	1 00 ×0
Williamruys	63 082	702 12	2 00 00	98 15 1	083 84	23 3 00	6 6 613	—	0 00 73	1 00 ×0
Jalaganga	63 221	689 12	2 32 09	98 03 0	101 82	00 9 02	3 4 900	—	0 03 72	1 31 21
Tomari	63 198	706 18	0 00 00	98 02 0	122 84	00 9 00	3 4 009	—	0 50 87	1 32 21
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 14	008 27	228 60	000 31	272 04	854 97	200 25	700 33	086 22	509 20

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	569 94	301 69	819 91	555 55	339 00	220 50	673 00	175 03	456 00	019 97	545 77	009 90	484 00	669 90	813 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	7	8	9	10	11
1	2	3	4	5	6	7	8	9	10	11	
Bores	09 02	07 03	02 02	08 25	18 08	23 07	—	—	—	—	—
Chor	03 01	02 07	07 07	14 09	11 09	16 15	16 16	17 17	20 22	—	—
Chittagong	29 04	27 04	21 03	13 06	13 07	—	—	—	—	—	—
Cox's Bazar	25 17	22 10	14 09	15 13	15 12	16 23	—	—	—	—	—
Dacca	18 04	20 02	21 02	15 02	21 04	22 15	—	—	—	—	—
Balbandir	—		19 04	16 04	16 05	15 10	18 09	18 17	—	—	—
Dinat		—			19 03	—	—	—		—	—
Port Bandeman	—			18 05	18 11	19 15	18 27	—			
Jacobabad	16 05	17 07	17 09	17 14	17 17	15 17	17 17	23 36	20 35	23 40	
Jhelum	11 04	10 02	17 02	31 07	31 07	32 02	23 11	24 24	25 32	—	
Jiwani											
Karachi	31 07	32 05	17 05	13 06	15 04	19 03	16 12	18 21	19 25	22 38	
Khanpur	17 01	13 02	14 06	15 10	15 10	15 08	16 06	18 08	—	—	
Lahore	07 01	01 03	28 02	29 05	32 07	34 04	25 08	25 19	25 35	26 35	
Multan	17 03	21 03	21 07	20 09	20 09	20 09	24 08	22 16	—		
Peshawar		10 01	17 02	21 03	23 04	18 07	20 12	23 27	24 39	24 56	
Quetta					15 20	12 12	18 13	—	—		
Bushire						—					
Shariar						—					

STATION	2100 hrs. G. M. T of previous day † Height in Thousands of Feet †† 12	13	14	15	16	17	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 18	19	20	21	22	23	24	25
1	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bores	11 07	17 04	19 01	14 02	29 04	26 09	17 02	12 01	11 02	09 08	10 04	19 05		
Chor							35 06	01 08	35 06	17 03	17 10	17 17	18 06	22 18
Chittagong	11 02	10 01	12 03	16 04	17 09	—	04 08	07 08	07 07	15 07	13 10	14 06		—
Cox's Bazar	23 05	03 03	23 01	17 07	19 10	18 08	05 05	05 04	03 03	27 03	19 04	18 08	17 13	27 10
Dacca	20 10	18 06	15 03	04 03	16 03	23 07	08 07	08 08	—	—	—	—		—
Balbandir	—	—	22 12	23 19	19 21	18 22			15 02	19 09	21 11	21 10	20 26	—
Dinat	—		—	calm	03 03	31 05	—	—		—	02 05	01 10	14 06	24 11
Port Bandeman				22 06	22 14	21 13				24 02	21 13	21 20	27 05	20 29
Jacobabad	29 07	23 09	21 10	19 06	18 12	21 06	03 06	34 04	28 05	24 03	21 11	17 13		
Jhelum	12 01	20 02	23 04	31 10	30 14	30 07	08 07	22 05	26 02	29 11	31 16	29 07	21 08	20 27
Jiwani														—
Karachi	25 08	21 03	09 01	36 05	34 04	27 10	30 09	29 06	25 07	32 01	31 04	29 08		—
Khanpur	05 07	13 05	16 06	14 07	15 04	16 10	10 10	34 01	10 03	29 05	19 11	29 11	18 12	21 25
Lahore	08 06	04 05	33 05	30 11	31 11	31 06	17 04	12 02	03 06	30 05	32 08	33 06	20 07	21 21
Multan	11 09	15 08	19 09	20 07	21 06	26 03	14 10	16 11	16 06	19 05	20 07	19 06	21 11	
Peshawar	—	35 06	06 01	20 03	21 06	19 08		33 04	33 06	18 03	12 06	13 34	29 10	24 19
Quetta			—	—	18 16	13 13	—	—	—		24 09	27 13	32 29	—
Bushire	—	—			—						—	—		—
Shariar												—		—

Cloud Observation Data (iiiGG Cddv. v.)

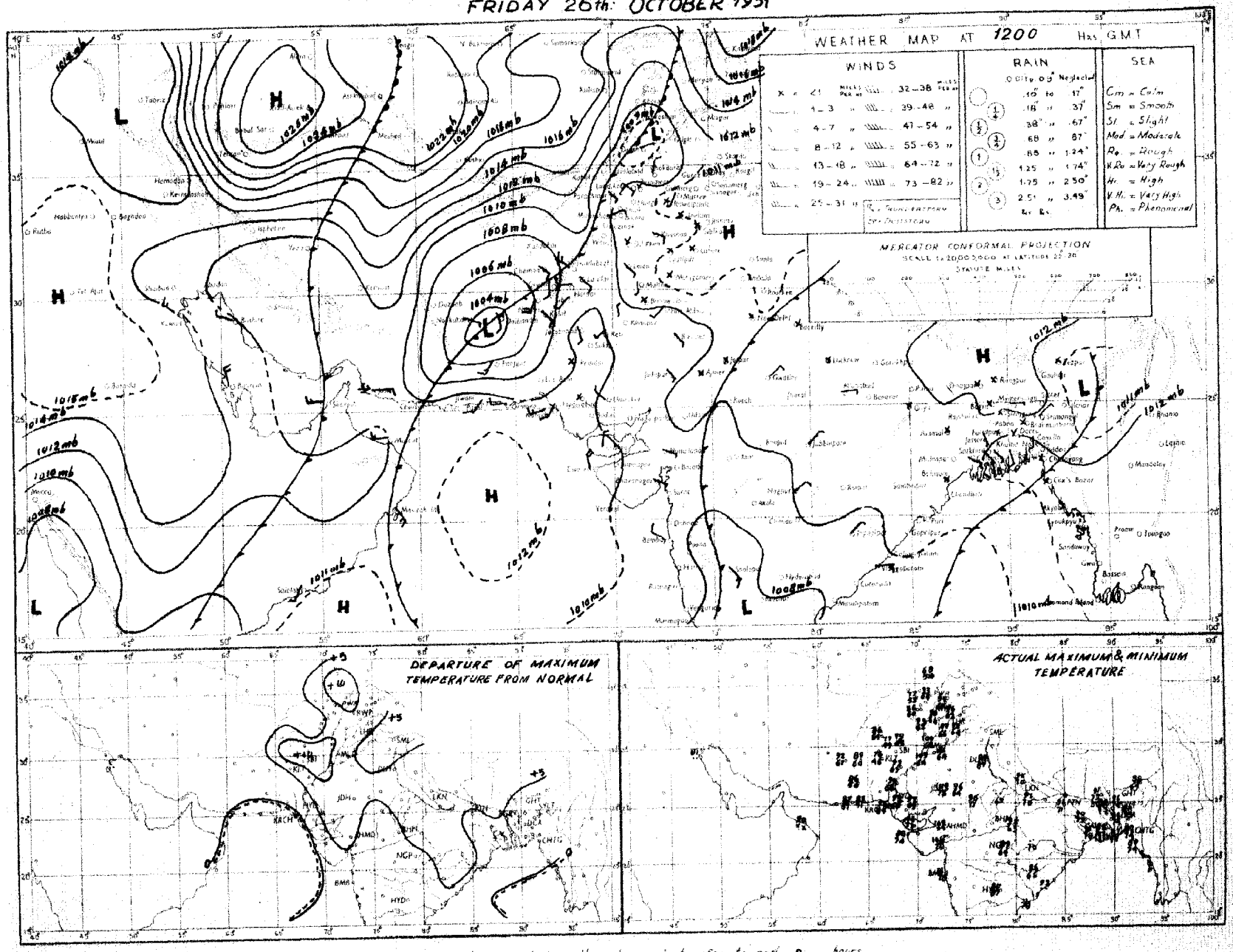
Multan 67602 12213

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are S.S. 9.6, S.S. 1.4, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are approximate equivalents in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

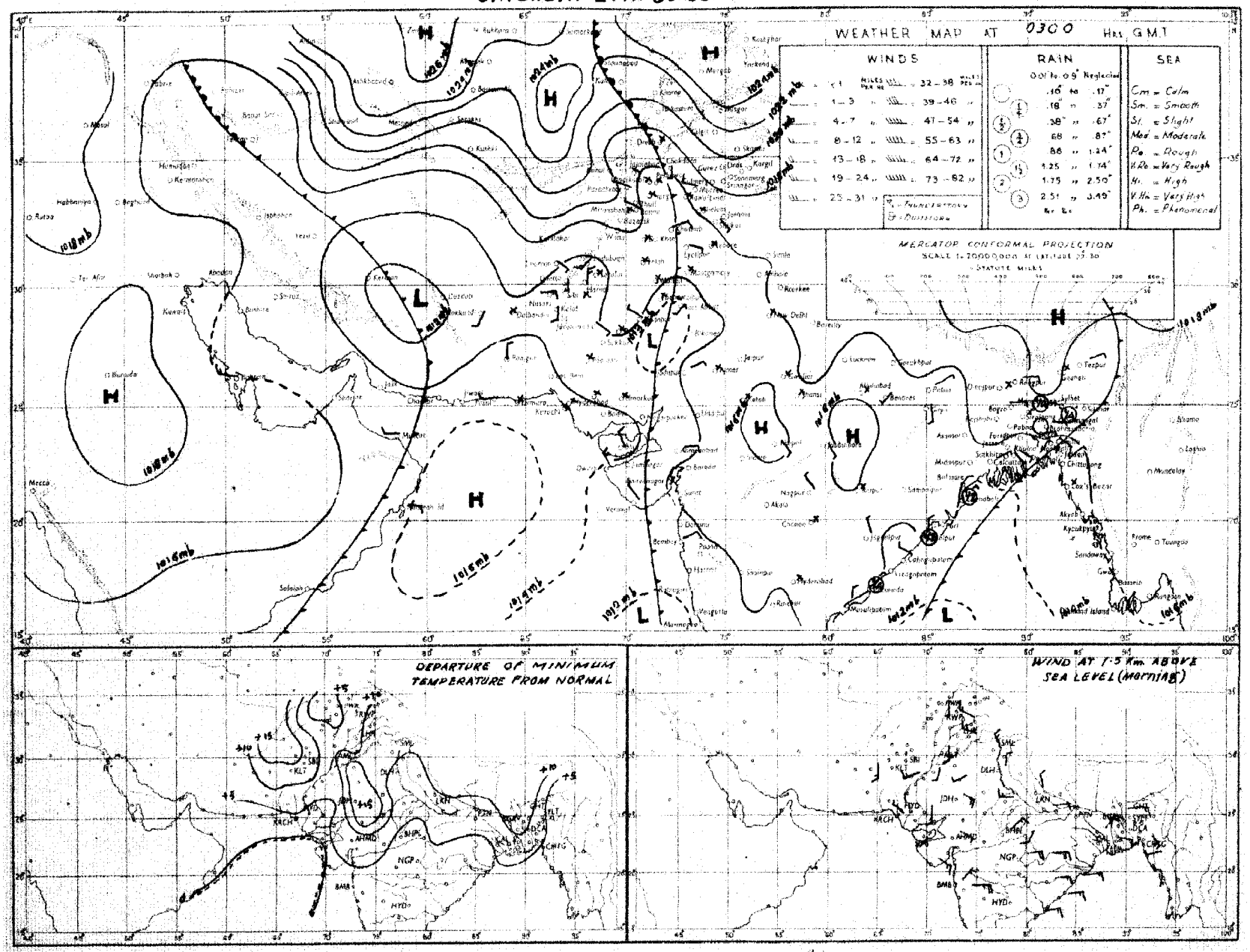
FRIDAY 26th: OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 27th: OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SUNDAY, THE 28TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance continues affecting the North-West Frontier Province and Kashmir. Its secondary lies over the plain of Punjab. The system is moving eastnortheastwards.

Another western disturbance is approaching Iraq.

Scattered rain/thundershowers have occurred in the North-West Frontier Province and scattered rain/drizzle in north Baluchistan and the Deltaic sub-division of East Pakistan. Hindubagh reported ½" of rain.

Night temperatures were markedly to considerably above normal over West Pakistan outside lower Sind and south Baluchistan.

Forecast valid until the evening of 29th :—Fairly widespread rain/thundershowers will occur in the upper North-West Frontier Province and Kashmir and local in the north Punjab and the lower North-West Frontier Province. Scattered rain/thunderstorms are likely along coast of East Pakistan. Weather will be hazy over Baluchistan.

Karachi-11.
The 28th October. 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTHTH	Departure from Normal Tx Tx	TH TH	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
East Pakistan	Cox's Bazar	000 76	5 00 00	96 02 1	125 80	1 2 6 4 0	8 - × 89	000 75	0 00 00	97 00 1	158 84	0 0 9 0 0	- - - 74	+ 3	+ 3	111 8	- 4 2	121 5	140
	Chittagong	000 76	3 31 02	96 02 1	118 83	3 0 7 7 9	- 9 9 89	000 74	2 07 02	97 02 1	157 86	0 0 9 5 0	0 × 9 75	+ 4	+ 4	104 5	+ 20 6	134 3	168
	Noakhali	000 75	2 00 00	96 03 1	××× 85	0 0 9 2 0	- - × 90							+ 5					115
	Comilla	000 79	2 36 02	98 01 1	128 85	2 1 7 0 0	- - - 85	000 76	1 00 00	98 01 1	163 84	1 1 7 0 0	- - - 76	- 1	+ 6	123 4	+ 15.9	130.8	94
	Brahmanbaria	000 76	0 00 00	97 00 1	124 85	0 0 9 0 0	- - - 88	000 75	0 31 02	97 00 1	165 85	0 0 9 0 0	- - - 76	—	—	61 8	+ 7 4	71.7	78
	Dacca	000 75	2 00 00	98 01 1	118 81	2 2 6 0 0	- - - 89	××× 76	1 00 00	98 03 1	159 85	1 8 5 0 0	- - - 74	—		—	—	—	—
	Narayanganj	000 76	1 00 00	×× 01 1	126 85	1 0 6 7 0	3 - × 90	000 74	1 07 02	96 01 0	152 85	1 0 6 3 0	9 × 0 75	+ 4	+ 3	69.9	+16 6	88 8	74
	Mymensingh	000 76	0 00 00	99 00 0	125 83	0 0 9 0 0	- - - 85	000 76	0 00 00	99 00 0	171 83	0 0 9 0 0	- - - 75	0	+ 5	52 1	- 17.1	60 3	91
	Srimangal	000 78	1 00 00	96 01 1	120 81	1 2 5 0 0	- - - 88	000 77	2 00 00	96 02 1	165 82	2 5 7 0 0	- - - 69	—	—	77 7	+ 2.2	104 8	98
	Khulna	000 75	6 00 00	96 03 0	128 81	6 2 8 2 0	- - × 87	000 76	0 00 00	97 00 0	167 83	0 0 9 0 0	- - - 76	+ 2	+ 6	45 9	- 7 6	53 9	68
	Satkhira	000 78	8 13 03	96 03 6	134 86	6 9 6 6 0	- - × 88	000 76	6 31 02	97 03 6	153 83	4 4 7 6 0	- - - 78	+ 1	+10	34 9	- 15 5	43 6	65
	Jessore	000 76	7 27 02	96 03 2	131 86	7 8 6 0 0	- - - 91	000 74	0 05 05	97 00 0	164 83	0 0 9 0 0	- - - ××			37 3	- 10 8	44.4	65
	Faridpur	000 76	4 00 00	95 02 1	123 82	3 4 7 1 0	- - × 84	000 75	1 00 00	97 01 0	163 84	1 4 7 0 0	- - - 74	0	+ 3	49 2	- 2 3	55 5	71
	Barisal	000 76	4 23 02	97 01 1	118 83	1 2 6 2 8	- × × 89	000 75	1 05 02	98 01 0	161 84	1 1 6 0 0	- - - 76	+ 4	+ 5	62 9	+ 1 0	72 5	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 77	2 00 00	96 03 1	129 93	1 4 6 0 0	- - - 89							+ 4					64
	Bogra	000 77	2 00 00	96 01 1	129 85	2 1 8 0 0	- - - 89	000 76	0 36 02	95 00 0	163 85	0 0 9 0 0	- - - 76	+ 4	+ 7	37.4	-17.7	44 3	69
	Dinajpur	000 78	0 00 00	×× 00 0	129 86	0 0 9 0 0	- - - 90							+ 5					72
	Rangpur	000 ××	0 05 02	96 02 1	— —	0 0 9 0 0	- - - ××	000 ××	0 09 02	98 00 1	— —	0 0 9 0 0	- - - —	-	—	69 9	+ 2 6	78 2	84
Kashmir	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Miegar																		—
	Abbad																		—
Punjab	Lyallpur	000 61	5 00 00	96 03 0	104 89	0 0 9 0 3	0 3 0 96	000 56	6 12 04	96 02 0	140 74	0 0 9 2 0	- - × 71	+ 8	+15	5 9	- 3 3	10 2	12
	Lahore	000 77	8 00 00	96 02 2	112 84	0 0 9 1 5	2 5 × 97	000 60	2 13 05	96 01 1	153 75	0 0 9 0 1	- × - 70	+ 7	+17	10 6	- 4 0	14 7	19
	Sialkot	000 67	8 00 00	97 03 2	117 81	8 2 6 - -	6 9 9 94	000 61	2 18 02	97 02 1	157 79	2 0 8 6 0	- - × 71	+ 6	+15	13 8	-10.0	18 7	32
	Jhelum	000 62	8 23 02	96 03 1	113 87	0 0 9 7 -	9 × 9 93	000 59	5 00 00	95 05 1	154 76	0 0 9 8 0	- - - 68	—		16.5	-	25 8	—
	Rawalpindi	000 57	5 00 00	99 02 2	099 84	5 4 7 0 0	3 × × 94	000 53	0 00 00	97 00 1	156 69	0 0 9 0 0	- - - 66	+ 9	+15	14 9	- 9.1	25 7	36
	Murree ‡	000 37	8 23 03	96 03 1	004 61	0 0 9 1 0	9 × 3 69	000 41	2 11 07	97 14 1	016 59	2 1 4 0 0	- - - 54			22.5	- 14 6	14 1	59
	Attock	××× ××	8 05 02	96 02 0	- —	0 0 9 7 2	- - - 72	××× ××	6 13 13	95 01 0	- - -	0 0 9 0 8	- × - ××	-		-	-	-	—
	Khushab	000 68	7 16 05	98 03 1	109 91	0 0 8 1 0	- - - 95	000 62	2 11 05	98 01 1	146 75	2 2 6 0 0	- - - 69	+ 5	+11	3 0	- 7.3	7 8	15
	Montgomery	000 68	7 00 00	96 02 1	106 92	0 0 9 0 5	- - - 99	000 56	2 18 05	96 02 1	146 80	0 0 9 7 0	9 - × 72	+ 8	+15	2.5	- 5 0	6.1	10
	Lyah	000 67	8 23 02	97 01 0	100 94	0 0 9 0 4	- - - 97	000 62	4 18 02	97 01 2	140 77	0 0 9 0 3	- × - 68			0.9	—	6 9	8
	Multan	000 63	8 00 00	95 01 1	105 91	0 0 9 1 0	- - - 98	000 55	4 36 02	96 01 1	139 77	0 0 9 7 0	- - × 74	+ 8	+17	3 8	- 1.2	0.9	7
	Khanpur	000 57	7 31 05	95 04 1	102 93	2 5 7 4 0	- - - 01	000 55	3 29 03	95 15 1	131 72	0 0 9 4 0	9 - 9 68	+ 9	+11	0 3	- 4.3	1.9	6
	Bahawalpur	000 69	4 00 00	97 03 1	099 93	0 0 9 0 2	- - - 01	000 63	2 09 03	97 03 1	125 73	0 0 9 0 8	- × - 69	+10	+13	1.9	- 2.4	5 0	6
	Fort Abbas	000 87	0 23 02	96 00 0	099 98	0 0 9 0 0	- - - 02	000 63	0 23 02	96 00 0	139 79	0 0 9 0 0	- - - 73		—	2.8		3 7	8
N. W. F. P.	Drosh *	000 28	4 23 14	98 01 1	096 74	2 1 7 3 1	8 6 9 79	016 47	8 00 00	94 95 0	049 59	6 7 2 5 3	- × × 52	—		2 3	—	22 5	18
	Chakdara	000 50	0 02 02	99 00 0	102 81	0 0 9 0 0	- - - 88	000 49	0 05 05	98 03 0	147 67	0 5 6 0 0	- - - 60			6 5	—	18 8	—
	Cherat *	000 48	7 16 10	97 03 1	013 75	0 0 9 0 7	6 6 × 82	000 54	6 18 00	97 03 5	012 66	0 0 9 6 0	- - × 59		—	6 7	- 5 8	28 8	29
	Peshawar	000 60	7 00 00	96 02 1	109 82	0 0 9 7 1	- - - 93	000 55	7 00 00	96 03 1	149 68	7 3 6 7 0	- - × 63	+10	+ 8	1.8	- 2 9	9 1	14
	Parachinar	000 53	6 13 02	96 02 1	010 68	2 4 7 8 0	5 × 7 75	003 44	8 18 02	99 02 2	013 54	4 2 3 6 6	2 9 9 52	—	-	10 5		22 1	29
	Miranshah	000 51	6 11 05	98 02 1	994 88	6 0 8 6 5	- - - 85	000 42	8 20 07	98 03 2	020 68	8 2 6 6 0	- - × 64	—	—	3.6	- 1 2	10 5	13
	Bannu	000 58	6 05 02	99 02 1	091 86	0 0 9 7 0	- - - 91	000 44	7 36 03	99 02 1	151 74	0 0 9 3 0	- - × 67	—	—	0 9		5 8	11
	D. I. Khan	000 57	9 31 02	95 03 0	097 90	0 0 9 7 0	0 0 6 99	000 55	0 00 00	96 00 0	133 69	0 0 9 0 0	- - - 60	+ 1	+ 5	1 1	- 4 4	2 3	9
	Wana																		11
	Landikotal	000 43	7 13 03	99 02 2	993 78	0 0 9 7 0	- - - 82	000 48	6 23 03	97 95 5	028 63	6 7 5 0 0	- - 63		—	3 4	—	12.0	..
	Kurram	××× ××	0 00 00	97 00 0	- —	0.0 9 0 0	- - -	××× ××	6 00 00	97 03 1	— —	0 0 9 2 0	- ×××	--	—	—	—	—	..
	Thall																		—
Baluchistan	Fort Sandeman	000 24	7 23 12	96 01 1	020 76	1 3 7 4 1	8 × × 92	000 41	3 00 00	95 01 5	027 64	0 0 9 4 0	8 - × 58	+13	+ 8	4 1	- 1 0	10 0	11
	Hindubagh	000 25	2 29 09	97 02 1	932 73	2 1 8 0 0	7 × × 76	044 45	1 00 00	97 01 1	017 50	1 1 8 0 0	3 - - 47	—	—	0 6	—	9 0	...
	Loralai	000 37	6 23 02	96 03 1	994 73	6 4 5 0 0	- - - 78	000 39	0 00 00	96 00 1	038 58	0 0 9 0 0	- - - 51	—	—	1 7	—	8.1	...
	Harnai (a)	000 ××	6 27 09	94 02 2	- —	0 2 8 4 0	- - - -	000 ××	0 27 05	96 00 0	— —	0 0 9 0 0	- - - ××	—	—	2 0	- 5.7	10 6	14
	Sibi	000 39	7 13 05	98 03 1	101 95	0 0 9 2 0	6 × 9 98	000 41	0 00 00	98 00 0	134 73	0 0 9 0 0	- - - 67	—	—	2 2	—	3 8	5
	Quetta †	000 37	6 16 02	98 03 2	984 71	0 0 9 5 0	7 × 0 71	013 48	0 00 00	97 44 5	013 52	0 0 9 0 0	- - - 43	-	-	0.9	- 0 2	9 4	9
	Nushki	000 44	6 21 03	97 03 2	016 74	0 0 9 2 0	4 0 9 82	000 45	0 07 02	97 00 0	050 60	0 0 9 0 0	- - - 52	+ 6	+ 3	0	- 0 3	9 6	8
	Kalat	000 34	6 21 06	97 03 1	047 82	0 0 9 4 0	3 0 9 85	000 46	0 07 16	95 00 0	090 68	0 0 9 0 0	- - - 58		—	0	-	5 5	...
	Dalbandin *	000 45	2 23 09	95 07 1	993 85	2 1 7 0 0	- - - 87	000 43	0 00 00	94 05 1	032 58	0 0 9 0 0	- - - 54	+ 2	+ 6	0	- 0 3	1 8	4
	Nokundi	000 61	2 29 02	99 03 1	080 87	0 0 9 0 5	9 0 × 89	000 39	0 29 02	99 00 0	163 65	0 0 9 0 0	- - - 60	—	—	0	-	1.0	2
	Zhob †	000 46	6 18 05	98 03 1	095 67	0 0 9 9 0	9 0 4 72	000 41	0 36 05	98 00 0	027 48	0 0 9 0 0	- - - 45	+ 3	+10	0.8	- 0 5	4.7	7
	Torbat	000 74	0 24 02	97 00 3	110 96	0 0 9 0 0	- - - 97	000 64	0 00 00	96 00 0	169 77	0 0 9 0 0	- - - 69	-		0	—	1.4	—
	Panjgur *	000 38	4 23 03	97 00 0	992 82	0 0 9 2 0	9 - 4 83	000 38	0 05 05	97 00 0	033 62	0 0 9 0 0	- - - 54	- 1	+ 1	0	—	3 2	5
	Las Bela																		8
	Ormara	000 63	0 27 05	96 00 0	106 87	0 0 9 0 0	- - - 86	000 56	0 32 05	96 00 0	147 75	0 0 9 0 0	- - - 73	—	—	0 3	—	3 0	6
	Pasni	000 65	0 23 07	98 00 0	115 87	0 0 9 0 0	- - - 93	000 64	0 27 05	96 00 0	155 72	0 0 9 0 0	- - - 67	+ 3	+ 2	0	- 0 9	5.2	6
	Jiwani																		4
Sind	Keti	000 62	6 36 05	96 03 1	101 97	0 0 9 4 0	6 0 4 01	000 56	0 23 02	96 00 0	143 73	0 0 9 0 0	- - - 66	—		1.7	—	2 2	—
	Jacobabad	000 55	7 27 03	96 02 2	101 90	0 0 9 5 0	- - - 92	000 51	0 27 02	97 00 0	139 71	0 0 9 0 0	- - - 66	- 1	+ 7	0.2	- 2.1	0 7	4
	Sukkur	000 53	7 ×× ××	95 03 2	100 91	0 0 9 9 0	8 × 5 02	000 65	0 ××× ××	96 00 1	137 68	0 0 9 0 0	- - - 60			0 5	—	1 0	4
	Pad Idan	000 59	7 00 00	98 03 1	102 90	0 0 9 0 4	- - - 98	000 61	0 00 00	98 01 1	134 73	0 0 9 0 0	- - - 66	—	—	0.8	—	0 9	—
	Karachi: (Manora)	000 75	7 25 09	99 02 2	111 79	0 0 9 7 0	0 × 0 82	000 73	0 00 00	97 00 0	142 74	0 0 9 0 0	- - - 73	- 4	+ 4	1 5	- 4.5	1 6	3
	Karachi (A. P.)	000 53	7 27 12	96 03 1	105 91	0 0 9 7 1	- - - 97	000 61	1 00 00	96 03 1	146 67	0 0 9 8 0	- - × 66		—	2 9		3.0	—
	Badin																		9
	Nagarparkar																		—
	Chhor (Diamer.)	000 71	0 34 03	97 00 0	092 96	0 0 9 0 0	- - - 01	000 55	0 00 00	97 00 0	146 77	0 0 9 0 0	- - - 67	—	—	2 3	—	2.3	—
	Hyderabad	000 48	4 23 03	96 01 1	101 97	0 0 9 0 3	- - - 01	000 61	0 28 03	94 00 0	147 74	0 0 9 0 0	- - - 69	+ 6	+ 3	1.3	- 4.3	2.0	7
Zone-Kalat	Veraval																		20
Afghan-Border	Kabul	000 37	4 16 05	98 02 8	012 65	4 8 8 0 9	- - - 73							—					12
	Jalalabad	000 64	4 06 02	97 03 1	997 87	—	4 × 9 89	000 59	7 27 02	97 01 5	008 70	0 1 9 2 0	- - - 65	—	—	0.5	—	6.9	—
	Kandahar																		—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 28TH OCTOBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1 D_S D_M T_x T_n$	At 0300 Hrs. G. M. T. of date RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1 D_S D_M T_x T_n$	Departure from Normal T_x T_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal
2	3	5	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20
Sind	Chharba:																	
	Jacobabad																	
	Mastung																	16
	Bunnier																	11
Arabia	Muscat	000 73	2 31 09	97 02 0	132 83	0 0 9 7 0	- - - 86	000 73	0 31 02	96 00 0	169 82	0 0 9 0 0	- - - xx	- 2	—	0	—	3 4
	Sharjah																	
	Kuwait	000 xx	0 00 00	97 00 0	164 81	0 0 9 0 0	- - - 82	000 xx	0 25 10	97 00 0	187 71	0 0 9 0 0	- - - 63	—	—	0	—	1 5

* Barometer readings reduced to 1 geodynamic Kilometre 3,350-3,355 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,715 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,068 feet according to latitude).
(a) Reported rainfall.
Whenever 000 is given for RRR see the summary on page 1 for the actual amount of rainfall.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Islami	73 182	697 06	0 04 10	99 02 9	135 87	00 9 00	6 4 300	—	0 02 82	1 04 22
Zaffari	73 162	601 12	3 02 09	99 02 0	118 xx	30 9 30	—	—	—	—
Islami	73 179	685 12	2 04 10	99 02 0	108 86	00 9 80	6 4 300	—	—	—
Mohammedi	73 086	719 12	3 00 00	97 02 1	897 86	30 8 33	—	—	—	—
Dara	73 248	858 18	0 26 05	14 68 1	009 00	65 3 00	0 0 278	—	0 26 xx	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoXiXa	PiPihihihi	TiTiTdiTdiTxi etc.	5555	hihiPiPiPi	TiTiTdiTdiTxi etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 14	009 29	142 60	000 33	291 21	855 35	215 64	700 73	075 47	075 47

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	509 53	579 94	391 97	819 94	555 55	169 58	201 13	269 24	240 23	849 00	245 77	378 93	245 29	718 00	185 32

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

Station	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	6	7	8	9	10	11
Bogra	04 03	07 03	05 04	—	—	—	—	—	—	—	—
Chhor	24 03	21 02	22 07	22 16	20 13	19 13	19 11	—	—	—	—
Chittagong	25 04	26 02	11 02	17 03	18 08	18 06	19 04	32 09	—	—	—
Cox's Bazar	33 04	29 02	23 02	16 03	23 05	23 07	04 05	31 05	—	—	—
Dacca	02 04	01 01	02 03	14 03	10 03	26 07	31 11	—	—	—	—
Dalbandin	—	—	22 01	21 03	21 05	22 12				—	—
Dera		—			25 01	22 09	15 15	21 31		—	—
Fort Sandeman			—	25 11	24 16	20 10	19 10	22 35	21 43		
Jacobabad	25 09	14 05	16 05	14 06	13 11	17 12	20 17	21 27	22 29		—
Jhelum	11 02	14 05	35 03	29 07	20 08	27 16	—	—	—		—
Kiwah								—	—		—
Karachi	27 15	31 10	31 06	23 05	27 07	24 10	24 15	25 20	—		—
Khanpur	05 03	06 03	11 03	17 05	21 07	21 13	21 16	21 30	24 55		—
Lahore	28 03	31 02	32 02	33 06	33 08	32 10	19 09	21 27	22 35	28 47	
Multan	19 02	18 05	18 10	17 16	17 09	19 10	20 14		—		
Peshawar		05 04	09 04	17 11	17 11	21 11	18 15	21 25	—		—
Quetta					17 09	17 06	—	—	—		
Bushire					—						
Shiraz						—					

Station	2100 hrs. G. M. T of previous day † Height in Thousands of Feet †† 12	13	14	15	16	17	At 0300 hrs. G. M. T of date † Height in Thousands of Feet. †† 18	19	20	21	22	23	24	25
Bogra	05 07	05 08	04 04	36 04	—	—	05 04	06 07	06 07	06 07	03 04	18 04	03 18	—
Chhor					—		18 07	25 08	27 10	27 07	28 06	29 06	21 10	14 25
Chittagong	33 08	33 07	36 03	15 02	18 06	—	03 08	03 13	03 13	03 05	01 03	11 11	09 13	—
Cox's Bazar	33 09	35 06	33 07	04 05	03 06	05 07	02 09	02 06	03 02	10 04	06 08	03 06	11 04	03 10
Dacca	13 02	07 03	03 03	09 03	11 03	07 04	06 05	06 05	06 06	09 06	14 09	04 02	03 05	05 10
Dalbandin	—		07 15	16 03	24 05	—	—		07 03	20 04	27 02	24 02	28 14	30 28
Dera	—		—	17 03	20 04	18 09	—	—	—	No	ascent	Ra ning		—
Fort Sandeman				21 07	23 14	22 23	—	—	—	11 03	33 05	27 23	22 38	—
Jacobabad	34 03	33 12	20 17	21 09	21 09	20 11	31 05	20 03	32 06	32 10	31 11	30 14	25 11	—
Jhelum	08 05	11 14	12 08	20 05	27 05	22 04	10 04	14 11	15 12	16 08	16 05	22 05	22 06	—
Kiwah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	29 18	29 14	29 12	26 09	25 10	—	32 10	32 17	21 16	29 14	27 13	26 18	25 16	25 11
Khanpur	10 14	10 13	12 20	19 12	17 15	18 15	32 08	26 11	30 06	30 04	24 02	19 13		
Lahore	29 12	30 08	29 05	25 04	28 03	10 08	15 12	16 15	16 13	14 10	14 06	29 07	32 06	22 09
Multan	13 20	14 15	15 10	25 02	22 11	20 13	16 08	17 23	16 20	17 07	16 04	19 05		—
Peshawar	—	18 03	13 10	18 17	19 17	20 21	—	32 13	20 07	13 13	13 16	20 23	18 17	—
Quetta		No	ascnt	Driggle		—	—	—		—	33 06	30 22	20 02	—
Bushire	—	—			—				—		—	—		—
Shiraz												—		—

Cloud Observation Data (iiiGG Cddv. v,)

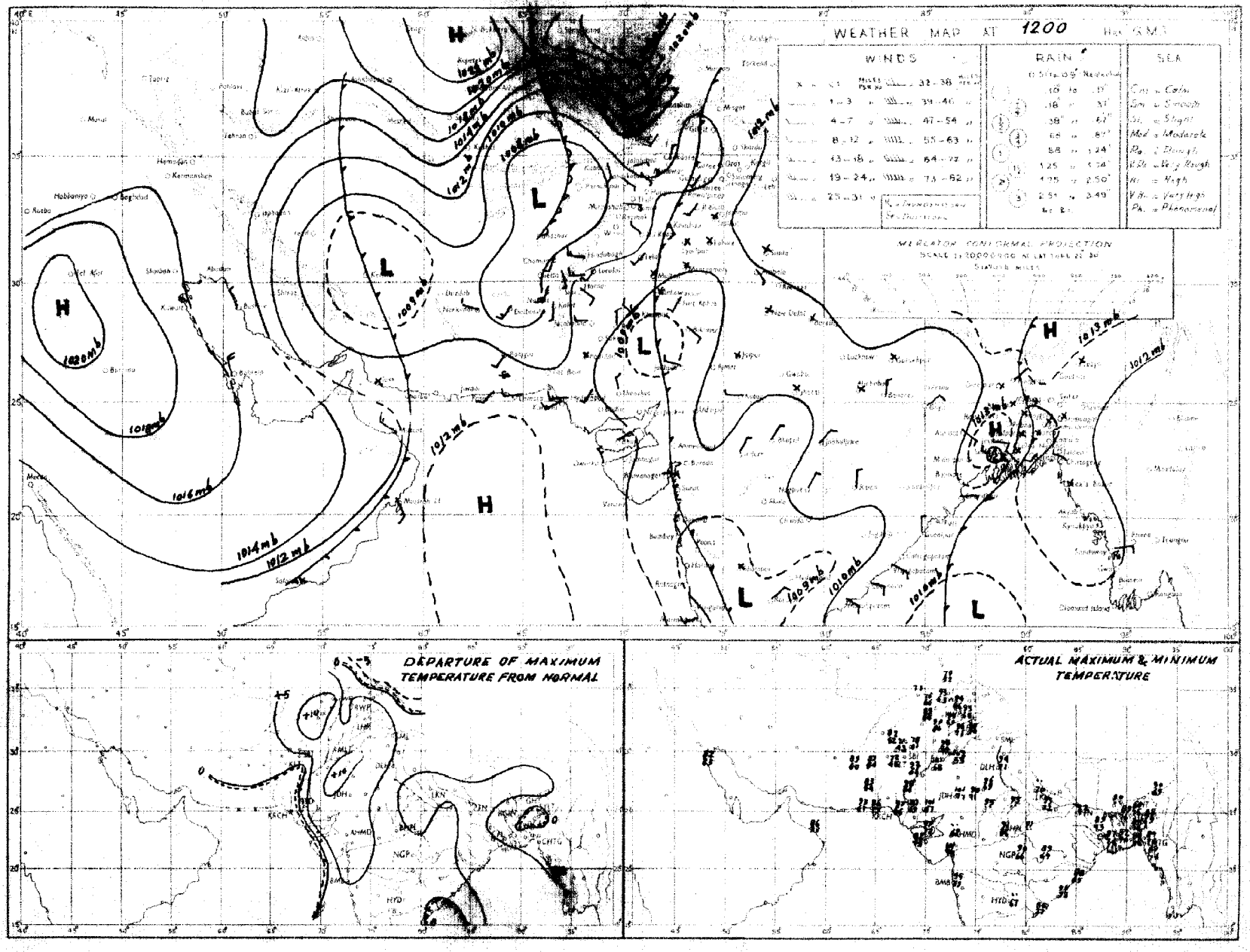
Chhor 76808 41822
Peshawar 53008 12315
Inalm 59802 42300
Multan 67502 41009

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.5, 2.1, 3.0 & 4.5 G.S. 1.5 and 2.0 km. The levels given at the time of the columns are for reference only and are approximate levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

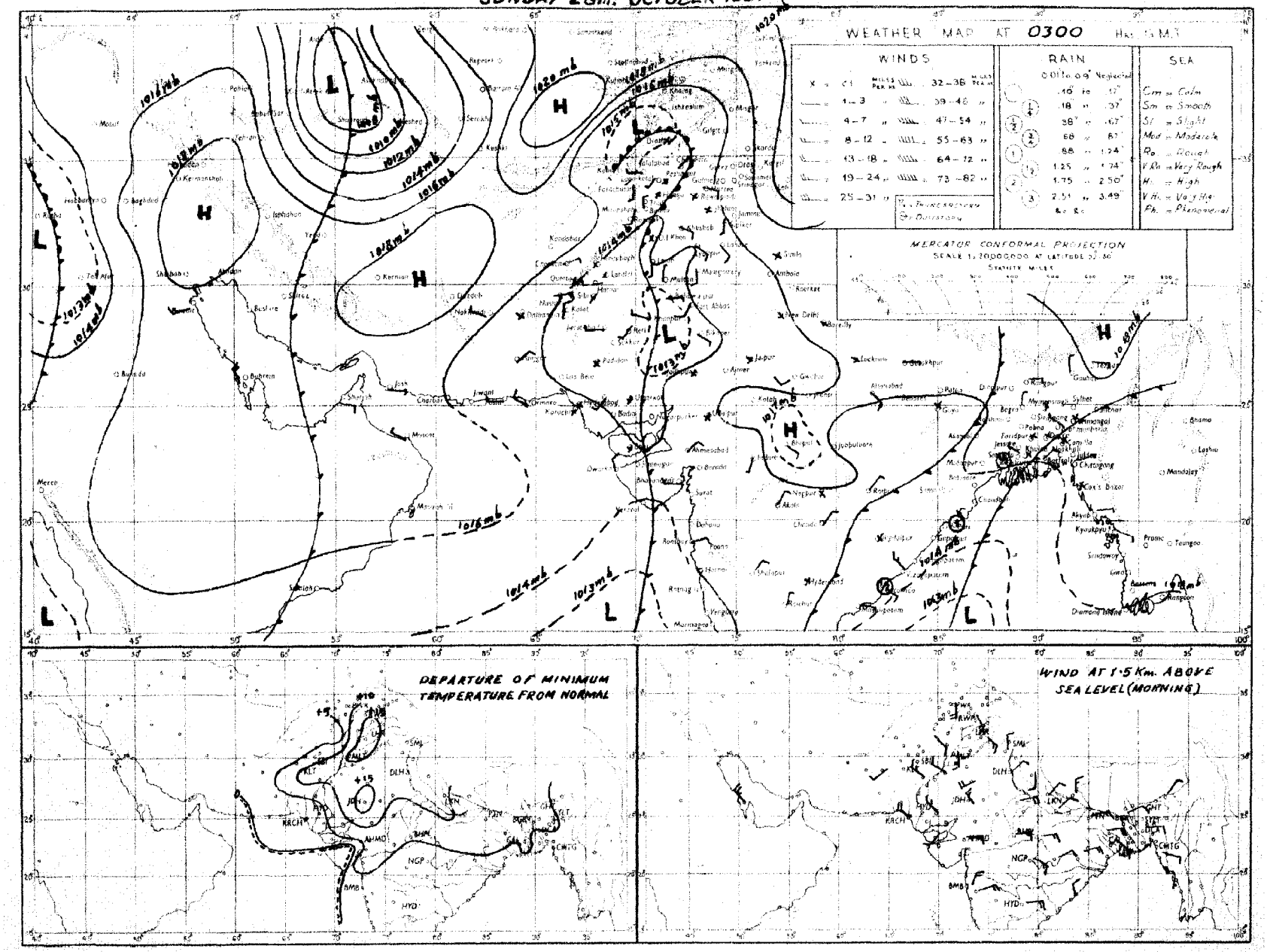
SATURDAY 27th OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SUNDAY 28th: OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR MONDAY, THE 29TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance over the North-West Frontier Province and Kashmir moved away northeastwards.

Yesterday's western disturbance approaching Iraq is now moving eastnortheastwards through north and central Iraq.

Fairly widespread rain/thundershowers have occurred in the upper North-West Frontier Province and the north Punjab. Isolated thundershowers have also been reported from the lower North-West Frontier Province.

Chief amounts of rainfall are :—Muree and Drosh 1" each ; Jhelum ¾" and Chakdara ¾".

Night temperatures were markedly to considerably above normal in the Punjab and appreciably to markedly so in north Baluchistan and East Pakistan.

Forecast valid until the evening of 30th :—Scattered rain/thundershowers will occur in Kashmir, otherwise the weather will be dry over the country.

Karachi-11.
The 29th October, 1951

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTGTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 78	2 00 00	95 01	1 127 85	1 1 6 0 6	- - - 90	000 77	0 00 00	97 01	1 149 84	0 0 0 0 0	- - - 75	+ 4	+14	111.8	- 4.5	121.5	140
	Chittagong	000 78	2 34 02	96 02	1 125 85	0 0 9 7 0	- - - 91	000 84	3 07 02	97 02	1 147 85	0 0 3 7 9	- - - 76	+ 6	+ 5	104.5	+20.3	134.3	108
	Noakhali	000 76	0 00 00	93 05	0 ××× 85	0 0 9 0 0	- - - 89	000 75	0 00 00	95 00	4 ××× 82	0 0 9 0 0	- - - 76	+ 4	+ 6	—	—	—	115
	Comilla	000 79	0 00 00	98 00	0 119 85	0 0 9 0 0	- - - 85	000 75	0 36 02	98 00	4 152 85	0 0 9 0 0	- - - 76	- 1	+ 6	123.4	+53.7	130.8	94
	Brahmanbaria	000 77	0 00 00	97 00	0 130 86	0 0 9 0 0	- - - 91	000 76	0 00 00	97 00	1 153 88	0 0 9 0 0	- - - 76	—	—	61.8	+ 7.4	71.7	78
	Dacca	××× 75	0 00 00	×× 00	1 124 81	0 0 9 0 0	- - - 91	000 77	1 00 00	97 03	0 147 86	1 1 5 0 0	- - - 73	—		—		—	
	Narayanganj	000 74	0 00 00	×× 00	1 115 87	- - - - -	- - - 92	000 76	2 13 02	95 03	1 139 90	2 0 7 4 0	- - - 77	+ 6	+ 5	69.9	+16.5	88.8	74
	Mymensingh	000 76	0 00 00	99 00	0 124 85	0 0 9 0 0	- - - 87	000 76	0 00 00	98 00	0 151 82	0 0 9 0 0	- - - 75	+ 2	+ 5	52.1	- 17.2	60.3	91
	Srimangal							000 77	1 00 00	96 02	0 154 81	1 2 6 0 0	- - - 69		—	77.7	+12.1	104.3	98
	Khulna	000 78	0 00 00	98 00	0 132 86	0 0 9 0 0	- - - 92	000 75	1 00 00	98 00	0 158 84	1 8 8 0 0	- - - 76	+ 7	+ 6	45.0	- 7.7	53.9	68
	Satkhira	007 84	6 00 00	97 03	1 124 84	4 4 7 6 0	- - - 91	000 73	2 31 02	97 01	1 146 73	2 5 7 0 0	- - - 76	+ 4	+ 8	34.9	- 15.6	43.6	65
	Jessore	000 78	2 00 00	96 02	1 128 85	2 8 5 0 0	- - - 92	000 75	0 00 00	97 00	0 148 85	0 0 9 0 0	- - - ××			37.3	- 11.0	44.4	65
	Faridpur	000 77	2 00 00	95 05	0 124 86	2 4 7 0 0	- - - 87	000 74	0 00 00	96 00	0 151 88	0 0 9 0 0	- - - 75	+ 3	+ 4	49.2	- 2.4	55.5	71
	Barisal	000 76	3 00 00	97 01	1 127 85	2 4 6 2 0	- - - 90	000 77	1 02 02	98 01	1 150 85	0 0 9 5 0	- - - 77	+ 5	+ 6	62.9	+ 0.8	73.5	81
	Pabna																		59
	Rampur Boalia	000 75	0 00 00	96 00	0 129 82	0 0 9 0 0	- - - 88	000 74	0 09 00	99 00	0 140 86	0 0 9 0 0	- - - 76	+ 3	+ 7	53.9	+ 4.2	63.9	56
	Sirajganj	000 77	1 00 00	96 01	1 129 84	1 1 8 0 0	- - - 89	000 74	1 00 02	96 01	1 151 86	0 0 9 0 1	- - - 77	+ 4	+ 8	37.4	- 17.8	44.3	64
	Bogra	000 75	0 00 00	×× 00	0 140 84	0 0 9 0 0	- - - -	000 69	6 00 00	97 02	2 157 83	0 0 9 2 0	- - - 73	—	+ 6	44.3	- 16.3	43.6	72
	Dinajpur	000 ××	0 00 00	96 02	1 — —	0 0 9 0 0	- - - -	000 ××	2 08 02	98 02	1 — —	0 0 9 1 0	- - - -	—	—	69.8	+ 2.4	78.2	84
	Rangpur																		
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Allahabad																		
PUNJAB	Lyallpur	000 59	6 02 04	96 50	5 117 84	6 7 8 0 0	3 0 0 85	000 57	0 02 02	96 00	5 184 65	0 0 9 0 0	9 × × 61	0	+ 5	5.9	- 3.3	10.2	12
	Lahore	000 57	7 00 00	96 21	6 121 85	5 8 7 2 0	2 × 4 94	000 57	0 36 03	96 00	6 185 69	0 0 9 0 0	9 × × 64	+ 4	+11	10.6	- 4.0	14.7	19
	Sialkot	000 51	8 31 05	97 03	2 129 85	8 2 6 - -	3 9 9 91	000 58	0 31 04	98 00	0 188 68	0 0 9 0 0	- - - 62	+ 3	+ 6	13.8	- 10.0	18.7	32
	Jhelum	023 65	7 00 00	96 17	6 169 73	7 2 6 0 0	1 ×× 88	043 56	0 31 03	99 00	9 200 65	0 0 9 0 0	9 × × 55	—		16.9	—	26.3	
	Muree	005 65	5 27 02	97 61	0 185 86	5 9 5 0 0	8 ×× 93	005 51	2 00 00	97 01	1 219 60	0 0 9 1 0	- - - 52	+ 8	+ 1	14.9	- 9.2	25.7	36
	Rawalpindi	086 41	8 13 10	95 61	9 023 45	8 9 8 - -	6 × × 65	096 33	0 02 07	98 00	9 034 51	0 0 9 0 0	9 × × 43		—	22.6	- 14.5	14.2	59
	Murree †	××× ××	6 13 13	94 00	2 — —	0 0 9 9 8	7 9 × —	××× ××	0 36 02	97 00	0 — —	0 0 9 0 0	- - - -	-		—		—	
	Attock	000 67	2 05 09	99 01	1 129 32	2 3 6 0 0	- - - 89	000 59	0 29 05	99 00	0 177 69	0 0 9 0 0	- - - 62	- 1	+ 4	3.1	- 7.3	7.8	15
	Khushab																		
	Montgomery	000 71	2 00 00	96 01	1 106 91	0 0 9 3 0	9 × 0 95	000 58	1 23 05	96 00	0 184 69	0 0 9 0 0	- - - 64	+ 4	+ 7	2.5	- 5.0	6.1	10
	Lyallpur	000 68	0 23 03	97 00	0 108 83	0 0 9 0 0	- - - 95	000 62	0 34 02	97 00	0 204 70	0 0 9 0 0	- - - 64			0.9		6.9	8
	Multan	000 56	0 05 05	97 00	0 111 92	0 0 9 0 0	- - - 95	000 56	0 31 05	96 00	0 196 70	0 0 9 0 0	- - - 67	+ 5	+10	3.8	- 1.2	6.9	7
	Khanpur	000 58	0 27 03	96 05	0 ××× 90	0 0 9 0 0	- - - 00	000 57	0 05 12	94 07	0 179 72	0 0 9 0 0	- - - 67	+ 8	+10	0.3	- 4.5	1.9	6
	Bahawalpur	000 76	0 00 00	97 00	1 100 95	0 0 9 0 0	3 0 0 99	000 63	0 36 03	97 00	0 171 68	0 0 9 0 0	- - - 66	+ 8	+10	1.9	- 2.4	5.0	8
	Port Abbas	000 86	0 23 09	96 00	0 098 97	0 0 9 0 0	0 × × 00	000 39	0 23 02	96 00	0 129 70	0 0 9 0 0	- - - 46		-	2.8		3.7	6
N. W. F. P.	Drosh *							101 41	0 00 00	99 00	0 126 47	0 0 9 0 0	- - - 45	—		3.2		23.5	
	Chakdara	033 51	4 27 09	99 00	6 180 65	4 5 6 0 0	6 × × 69	033 50	0 23 02	98 00	0 226 57	0 0 9 0 0	- - - 51		-	6.5	-	18.8	18
	Cherat *	006 54	3 34 10	98 01	6 081 60	0 0 9 3 0	7 × 6 66	006 52	0 36 17	98 00	0 072 57	0 0 9 0 0	0 × × 55	—		6.8	- 5.7	28.9	
	Peshawar	000 55	6 27 07	96 17	6 134 71	0 0 9 3 0	8 × × 79	005 53	0 20 02	98 00	0 216 63	0 0 9 0 0	9 × × 57		+ 2	1.8	- 2.8	9.1	29
	Parachinar	015 42	6 05 02	96 02	9 003 59	4 9 6 2 0	3 × 7 68	015 38	0 00 00	99 00	2 037 51	0 0 9 0 0	9 × × 45	—		10.7		22.2	14
	Miranshah	000 55	2 11 03	98 02	1 003 78	2 4 6 6 0	- - - 85	000 53	0 00 00	99 00	0 068 63	0 0 9 0 0	- - - 55	—	-	3.6	- 1.2	10.5	29
	Bannu	000 55	3 11 03	99 02	1 ××× 82	2 2 6 3 0	- - - 87	000 63	0 00 00	99 00	0 201 63	0 0 9 0 0	- - - 59	—	-	0.9		5.8	18
	D. I. Khan	000 56	0 02 04	97 00	0 117 87	0 0 9 5 0	- - - 87	000 54	0 00 02	96 00	0 132 63	0 0 9 0 0	- - - 62	- 1	+ 7	1.1	- 4.4	2.8	11
	Wana					0 0 9 0 0	- - - 86												9
	Landikotal																		11
	Haripur	115 51	7 23 02	95 96	2 040 53	7 9 4 0 0	1 0 0 71												
	Thull	××× ××	0 00 00	97 00	1 — —	0 0 9 0 0	6 × ×	××× ××	0 00 00	97 00	0 — —	0 0 9 0 0		—	-	—	—	—	
BALUCHISTAN	Fort Sandeman*	000 29	0 27 10	95 05	0 018 76	0 0 9 0 0	- - - 80	000 37	0 00 00	95 05	0 040 60	0 0 9 0 0	- - - 52	+ 1	+ 2	4.1	- 1.0	10.6	11
	Hindubagh	000 29	0 27 05	98 00	0 984 67	0 0 9 0 0	- - - 72	000 35	0 27 02	97 00	0 046 54	0 0 9 0 0	- - - 41			0.6	—	9.0	
	Loralai	000 37	0 13 05	96 00	0 986 75	0 0 9 0 0	- - - -	000 31	0 00 00	96 00	0 ××× 54	0 0 9 0 0	- - - 47	-		1.7	—	8.2	
	Kharan (a)	000 ××	0 00 00	96 00	0 — —	0 0 9 0 0	- - - -	000 ××	0 09 02	96 00	0 — —	0 0 9 0 0	- - - -			2.0	- 5.7	10.6	
	Sibi	000 34	0 00 00	99 00	0 103 98	0 0 9 0 0	- - - 99	000 38	0 36 05	98 00	0 166 75	0 0 9 0 0	- - - 65	—		2.2	—	3.8	14
	Quetta †	000 35	0 34 02	99 00	0 013 69	0 0 9 0 0	- - - 71							—					5
	Chaman	000 43	0 25 03	97 00	0 029 75	0 0 9 0 0	- - - 77	000 40	0 11 02	97 00	0 074 62	0 0 9 0 0	- - - 55	+ 1	+ 6	0	- 0.3	9.6	9
	Nushki	000 42	6 31 05	97 00	0 064 81	0 0 9 0 0	- - - 83	000 39	0 05 08	97 00	0 114 69	0 0 9 0 0	- - - 64		—	0		5.5	8
	Dalbandin *	000 42	0 13 03	94 06	0 028 84	0 0 9 0 0	- - - 85	000 32	0 00 00	96 00	0 064 59	0 0 9 0 0	- - - 53	0	+ 5	0	- 0.3	1.8	
	Nokkundi	000 60	0 00 00	99 00	0 113 88	0 0 9 0 0	- - - 90	000 39	0 00 00	99 00	0 195 67	0 0 9 0 0	- - - 61	—		0		1.0	4
	Kalat †	000 50	0 31 05	98 00	0 025 67	0 0 9 0 0	- - - 70	000 39	0 13 05	96 00	0 056 43	0 0 9 0 0	- - - 39	+ 1	+ 4	0.8	- 0.5	4.7	2
	Turbat	000 75	0 24 02	97 00	0 ××× 95	0 0 9 0 0	- - - 99	000 50	0 08 02	96 00	0 177 74	0 0 9 0 0	- - - 67	—		0	—	1.4	7
	Panjgur *	000 38	0 31 02	97 00	0 018 82	0 0 9 0 0	- - - ××	000 28	0 36 02	97 00	0 051 60	0 0 9 0 0	- - - 53	—	0	0	—	3.2	5
	Las Bela							000 61	0 00 00	99 00	0 161 79	0 0 9 0 0	- - - 64		—	1.6	—	1.7	8
	Ormara	000 64	0 27 05	97 00	0 129 88	0 0 9 0 0	- - - 90	000 64	0 09 02	97 00	0 171 73	0 0 9 0 0	- - - 69	—		0.3	—	3.1	6
	Pasni	000 60	0 23 10	98 00	0 125 86	0 0 9 0 0	- - - 95							+ 5					6
	Jiwani																		4
SIND	Reti	000 50	0 18 05	96 00	0 104 98	0 0 9 0 0	- - - 02	000 59	0 05 09	96 00	0 ××× 74	0 0 9 0 0	- - - 66	—		1.7	-	2.2	
	Jacobabad	000 51	0 31 02	97 00	0 115 97	0 0 9 0 0	- - - 99	000 54	0 09 03	96 00	0 171 73	0 0 9 0 0	- - - 66	+ 6	+ 3	0.2	- 2.1	0.7	4
	Sukkur	000 53	0 ×× ××	96 00	0 118 92	0 0 9 0 0	- - - 98	000 58	0 05 ××	96 00	0 170 75	0 0 9 0 0	- - - 67			0.5	—	10.0	4
	Padidan	000 56	0 00 00	98 00	0 129 94	0 0 9 0 0	- - - 98	000 54	0 05 05	98 00	0 161 73	0 0 9 0 0	- - - 68	—	—	0.8	—	0.9	
	Karachi (Manora)	000 75	0 25 09	98 00	0 128 81	0 0 9 0 0	- - - 83	000 69	0 00 00	93 10	0 160 72	0 0 9 0 0	- - - 71	- 4	+15	1.5	- 4.5	1.6	3
	Karachi (A. P.)	000 59	0 23 10	97 00	0 127 89	0 0 9 0 0	- - - 97	000 54	0 00 00	91 00	0 149 72	0 0 9 0 0	- - - 66			2.9		3.0	
	Badin																		9
	Nagarparkar																		
	Chhor (Umarkot)	000 72	0 34 03	97 00	0 111 97	0 0 9 0 0	- - - 01	000 65	0 00 00	97 00	0 153 75	0 0 9 0 0	- - - 70	—	—	2.3	-	2.3	
	Hyderabad	000 49	0 23 03	97 00	0 114 92	0 0 9 0 0	- - - 03	000 52	0 00 00	96 00	0 160 78	0 0 9 0 0	- - - 69	+ 8	+ 3	1.8	- 4.3	2.0	7
Jonagarh	Veraval																		20
Afghanistan	Kabul							000 37	1 02 02	99 01	0 075 42	0 0 9 0 1	- - - 88	—	—	0.7	—	10.5	12
	Jalalabad	000 59	7 00 00	96 03	5 004 74	1 1 6 2 0	8 × 9 78	000 55	0 25 02	97 00	1 044 60	0 0 9 0 0	9 × × 56	—	—	0.5	—	6.9	
	Kandahar							000 39	0 00 00	97 00	0 053 50	0 0 9 0 0	- - - 41		—	0	—	10.5	

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 29TH OCTOBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_mC_s$	$W_1D_sD_mT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_thC_mC_s$	$W_1D_sD_mT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sind	Charba:																		
	Jacobabad																		
	Mastung																		14
	Bushire																		11
Arabia	Muscat	000 70	0 31 05	97 00 0	151 85	0 0 9 7 0	- - - 87	000 74	2 31 02	96 00 0	163 83	0 2 9 0 0	- - - ××	- 1	+ 8	0	—	8 4	4
	Sharjah	—																	4
	Kuwait	000 ××	0 05 02	97 00 0	168 83	0 0 9 0 0	- - - 84	000 ××	0 20 07	97 00 0	182 75	0 0 9 0 0	- - - 65	—	—	0	—	1.5	1

* Barometer readings reduced to 1 geodynamic Kilometre 2,350-2,358 feet according to latitude (a) Reports only rainfall.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude. Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_t hC_m C_s$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Gefardmer	13 101	618 00	2 07 10	97 02 1	095 82	2× 8 4×	2 4 715	—	0 51 ××	1 49 ××
Islami	13 171	646 06	4 04 19	99 02 0	151 85	00 9 40	5 4 810	—	0 01 78	1 04 22
Williamsuys	13 108	577 06	7 07 14	98 ×3 8	145 79	×4 3 ×0	6 5 320	—	0 52 75	1 03 22
Islami	13 167	684 12	7 04 10	99 02 0	135 85	00 9 40	—	—	0 02 78	1 04 22
Aparoca	13 197	715 12	0 09 01	99 02 0	126 86	00 9 00	7 4 403	—	0 02 75	1 04 21
Aparoca	13 203	703 18	0 29 05	99 02 0	141 84	00 9 00	7 4 110	—	0 01 75	1 49 ××
Rizwani	13 207	612 18	0 05 09	99 00 0	172 88	00 9 00	—	—	—	—
Bara	13 248	616 18	0 24 06	99 00 0	169 82	00 9 00	5 3 305	—	0 03 78	1 24 ××
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karach	780 16	008 26	233 60	000 30	252 31	854 99	230 24	700 43	110 14	509 36	559 90	301 79	849 91	555 55	079 81	222 11	269 25	280 64	338 00	270 14	678 00	200 21	466 00	035 22	635 60

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet **										2100 hrs. G. M. T of previous day † Height in Thousands of Feet **						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet **							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	33 04	35 02	34 03	33 02	22 04	24 03	28 92	—	—	—	18 05	33 05	30 07	27 07	49 06	—	08 05	11 01	29 03	32 04	31 05	28 09	22 15	26 10
Dhaka	26 08	27 08	29 09	27 05	28 02	25 07	29 12	25 19	—	—	—	—	—	—	—	—	02 06	02 07	03 12	13 19	01 13	35 19	04 08	35 10
Chittagong	30 10	30 05	04 09	21 02	14 04	10 08	17 06	10 18	—	—	36 05	36 03	33 01	26 07	21 04	—	07 06	07 04	07 02	06 03	14 08	03 04	14 05	23 04
Cox's Bazar	35 05	01 02	13 02	16 21	19 01	12 10	11 11	—	—	—	36 06	36 09	36 07	14 03	14 06	—	05 11	05 11	03 80	13 04	13 06	11 09	11 03	23 03
Dacca	27 05	34 01	01 02	02 01	16 08	21 02	07 08	35 10	—	—	06 03	01 03	29 03	—	34 05	—	07 03	36 02	34 05	32 05	02 03	17 05	21 13	24 06
Balbandit	—	—	07 09	01 04	21 01	18 04	32 10	29 06	—	—	—	—	01 04	05 04	06 02	15 05	—	—	05 07	06 13	07 07	35 07	26 05	29 15
Drosi	—	—	—	—	—	No	ascent	—	—	—	—	—	—	28 06	30 10	29 09	—	—	—	25 04	25 07	30 22	29 25	—
Port Sandeman	—			22 05	26 02	23 18																		
Jacobabad	29 11	31 09	32 10	31 13	31 14	25 13	28 15	29 26	28 39	26 42	35 04	25 04	30 03	35 05	03 08	02 07	09 15	04 08	36 13	36 06	33 03	26 08	36 06	28 18
Shelabh	24 04	21 09	20 04	21 62	—	—	—	—	—	—	31 08	13 04	36 04	03 06	28 04	29 14	—	—	—	—		—	—	—
Kiwani	—																							
Karach	28 17	30 15	31 15	30 12	29 09	25 11	27 09	33 10	28 09	25 39	29 15	27 14	27 09	26 08	26 09	26 09	34 04	34 08	31 09	28 04	32 04	38 04	25 12	35 06
Khanpur	28 11	27 02	25 09	25 11	24 07	25 08	27 27	29 48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lahore	16 03	16 02	16 13	17 17	13 14	18 13	19 06	—	—	—	07 19	—	08 15	21 04	33 08	32 15	—	—	—	—	—	—	—	—
Multan	02 07	35 04	27 02	20 08	21 11	21 15	24 24	27 37	—	—	06 24	07 20	02 11	34 13	32 05	—	—	—	—	—	—	—	—	—
Peshawar	—	—		—							—	27 06	33 08	32 10	35 17	29 10				—	—	—	—	—
Quetta					30 02	30 03	31 13	28 15	22 11	28 20	—	—	—	—	30 05	27 12	—	—			01 02	35 14	27 15	29 18
Bushire						—					—	—			—						—	—		—
Sharjah						—																—		

Cloud Observation Data (iiiGG Cddv, v,)

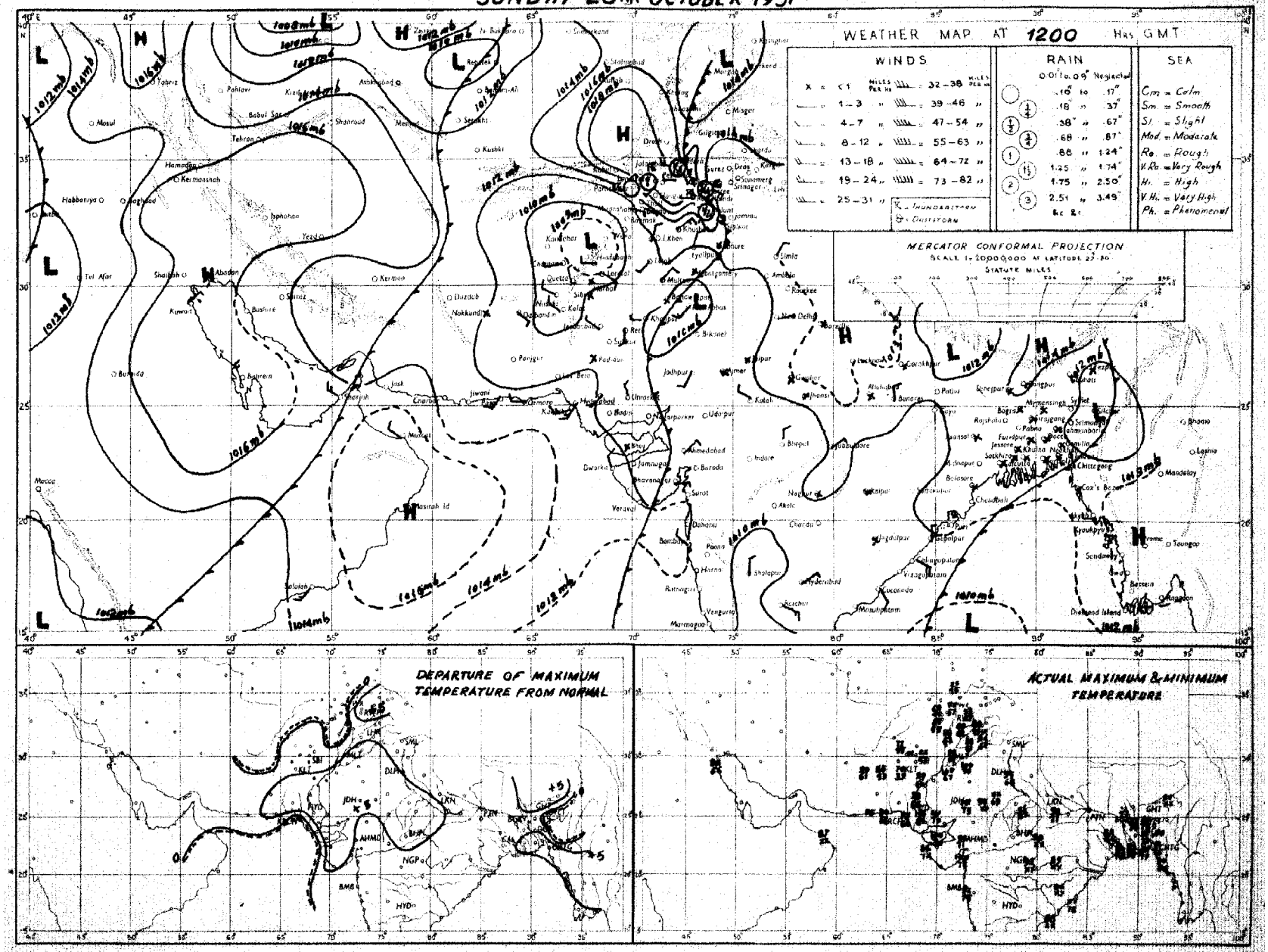
Lahore 64008 620××

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.5, 2.1, 3.0 4.0 5.0, 7.0, and 9.0 km The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

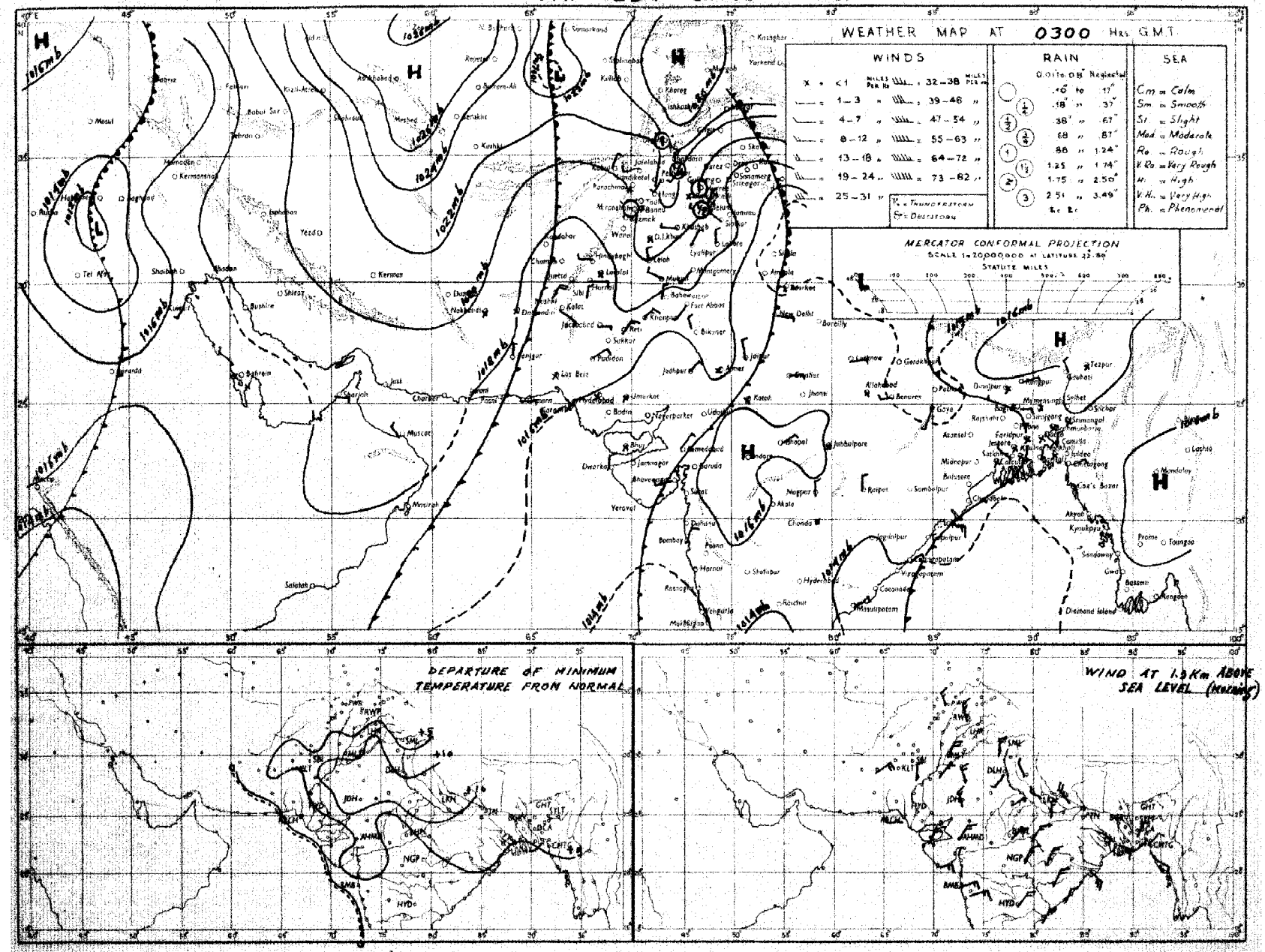
SUNDAY 28th OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 29th. OCTOBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription Pages 1—2 Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR TUESDAY, THE 30TH OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's western disturbance over Iraq is now moving eastnortheastwards across Iraq and adjoining Iran.
A well marked trough of low lies in west central Bay of Bengal off Circar Coast.
Scattered rain has occurred in East Pakistan.
Chief amounts of rainfall are :—Mymensingh and Srimangal 1½" each ; Sirajganj ¾" ; Bogra ½" and Chittagong ¼".
Night temperatures were appreciably to markedly above normal over the country.
Forecast valid until the evening of 31st :—Scattered rain/thundershowers will occur in East Pakistan. A few thunderstorms are likely in the upper North-West Frontier Province and Kashmir.

Karachi-11.
The 30th October, 1951

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx	Tn	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 75	1 00 00	95 01 1	106 85	1 1 6 0 0	0 0 0 91	000 75	1 00 00	97 01 5	140 85	1 1 6 0 0	2 × × 75	+ 5	+ 4	111.8	- 4.8	121.5	140
	Chittagong	000 76	2 27 02	96 02 1	106 85	0 0 9 7 0	0 × 9 91	026 74	4 13 05	97 02 1	136 83	0 0 9 7 9	- - - 75	+ 6	+ 4	104.8	+ 20.3	134.5	108
	Noakhali	000 76	0 00 00	93 51 0	××× 85	0 0 9 0 0	- - - 89	000 76	6 00 00	95 03 4	××× 85	4 2 5 2 0	- - - 76	+ 4	+ 6	-	-	-	115
	Comilla	000 79	0 00 00	98 00 0	102 86	0 0 9 0 0	- - - 90	000 75	7 18 05	98 03 1	143 85	7 4 7 0 0	- - - 76	+ 4	+ 6	123.4	+ 53.5	130.8	94
	Brahmanbaria	000 76	0 00 00	97 00 0	114 86	0 0 9 0 0	- - - 90	000 70	4 00 00	96 03 6	140 75	4 4 5 0 0	8 × × 75	—	—	62.6	+ 8.2	72.5	78
	Dacca	××× 75	2 00 00	×× 03 1	100 82	1 8 5 0 0	6 × × 90	××× 77	7 31 02	96 02 1	132 84	6 8 8 2 0	- - - 70	—		-			
	Narayanganj	000 76	1 00 00	×× 01 1	104 88	0 0 9 0 0	9 0 × 93	000 75	2 29 02	95 01 2	125 84	1 1 5 0 9	5 × × 78	+ 7	+ 6	69.9	+ 16.3	88.8	77
	Mymensingh	000 77	0 00 00	99 00 0	113 84	0 0 9 0 0	- - - 86	150 77	8 09 02	96 21 6	150 77	8 6 6 × ×	0 × × 75	+ 1	+ 5	53.6	- 15.8	61.7	74
	Srimangal	000 77	1 00 00	94 01 1	103 81	1 2 5 0 0	- - - 90	135 70	8 31 02	93 95 9	151 70	5 5 6 2 6	4 × 5 69		—	79.0	+ 18.3	105.6	91
	Khulna	000 76	2 00 00	96 00 0	105 85	2 3 8 0 0	- - - 91	000 74	4 27 02	98 01 0	142 86	1 8 8 0 0	- - - 77	+ 6	+ 7	45.0	- 7.8	53.9	98
	Satkhira	007 77	6 00 00	97 03 1	104 84	4 4 7 6 0	- - - 91	000 76	6 23 02	97 03 1	127 82	5 4 7 6 0	- - - 76	+ 4	+ 8	34.9	- 15.7	43.6	68
	Jessore	000 78	3 00 00	96 02 1	112 89	3 8 6 0 0	- - - 93	000 74	0 13 03	97 00 0	132 83	0 0 9 0 0	- - - ××			37.8	- 11.1	44.4	65
	Faridpur	000 77	3 00 00	95 05 0	104 84	8 4 7 0 0	9 × × 86	000 75	3 31 02	97 02 1	125 83	2 4 7 1 0	9 × 7 75	+ 2	+ 4	49.2	- 2.5	55.5	65
	Barisal	000 76	2 00 00	97 01 1	102 86	1 2 6 0 8	- - - ××	000 78	1 00 00	98 03 1	132 84	1 1 6 5 0	- - - 77	+ 4	+ 6	62.9	+ 0.6	73.5	71
	Pabna																		81
	Rampur Boalia																		59
	Sirajganj	000 77	8 00 00	92 02 2	099 83	8 4 6 0 0	- - - 88	069 72	8 05 03	98 02 2	142 75	8 4 6 0 0	- - - 74	+ 3	+ 5	54.5	+ 4.8	64.6	56
	Bogra	000 77	7 00 00	95 03 1	101 83	4 8 6 2 0	- - - 89	045 71	8 09 03	95 05 0	141 72	6 0 × 2 —	2 × 0 72	+ 4	+ 3	37.9	- 17.8	44.7	64
	Dinajpur	000 73	7 00 00	×× 02 2	125 80	4 4 7 4 0	- - - 90	000 73	4 00 00	97 02 0	139 80	0 0 9 4 0	- - - 71	+ 5	+ 4	44.3	- 16.3	48.5	69
	Rangpur	000 ××	3 07 02	96 02 1	— —	0 0 9 1 0	- - - -	000 ××	0 09 02	98 00 2	— —	0 0 9 0 0	- - - -		—	69.9	+ 2.4	78.2	72
	Pasni																		84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Allahabad																		
PUNJAB	Lyallpur	000 54	0 34 02	96 00 0	130 85	0 0 0 0 0	- - - 87	000 52	0 20 02	96 00 0	121 65	0 0 0 0 0	- - - 59	- 1	+ 3	5.9	- 3.3	10.2	12
	Lahore	000 50	0 31 05	96 00 0	133 84	0 0 9 0 0	- - - 89	000 51	0 00 00	96 00 0	125 67	0 0 9 0 0	- - - 58	- 1	+ 5	10.6	- 4.0	14.7	19
	Rialkot	000 57	0 31 02	97 00 0	121 81	0 0 9 0 0	- - - 87	000 56	0 05 02	98 00 0	120 68	0 0 9 0 0	- - - 59	- 1	+ 3	13.8	- 10.0	18.7	32
	Jhelum	000 51	0 31 03	98 00 0	134 83	0 0 9 0 0	- - - 86	000 53	0 00 00	98 00 0	124 67	0 0 9 0 0	- - - 57	—		16.9		26.2	...
	Rawalpindi	000 50	0 27 02	98 00 0	137 75	0 0 9 0 0	- - - 81	000 50	0 00 00	96 05 1	123 60	0 0 9 0 0	- - - 52	- 4	+ 1	14.9	- 9.1	25.7	36
	Murree †	000 37	0 04 03	98 00 0	014 57	0 0 9 0 0	- - - 64	000 23	0 07 07	98 00 0	975 59	0 0 9 0 0	- - - 50		—	22.6	- 14.5	14.2	59
	Attock	××× ××	0 36 02	97 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 05 02	98 00 0	— —	0 0 9 0 0	- - - -						
	Khushab	000 65	0 36 05	99 00 0	138 87	0 0 9 0 0	- - - 91	000 56	0 29 05	99 00 0	125 70	0 0 9 0 0	- - - 62	+ 1	+ 4	3.1	- 7.3	7.8	15
	Mianwali																		
	Montgomery	000 55	0 00 00	96 00 0	134 87	0 0 9 0 0	- - - 88	000 53	0 00 00	96 00 0	126 71	0 0 9 0 0	- - - 66	- 3	+ 9	2.5	- 5.0	6.1	10
	Lyallpur	000 70	0 05 02	97 00 0	148 88	0 0 9 0 0	- - - 89	000 56	0 18 02	97 00 0	125 65	0 0 9 0 0	- - - 57			7.0		7.0	8
	Multan	000 54	0 36 02	97 00 0	149 88	0 0 9 0 0	- - - 89	000 57	0 00 00	95 00 0	129 72	0 0 9 0 0	- - - 63	- 1	+ 6	3.8	- 1.2	6.9	7
	Khanpur	000 50	0 09 05	95 05 0	131 91	0 0 9 0 0	- - - 92	000 61	0 23 02	95 05 0	130 70	0 0 9 0 0	- - - 62	0	+ 5	0.3	- 4.5	1.9	6
	Bahawalpur	000 71	0 00 00	97 00 0	136 88	0 0 9 0 0	- - - 90	000 61	0 20 02	97 00 0	127 65	0 0 9 0 0	- - - 62	- 1	+ 6	1.9	- 2.4	5.0	8
	Fort Abbas	000 86	0 23 03	96 00 0	126 97	0 0 9 0 0	× × × 01	000 61	0 23 02	96 00 0	134 68	0 0 9 0 0	0 × × 63			2.8		3.7	6
N. W. F. P.	Dosh *																		
	Chakdara	000 34	0 11 12	99 00 1	055 62	0 0 9 0 0	- - - 66	000 34	0 09 02	99 00 0	121 65	0 0 9 0 0	- - - 51	—	-	3.3		23.5	18
	Cherat *	000 51	0 00 00	99 00 0	145 75	0 0 9 0 0	- - - 81	000 50	0 00 00	98 00 0	142 59	0 0 9 0 0	- - - 54			6.5		18.8	...
	Peshawar	000 49	0 35 10	98 00 0	037 66	0 0 9 0 0	- - - 71	000 45	0 38 09	98 00 0	095 68	0 0 9 0 0	- - - 53	-	- 5.7	6.8	- 5.7	28.9	29
	Parachinar	000 49	0 05 03	98 00 1	145 81	0 0 9 0 0	- - - 83	000 44	1 20 02	98 01 1	123 65	0 0 9 0 1	- - - 59	0	+ 4	1.8	- 2.8	9.1	14
	Miranshah	000 35	0 13 02	99 00 0	041 68	0 0 9 0 0	- - - 71	000 30	0 36 02	99 00 0	984 57	0 0 9 0 0	- - - 49	—		10.7		22.2	29
	Bannu	000 41	0 13 02	99 00 0	029 77	0 0 9 0 0	- - - 80	000 31	0 00 00	94 00 0	002 68	0 0 9 0 0	- - - 57	—	-	3.6	- 1.2	10.5	13
	D. I. Khan	000 39	0 16 02	99 00 0	153 86	0 0 9 0 0	- - - 87	000 47	0 00 00	99 00 0	123 69	0 0 9 0 0	- - - 57	—		0.9		5.8	11
	Wana	000 58	0 00 00	96 00 0	135 85	0 0 9 0 0	- - - 86	000 55	0 00 00	96 00 0	123 59	0 0 9 0 0	- - - 60	- 3	+ 5	1.1	- 4.4	2.3	9
	Landikotal																		11
	Hangu	000 41	0 23 02	99 00 0	026 72	0 0 9 0 0	- - - 73	000 49	0 31 03	94 00 0	994 67	0 0 9 0 0	- - - 55			2.4	—	12.0	...
	Thall	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - -	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	—	--	—		-	—	...
		××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 27 09	99 00 0	— —	0 0 9 0 0	-	-		-	—	—	...
BALUCHISTAN	Fort Sandeman*	000 32	0 00 00	96 05 0	022 78	0 0 9 0 0	- - - 80	000 21	0 00 00	96 05 0	033 57	0 0 9 0 0	- - - 52	+ 1	+ 2	4.1	- 1.0	10.0	11
	Hindubagh	000 25	0 27 09	97 00 0	013 72	0 0 9 0 0	- - - 77	000 30	0 27 05	98 00 0	009 60	0 0 9 0 0	- - - 50			0.6		9.0	...
	Loralai	000 39	0 00 00	96 00 0	003 74	0 0 9 0 0	- - - 79	000 35	0 27 05	96 00 0	041 55	0 0 9 0 0	- - - 47			1.7	—	8.1	...
	Harnai (a)	000 ××	0 00 00	95 00 0	— —	0 0 9 0 0	- - -	000 ××	0 27 02	95 00 0	— —	0 0 9 0 0	- - -			2.0	- 5.2	10.6	14
	Sibi	000 28	0 23 05	99 00 0	130 95	0 0 9 0 0	- - - 97	000 49	0 00 00	96 00 0	135 67	0 0 9 0 0	- - - 67			2.2		3.8	5
	Quetta †	000 37	0 00 00	99 00 0	019 72	0 0 9 0 0	- - - 73	000 31	0 00 00	99 00 0	999 49	0 0 9 0 0	- - - 37			0 9	- 0.2	9 4	9
	Chaman	000 47	0 27 03	97 00 0	037 76	0 0 9 0 0	- - - 79	000 44	0 13 02	97 00 0	070 63	0 0 9 0 0	- - - 56	+ 3	+ 7	0	- 0 3	9.5	8
	Nushki	000 45	0 29 09	98 00 0	034 84	0 0 9 0 0	- - - 86	000 42	0 05 09	96 00 0	092 71	0 0 9 0 0	- - - 65		—	0		5.5	...
	Dalbandin *	000 37	0 07 03	96 00 0	047 84	0 0 9 0 0	- - - 86	000 27	0 00 00	96 00 0	033 58	0 0 9 0 0	- - - 48	+ 1	0	0	- 0.3	1.8	4
	Nokkundi	000 59	0 00 00	99 00 0	120 89	0 0 9 0 0	- - - 92	000 31	0 34 02	99 00 0	168 63	0 0 9 0 0	- - - 58			0		1.0	2
	Kalat †	000 48	0 36 05	98 00 0	023 74	0 0 9 0 0	- - - 78	000 33	0 18 05	98 00 0	023 44	0 0 9 0 0	- - - 39	+ 4	+ 4	0.8	- 0.5	4.7	7
	Turbat	000 75	0 20 03	97 00 0	126 99	0 0 9 0 0	- - - 01	000 41	0 20 02	96 00 0	170 73	0 0 9 0 0	- - - 67	-		0	—	1.4	...
	Panjgur *																		5
	Las Bela	000 72	0 00 00	98 00 0	122 01	0 0 9 0 0	- - - 04	000 54	0 00 00	98 00 0	138 77	0 0 9 0 0	- - - 59		—	1.6	—	1.7	8
	Ormara	000 59	0 27 09	97 00 0	130 84	0 0 9 0 0	- - - 88	000 61	0 00 00	97 00 0	188 69	0 0 9 0 0	- - - 66			0.3	-	3.1	6
	Pasni	000 64	0 23 09	96 00 0	136 86	0 0 9 0 0	× 2 2 92	000 69	0 09 08	96 00 0	147 72	0 0 9 0 0	× 2 2 63	+ 2	- 2	0.8	- 0.1	4 9	5
	Jiwani																		4
SIND	Reti	000 63	0 05 02	99 00 0	134 91	0 0 9 0 0	- - - 93	000 56	0 00 00	96 00 0	136 65	0 0 9 0 0	- - - 61			1.7		2.2	—
	Jacobabad	000 53	0 16 05	96 00 0	136 92	0 0 9 0 0	- - - 65	000 55	0 16 02	96 00 0	131 77	0 0 9 0 0	- - - 66	+ 2	+ 7	0.2	- 2.1	0.7	4
	Sukkur	000 59	0 ×× ××	96 00 0	125 91	0 0 9 0 0	- - - 93	000 61	0 15 ××	96 00 0	133 72	0 0 9 0 0	- - - 67			0.5	-		4
	Padidan	000 58	0 31 05	98 00 0	136 92	0 0 9 0 0	- - - 94	000 58	0 00 00	98 00 0	136 65	0 0 9 0 0	- - - 64			0.8		10.9	—
	Karachi (Manora)	000 78	0 27 09	99 00 0	126 89	0 0 9 0 0	- - - 91	000 66	0 00 00	99 00 0	140 77	0 0 9 0 0	× 0 0 72	+ 4	+ 3	1.5	- 4.5	1.6	3
	Karachi (A. P.)	000 46	0 25 10	97 00 0	126 96	0 0 9 0 0	- - - 90	000 49	0 00 00	99 00 0	141 75	0 0 9 0 0	- - - 66			2.9		3.0	—
	Badin																		—
	Nagarparkar																		9
	Chhor (Umarkot)																		
	Hyderabad	000 74	0 31 05	97 00 0	118 94	0 0 9 0 0	- - - 01	000 59	0 00 00	97 00 0	129 71	0 0 9 0 0	- - - 65			2.3		2.3	...
		000 53	0 05 03	97 00 0	128 93	0 0 9 0 0	- - - 97	000 60	0 00 00	94 05 0	134 71	0 0 9 0 0	- - - 68	+ 2	+ 2	1.3	- 4.3	2.0	7
Junagadh	Veraval																		20
Afghanistan	Kabul							000 25	1 20 07	99 01 0	035 50	0 9 0 1	- - - 40		—	0.7	—	10.5	12
	Jalalabad	000 66	0 00 00	97 00 0	003 83	0 0 9 0 0	8 × × 85	000 52	1 25 02	97 01 0	004 59	0 0 9 0 1	2 9 × 56	—	—	0.5	—	7.0	...
	Kandahar	012 55	0 00 00	98 00 0	010 76	0 0 9 0 0	- - - 82	000 43	0 00 00	97 00 0	004 47	0 0 9 0 0	- - - 47	—	-	0	—	10.5	...

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 30TH OCTOBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_1D_2T_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1D_1D_2T_nT_n$	Departures from Normal T_xT_x	T_nT_n	Rainfall Since 1st June up to date	Deficiency from normal	Since 1st Jan. up to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Chabbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Arabia	Muscat	000 73	2 21 02	97 00 0	158 82	× × × × ×	— — — 87	000 75	8 31 02	97 00 0	164 82	0 0 9 0 4	0 0 0 82	- 1	+ 3	0.0	—	3 4	14
	Bahrah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	000 ××	0 07 05	97 00 0	148 82	0 0 9 0 0	— — — 91	000 ××	1 13 07	97 00 0	162 77	0 0 9 0 9	— — — 70	—	—	5	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre 2,240-2,260 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,000-6,715 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,040-10,080 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
(R) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ sss	S N_s Cb_s b_s	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bizwani	23 219	628 06	0 10 09	99 00 0	183 82	00 9 00	—	—	—	—
Mozaffari	23 181	690 06	0 05 09	99 02 0	185 ××	00 9 00	2 4 300	—	—	—
City of Carlisle	28 150	797 06	7 12 13	99 02 1	178 85	21 6 04	7 6 905	—	0 05 74	—
Bizwani	23 225	686 12	0 ×× ××	99 02 0	162 85	00 9 00	—	—	—	—
Saprea	23 226	677 12	0 24 08	98 02 0	133 82	00 9 00	7 4 811	—	0 01 64	1 38 21
Bizwani	23 230	645 18	0 ×× ××	99 02 0	150 82	—	—	—	0 00 ××	—
Saprea	23 226	669 18	0 32 06	98 02 0	139 82	00 9 00	—	8 4 002	0 02 21	1 30 21
Dwarka	23 238	600 12	1 25 09	99 01 0	164 84	IX 4 00	2 5 810	—	0 01 74	—
Dwarka	23 243	604 18	0 04 05	99 00 0	161 82	00 9 00	2 5 390	—	0 52 75	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—		iiiGG		$P_0P_0P_0T_0T_0$		$T_dT_dT_0T_0X_1X_2$		$P_1P_1h_1h_1h_1$		$T_1T_1T_dT_dT_{X1}$ etc.				5555		$h_1h_1P_1P_1P_1$		$T_1T_1T_dT_dT_{X1}$ etc.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	780 14	011 32	101 60	000 38	310 97	855 09	280 05	700 50	095 08	500 55	579 97	301 87	800 94	555 55	359 00	270 41	448 70	250 17	688 00	170 05	987 18	100 02	086 82	504 00	689 91

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ** 1	2	3	4	5	6	7	8	9	10	11	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ** 1	2	3	4	5	6	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ** 1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	05 03	04 03	34 08	24 04	24 10	23 09	—	—	—	—	21 10	21 00	23 03	—	—	—	—	—	No	ascent	—	—	—	—
Dhubri	35 11	35 08	34 06	33 09	34 09	35 08	01 08	34 11	30 18	27 31	—	—	—	—	—	—	05 07	03 06	01 07	27 08	32 06	03 05	05 11	35 07
Chittagong	30 08	29 01	25 02	29 01	08 02	27 01	—	—	—	—	22 05	24 06	26 06	21 09	19 09	19 13	18 04	19 04	21 06	13 09	20 72	21 05	—	—
Cox's Bazar	25 09	23 08	24 04	10 04	13 04	09 05	23 02	26 09	31 08	—	25 06	21 05	18 05	16 04	16 05	07 06	17 02	17 04	18 04	22 05	22 05	—	—	—
Dacca	03 03	35 02	33 02	22 03	18 04	22 04	25 06	27 11	29 15	26 25	19 02	18 03	18 05	—	—	—	36 10	32 04	26 03	—	—	—	—	—
Dalbandin	—	—	08 06	07 06	06 06	06 05	27 09	27 13	30 11	29 20	—	—	06 03	05 07	35 04	18 08	—	—	07 03	07 06	02 01	30 05	27 10	28 10
Drosh		—	—	—	01 11	01 18	01 12	30 26	—	—	—	—	—	02 01	05 10	01 18	—	—	—	—	03 12	01 22	—	—
Fort Sandeman				31 04	28 05	28 10	29 17	—	—	—	—	—	—	25 05	29 14	32 14	—	—	—	24 05	22 12	20 11	26 13	29 31
Jacobabad	09 18	09 14	09 13	09 15	09 15	07 10	33 02	28 04	29 08	28 09	09 01	32 01	19 05	23 05	24 19	31 10	14 04	20 04	23 07	23 13	27 09	21 12	32 11	—
Jhelum	32 09	32 07	32 12	31 17	31 12	30 07	31 12	31 21	30 27	30 39	38 05	34 18	34 15	33 19	33 09	31 08	36 05	31 12	32 11	33 13	34 18	31 09	31 13	33 15
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	23 02	23 03	16 04	15 08	13 04	13 06	02 05	32 05	27 22	27 42	01 02	02 02	02 01	28 04	24 06	09 06	26 10	24 07	25 07	31 06	09 09	11 14	14 11	33 10
Chanpur	02 13	03 13	06 11	01 03	30 06	30 06	31 11	30 13	—	—	34 10	33 06	13 04	26 06	31 16	—	21 12	25 14	24 13	29 17	33 09	29 06	32 13	33 17
Lahore	32 04	32 14	32 15	32 15	32 08	31 10	30 12	30 23	29 24	29 34	30 21	31 27	30 33	30 36	08 07	11 09	31 10	31 17	31 14	31 18	33 15	33 13	31 15	33 13
Multan	03 04	03 07	03 12	01 08	29 10	26 13	29 18	33 20	30 12	—	27 06	23 09	26 05	28 13	32 17	—	26 07	22 10	28 13	23 13	34 08	01 13	30 12	31 27
Peshawar	..	35 09	33 08	34 11	30 13	33 17	31 31	32 18	30 31	—	—	36 04	32 06	32 17	31 13	33 14	—	07 04	32 08	30 17	33 23	34 23	36 09	34 14
Quetta					32 05	29 05	29 16	29 23	—	—	—	—	—	—	28 18	25 18	—	—			28 23	34 07	30 18	—
Bushire						—					—	—			—						—	—		—
Sharjah						—																—		

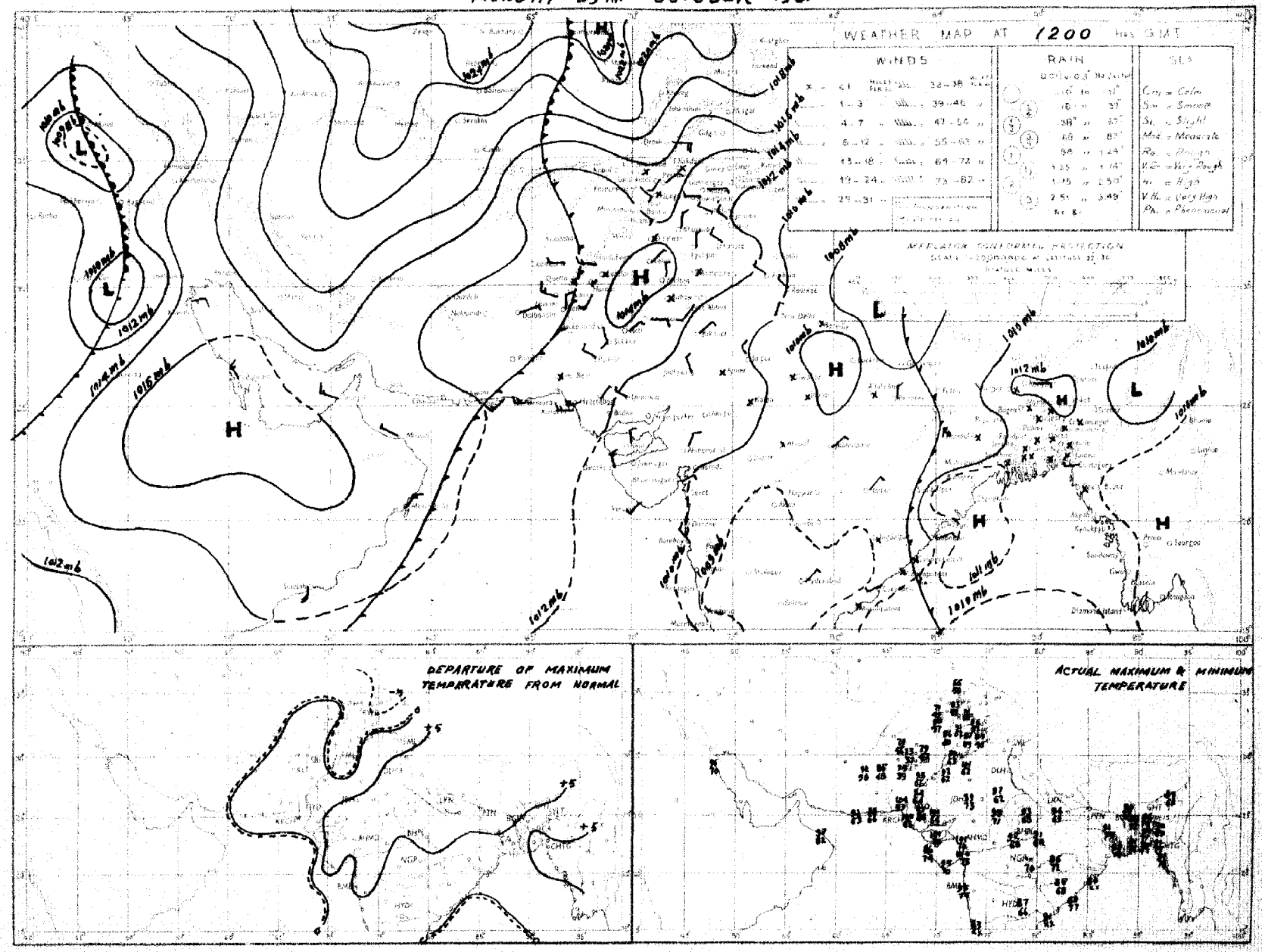
Cloud Observation Data (iiiGG Cddv, v_r)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡ The actual time of observations may vary within half an hour of the specified time.
** The correct levels to which the upper wind reports are 0.5, 0.6, 0.8, 1.0, 1.2, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0 km. The levels given at the head of the columns are approximate equivalents, given in hundreds.

S. P. W.

PAKISTAN DAILY WEATHER MAP

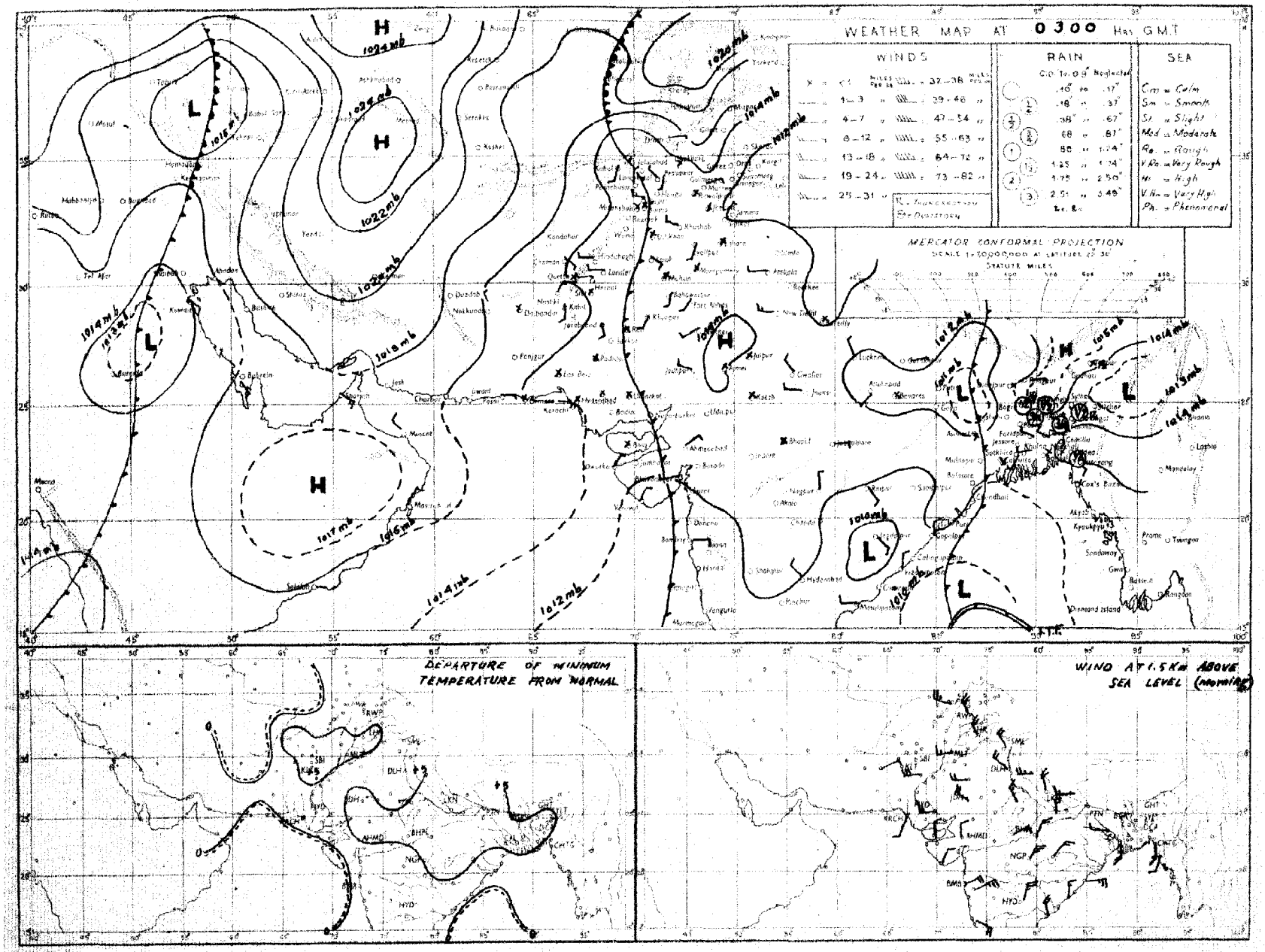
MONDAY 29th OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 30th. OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR WEDNESDAY, THE 31ST OCTOBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance over Iraq moved eastnortheastwards and now lies over northwest Iran.
Its associated trough extends to east Persian Gulf.
A western disturbance is moving across Russian Turkistan and is likely to affect the extreme north of West Pakistan.
The trough of low off Circars coast persists.
Local rain/thundershowers have occurred in East Pakistan.

Chief amounts of rainfall are:—Jessore and Sirajganj 1½" each; Brahmanbaria ¾"; Comilla, Srimangal and Satkhira ½" each and Noakhali ¼".

Night temperatures were appreciably to markedly above normal over the country outside west Baluchistan.

Forecast valid until the evening of 1st:—Local rain will occur in East Pakistan and scattered thunderstorms in the North-West Frontier Province and Kashmir. Morning mist/fog is likely along Sind-Mekran coast.

Karachi-11.
The 31st October, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Ts	Tn Th	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 73	2 00 00	95 01	1 104 83	2 1 6 0 0	- - - 92	000 73	7 00 00	96 03	1 134 85	1 1 6 3 0	1 × 0 78	+ 6	+ 7	111.8	- 5.0	121.5	140
	Chittagong	000 71	4 07 05	96 02	1 110 75	1 3 6 7 0	0 × 9 87	000 71	6 07 02	97 02	1 129 80	0 0 9 7 9	0 9 9 71	+ 2	+ 8	104.8	+20.1	134.5	108
	Noakhali	019 75	8 00 00	93 01	6 ××× 77	5 8 5 2 -	- - - 87	022 72	7 00 00	95 03	6 ××× 78	3 2 5 5 2	- - - 73	+ 2	+ 3	—	—	—	115
	Comilla	045 74	8 18 05	98 03	6 106 77	8 5 7 0 0	7 0 0 87	045 72	3 05 02	98 03	1 131 79	0 0 9 2 0	9 0 0 72	+ 1	+ 2	123.9	+53.9	231.2	94
	Brahmanbaria	—	—	—	—	—	—	080 71	3 00 00	97 03	1 134 83	0 0 9 0 9	0 6 × 71	—	—	63.4	+ 9.0	73.3	78
	Dacca	××× 72	5 23 02	×× 03	1 103 75	3 5 6 4 0	3 × × 84	××× 73	4 09 01	97 01	2 128 83	3 8 4 4 0	3 × × 72	—		—			...
	Narayanganj	005 73	8 00 00	×× 01	1 108 77	8 0 7 7 -	4 × 0 86	005 72	2 13 02	95 01	6 125 84	2 0 7 3 0	9 × 5 74	0	+ 2	69.9	+16.3	88.8	74
	Mymensingh	000 77	8 00 00	99 02	2 103 78	8 4 7 - -	- - - 83	000 77	0 00 00	99 00	0 140 80	0 0 9 0 0	- - - 75	- 2	+ 5	53.8	- 15.0	81.7	91
	Srimangal	046 71	8 00 00	97 02	9 106 72	8 5 5 - -	8 × × 78	040 73	4 09 02	96 02	1 136 78	1 2 6 3 0	- - - 68		-	79.5	+13.0	106.1	98
	Comilla	000 70	8 11 02	97 03	5 115 75	8 7 7 0 0	- - - 90												68
	Khulna	057 73	8 13 02	95 62	5 118 75	6 9 6 6 0	- - - 91	057 77	6 05 02	97 03	6 137 80	4 4 7 6 0	- - - 73	+ 5 + 4	+ 5	35.4	- 15.2	44.2	65
	Satkhira	155 71	8 09 02	95 03	6 109 74	8 8 6 - -	1 0 0 92	155 74	4 11 03	97 01	6 145 80	4 8 6 0 0	- - - -			38.8	- 9.7	45.9	65
	Jessore	065 70	7 16 09	95 02	6 109 76	7 7 5 0 0	4 × × 83							- 1					71
	Faridpur	000 72	8 34 02	97 03	1 115 76	6 7 5 2 -	- - - 92							+ 7					81
	Barisal																		
	Pabna																		59
	Rampur Boalia	126 71	8 13 02	96 02	3 104 74	8 4 6 - -	9 0 0 85	126 72	2 13 02	99 01	1 135 78	2 6 7 0 0	9 0 0 71	0	+ 2	55.9	+ 6.0	65.9	56
	Sirajganj	006 70	6 13 02	96 02	1 103 75	2 1 6 4 0	- - - 86							+ 1					64
	Bogra	003 71	8 09 02	×× 01	2 105 83	0 0 9 0 8	- - - 87							+ 2					69
	Dinajpur	000 ××	4 07 02	96 02	1 — —	4 1 8 0 0	- - - -	000 ××	3 09 02	98 02	1 — —	3 1 8 0 0	- - - ××		—	69.9	+ 2.3	78.2	72
	Rangpur																		84
KASHMIR	Srinagar †																		—
	Gulmarg †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Miagar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 53	0 00 00	96 00	0 077 86	0 0 9 0 0	- - - 92	000 52	2 18 02	96 01	0 112 65	0 0 9 0 2	- - - 63	+ 4	+ 7	5.9	- 3.8	10.2	12
	Lahore	000 57	0 31 02	96 00	0 081 86	0 0 9 0 0	- - - 91	000 53	0 00 00	95 05	0 124 48	0 0 9 0 0	- - - 53	+ 1	+ 5	10.6	- 4.0	14.7	19
	Sialkot	000 60	0 00 00	98 00	0 081 81	0 0 9 0 0	- - - 89	000 68	0 00 00	98 00	0 130 73	0 0 9 0 0	- - - 61	+ 1	+ 5	13.8	-10.0	18.7	32
	Jhelum	000 50	0 00 00	98 00	0 088 82	0 0 9 0 0	- - - 86	000 55	× 00 00	96 03	1 133 64	0 0 9 3 0	- - - 56	—		16.9		26.2	...
	Rawalpindi	000 61	0 00 00	99 00	0 081 78	0 0 9 0 0	- - - 87	000 48	2 00 00	97 01	1 148 62	0 0 9 1 0	- - - 53	+ 2	+ 2	14.9	- 9.1	25.7	36
	Murree †	000 34	0 00 00	98 00	0 069 57	0 0 9 0 0	- - - 87	000 54	2 27 07	98 01	1 984 54	0 0 9 0 4	2 0 × 50		—	22.0	- 14.5	14.2	59
	Attock							××× ××	2 09 02	97 01	0 — —	0 0 9 0 8	- - - ××			—		—	—
	Khushab	000 66	0 16 05	99 00	0 080 86	0 0 9 0 0	- - - 90	000 55	0 07 02	99 00	0 123 68	0 0 9 0 0	- - - 60	0	+ 2	3.1	- 7.3	7.8	15
	Montgomery	000 68	0 00 00	97 00	0 083 89	0 0 9 0 0	- - - 93	000 54	0 27 03	96 00	0 114 70	0 0 9 0 0	- - - 65	+ 2	+ 8	2.5	- 5.0	6.1	10
	Lyallpur	000 76	0 13 02	97 00	0 068 94	0 0 9 0 0	- - - 95	000 55	0 00 00	97 00	0 113 65	0 0 9 0 0	- - - 59			0.9		6.9	8
	Multan							000 52	0 00 00	96 00	0 117 66	0 0 9 0 0	- - - 64		+ 7	3.8	- 1.2	6.9	7
	Khanpur	000 52	0 23 03	97 05	0 076 91	0 0 9 0 0	- - - 95	000 58	0 23 05	95 05	0 109 76	0 0 9 0 0	- - - 63	+ 3	+ 6	0.3	- 4.5	1.9	6
	Bahawalpur	000 72	0 00 00	97 00	0 075 93	0 0 9 0 0	- - - 96	000 57	0 20 02	97 00	0 108 67	0 0 9 0 0	- - - 63	+ 5	+ 7	1.9	- 2.4	5.0	6
	Fort Abbas	000 86	0 23 03	96 00	0 078 97	0 0 9 0 0	- - - 00	000 00	0 23 02	96 00	0 108 72	0 0 9 0 0	- - - 62		-	2.8		3.7	8
N. W. F. P.	Drosh *	000 22	0 11 07	99 00	0 088 ××	0 0 9 0 0	- - - 71	000 35	0 00 00	99 00	0 049 51	0 0 9 0 0	- - - 59	—		3.3		23.5	18
	Chakdara	000 54	0 20 03	99 00	0 092 76	0 0 9 0 0	- - - 83	000 47	0 00 00	98 00	0 149 57	0 0 9 0 0	- - - 51		—	6.5	—	18.8	—
	Dherai *	000 41	0 18 07	98 00	0 084 72	0 0 9 0 0	- - - 79	000 52	1 18 09	98 01	0 010 61	0 0 9 0 4	0 2 × 55			6.8	- 5.7	28.9	29
	Peshawar	000 51	3 02 03	98 03	1 074 81	0 0 9 0 1	- - - 88	000 44	2 00 00	98 02	1 130 64	0 0 9 1 1	- - - 57	+ 5	+ 2	1.8	- 2.8	9.1	14
	Parachinar	000 23	0 13 02	99 00	0 051 73	0 0 9 0 0	- - - 78	000 32	1 00 00	99 01	1 986 60	0 0 9 3 0	2 × 6 48	—	—	11.0		28.5	29
	Miranshah							000 35	0 00 00	99 00	0 096 63	0 0 9 0 0	- - - 56	—	—	3.6	- 1.2	10.5	13
	Bannu	000 44	0 00 00	×× ××	× 074 86	0 0 9 0 0	- - - 87	000 50	0 00 00	99 00	0 117 64	0 0 9 0 0	- - - 59	—	—	0.9		5.8	11
	D. I. Khan	000 54	0 00 00	96 00	0 067 91	0 0 9 0 0	- - - 91	000 54	0 00 00	96 00	0 107 63	0 0 9 0 0	- - - 59	+ 2	+ 4	1.1	- 4.4	2.3	9
	Wana																		11
	Landikotal	000 38	2 13 03	99 02	1 061 78	0 0 9 4 0	- - - 82	000 46	1 00 00	99 02	1 096 62	1 4 9 0 0	- - - 55		-	2.4	—	12.0	...
	Haangu	××× ××	0 00 00	97 00	0 — —	0 0 9 0 0	- - - ××						- - - ××	--					...
	Thall	××× ××	0 18 09	99 00	0 — —	0 0 9 0 0	- - - ××	××× ××	0 09 09	99 00	0 — —	0 0 9 0 0	- - - ××	—			—	—	—
BALUCHISTAN	Fort Sandeman*	000 14	0 00 00	96 05	0 085 80	0 0 9 0 0	- - - 84	000 24	0 00 00	96 05	0 097 57	0 0 9 0 0	- - - 52	+ 5	+ 2	4.1	- 1.0	10.0	11
	Hindubagh	000 11	0 31 12	97 00	0 068 72	0 0 9 0 0	- - - 77	000 25	0 23 02	98 00	0 002 53	0 0 9 0 0	- - - 46			0.6		9.0	...
	Loralai	000 31	0 13 05	96 00	0 064 75	0 0 9 0 0	- - - 82	000 27	0 27 05	98 00	0 007 56	0 0 9 0 0	- - - 47			1.7	—	8.1	—
	Harnai (a)	000 ××	0 27 02	96 00	0 — —	0 0 9 0 0	- - -	000 ××	0 18 02	98 00	0 —	0 0 9 0 0	- - - ××			2.0	- 5.7	10.6	14
	Sibi	000 51	0 13 05	99 00	0 075 93	0 0 9 0 0	- - - 95	000 44	0 00 00	98 00	0 106 66	0 0 9 0 0	- - - 61			2.2		3.8	5
	Quetta †	000 32	0 02 02	99 00	0 077 72	0 0 9 0 0	- - - 74	000 37	2 00 00	97 01	0 075 47	0 0 9 0 2	- - - 56			0.9	- 0.2	9.4	9
	Cheman	000 44	0 31 02	97 00	0 084 77	0 0 9 0 0	- - - 81	000 40	0 11 02	97 00	0 098 62	0 0 9 0 0	- - - 55	+ 5	+ 6	0	- 0.3	9.6	8
	Nushki	000 51	0 28 07	97 00	0 038 83	0 0 9 0 0	- - - 85	000 41	2 05 00	96 02	0 061 72	0 0 9 0 1	2 9 0 65	—	—	0		5.5	...
	Dalbandin *	000 36	0 00 00	96 00	0 091 87	0 0 9 0 0	- - - 88	000 28	0 00 00	96 00	0 095 50	0 0 9 0 0	- - - 47	+ 3	- 1	0	- 0.3	1.8	4
	Nokkundi	000 58	1 13 02	99 03	0 073 89	0 0 9 0 1	0 0 × 90	000 25	× 34 02	99 03	0 132 61	0 0 9 0 1	0 0 2 56		-	0		1.0	2
	Kalat †	000 51	0 36 05	98 00	0 093 71	0 0 9 0 0	- - - 73	000 30	0 18 05	98 00	0 001 43	0 0 9 0 0	- - - 38	+ 4	+ 3	0.8	- 0.5	4.7	7
	Turbat	000 40	0 25 02	97 00	0 089 93	0 0 9 0 0	- - - 98	000 44	0 07 02	96 00	0 129 73	0 0 9 0 0	- - - 69	-		0	—	1.4	—
	Panjgur *	000 33	0 23 02	97 00	0 083 85	0 0 9 0 0	- - - ××	000 ××	0 36 05	97 00	0 003 57	0 0 9 0 0	- - - 50	-				3.2	5
	Las Bela	000 73	0 00 00	99 00	0 080 99	0 0 9 0 0	- - - 02	000 56	0 00 00	98 00	0 115 75	0 0 9 0 0	- - - 57	-	—	1.6	—	1.7	8
	Gwadar	000 75	0 18 05	96 00	0 095 88	0 0 9 0 0	- - - 90	000 63	0 00 00	96 00	0 115 65	0 0 9 0 0	- - - 62	—		0.3	- 0.5	3.1	6
	Pasni							000 71	0 09 05	94 42	4 121 72	0 0 9 0 0	2 × × 65		0	0.8	- 0.1	4.9	6
	Jiwani																		4
SIND	Reti	000 52	0 27 05	96 00	0 083 92	0 0 9 0 0	- - - 96	000 51	0 13 02	96 00	0 109 66	0 0 9 0 0	- - - 59			1.7	—	2.2	—
	Jacobabad	000 46	0 16 03	96 05	1 082 92	0 0 9 0 0	- - - 65	000 53	0 05 02	96 00	0 109 69	0 0 9 0 0	- - - 63	+ 2	+ 4	0.2	- 2.1	0.7	4
	Sukkur	000 56	0 ×× ××	96 00	0 082 94	0 0 9 0 0	- - - 97	000 58	0 ×× ××	96 00	0 102 68	0 0 9 0 0	- - - 63			0.5	—	1.0	4
	Padidan	000 43	0 00 00	98 00	0 082 96	0 0 9 0 0	- - - 97	000 55	0 00 00	98 00	0 102 68	0 0 9 0 0	- - - 58	—	—	0.8	—	0.9	—
	Karachi (Manora)	000 70	0 27 09	99 00	0 095 82	0 0 9 0 0	- - - 86	000 71	1 00 00	98 00	0 120 74	0 0 9 0 0	- - - 73	- 1	+ 4	1.5	- 4.5	1.6	3
	Karachi (A. P.)	000 54	0 27 10	98 00	0 096 94	0 0 9 0 0	- - - 98	000 65	0 00 00	96 03	4 122 69	1 1 6 0 0	- - - 66		—	2.9		3.0	—
	Badin																		2
	Nagarparkar																		—
	Chhor (Umarkot)	000 74	0 00 00	97 00	0 082 91	0 0 9 0 0	- - - 99	000 64	0 00 00	97 00	0 108 75	0 0 9 0 0	- - - 65	-	-	2.3	—	2.3	—
	Hyderabad	000 68	0 23 05	97 00	0 087 98	0 0 9 0 0	- - - 01	000 58	0 23 02	97 00	0 114 69	0 0 9 0 0	- - - 67	+ 6	+ 1	1.8	- 4.3	2.0	7
Jacobabad	Veraval																		20
Afghanistan	Kabul					0 0 9 0 1	- - - 75	000 27	3 02 03	99 02	1 013 44	0 0 9 0 9	- - - 42	-	-	0	—	10.6	12
	Jalalabad	000 84	5 02 02	99 02	1 003 73	0 0 9 8 1	3 9 × 92	000 58	3 00 00	97 03	1 002 61	0 0 9 5 0	2 × 9 54	—	—	0.5	—	6.9	—
	Kandahar	000 60	× 09 02	97 02	1 994 85			000 43	0 00 00	97 00	0 894 47	0 0 9 0 0	- - - 40		-	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 31ST OCTOBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1 D_s D_M T_s T_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1 D_s D_M T_s T_n$	Departure from Normal $T_s T_n$	$T_s T_n$	Rainfall Since 1st June to date	Departure from normal	Since 1st Jan. to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Jask	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5
	Mashed	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
	Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11
Arabia	Muscat	--	000 74	0 31 09	97 00 0	120 83	0 0 9 0 0	- - - 84	000 60	0 00 00	96 00 0	124 81	0 0 9 0 2	- - - ××	- 4	--	0	--	3 3	4
	Sharjah	--	000 ××	5 00 00	97 01 0	133 81	0 0 9 5 0	- - - 83	000 ××	3 34 12	97 01 0	158 73	0 0 9 0 2	- - - 69	--	--	--	--	--	4
	Kuwait	--													--	--	0	--	1 5	3

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports From Ships

SHIP	YQ $i_n i_n i_n$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ spp	8 $N_s Ch_s h_s$	0 $T_s T_s T_d T_d$	1$d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	33 251	626 06	0 11 05	99 00 0	153 79	00 9 00	2 5 103	--	0 02 69	--
Kizwani	33 252	662 06	0 03 05	99 00 0	152 82	00 9 00		--		
City of Delhi	33 193	592 20	0 03 05	99 00 0	133 88	00 9 00	1 4 013	--	0 51 76	1 03 ×0
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoXtX2	PtPthtbtht	TtTtTdtTdtTxt etc.	5555	hrhrPrPrPr	TtTtTdtTdtTxt etc.
1	2	3 4 5 6	7 8	9 10 11	12 13 14	15 16	17 18	19 20 21	22 23 24 25 26
Karachi	780 14	007 30 178 60	000 29 301 56	854 96 190 05	700 34 106 11	509 20 589 91	301 61 809 91	555 55 339 00	240 11 678 00 105 21 456 00 019 91 515 85 009 90 484 00 699 94 803 50

PPP—Pressure in hundreds, tens and units of millibars, hh—Height in thousands, and hundreds of feet.
PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	13 09										22 12	16 08	20 11	21 08										
Chhor	24 04	25 05	25 06	33 10	02 08	35 02	02 05	01 07	28 12								22 12	22 15	22 17	21 15	13 08	33 05	21 01	32 04
Chittagong	36 14	31 05	28 05								01 05	04 02	25 03	23 03	22 05		05 06	08 08	26 02	12 01	16 06	16 17	27 02	
Cox's Bazar	20 06	19 05	21 06	20 04	16 07	31 06	27 11	28 15			15 03	17 01	12 01	16 05	15 09	17 07	14 01	12 12	13 03	12 01	12 08	08 09	30 01	
Dacca	07 08	03 12	05 10	29 04	28 12						29 04	29 05	28 06	27 09			21 05	26 04	31 02	28 01	18 03	16 02	27 12	
Dalbandin			11 01	30 01	23 03	27 07	26 18	27 21	28 20	28 27			30 03	28 04	19 01	26 09			05 02	18 03	30 01	35 12	25 22	26 21
Drosh					03 14	30 21	18 08	28 17	25 23					05 04	03 18	01 08					04 07	01 18	33 06	26 27
Fort Sandeman				23 04	27 09	23 03	29 15	29 26	29 27	29 40				01 01	31 00	33 10				28 03	25 04	21 04	21 07	27 14
Jacobabad	25 05	24 05	25 05	26 04	26 04	28 09	28 09	29 18	28 29	26 44	26 04	21 06	21 06	22 07	27 04	30 05	07 07	05 04	01 02	20 05	11 02	25 09	33 17	24 29
Jhelum	17 02	18 04	19 04	11 02	34 04	34 07	31 12	31 13	28 23	31 30	03 04	07 01	29 02	31 00	35 07	31 05	34 02	16 01	17 01	08 01	31 03	34 06	28 07	30 15
Jiwani																								
Karachi	26 07	25 07	24 03	11 04	17 05	31 05	32 09	32 12	31 12	29 21	26 09	27 07	27 11	26 12	19 03	30 01	27 12	23 14	22 14	24 13	20 06	13 06	02 13	23 15
Khanpur	25 18	24 19	25 23	20 04	22 03	29 10	30 19	27 20			25 18	24 20	23 19	25 15	25 05	29 15	23 13	23 26	24 23	26 17	33 10	31 06	28 33	27 11
Lahore	31 08	31 12	29 11	29 10	32 12	32 10	32 15	30 20	29 30	09 41	27 04	30 07	33 08	34 12	24 01	31 01	10 03	29 03	29 05	30 09	32 17	33 06	28 09	28 29
Multan	19 06	19 07	20 05	24 05	26 06	28 07	29 23	29 32			22 19	22 16	21 17	20 16	21 07	36 11	22 05	28 10	20 10	26 11	22 04	20 02	29 05	27 13
Peshawar		11 56	13 06	29 13	30 11	32 08	31 08	26 12	27 19	29 35	-	33 06	34 04	19 06	25 06	22 06		35 06	36 12	36 09	15 02	34 04	24 10	24 16
Quetta					30 09	29 08	27 22	27 21	28 28	28 30					13 09	30 13	-	-			28 03	32 11	29 13	-
Bushire						-					-	-	-	-	-						-	-	-	
Sharjah						-																-		

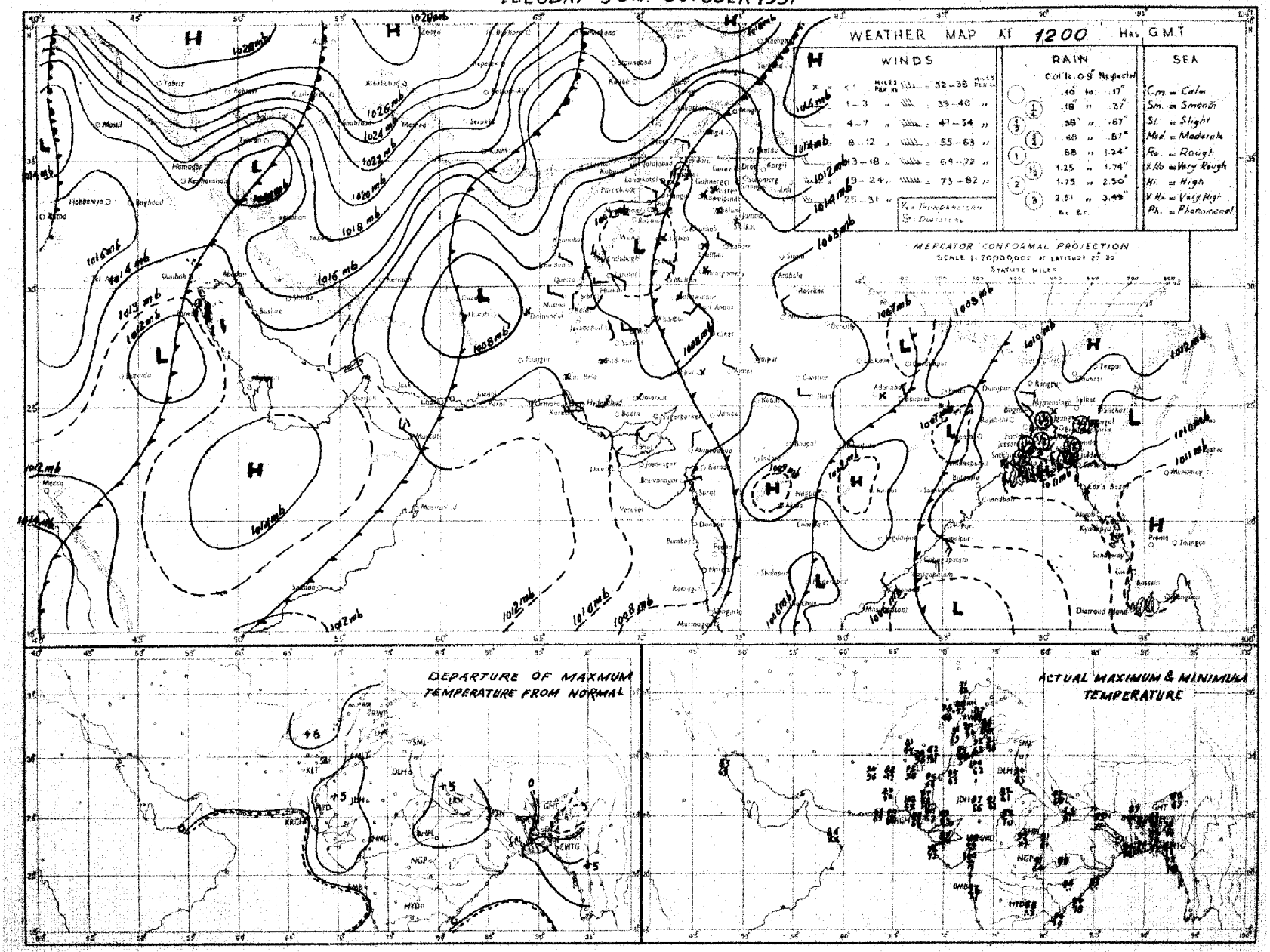
Cloud Observation Data (iiiGG Cddv, v_r)

‡Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

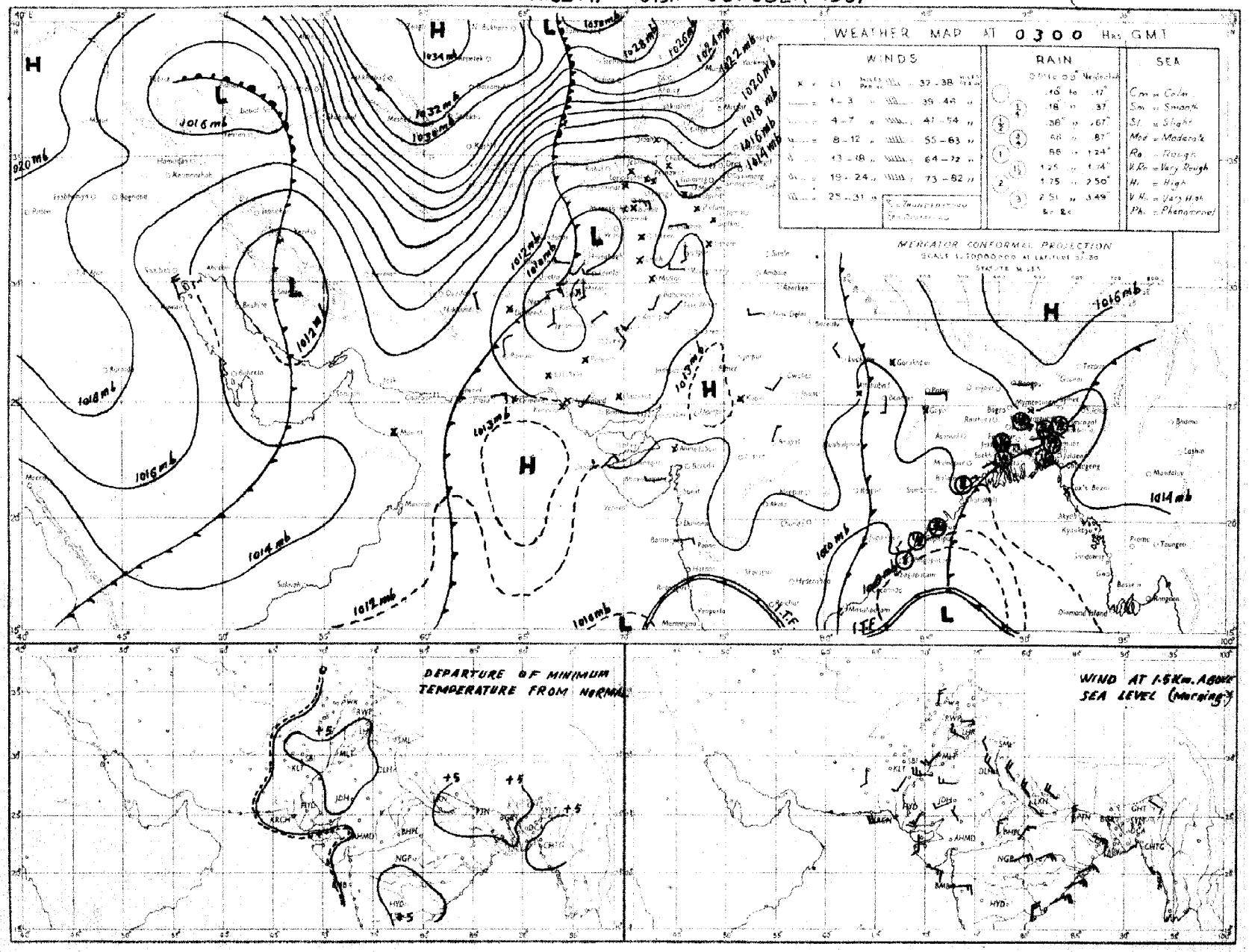
TUESDAY 30th: OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 31st OCTOBER 1951



Rainfall amounds indicated in the above chart refer to past 24 hours.

Checked by [illegible]

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 1ST NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The trough of low off Circar Coast persists and has become more marked.
Yesterday's western disturbance over Russian Turkistan is affecting the extreme north of West Pakistan.
The western disturbance over northwest Iran now lies east of Caspian Sea. Its associated trough extends from central Iran to east Persian Gulf. The system is moving eastnortheastwards.
A western disturbance is approaching Iraq.
Local rain/thundershowers have occurred in East Pakistan.

Chief amounts of rainfall are :—Sirajganj 1½"; Faridpur ½" and Noakhali and Barisal ¾" each.

Night temperatures were markedly to considerably above normal in West Pakistan outside lower Sind and south Baluchistan and appreciably to markedly so in East Pakistan.

Forecast valid until the evening of 2nd :—Local rain/thundershowers will occur in East Pakistan and scattered thunderstorms/showers in the upper North-West Frontier Province and Kashmir.

Morning mist/fog is likely along Sind-Mekran coast.

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WEATHER BUREAU

Karachi-11.
The 1st November, 1951.

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

OBSERVATIONS

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WLDHDMTXTX	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WLDHDMTXTX	Departure from Normal TxTx	TnTn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 71	7 00 00	94 03	5 109 77	4 2 5 2 0	- - × 99	010 72	8 00 00	96 03	5 137 79	× × × × ×	4 × 0 74	+ 4	+ 3	0.1	- 0.2	121.5	140
	Chittagong	000 71	7 00 00	96 02	1 104 80	6 8 7 0 ×	- - × 85	000 75	7 14 02	97 02	1 130 78	7 6 0 0	- - - 71	0	+ 4	0	- 0.2	134.5	108
	Noakhali	000 74	7 00 00	93 02	2 ××× 81	× 5 6 - -	- - - 89	022 73	7 00 00	96 03	6 ××× 77	3 2 4 5 2	- - - 74	- 4	-	0 2	+ 0 1		115
	Comilla	000 74	4 18 02	98 03	1 110 77	4 4 7 0 0	- - - 77	000 72	4 36 05	98 01	1 136 79	4 3 7 0 0	- - - 72	- 0	+ 4	0	- 0 1	231.2	94
	Brahmanbaria	000 75	4 00 00	97 03	1 098 81	4 4 5 0 0	- - - 88	000 73	3 00 00	97 01	1 138 83	3 - 7 4 0	0 × 6 73	—	—	0	0	73.3	78
	Dacca	××× 72	7 00 00	96 02	9 099 73	3 5 6 7 0	- - - 86												
	Narayanganj	003 73	3 00 00	×× 01	5 085 77	3 0 7 7 0	7 - × 88	003 72	3 09 02	95 01	6 125 87	1 1 5 4 0	9 × 0 72	+ 2	+ 2	Tr.	- 0.1	88.9	74
	Mymensingh	000 76	0 09 02	99 00	9 110 82	0 0 9 0 0	- - - 84	000 77	0 00 00	99 00	0 150 80	0 0 9 0 0	- - - 76	- 1	+ 8	0	- 0 1	61.7	91
	Srimangal	046 78	7 00 00	93 03	1 098 80	5 8 6 3 2	- 6 2 86	000 73	5 00 00	96 02	1 139 80	3 2 6 3 0	- - × 70	-	7	0	- 0.1	106.1	98
	Khulna	000 73	3 00 00	96 00	0 105 79	3 × 8 0 0	- - - 85	000 73	4 09 02	97 01	1 147 81	4 8 8 0 0	- - - 75	0	+ 7	0	- 0 1	53.4	68
	Satkhira	000 77	6 00 00	96 03	1 098 81	4 4 7 6 0	- - × 91	000 74	5 31 03	97 03	1 128 82	4 4 7 0 0	- - - 74	+ 4	+ 8	0	- 0.1	44.2	65
	Jessore	000 72	6 10 02	96 03	2 097 81	6 8 6 0 0	- - - 87	000 72	0 05 05	97 00	1 138 82	0 0 9 0 0	- - - 72	—	-	0	- 0.1	45.9	65
	Faridpur	043 73	7 00 00	95 02	9 103 75	7 7 5 1 0	5 - × 80	042 70	5 00 00	97 02	1 140 76	1 4 7 1 0	9 × 1 71	- 4	+ 2	0.4	+ 0.3	55.9	71
	Barisal	027 73	4 00 00	97 01	6 102 80	1 2 6 7 9	- × × 82	027 73	4 07 02	98 01	2 137 80	1 1 6 5 0	- - - 73	- 3	+ 4	0.3	+ 0.1	73.8	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	128 69	8 31 03	92 56	6 098 71	8 7 5 0 0	- - - 83	134 73	1 00 00	99 01	1 145 80	1 8 8 × ×	9 0 0 70		+ 3	1.3	+ 1.3	67.2	64
	Bogra	000 73	4 13 02	96 03	1 094 80	4 8 6 0 0	- - - 84	000 75	3 02 02	96 03	1 155 79	3 2 6 0 0	- - - 71	- 1	+ 5	0	- 0.1	45.0	69
	Dinajpur	000 69	0 00 00	×× 00	2 120 84	0 0 9 0 0	- - - 84	000 71	0 00 00	97 00	0 156 80	0 0 9 0 0	- - - 69	- 1	+ 4	0	0	48.6	72
	Rangpur	000 ××	0 00 00	96 02	1 — —	0 0 9 0 0	- - - ××	000 ××	0 09 02	98 02	1 —	0 0 9 0 0	- - - -		—	0	0	78.2	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 56	0 00 00	96 00	0 077 86	0 0 9 0 0	- - - 91	000 51	4 16 04	96 01	0 131 70	0 0 9 0 3	0 3 0 66	+ 3	+14	0	0	10.2	12
	Lahore	000 65	0 00 00	96 00	0 092 83	0 0 9 0 0	- - - 92	000 53	6 30 03	96 03	1 138 68	0 0 9 0 1	3 6 × 59	+ 2	+ 8	0	0	14.7	19
	Sialkot	000 57	2 00 00	97 0*	0 087 82	0 0 9 0 2	- - - 90	000 55	3 13 02	97 03	0 136 73	3 6 8 6 0	- - - 64	+ 2	+10	0	0	18.7	32
	Jhelum	000 57	1 00 00	97 02	1 090 82	0 0 9 0 1	- - - 89	000 58	8 00 00	96 03	1 147 67	0 0 9 0 6	- - - 57	—	-	0		26.2	—
	Rawalpindi	000 54	0 00 00	99 00	0 089 78	0 0 9 0 0	- - - 89	000 49	5 36 02	98 02	1 151 62	0 0 9 2 0	- - - 55	+ 4	+ 7	0	0	25.7	36
	Murree †	000 41	0 00 00	98 00	1 077 58	0 0 9 0 0	9 × × 65	000 33	4 31 02	98 01	1 093 53	0 0 9 0 8	2 4 × 49	+ 5	+ 5	0	0	14.2	59
	Attock	××× ××	2 18 06	97 00	0 — —	0 0 9 0 1	- - - —	××× ××	2 13 05	98 00	0 — —	0 0 9 0 8	- - - -	-		-		—	—
	Khushab	000 65	0 11 05	98 00	0 087 80	0 0 9 0 0	- - - 90	000 57	0 09 05	99 00	0 137 68	0 0 9 0 0	- - - 61	0	+ 7	0	0	7.8	15
	Montgomery	000 65	0 00 00	97 00	0 077 90	0 0 9 0 0	- - - 95	000 53	3 00 00	96 01	0 129 69	0 0 9 0 1	- - - 63	+ 4	+ 8	0	0	6.1	10
	Leiah	000 71	0 05 02	97 00	0 092 90	0 0 9 0 0	- - - 91	000 59	0 00 00	97 00	0 130 66	0 0 9 0 0	- - - 60			0		6.9	8
	Multan	000 62	0 00 00	97 00	0 078 92	0 0 9 0 0	- - - 93	000 57	0 00 00	97 00	0 129 69	0 0 9 0 0	- - - 61	+ 3	+ 7	0	0	6.9	7
	Khanpur	000 56	0 31 02	94 04	0 077 92	0 0 9 0 0	- - - 95	000 58	0 21 03	95 05	0 136 70	0 0 9 0 0	- - - 59	+ 3	+ 4	0	0	1.9	6
	Bahawalpur	000 69	0 00 00	97 00	0 075 93	0 0 9 0 0	- - - 97	000 53	0 00 00	97 00	0 127 66	0 0 9 0 0	- - - 60	+ 6	+ 6	0	0	5.0	6
	Fort Abbas	000 55	0 23 02	96 00	0 081 94	0 × × 01	000 60	0 23 02	96 00	0 133 70	0 0 9 0 0	- - - 61				0		3.7	8
N. W. F. P.	Drosh *	000 29	0 13 02	99 00	1 079 67	0 0 9 0 0	- - - 76	000 39	5 00 00	98 02	1 040 54	0 0 9 5 0	3 × 5 51	—	+ 5	0		23.5	—
	Chakdara	000 55	0 20 02	99 00	0 085 77	0 0 9 0 0	- - - 85	000 48	0 31 03	98 00	0 153 59	0 0 9 0 0	- - - 52			0	—	18.8	18
	Cherat *	000 42	0 18 05	97 00	1 088 71	0 0 9 0 0	3 × × 77	000 45	2 13 02	97 03	1 023 58	0 0 9 0 3	- - - 57		+ 5	0	0	28.9	—
	Peshawar	000 53	3 00 00	96 03	1 088 81	0 × 5 84	000 47	3 00 00	97 01	1 141 64	0 0 9 0 5	- - - 59	+ 1	+ 6	0	0	9.1	29
	Parachinar	000 33	1 18 02	99 01	1 074 68	3 × 6 79	000 39	0 36 02	98 02	1 025 50	0 0 9 3 6	2 0 0 48				0		28.5	14
	Miranshah	000 42	0 07 03	99 00	0 065 79	0 0 9 0 0	- - - 82	000 43	5 00 00	98 02	1 010 63	5 0 8 3 3	- - - 58		-	0	0	10.2	29
	Bannu	000 51	0 09 02	99 00	0 091 85	0 0 9 0 0	- - - 87	000 53	5 00 00	99 02	1 128 65	5 3 8 0 0	- - - 68	—		0		5.8	18
	D. I. Khan	000 56	0 05 02	96 00	0 081 89	0 0 9 0 0	- - - 90	000 51	0 00 00	96 00	0 121 64	0 0 9 0 0	- - - 60	+ 1	+ 8	0	0	2.3	11
	Wana																		6
	Landikotal	000 45	2 05 03	99 02	1 075 13	0 0 9 7 0	- - - 76	000 48	2 00 00	99 02	1 009 62	0 0 9 7 0	- - - 52			0	—	12.0	11
	Hangu	××× ××	0 00 00	97 00	0 — —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00	0 — —	0 0 9 0 0	- - - -	—	—		—	—	—
	Thall	××× ××	0 18 09	99 00	0 — —	0 0 9 0 0	- - - —	××× ××	0 08 02	98 02	1 — —	0 0 9 0 0	- - - -	—		—	—	—	—
BALUCHISTAN	Fort Sandeman *	000 14	1 23 07	98 01	1 085 80	× × × × ×	2 × × 82	000 25	6 00 00	96 01	1 043 59	0 0 9 0 1	1 × × 51	+ 3	+14	0	0	10.0	11
	Hindubagh	000 22	6 18 12	97 03	1 059 71	0 0 9 0 7	7 9 × 77	000 29	1 00 00	98 03	1 006 57	0 0 9 0 1	3 0 × 44			0		9.0	—
	Loralai	000 36	5 00 00	96 03	1 065 74	0 0 9 1 0	- - - 82	000 32	0 00 00	97 00	1 019 55	0 0 9 0 0	- - - 45			0	—	8.1	—
	Harnai (a)	××× ××	0 27 02	96 00	0 — —	0 0 9 0 0	- - - —	××× ××	0 27 05	95 00	0 —	0 0 9 0 0	- - - -			0	0	10.6	14
	Sibi	000 22	3 23 05	99 03	1 065 95	0 0 9 4 0	- - - 97	000 40	0 00 00	98 00	0 131 66	0 0 9 0 0	- - - 61			0	-	3.8	5
	Quetta †	000 38	2 00 00	99 00	0 068 71	0 0 9 0 2	- - - 74	000 37	0 00 00	98 10	0 093 59	0 0 9 0 0	- - - 37			0	0	9.4	9
	Chaman	000 45	0 20 02	97 00	0 071 78	0 0 9 0 0	- - - 80	000 40	0 09 02	97 00	0 020 62	0 0 9 0 0	- - - 56	+ 4	+10	0	0	9.6	8
	Nushki	000 52	4 31 07	97 03	1 028 84	0 0 9 0 1	9 × 0 86	000 25	0 34 05	96 00	0 073 55	0 0 9 0 0	- - - 58		—	0		5.5	—
	Dalbandin *	000 41	0 00 00	96 00	0 079 85	0 0 9 0 0	- - - 88	000 16	0 00 00	96 00	0 012 54	0 0 9 0 0	- - - 49	+ 3	+ 3	0	0	1.8	4
	Nokkundi	000 54	1 00 00	99 03	1 057 89	0 0 9 0 1	9 0 × 91	000 25	0 07 02	99 00	0 151 60	0 0 9 0 0	- - - 56			0		1.0	2
	Kalat †	000 51	0 36 05	98 00	0 079 71	0 0 9 0 0	- - - 73	000 30	0 18 05	98 00	0 012 43	0 0 9 0 0	- - - 38	+ 4	+ 4	0	0	4.7	7
	Turbat	000 43	0 23 02	97 00	0 080 86	0 0 9 0 0	- - - 00	000 55	0 08 03	96 00	0 142 74	0 0 9 0 0	- - - 67	-		0	—	1.4	—
	Panjgur *	000 21	0 30 02	97 00	0 073 86	0 0 9 0 0	- - - 87	000 91	0 36 03	97 00	0 006 58	0 0 9 0 0	- - - 51	-		0	—	8.2	5
	Las Bela	000 74	0 00 00	99 00	0 072 97	0 0 9 0 0	- - - 99	000 67	0 00 00	97 00	0 138 75	0 0 9 0 0	- - - 61	-	—	0		1.7	8
	Ormara	000 73	0 27 05	97 00	0 086 82	0 0 9 0 0	- - - 84	000 71	0 00 00	95 10	0 130 72	0 0 9 0 0	- - - 69	-		0	0	3.1	6
	Pasni	000 69	0 27 09	98 00	0 088 83	0 0 9 0 0	- - - 86	000 69	0 27 03	95 42	4 136 69	0 0 9 0 0	4 × × 63	- 4	- 2	0	0	4.9	6
	Jiwani																		4
SIND	Keti	000 00	0 27 03	96 00	0 072 97	0 0 9 0 0	- - - 98	000 44	0 18 02	96 00	0 133 66	0 0 9 0 0	- - - 58			0	-	2.2	—
	Jacobabad	000 43	0 13 03	97 00	0 074 93	0 0 9 0 0	- - - 96	000 47	0 07 02	96 00	0 129 67	0 0 9 0 0	- - - 62	+ 3	+ 6	0	0	0.7	4
	Sukkur	000 56	0 27 ××	96 00	0 072 90	0 0 9 0 0	- - - 96	000 51	0 ×× ××	96 00	0 124 72	0 0 9 0 0	- - - 68			0	-	1.0	4
	Padidan	000 41	0 00 00	98 00	0 072 95	0 0 9 0 0	- - - 97	000 45	0 00 00	98 00	0 113 65	0 0 9 0 0	- - 57	—	—	0	-	0.9	—
	Karachi (Manora)	000 75	0 25 09	98 00	0 092 82	0 0 9 0 0	- - - 84	000 69	0 00 00	93 10	2 132 72	0 0 9 0 0	- - - 70	- 3	0	0	0	1.6	3
	Karachi (A. P.)	000 74	0 20 09	97 00	0 091 85	0 0 9 0 0	- - - 94	000 65	0 00 00	97 00	0 136 70	0 0 9 0 0	- - - 64			0		3.0	—
	Badin																		—
	Nagarparkar																		5
	Ohbor (Umarkot)	000 73	0 27 05	97 00	0 080 95	0 0 9 0 0	- - - 00	000 71	0 00 00	97 00	0 128 72	0 0 9 0 0	- - - 60		- 3	0	-	2.3	—
	Hyderabad	000 47	0 23 05	97 00	0 086 95	0 0 9 0 0	- - - 98	000 67	0 23 02	97 00	0 130 70	0 0 9 0 0	- - - 65	+ 3	+ 2	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 34	1 02 02	98 01	0 098 71	0 0 9 4 1	- × × 78	000 30	1 20 03	98 01	0 028 44	0 0 9 0 1	- - - 41	—		0	—	10.6	12
	Jalalabad	000 51	1 05 02	97 01	1 096 63	0 0 9 0 1	3 9 × 84	000 50	1 00 00	97 01	1 004 60	0 0 9 0 1	3 9 × 55	—	-	0	—	6.9	—
	Kandahar	000 36	3 00 00	98 01	1 062 74	0 0 9 0 2	- - - 85	000 43	1 00 00	97 01	1 004 47	0 0 9 0 2	- - - 42	—	-	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 1ST NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_1D_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1D_1D_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
	Jask	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
	Mashed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10
	Bushire	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11
Arabia	Muscat	000 69	0 36 02	97 00 0	096 84	0 0 9 0 0	- - - 85	000 70	0 00 00	96 00 0	133 82	0 0 9 0 0	- - - ××	- 3	---	0	0	3 3	4
	Sharjah	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
	Kuwait	000 ××	1 00 00	97 00 0	122 81	0 0 9 0 1	- - - 83	---	---	---	---	---	---	---	---	---	---	---	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
† † Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Delhi	43 209	614 00	0 00 00	99 02 0	125 80	00 9 00	1 5 605	---	0 51 73	1 00 ×0
Ugolino Vivali	43 218	627 00	1 31 05	98 00 0	119 84	1× × 00	5 5 806	---	0 52 72	1 31 ×0
City of Delhi	43 245	634 12	1 29 02	99 02 0	113 85	11 6 00	1 5 615	---	0 01 72	1 30 ×0
City of Delhi	43 214	624 06	0 30 05	99 02 0	145 83	00 9 00	1 5 120	---	0 00 73	1 30 ×2
City of Delhi	43 232	645 18	0 00 00	99 02 0	126 81	00 9 00	1 4 110	---	0 52 72	1 00 ×0
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP CODE:— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h2h1P1P1P1	t1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9
Karachi	780 15 008 25	235 60 000 31	252 23 854 00 145 13	700 23 075 22	508 98 629 91 301 16	889 91 555 55	339 00 160 59	668 00 145 31 436 00 519 97 454 00 729 97 763 50 809 01 262 84

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. nhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	01 04	02 04	32 04	28 05	28 03	26 11	26 17				14 04	12 06	12 06	26 03	28 08	-	03 08	04 08	06 05	10 03	34 01	22 06	-	
Chhor	24 11	23 12	22 15	21 18	23 13	36 02	33 03	30 00	32 23	32 31					-		25 09	25 10	22 12	19 18	18 15	04 06	31 03	29 08
Chittagong	34 02	34 02	15 02	15 02	15 06	13 10	21 08	-	-	-	05 08	05 08	03 06	02 05	-	-	10 06	10 08	07 09	05 09	-		-	-
Cox's Bazar	38 07	34 04	15 02	-			---	-	-	-			No	ascent			08 16				-	---		-
Dacca	27 02	21 04	20 05	19 06	18 02	18 11	-	-	-	-	32 03	28 02	21 04	22 04	19 04	21 08	05 05	03 03	01 04	26 02	10 03	09 02	-	-
Dalbandin	-	-	28 01	25 01	02 05	26 04	24 24	27 27	26 36	28 49	-	-	33 05	08 03	06 09	06 05			06 08	07 11	07 07	21 06	29 12	18 15
Drosh	-	-			01 04	19 04	19 12	31 25	-		-		-				-	-	-		25 01	21 07	29 14	-
Fort Sandeman	-			26 05	25 05	20 13	24 18	26 31	28 47	29 49	-	-	-	15 04	28 05	29 11			-	24 05	21 05	30 17	29 18	28 47
Jacobabad	05 02	04 02	06 02	23 03	22 05	26 15	29 15	28 25	28 27	29 32	13 06	12 04	23 03	20 15	22 10	32 01	17 03	28 03	24 04	28 06	22 01	05 06	27 17	-
Jhelum	22 04	20 03	19 04	33 02	30 07	32 08	28 11	27 19	27 35	-	-	-	---	---	-	-	23 02	20 03	-	27 31	-	27 23	---	-
Jiwani																								-
Karachi	23 06	23 07	28 07	19 05	16 08	08 04	32 10	32 19	31 25	29 45	22 06	22 07	23 04	15 05	13 07	10 07	29 04	30 06	32 06	16 04	15 05	10 12	15 02	29 10
Khanpur	26 06	24 09	34 13	25 16	27 10	27 11	29 22	29 21	28 35	29 44	---	-	-	---		-	25 25	24 25	23 29	21 11	10 04	24 10	27 19	28 03
Lahore	33 03	33 02	25 02	28 08	31 17	32 08	30 07	28 13	27 29	-	-	...	-	---	---	-	15 05	14 06	14 03	30 04	27 09	33 10	28 06	26 09
Multan	28 03	22 03	20 05	17 05	18 06	25 01	26 11	28 22	28 37		-	-	-	---	-	-	24 06	24 04	25 04	26 19	25 14	21 05	28 18	29 51
Peshawar	.	04 04	02 55	21 01	22 08	22 08	21 13	21 27	22 35	24 37	-	---	-	---	-	-		01 04	26 06	34 07	23 04	28 09	26 17	25 24
Quetta					32 06	29 06	27 13	---	-	---	-	---	---	---	27 11	33 19	-	-			36 01	33 12	31 21	-
Bushire						-					-	-			-						-	-		-
Sharjah						-																-		

Cloud Observation Data (iiiGG Cddv$_r$ v$_r$)

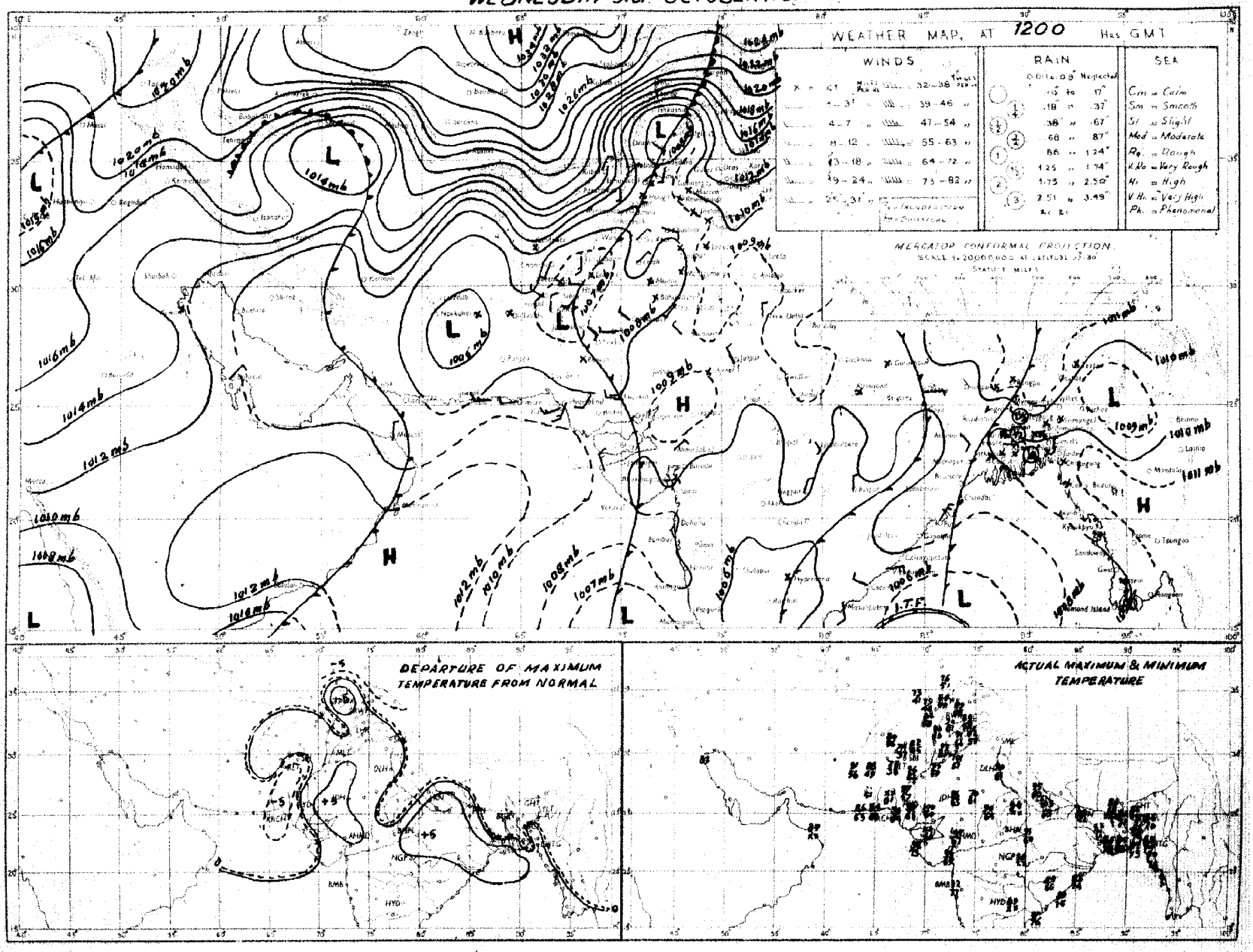
Drosh	51502	42109
Lahore	64002	126××
Peshawar	52003	127××

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
† †The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

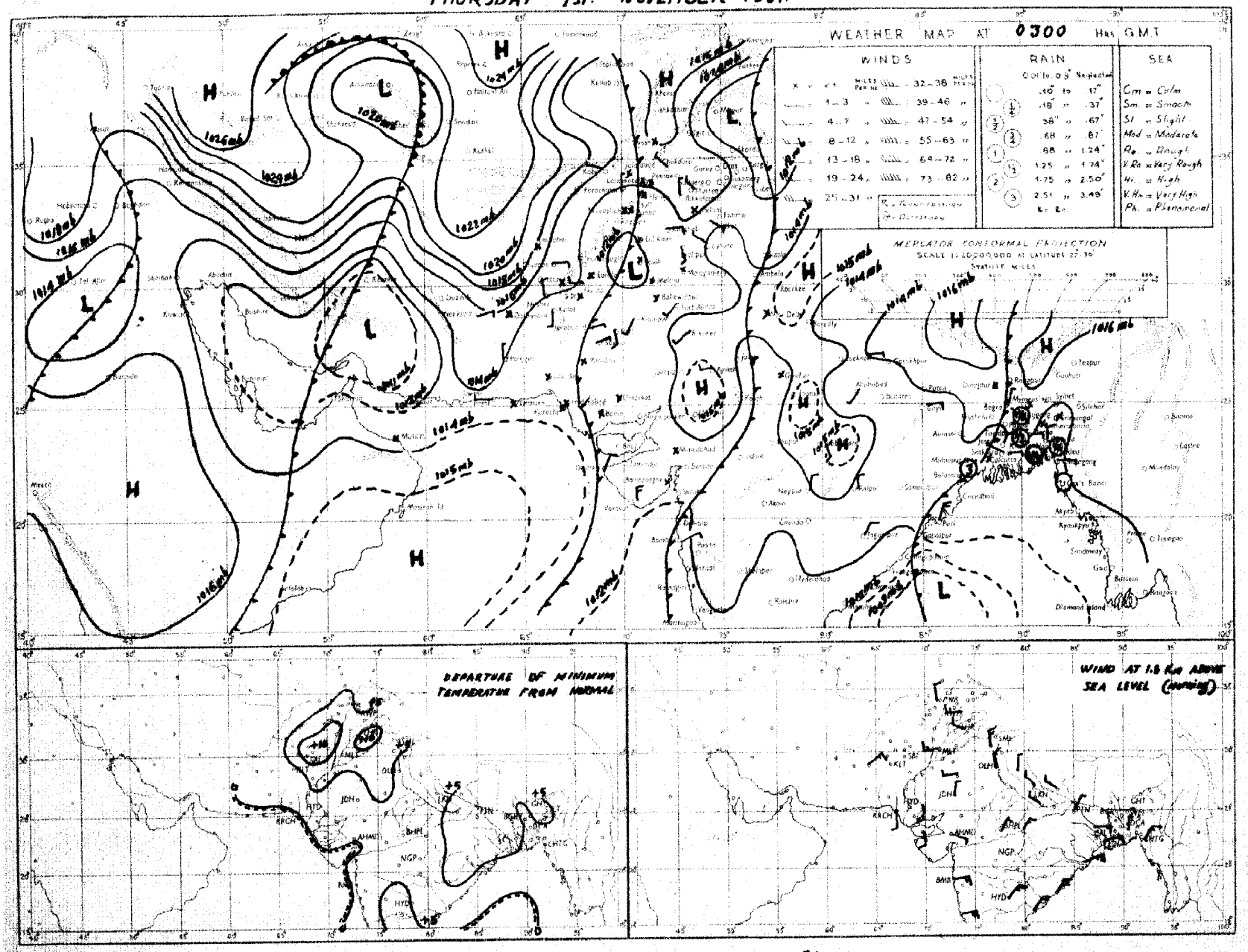
WEDNESDAY 31st OCTOBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 1st. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 2ND NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low extends from Persian Gulf to northwest Iran.
A western disturbance is moving eastnortheastwards across Russian Turkistan.
The trough of low persists in central Bay of Bengal.
Scattered rain/thundershowers have occurred in East Pakistan. Comilla reported ½" and Noakhali ¼" of rain.
Night temperatures were appreciably to markedly above normal over the country.
Forecast valid until the evening of 3rd :--Rain/thunderstorms will be local in the upper North-West Frontier Province and Kashmir and scattered in the southern districts of East Pakistan. Morning mist/fog is likely along Sind-Mekran coast.

Karachi-11.
The 2nd November, 1951

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 70	8 00 00	96 03 1	113 71	4 8 5 3 0	1 × 0 85	000 71	1 00 00	97 01 1	139 81	1 2 5 0 0	- - - 71	- 1	0	0.1	- 0.4	121.5	140
	Chittagong	000 72	6 00 00	96 02 1	111 71	6 8 6 0 0	- - - 85	000 69	5 11 05	96 02 1	138 80	5 6 6 0 0	0 × × 72	0	+ 2	0	- 0.5	134.5	108
	Noakhali	000 74	4 18 05	96 02 1	×××× 81	2 8 4 0 8	- - - 86	032 74	4 00 00	95 03 1	××× 81	2 0 4 4 0	- - - 75	+ 2	+ 6	0.5	+ 0 2	-	115
	Comilla	000 75	7 13 09	98 03 1	119 76	7 4 7 0 0	- - - 86	065 73	4 12 05	98 03 1	126 80	4 3 7 0 0	9 0 0 74	+ 1	+ 6	0.7	+ 0 5	131.9	94
	Brahmanbaria	000 73	8 00 00	97 03 1	104 83	3 4 5 0 0	- - - 87	000 72	3 00 00	97 03 1	138 79	0 9 0 8	0 6 × 71	-	—	0	0	65.5	78
	Dacca	××× 72	0 00 00	×× 01 1	103 79	0 0 9 0 0	- - - 87	××× 73	4 00 00	98 01 1	135 80	0 0 9 7 0	- - - × 76	—					
	Narayanganj	003 72	1 00 00	×× 01 1	089 83	1 0 7 0 2	9 × 0 89	000 72	1 09 02	95 01 2	128 83	0 0 9 0 9	9 0 × 74	+ 4	+ 4	0	- 0.2	88.8	77
	Mymensingh	000 77	0 00 00	99 00 0	088 89	0 0 9 0 0	- - - 85	000 71	4 00 02	99 00 0	146 77	0 0 9 0 0	- - - 73	+ 1	+ 5	0	- 0 1	61.7	91
	Srimangal	046 73	7 18 02	96 03 1	104 78	5 8 5 0 3	0 5 × 88	065 71	5 09 02	96 02 9	142 75	8 8 6 0 3	9 × 6 69	0	6	0.1	- 0 2	105.3	98
	Khulna	000 73	3 00 00	96 00 0	113 82	3 3 8 2 0	- - - 87	000 73	2 00 00	98 02 0	139 79	0 0 9 4 0	- - - 73	+ 3	+ 5	0	- 0 2	53.4	68
	Satkhira	000 74	5 00 00	97 03 1	104 83	4 4 7 6 0	- - × 86	000 73	5 31 03	97 03 1	138 79	4 4 7 6 0	- - - 73	- 1	+ 6	0	- 0.1	44.7	65
	Jessore	000 74	4 00 00	96 02 1	113 84	4 8 6 0 0	- - - 90	000 73	1 36 02	97 01 0	133 75	0 0 9 8 0	0 × 0 ××	—		0	- 0.2	45.9	65
	Faridpur	000 72	2 34 02	95 05 0	100 82	2 4 7 0 0	7 × × 82	000 73	4 07 05	96 02 0	136 80	2 4 7 1 0	9 × × 72	- 1	+ 3	0.4	+ 0.2	55.9	71
	Barisal	000 73	6 00 00	97 03 1	102 81	4 7 5 7 -	- - - 87	000 75	5 07 02	98 03 1	137 81	4 4 6 5 0	- - - 74	+ 3	+ 5	0.3		73.8	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 74	0 00 00	96 00 1	105 80	0 0 9 0 0	- - - 87	000 75	8 00 00	97 00 0	136 76	0 0 9 0 0	- - - 73	+ 4	+ 6	1.3	+ 1.2	67.2	64
	Bogra	000 72	0 00 00	96 00 1	109 79	0 0 9 0 0	- - - 84	000 72	7 13 02	96 03 1	139 75	7 8 6 0 0	- - - 71	0	+ 5	0	- 0.1	45.0	69
	Dinajpur							000 71	5 09 02	96 02 0	154 76	0 0 9 4 0	- - - 69		+ 4	0	0	48.6	72
	Rangpur	××× 00	0 00 00	96 00 1	-- -	0 0 9 0 0	- - - ××	000 ××	0 09 02	98 00 1	-	0 0 9 0 0	- - - --		—	0	- 0 1	79.2	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Allahabad																		—
PUNJAB	Lyallpur	000 58	3 13 03	96 01 0	102 86	0 0 9 0 3	- - - 93	000 55	2 00 00	96 01 0	128 64	0 0 9 0 2	0 4 0 62	+ 7	+10	0	0	10.2	12
	Lahore	000 67	3 00 00	96 02 1	103 83	0 0 9 0 3	9 9 × 94	000 57	5 00 00	95 05 1	138 67	0 0 9 0 1	4 5 × 59	+ 6	+ 8	0	0	14.7	19
	Sialkot	000 60	6 00 00	97 02 1	111 82	1 4 6 6 0	- - - 94	000 53	1 05 01	97 01 1	135 71	0 0 9 0 4	- - - 63	+ 5	+ 9	0	0	18.7	32
	Jhelum	000 59	5 00 00	96 01 1	114 79	0 0 9 0 6	- - - 87	000 56	0 00 00	96 00 0	145 64	0 0 9 0 0	- - - 57	-		0		26.8	—
	Rawalpindi	000 57	1 00 00	99 01 1	106 77	0 0 9 2 0	- - - 86	000 51	0 00 00	97 01 1	154 60	0 0 9 0 0	- - - 55	+ 4	+ 7	0	0	25.7	36
	Murree †	000 39	0 00 00	98 00 1	089 56	0 0 9 0 0	9 × × 63	000 33	0 36 02	98 00 0	998 54	0 0 9 0 0	- - - 49	+ 3	+ 5	0	0	45.1	50
	Attock	××× ××	3 13 05	97 01 0	-	0 0 9 2 8	- - - —	××× ××	0 18 02	98 00 0	--	0 0 9 0 0	- - - ××						—
	Khushab	000 65	5 09 05	98 03 1	108 87	0 0 9 0 4	- - - 89	000 57	0 11 02	98 00 0	137 65	0 0 9 0 0	- - - 62	+ 2	+ 8	0	0	8.0	15
	Montgomery	000 59	0 00 00	97 00 0	100 90	0 0 9 0 0	- - - 92	000 54	2 00 00	96 01 0	134 70	0 0 9 0 1	1 0 × 59	+ 3	+ 4	0	0	6.1	10
	Leiah	000 71	0 00 00	97 00 0	099 89	0 0 9 0 0	- - - 92	000 61	0 36 02	97 00 0	138 67	0 0 9 0 0	- - - 60			0		6.6	8
	Multan	000 51	0 21 02	97 00 0	101 91	0 0 9 0 0	- - - 94	000 50	6 23 02	97 01 1	137 69	2 0 0 60		+ 6	+ 6	0	0	0.9	7
	Khanpur	000 53	0 18 03	95 05 0	100 95	0 0 9 0 0	- - - 96	000 47	0 25 03	95 05 0	137 71	0 0 9 0 0	- - - 63	+ 4	+ 8	0	0	1.9	6
	Bahawalpur	000 69	0 00 00	97 00 0	103 89	0 0 9 0 0	- - - 96	000 51	0 25 02	97 00 0	135 65	0 0 9 0 0	- - - 58	+ 5	+ 4	0	0	4.5	6
	Fort Abbas	000 74	0 31 02	98 00 0	099 80	0 0 9 0 0	- - - 91	000 67	0 28 02	96 00 0	123 73	0 0 9 0 0	- - - 60			0		3.7	8
N. W. F. P.	Dosh *	000 33	7 25 07	98 02 1	096 69	0 0 9 7 0	8 × - 74	000 41	7 00 00	98 03 6	046 52	0 0 9 5 0	7 × 5 52	+ 5	+ 6	0		22.7	18
	Chakdara	000 53	0 20 05	99 00 0	107 77	0 0 9 0 0	- - - 84	000 48	0 31 05	98 00 0	140 61	0 0 9 0 0	- - - 58			0		20.3	—
	Cherat *	000 46	0 18 07	97 00 1	096 71	0 0 9 0 0	2 × × 77	000 44	0 36 05	98 00 0	022 62	0 0 9 0 0	- - - 57	+ 7	+ 5	0	0	28.9	29
	Peshawar	000 56	2 00 00	96 03 1	113 78	1 9 7 0 3	- - - 78	000 48	0 00 00	96 00 0	147 66	0 0 9 0 0	- - - 61	- 3	+ 8	0	0	9.1	14
	Parachinar	000 37	6 13 02	99 02 2	090 66	2 1 6 0 6	4 9 9 72	000 37	6 36 02	99 00 0	994 55	0 0 9 0 0	- - - 48	+ 3	+ 5	0		28.5	29
	Miranshah	000 47	5 11 03	98 02 4	098 73	5 2 8 6 5	- - - 80	000 44	0 00 00	99 00 0	010 62	0 0 9 0 0	- - - 56			0	0	10.5	18
	Bannu	000 56	4 00 00	99 02 1	101 84	0 0 9 0 3	- - - 86	000 50	0 00 00	99 00 0	136 67	0 0 9 0 0	- - - 61	—		0		5.8	11
	D. I. Khan	000 54	3 01 02	96 03 0	095 88	0 0 9 0 4	0 7 × 88	000 49	0 00 00	96 00 0	139 64	0 0 9 0 0	- - - 55	+ 3	+ 3	0	0	2.8	11
	Wana																		11
	Landikotal	000 48	2 05 02	98 02 1	092 71	2 0 9 7 0	- - - 79	000 48	0 00 00	99 00 0	011 60	0 0 9 0 0	- - - 52			0		12 0	—
	Kohat	××× ××	6 00 00	97 03 1	-	0 0 9 0 2	8 0 × --	××× ××	0 00 00	97 00 1	--	0 0 9 0 0	- - - --	-	—		—		—
	Thall	××× ××	0 23 09	99 00 0	--	0 0 9 0 0	- - - --	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - --	-		-	—		—
BALUCHISTAN	Fort Sandeman*	000 27	3 00 00	96 01 1	089 79	0 0 9 0 1	4 × × 82	000 29	6 00 00	95 05 0	036 57	0 0 9 0 0	- - - 62	+ 6	+ 7	0	0	10.0	11
	Hindubagh	000 18	7 13 09	97 02 1	085 74	0 0 9 0 8	7 9 × 78	000 27	1 00 00	97 02 1	013 58	0 0 9 8 0	3 × 0 4			0		9.0	—
	Loralai	000 36	0 18 05	96 00 0	085 74	0 0 9 0 0	- - - 82	000 32	0 00 00	96 00 0	027 59	0 0 9 0 0	- - - 44			0	—	8.5	—
	Hirnai (a)	000 ××	0 09 02	96 00 0	-	0 0 9 0 0	- - -	000 ××	0 05 02	96 00 0		0 0 9 0 0	- - - --			0	0	10.6	14
	Sibi	000 39	0 00 00	99 00 0	095 95	0 0 9 0 0	- - - 96	000 43	4 00 00	95 03 0	140 66	0 0 9 0 4	2 9 × 61			0		3.8	5
	Quetta †	000 36	1 29 02	99 01 0	094 73	0 0 9 0 2	- - - 74	000 34	0 00 00	98 00 0	06 51	0 0 9 0 0	- - - 40			0	0	9 4	9
	Chaman	000 47	0 31 02	97 00 0	007 76	0 0 9 0 0	- - - 79	000 39	0 13 02	97 00 0	052 56	0 0 9 0 0	- - - 49	+ 6	+ 3	0	0	9.6	8
	Nushki	000 40	0 29 07	98 00 0	055 83	0 0 9 0 0	- - - 85	000 38	0 13 02	96 00 0	086 57	0 0 9 0 0	- - - 53		—	0		1.7	—
	Dalbandin *	000 37	0 05 02	95 05 0	099 84	0 0 8 0 0	- - - 85	000 38	0 05 02	95 05 0	045 54	0 0 9 0 0	- - - 52	+ 2	+ 6	0	0	5.4	—
	Nokkundi	000 55	3 18 02	99 03 0	095 88	0 0 9 0 1	0 0 × 90	000 18	0 02 02	99 00 0	197 57	0 0 9 0 0	- - - 52			0		1.8	4
	Kalat †	000 49	0 31 05	98 00 0	003 71	0 0 9 0 0	- - - 73	000 31	0 18 05	98 00 0	027 42	0 0 9 0 0	- - - 38	+ 6	+ 4	0	0	0.9	2
	Turbat	000 48	0 25 03	97 00 0	106 97	0 0 9 0 0	- - - 99	000 57	0 00 00	96 00 0	157 71	0 0 9 0 0	- - - 65			0	0	4.7	7
	Panjgur *	000 69	0 36 10	97 00 0	088 82	0 0 9 0 0	- - - 85	000 28	0-36 02	97 00 0	032 58	0 0 9-0 0	- - - 51	+ 1	+ 1	0	—	1.4	—
	Las Bela	000 75	0 16 04	99 00 0	094 94	0 0 9 0 0	- - - 98	000 69	0 00 00	97 00 0	053 72	0 0 9 0 0	- - - 53		—	0	—	3.2	—
	Ormara	000 70	0 27 05	98 00 0	110 80	0 0 9 0 0	- - - 81	000 69	0-09 02	95 10 0	147 71	0 0 9 0 0	- - - 58	—		0	0	1.7	5
	Pasni	000 72	0 23 09	98 00 0	107 82	0 0 9 0 0	- - - 88	000 69	0 27 03	96 00 0	148 72	0 0 9 0 0	- - - 66	- 3	+ 1	0	0	3.1	8
	Jiwani															0	0	4 9	6
																			4
SIND	Keti	000 67	0 27 02	96 00 0	101 96	0 0 9 0 0	- - - 98	000 48	0 00 00	96 00 0	146 65	0 0 9 0 0	- - - 57	-		0	-	2.2	—
	Jacobabad	000 47	0 81 02	97 00 0	105 93	0 0 9 0 0	- - - 96	000 49	1 00 00	98 03 0	142 67	0 0 9 0 1	- - - 61	+ 5	+ 5	0	0	0.7	4
	Sukkur	000 50	3 ×× ××	96 00 0	100 95	0 0 9 0 0	- - - 98	000 53	0 ×× ××	96 00 0	136 69	0 0 9 0 0	- - - 68			0	—	1 0	4
	Padidan	000 39	0 25 05	98 00 0	101 94	0 0 9 0 0	- - - 95	000 54	0 18 05	98 00 0	136 68	0 0 9 0 0	- - - 60	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 74	0 25 09	99 00 0	122 81	0 0 9 0 0	- - - 84	000 70	0 00 00	96 00 0	147 73	0 0 9 0 0	- - - 71	- 3	+ 1	0	0	1.6	3
	Karachi (*A. P.*)	000 76	0 25 09	97 00 0	108 84	0 0 9 0 0	- - - 86	000 68	0 00 00	96 28 4	148 69	0 0 9 0 0	7 × × 66			0		3.0	—
	Badin													—					—
	Nagarparkar																		0
	Chhor (*Umarkot*)	000 73	0 00 00	97 00 0	093 92	0 0 9 0 0	- - - 97	000 65	0 13 03	97 00 0	142 75	0 0 9 0 0	- - - 62	—	—	0		2.3	—
	Hyderabad	000 51	0 23 03	97 00 0	104 91	0 0 9 0 0	- - - 95	000 63	0 00 00	96 00 0	145 67	0 0 9 0 0	- - - 65	+ 2	+ 2	0	0	2.0	7
Junagarh	Veraval																		23
Afghanistan	Kabul																		12
	Jalalabad	000 59	2 99 09	97 03 1	078 ××	0 0 9 7 0	2 3 9 83							—					—
	Kandahar																		—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 2ND NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_c T_d$	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR $T_c T_d$	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_x T_n$	Departure from Normal $T_x T_n$	$T_n T_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Jask	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
	Mashed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Arabia	Muscat	...	000 71	0 31 02	97 00 0	126 83	0 0 9 0 0	- - - 87	000 71	0 13 02	97 00 0	140 83	0 0 9 0 0	- - - ××	+ 1	...	0	0	2 3	4
	Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		4
	Kuwait	...	000 ××	0 00 00	97 00 0	118 84	0 0 9 0 0	- - - 85	000 ××	3 00 00	97 00 0	150 76	0 0 9 4 0	- - × 69	-	...	0	-	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 8 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ sDD	S $N_s C_{hs} h_s$	O $\Gamma_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sibajak	53 082	720 00	6 06 02	98 20 5	086 86	52 3 60	2 5 185	...	0 54 75	1 02 ×0
Dwarka	53 219	692 06	0 09 02	99 00 0	147 82	00 9 00	3 5 117	...	0 02 77	...
Dwarka	53 210	702 12	0 98 13	98 00 0	101 80	00 9 00	3 5 805	...	0 02 72	...
Caledon	53 135	711 18	0 31 09	99 00 0	110 85	00 9 00	6 6 800	...	0 52 70	...
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_0P_0P_0T_0T_0$	$T_dT_dT_{a0}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_d T_d T_{x1}$ etc.	5555	$h_2h_1P_1P_1P_1$	$T_1T_1T_d T_d T_{x1}$ etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 14	009 26	236 60	Misda						

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	07 04	34 02	26 01	03 03	13 02						36 07	34 08	33 06	34 03	29 04	26 09	11 03							
Chhor	24 06	24 07	21 08	21 12	20 15	12 06	37 03	27 11	29 25	28 31							27 11	26 08	23 08	17 11	17 11	33 05	24 07	
Ch ttagong	18 12	18 10	17 12	19 01	19 10	12 00					07 17	07 08	09 06	17 10	16 15		04 11	04 09	09 06	14 10	14 13	05 05		
Cox's Bazar	16 11	16 12	16 29	15 15	14 18	10 17					00 13	13 07	10 12	16 14	16 19	15 15	17 10	18 14	17 11	18 12	09 10	15 03		
Dacca	33 04	34 03	34 02	29 01	07 01	09 01	27 10	26 19	25 30	25 57	19 10	18 04	35 02	35 02	35 05		08 05	07 04	05 03	03 06	04 03	31 03	27 14	31 25
Dalbandin			29 08	09 09	05 02	02 08	03 22						08 17	05 09	06 11	09 04			07 10	06 18	09 14	09 11		
Drosh					24 04	20 11	21 18	36 19						20 03	22 04	20 06					11 01	21 07	22 13	
Fort Sandeman				21 01	29 04	33 02								21 04	28 05	29 14				23 04	25 07	31 27	29 20	
Jacobabad	07 01	19 02	18 03	18 02	18 02	27 09	27 19	27 24	27 36		17 11	18 10	21 11	23 04	03 04	01 06	32 08	22 20	22 18	22 04	01 03	04 06	36 06	27 23
Jhelum	15 03	17 03	17 04	17 07	25 05	27 09	29 10	29 30	28 48	29 71	35 06	33 07	29 06	31 04	29 02	29 07	34 04	20 05	30 05	30 06	30 07	27 10	29 27	30 26
Jiwani																								
Karachi	25 15	27 10	35 07	36 03	07 03	09 13	16 07	23 11	28 25	27 26	27 06	29 36	24 08	16 06	13 09	12 09	30 11	29 09	23 09	20 21	15 08	13 11	38 10	
Khanpur	25 06	23 08	22 07	24 02	34 04	28 08	27 22	28 30	28 34		29 49	30 18	27 19	26 08	06 03	03 11	28 27	26 26	27 23	27 14	27 07	05 09	31 25	36 20
Lahore	08 03	12 02	15 01	23 04	28 06	30 09	29 17	29 38	29 39		09 06	09 06	15 05	25 06	28 12	30 11	18 04	17 02	17 02	20 04	27 12	29 17	31 12	36 31
Multan	22 04	23 07	32 13	23 15	22 12	21 11	28 18	28 27			24 09	33 14	22 13	23 14	37 08	38 10	25 06	31 05	34 07	24 10	27 12	30 13	30 31	
Peshawar	..	03 06	36 05	26 03	28 06	27 10	29 11	26 19	26 37			03 06	03 08	09 02	16 08	23 13		18 07	18 02	33 02	24 03	26 18	29 31	29 32
Quetta					32 08	36 11	28 18	27 29							25 10	30 08					33 07	32 17	28 10	
Bushire																								
Sharjah																								

Cloud Observation Data (iiiGG Cddv, v_r)

Drosh 51508 42713

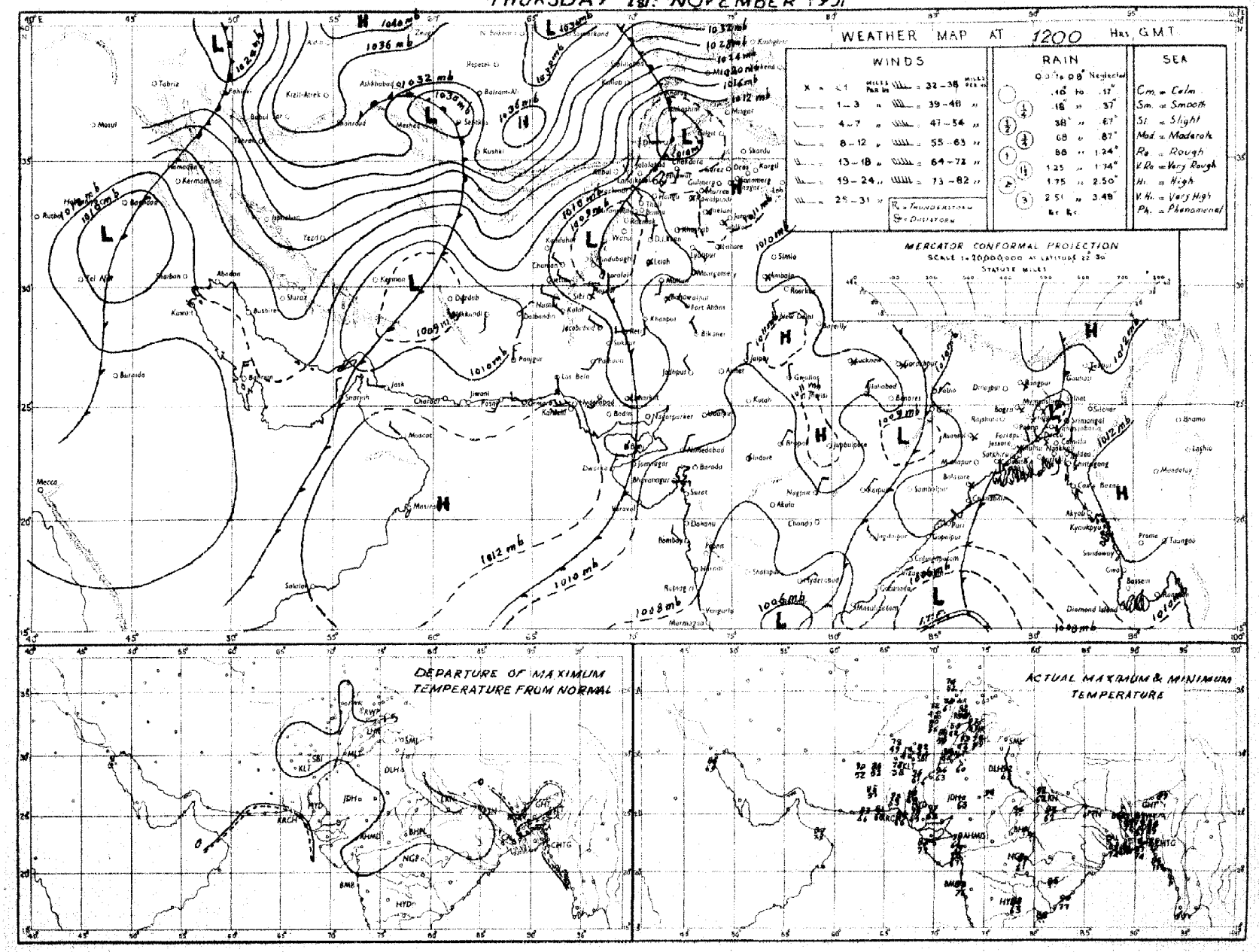
Drosh 51502 52215
Chittagong 94005 43506

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

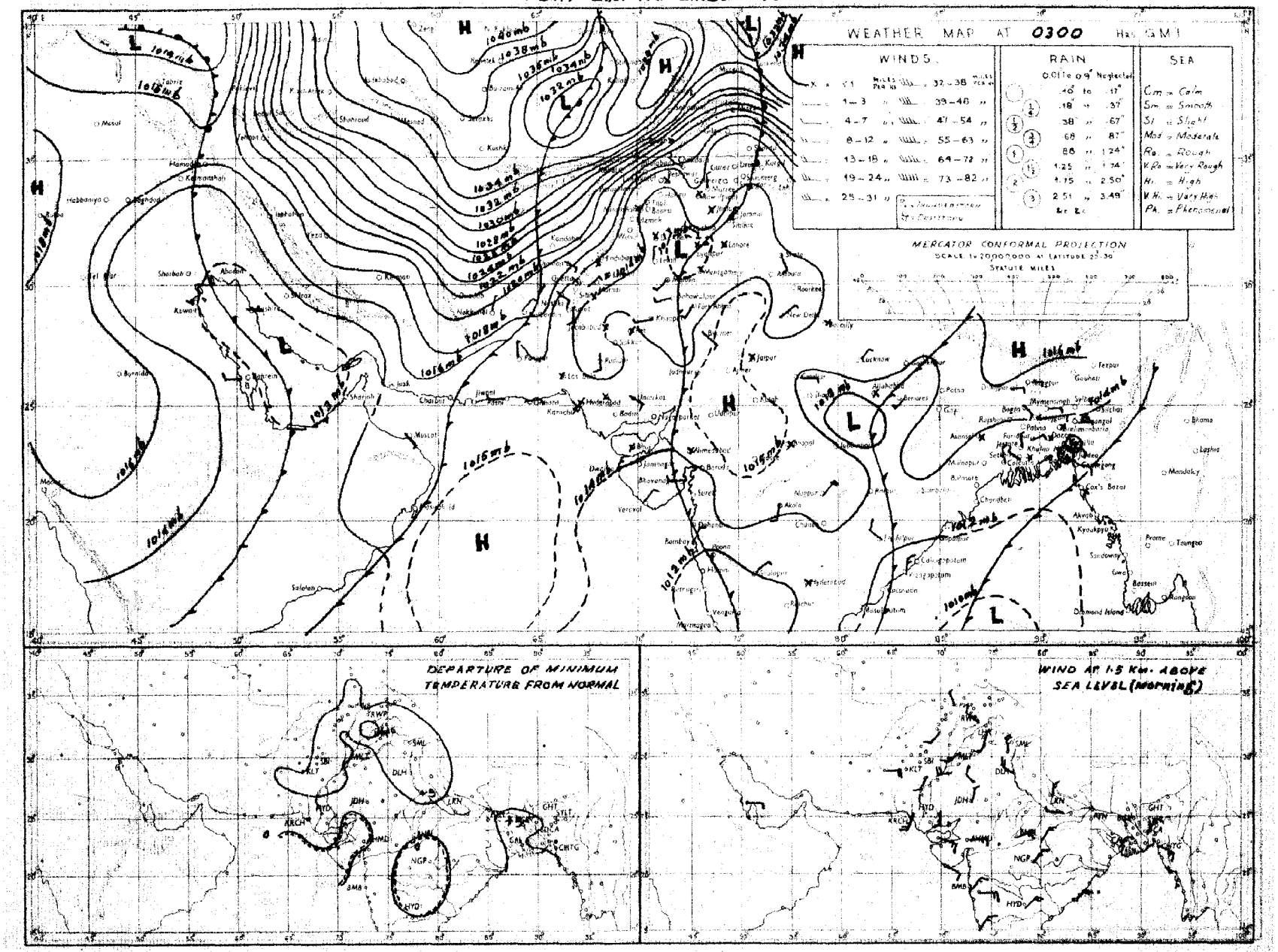
THURSDAY 1st: NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 2nd NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1 — 2
Pages 1 — 4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 3rd NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance is approaching west Persian Gulf.

A ridge of high pressure extends from Russian Turkistan across central Iran to north Arabain Sea.

Scattered rain/thunderstorms have occured in the upper North-West Frontier Province and the southern districts of East Pakistan.

Night temperatures were appreciably to markedly above normal over the Country outside lower Sind and south Baluchistan.

Forecast valid until the evening of 4th :—Weather will remain dry over the Country. An appreciable fall in night temperatures is expected over West Pakistan.

Karachi-11.
The 3rd November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 72	6 00 00	91 03	1108 81	6 8 5 3 0	1 × 0 91	000 72	2 00 00	97 02	1141 81	2 9 6 0 0	- - - 77	+ 5	+ 6	0.1	- 0.8	121.5	140
	Chittagong	000 77	3 25 02	96 02	1103 80	0 0 9 7 0	0 × 9 87	000 71	2 00 00	97 02	1139 83	0 0 9 7 2	- - - 76	+ 2	+ 6	0	- 0.6	134.5	108
	Noakhali	000 75	6 00 00	94 03	1××× 82	4 3 4 2 2	- - - 88	000 75	2 00 00	96 00	4 ××× 82	2 × 4 0 0	- - - 75	+ 4	+ 6	0.5	0	-	115
	Comilla	000 73	7 23 05	98 03	1107 79	7 4 7 0 0	- - - 80	000 73	0 13 02	98 00	0127 80	0 9 0 0	- - - 71	- 5	+ 3	0.7	+ 0 3	131.9	94
	Brahmanbaria	000 72	4 00 00	97 03	1104 81	4 4 5 0 0	- - - 84							-					78
	Dacca	××× 70	7 00 00	×× 13	6101 84	7 7 4 2 1	- × × 85	××× 75	1 00 00	97 03	0135 81	1 1 4 0 0	- - - 70	—					—
	Narayanganj	000 70	7 00 00	×× 03	1089 81	7 0 7 2 -	9 × 0 88	000 71	1 00 00	95 01	0129 84	0 0 9 1 0	- - - 74	+ 3	+ 4	0	- 0.3	88.8	74
	Mymensingh	000 72	0 00 00	99 00	0106 80	0 0 9 0 0	- - - 84	000 72	5 00 00	98 02	2150 75	8 4 7 - -	- - - 73	0	+ 5	0	- 0 2	61.7	91
	Srimangal	000 75	5 00 00	93 02	1103 78	3 2 5 3 0	- - × 85	000 73	3 00 00	96 02	1143 76	2 2 6 0 3	- - - 68	- 3	5	0.1	- 0 3	105.3	98
	Khulna	000 ××	2 00 00	98 00	0107 79	2 8 8 0 0	- - - 86	000 74	2 09 02	98 00	0145 81	2 8 8 0 0	- - - 72	+ 2	+ 4	0	- 0 3	53.4	68
	Satkhira	000 74	5 00 00	97 03	1097 81	4 4 7 6 7	- - - 87	000 80	6 31 02	97 03	1128 81	4 4 7 6 0	- - - ××	0	—	0	- 0.2	44.7	65
	Jessore	000 73	0 00 00	97 00	0113 82	0 0 9 0 0	- - - 89	000 73	0 00 00	97 00	4137 77	0 0 9 0 0	4 × × 70	-		0	- 0.3	45.9	65
	Faridpur	010 72	7 00 00	93 23	6105 75	7 6 5 0 0	1 × × 80	010 73	0 00 00	96 03	0××× 77	0 0 9 0 0	- - - 71	- 3	+ 2	0.5	+ 0.2	56.0	71
	Barisal	000 74	2 20 02	97 01	1100 81	1 2 6 0 2	- - - 91							+ 7					81
	Pabna																		50
	Rangpur Boalia	000 73	1 00 00	×× 01	1117 79	1 6 1 0 0	- - - 84	000 73	1 00 00	97 02	1135 80	1 1 6 0 0	- - - 71	+ 1	+ 4	1.3	- 1.2	67.2	56
	Sirajganj	000 73	1 00 00	96 01	1110 80	1 1 8 0 0	- - - 85	000 73	5 09 02	96 03	1142 79	4 8 6 6 0	- - - 72	+ 1	+ 6	0	- 0.2	45.0	64
	Bogra	000 73	7 00 00	×× 02	2111 79	0 0 9 5 0	- - - 86	000 69	6 05 02	96 02	2153 75	6 4 7 0 0	- - - 69	+ 2	+ 4	0		48.6	69
	Dinajpur	××× 00	1 00 00	96 02	1-- —	1 1 8 0 0	- - - ××	000 ××	8 07 09	96 02	1 - —	8 5 8 0 0	- - - ××	-	—	0	- 0 1	70.2	72
	Rangpur																		84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Drae †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Allabad																		—
PUNJAB	Lyallpur	000 49	0 00 00	96 00	0089 87	0 0 9 0 0	- - - 93	000 51	3 05 02	98 01	0119 65	0 0 9 0 2	- - - 59	+ 7	+ 7	0	0	10.2	12
	Lahore	000 64	0 00 00	96 00	0095 83	0 0 9 0 0	- - - 93	000 57	3 00 00	96 01	1128 69	0 0 9 0 1	- - - 59	+ 5	+ 8	0	0	14.7	19
	Sialkot	000 61	1 00 00	97 02	1095 84	1 4 6 0 0	- - - 89	000 59	1 00 00	97 02	1129 67	0 0 9 0 4	- - - 62	+ 3	+ 8	0	0	13.7	32
	Jhelum	000 58	1 00 00	96 01	1108 81	0 0 9 3 0	- - × 90	000 53	1 00 00	97 01	0136 64	0 0 9 0 1	- - - 57	-		0		26.8	—
	Rawalpindi	000 53	1 00 00	99 01	1091 79	0 0 9 2 0	- - × 88	000 48	0 00 00	97 00	1144 62	0 0 9 0 0	- - - 56	+ 6	+ 8	0	0	25.73	36
	Murree †	000 39	4 31 02	98 01	1075 56	0 0 9 0 4	8 5 × 64	000 31	2 00 00	98 01	1097 53	0 0 9 8 0	2 × 0 48	+ 4	+ 4	0	0	45.1	59
	Attock	××× ××	3 00 00	98 00	0-- —	0 0 9 7 1	- - - ××	××× ××	0 00 00	97 00	0 - -	0 0 9 0 0	- - - ××	-				-	—
	Khushab	000 62	0 13 02	98 00	0098 87	0 0 9 0 0	- - - 91	000 54	2 09 02	98 03	1131 68	2 0 8 1 0	- - - 61	+ 4	+ 7	0	0	8.0	15
	Lyallpur	000 49	0 00 00	96 00	0089 87	0 0 9 0 0	- - - 93	000 51	3 05 02	98 01	0119 65	0 0 9 0 2	- - - 59	+ 7	+ 7	0	0	10.2	12
	Lahore	000 64	0 00 00	96 00	0095 83	0 0 9 0 0	- - - 93	000 57	3 00 00	96 01	1128 69	0 0 9 0 1	- - - 59	+ 5	+ 8	0	0	14.7	19
	Sialkot	000 61	1 00 00	97 02	1095 84	1 4 6 0 0	- - - 89	000 59	1 00 00	97 02	1129 67	0 0 9 0 4	- - - 62	+ 3	+ 8	0	0	13.7	32
	Jhelum	000 58	1 00 00	96 01	1108 81	0 0 9 3 0	- - × 90	000 53	1 00 00	97 01	0136 64	0 0 9 0 1	- - - 57	-		0		26.8	—
	Rawalpindi	000 53	1 00 00	99 01	1091 79	0 0 9 2 0	- - × 88	000 48	0 00 00	97 00	1144 62	0 0 9 0 0	- - - 56	+ 6	+ 8	0	0	25.73	36
	Murree †	000 39	4 31 02	98 01	1075 56	0 0 9 0 4	8 5 × 64	000 31	2 00 00	98 01	1097 53	0 0 9 8 0	2 × 0 48	+ 4	+ 4	0	0	45.1	59
	Attock	××× ××	3 00 00	98 00	0-- —	0 0 9 7 1	- - - ××	××× ××	0 00 00	97 00	0 - -	0 0 9 0 0	- - - ××	-				-	—
	Khushab	000 62	0 13 02	98 00	0098 87	0 0 9 0 0	- - - 91	000 54	2 09 02	98 03	1131 68	2 0 8 1 0	- - - 61	+ 4	+ 7	0	0	8.0	15
	Montgomery	000 56	0 00 00	96 00	0088 91	0 0 9 0 0	- - - 94	000 53	2 23 03	96 01	1123 69	0 0 9 0 1	3 × × 60	+ 5	+ 5	0	—	6.1	10
	Leiah	000 78	0 ×× ××	97 00	0093 93	0 0 9 0 0	- - - 94	000 57	0 21 02	97 00	0135 64	0 0 9 0 0	- - - 60	-		0	-	6.6	8
	Multan	000 56	0 21 02	97 00	0094 91	0 0 9 0 0	- - - 94	000 52	6 27 02	97 00	0123 64	0 0 9 0 0	- - - 59	+ 6	+ 5	0	0	0.9	7
	Khanpur	000 61	0 27 03	95 05	0106 90	0 0 9 0 0	- - - 94	000 55	0 23 03	95 05	0123 75	0 0 9 0 0	- - - 64	+ 8	+ 9	0	0	1.9	6
	Bahawalpur	000 70	0 00 00	97 00	0098 89	0 0 9 0 0	- - - 94	000 58	0 18 03	97 00	0118 65	0 0 9 0 0	- - - 61	+ 3	+ 7	0	0	4.5	6
	Fort Abbas	000 74	0 23 05	96 00	0099 90	0 0 9 0 0	- - - 01	000 59	0 28 02	96 00	0125 70	0 0 9 0 0	- - - 60	-	—	0		3.7	8
N. W. F. P.	Drosh *	000 34	2 00 00	98 01	1095 64	2 2 7 0 0	- - - 72	000 34	0 00 00	99 00	0056 51	0 0 0 0 0	- - - 50	+ 3	—	0	-	23.7	18
	Chakdara	000 49	0 18 02	99 00	0090 77	0 0 9 0 0	- - - 83	000 42	0 36 07	98 00	0159 50	0 0 9 0 0	- - - 54	-		0	—	20.3	—
	Cherat *	000 48	0 18 05	97 00	0000 70	0 0 9 0 0	- - - 77	000 47	0 34 14	97 00	0017 62	0 0 9 0 0	- - - 57	+ 7	+ 5	0	0	28.9	20
	Peshawar	000 53	2 05 02	96 03	1100 74	2 9 6 6 0	- - - 86	000 48	0 00 00	97 00	0147 65	0 0 9 8 0	- - - 60	+ 4	+ 7	0	0	9.1	14
	Parachinar	000 35	7 13 02	96 02	2981 65	2 2 7 6 0	5 × 7 72	000 31	1 00 00	99 01	1995 56	0 0 9 8 0	2 × 3 47	+ 3	+ 4	0		28.5	29
	Miranshah	000 38	2 11 03	98 00	0087 72	0 0 9 5 0	- - - 82	000 41	0 00 00	99 00	0010 59	0 0 9 0 0	- - - 57	-	-	0	0	10.5	13
	Bannu	000 54	0 00 03	99 00	0098 83	0 0 9 0 0	- - - 86	000 51	0 34 02	99 00	0136 62	0 0 9 0 0	- - - 62	-	-	0		5.8	11
	D. I. Khan	000 45	0 03 01	96 00	0078 88	0 0 9 0 0	- - - 90	000 56	0 00 00	96 00	0137 63	0 0 9 0 0	- - - 60	+ 5	+ 8	0	0	2.8	9
	Wana											0 0 9 0 0	- - - 50		-	0	—	12.0	11
	Landikotal	000 44	4 23 00	98 17	1078 74	4 9 8 0 0	- - - 78	000 42	0 00 00	99 00	0010 58	0 0 9 0 0	- - - ××	—	—	-	—		—
	Hangu	×,×× ××	0 00 00	97 00	0-- —	0 0 9 0 0	- - - ××	××× ××	0 00 00	97 00	0 - - —	0 0 9 0 0	- - - ××	-		—	—	—	—
	Thull	×,×× ××	0 18 09	99 00	0-- -	0 0 9 0 0	- - - ××	××× ××	0 09 09	99 00	0 — —								—
BALUCHISTAN	Fort Sandeman*	000 27	0 23 05	96 05	0086 79	0 0 9 0 0	- - - 83	000 25	6 00 00	96 01	1026 65	0 0 9 0 1	1 × × 56	+ 7	+11	0	0	10.0	11
	Hindubagh	000 25	5 27 18	98 01	1088 74	5 5 7 0 0	7 - - 77	000 34	3 13 05	97 03	1045 56	3 2 8 0 0	3 - - 47	-		0	-	9.0	—
	Loralai	000 41	0 00 00	96 00	0064 75	0 0 9 0 0	- - - 80	000 37	0 23 05	96 00	0022 54	0 0 9 0 0	- - - 51	-		0	—	8.5	—
	Harnai (a)	000 ××	0 27 05	96 00	0, - -	0 0 9 0 0	- - - ××	000 ××	0 09 02	95 00	0 — -	0 0 9 0 0	- - - ××	-		0	0	10.6	14
	Sibi	000 40	2 23 05	99 01	0095 94	0 0 9 0 1	- × - 95	000 39	5 00 00	98 03	0125 67	0 0 9 0 4	- × - 61	-		0	-	8.8	5
	Quetta †	000 38	0 31 02	99 00	0098 71	0 0 9 0 0	- - - 73	000 35	0 00 00	99 10	0099 48	0 0 9 0 0	- - - 38	-		0	—	9.4	9
	Chaman	000 51	0 31 03	97 00	0024 72	0 0 9 0 0	- - - 75	000 39	4 00 00	97 03	1045 56	0 0 9 0 4	1 1 × 49	+ 2	+ 3	0	0	9.6	8
	Nushki	000 43	5 29 05	97 03	1077 75	0 0 9 0 1	3 9 0 76	000 37	7 13 03	96 03	1106 56	0 0 9 0 1	9 × 0 49	-	—	0	-	5.4	—
	Dalbandin *	000 36	0 09 05	94 05	1029 71	0 0 9 0 0	- × - 78	000 32	3 09 02	95 05	1043 52	0 0 9 4 1	0 9 9 59	- 5	+ 4	0	0	1.8	4
	Nokkundi	000 45	4 18 02	99 03	0134 80	0 0 9 0 1	- × - 82	000 23	7 00 00	99 03	1194 55	0 0 9 0 6	9 0 × 51	-	-	0	-	0.9	2
	Kalat †	000 46	0 31 05	98 00	0011 67	0 0 9 0 0	- - - 72	000 31	6 18 05	98 03	1023 41	0 0 9 0 4	3 4 0 39	+ 5	+ 5	0	0	9.7	7
	Turbat	000 35	0 02 03	97 00	0112 96	0 0 9 0 0	- - - 98	000 35	0 03 03	96 03	0140 75	0 0 9 0 0	- - - 66	-		0	—	1.4	—
	Panjgur *	000 30	1 36 14	97 03	0008 73	0 0 9 0 1	9 6 0 75	000 34	8 36 05	97 03	0091 55	0 0 9 0 4	0 6 0 48	- 6	- 2			3.2	5
	Las Bela	000 76	0 00 00	99 00	0095 93	0 0 9 0 0	- - - 96												8
	Ormara	000 66	0 27 09	96 00	0112 80	0 0 9 0 0	- - - 81	000 67	0 00 00	97 00	0138 71	0 0 9 0 0	- - - 68	-	—	0	0	3.0	6
	Pasni	000 67	0 23 09	98 00	0116 81	0 0 9 0 0	- - - 85	000 64	0 27 03	96 00	0138 69	0 0 9 0 0	- - - 64	- 3	-	0	0	4 9	6
	Jiwani																		4
SIND	Reti	000 49	0 27 09	96 00	0104 95	0 0 9 0 0	- - - 97	000 45	6 27 02	96 01	0××× 64	6 0 9 3 0	- - - 83	-		0	-	2.2	—
	Jacobabad	000 38	0 30 07	97 00	0105 92	0 0 9 0 0	- - - 95	000 48	5 09 02	96 00	3132 67	0 0 9 0 5	- - - 61	+ 4	+ 5	0	0	0.7	4
	Sukkur	000 52	0 27 ××	96 00	0103 90	0 0 9 0 0	- - - 95	000 52	6 20 ××	96 10	3126 70	0 0 9 0 8	6 6 × 66	-	-	0	-	1 9	4
	Padidan	000 47	0 00 00	98 00	0103 93	0 0 9 0 0	- - - 96	000 57	2 18 05	98 01	0126 70	0 0 9 0 1	- - - 60	-	-	0	-	0.9	—
	Karachi (Manora)	000 77	0 25 09	98 00	0118 80	0 0 9 0 0	- - - 84	000 69	0 00 00	98 00	0138 74	0 0 9 0 0	- - - 70	- 3	0	0	0	1.6	3
	Karachi (A. P.)	000 63	0 7 07	99 00	0119 87	0 0 9 0 0	- - - 90	000 64	0 00 00	98 00	0143 69	0 0 9 0 0	- - - 62	-	-	0		8.0	—
	Badin																		9
	Nagarparkar																		—
	Chhor (Umarkot)	000 75	0 34 05	97 00	0104 91	0 0 9 0 0	- - - 98	000 65	0 00 00	97 00	0134 76	0 0 9 0 0	- - - 65	-	-	0		2.3	—
	Hyderabad	000 45	0 23 05	97 00	0112 94	0 0 9 0 0	- - - 97	000 53	0 00 00	96 00	0135 67	0 0 9 0 0	- - - 64	+ 4	+ 1	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 32	6 02 03	98 02	2098 63	6 5 8 0 0	- - - 71	000 47	0 00 00	97 00	1004 58	0 0 9 0 0	- - - 54	—	—	0	—	7.0	12
	Jalalabad	000 55	3 07 02	97 03	1066 79	0 0 9 5 0	- - - 88												—
	Kandahar																		—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 3RD NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_hhC_mC_m$	$W_1D_aD_mT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_hhC_mC_m$	$W_1D_aD_mT_xT_n$	Departure from Normal T_x T_x	T_n T_n	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Arabia	Muscat	—	000 66	0 09 02	97 00 0	127 83	0 0 9 0 0	- - - 85	000 72	2 13 02	96 00 0	142 82	0 0 9 0 2	- - - xx	- 1	—	0	- 0.1	3 3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 xx	1 09 03	97 00 0	158 81	0 0 9 0 1	- x - 81	000 xx	7 11 05	96 00 0	125 76	0 0 9 2 0	- - - 73	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,040-10,060 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_M C_H	D_s v_s app	8 N_s Ch_s h_s	O T_s T_s T_d Td	1d_w d_w P_w H_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caledonia	64 180	693 00	0 34 09	98 00 0	100 82	00 9 00	6 6 400	—	0 55 73	—
Ceram	63 209	701 06	0 05 11	98 02 0	151 84	00 9 00	3 4 001	—	0 04 66	1 05 22
City of Bristol	63 088	698 06	7 28 09	97 01 8	110 82	22 5 57	6 6 901	—	0 51 76	1 22 32
Caledonia	63 177	675 06	0 02 09	99 02 0	127 98	00 9 00	6 6 300	—	0 12 76	—
Caledonia	63 173	650 12	0 02 13	98 02 0	102 95	00 9 00	3 4 001	—	0 03 75	—
Ceram	68 194	719 18	0 00 00	98 02 0	110 86	00 9 00	—	—	0 03 74	1 xx xx
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTwoXtXt	PtPthahtht	TaTaTdaTdaTxtetc.	5555	hthPtPaPt	TtTtTdtTdtTxtetc.
1	2	3 4 5 6	7 8	9 10 11	12	13 14 15 16 17	18 19	20 21	22 23 24 25 26
Karachi	780 14	010 27 197 60	000 36 271 82	855 01 186 02 700 38 106 49	366 01	562 90 555 55	349 00 210 70 679 20 155 88	456 00 037 03	

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet † 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	01 01	35 02	31 01	24 03	23 07	25 12	—	—	—	—	13 07	13 04	15 09	—	—	—	19 04	02 03	29 04	—	—	—	—	—
Dhior	19 04	19 06	19 08	21 08	24 13	01 03	25 10	27 27	27 27	—	28 13	28 12	27 09	16 08	18 11	16 02	24 05	29 19						
Chittagong	24 11	25 07	24 01	15 07	13 09	16 03	—	—	—	—	07 09	08 06	10 04	16 00	17 13	26 05	09 10	10 07	13 06	15 10	15 13	24 05	26 29	28 30
Cox's Bazar	18 02	14 02	14 04	14 09	12 08	—	—	—	—	—	No	ascent	—	—	—	—	15 09	14 20	14 21	14 15	12 19	—		
Dacca	01 02	33 02	29 01	06 02	09 02	34 13	—	—	—	—	15 08	15 04	20 07	24 08	25 08	—	22 08	21 04	21 06	27 07	29 04	25 08	30 27	26 35
Dalbandin	—	—	07 09	07 07	36 07	03 06	25 07	—	—	—	—	—	07 11	01 20	04 12	05 14			07 11	06 18	08 15	20 16	25 07	—
Drosh	—	—			21 07	21 09	23 13				—		—	20 01	08 43	calm	—	—			08 14	01 10	08 06	28 31
Fort Sandeman			—	33 06	26 07	25 06	27 14	28 38	29 46	29 70				23 03	36 49	32 22	—	—	—	28 49	30 04	34 08	28 06	—
Jacobabad	22 05	21 06	01 05	19 03	17 01	03 04	28 01	28 18	28 35	28 40	25 03	25 09	26 06	27 06	30 08	34 08	21 11	26 05	35 07	34 06	32 06	33 04	25 13	—
Jhelum	22 02	27 04	27 03	26 04	20 09	20 10	28 14	29 28	29 37	—	18 31	22 04	23 04	24 04	25 04	31 17	31 05	35 04	34 07	35 08	05 08	08 46	29 17	30 37
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	27 14	27 10	27 10	20 23	17 17	12 12	25 07	25 18	27 25	28 31	26 10	21 31	20 17	18 19	12 08	08 04	25 15	24 18	21 18	19 21	11 11	12 08	26 17	27 31
Khanpur	25 20	24 13	24 16	27 13	26 09	31 05	29 10	—	—	—	26 15	25 20	25 20	23 05	23 03	35 09	25 22	25 16	26 26	28 16	27 16	24 05	—	—
Lahore	38 02	23 04	25 06	26 09	27 13	27 09	29 18	30 27	29 40	27 70	31 08	04 04	31 04	31 06	31 11	34 20	31 05	07 03	06 06	30 09	35 04	30 09	30 15	—
Multan	06 10	29 02	27 04	23 04	24 08	27 13	26 10	28 28	—	—	24 22	26 27	24 35	28 13	28 12	29 13	35 10	35 02	31 07	24 07	24 13	22 12	30 12	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—	04 05	04 04	11 03	21 07	29 13	—	19 04	22 04	33 07	33 07	33 13	33 10	29 33
Quetta	—				30 12	31 16	30 14	27 38	28 41	28 68	—	—	—	—	29 07	34 13	—	—	—	—	28 08	35 17	30 17	—
Bushire	—					—					—	—			—							—	—	—
Sharjah	—					—																—		

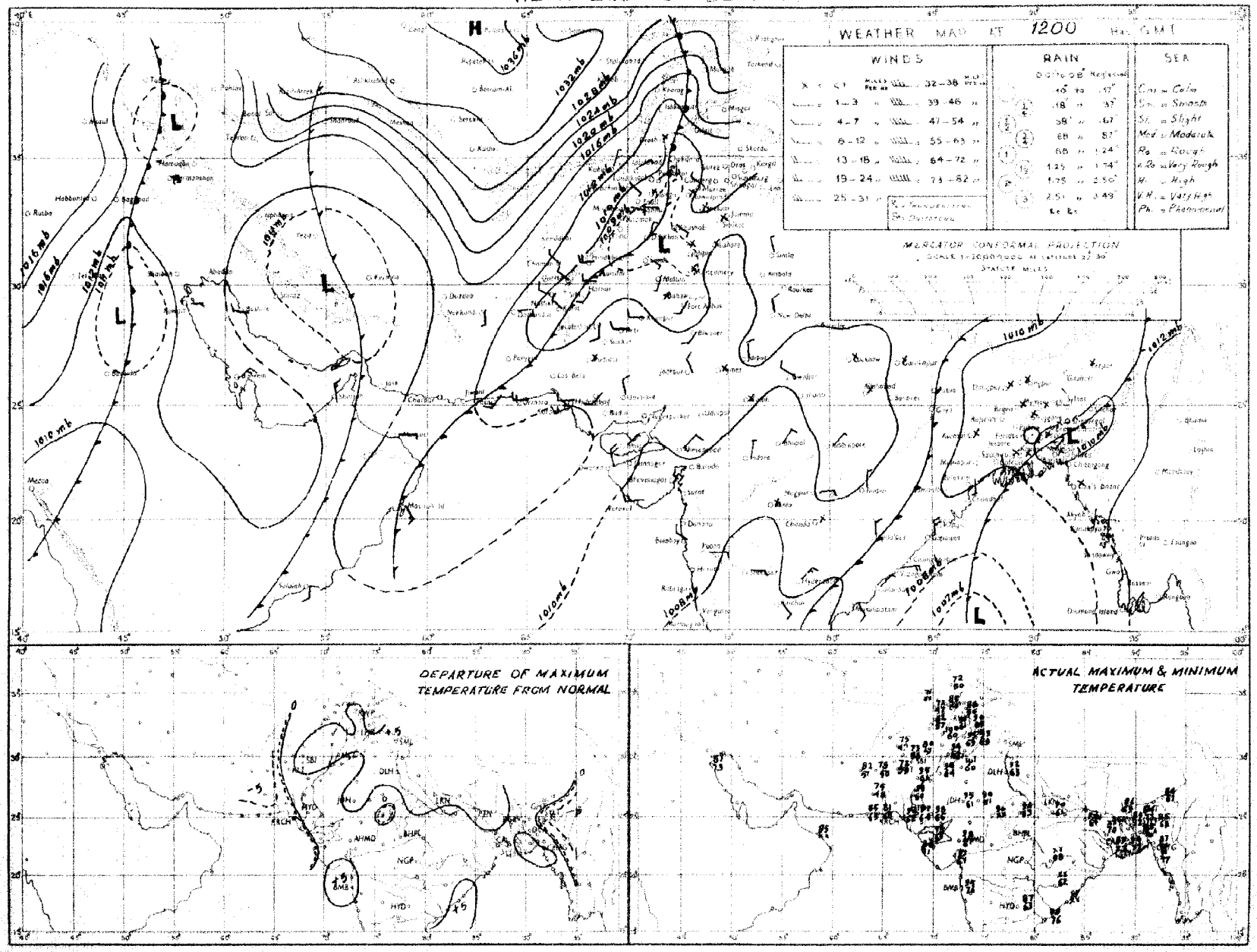
Cloud Observation Data (iiiGG Cddv. w.)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
††The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

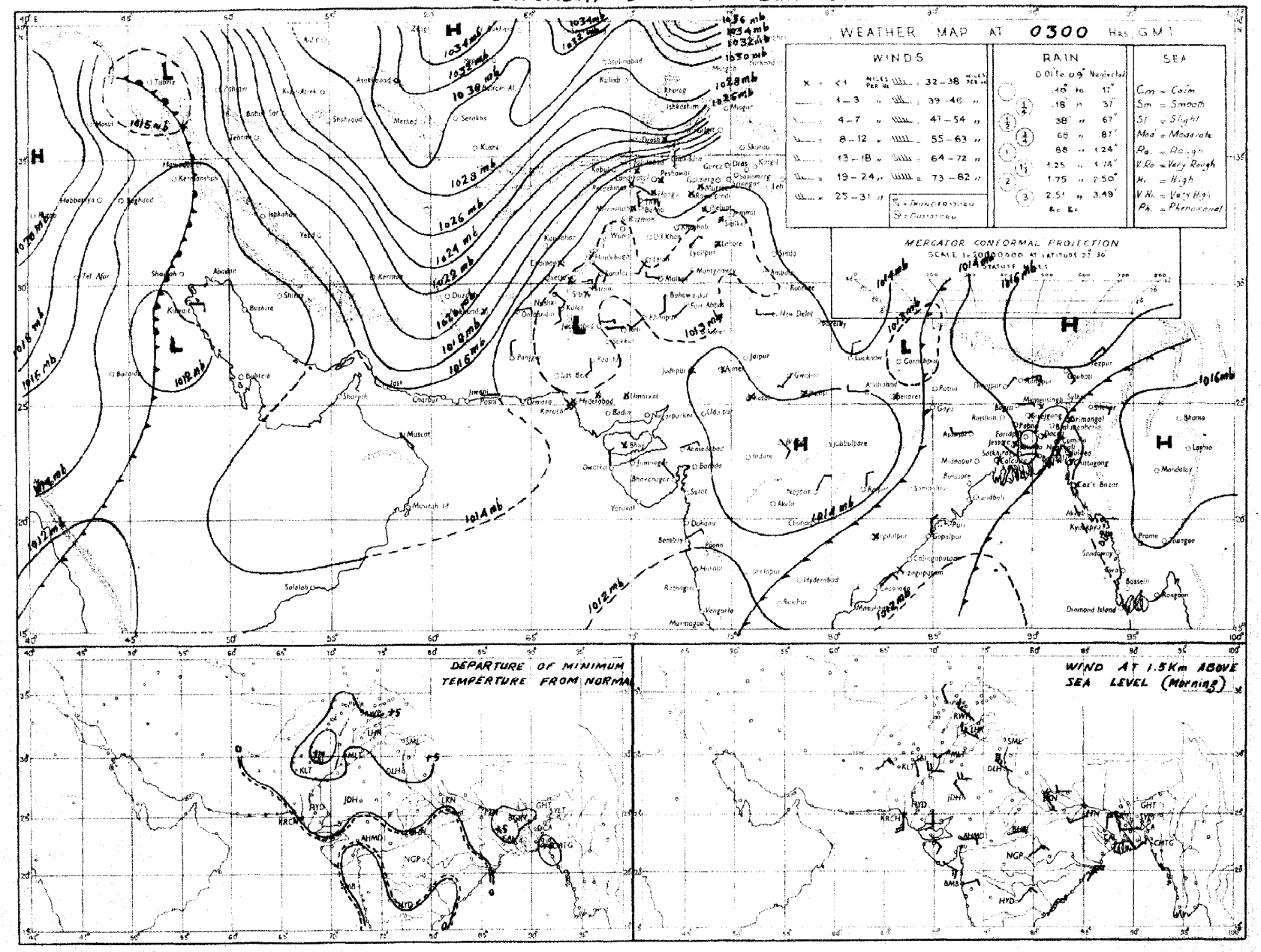
FRIDAY 2nd NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 3rd. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SUNDAY, THE 4th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough extends from west Iran to southeast Arabia.
A western disturbance lies over north Baluchistan and adjoining Afghanistan. It is moving eastnortheastwards.
The trough of low in south and adjoining central Bay persists.
Local rain has occurred in East Pakistan.
Chief amounts of rainfall are :—Mymensingh 2"; Bogra 1" and Rangpur ½".
Night temperatures were appreciably to markedly above normal over the Country outside south Baluchistan and lower Sind.
Forecast valid until the evening of 5th :—Scattered rain/thunderstorms will occur in East Pakistan, north Baluchistan and the lower North-West Frontier Province and will extend into the upper North-West Frontier Province and Kashmir by tomorrow.

Karachi-11.
The 4th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTXTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTXTx	Departure from Normal TxTx	TnTn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 68	4 00 00	95 02 1	117 76	2 8 5 3 0	- - - 91	000 73	7 00 00	96 03 1	154 80	3 1 5 3 0	- - - 72	+ 5	+ 1	0.1	- 1.1	121.5	140
	Chittagong	000 70	6 18 05	96 02 1	113 82	5 8 6 7 0	- - - 87	000 73	5 00 00	94 00 4	xxx 81	4 8 6 7 0	- - - 74	+ 2	+ 4	0	- 0.7	134.0	108
	Noakhali	000 76	2 00 00	95 03 1	xxx 82	2 x 4 0 0	- - - 87	000 73	3 36 02	98 03 1	147 80	3 2 7 0 0	- - - 72	+ 3	+ 6	0.5	- 0.1	—	115
	Comilla	000 77	0 00 00	98 00 0	106 78	0 0 9 0 0	- - - 79	000 73	3 36 02	98 03 1	147 80	3 2 7 0 0	- - - 72	- 6	+ 4	0.7	+ 0.3	131.9	94
	Brahmanbaria	000 72	0 00 00	97 00 0	114 81	0 0 9 0 0	- - - 80	000 75	2 05 02	97 01 1	165 02	2 5 0 0	- - - 73	—	—	0	- 1.2	65.5	78
	Dacca	xxx 72	1 00 00	xx 01 1	105 79	1 1 8 0 0	9 x x 89	xxx 74	6 07 02	96 20 2	151 77	5 8 4 4 0	- - - 70	—					74
	Narayanganj	000 71	1 00 00	xx 01 1	xxx 83	1 0 7 2 0	9 x 0 90	000 72	7 09 02	98 03 2	147 81	7 4 5 - -	- - - 74	+ 5	+ 4	0	- 0.4	88.8	74
	Mymensingh	007 72	0 00 00	98 00 6	102 79	0 0 9 0 0	0 - - 83	225 74	- 09 06	98 02 6	172 78	7 8 6 - -	- - - 73	- 1	+ 5	2.3	+10.0	64.0	91
	Srimangal	015 73	1 00 00	95 01 6	111 75	1 2 5 0 1	- - - 84	015 73	6 00 00	96 02 1	158 77	5 8 6 3 0	- - - 68	- 4	+ 5	0.2	- 0.3	105.4	98
	Khulna	000 73	2 00 00	96 00 0	111 80	2 1 8 0 0	- - - 88	000 75	7 00 00	97 00 0	155 75	7 2 8 1 0	- - - 75	+ 4	+ 7	0	- 0.3	53.4	68
	Satkhira	000 74	6 00 00	97 03 1	106 80	4 4 7 6 0	- - - 87	000 74	6 05 02	97 03 1	150 80	5 4 7 6 0	- - - 73	0	+ 7	0	- 0.2	44.7	65
	Jessore	000 73	0 00 00	97 00 0	113 80	0 0 9 0 0	- - - 80	000 74	6 13 05	96 02 4	153 78	6 8 6 0 0	- - - 71	—		0	- 0.4	45.9	65
	Faridpur	010 75	2 00 00	95 05 0	106 82	2 4 7 0 0	- - - 82	010 75	5 00 00	95 05 0	155 79	4 4 7 1 0	- - - 74	- 1	+ 5	0.5	+ 0.2	56.0	71
	Barisal	003 72	8 09 02	97 02 6	111 80	6 7 5 2 x	3 x x 86	003 74	6 10 02	98 03 2	152 80	4 8 6 5 0	- - - 76	+ 4	+ 6	0.3	- 0.2	73.9	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 72	1 00 00	xx 02 1	107 79	1 6 2 0 0	- - - 83	000 72	0 09 09	97 00 1	159 79	0 0 9 0 0	- - - 72	0	+ 5	1.3	- 1.1	67.2	64
	Bogra	000 75	3 00 00	96 01 1	107 81	2 1 7 0 1	- - - 85	118 71	1 09 02	96 01 9	154 77	0 0 9 0 3	- - - 70	+ 1	+ 4	1.2	+ 0.9	46.2	69
	Dinajpur	000 71	4 00 00	xx 01 2	118 78	0 0 9 4 0	- - - 83	000 72	0 00 00	9 00 0	104 79	0 0 9 0 0	- - - 68	- 1	+ 3	0	0	48.6	72
	Rangpur	035 xx	4 07 02	96 02 6	— —	4 1 8 0 0	8 0 0 —	035 xx	2 07 02	98 02 1	— —	2 1 8 0 0	- - - -		—	0.3	+ 0.2	79.2	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu *																		—
	Gilgit *																		—
	Misgar																		—
	Allabad																		—
PUNJAB	Lyallpur	000 50	1 05 02	96 01 0	090 86	0 0 9 0 2	- - - 91	000 56	4 00 00	93 11 4	136 60	0 0 9 0 1	2 3 0 58	+ 5	+ 6	0	0	10.2	12
	Lahore	000 65	1 00 00	96 03 1	101 81	0 0 9 0 3	9 9 x 92	000 57	0 00 00	95 05 0	140 66	0 0 9 0 0	- - - 58	+ 4	+ 7	0	0	14.7	19
	Sialkot	000 62	1 00 00	97 02 1	094 83	0 0 9 0 2	- - - 90	000 55	0 00 00	97 00 0	141 67	0 0 9 0 0	- - - 62	+ 4	+ 8	0	0	18.7	32
	Jhelum	000 57	0 00 00	96 00 0	098 83	0 0 9 0 0	- - - 91	000 50	1 00 00	96 01 0	149 65	0 0 9 0 1	- - - 55	—		0		26.3	—
	Rawalpindi	000 50	0 00 00	99 00 0	106 80	0 0 9 0 0	- - - 87	000 44	2 00 00	98 01 1	162 55	0 0 9 2 0	- - - 52	+ 5	+ 4	0	0	25.7	36
	Murree †	000 38	0 00 00	98 00 1	082 58	0 0 9 0 0	9 x x 65	000 28	0 00 00	98 00 0	002 53	0 0 9 0 0	- - - 48	+ 5	+ 4	0	0	45.1	59
	Attock	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - -	xxx xx	2 36 02	97 00 0	— —	0 0 9 0 1	- - - -			-	—	—	—
	Khushab	000 63	0 18 02	98 00 0	093 88	0 0 9 0 0	- - - 92	000 54	1 27 02	99 01 1	140 66	0 0 9 0 1	- - - 60	+ 5	+ 6	0	0	10.0	15
	Montgomery	000 59	2 00 00	96 01 1	094 91	0 0 9 0 1	9 x x 93	000 54	1 23 02	96 01 0	136 69	0 0 9 0 1	1 0 - 59	+ 4	+ 4	0	0	6.1	10
	Lyallpur	000 87	0 36 02	97 00 0	094 90	0 0 9 0 0	- - - 92	000 58	0 00 00	97 00 0	144 65	0 0 9 0 0	- - - 64			0		6.6	8
	Multan	000 49	0 31 02	97 00 0	094 88	0 0 9 0 0	- - - 91	000 46	0 00 00	97 00 0	140 73	0 0 9 0 0	- - - 70	+ 3	+16	0	0	6.9	7
	Khanpur	000 68	0 23 03	95 05 0	103 90	0 0 9 0 0	- - - 95	000 46	5 18 03	95 05 1	141 69	0 0 9 3 5	9 9 9 64	+ 4	+ 9	0	0	1.9	6
	Bahawalpur	000 71	0 00 00	97 00 0	094 89	0 0 9 0 0	- - - 96	000 57	1 00 00	97 00 0	143 62	0 0 9 0 8	- - - 59	+ 5	+ 5	0	0	4.5	6
	Fort Abbas	000 74	0 23 03	96 00 0	099 90	0 0 9 0 0	0 x x 01	000 59	0 23 03	96 00 0	145 70	0 0 9 0 0	- - - xx		—	0		3.7	8
N. W. F. P.	Dresh *	000 20	1 11 02	99 01 1	995 65	1 1 8 0 0	- - - 73	000 31	0 00 00	99 00 0	070 50	0 0 9 0 0	- - - 49	+ 4	+ 3	0	-	22.7	18
	Chakdara	000 58	0 20 02	99 00 0	097 75	0 0 9 0 0	- - - 84	000 41	0 36 05	98 00 0	171 57	0 0 9 0 0	- - - 50			0	—	20.3	—
	Cherat *	000 42	0 31 09	98 00 0	002 88	0 0 9 0 0	- - - 74	000 43	1 36 09	98 01 0	023 63	0 0 9 0 1	0 0 - 56	+ 4	+ 6	0	—	28.9	29
	Peshawar	000 55	1 00 00	97 02 1	104 81	0 0 9 0 1	- - - 85	000 40	3 00 00	97 03 1	153 65	0 0 9 0 4	2 6 - 59	+ 4	+ 6	0	0	9.1	14
	Parachinar	000 24	0 18 02	99 00 0	076 70	0 0 9 0 0	5 x x 72	000 38	3 00 00	99 01 1	990 50	0 0 9 0 1	- - - 44	+ 3	+ 3	0	—	28.5	29
	Miranshah	000 35	0 07 03	99 00 0	078 79	0 0 9 0 0	- - - 80	000 38	4 00 00	98 01 1	018 61	0 0 9 0 3	- - - 56	-	-	0	0	10.5	12
	Bannu	000 54	0 11 03	99 00 0	093 82	0 0 9 0 0	- - - xx	000 45	0 29 03	99 00 0	152 66	0 0 9 0 0	- - - 62	-		0		5.8	11
	D. I. Khan	000 60	0 00 00	96 00 0	086 88	0 0 9 0 0	- - - 90	000 51	0 00 00	96 00 0	151 60	0 0 9 0 0	- - - 59	+ 5	+ 7	0	0	2.8	9
	Wana																		11
	Landikotal	000 29	0 00 00	99 00 0	085 78	0 0 9 0 0	- - - 77	000 38	2 00 00	99 02 1	019 61	0 0 9 7 0	- - - 45		-	0	—	12.0	—
	Hangu	xx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	-	—		—		—
	Thall	xxx xx	0 18 09	99 00 0	— —	0 0 9 0 0	- - - -	xxx xx	0 36 09	99 00 0	— —	0 0 9 0 0	- - - -			-	—	—	—
BALUCHISTAN	Fort Sandeman*							000 32	0 00 00	96 01 1	040 55	0 0 9 4 1	- - - 51		+ 6	0	0	10.0	11
	Hindubagh	000 27	2 23 12	98 01 1	080 70	0 0 9 0 9	7 6 x 75	000 28	6 09 05	97 03 1	014 58	6 2 8 0 0	3 x x 46			0	—	9.0	—
	Loralai	000 31	0 18 05	96 00 0	075 75	0 0 9 0 0	- - - 82	000 31	6 27 02	97 03 1	030 54	0 0 9 0 5	- - - 48	-	-	0	—	8.5	—
	Harnai (a)	000 xx	0 05 02	96 00 0	— —	0 0 9 0 0	- - - -	000 xx	x 27 02	95 01 0	— —	x 0 8 1 0	- - - -			0	0	10.6	14
	Sibi	000 22	4 23 05	99 03 1	084 94	0 0 9 0 4	9 x 5 96	000 41	7 00 00	98 03 1	134 65	0 0 9 0 0	- - - 60			0	—	3.8	5
	Quetta †	000 42	5 34 05	99 01 1	089 69	0 0 9 0 6	8 0 x 71	000 34	7 26 02	98 03 2	092 45	0 0 9 4 5	- - - 39			0	0	9.4	9
	Chaman	000 51	0 23 02	97 00 0	020 72	0 0 9 0 0	- - - 75	000 41	8 11 02	98 03 2	092 45	0 0 9 2 0	2 x 9 51	+ 2	+ 5	0	0	9.6	8
	Nushki	000 45	8 29 07	97 03 2	081 75	0 0 9 0 4	9 5 x 79	000 34	8 11 09	96 03 1	112 59	0 0 9 0 4	9 x 0 50		—	0		5.4	—
	Dalbandin *	000 43	7 05 07	95 06 1	021 79	0 0 9 0 4	0 0 x 84	000 32	7 00 00	96 03 1	028 55	0 0 9 0 4	- - - 51	- 4	+ 5	0	0	1.8	4
	Nokkundi	000 49	5 00 00	99 03 1	121 82	0 0 9 0 2	- - - -	000 37	7 34 02	99 03 1	161 62	2 6 5 2 1	9 9 9 53	-	-	0	—	0.9	2
	Kalat †	000 47	5 36 05	98 03 1	005 66	0 0 9 0 4	9 4 0 71	000 33	4 18 05	98 03 1	020 44	0 0 9 0 4	3 4 0 39	+ 4	+ 5	0	0	9.7	7
	Turbat	000 44	5 12 02	97 03 1	118 95	0 0 9 0 1	4 x 0 96	000 57	6 12 02	95 03 0	157 74	0 0 9 0 1	5 x 0 66	-		0	—	1.4	—
	Panjgur *	000 65	8 31 12	97 03 1	093 75	0 0 9 0 4	9 6 0 78	000 34	x 36 05	97 04 0	024 58	0 0 9 0 4	9 6 0 48	- 3	- 2		—	9.2	5
	Las Bela	000 70	0 00 00	99 00 0	096 80	0 0 9 0 0	- - - 96	000 59	0 00 00	97 00 0	154 71	0 0 9 0 0	- - - 61	—	—	0	—	1.7	8
	Ormara	000 70	0 27 05	97 00 0	109 82	0 0 9 0 0	- - - 83	000 68	0 27 02	95 10 0	148 70	0 0 9 0 0	- - - 65	-		0	0	2.1	6
	Pasni	000 68	0 25 05	98 00 0	112 82	0 0 9 0 0	- - - 85	000 69	0 00 00	96 00 0	144 71	0 0 9 0 0	- - - 67	- 3	+ 2	0	0	4.9	6
	Jiwani																		4
SIND	Reti	000 37	0 27 05	96 00 0	106 85	0 0 9 0 0	- - - 96	000 41	0 27 03	96 00 0	144 64	6 0 9 0 0	- - - 60			0	—	2.2	—
	Jacobabad	000 75	8 36 02	97 02 1	094 93	0 0 9 0 5	- - - 96	000 52	5 09 02	97 03 1	130 69	0 0 9 0 2	9 x x xx	+ 5	—	0	0	0.7	4
	Sukkur	000 53	4 xx xx	96 02 1	095 95	0 0 9 0 8	- - - 97	000 48	6 xx xx	96 10 2	132 72	0 0 9 0 8	- - - 67		—	0	—	1.0	4
	Padidan	000 39	2 00 00	98 01 1	096 94	0 0 9 0 1	8 9 x 96	000 43	3 13 05	98 01 1	130 67	0 0 9 0 1	- - - 58	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 71	0 25 09	99 00 0	112 81	0 0 9 0 0	- - - 85	000 69	0 25 05	99 00 0	147 72	0 0 9 0 0	- - - 70	- 2	0	0	0	1.6	3
	Karachi (*A. P.*)	000 64	1 25 07	97 02 1	112 83	0 0 9 0 1	- - - 92	000 64	1 00 00	97 03 1	148 67	0 0 9 0 1	- - - 63	—	-	0		3.0	—
	Badin													—					9
	Nagarparkar																		—
	Chhor (*Umarkot*)	000 72	0 31 03	97 00 0	096 92	0 0 9 0 0	- - - 98	000 62	0 00 00	97 00 0	138 75	0 0 9 0 0	- - - 65	—	—	0	—	2.3	—
	Hyderabad	000 45	2 23 03	97 01 1	105 94	0 0 9 0 2	- - - 97	000 55	2 00 00	96 00 0	140 67	0 0 9 6 2	- - - 63	+ 4	0	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 28	1 02 02	99 01 0	014 65	0 0 9 4 1	- - - 70	000 43	4 23 02	97 01 0	016 56	0 0 9 0 2	- - - xx	—					12
	Jalalabad	000 52	0 05 02	97 00 0	060 82	0 0 8 0 0	8 x x 88							—	—	0	—	7.0	—
	Kandahar	000 58	1 00 00	98 01 1	086 71	0 0 9 6 2	- - - 77							—					—

See footnote on page 2

P. T O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 4TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_xD_mT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1D_xD_mT_xT_x$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Mar. to date	Departure from normal	Since 1st Jan. to date	Days rain
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Chabahar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Jask	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Mashed	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
	Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11
Arabia	Muscat	000 67	1 09 02	97 00 0	110 84	0 0 9 0 1	- - - 87	000 64	1 13 02	99 00 9	145 83	0 0 9 0 1	- - - ××	+1	--	0	-0.1	3 3	4
	Sharjah	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Kuwait	000 ××	4 11 07	96 00 0	108 81	0 0 9 0 4	- - - 81	000 ××	0 31 17	97 00 0	152 78	0 0 9 0 0	- - - 69	--	--	0	--	1 5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ sno	S N, Ch, h,	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caledonia	73 165	627 00	3 03 13	98 03 1	117 81	32 4 00	6 4 810	--	0 53 74	--
Jalaratna	73 122	750 12	6 29 05	95 01 1	084 86	30 8 48	--	--	--	--
Khoseon	73 227	640 06	1 00 00	99 02 0	154 81	11 8 00	2 3 300	--	0 51 67	1 40 80
Baronfairlie	73 211	616 12	1 00 00	99 02 0	121 83	11 7 00	1 3 611	--	--	--
Jalaratna	73 129	746 18	0 06 05	98 13 1	110 85	63 6 --	--	--	--	--
Carthage	13 183	695 00	0 03 08	99 02 0	107 00	33 × ×8	× × ×××	--	0 53 77	--
Himalia	13 176	672 00	0 02 13	99 02 0	115 80	00 9 00	6 7 300	--	0 54 73	1 02 ×1
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_0P_0P_0T_0T_0$	$T_{d0}T_{d0}T_{x0}X_rX_r$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.	5555	$h_1h_1P_1P_1P_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 15	010 25	210 26	000 36	251 72	855 02	180 52	700 37	118 54	509 29
	12	13	14	15	16	17	18	19	20	21
Karachi	569 94	301 70	849 90	555 55	179 55	260 52	349 00	220 74	678 00	115 52
	22	23	24	25	26					
Karachi	807 68	115 52	917 36	126 01	456 00					

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	02 05	02 05	33 03	30 05	26 11	--				--	10 05	16 09	18 09	28 07	--		11 05	17 01	24 03	23 09	23 09	23 17		
Chhur	24 04	22 07	21 08	22 10	24 17	17 06	27 19	27 25	27 36	--					--	--	26 14	22 06	19 03	19 13	17 13	14 03	27 16	25 23
Chittagong	24 06	22 04	19 03	18 06	--	--	--	--	--	--	06 10	06 11	09 12	--	--	--	16 06	17 12	17 14	17 13	17 09	--	--	--
Cox's Bazar	13 09	13 09	13 11	14 15	15 11	--	--	--	--	--	09 15				--	--	No ascent		--			--	--	--
Dacca	--	--		--		--	--		--	--	18 06	16 06	16 07	18 05	--	--	05 07	16 06	12 07	17 05	20 06	--	--	--
Dalbandin	--	--	08 07	05 12	04 13	03 10	33 06	27 09	--	--	--		03 14	05 15	04 13	--			07 06	03 14	03 14	09 04	17 12	23 19
Drosh		--			14 02	24 09	15 27	22 22	--	--	--		--		--	--		--		23 09	01 12	26 03	31 29	
Fort Sandeman	--		--	31 11	33 07	31 11	30 25	27 27	--	--				01 04	33 08	32 13			23 03	31 01	15 01	29 14	28 26	
Jacobabad	23 05	26 03	31 06	02 06	01 05	29 07	28 11	28 25	--	--	18 05	21 05	22 04	21 03	07 04	05 07	17 07	20 07	19 30	19 06	19 03	09 05	11 07	--
Jhelum	24 05	27 09	28 09	29 04	33 02	22 07	26 19	23 25	27 28	26 00	34 04	32 04	22 06	04 01	34 05	25 03	34 06	32 06	31 07	29 05	35 08	35 03	34 17	--
Jiwani	--																							--
Karachi	27 10	27 17	24 19	23 21	21 30	20 10	26 13	26 16	26 31	27 44	25 11	24 07	26 11	21 10	20 03	33 07	37 10	36 13	33 12	19 17	20 21	21 33		--
Khanpur	28 09	27 11	25 09	31 05	27 09	25 12	27 16	27 27	--	--	23 04	25 07	26 09	24 20	29 03	01 10	21 09	24 11	24 14	25 10	25 04	29 07	29 13	28 32
Lahore	30 01	35 02	21 03	24 05	25 08	25 11	27 22	29 23	--	--	06 09	05 07	04 04	33 03	28 04	--	31 02	35 02	34 06	36 08	34 09	36 13	01 11	
Multan	01 06	01 11	01 16	34 10	28 12	24 19	27 14	27 34			30 09	--	22 03	37 01	29 12	33 06	32 04	31 07	37 04	34 01	24 00	29 09	28 17	28 22
Peshawar		03 04	34 04	31 07	36 11	24 13	29 21	28 24	27 45	--	--	03 04	33 02	22 04	25 03	31 10		18 03	23 04	33 08	34 07	32 13	27 21	29 13
Quetta					32 11	32 18	33 10	29 32	--	--											06 03	04 06	27 13	27 26
Bushire											--	--	--	--	--	--	--	--	--	--	--	--	--	--
Shariah																								

Cloud Observation Data (iiiGG Cddv, v_r)

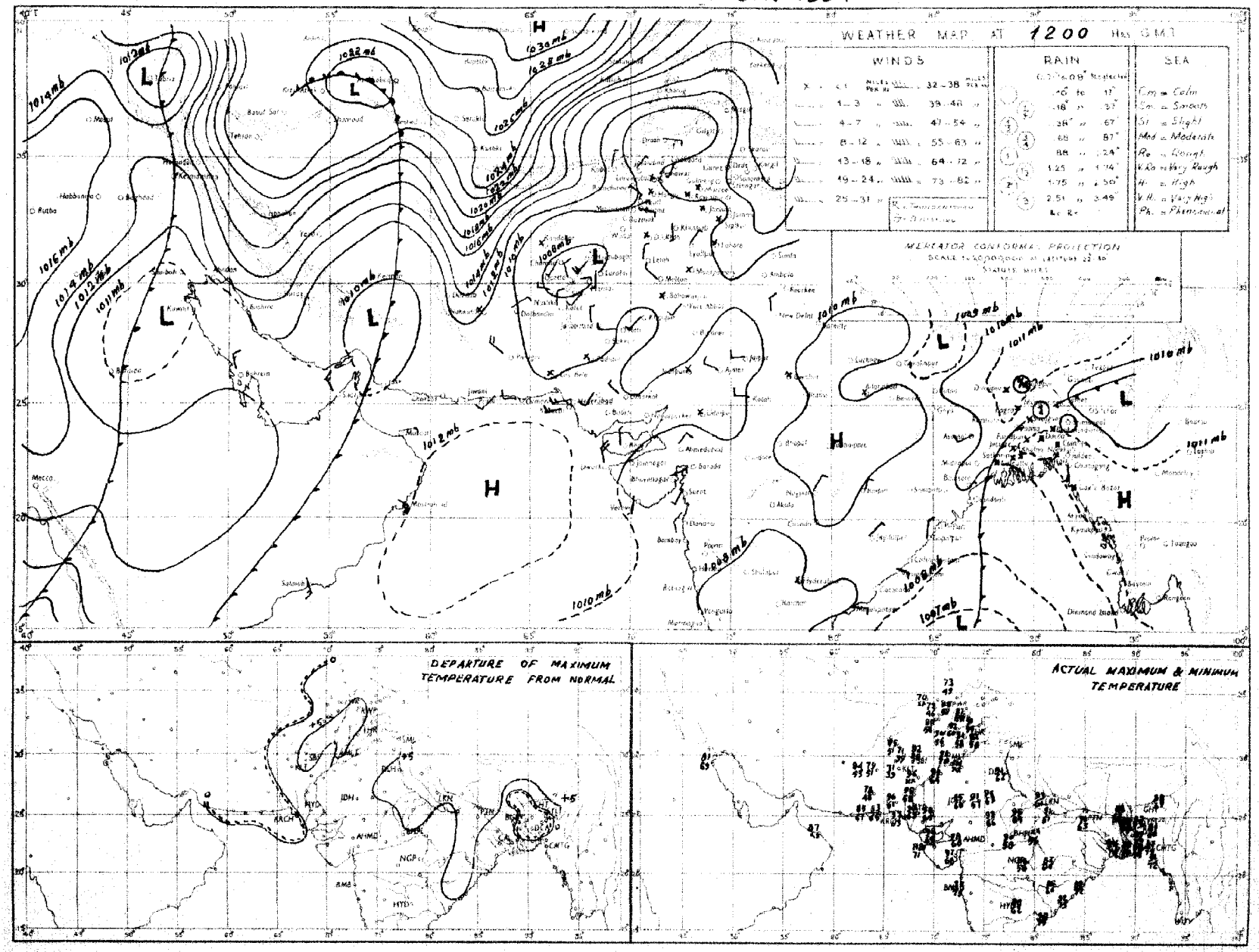
Dalbandin 71208 12409

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5 and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

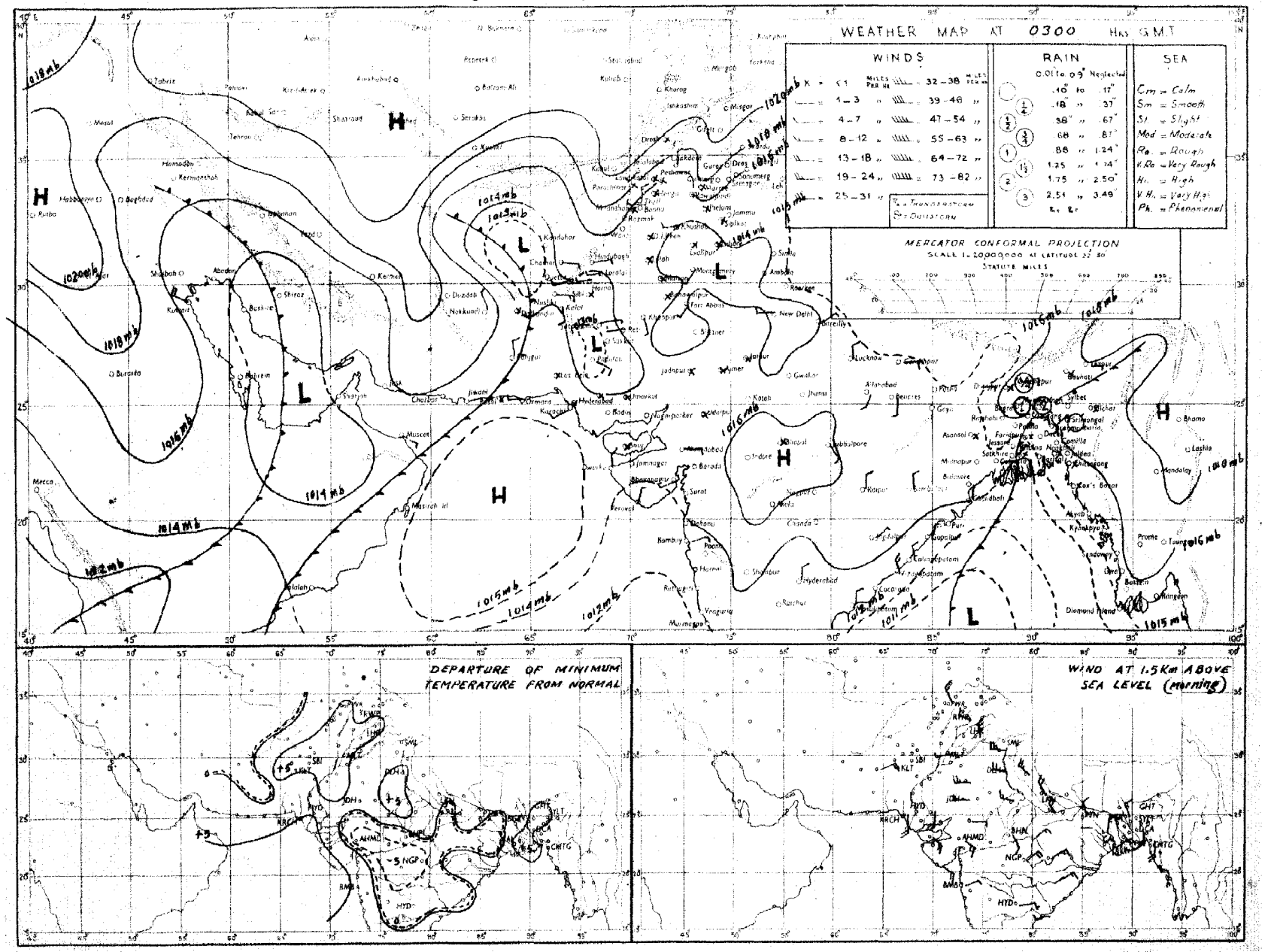
SATURDAY 3rd. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SUNDAY 4th: NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1637

FOR MONDAY, THE 5th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low lies over southwest Iran and adjoining Persian Gulf.

The western disturbance over north Baluchistan now lies over the lower North-West Frontier Province and adjoining Baluchistan. It is likely to move northeastwards.

Isolated rain has occurred in East Pakistan.

Night temperatures were appreciably to markedly above normal over the country outside south Baluchistan and lower Sind.

Forecast valid until the evening of 6th:—Scattered thunderstorms/showers will occur in the North-West Frontier Province, Kashmir and the extreme north Punjab.

Karachi-11.
The 5th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 75	4 00 00	94 02 1	136 79	0 0 9 3 0	1 × 0 89	000 73	2 00 00	97 01 1	150 83	0 0 9 3 1	1 0 0 73	+ 3	+ 2	0.1	- 1.3	121.5	140
	Chittagong	000 76	4 28 02	96 02 1	128 81	2 8 6 7 0	0 × 9 87	000 74	2 00 00	97 02 1	147 84	0 0 9 7 0	0 × 9 74	+ 2	+ 4	0	- 0.9	134.5	108
	Noakhali	002 78	6 00 00	93 03 4	××× 82	4 3 4 4 0	- - - 87	002 73	2 00 00	96 00 4	××× 82	2 × 4 - -	- - - 74	+ 3	+ 5	0.6	- 0 2	-	115
	Comilla	000 75	6 09 05	98 02 1	114 80	6 3 7 0 0	- - - 87	000 74	4 18 02	98 02 1	154 79	4 3 7 0 0	- - - 71	+ 2	+ 3	0.7	+ 0 2	131.9	94
	Brahmanbaria	000 73	4 00 00	97 03 1	131 82	4 4 5 0 0	- - - 86	000 73	0 36 05	97 00 1	159 82	0 0 9 0 0	- - - 75	-		0	- 1.2	65.5	78
	Dacca	××× 72	5 18 08	×× 01 2	133 79	5 5 6 0 0	9 × × 88	××× 74	2 09 02	97 03 1	151 82	2 8 5 0 0	3 × × 70	—			—	—	
	Narayanganj	000 72	7 00 00	×× 03 1	115 80	× 0 7 4 8	9 0 0 88	000 74	7 09 02	94 03 1	148 81	7 4 5 0 0	6 × × 74	+ 3	+ 4	0	- 0.5	85.8	77
	Mymensingh	000 73	8 00 00	99 02 2	130 79	8 4 7 - -	- - - 83	000 75	0 00 00	99 00 0	160 78	0 0 9 0 0	- - - 72	- 2	+ 4	2.3	+ 1.9	64.0	74
	Srimangal	000 74	2 00 00	93 01 1	129 78	2 2 5 0 0	- - - 85	000 72	1 00 00	96 02 1	156 78	0 0 9 3 0	- - - 69	- 3	6	0.2	- 0 4	105.4	97
	Khulna	000 73	2 00 00	98 00 0	126 80	2 8 8 0 0	- - - 88	000 74	4 02 02	97 01 1	163 80	4 8 8 0 0	- - - 71	- 1	+ 6	0	- 0 4	53.4	98
	Satkhira	000 73	5 00 00	97 03 1	121 80	3 4 7 6 0	- - - 85	000 73	6 05 02	97 03 1	150 78	5 4 7 6 0	- - - 74	- 2	+ 6	0	- 0.3	44.7	68
	Jessore	000 75	2 09 02	96 02 1	117 79	2 8 8 7 0	- - - 87	000 70	6 09 05	98 02 4	153 76	6 8 6 0 0	4 × × 72	—		0	- 0.5	45.9	65
	Faridpur	010 73	4 16 02	95 05 0	120 82	4 4 7 0 0	9 × × 83	000 75	3 02 02	97 02 0	154 81	2 4 7 0 8	9 × × 72	0	+ 3	0.5	+ 0.1	56.0	65
	Barisal	005 73	8 13 02	97 01 6	129 80	1 2 6 7 0	7 × × 85	005 75	7 05 02	98 03 2	154 81	4 8 6 5 0	- - - 75	+ 1	+ 6	0.3	- 0 3	73.9	71
	Pabna																		81
	Rampo Boalia																		59
	Birajganj	000 68	0 00 00	×× 00 0	129 82	0 0 0 0 0	- - - 85	000 73	0 09 00	98 00 0	157 80	0 0 0 0 0	- - - 71	+ 2	+ 4	1.3	+ 1.1	67.2	56
	Bogra	000 73	1 09 02	96 00 0	125 80	0 0 9 0 1	- - - 85	000 72	1 09 02	96 00 0	161 80	0 0 9 0 1	- - - 71	+ 1	+ 5	1.2	+ 0 8	46.2	64
	Dinajpur	000 71	0 00 00	×× 00 0	141 81	0 0 9 0 0	- - - 85	000 71	8 05 02	96 02 4	150 74	8 4 7 0 0	- - - 68	+ 1	+ 3	0	0	48.6	69
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - —	000 ××	8 07 02	96 02 1	— —	8 5 9 9 0	- - - -		—	0.3	+ 0.2	79.5	72
																			84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Allahabad																		
PUNJAB	Lyallpur	000 56	4 21 02	96 01 0	114 87	0 0 9 0 2	- - - 91	000 57	4 00 00	93 11 4	148 64	0 0 9 0 4	1 3 0 69	+ 5	+ 8	0	0	10.2	12
	Lahore	000 63	4 00 00	96 02 1	123 84	0 0 9 0 1	- - - 92	000 57	3 00 00	96 01 1	154 69	0 0 9 0 1	3 9 × 57	+ 4	+ 6	0	0	14.7	19
	Sialkot	000 68	2 00 00	97 02 1	101 83	0 0 9 0 2	- - - 90	000 55	3 00 00	97 03 1	153 87	3 0 8 0 0	- - - 60	+ 4	+ 6	0	0	18.7	32
	Jhelum	000 51	4 27 02	97 02 1	115 82	0 0 9 0 1	9 6 × 93	000 52	3 00 00	95 10 1	165 59	0 0 9 0 1	2 6 × 54	-		0		20.8	
	Rawalpindi	000 48	5 00 00	99 02 2	127 77	0 0 9 3 0	3 × × 87	000 44	3 00 00	98 01 1	164 62	0 0 9 2 0	- - - 51	+ 5	+ 3	0	0	25.7	36
	Murree †	000 31	7 29 03	96 02 1	992 56	0 0 9 0 8	5 5 × 66	000 34	0 29 03	98 00 1	984 54	0 0 9 0 0	9 × × 50	+ 6	+ 6	0	- 0 1	45.1	59
	Attock	××× ××	× 00 00	96 00 1	— —	0 0 9 0 6	4 5 × —	××× ××	7 05 02	95 00 0	— —	0 0 9 0 5	- - - -	—		—	—	—	
	Khushab	000 75	5 18 05	98 03 1	117 87	0 0 9 0 4	- - - 94	000 54	5 00 00	98 03 1	149 64	0 0 9 0 4	- - - 60	+ 7	+ 6	0	0	8.0	75
	Montgomery	000 67	7 00 00	96 01 1	121 85	0 0 9 0 5	9 × × 91	000 58	7 00 00	96 01 1	154 68	0 0 9 0 5	9 × × 60	+ 2	+ 5	0	0	6.1	10
	Lellah	000 76	0 22 02	97 00 0	117 88	0 0 9 0 0	- - - 92	000 58	0 00 00	97 00 0	157 66	0 0 9 0 0	- - - 60	0	-	0	-	6.6	8
	Multan	000 56	0 15 02	97 00 0	119 82	0 0 9 0 0	- - - 94	000 49	0 36 02	96 00 0	164 72	0 0 9 0 0	- - - 61	+ 6	+ 7	0	0	6.9	7
	Khanpur	000 51	7 27 02	94 04 0	117 87	3 5 7 3 0	9 × 9 94	000 41	6 23 02	95 05 1	152 68	0 0 9 3 8	- - - 64	+ 3	+ 9	0	0	2.9	6
	Bahawalpur	000 68	4 00 00	97 03 1	121 85	4 0 9 0 2	9 9 0 90	000 54	3 18 02	97 03 1	148 65	0 0 9 0 5	9 0 0 62	- 1	+ 8	0	0	6.5	6
	Fort Abbas	000 74	0 23 03	96 00 0	××× 90	0 0 9 0 0	0 × × 01												8
N. W. F. P.	Drosh *	000 40	4 00 00	99 01 1	016 65	0 0 9 0 4	- - - 72	000 28	4 00 00	98 03 0	080 50	0 0 9 0 5	- - - 49	+ 3	+ 3	0	—	22.7	18
	Chakdara	000 50	3 18 02	99 03 1	119 73	3 5 6 9 9	2 × × 84	000 38	0 00 00	98 00 0	187 55	0 0 9 0 0	- - - 50	—	+ 7	0	0	20.3	
	Cherat *	000 42	6 34 02	98 03 1	016 69	0 0 9 0 7	4 6 × ××	000 41	6 31 05	98 03 1	036 63	0 0 9 0 7	1 8 × 59	0	+ 6	0	- 0.1	28.9	29
	Peshawar							000 40	5 00 00	97 03 1	166 64	0 0 9 7 6	- - - 59	—	+ 4	0	0	9.1	14
	Parachinar	000 24	5 13 02	97 02 2	011 68	2 8 7 6 0	5 × 7 72	000 37	8 31 02	99 02 2	018 55	2 9 6 6 6	2 9 9 47	+ 3	+ 4	0	-	28.5	29
	Miranshah	000 35	5 47 03	98 01 1	000 79	0 0 9 5 1	- - - 81	000 39	7 00 00	98 03 2	028 64	7 2 6 6 0	- - - 60	—	—	0	0	10.5	13
	Bannu	000 57	4 39 02	99 03 0	141 83	0 0 9 3 0	- - - 58	000 32	4 07 03	99 01 1	151 73	4 8 8 0 0	- - - 65	—	—	0		5.8	11
	D. I. Khan	000 60	5 00 00	96 03 0	108 85	0 0 9 0 4	0 6 × 88	000 43	6 06 01	96 00 1	156 64	0 0 9 0 5	0 6 × 63	+ 3	+11	0	0	2.8	9
	Wana																		
	Landikotal	000 44	6 23 02	99 01 1	005 72	6 6 6 0 0	- - - 77	000 39	3 00 00	99 02 1	962 ××	0 0 9 8 0	- - - 54		-	0	—	12.0	11
	Bangu	××× ××	6 00 00	97 03 1	— —	0 0 9 0 4	- - - -	××× ××	6 00 00	97 03 1	— —	0 0 9 2 0	- - - -	—	—	—	—	—	
	Thull	××× ××	2 23 09	99 01 1	— —	2 8 7 0 0	- - - -							—					
BALUCHISTAN	Fort Sandeman*	000 38	8 00 00	96 02 1	988 74	0 0 9 0 4	- - - 78	000 31	8 00 00	95 02 1	044 56	0 0 9 0 4	9 × × 54	+ 2	+ 9	0	0	10.0	11
	Hindubagh	000 28	7 09 02	97 03 1	982 70	7 7 8 0 0	- - - 76	000 27	5 23 12	97 01 1	007 58	5 5 8 0 0	3 × × 53			0	—	9.0	
	Loralai	000 39	8 00 00	96 03 1	001 69	8 4 4 - -	- - - 75	000 29	4 28 05	96 03 1	036 51	0 0 9 0 0	- - - 44	-	-	0	—	8.5	
	Hurnai (a)	000 ××	8 00 00	94 03 2	— —	3 2 7 6 6	- - - -	000 ××	0 09 02	95 00 0		0 0 9 0 3	- - - -	-	-	0	0	10.6	14
	Sibi	000 33	6 23 05	98 03 3	108 91	0 0 9 7 0	- - - 96	000 43	2 00 00	98 01 0	152 63	0 0 9 5 0	0 × 6 59	-	-	0	—	8.8	5
	Quetta †	000 46	7 34 02	99 02 2	986 67	0 0 9 1 6	- - - 72	000 39	3 00 00	98 10 2	996 47	0 0 9 4 0	9 × 0 38		-	0	0	9.4	9
	Chaman	000 49	0 31 02	97 00 0	010 72	0 0 9 0 0	- - - 76	000 45	0 11 02	97 00 0	039 60	0 0 9 0 0	- - - -	+ 3	—	0	0	9.5	8
	Nushki	000 37	6 00 00	97 03 2	071 75	0 0 9 0 4	9 × 0 75	000 33	2 07 01	96 03 1	091 65	0 0 9 4 0	9 0 × 58		—	0	—	5.4	
	Dalbandin *	000 34	5 09 02	97 01 1	013 79	0 0 9 7 0	- - - 80	000 29	0 00 00	97 00 0	031 53	0 0 9 0 0	- - - 46	- 3	-	0	0	1.8	4
	Nokkundi	000 40	6 00 00	99 03 1	109 81	2 6 5 2 5	9 0 0 84	000 27	0 34 02	99 00 0	164 60	0 0 9 0 0	- - - 57	—	—	0	—	0.9	2
	Kalat †	000 45	6 18 05	98 03 1	997 68	0 0 9 0 4	9 4 0 72	000 33	0 18 05	98 00 0	017 44	0 0 9 0 0	- - - 39	+ 5	+ 5	0	0	9.7	7
	Turbat	000 60	0 25 02	95 03 2	××× 89	0 0 9 2 0	9 0 × 102	000 64	0 18 02	96 00 0	164 72	0 0 9 0 0	- - - 66	-		0	—	1.4	
	Panjgur *	000 71	3 35 03	97 03 1	994 80	0 0 9 2 0	9 0 8 53	000 29	1 05 05	97 03 1	012 54	0 0 9 0 1	9 6 0 49	+ 2	- 1	0	—	3.2	5
	Las Bela	000 72	0 00 00	99 00 0	117 91	0 0 0 0 0	- - - 95	000 62	0 14 02	97 00 0	142 68	0 0 9 0 0	- - - 61		—	0	—	1.7	8
	Ormara	000 62	0 18 02	97 00 0	124 82	0 0 9 0 0	- - - 83	000 50	0 00 00	97 00 0	152 72	0 0 9 0 0	- - - 67	—		0	0	3.0	6
	Pasni	000 68	0 23 07	97 00 0	128 82	0 0 9 0 0	- - - 84	000 69	0 00 00	96 00 0	156 70	0 0 9 0 0	- - - 68	- 4	+ 1	0	0	4.2	6
	Jiwani																		4
SIND	Reti	000 43	0 27 03	96 00 0	102 97	0 0 9 0 0	- - - 97	000 41	0 27 03	96 00 0	144 64	0 0 9 0 0	- - - 60	—		0	—	2.2	
	Jacobabad	000 41	0 16 02	97 02 1	114 90	0 0 9 0 1	- - - 92	000 44	4 11 03	97 03 1	148 65	0 0 9 0 5	- - - 62	+ 1	+ 6	0	0	0.7	4
	Sukkur	000 55	6 00 00	96 10 2	111 90	0 0 9 0 8	- - - 96	000 51	6 25 ××	96 10 2	145 70	0 0 9 0 8	8 6 × 66		—	0	—	1.0	4
	Padidan	000 42	2 00 00	98 01 1	118 92	0 0 9 0 1	- - - 94	000 50	0 00 00	98 03 1	145 67	0 0 9 0 8	- - - 64	—	—	0	—	0.9	
	Karachi (*Manora*)	000 75	0 25 05	99 00 0	128 81	0 0 9 0 0	- - - 86	000 68	4 27 05	99 01 1	151 73	0 0 9 4 0	0 × 9 71	- 1	+ 1	0	0	1.6	3
	Karachi (*A. F.*)	000 71	1 27 10	98 03 1	129 87	0 0 9 0 2	- - - 91	000 65	2 31 05	96 02 1	149 69	0 0 9 0 5	- - - 63			0		3.0	
	Badin																		
	Nagarparkar																		9
	Chhor (*Umarkot*)	000 75	0 31 05	97 00 0	112 91	0 0 9 0 0	- - - 98	000 62	0 34 05	97 00 0	139 70	0 0 9 0 0	- - - 65		-	0		2.2	
	Hyderabad	000 46	0 23 08	97 00 0	115 92	0 0 9 0 0	- - - 97	000 65	3 00 00	96 02 0	143 67	0 0 9 0 2	- - - 65	+ 4	+ 2	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul							000 28	6 25 03	98 02 1	038 42	0 0 9 4 9	- - - 37	—	—	0	—	10.6	12
	Jalalabad	000 49	6 00 02	97 02 1	009 79	0 0 9 2 0	2 × 9 87	000 43	6 27 02	97 02 1	017 60	0 0 9 2 0	9 × 9 51	—	—	0	—	7.0	
	Kandahar																		

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 5TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VVwwW	PPPTT	$N_h C_h h C_m C_a$	$W_1 D_1 D_2 W_2$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VVwwW	PPPTT	$N_h C_h h C_m C_a$	$W_1 D_1 D_2 W_2$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Chabahar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Arabia	Muscat	—	000 68	2 09 02	97 00 0	124 83	0 0 9 0 1	— — — 86	000 65	0 00 00	96 00 0	155 79	0 0 9 0 0	— — — xx	0	—	0	-0.1	3 3	4
	Shargah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Kuwait	—	000 xx	5 30 12	97 00 0	147 78	0 0 9 0 6	— — — 79	000 xx	0 31 09	97 00 0	174 89	0 0 9 0 1	— — — 67	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
†Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorological Weather Central, Air Port, KARACHI-11.

(a) Reports of nil rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_h h C_m C_a$	$D_s v_s$ spp	8 $N_s Ch_s h_s$	O $\Gamma_s T_s T_d T_d$	1$d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalaratna	13 140	736 06	6 36 04	98 02 0	127 88	21 7 81	—	—	—	—
Baroniartic	13 227	639 06	1 23 02	99 02 0	164 83	11 7 00	1 4 110	—	—	—
Baron	8 238	655 18	0 00 00	99 02 0	154 78	00 9 00	1 3 804	—	—	—
Jalaratna	13 156	724 12	1 30 04	98 01 0	094 90	00 9 04	—	—	—	—
Himalaya	13 167	631 12	0 04 13	99 02 0	114 83	00 9 00	6 7 826	8 5 173	—	1 04 x1
Masimpur	13 179	675 12	2 04 76	98 02 0	101 90	00 9 01	1 0 3xx	—	—	—
Baroniartic	13 233	647 12	1 27 08	99 02 0	135 00	11 7 01	1 3 607	—	—	—
Masimpur	13 165	684 06	4 02 07	98 02 0	132 84	11 6 01	—	—	—	—
Jalaratna	13 166	732 18	1 34 12	98 01 0	115 87	xx x xx	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP CODE :—	iiiGG	$P_0P_0P_0T_0T_0$	$T_dT_dD_0X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_d_1T_d_1T_{x1}$ etc	5555	$n_1h_1P_1P_1P_1$	$T_1T_1T_d_1T_d_1T_{x1}$ etc.
1	2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18
Karachi	780 15	011 25	178 60	000 39	261 32	855 04	180 49	700 39	116 14
	509 32	559 97	301 73	859 90	555 55	699 83	260 51	349 00	220 61
	678 00	130 27	707 73	100 01	987 15	128 02	466 00		

STATION	19	20	21	22	23	24	25	26
Karachi	678 00	130 27	707 73	100 01	987 15	128 02	466 00	

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡: 1	2	3	5	7	10	15	20	25	30
1	2	3	4	5	6	7	8	9	10	11
Bogra	07 02	10 01	09 01	30 02	27 13	26 23	27 25	—		
Cibor	23 01	21 05	20 06	20 09	20 13	19 11	25 12	24 26	25 37	25 52
Chittagong	17 04	19 01	19 05	15 06	19 06					
Cox's Bazar	20 06	17 04	16 05	15 04	18 05	26 07	—	—	—	—
Dacca	11 05	07 04	07 03	21 03	26 03	25 21	29 27	—	—	—
Dalbandin			06 06	05 10	10 04	19 04	— 0	24 22	23 49	—
Drosh					03 06	31 02	16 06			—
Fort Sandeman				22 06	23 08	20 05	25 10	27 25		—
Jacobabad	18 09	19 09	19 07	15 04	10 02	14 08	23 15	24 30	—	—
Jhelum	27 04	31 04	32 06	31 04	30 06	32 09	28 19	29 30	28 47	—
Jiwani										
Karachi	27 09	27 09	23 09	19 15	19 16	20 10	23 17	23 27	24 38	24 56
Khanpur										
Lahore	33 04	33 05	33 05	33 05	33 04	35 10	31 14	30 21	29 27	29 52
Mianwali	18 03	20 03	19 04	19 07	23 14	25 08	28 20			
Peshawar		08 00	33 10	31 10	30 10	24 09	27 18	29 35	28 47	28 57
Quetta					18 03	16 07	24 10		—	—
Bushire										
Sharjah										

STATION	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡: 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡: 1	2	3	5	7	10	15	20
1	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	12 09	12 05	19 03	05 04	30 05		08 03	09 03	02 04	15 02	32 02	20 20	18 25	—
Cibor					—	—	05 09	07 06	12 06	15 10	16 12	20 04	22 24	—
Chittagong	04 04	05 02	09 01	22 01	—	—	02 09	02 04	35 08	03 01	19 01	22 21	35 26	—
Cox's Bazar	15 04	16 05	15 05	11 04	—	—	—	—	—	—	—	—	—	—
Dacca	04 01	15 01	11 02	03 03	33 03	—	—	—	—	—	—	—	—	—
Dalbandin	—	—	09 06	08 05	02 03	23 07			07 04	07 09	03 05	33 01	36 18	35 55
Drosh				15 01	04 06	08 01	—	—	—		07 03	01 12	18 06	25 15
Fort Sandeman				01 01	21 06	27 08				05 02	06 03	25 03	26 04	23 18
Jacobabad	13 05	19 07	21 07	15 04	06 02	01 05	15 06	21 11	20 16	22 07	22 03	05 04	25 17	22 21
Jhelum	36 03	33 03	31 04	29 09	25 06	26 05	35 02	29 05	29 05	29 10	31 06	26 05	27 11	
Jiwani														
Karachi	29 08	28 07	23 05	17 13	17 11	18 18	31 11	30 10	24 09	19 17	17 23	21 11	21 21	
Khanpur	18 08	22 08	23 12	20 08	18 07	15 08	23 11	23 13	23 10	22 12	22 16	18 13	25 17	24 20
Lahore	32 04	32 06	35 07	34 06	29 04	28 07	31 06	31 09	31 05	32 08	29 06	25 08	29 04	26 21
Mianwali	17 06	21 10	24 15	23 17	19 08	21 08	21 11	21 12	22 11	23 12	22 10	15 10	21 11	
Peshawar			—	—				34 04	35 11	33 06	04 02	18 03	24 09	24 15
Quetta	—	—	—	—	05 05	20 10	—	—	—	—	25 04	30 06	26 15	—
Bushire	—	—									—		—	—
Sharjah												—		

Cloud Observation Data (iiiGG Cddv, v,)

Dalbandin 71208 12320

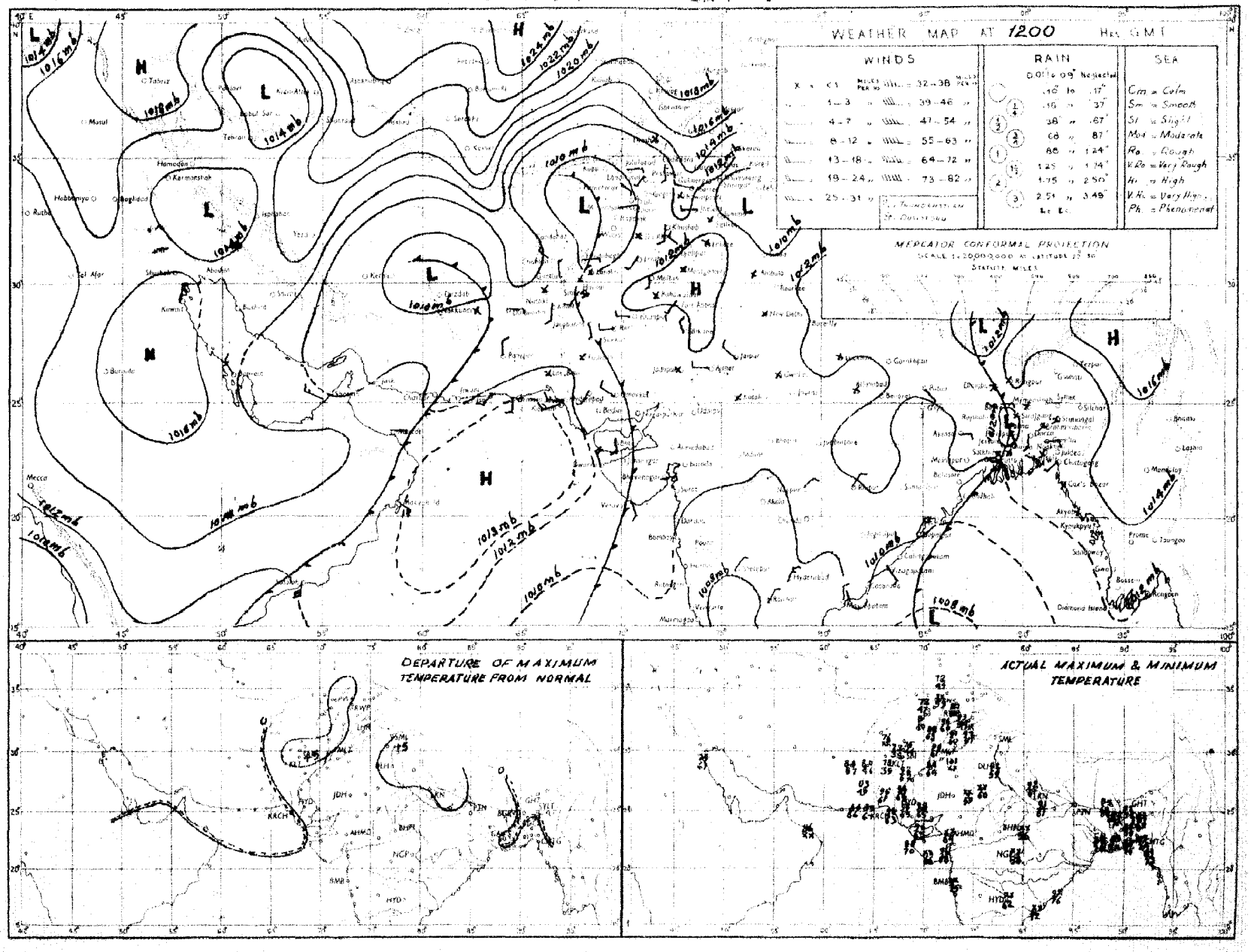
Multan 67502 12352

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The pressure levels to which the upper winds relate are 0.3, 0.5, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

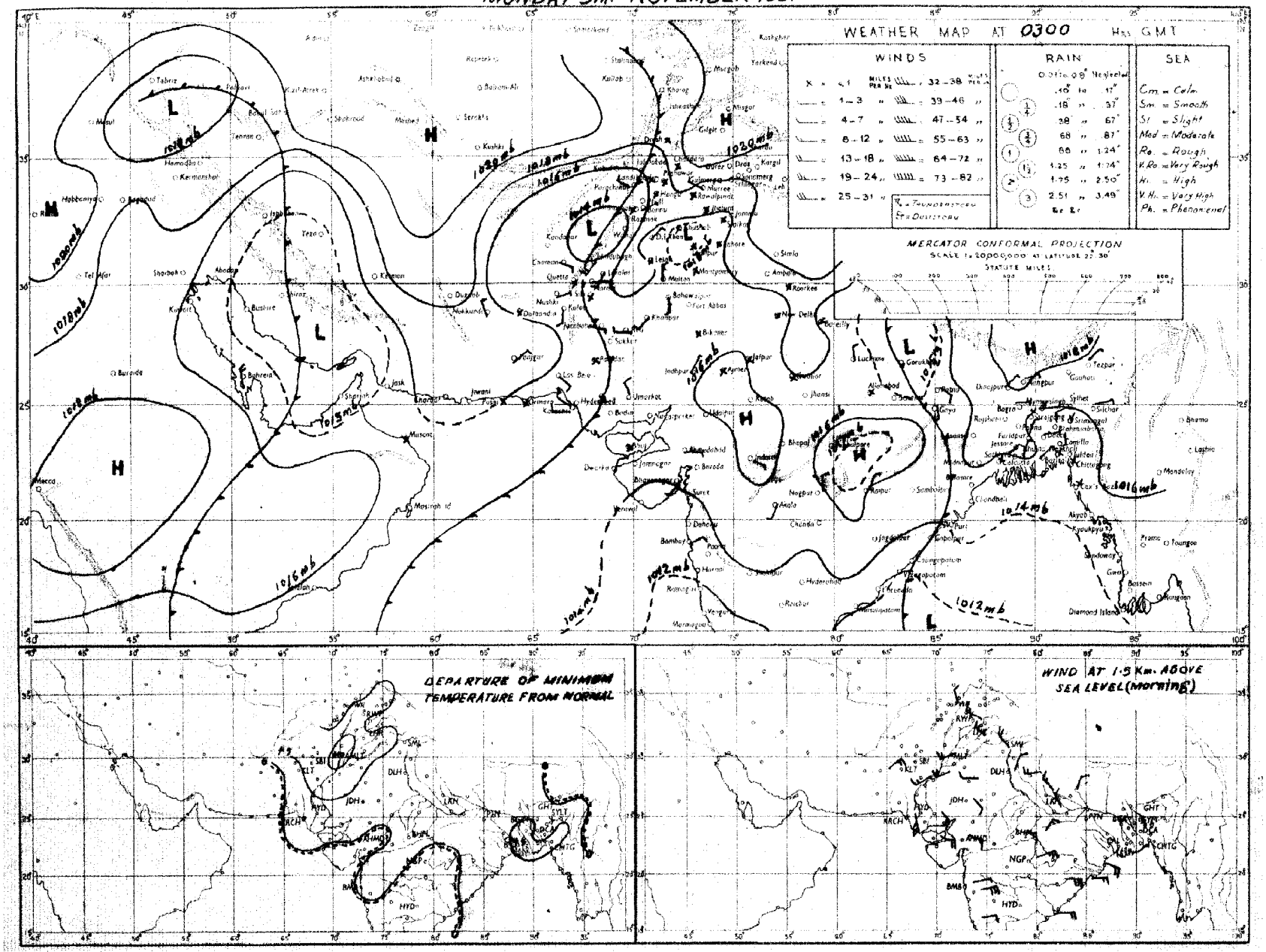
SUNDAY 4th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 5th: NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR TUESDAY, THE 6th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance is moving eastwards across North Iraq.

The western disturbance over the lower North-West Frontier Province moved away northeastwards.

Isolated rain has occurred in East Pakistan.

Night temperatures were appreciably to markedly above normal over the country.

Forecast valid until the evening of 7th :—Weather will be dry over the country.

Karachi-11.
The 6th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTXT2	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTHTH	Departure from Normal TXTX	THTH	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 72	1 00 00	94 01 1	126 83	0 0 9 3 0	1 × 0 89	000 75	0 00 00	97 01 1	145 85	0 0 9 0 0	- - - 75	+ 3	+ 5	0.2	- 1.5	121.5	140
	Chittagong	000 72	2 27 02	96 02 1	123 81	0 0 9 7 0	0 × 9 89	000 74	2 07 05	97 02 1	146 84	0 0 9 3 1	0 9 9 74	+ 4	+ 6	0	- 1.0	134.5	108
	Noakhali	000 73	4 00 00	93 03 1	××× 83	2 2 5 4 0	- - - 87	002 69	3 36 02	95 01 4	××× 77	1 1 5 4 0	- - - 72	+ 3	+ 4	0 6	- 0 3	—	115
	Comilla	000 73	2 00 00	98 00 1	126 79	2 1 7 0 0	- - - 79	000 74	0 05 05	98 00 0	161 80	0 0 9 0 0	- - - 72	- 6	+ 5	0.7	+ 0 1	131.9	94
	Brahmanbaria	000 73	0 00 00	97 00 0	129 80	0 0 9 0 0	- - - 87							—	-				78
	Dacca	××× 71	0 00 00	×× 00 1	128 77	0 0 9 0 0	- - - 87	××× 70	1 00 00	98 00 2	151 19	0 0 9 2 0	9 × × 66	—	-		—	-	...
	Narayanganj	000 72	0 00 00	×× 00 1	114 81	× × × × ×	9 × × 89	000 67	1 36 02	94 01 1	142 84	0 0 9 0 1	6 0 × 71	+ 4	+ 2	0	- 0.5	88.8	74
	Mymensingh	000 73	0 00 00	99 00 0	128 80	0 0 9 0 0	- - - 84	000 73	0 00 00	99 00 0	162 79	0 0 9 0 0	- - - 72	0	+ 5	2.3	+ 1.8	64.0	91
	Srimangal	000 73	0 00 00	93 00 1	127 77	0 0 9 0 0	- - - 83	000 71	0 00 00	96 00 1	152 76	0 0 9 0 0	- - - 63	0	- 1	0.2	- 0 5	105.4	98
	Khulna	000 75	7 18 02	96 03 0	130 78	7 4 8 0 0	- - - 87	000 72	4 09 02	98 01 0	124 81	4 8 8 0 0	- - - 75	+ 3	+ 0	0	- 0 4	58.4	68
	Satkhira	000 73	6 13 02	97 03 1	118 79	4 4 7 6 0	- - - 86	000 73	5 05 02	97 03 1	149 80	4 4 7 6 0	- - - 73	- 1	+ 8	0	- 0.3	44.7	65
	Jessore	000 73	4 00 00	96 03 2	129 80	4 8 6 0 0	- - - 87	000 71	0 05 03	97 00 1	149 81	0 0 9 0 0	- - - 71	—		0	- 0.5	45.9	65
	Faridpur	010 72	4 05 02	95 05 0	125 83	4 × 7 0 0	9 × × 85	000 67	1 00 00	96 05 0	151 79	0 0 9 0 8	9 6 × 69	+ 2	+ 2	0.5	0	36.0	71
	Barisal	005 37	8 23 03	97 02 1	125 79	6 7 5 2 —	0 × × 86	003 72	3 02 03	96 01 2	151 80	1 5 6 5 9	- - - 75	+ 2	+ 7	0.4	- 0 4	73.9	91
	Pabna																		59
	Rampu Boalia																		56
	Sirajganj	000 73	0 00 00	×× 00 0	117 79	0 0 0 0 0	- - - 85	000 71	0 00 00	98 00 0	162 78	0 0 0 0 0	- - - 70	+ 2	+ 5	1.3	+ 1.0	67.2	64
	Bogra	000 72	0 00 00	96 00 0	125 79	0 0 9 0 0	- - - 85	000 72	0 09 02	95 00 0	155 79	0 0 9 0 0	- - - 69	+ 1	+ 4	1.2	+ 0 8	46.2	69
	Dinajpur	000 72	0 00 00	×× 00 0	146 78	0 0 9 0 0	- - - 88	000 69	0 00 00	97 00 0	169 78	0 0 9 0 0	- - - 66	- 1	+ 3	"	0	48.6	72
	Rangpur	000 ××	0 00 00	×× 02 1	-- -	0 0 9 0 0	- - - --	000 ××	0 09 02	98 02 1	- —	0 0 9 0 0	- - - --	—	-	0.3	+ 0.2	78.5	84
KASHMIR	Srinagar †																		...
	Gulmerg † †																		...
	Sonamerg (a)																		...
	Dras †																		...
	Leh †																		...
	Skardu †																		...
	Gilgit *																		...
	Misgar																		...
	Aliabad																		...
PUNJAB	Lyallpur	000 57	2 00 00	96 01 0	124 84	0 0 9 0 2	- - - 91	000 56	0 00 00	92 11 4	167 62	0 0 9 0 0	2 × × 57	+ 5	+ 7	0	0	10.2	12
	Lahore	000 61	2 00 00	96 03 1	132 83	0 0 9 0 4	3 9 × 92	000 56	0 00 00	95 05 0	164 65	0 0 9 0 0	- - - 57	+ 4	+ 8	0	0	14.7	19
	Sialkot	000 55	5 00 00	97 03 1	132 79	5 0 8 6 0	- - - 88	000 55	1 00 00	97 01 1	178 64	1 0 8 6 0	- - - 58	+ 2	+ 6	0	0	18.7	32
	Jhelum	000 53	0 00 00	96 00 1	133 79	0 0 9 0 0	- - - 86	000 51	0 00 00	95 05 0	171 62	0 0 9 0 0	- - - 53	—		0		26.8	...
	Rawalpindi	000 44	3 27 02	98 01 1	137 85	0 0 9 3 0	- - - 85	000 45	0 00 00	98 00 1	193 55	0 0 9 0 0	- - - 49	+ 3	+ 3	0	0	25.7	36
	Murree †	000 38	6 31 03	97 02 1	002 56	3 5 5 5 0	8 × 0 66							+ 6					59
	Attock	××× ××	2 23 02	97 00 0	-	0 0 9 0 2	- - - --	××× ××	0 09 02	98 00 0	-- —	0 0 9 0 0	- - - --	—	—		—	—	—
	Khushab	000 61	1 23 05	98 01 1	129 87	0 0 9 0 3	- - - 89	000 58	0 02 02	99 00 0	172 66	0 0 9 0 0	- - - 57	+ 2	+ 4	0	0	8.0	15
	Montgomery	000 54	2 00 00	96 01 1	133 91	0 0 9 0 2	9 0 × 93	000 58	0 00 00	96 00 0	171 65	0 0 9 0 0	- - - 58	+ 4	+ 5	0	0	6.1	10
	Lelah	000 77	0 23 02	97 00 0	129 90	0 0 9 0 0	- - - 92	000 56	0 31 02	97 00 0	171 65	0 0 9 0 0	- - - 56			0	—	6.6	8
	Multan	000 51	0 00 00	97 00 0	129 90	0 0 9 0 0	- - - 94	000 46	0 00 00	96 00 0	169 72	0 0 9 0 0	- - - 60	+ 6	+ 7	0	0	6.9	7
	Khanpur	000 52	0 27 03	95 05 1	127 89	0 0 9 0 0	- - - 95							+ 4					6
	Bahawalpur	000 69	0 00 00	97 00 1	126 89	0 0 9 0 0	2 0 0 94	000 52	0 00 00	97 00 1	177 63	0 0 9 0 0	- - - 58	+ 3	+ 6	0	0	4.5	6
	Fort Abbas	000 77	0 31 00	96 00 0	122 88	0 0 9 0 0	- - - 95												8
N. W. F. P.	Drosh *	000 05	2 00 00	98 01 1	024 70	0 0 0 4 0	- - - 71	000 28	1 00 00	98 02 1	084 50	0 0 9 0 1	- - - 49	+ 2	+ 4	0	—	22.7	18
	Chakdara	000 48	0 09 02	98 00 0	128 73	0 0 9 0 0	- - - 80	000 41	0 05 03	98 00 0	205 55	0 0 9 0 0	- - - 49			0	—	20.3	...
	Chirat *	000 45	1 16 05	98 01 1	025 69	1 1 6 0 0	3 × × 75	000 43	0 31 10	98 00 0	050 63	0 0 9 0 0	- - - 57	+ 5	+ 6	0	- 0.1	28.9	29
	Peshawar	000 51	2 00 00	96 02 1	137 77	1 1 7 6 0	0 × 5 85	000 43	1 00 00	97 01 1	182 63	0 0 9 0 1	- - - 59	+ 4	+ 8	0	0	9.1	14
	Parachinar	000 32	3 18 02	99 01 1	004 65	1 2 × 3 0	- - - 72	000 37	0 00 00	99 00 0	024 54	0 0 9 0 0	- - - 46	+ 3	+ 5	0		28.5	29
	Miranshah	000 41	4 07 03	98 02 1	018 77	4 0 8 6 0	- - - 81	000 38	0 00 00	99 00 0	038 61	0 0 9 0 0	- - - 57			0	0	10.5	13
	Bannu	000 51	0 00 00	99 00 0	125 82	0 0 9 0 0	- - - 86	000 44	0 00 00	99 00 0	183 67	0 0 9 0 0	- - - 61	—	—	0		5.9	11
	D. I. Khan	000 61	0 00 00	96 00 0	119 86	0 0 9 0 0	- - - 87	000 49	0 00 00	97 00 0	171 61	0 0 9 0 0	- - - 65	+ 2	+ 5	0	0	2.8	9
	Wana																		11
	Landikotal	000 38	2 00 00	99 02 1	015 70	2 1 6 0 0	- - - 75	000 41	0 00 00	99 00 1	044 55	0 0 9 0 0	- - - 48			0	—	12 0	...
	Hangu	××× ××	0 00 00	97 00 1	- —	0 0 9 0 0	- - - --	××× ××	0 00 00	97 00 0	-- —	0 0 9 0 0	- - - --	—	—	—	—	—	...
	Thall	××× ××	0 18 09	99 00 0	--	0 0 9 0 0	- - - --	××× ××	0 13 09	99 00 0	— —	0 0 9 0 0	- - - --	—	—	—	—	—	...
BALUCHISTAN	Fort Sandeman*	000 27	0 00 00	96 05 1	023 76	0 0 9 0 0	0 × × 78	000 32	0 00 00	96 05 0	077 55	0 0 9 0 0	- - - 50	+ 3	+ 6	0	0	10.0	11
	Hindubagh	000 32	1 00 00	98 01 1	988 72	1 1 8 0 0	7 × × 76	000 23	0 27 00	98 00 0	026 49	0 0 9 0 0	- - - 39		-	0	—	9.0	...
	Loralai	000 38	0 13 02	96 00 0	999 72	0 0 9 0 0	- - - 77	000 29	0 27 02	97 00 0	057 49	0 0 9 0 0	- - - 44	—	-	0	—	8.5	...
	Harnai (a)	000 ××	0 27 02	96 00 0	-	0 0 9 0 0	- - - --	000 ××	0 27 05	96 00 0		0 0 9 0 0	- - - --			0	0	10.6	14
	Sibi	000 28	6 13 05	99 00 0	118 90	0 0 9 0 0	- - - 93	000 38	0 00 00	98 00 0	162 64	0 0 9 0 0	- - - 59	—		0	0	3.8	5
	Quetta †	000 42	0 31 02	99 00 0	993 71	0 0 9 0 0	- - - 72	000 49	0 00 00	98 10 0	010 52	0 0 9 0 0	- - - 35			0	0	9.4	9
	Chaman	000 51	0 27 03	97 00 0	012 75	0 0 9 0 0	- - - 77	000 46	0 11 02	97 00 0	044 61	0 0 9 0 0	- - - 54	+ 4	+ 9	0	0	9.6	8
	Nushki	000 32	0 29 10	97 00 0	066 81	0 0 9 0 0	- - - 82	000 36	0 07 10	96 00 0	093 67	0 0 9 0 0	- - - 64		—	0	—	5.4	...
	Dalbandin *	000 32	0 05 03	97 00 0	010 81	0 0 9 7 0	- - - 83	000 29	0 00 00	97 00 0	084 54	0 0 9 0 0	- - - 46	0	+ 1	0	0	1.8	4
	Nokkundi	000 49	0 00 00	99 00 0	098 87	0 0 9 0 0	- - - 85	000 31	0 05 02	99 00 0	171 61	0 0 9 0 0	- - - 50	—	-	0	—	0.9	2
	Kalat †	000 45	6 00 00	98 00 0	005 70	0 0 9 0 0	- - - 71	000 33	0 18 05	98 00 0	030 44	0 0 9 0 0	- - - 39	+ 4	+ 7	0	0	9.7	7
	Turbat	000 58	0 31 02	97 00 0	114 91	0 0 9 0 0	- - - 95	000 53	0 08 02	96 00 0	167 73	0 0 9 0 0	- - - 67	—		0	—	1.4	...
	Panjgur *	000 19	0 31 03	97 00 0	990 80	0 0 9 0 0	- - - 83	000 27	0 05 03	97 00 0	029 53	0 0 9 0 0	- - - 49	+ 2	+ 1		—	3.2	5
	Las Bela	000 68	0 14 02	99 00 0	110 89	0 0 0 0 0	- - - 98	000 58	0 00 00	98 00 0	××× 78	0 0 9 0 0	- - - 62	-	—	0	—	1.7	8
	Ormara	000 42	0 18 05	97 00 0	123 83	0 0 9 0 0	- - - 85	000 63	0 00 00	97 00 0	152 68	0 0 9 0 0	- - - 64	—		0	0	3.0	6
	Pasni	000 68	0 23 05	98 00 0	138 80	0 0 9 0 0	- - - 83	000 63	0 00 00	96 00 0	157 66	0 0 9 0 0	- - - 63	- 5	0	0	0	4 9	6
	Jiwani																		4
SIND	Reti	000 43	0 27 03	96 00 0	120 97	0 0 9 0 0	- - - 97	000 41	0 09 02	96 00 0	172 66	0 0 9 0 0	- - - 58	—		0	—	2.2	...
	Jacobabad	000 47	0 25 03	97 00 0	123 91	0 0 9 0 0	- - - 93	000 45	0 05 02	96 00 0	166 64	0 0 9 0 0	- - - 60	+ 2	+ 5	0	0	0.7	4
	Sukkur	000 56	0 25 ××	96 00 1	121 91	0 0 9 0 0	4 × × 95	000 57	0 05 ××	96 00 0	160 62	0 0 9 0 0	- - - 60	—		0	—	1 9	4
	Padidan	000 46	1 00 00	98 01 1	122 91	0 0 9 0 1	- - - 94	000 47	0 00 00	98 01 1	157 66	0 0 9 0 0	- - - 59	—	—	0	—	0.9	...
	Karachi (*Manora*)	000 70	0 27 05	99 00 0	120 85	0 0 9 0 0	- - - 98	000 50	0 04 05	96 00 0	144 74	0 0 9 0 0	- - - 72	+ 1	+ 3	0	- 0 1	1.6	3
	Karachi (*A. P.*)	000 31	0 25 00	96 00 1	126 91	0 0 9 0 0	- - - 94	000 44	0 02 03	96 00 0	149 72	0 0 9 0 0	- - - 65		-	0		8.0	...
	Badin																		9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 75	0 34 05	97 00 0	120 91	0 0 9 0 0	- - - 98	000 58	0 05 03	97 00 0	××× 71	0 0 9 0 0	- - - 63		-	0	-	2.3	...
	Hyderabad	000 58	0 09 00	97 00 0	134 92	0 0 9 0 0	- - - 96	000 51	0 00 00	96 00 0	154 69	0 0 9 0 0	- - - 65	+ 3	+ 3	0	0	2.0	7
JUNAGADH	Veraval																		20
Afghanistan	Kabul							000 22	4 25 03	98 02 1	053 45	0 0 9 0 0	- - - 37	—	—	0	—	10.6	12
	Jalalabad	000 45	1 00 00	97 01 6	011 78	0 0 9 7 0	2 × 9 84												...
	Kandahar							000 40	1 00 00	97 01 1	023 42	0 0 9 0 2	- - - 36		—	0	—	10.5	...

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 6TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_SD_WT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_SD_WT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
	Jask	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5
	Mashed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10
	Bushire	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11
Arabia	Muscat	000 67	0 09 02	97 00 0	132 82	0 0 9 0 0	- - - 92	000 69	0 13 02	96 00 0	153 81	0 0 9 0 0	- - - xx	+ 6	---	0	---	3 3	4
	Sharjah	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
	Kuwait	000 xx	7 36 01	97 xx 0	138 78	0 0 9 0 4	- - - 79	000 xx	7 27 03	96 00 0	161 69	0 0 9 0 4	- - - 64	---	---	0	---	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	$S N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalakrishna	23 208	710 03	0 05 03	98 00 0	147 84	00 9 00	---	---	---	---
Masimpur	23 196	643 08	0 05 16	98 02 0	149 82	00 9 00	---	---	---	---
Jalaratna	23 186	726 06	2 01 10	98 02 0	130 88	xx x xx	---	---	---	---
Khosrou	23 231	679 06	0 34 11	99 00 0	168 78	00 9 00	3 3 120	---	0 00 74	1 34 23
Teetus	23 164	554 06	2 08 02	99 02 0	158 82	11 7 01	1 5 115	---	0 00 70	1 00 x0
Tectur	23 174	568 12	1 00 00	99 02 0	129 83	11 6 00	1 6 606	---	0 52 71	1 09 x0
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPo'loTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 14	010 36	655 60	000 36	790 49	855 03	205 52	700 42	116 92	509 34

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	569 91	301 80	839 90	555 55	349 00	226 17	678 00	175 76	466 00	089 94	625 62	009 00	494 00	679 90	323 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ — Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	01 06	01 07	36 05	33 05	25 08	-	-	-	-	-	01 07	33 06	30 05	30 12	32 05	30 08	33 04	33 08	31 09	34 12	09 02	26 08	09 02	26 08
Chhor	29 06	28 05	30 04	05 05	09 07	14 05	22 24	24 29	23 45	-	-	-	-	-	-	-	07 25	06 21	05 17	08 06	11 05	13 04	22 15	24 23
Chittagong	32 06	35 05	03 04	26 02	23 08	-	-	-	-	-	10 08	36 07	34 05	28 05	34 08	-	01 10	01 15	01 17	36 12	35 12	26 08	26 35	-
Cox's Bazar	No ascent					-	-	-	-	-	35 15	35 15	34 13	35 07	27 06	25 10	-	-	-	-	-	-	-	-
Dacca	03 07	03 08	03 06	29 04	25 14	xx xx	29 22	-	-	-	36 05	34 01	32 03	31 08	25 08	26 14	35 05	34 05	35 08	33 05	25 25	25 17	26 28	26 19
Dalbandin	-	-	08 05	06 06	03 04	30 18	29 10	-	-	-	-	-	-	21 03	06 11	03 09	-	-	10 04	13 08	18 07	17 02	19 15	24 12
Drosh					11 01	19 07	19 11	-	-	-	-	-	-	11 02	12 04	12 02	-	-	-		02 09	01 10	30 04	28 29
Fort Sandeman				30 04	19 05	16 04	22 07	27 27	-	-				05 06	25 04	28 12				02 02	03 03	26 08	13 07	-
Jacobabad	21 06	22 06	19 05	19 03	01 03	05 09	23 19	25 29	-	-	17 01	33 01	03 68	30 01	19 04	17 10	19 02	34 03	03 02	35 04	30 06	05 08	25 06	27 07
Jhelum	25 01	30 05	30 09	30 06	29 06	27 06	28 17	25 18	-	-	33 04	31 03	31 12	32 12	30 07	32 11	32 04	31 09	31 16	32 17	30 15	32 15	34 12	39 22
Jiwani								-																
Karachi	26 08	27 06	23 05	20 10	18 15	19 13	22 19	25 33	24 44	24 66	36 13	35 12	35 10	05 08	14 07	16 10	30 15	04 12	06 10	10 12	15 13	15 10	23 17	30 10
Khanpur	25 07	28 07	15 11	22 13	21 16	20 11	25 18	-	-	-	-	-	-	-	-	-	09 06	07 01	22 08	19 02	20 08	09 02	24 11	29 12
Lahore	29 04	28 08	28 07	28 11	28 10	28 12	28 11	26 27	...	-	34 06	32 09	32 10	32 13	31 11	32 15	28 06	31 15	31 17	32 17	33 13	34 13	33 14	29 20
Multan	18 05	21 06	21 08	26 14	19 16	18 21	24 19	-	-		24 16	23 13	20 09	12 18	22 04	08 19	28 06	23 10	22 10	21 09	26 04	10 10	27 12	29 17
Peshawar	.	33 03	35 04	16 03	19 04	25 15	28 10	-	-	-	-	-	-	-	22 06	15 02		22 05	31 02	32 06	36 02	22 05	27 09	29 21
Quetta					37 04	21 05	22 08	27 20	31 31	29 31					16 07	21 18	-	-			17 05	14 09	23 03	-
Bushire						-					-	-			-						-	-		-
Sharjah						-																-		

Cloud Observation Data (iiiGG Cddv, v,)

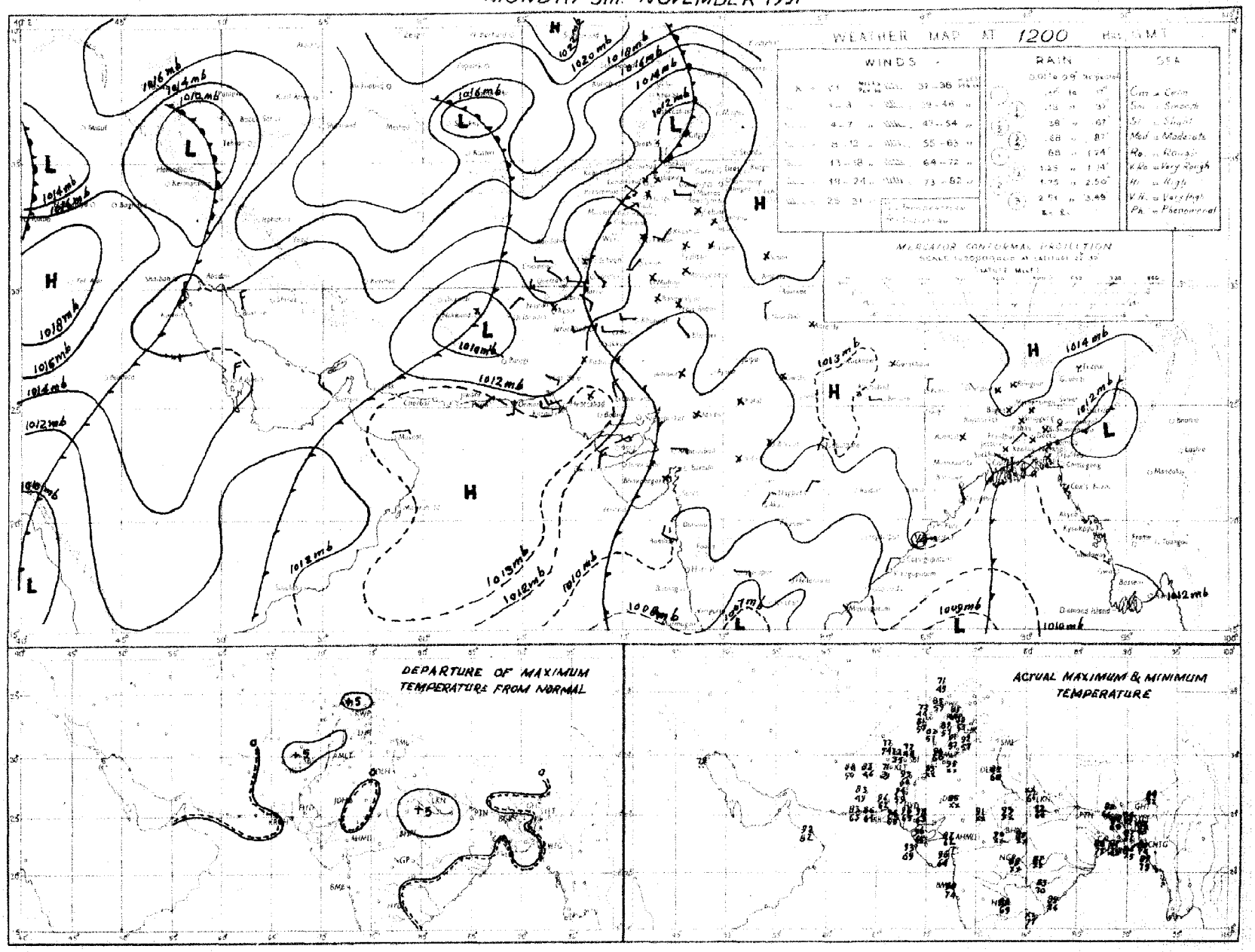
Peshawar 53008 225xx

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

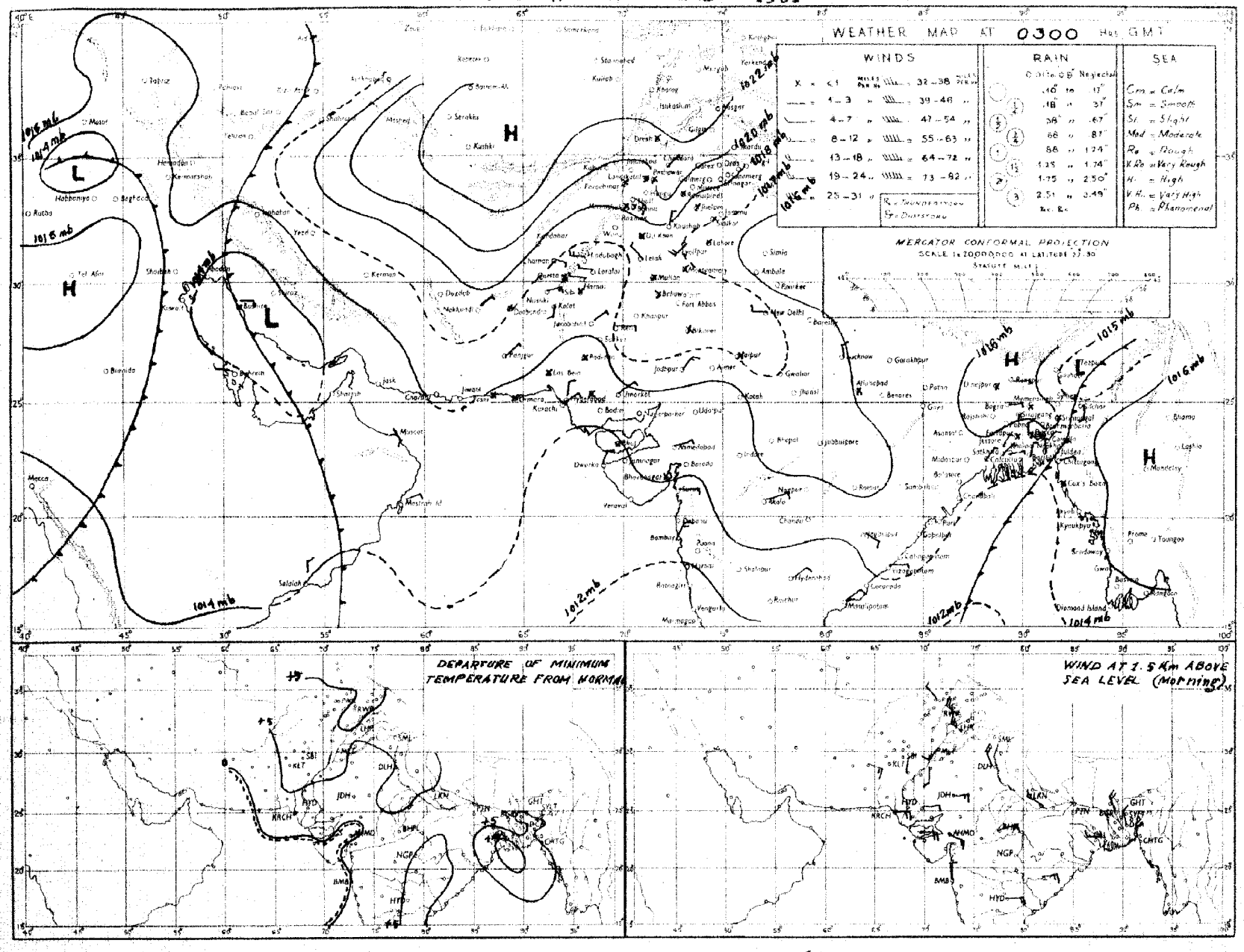
MONDAY 5th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

TUESDAY 6th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 *hours.*

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR WEDNESDAY, THE 7th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance over north Iraq now lies over northwest Iran. Its secondary lies over south Iraq and adjoining Persian Gulf. It is likely to move eastnortheastwards.

A secondary low is bordering the North-West Frontier Province.

Weather remained dry over the country.

Night temperatures were appreciably to markedly above normal in East Pakistan, the North-West Frontier Province, the Punjab and northeast Baluchistan.

Forecast valid until the evening of 8th :—Weather will continue to be dry over the country.

Karachi-11.
The 7th November, 1951

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 73	2 02 05	96 02 1	103 81	0 0 9 7 0	0 × 9 89	000 69	2 36 02	97 02 1	135 81	0 0 9 0 1	0 9 × 68	+ 5	0	0	- 1.1	134.5	140
	Chittagong	000 71	5 00 00	93 46 4	××× 82	1 1 5 5 0	- - - 86	000 69	1 00 00	95 01 4	××× 71	0 0 0 0 2	- - - 72	+ 2	+ 4	0.6	- 0.3	—	108
	Noakhali	000 72	2 00 00	97 00 0	120 78	0 0 9 1 0	- - - 87	000 69	0 05 05	98 00 0	137 78	0 0 9 0 0	- - - 68	+ 2	+ 1	0.7	0	131.9	115
	Comilla	000 73	0 00 00	97 00 0	113 85	0 0 9 0 0	- - - 86	000 72	0 00 00	97 00 0	147 81	0 0 9 0 0	- - - 74	—		0	0	65.5	94
	Brahmanbaria	××× 69	4 00 00	×× 02 2	107 77	4 5 9 0 0	9 × × 86	××× 69	0 00 00	96 00 4	142 80	0 0 9 0 0	4 × × 66						78
	Dacca	000 70	7 00 00	96 03 2	101 81	× 0 8 × 9	5 0 × 88	000 68	1 05 02	94 00 1	137 83	× × × × ×	6 × × 70	+ 3			- 0.6	88.8	74
	Narayanganj	000 71	0 00 00	99 00 0	118 80	0 0 9 0 0	- - - 84	000 72	0 00 00	98 00 0	150 78	0 0 0 0 0	- - - 72	0	+ 5	2.3	+ 1.8	64.0	91
	Mymensingh	000 72	2 00 00	96 01 1	104 76	0 0 9 0 9	- - - 86	000 69	0 00 00	96 00 1	143 78	0 0 9 0 0	- - - 62	- 2	0	0.2	- 0.6	105.4	98
	Srimangal	000 72	5 00 00	96 00 0	112 82	3 5 8 0 7	- - - 86	000 79	0 00 00	98 00 0	150 82	0 0 9 0 0	- - - 71	+ 2	+ 5	0	- 0.5	53.4	68
	Kaulna	000 74	5 00 00	97 03 1	101 85	4 4 7 6 0	- - × 86							0					65
	Sylhra	000 72	6 00 00	96 03 1	111 81	6 8 8 0 0	- - - 87	000 69	0 00 00	97 00 0	145 78	0 0 9 0 0	- - - ××	—		0	- 0.6	45.9	65
	Jessore	010 77	5 00 00	95 05 0	108 80	2 6 8 0 7	9 7 × 81	000 72	0 00 00	96 05 0	142 80	0 0 9 0 0	- - - 69	- 2	+ 2	0.5	- 0.1	56.0	71
	Faridpur	005 69	7 36 02	97 02 1	105 82	0 0 9 7 0	- - - 87	000 71	1 05 02	97 01 1	143 79	0 0 9 5 0	- - - 72	+ 3	+ 4	0.4	- 0.4	73.9	81
	Barisal																		
	Pabna																		59
	Rampu Boalia	000 73	1 00 00	×× 02 1	106 80	1 6 2 0 0	- - - 85	000 68	0 00 00	98 00 0	147 79	0 0 9 0 0	- - - 69	+ 2	+ 4	1.3	+ 1.6	67.2	56
	Sirajganj	000 72	0 00 00	96 00 0	110 79	0 0 9 0 0	- - × 85	000 80	0 09 02	95 00 0	148 80	0 0 9 0 0	- - - 69	+ 2	+ 4	1.2	+ 0.7	46.2	64
	Bogra	000 70	0 00 00	×× 00 0	119 79	0 0 9 0 0	- - - 86	000 69	0 00 00	97 00 0	156 77	0 0 9 0 0	- - - 66	+ 2	+ 3		- 0.1	48.6	69
	Dinajpur	000 ××	0 00 00	×× 02 1	—	0 0 9 0 0	- - - —	000 ××	0 07 02	98 02 1	—	0 0 9 0 0	- - - —			0.3	+ 0.2	79.5	72
	Rangpur																		84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Akhbar																		
PUNJAB	Lyallpur	000 53	0 00 00	96 00 0	118 83	0 0 9 0 0	- - - 91	000 50	0 00 00	96 00 0	138 62	0 0 9 0 0	- - - 56	+ 7	+ 6	0	0	10.2	12
	Lahore	000 55	0 00 00	96 00 1	115 83	0 0 9 0 0	- - - 90	000 50	0 27 02	95 05 0	143 63	0 0 9 0 0	- - - 54	+ 4	+ 5	0	0	14.7	19
	Sialkot	000 54	2 00 00	97 02 1	118 81	0 0 9 0 2	- - - 88	000 49	1 05 02	97 02 1	144 67	0 0 9 0 1	- - - 59	+ 4	+ 7	0	0	18.7	32
	Jhelum	000 42	1 27 02	97 01 0	113 84	0 0 9 0 1	- - - 91	000 47	1 00 00	97 01 0	149 63	0 0 9 0 1	- - - 53	—		0		26.8	—
	Rawalpindi	000 45	0 00 00	99 00 1	129 77	0 0 9 0 0	- - - 86	000 44	2 00 00	98 01 1	153 55	0 0 9 0 9	- - - 50	+ 6	+ 4	0	0	25.7	—
	Murree †	000 33	5 31 03	97 02 1	996 57	0 0 9 0 4	5 5 × 65	000 30	5 29 05	98 02 1	959 53	0 0 9 0 4	9 4 × 50	+ 6	+ 7	1	- 0.1	45.1	26
	Attock	××× ××	2 00 00	97 00 0	—	0 0 9 0 1	- - - —	××× ××	7 09 02	97 00 0	—	0 0 9 0 4	- - - —	—		—		—	59
	Khushab	000 62	0 20 02	99 00 0	118 91	0 0 9 0 0	- - - 93	000 49	0 29 00	99 00 0	135 64	0 0 9 0 0	- - - 58	+ 8	+ 5	0	0	8.0	15
	Montgomery	000 47	0 00 00	96 00 0	124 90	0 0 9 0 0	- - - 92	000 54	0 00 00	96 00 0	150 64	0 0 9 0 0	- - - 56	+ 5	+ 3	0	0	6.1	10
	Lyallpur	000 78	0 23 02	96 00 0	124 90	0 0 9 0 0	- - - 93	000 53	0 31 02	97 00 0	148 57	0 0 9 0 0	- - - 54			0		6.6	8
	Multan	000 51	0 00 00	97 00 0	127 90	0 0 9 0 0	- - - 98	000 45	0 18 02	96 00 0	144 70	0 0 9 0 0	- - - 62	+ 7	+ 0	0	0	6.9	7
	Khanpur	000 48	0 31 03	96 05 0	125 85	0 0 9 0 0	- - - 96	000 46	0 21 03	95 05 0	135 71	0 0 9 0 0	- - - 58	+ 7	+ 5	0	0	1.9	6
	Bahawalpur	000 61	0 00 00	97 00 0	123 87	0 0 9 0 0	- - - 94	000 46	0 18 03	97 00 0	143 64	0 0 9 0 0	- - - 57	+ 7	+ 5	0	0	4.5	6
	Fort Abbas	000 77	0 34 00	96 00 0	120 88	0 0 9 0 0	- - - 94	000 54	0 23 02	96 00 0	145 73	0 0 9 0 0	- - - 60		—	0	—	3.7	8
N. W. F. P.	Drosh *	000 22	7 00 00	98 02 1	013 68	× × × × ×	8 6 × 71	000 29	8 ×× ××	99 02 1	058 52	0 0 9 0 6	- - - 49	+ 4	+ 4	0	-	2.3	18
	Chakdara	000 49	0 23 03	99 00 0	110 77	0 0 9 0 0	- - - 84	000 38	0 02 02	98 00 0	161 55	0 0 9 0 0	- - - 51			0		20.3	—
	Cheral *	000 33	2 34 02	97 01 1	016 69	0 0 9 0 1	4 0 × 81	000 28	3 36 04	98 03 0	016 53	0 0 9 0 1	- - - 60	+12	+ 9	0	- 0.1	28.9	29
	Peshawar	000 47	2 00 00	99 02 1	124 75	0 0 9 0 1	- - - 74	000 44	3 18 02	97 01 1	142 64	0 0 9 0 1	- - - 53	+ 8	+ 9	0	0	9.1	14
	Parachinar	000 33	3 13 02	99 01 1	007 67	1 2 × 3 0	5 × 7 67	000 27	0 05 02	99 00 0	992 54	0 0 9 0 0	- - - 49	0	+ 8	0		28.5	29
	Miranshah	000 39	6 07 05	98 02 1	006 79	0 0 9 0 1	- - - 81	000 35	0 00 00	99 00 0	005 58	0 0 9 0 0	- - - 58			0	0	10.5	18
	Bannu	000 45	0 11 03	99 00 0	117 85	0 0 9 0 0	- - - 87	000 46	0 27 02	99 00 0	132 62	0 0 9 0 0	- - - 59	—	—	0		5.9	11
	D. I. Khan	000 63	0 00 00	96 00 0	110 86	0 0 9 0 0	- - - 85	000 47	0 00 00	96 00 0	148 68	0 0 9 0 0	- - - 57	0	+ 6	0	0	2.8	9
	Wana																		13
	Landikotal	000 41	8 23 02	99 02 1	005 72	0 0 9 7 0	- - - 76	000 41	2 00 00	99 02 1	012 65	2 8 6 0 0	- - - 52			0	—	12 0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	0 27 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 09 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—		—	—
BALUCHISTAN	Fort Sandeman*	000 24	0 00 00	96 00 0	027 76	0 0 9 0 0	- - - 78	000 21	0 00 00	96 05 0	046 53	0 0 9 0 0	- - - 48	+ 3	+ 4	0	0	10.0	11
	Hindubagh	000 22	0 09 09	98 00 0	980 69	0 0 9 0 0	- - - 74	000 23	0 23 05	98 00 0	014 52	0 0 9 0 0	- - - 39			0	0	9.0	—
	Loralai	000 41	0 13 02	96 00 0	003 70	0 0 9 0 0	- - - 76	000 31	0 00 00	97 00 0	014 52	0 0 9 0 0	- - - 45			0		8.5	—
	Harnai (a)	000 ××	0 27 02	96 00 0	—	0 0 9 0 0	- - - —	000 ××	0 05 02	95 05 0	—	0 0 9 0 0	- - - —			0	- 0.1	10.5	14
	Sibi	000 29	0 23 05	99 00 0	116 91	0 0 9 0 0	- - - 94	000 40	0 00 00	98 00 0	147 61	0 0 9 0 0	- - - 58			0		3.8	5
	Quetta †	000 46	2 34 02	99 01 0	994 72	0 0 9 0 1	- - - 74	000 28	0 00 00	98 00 0	002 53	0 0 9 0 0	- - - 33			0	0	9.4	9
	Chaman	000 52	0 25 03	97 00 0	012 76	0 0 9 0 0	- - - 78	000 42	0 09 02	97 00 0	038 58	0 0 9 0 0	- - - 53	+ 7	+ 8	0	0	9.6	8
	Nushki	000 43	0 29 10	97 00 0	048 80	0 0 9 0 0	- - - 83	000 36	0 07 12	96 00 0	082 67	0 0 9 0 0	- - - 60		—	0	-	6.4	—
	Dalbandin *	000 38	0 00 00	97 00 0	010 82	0 0 9 0 0	- - - 85	000 28	0 00 00	97 00 0	024 50	0 0 9 0 0	- - - 46	+ 5	+ 1	0	0	1.8	4
	Nokkundi	000 46	0 16 02	99 00 0	102 85	0 0 9 0 0	- - - 88	000 34	0 02 04	99 00 0	160 63	0 0 9 0 0	- - - 53			0		0.9	2
	Kalat *	000 49	0 36 05	98 00 0	002 68	0 0 9 0 0	- - - 70	000 44	0 18 05	98 00 0	020 44	0 0 9 0 0	- - - 39	+ 5	+ 7	0	0	9.7	7
	Turbat	000 43	0 15 02	97 00 0	127 91	0 0 9 0 0	- - - 94	000 41	0 07 02	96 00 0	161 71	0 0 9 0 0	- - - 61	—		0	—	1.4	—
	Panjgur *	000 34	0 27 02	97 00 0	002 80	0 0 9 0 0	- - - 82	000 31	0 05 03	97 00 0	022 53	0 0 9 0 0	- - - 48	—	—	0	—	3.2	5
	Las Bela	000 73	0 00 00	99 00 0	105 95	0 0 9 0 0	- - - 99	000 60	0 00 00	98 00 0	148 78	0 0 9 0 0	- - - 61		—	0	—	1.7	8
	Ormara	000 56	0 27 05	97 00 0	121 86	0 0 9 0 0	- - - 88	000 51	0 00 00	97 00 0	145 68	0 0 9 0 0	- - - 67			0	0	3.1	0
	Pasni	000 73	0 13 05	98 00 0	131 86	0 0 9 0 0	- - - 86	000 46	0 36 01	96 00 0	148 76	0 0 9 0 0	- - - 66	- 1	+ 3	0	0	4 9	6
	Jiwani																		4
SIND	Rohri	000 43	0 27 03	96 00 0	120 97	0 0 9 0 0	- - - 97	000 41	0 09 02	96 00 0	142 66	0 0 9 0 0	- - - 58	—		0	—	2.2	—
	Jacobabad	000 61	0 36 02	97 00 0	126 89	0 0 9 0 0	- - - 92	000 46	0 09 02	97 00 0	143 71	0 0 9 0 0	- - - 60	+ 3	+ 5	0	0	0.7	—
	Sukkur	000 55	0 ×× ××	96 00 0	122 90	0 0 9 0 0	- - - 94	000 52	0 ×× ××	96 00 0	146 66	0 0 9 0 0	- - - 60			0	—	1.0	4
	Padidan	000 44	0 00 00	98 00 0	124 90	0 0 9 0 0	- - - 92	000 49	0 00 00	98 00 0	143 60	0 0 9 0 0	- - - 53	—	—	0	-	0.9	4
	Karachi (*Manora*)	000 68	0 25 05	99 00 0	111 88	0 0 9 0 0	- - - 93	000 49	0 00 00	96 00 0	139 73	0 0 9 0 0	- - - 71	+ 6	+ 2	0	- 0.1	1.6	—
	Karachi (*A. P.*)	000 45	0 00 00	97 00 0	110 94	0 0 9 0 0	- - - 96	000 34	0 05 03	96 00 0	143 73	0 0 9 0 0	- - - 65			0		3.0	8
	Badin																		—
	Nagarparkar																		9
	Chhor (*Umarkot*)	000 76	0 34 05	97 00 0	118 92	0 0 9 0 0	- - - 93	000 51	0 00 00	97 00 0	141 69	0 0 9 0 0	- - - 65			0	-	2.3	—
	Hyderabad	000 45	0 05 05	97 00 0	123 91	0 0 9 0 0	- - - 94	000 48	0 36 02	96 00 0	147 70	0 0 9 0 0	- - - 64	+ 3	+ 2	0	0	2.0	—
Junagarh	Veraval																		7
																			20
Afghanistan	Kabul																		
	Jalalabad	000 45	3 00 00	97 03 1	010 81	0 0 9 4 0	4 × 9 86							—					12
	Kandahar																		—

See footnote on page 2

P. T O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 7TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_a T_d$	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1 D_H D_M T_E T_X$	At 0300 Hrs. G. M. T. of date. RRR $T_a T_d$	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1 D_H D_M T_E T_X$	Departure from Normal T_x T_n	T_x T_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Chabbar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6
	Jask	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5
	Mashed	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
	Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11
Arabia	Muscat	--	000 69	0 13 09	97 00 0	125 83	0 0 9 0 0	- - - 84	000 64	0 18 02	97 00 0	157 80	0 0 9 0 0	- - - ××	- 1	--	0	--	3 3	4
	Sharjah	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Kuwait	--	000 ××	8 07 08	97 02 0	118 77	0 0 9 0 7	- - - 77	000 ××	7 09 05	96 02 0	127 77	0 0 9 0 7	- - - 73	-	--	0	--	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049 -10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ spp	8 $N_s C_h h_s$	0 $T_s T_s T_d T_d$	1$d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Khosrou	33 204	707 06	0 09 13	99 00 0	136 80	00 9 00	3 3 020	--	0 51 68	1 09 23
Worship Investigator	33 218	692 03	0 34 08	98 06 0	139 83	00 9 00	7 4 114		0 03 73	1 33 51
Tectus	33 212	596 06	2 05 05	99 02 0	171 81	22 7 00	8 6 320	--	0 51 68	1 05 ×0
Clan Brodite	33 111	577 06	4 03 09	98 02 1	167 83	21 5 80	2 5 010	--	0 01 74	1 06 32
Empire Halladale	33 058	816 18	5 29 13	98 02 8	097 80	32 4 70	6 5 000	--	0 54 74	1 20 ×2
Khosrou	33 194	719 18	0 06 06	99 00 0	117 84	00 9 00	8 3 300	--	0 09 74	1 06 32
Jalaganga	33 186	725 18	3 32 09	98 02 0	111 84	83 8 01	8 3 300	--	0 08 72	1 34 22
Bharatrani	33 198	715 18	0 34 08	97 02 0	106 83	00 9 00	--	--	--	--
Jalaganga	33 194	721 12	2 02 07	98 02 0	092 90	00 9 05	4 8 900	--	0 07 62	1 00 21
Tectur	33 228	599 12	0 05 08	99 00 0	134 81	00 9 00	7 6 606	--	0 52 63	1 05 ×0
Bharatrani	33 190	726 12	1 36 08	97 00 0	083 88	×0 × 01	--	--	--	--
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiGG		PoPoPoToTo		TdoTdoTxoX1X2			PiPihihihi		T1T1Td1Td1Tx1 etc.			5555		hihiPiPiPi			T1T1Td1Td1Tx1 etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Karachi ...	780 14	009 30	166 60	000 33	301 01	855 02	200 17	700 37	060 01	509 27	549 94	301 79	809 97	555 55	349 00	250 24	678 00	155 01	967 21	070 01	456 00	015 47	845 14	529 91	494 00

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	35 09	35 05	33 07	32 08	31 07	28 15	30 27				02 03	28 06	29 08	--	--	--	17 02	26 04	29 09	34 11	34 09	01 07		--
Chhor	05 04	04 03	04 04	08 06	07 08	13 03	24 15	25 14	26 28	27 43				--	--	--	05 12	04 04	02 02	33 02	36 01	33 02	27 17	30 23
Chittagong	34 09	35 09	35 10	31 04	29 03	27 10	26 24	23 21	26 21	-	01 20	01 24	01 23			--	01 12	01 11	01 10	34 10	27 12	30 12	26 15	27 16
Cox's Bazar	01 10	01 11	01 08	35 06	32 04	26 09	--				--	--	--	--	--	--	--	--	--	--	--	--		--
Dacca	35 07	36 07	01 06	31 06	27 17	28 21	29 25	27 28			33 07	31 06	30 07	29 08	27 09		02 03	36 10	36 12	03 08	30 08	29 16	27 23	--
Dalbandin	-	-	17 01	23 04	10 09	16 06	23 10	23 17	25 26	25 41	-			25 07	25 07	17 02	06 08		10 01	23 04	30 05	01 07	27 09	26 21
Drosh		-			08 03	22 08	21 03	27 13	28 40	--	-		-		11 01	03 08	03 06	-	-	-	03 09	36 21	01 15	26 14
Fort Sandeman				27 02	23 04	17 07	25 05	27 17							22 04	23 09	28 07			23 02	27 07	32 11	24 09	--
Jacobabad	14 09	17 01	25 02	35 04	27 10	23 06	23 06	25 01	25 15	26 29	23 04	26 04	30 04	08 06	36 09	31 05	27 02	26 08	30 04	33 06	32 07	35 13	32 11	--
Jhelum	30 05	29 06	29 10	21 13	31 16	31 15	34 13	30 21	29 24	-	29 08	31 18	31 21	31 16	32 13	29 11	06 06	31 10	31 14	21 12	31 15	31 16	25 08	26 18
Jiwani																								
Karachi	04 10	08 08	07 08	06 05	11 06	13 06	20 08	23 18	25 13	26 28	02 05	02 06	03 07	04 07	13 04	-	01 09	02 07	34 06	14 04	14 05	01 06	30 10	29 19
Khanpur	15 02	18 05	16 04	18 01							27 06	26 06	24 08	23 09	21 17	29 05	24 19	25 10	24 10	23 10	24 18	24 04	23 16	26 25
Lahore	31 07	31 09	30 05	30 10	30 09	33 13	29 17	28 20	28 29	26 49	29 19	29 24	29 23	30 16	31 15	31 19	29 12	29 11	29 20	31 14	31 15	33 15	30 07	26 10
Multan	23 04	23 05	25 07	23 05	15 07	12 06	30 06	33 15			22 11	22 10	24 09	23 07	05 02	36 09	21 15	24 30	23 21	24 11	06 03	03 05	21 07	27 19
Peshawar		05 02	32 03	28 03	28 10	27 13	26 17	28 23	28 30	28 41	--	33 04	32 04	34 06	31 06	32 35		14 04	25 08	30 09	31 12	30 15	29 09	-
Quetta					30 08	20 08	22 07	25 01	25 38	25 50	-	-	-	-	27 05	-	-	-			32 09	29 11	12 10	-
Bushire						-									-						-	-		-
Sharjah						-																-		-

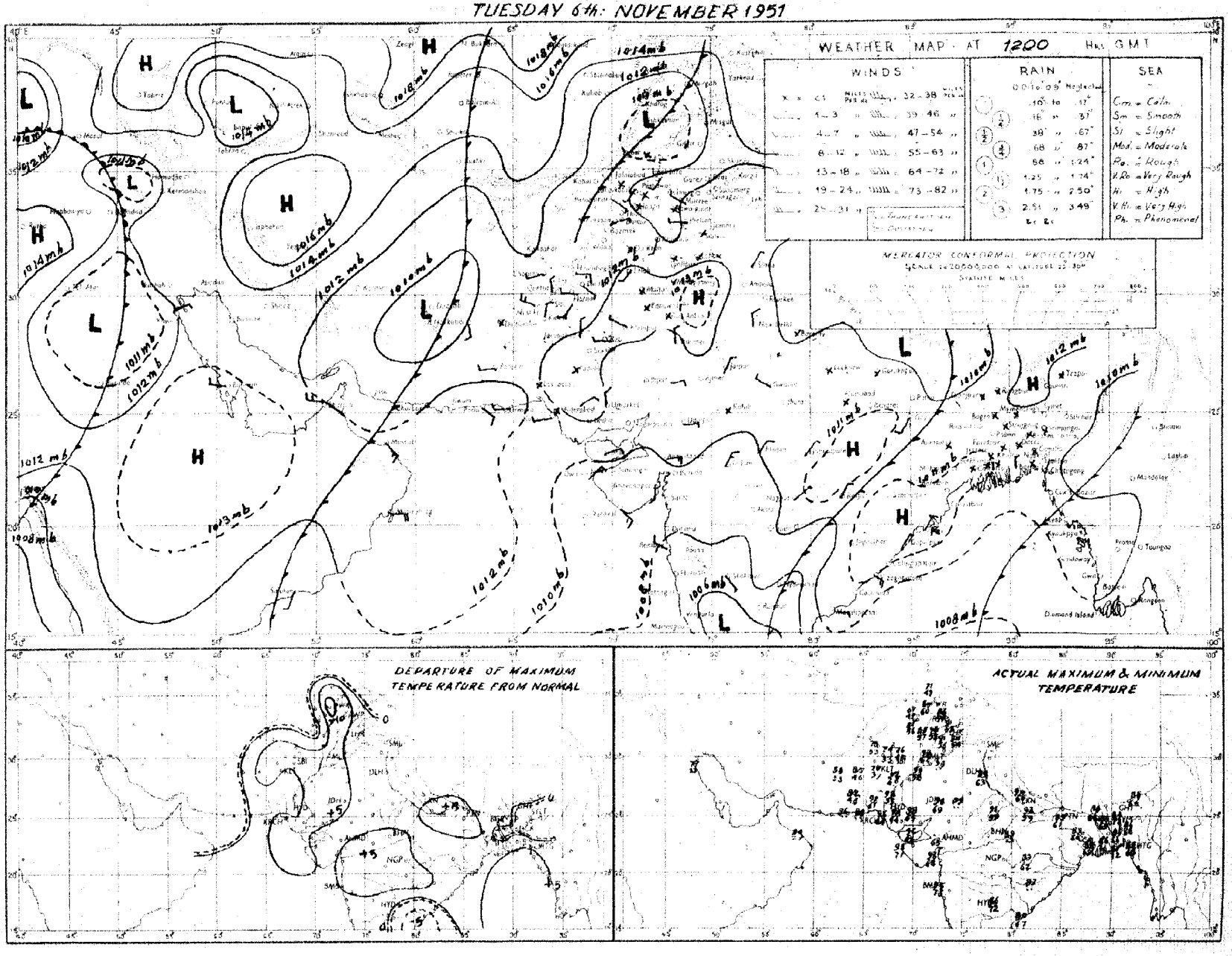
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

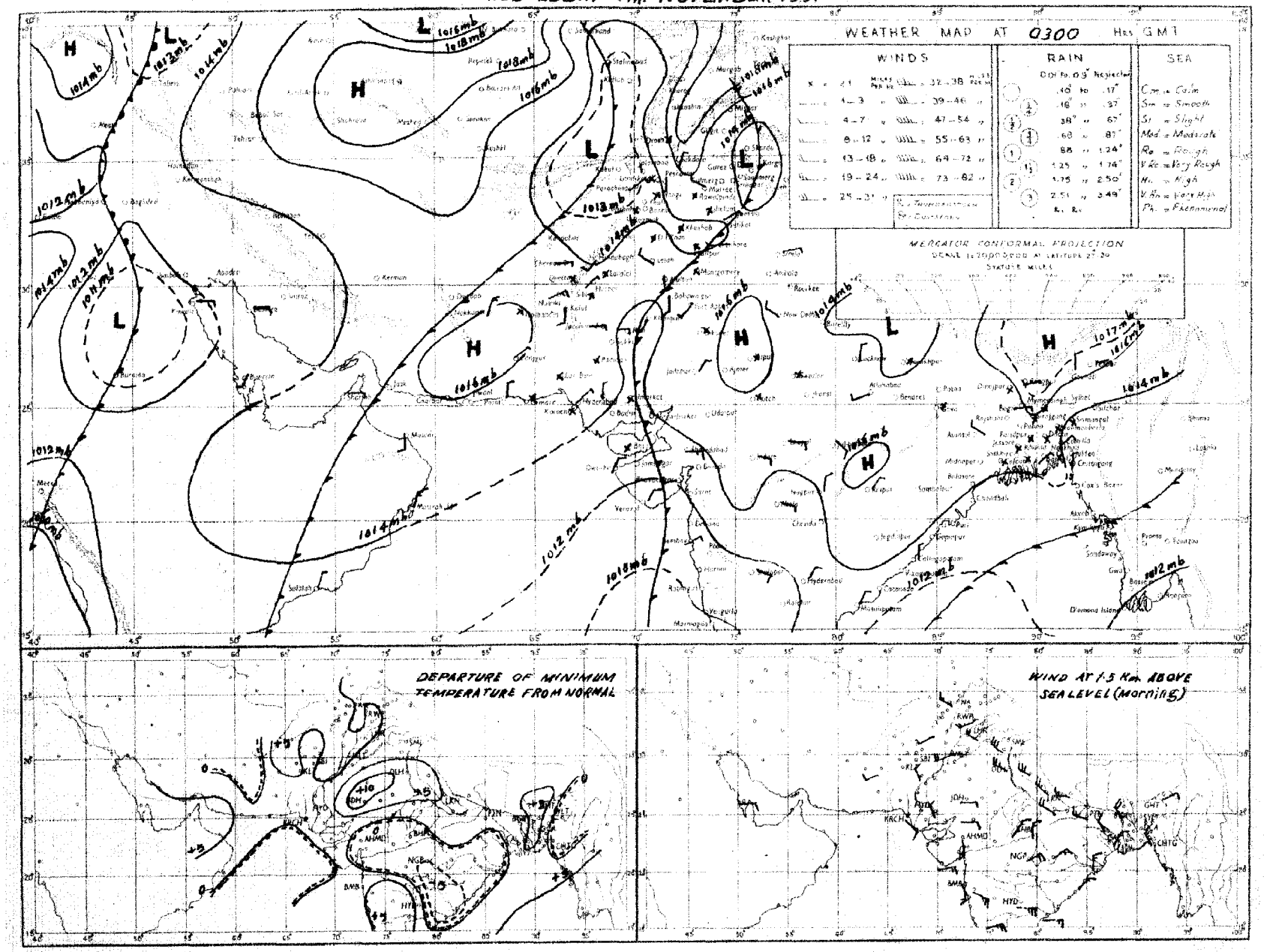
TUESDAY 6th: NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 7th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 8th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance is moving eastwards across Russian Turkistan.
Another western disturbance lies over Iraq and is moving northeastwards.
Weather continued to be dry over the country.
Night temperatures were appreciably to markedly above normal over the country outside Baluchistan and lower Sind.
Forecast valid until the evening of 9th :—Weather will continue to be dry over the country.

Karachi-11.
The 8th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 64	3 00 00	94 02 1	102 80	0 0 9 8 0	1 × 0 88	000 63	0 00 00	97 01 1	131 79	0 0 9 0 0	- - - 67	+ 3	- 2	0.1	- .9	121.5	140
	Chittagong	000 77	2 34 02	96 02 1	100 80	0 0 9 7 0	0 × 9 87	000 71	3 07 02	97 02 1	142 81	0 0 9 6 7	0 9 0 ××	+ 3	-	0	- 1.2	134.5	108
	Noakhali	000 73	0 00 00	93 05 0	××× 83	0 0 9 0 0	- - - 86	000 68	0 00 00	95 00 4	××× 78	0 0 9 0 0	- - - 69	+ 2	+ 1	0.6	- 0.8	—	115
	Comilla	000 70	0 36 05	97 00 0	109 79	0 0 9 0 0	- - - 89	000 71	0 00 00	98 00 0	142 76	0 0 9 0 0	- - - 68	+ 4	+ 1	0.7	0	121.9	94
	Brahmanbaria	000 71	0 00 00	97 00 0	104 81	0 0 9 0 0	- - - 84	000 73	2 36 02	97 01 1	144 80	2 5 5 0 0	- - - 70	—	—	0	- 0.5	65.5	78
	Dacca	××× 69	0 00 00	×× 00 1	104 75	0 9 9 0 0	4 × × 85	××× 71	0 36 02	97 00 0	148 77	0 0 9 0 0	- - - 66						
	Narayanganj	000 70	0 00 00	×× 00 0	099 80	× × × × ×	- - - 88	000 68	0 36 02	94 00 0	136 80	× × × × ×	9 × × 70	+ 3	+ 1	0	- 0.6	88.8	74
	Mymensingh	000 72	0 00 00	99 00 0	118 81	0 0 9 0 0	- - - 84	000 71	0 00 00	98 00 0	140 77	0 0 9 0 0	- - - 72	0	+ 5	2.8	+ 1.7	64.0	91
	Srimangal	000 71	0 00 00	98 00 1	105 76	0 0 9 0 0	- - - 86	000 70	0 00 00	96 00 1	145 77	0 0 9 0 0	- - - 61	- 2	- 1	0.2	- 0.6	105.4	98
	Khulna	000 68	0 00 00	69 00 0	109 82	0 0 9 0 0	- - - 87	000 67	0 34 02	98 00 0	158 81	0 0 9 0 0	- - - 79	+ 3	+13	0	- 0.5	53.4	68
	Satkhira																		35
	Jessore	000 71	0 00 00	97 00 0	101 81	0 0 9 0 0	- - - 87	000 69	0 36 02	97 00 0	149 80	0 0 9 0 0	- - - ××	—		0	- 0.6	45.9	65
	Faridpur	010 69	0 00 00	95 05 0	107 80	0 0 9 0 0	- - - 80	000 71	0 34 02	96 05 0	159 78	0 0 9 0 0	- - - 68	- 3	+ 1	0.5	- 0.1	56.0	71
	Barisal	005 71	1 29 02	97 01 1	100 81	0 0 9 0 8	- - - 86	000 70	0 31 08	98 00 0	147 77	0 0 9 0 0	- - - 69	+ 2	+ 1	0.4	- 0.5	73.9	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 72	0 00 00	×× 00 0	105 79	0 0 9 0 0	- - - 84	000 70	0 00 00	98 00 0	146 79	0 0 9 0 0	- - - 70	+ 1	+ 5	1.3	+ 0.9	67.2	64
	Bogra	000 71	0 00 00	96 00 0	111 80	0 0 9 0 0	- - - 85	000 70	0 02 02	94 00 0	148 79	0 0 9 0 0	- - - 69	+ 2	+ 4	1.2	+ 0.6	46.2	69
	Dinajpur	000 68	0 00 00	×× 00 0	127 79	0 0 9 0 0	- - - 89	000 69	0 00 00	97 00 0	156 77	0 0 9 0 0	- - - 65	+ 5	+ 2	0	- 0.1	48.6	72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - —	000 ××	0 07 02	98 02 0	— —	0 0 9 0 0	- - - —		—	0.3	+ 1.4	79.5	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Aliabad																		
PUNJAB	Lyallpur	000 54	0 00 00	96 00 0	101 84	0 0 9 0 0	- - - 92	000 49	0 00 00	95 10 4	149 61	0 0 9 0 0	1 × × 54	+ 8	+ 4	0	0	10.2	12
	Lahore	000 62	0 00 00	96 00 0	106 83	0 0 9 0 0	- - - 89	000 49	0 18 02	95 35 0	151 65	0 0 9 0 0	- - - 53	+ 3	+ 4	0	0	14.7	19
	Sialkot	000 56	0 00 00	97 00 0	098 00	0 0 9 0 0	- - - 87	000 48	0 00 00	97 00 0	157 67	0 0 9 0 0	- - - 61	+ 8	+ 9	0	0	18.7	32
	Jhelum	000 54	0 00 00	96 00 0	115 80	0 0 9 0 0	- - - 89	000 48	1 00 00	96 01 0	167 60	0 0 9 3 0	- - - 51	—		0		26.8	
	Rawalpindi	000 50	0 00 00	99 00 0	102 76	0 0 9 0 0	- - - 88	000 42	5 00 00	98 02 1	169 58	0 0 9 3 0	- - - 51	+ 8	+ 5	0	0	25.7	36
	Murree †	000 34	0 27 08	98 00 1	080 57	0 0 9 0 0	- - - 65	000 28	5 31 03	98 03 1	092 54	0 0 9 0 4	9 4 × 48	+ 6	+ 5	0	- 0.1	45.1	59
	Attock	××× ××	2 00 00	97 00 0	— —	0 0 9 0 1	- - - —	××× ××	2 09 05	98 00 0	— —	0 0 9 0 1	- - - —	—	—	—	—	—	—
	Khushab	000 63	0 29 05	99 00 0	097 90	0 0 9 0 0	- - - 93	000 44	1 07 02	99 01 1	152 60	0 0 9 0 1	- - - 53	+ 8	0	0	0	8.0	15
	Montgomery	000 46	0 00 00	96 00 0	106 88	0 0 9 0 0	- - - 90	000 44	0 00 00	96 00 0	150 66	0 0 9 0 0	- - - 56	+ 3	+ 3	0	0	6.1	10
	Leiah	000 76	0 23 02	97 00 0	106 90	0 0 9 0 0	- - - 92	000 71	0 27 02	97 00 0	143 54	0 0 9 0 0	- - - 53			0	—	6.6	7
	Multan	000 58	0 00 00	97 00 0	105 92	0 0 9 0 0	- - - 94	000 43	0 18 05	96 00 0	147 68	0 0 9 0 0	- - - 61	+ 8	+ 8	0	0	6.9	8
	Khanpur	000 78	0 28 02	96 01 0	107 87	0 0 9 0 0	- - - 94	000 75	0 20 03	96 00 0	141 63	0 0 9 0 0	- - - 59	+ 5	+ 6	0	0	1.9	7
	Bahawalpur	000 65	0 00 00	97 00 0	107 87	0 0 9 0 0	- - - 95	000 45	0 18 02	97 00 0	154 61	0 0 9 0 0	- - - 56	+ 8	+ 4	0	0	4.5	6
	Fort Abbas	000 73	0 23 06	96 00 0	109 85	0 0 9 0 0	- - - 98												6
N. W. F. P.	Drosh *	000 22	4 00 00	98 02 1	994 67	0 0 9 0 0	- - - 73	000 23	2 13 02	99 02 1	078 52	0 0 9 0 1	- - - 51	+ 6	+ 6	0	-	2.3	18
	Chakdara	000 51	0 00 00	99 00 0	091 77	0 0 9 0 0	- - - 84	000 38	0 36 02	98 00 0	183 55	0 0 9 0 0	- - - 49			0	—	20.3	
	Cherat *	000 33	0 18 05	98 00 1	407 80	0 0 9 0 0	- - - 82	000 29	5 36 05	98 03 0	030 64	0 0 9 0 1	- - - 56	+13	+ 5	0	- 0.1	28.9	29
	Peshawar	000 51	1 00 00	96 02 1	1-2 75	0 0 9 0 1	- - - 85	000 45	6 00 00	97 03 1	165 59	0 0 9 7 5	- - - 56	+ 6	+ 5	0	0	9.1	14
	Parachinar	000 24	0 18 02	99 00 0	972 70	0 0 9 0 0	- - - 74	000 30	0 00 00	99 01 1	065 56	0 0 9 0 1	2 4 × 46	+ 7	+ 5	0		28.5	29
	Miranshah	000 37	0 11 03	99 00 0	986 79	0 0 9 0 0	- - - 82	000 28	3 05 01	99 01 1	021 58	0 0 9 0 3	- - - 53			0	0	10.5	13
	Bannu	000 49	0 22 02	99 00 0	102 84	0 0 9 0 0	- - - 89	000 48	0 00 00	99 00 0	147 60	0 0 9 0 0	- - - 60	—	—	0		5.9	11
	D. I. Khan	000 55	0 00 00	97 00 0	091 86	0 0 9 0 0	- - - 89	000 43	0 00 00	98 00 0	150 58	0 0 9 0 0	- - - 52	+ 4	+ 1	0	0	2.8	9
	Wana																		11
	Landikotal	000 47	0 00 00	99 00 0	984 74	0 0 9 0 0	- - - 79	000 41	5 00 00	99 02 1	022 55	0 0 9 4 0	- - - 48		-	0	—	12.0	
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—		
	Thall	××× ××	0 27 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—		
BALUCHISTAN	Fort Sandeman*	000 26	0 00 00	96 05 0	018 75	0 0 9 0 0	- - - 79	000 21	0 00 00	96 05 0	038 57	0 0 9 0 0	- - - 48	+ 4	+ 4	0	0	10.0	11
	Hindubagh	000 22	0 27 09	97 00 0	980 69	0 0 9 0 0	- - - 75	000 19	0 28 05	98 00 0	022 55	0 0 9 0 0	- - - 46			0	—	9.0	
	Loralai	000 38	0 18 02	98 00 0	986 72	0 0 9 0 0	- - - 79	000 22	0 27 05	98 00 0	052 49	0 0 9 0 0	- - - 44	—		0	—	8.5	
	Harnai (a)	000 ××	0 27 05	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 31 05	96 00 0	—	0 0 9 0 0	- - - —			0	- 0.1	10.6	14
	Sibi	000 23	0 23 05	99 00 0	096 91	0 0 9 0 0	- - - 95	000 37	0 00 00	98 00 0	152 71	0 0 9 0 0	- - - 57	—		0	—	3.8	5
	Quetta †	000 44	0 34 03	99 00 0	990 68	0 0 9 0 0	- - - 70	000 34	0 00 00	99 00 0	007 47	0 0 9 0 0	- - - 32			0	0	9.4	9
	Chaman	000 52	0 31 03	97 00 0	012 74	0 0 9 0 0	- - - 77	000 42	0 11 03	97 00 0	048 57	0 0 9 0 0	- - - 52	+ 6	+ 7	0	0	9.6	8
	Nushki	000 49	0 27 09	97 00 0	065 80	0 0 9 0 0	- - - 83	000 36	0 07 16	96 00 0	099 67	0 0 9 0 0	- - - 62		—	0	—	5.4	
	Dalbandin *	000 38	0 05 02	97 00 0	010 83	0 0 9 0 0	- - - 85	000 20	0 07 08	97 00 0	043 51	0 0 9 0 0	- - - 41	+ 5	- 4	0	0	1.8	4
	Nokkundi	000 80	0 00 00	99 00 0	105 85	0 0 9 0 0	- - - 88	000 21	0 34 00	99 00 0	182 56	0 0 9 0 0	- - - 54	—	—	0	—	0.9	2
	Kalat †	000 45	0 31 05	98 00 0	004 65	0 0 9 0 0	- - - 69	000 31	0 13 05	98 00 0	029 36	0 0 9 0 0	- - - 33	+ 4	+ 1	0	0	9.7	7
	Turbat	000 48	0 07 02	97 00 0	105 92	0 0 9 0 0	- - - 96	000 37	0 08 02	96 00 0	155 71	0 0 9 0 0	- - - 62	—		0	—	1.4	
	Panjgur *	000 27	0 27 02	97 00 0	001 81	0 0 9 0 0	- - - 82	000 21	0 05 03	97 00 0	032 52	0 0 9 0 0	- - - 48	+ 2	0	0	—	3.3	5
	Las Bela	000 74	0 00 00	99 00 0	××× 97	0 0 9 0 0	- - - 00	000 59	0 00 00	98 00 0	148 79	0 0 9 0 0	- - - 53	—	—	0	—	1.7	8
	Ormara	000 59	0 18 05	97 00 0	011 92	0 0 9 0 0	- - - 93	000 49	0 00 00	97 00 0	164 67	0 0 9 0 0	- - - 63	—	-	0	0	3.1	6
	Pasni	000 47	0 13 07	98 00 0	117 90	0 0 9 0 0	- - - 93	000 51	0 31 05	96 00 0	157 68	0 0 9 0 0	- - - 62	+ 6	- 1	0	0	4.9	6
	Jiwani																		4
SIND	Keti	000 43	0 27 03	96 00 0	102 97	0 0 9 0 0	- - - 97	000 41	0 09 02	96 00 0	152 66	0 0 9 0 0	- - - 58	—		0	-	2.2	
	Jacobabad	000 45	0 18 02	97 00 0	111 91	0 0 9 0 0	- - - 93	000 48	0 00 00	95 10 0	156 68	0 0 9 0 0	- - - 59	+ 4	+ 4	0	0	0.7	4
	Sukkur	000 56	0 23 ××	96 00 0	109 92	0 0 9 0 0	- - - 95	000 56	0 13 ××	98 00 0	150 65	0 0 9 0 0	- - - 61			0	—	1.0	4
	Padidan	000 43	0 00 00	98 00 0	111 91	0 0 9 0 0	- - - 93	000 45	0 00 00	98 00 0	142 66	0 0 9 0 0	- - - 57	—	—	0	—	0.9	
	Karachi (*Manora*)	000 65	0 25 05	99 00 0	109 85	0 0 9 0 0	- - - 91	000 54	0 00 00	96 00 0	153 72	0 0 9 0 0	- - - 69	+ 4	0	0	- 0.1	1.6	3
	Karachi (*A. P.*)	000 44	0 28 07	97 00 0	111 91	0 0 9 0 0	- - - 97	000 40	0 13 02	98 00 0	153 69	0 0 9 0 0	- - - 63		—	0		3.0	
	Badin							000 62	0 30 02	97 00 0	156 68	0 0 9 0 0	- - - 59		- 3	0	0	7.0	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 76	0 31 05	97 00 0	108 90	0 0 9 0 0	- - - 96	000 59	0 00 00	97 00 0	147 67	0 0 9 0 0	- - - 61		-	0	-	2.3	
	Hyderabad	000 48	0 36 03	97 00 0	113 92	0 0 9 0 0	- - - 93	000 49	0 13 03	95 05 0	156 65	0 0 9 0 0	- - - 61	+ 2	- 1	0	0	2.0	7
Junagadh	Veraval																		20
Afghanistan	Kabul																		12
	Jalalabad	000 41	1 07 02	97 01 1	006 82	0 0 9 4 0	2 × 9 84							—					
	Kandahar							000 36	0 00 00	97 00 0	020 41	0 0 9 0 0	- - - 35		—	0	—	10.5	

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 8TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall Since 1st Nov. '51 to date	Departure from normal	Since 1st Jan. '51 to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12
Arabia	Muscat	—	000 69	0 86 02	97 00 0	131 81	0 0 9 0 0	— — — 84	000 63	0 00 00	96 00 0	169 79	0 0 9 0 0	— — — xx	— 1	—	0	—	3 3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 xx	0 29 05	96 00 0	128 81	0 0 9 0 0	— — — 85	000 xx	8 11 05	96 00 0	138 76	0 0 9 0 7	— — — 71	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	S $N_s C h_s h_s$	O $\Gamma_s T_s T_d T_d$	$1 d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Warsnip Lochqaoich	43 205	694 03	0 03 11	82 00 0	—	—	—	—	—	—
Bharatrani	43 213	699 06	0 05 07	97 02 0	125 86	xx x xx	—			
Jalaganga	43 169	730 06	2 11 11	93 01 1	109 88	21 7 00	3 3 500	—	0 11 72	1 10 22
Jalaganga	43 161	733 12	8 27 07	98 03 1	068 87	21 7 01	3 3 900	—	0 04 74	1 30 22
Oranje	43 003	660 18	7 07 09	98 03 1	105 87	31 4 3x	2 7 101	—	0 00 28	1 01 22
Sepuroca	43 237	655 18	0 32 04	97 02 0	139 82	00 9 00	5 4 110	—	0 00 21	1 25 21
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiiGG		$P_0P_0P_0T_0T_0$		$T_dT_dT_{10}X_1X_2$			$P_1P_1h_1h_1h_1$		$T_1T_1T_d{}_1T_d{}_1T_{x1}$ etc.			5555		$h_2h_2P_1P_1P_1$		$T_1T_1T_d{}_1T_d{}_1T_{x1}$ etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	009 80	112 60	000 33	291 04	855 00	205 38	700 39	107 53	509 81	559 91	301 72	839 91	555 55	349 00	245 06	678 00	175 79	456 00	049 90	665 56	009 90	494 00	699 94	813 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	34 08	34 09	34 06	31 06	26 02	31 21	27 39	—		—	35 06	33 11	33 14	34 12	—	—	—	—	—	—	—	—	—	—
Chhor	35 05	03 04	04 04	07 03	03 05	30 08	26 13	30 11	27 39	28 53	—	—	—	—	—	—	08 09	08 03	20 03	28 04	31 04	29 04	33 15	32 23
Chittagong	36 07	01 00	01 07	02 08	02 11	05 11	32 15	31 27	—	—	No	ascent	—		—	—	36 08	25 24	11 05	15 05	27 04	30 16	25 21	—
Cox's Bazar	13 18	35 08	24 11	26 10	28 13	36 06	—	—	—		35 12	35 12	34 13	35 05	27 09	21 05	—	—	—	—	—	—	—	—
Dacca	01 08	36 10	36 12	03 08	02 08	29 16	27 23	—	—	—	34 12	35 13	35 13	36 11	31 04	—	35 15	35 17	35 19	02 09	35 06	26 17	—	—
Dalbandin	—	—	22 01	28 03	35 03	04 08	30 18	28 26	29 34	31 51	—	—	11 10	06 03	04 04	31 09	—	—	08 04	07 03	04 03	01 11	37 11	30 24
Drosh	—	—	—	—	01 07	02 06	31 02	31 07	30 23	—	—	—	—	03 01	02 07	02 06	—	—	—	—	04 09	01 12	30 06	20 27
Fort Sandeman	—		—	24 06	24 05	25 06	28 11	29 23		—	—	—	—	21 09	28 10	31 04	—	—	—	23 05	26 07	27 09	30 21	29 26
Jacobabad	29 04	29 03	29 06	31 09	35 12	31 06	30 15	28 26	28 21	29 34	24 07	25 06	25 04	27 07	31 08	35 18	25 06	21 02	24 04	25 05	31 08	06 03	33 10	—
Jhelum	29 01	30 03	31 08	29 09	28 10	32 10	27 13	27 21	27 39	—	01 03	09 03	30 07	31 13	31 12	31 09	02 04	28 03	28 04	28 10	32 14	31 15	31 17	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	12 02	08 01	02 02	05 05	06 04	28 07	28 09	30 23	30 35	29 45	32 09	32 04	16 02	04 03	03 06	06 03	30 08	28 05	26 04	07 06	09 12	24 07	33 13	34 18
Khanpur	23 05	22 06	21 08	28 08	27 07	26 12	27 20	31 25	29 31	28 55	25 15	26 11	27 06	07 03	36 07	35 05	26 16	25 15	26 11	27 06	09 08	30 06	33 14	22 31
Lahore	31 07	28 12	28 10	28 13	31 13	35 08	28 13	26 23	29 30		26 10	26 12	28 10	32 10	27 09	32 15	36 06	29 13	29 12	26 08	32 12	33 12	00 13	30 23
Multan	22 09	22 14	24 10	25 05	35 05	03 08	28 13	28 19	29 34	28 38	22 12	22 10	09 02	33 07	01 16	34 12	18 09	21 09	21 06	20 04	07 03	35 07	30 23	31 31
Peshawar		07 03	29 03	26 07	26 12	29 13	28 10	29 16	31 29	—	—	33 02	32 03	11 02	27 05	32 13		34 04	01 05	22 06	30 08	29 17	29 20	30 25
Quetta					29 09	31 11	29 13	29 27	29 28	—		—	—	—	30 09	32 11	—	—			35 03	34 13	29 24	—
Bushire						—					—	—			—						—	—		—
Sharjah						—																—		

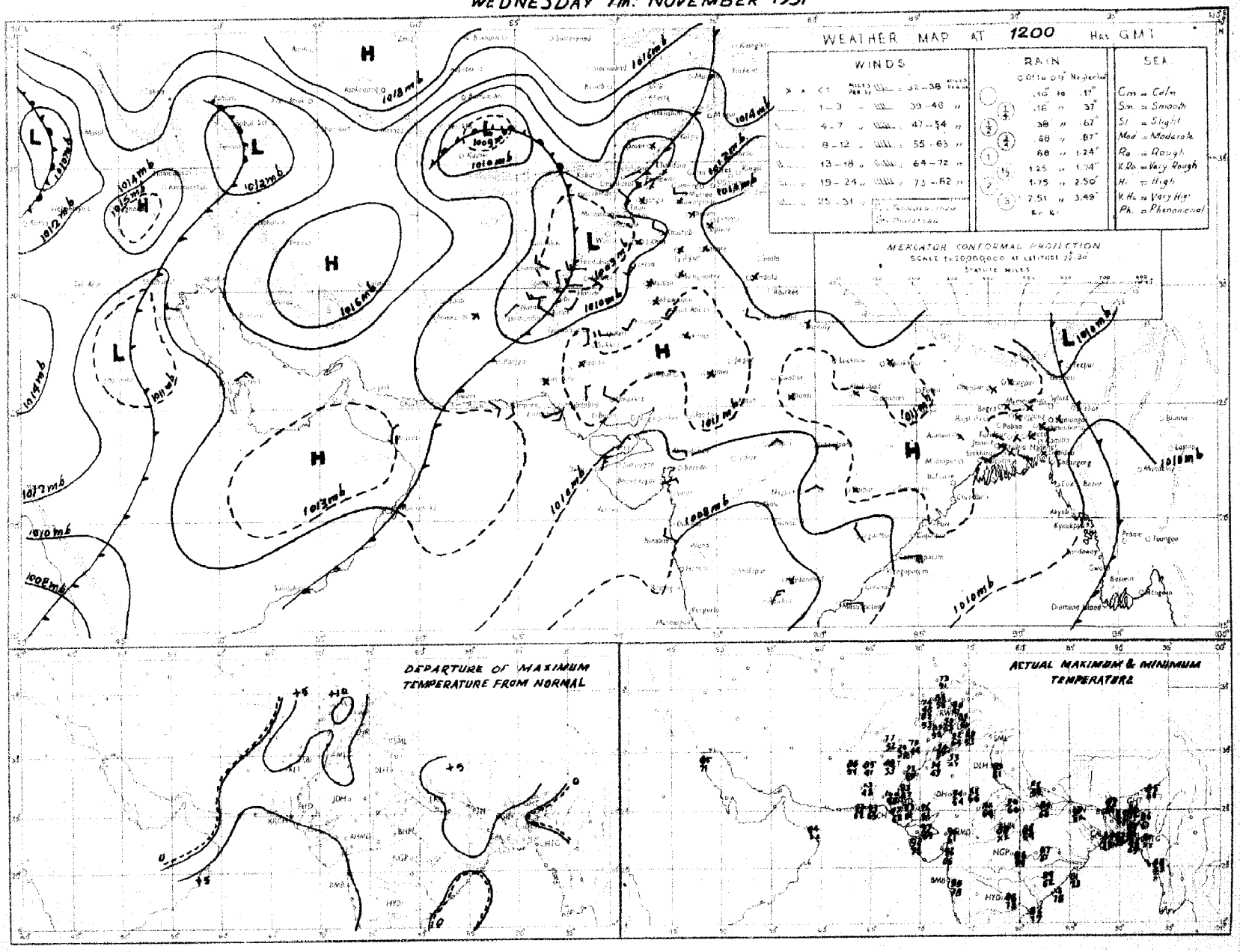
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.8, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

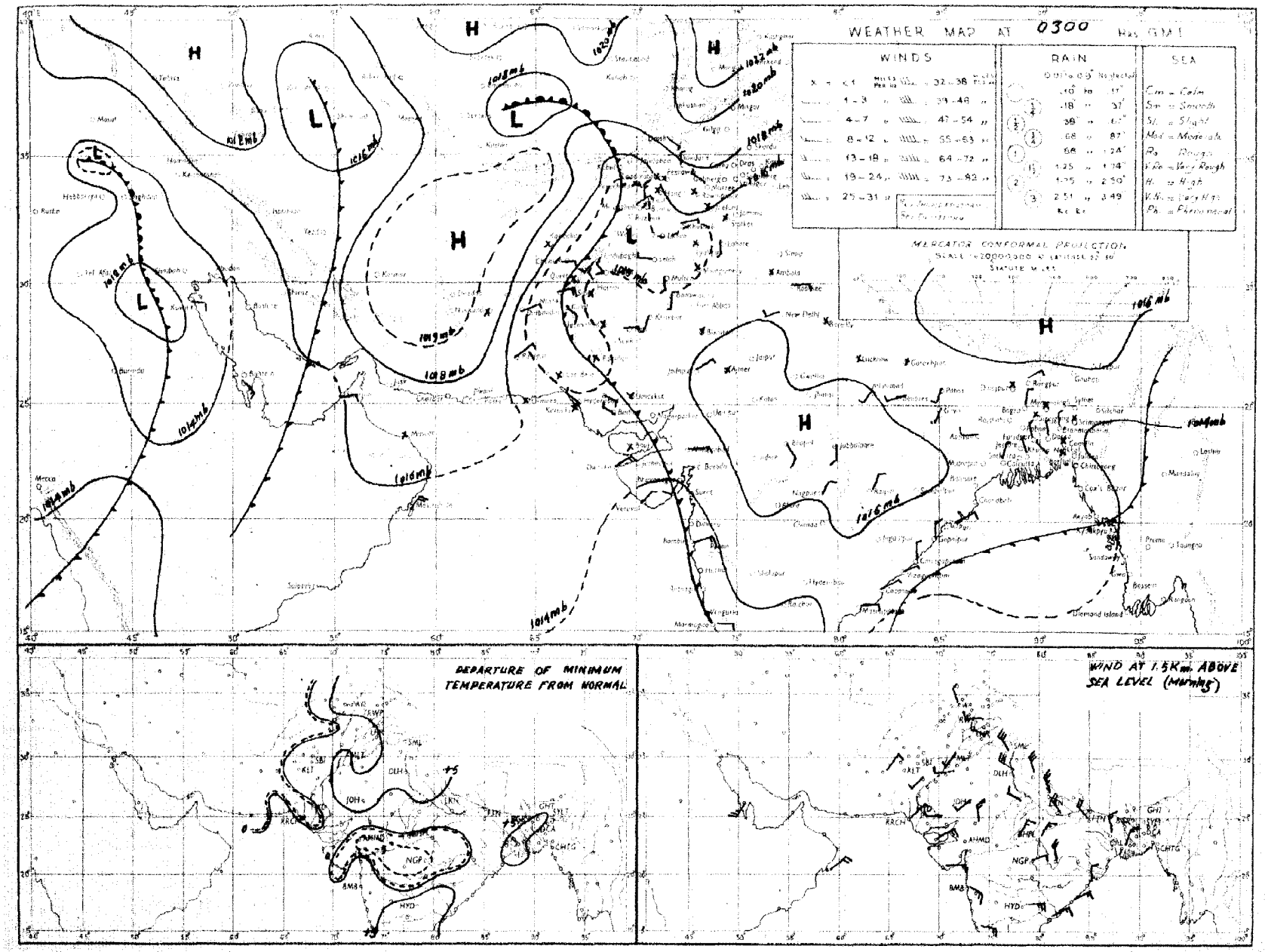
WEDNESDAY 7th: NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

THURSDAY 8th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 9th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance over Russian Turkistan persists. Secondary low lies over the plains of Punjab.

The western disturbance over Iraq moved eastnortheastwards and now lies over North Iran. Its associated trough extends from Persian Gulf to south east Arabia.

Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal in West Pakistan.

Forecast valid until the evening of 10th:—Cloudy weather with chances scattered rain/drizzle in the North-West Frontier Province and Kashmir.

Karachi-11.
The 9th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_L$D$_H$D$_M$T$_x$T$_n$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_L$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 67	1 00 00	96 01 1	112 79	0 0 9 3 0	1 × × 86	000 68	0 00 00	97 01 1	138 80	0 0 9 0 0	- - - 69	+ 1	- 1	0.1	- 1.9	121.5	140
	Chittagong	000 67	0 31 02	96 00 1	107 78	0 0 9 0 0	- - - 87	000 68	2 00 00	97 00 1	142 81	0 0 9 8 1	0 9 9 68	+ 3	0	0	- 1.2	134.5	108
	Noakhali	000 72	0 00 00	93 40 0	××× 78	0 0 9 0 0	- - - 85	000 78	0 00 00	95 42 4	××× 78	0 0 9 0 0	- - - 68	+ 1	0	0.6	- 0.4	—	115
	Comilla	000 75	1 00 00	97 00 0	109 79	1 1 7 0 0	- - - 81	000 71	0 09 02	98 00 0	141 80	0 0 9 0 0	- - - 78	- 4	+11	0.7	- 0.1	131.9	94
	Brahmanbaria	000 68	0 00 00	97 00 1	115 82	0 0 9 0 0	- - - 89	000 66	0 00 00	97 00 0	142 82	0 0 9 0 0	- - - 70	—	—	0	- 0.6	65.5	78
	Dacca	××× 67	0 00 00	×× 00 1	107 75	0 0 9 0 0	5 × × 84	000 71	0 00 00	97 00 4	139 80	0 0 9 0 0	2 2 3 63	—					—
	Narayanganj	000 69	0 00 00	×× 00 0	118 81	0 0 9 0 0	9 × × 88	000 68	0 00 00	98 00 0	135 84	0 0 9 0 0	9 × × 69	+ 3	0	0	- 0.6	88.8	74
	Mymensingh	000 71	0 00 00	99 00 0	118 80	0 0 9 0 0	- - - 83	000 71	0 00 00	99 00 0	142 78	0 0 9 0 0	- - - 70	- 1	+ 3	2.3	+ 1.7	64.0	93
	Srimangal	000 73	0 00 00	96 00 1	106 78	0 0 9 0 0	- - - 86	000 73	3 00 00	96 02 1	143 76	1 2 6 3 0	- - - 64	- 2	+ 2	0.2	- 0 7	105.4	98
	Khulna	000 65	0 00 00	96 00 0	115 81	0 0 9 0 0	- - - 87	000 61	0 00 00	98 00 0	151 81	0 0 9 0 0	- - - 66	+ 3	0	0	- 0 6	53.4	68
	Satkhira	000 74	3 00 00	97 01 0	110 88	2 5 7 5 0	- - - 88	000 66	0 00 00	96 00 1	143 78	0 0 9 0 0	- - - 63	+ 2	- 2	0	- 0.4	44.7	65
	Jessore	000 70	0 00 00	97 00 0	112 79	0 0 9 0 0	- - - 89	000 60	0 27 03	97 00 0	141 74	0 0 9 0 0	- - - 62	—		0	- 0.6	45.9	65
	Faridpur	010 68	0 00 00	94 10 0	103 78	0 0 9 0 0	9 × × 79	000 72	0 00 00	96 05 0	148 70	0 0 9 0 0	- - - 64	- 4	+ 3	0.5	- 0.1	56.0	71
	Barisal	005 69	0 31 02	97 00 1	106 80	0 0 9 0 0	- - - 86	000 ××	0 00 00	97 05 0	142 78	0 0 9 0 0	- - - 68	+ 2	0	0.4	- 0 5	73.9	81
	Pabna																		59
	Rampur Boalia	000 72	0 00 00	×× 00 0	106 80	0 0 9 0 0	- - - 83	000 70	0 00 00	98 00 0	137 79	0 0 9 0 0	- - - 66	0	+ 1	1.2	+ 0.9	67.2	56
	Sirajganj	000 67	1 00 00	96 01 1	105 82	1 1 8 0 0	- - - 86	000 66	0 31 02	95 00 0	142 78	0 0 9 0 0	- - - 65	+ 3	0	1.2	+ 0 6	46.2	64
	Bogra	000 69	0 00 00	×× 00 0	120 80	0 0 9 0 0	- - - 83	000 69	0 00 00	97 00 0	148 75	0 0 9 0 0	- - - 62	- 1	- 1	0	- 0.1	48.6	69
	Dinajpur	000 ××	0 09 02	×× 02 1	— —	0 0 9 0 0	- - - -	000 ××	0 00 00	98 02 1	—	0 0 9 0 0	- - - -		—	0.3	+ 0.1	79.5	72
	Rangpur																		84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 50	× 20 02	96 01 0	113 83	0 0 9 0 3	0 4 0 92	000 46	2 16 02	95 10 4	130 61	0 0 9 0 3	1 0 0 57	+ 8	+ 7	0	0	10.2	12
	Lahore	000 61	1 00 00	96 01 1	115 84	0 0 9 0 1	8 9 × 91	000 51	1 00 00	96 03 1	128 64	0 0 9 0 3	9 9 × 53	+ 5	+ 4	0	0	14.7	19
	Sialkot	000 41	3 00 00	97 00 0	104 82	0 0 9 0 1	- - - 89	000 48	5 00 00	97 03 1	137 67	5 0 8 6 4	- - - 59	+ 5	+ 7	0	0	18.7	32
	Jhelum	000 55	5 23 02	96 03 1	111 82	0 0 9 0 6	- - - 89	000 50	8 00 00	95 10 1	134 56	0 0 9 0 6	- - - 53	—		0		26.8	—
	Rawalpindi	000 48	3 00 00	99 01 1	117 75	0 0 9 8 0	- - - 87	000 44	3 00 00	95 05 1	141 58	0 0 9 0 1	- - - 52	+ 7	+ 6	0	0	25.7	35
	Murree †	000 53	4 27 02	98 01 1	094 57	0 0 9 0 8	9 1 × 66	000 36	5 31 03	98 02 1	087 55	0 0 9 0 4	9 8 × 50	+ 7	+ 7	0	- 0.1	45.1	59
	Attock	××× ××	2 00 00	98 00 0	— —	0 0 9 0 1	- - - -	××× ××	7 00 00	96 00 0	— —	0 0 9 0 9	- - - -	—	—			—	—
	Khushab	000 59	3 00 00	99 01 1	110 87	0 0 9 0 4	- - - 87	000 48	3 07 02	99 03 1	125 60	0 0 9 0 4	- - - 56	+ 2	+ 8	0	0	8.0	15
	Montgomery	000 63	0 00 00	96 00 0	122 87	0 0 9 0 0	- - - 93	000 46	0 23 03	96 00 0	125 67	0 0 9 0 0	- - - 56	+ 6	+ 8	0	0	6.1	10
	Leiah	000 81	0 23 02	97 00 0	103 93	0 0 9 0 0	- - - 94	000 48	0 31 02	97 00 0	127 56	0 0 9 0 0	- - - 53			0		6.6	8
	Multan	000 53	0 18 02	97 00 0	113 92	0 0 9 0 0	- - - 95	000 47	0 18 02	95 00 0	126 66	0 0 9 0 0	- - - 60	+ 9	+ 7	0	0	6.9	7
	Khanpur	000 45	1 27 03	96 00 1	116 90	0 0 9 0 1	0 9 × 95	000 47	1 18 05	96 00 0	129 54	0 0 9 0 1	0 9 × 59	+ 6	+ 6	0	0	1.9	6
	Bahawalpur	000 63	0 00 00	97 00 0	113 85	0 0 9 0 0	- - - 95	000 49	0 23 02	97 00 0	123 62	0 0 9 0 0	- - - 59	+ 8	+ 7	0	0	4.5	6
	Fort Abbas	000 73	0 28 02	96 00 0	109 85	0 0 9 0 0	- - - 93												8
N. W. F. P.	Drosh *	000 18	5 11 02	99 01 1	003 87	0 0 9 7 1	8 6 6 95	000 27	8 00 00	98 03 2	043 54	0 0 9 0 7	- - - 51	+ 8	+ 6	0		2.8	18
	Chakdara	000 51	0 18 02	99 00 0	104 75	0 0 9 0 0	- - - 81	000 43	4 00 00	98 03 0	149 55	4 5 6 0 0	1 × × 53	—		0	—	20.3	—
	Cherat *	000 35	3 18 05	98 01 1	007 60	0 0 9 0 1	3 0 × 76	000 29	5 31 08	98 03 0	003 65	0 0 9 0 7	0 6 × 59	+ 7	+ 8	0	- 0.1	28.9	29
	Peshawar	000 52	3 00 00	96 01 1	114 78	0 0 9 0 6	0 7 × 85	000 37	7 20 03	96 03 1	134 60	0 0 9 3 6	0 6 × 58	+ 6	+ 7	0	0	9.1	14
	Parachinar	000 22	3 13 02	99 01 1	003 71	0 0 9 2 0	5 × 7 75	000 33	7 36 02	99 02 1	985 57	0 0 9 6 6	2 0 0 50	+ 8	+ 9	0		28.5	29
	Miranshah	000 39	5 11 03	98 02 1	002 79	0 0 9 0 3	- - - 82	000 25	5 00 00	98 02 1	986 40	5 0 8 6 3	- - - 58	—	-	0	0	10.5	13
	Bannu	000 32	7 05 03	99 01 1	112 81	0 0 9 2 0	- - - 88	000 46	6 00 00	99 03 1	131 62	0 0 9 8 0	- - - 59	—	—	0		5.9	11
	D. I. Khan	000 43	0 00 00	98 00 0	098 88	0 0 9 0 0	- - - 88	000 47	0 00 00	96 00 0	128 59	0 0 9 0 0	- - - 52	+ 3	+ 1	0	0	2.8	9
	Wana																		11
	Landikotal	000 45	1 00 00	99 02 1	990 73	0 0 9 4 0	- - - 78	000 44	7 00 00	99 02 2	997 59	0 0 9 7 0	- - - 52		-	0	—	12 0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	—	—	—	—		—
	Thull	××× ××	0 18 09	99 00 0	— —	0 0 9 0 0	- - - -	××× ××	2 31 13	98 01 1	— —	2 8 7 0 0	- - - -	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 25	5 00 00	96 01 1	085 78	0 0 9 0 1	- - - 82	000 25	8 00 00	95 02 1	048 54	1 6 7 5 0	1 × × 50	+ 7	+ 6	0	0	10.0	11
	Hindubagh	000 20	5 00 00	97 02 1	990 72	5 2 8 0 0	- - - 81	000 23	6 31 09	97 03 1	002 60	6 5 8 0 0	3 × × 52		-	0	—	9.0	—
	Loralai	000 41	0 18 02	96 00 0	096 72	0 0 9 0 0	- - - 80	000 27	6 23 02	96 03 1	022 52	0 0 9 1 0	- - - 46	—	-	0	—	8.5	—
	Harnai (a)	000 ××	0 27 02	96 00 0	— —	0 0 9 0 0	- - - -	000 ××	0 27 02	95 00 0	— —	0 0 9 0 0	- - - -	—	-	0	- 0.1	10.6	14
	Sibi	000 27	2 23 05	98 01 0	112 92	0 0 9 0 1	1 × × 94	000 38	0 00 00	98 00 0	129 61	0 0 9 0 0	- - - 57	—	-	0	—	3.8	5
	Quetta †	000 47	1 00 00	99 00 0	997 71	0 0 9 0 7	- - - 72	000 34	5 00 00	99 00 2	990 47	0 0 9 1 9	4 0 0 85	—	-	0		9.3	9
	Chaman	000 21	0 31 02	97 00 0	018 72	0 0 9 0 0	- - - 78	000 18	6 07 02	97 03 1	020 58	0 0 9 0 4	5 9 × 55	+ 7	+10	0	—	9.6	8
	Nushki	000 25	5 29 07	97 03 1	076 80	0 0 9 0 1	3 × 0 83	000 23	2 07 18	96 01 0	091 68	0 0 9 0 1	1 × 0 62		—	0	—	5.4	—
	Dalbandin *	000 38	0 00 00	97 00 0	081 82	0 0 9 0 0	- - - 85	000 22	1 00 00	97 01 1	015 52	0 0 9 0 1	9 9 × 46	+ 5	+ 1	0	0	1.8	4
	Nokkundi	000 44	3 16 02	99 03 0	110 86	0 0 9 0 1	0 0 × 88	000 32	3 34 02	99 03 1	148 50	0 0 9 0 5	9 0 × 55	—	-	0	—	0.9	2
	Kalat †	000 47	0 31 05	98 00 0	017 66	0 0 9 0 0	- - - 73	000 27	0 18 05	98 00 0	016 44	0 0 9 0 0	- - - 88	+ 8	+ 6	0	0	9.7	7
	Turbat	000 44	0 25 02	97 00 0	121 95	0 0 9 0 0	- - - 99	000 36	1 08 02	96 03 0	141 70	0 0 9 0 1	- - - 61	—		0	—	1.4	—
	Panjgur *	000 16	0 05 03	97 00 0	006 83	0 0 9 0 0	- - - 85	000 21	0 05 03	97 00 0	026 52	0 0 9 0 0	- - - 48	+ 5	0	0	—	3.2	5
	Las Bela	000 72	0 00 00	99 00 0	105 97	0 0 9 0 0	- - - 00							—					8
	Ormara	000 50	0 18 05	97 00 0	122 91	0 0 9 0 0	- - - 91	000 50	0 00 00	97 00 0	136 65	0 0 9 0 0	- - - 62	—	-	0	0	3.1	6
	Pasni	000 74	0 31 07	98 00 0	136 87	0 0 9 0 0	- - - 96	000 35	0 31 03	96 00 0	141 68	0 0 9 0 0	- - - 61	+ 9	- 2	0	0	4 9	6
	Jiwani																		4
SIND	Reti	000 43	0 27 03	96 00 0	112 93	0 0 9 0 0	- - - 97	000 41	0 09 02	96 00 0	127 66	0 0 9 0 0	- - - 58	—		0	—	2.2	—
	Jacobabad	000 23	0 23 03	97 00 0	119 91	0 0 9 0 0	- - - 94	000 48	0 16 02	96 00 0	129 67	0 0 9 0 0	- - - 59	+ 5	+ 4	0	0	0.7	4
	Sukkur	000 55	0 ×× ××	96 00 0	116 91	0 0 9 0 0	- - - 97	000 59	0 ×× ××	96 00 0	127 67	0 0 9 0 0	- - - 60			0	—	1 0	4
	Padidan	000 49	0 00 00	98 00 0	113 94	0 0 9 0 0	- - - 95	000 40	0 00 00	98 00 0	124 64	0 0 9 0 0	- - - 54	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 68	0 25 05	99 00 0	122 88	0 0 9 0 0	- - - 92	000 73	0 00 00	98 00 0	137 74	0 0 9 0 0	- - - 72	+ 5	+ 3	0	- 0.1	1.6	3
	Karachi (*A. P.*)	000 49	0 23 10	98 00 0	125 92	0 0 9 0 0	- - - 98	000 52	0 00 00	96 00 0	140 65	0 0 9 0 0	- - - 60			0	—	3.0	—
	Badin	000 53	0 ×× ××	97 00 0	124 94	0 0 9 0 0	- - - 01	000 54	0 27 02	97 00 0	137 66	0 0 9 0 0	- - - 61	+ 8	- 1	0	0	7.0	9
	Nagarparkar							000 63	0 00 00	97 00 0	135 70	0 0 9 0 0	- - - 68		-	0	—	2.3	—
	Chhor (*Umarkot*)	000 78	0 31 03	97 00 0	118 91	0 0 9 0 0	- - - 96	000 51	0 23 02	96 00 0	131 68	0 0 9 0 0	- - - 63	+ 8	+ 1	0	0	2.0	7
	Hyderabad	000 52	0 13 03	97 00 0	125 95	0 0 9 0 0	- - - 99												
Junagarh	Veraval																		20
Afghanistan	Kabul	000 82	2 02 03	98 01 1	027 69	0 0 9 4 1	- - - 73							—					12
	Jalalabad	000 42	3 00 00	97 01 1	007 80	0 0 9 6 2	- - - 83							—					—
	Kandahar	000 52	0 00 00	98 00 0	060 75	0 0 9 0 0	- - - 88							—					—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 9TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_hhC_wC_B$	$W_1D_sD_wT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_hhC_wC_B$	$W_1D_sD_wT_xT_x$	Departure from Normal T_xT_x	T_sT_s	Rainfall Since Nov. 1st to date	Departure from normal	Since Jan. 1st to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12
Arabia	Muscat	—	000 68	0 09 02	97 00 0	145 82	0 0 9 0 0	— — — 86	000 66	0 31 02	96 00 0	161 80	0 0 9 0 0	— — — xx	+ 1	—	0	—	8 9	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kowait	—	000 xx	8 11 09	96 00 0	107 x0	0 0 9 0 7	— — — 80	—	—	—	—	—	—	—	—	—	—	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rain fall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sebastiano	53 216	620 06	0 05 06	98 00 1	403 84	00 9 00	—	—	—	—
Bizwani	58 235	642 05	0 36 05	99 00 0	044 83	—	—	—	—	—
Jalaratna	53 193	721 06	6 07 07	98 02 0	136 87	34 7 52	—	—	—	—
Jalaganga	52 137	743 06	3 02 09	98 03 1	126 86	11 8 59	3 3 990	—	0 51 76	1 02 20
Sebastino	53 229	641 12	0 05 05	98 00 0	122 86	00 9 00	—	—	—	—
J latatna	52 199	715 12	0 03 05	98 00 0	112 86	00 9 00	—	—	—	—
Bizwani	53 226	639 12	0 34 13	99 02 0	140 84	00 9 00	—	—	—	—
Jalaganga	53 129	746 12	5 27 07	98 01 1	097 87	32 8 07	3 3 990	—	0 00 77	1 30 21
Jatarana	53 205	799 18	0 02 02	98 02 0	127 84	00 9 00	—	—	—	—
Capteurance	53 117	583 24	0 06 08	98 01 0	111 81	00 9 00	2 4 810	—	0 02 xx	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 15	010 27	066 60	000 36	270 59	855 03	200 04	700 45	135 88

STATION	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	509 48	529 94	302 17	769 91	201 43	959 91	555 55	129 72	280 26	349 00	230 29	678 00	185 22	476 00	086 87	524 00

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	36 06	32 07	32 06	31 05	33 07	—	—	—	—	—	31 04	32 04	30 07	26 11	29 11	32 17	—	—	—	—	—	—	—	—
Chakar	25 03	25 04	27 04	25 03	21 02	35 04	31 10	34 19	33 25	—	—	—	—	—	—	—	23 10	24 12	24 12	21 06	31 06	06 05	31 05	28 10
Chittagong	38 06	31 05	01 03	14 04	15 04	—	—	—	—	—	33 08	31 07	31 07	18 02	—	—	—	—	—	—	—	—	—	—
Cox's Bazar	34 10	35 08	35 06	28 01	20 04	29 12	—	—	—	—	30 10	29 11	36 07	01 09	26 24	—	—	—	—	—	—	—	—	—
Dacca	33 12	34 07	30 05	04 04	33 10	27 18	—	—	—	—	33 10	32 12	32 13	34 09	21 07	33 17	07 05	03 04	32 07	33 10	27 11	27 19	27 25	—
Dalbandin	—	—	09 03	36 01	04 06	08 05	27 06	29 19	27 29	28 39	—	—	16 03	11 03	04 01	27 05	—	—	03 04	12 04	03 06	21 04	27 19	30 37
Drosh	—	—	—	—	01 02	20 01	18 04	31 40	—	—	—	—	—	02 01	02 08	02 05	—	—	—	—	03 09	01 09	21 09	26 27
Fort Sandeman	—	—	—	26 06	28 03	29 09	30 18	34 17	31 49	30 66	—	—	—	24 02	26 10	31 08	—	—	—	28 02	25 07	26 09	31 23	31 17
Jacobabad	24 01	23 03	28 02	33 02	28 01	26 03	31 10	36 17	29 30	29 47	27 06	36 10	25 10	23 09	30 08	01 12	22 08	23 07	23 08	20 03	36 05	28 03	28 17	30 45
Jhelum	18 01	29 01	30 06	29 13	30 15	32 17	31 23	30 30	30 44	—	32 02	30 05	calm	30 19	28 13	33 16	05 01	29 07	30 12	30 15	29 18	32 23	27 12	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	30 05	31 07	31 02	13 02	26 04	33 05	33 03	36 19	32 17	32 37	28 18	27 16	27 14	25 04	31 06	18 02	29 14	29 12	27 09	35 05	21 03	35 02	27 06	—
Khanpur	24 07	25 10	24 11	23 06	17 04	31 09	29 12	31 27	—	—	25 15	25 16	25 12	16 03	23 06	32 11	—	—	—	—	—	—	—	—
Lahore	31 06	28 10	29 12	30 12	30 13	33 13	31 29	31 35	31 44	31 54	32 09	30 10	30 15	32 13	30 12	34 20	28 07	29 14	29 15	30 16	30 17	33 21	30 15	31 43
Multan	10 04	18 09	18 09	17 08	17 03	32 09	30 23	31 21	—	—	22 12	21 19	19 17	23 06	28 07	36 13	23 13	22 15	23 12	22 07	21 08	27 06	28 27	29 35
Peshawar	—	13 03	35 02	27 07	28 13	29 20	32 19	30 33	29 39	31 65	—	26 02	36 01	05 04	32 05	29 22	—	35 01	35 05	37 05	32 05	30 23	27 24	—
Quetta	—	—	—	—	34 06	25 09	25 06	28 15	29 41	28 51	—	—	—	—	25 06	23 06	—	—	—	—	25 01	35 15	29 26	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v,)

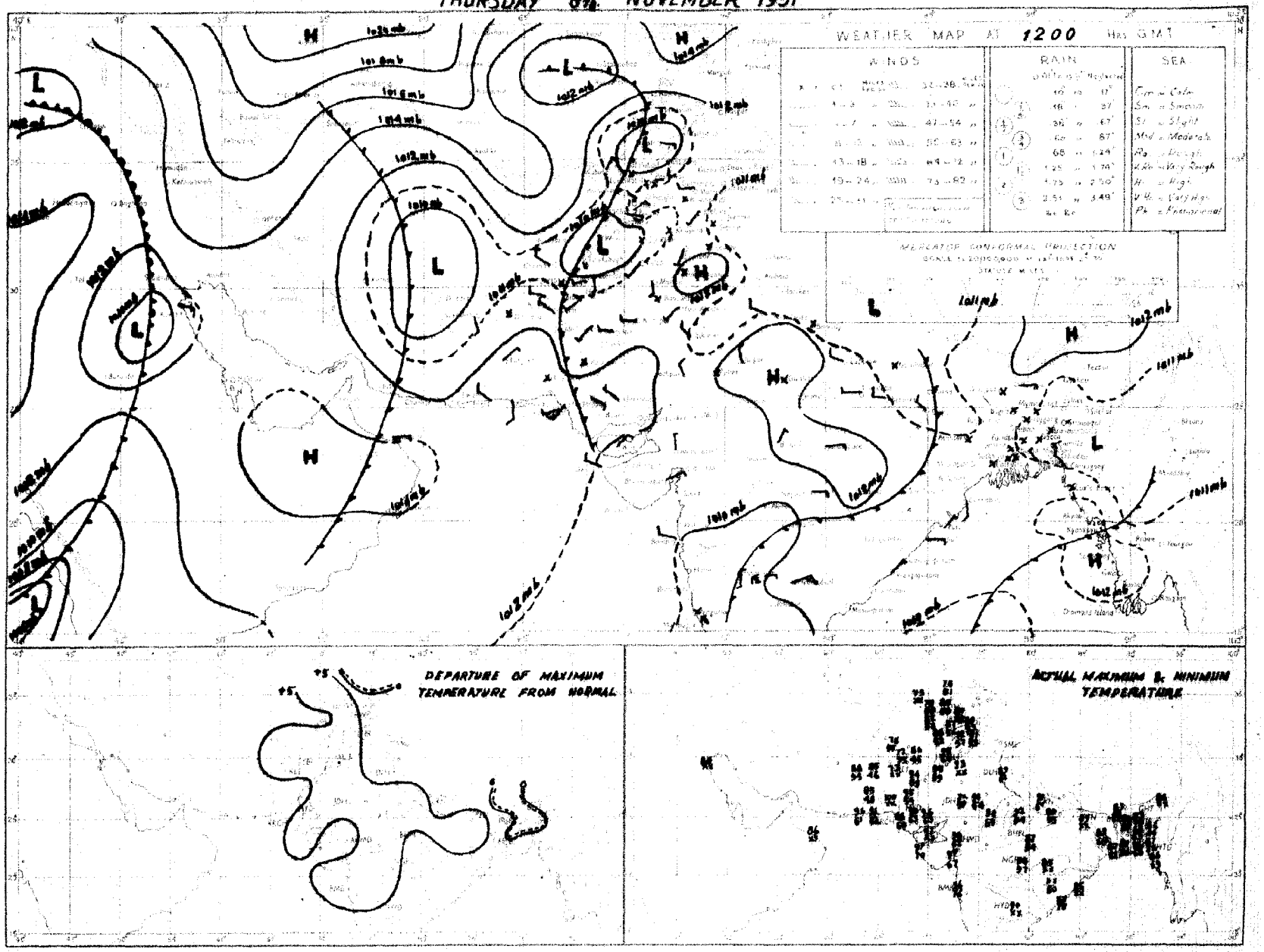
Peshawar 53202 13TMX

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

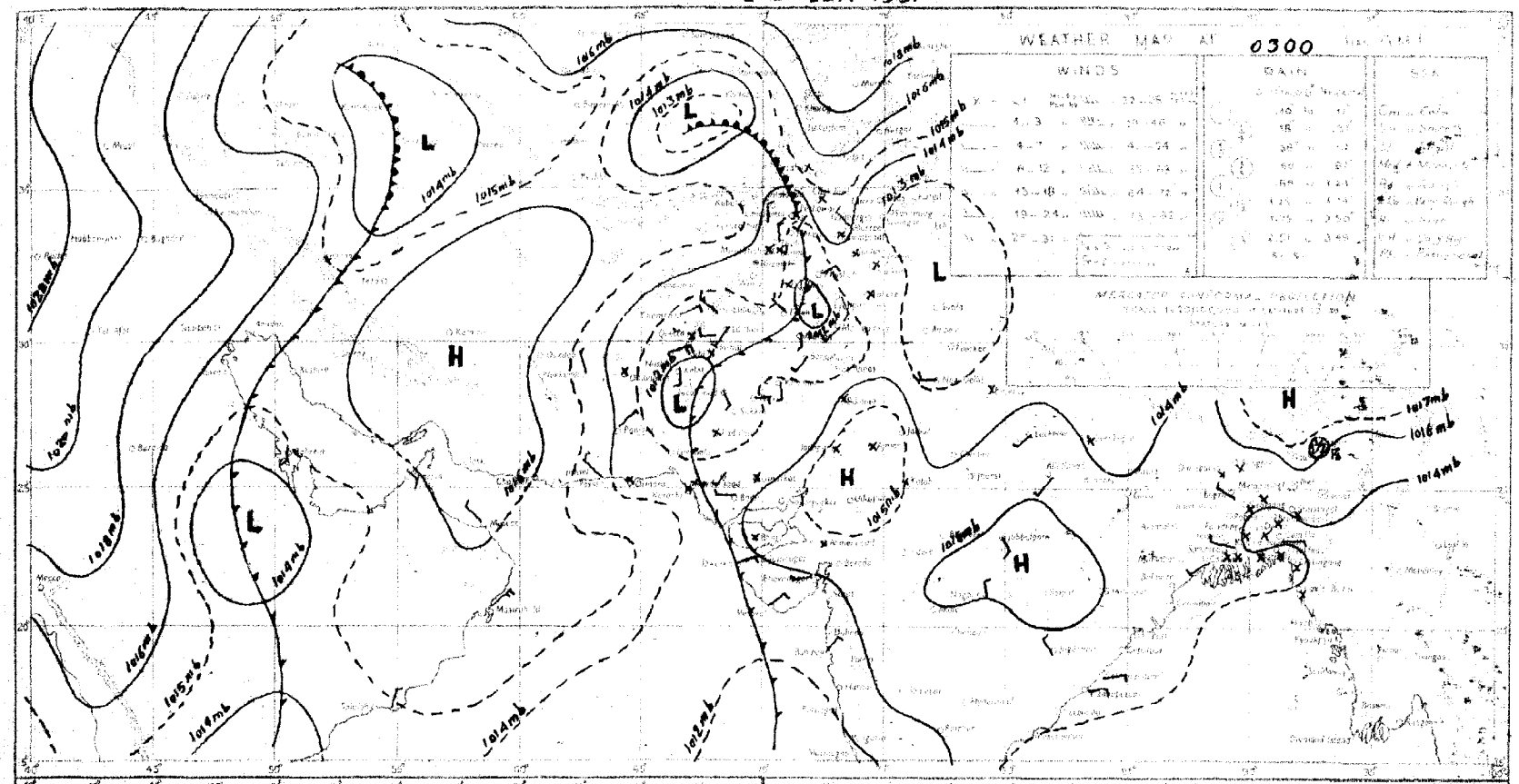
PAKISTAN DAILY WEATHER MAP

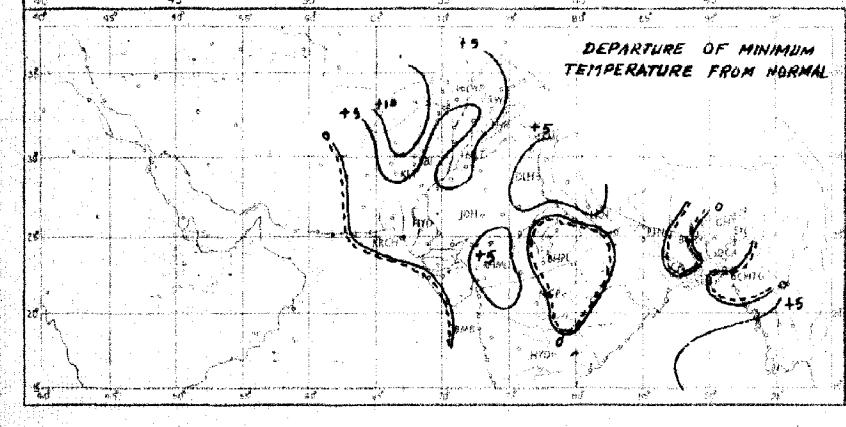
THURSDAY 8th NOVEMBER 1951

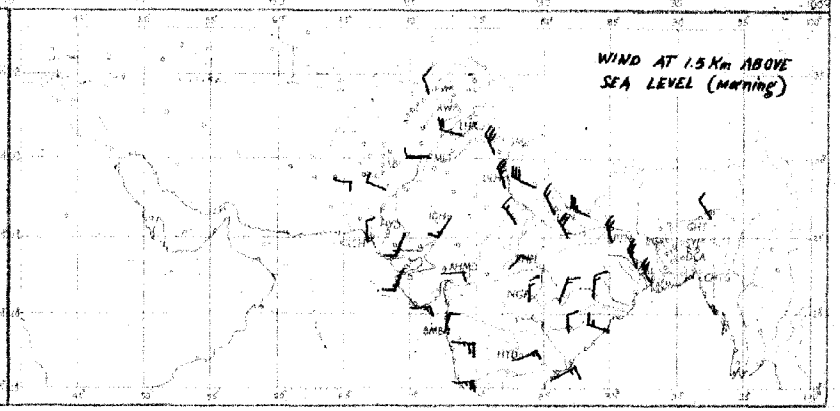


PAKISTAN DAILY WEATHER MAP

FRIDAY 9th. NOVEMBER 1951







Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 10th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance over Russian Turkistan along with its secondary is moving away northeastwards.

The western disturbance over north Iran has moved northeastwards and now lies over Russian Turkistan. Its associated trough extends from Baluchistan to southeast Iran.

Pressure gradient is steep over west Persian Gulf.

Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal over West Pakistan outside south Baluchistan.

Forecast valid until the evening of 11th :—Local rain/drizzle and a few thunderstorms will occur in northeast Baluchistan, the North-West Frontier Province, Kashmir and the extreme north Punjab. Local duststorms will also occur in north Baluchistan. Low clouds and morning fog is likely along Sind Mekran coast.

Karachi-11.
The 10th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 67	0 00 00	95 01 1	118 79	0 0 9 0 0	- - - 87	000 67	0 00 00	97 01 1	156 79	0 0 9 0 0	- - - 68	+ 2	- 2	0.1	- 2.0	121.5	140
	Chittagong	000 62	0 29 02	96 00 1	114 78	0 0 9 0 0	- - - 86	000 67	0 05 02	97 00 0	156 79	0 0 9 0 0	- - - 66	+ 1	- 2	0	- 1.3	134.5	108
	Noakhali	000 71	0 00 00	93 40 0	××× 80	0 0 9 0 0	- - - 86	000 66	0 36 05	95 50 4	××× 75	0 0 9 0 0	- - - 66	+ 2	- 2	0 6	- 0.4		115
	Comilla	000 75	0 ×× ××	97 00 0	133 69	0 0 0 0 0	- - - 81	000 68	0 05 05	98 00 0	146 77	0 0 9 0 0	- - - 76	- 4	+ 9	0.7	- 0.1	131.9	94
	Brahmanbaria	000 67	0 00 00	97 00 0	121 81	0 0 9 0 0	- - - 85	000 69	0 05 02	97 00 0	164 79	0 0 9 0 0	- - - 67	—	—	0	- 0.7	65.5	78
	Dacca	××× 64	0 00 00	96 00 1	116 79	0 0 9 0 0	- - - 87	000 69	0 27 02	98 00 4	163 76	0 0 9 0 0	- - - 63	—					—
	Narayanganj	000 65	0 00 00	×× 00 0	112 78	××××××	9 × × 88	000 67	0 31 02	94 00 0	165 78	××××××	9 × × 68	+ 3	- 1	0	- 0.6	88.8	74
	Mymensingh	000 71	8 00 00	99 02 2	096 79	8 4 7 - -	××××××	000 73	0 03 00	99 00 0	162 79	0 0 9 0 0	- - - 71		+ 4	2.3	+ 1.7	64.0	91
	Srimangal	000 69	0 00 00	94 00 1	121 73	0 0 9 0 0	- - - 85	000 68	0 00 00	96 00 1	164 75	0 0 9 0 0	- - - 61	- 3	- 1	0.2	- 0 7	105.4	98
	Khulna	000 68	1 00 00	98 00 0	125 80	1 8 8 0 0	- - - 87	000 67	0 00 00	98 00 0	168 79	0 0 9 0 0	- - - 67	+ 3	+ 1	0	- 0 6	53.4	68
	Satkhira	000 67	3 00 00	97 00 1	120 81	2 5 7 5 0	- - - 88	000 67	0 31 02	98 00 0	162 75	0 0 9 0 0	- - - 67	+ 2	+ 2	0	- 0.5	44.7	65
	Jessore	000 69	0 00 00	97 00 0	114 77	0 0 9 0 0	- - - 90	000 68	0 50 03	97 00 0	167 77	0 0 9 0 0	- - - 64	—		0	- 0.6	45.9	65
	Faridpur	010 69	0 00 00	95 05 0	117 76	0 0 9 0 0	- - - 80	000 73	0 02 02	96 05 0	137 76	0 0 9 0 0	- - - 65	- 3	- 2	0.5	- 0 2	56.0	71
	Barisal							000 66	0 31 02	97 00 0	164 76	0 0 9 0 0	- - - 67		- 1	0 4	- 0 5	73.9	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 66	0 00 00	×× 00 0	118 77	0 0 9 0 0	- - - 86	000 69	0 00 00	98 00 0	168 74	0 0 9 0 0	- - - 67	+ 3	+ 2	1.3	+ 0.9	67.2	64
	Bogra	000 72	0 00 00	96 00 0	110 79	0 0 9 0 0	- - - 87	000 67	1 05 02	96 01 0	171 73	1 1 7 0 0	- - - 65	+ 4	0	1.2	+ 0 6	46.2	69
	Dinajpur	000 75	0 00 00	×× 00 0	133 79	0 0 9 0 0	- - - 86	000 64	0 05 02	97 00 0	180 73	0 0 9 0 0	- - - 64	+ 2	+ 1	0	- 0.1	48.6	72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - -	000 ××	0 07 02	98 02 1	— —	0 0 9 0 0	- - - -		—	0.3	+ 0.1	79.5	84
KASHMIR	Srinagar †																		—
	Gulmerg †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Allahabad																		—
PUNJAB	Lyallpur	000 03	2 16 02	96 01 0	085 89	0 0 9 0 7	- - - 90	000 41	2 16 02	96 01 0	146 67	0 0 9 0 3	- - - 60	+ 6	+ 10	0	0	10.2	12
	Lahore	000 63	2 00 00	96 02 1	100 79	0 0 9 0 8	9 9 × 91	000 47	2 13 02	96 01 1	157 65	0 0 9 0 0	- - - 54	+ 5	+ 5	0	0	14.7	19
	Sialkot	000 69	4 00 00	97 02 1	091 79	2 5 6 6 4	- - - 89	000 50	4 13 02	97 00 1	162 67	4 0 8 8 0	- - - 62	+ 5	+10	0	0	18.7	32
	Jhelum	000 55	1 00 00	96 01 1	097 80	0 0 9 0 1	- - - 90	000 51	5 00 00	96 03 0	169 59	0 0 9 5 0	0 × 6 53	—	—	0		26.8	—
	Rawalpindi	000 52	2 00 00	29 01 1	097 74	0 0 9 0 2	- - - 83	000 45	4 00 00	96 01 1	171 60	0 0 9 3 0	- - - 53	+ 3	+ 7	0	- 0.1	25.7	26
	Murree †	000 33	3 29 02	98 01 1	077 59	0 0 9 0 8	9 0 × 67	000 34	7 09 02	97 02 1	012 56	3 5 5 5 0	- - - 51	+ 8	+ 8	0	- 0.2	45.1	59
	Attock	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 00 00	60 00 0	— —	0 0 9 0 9	- - - -	—	—	—		—	—
	Khushab	000 57	1 16 02	99 01 1	083 90	0 0 9 0 4	- - - 93	000 50	0 07 05	98 00 0	163 63	0 0 9 0 0	- - - 56	+ 8	+ 3	0	0	8.0	15
	Montgomery	000 65	2 00 00	96 01 1	095 85	0 0 9 0 2	9 6 × 92	000 43	3 23 03	96 01 0	144 68	0 0 9 0 1	- - - ××	+ 5	—	0	0	6.1	10
	Lyallpur	000 76	0 23 02	97 00 0	087 90	0 0 9 0 0	- - - 92	000 55	0 36 03	97 00 0	145 60	0 0 9 0 0	- - - 58		—	0	—	6.6	8
	Multan	000 43	8 13 02	95 01 1	087 86	0 0 9 2 0	5 9 9 92	000 38	8 00 00	95 01 1	141 64	0 0 9 7 0	- - - 57	+ 6	+ 4	0	0	6.9	7
	Khanpur	000 56	6 23 03	96 05 1	092 86	6 2 × 0 0	3 0 0 93	000 44	4 18 02	95 05 1	137 64	0 0 9 0 4	0 9 × 60	+ 4	+ 7	0	0	1.0	6
	Bahawalpur	000 57	4 00 00	97 03 1	048 87	0 0 9 0 2	9 9 × 94	000 45	1 18 03	97 03 1	136 61	0 0 9 0 8	- - - 58	+ 7	+ 6	0	0	4.5	6
	Fort Abbas	000 29	0 23 02	96 23 1	078 90	0 0 9 3 0	- - - 93												8
N. W. F. P.	Dosh *	000 23	3 00 00	98 01 2	085 68	0 0 9 7 0	- - - 72	000 34	8 00 00	98 03 2	044 52	3 6 6 2 -	- - - 51	+ 5	+ 6	0	—	2.8	18
	Chakdara	000 53	0 24 02	99 00 0	091 77	0 0 9 0 0	- - - 83	000 45	4 36 03	98 03 1	176 57	4 5 6 0 0	- - - 53		—	0	—	20.3	—
	Cherat *	000 48	0 18 09	98 00 1	087 40	0 0 9 0 0	2 × × 77	000 42	1 16 02	97 01 0	033 59	0 0 9 3 0	0 × 0 59	+ 8	+ 8	0	- 0.1	28.9	29
	Peshawar	000 52	2 00 00	96 02 1	090 77	0 0 9 3 1	- - - 83	000 42	2 00 00	96 01 1	163 61	0 0 9 7 0	- - - 55	+ 4	+ 4	0	0	9.1	14
	Parachinar	000 28	5 13 02	97 02 2	076 68	2 3 7 6 0	5 × 7 74	000 45	4 00 00	96 01 1	071 60	0 0 9 3 0	- - - 53	+ 7	+12	0		28.5	29
	Miranshah	000 57	3 11 03	98 02 1	076 80	0 0 9 6 5	- - - 82	000 12	0 05 02	99 00 0	018 60	0 0 9 0 0	- - - 52	—	—	0	0	10.5	13
	Bannu	000 37	4 09 02	99 02 1	076 84	0 0 9 3 0	- - - 88	000 46	0 31 02	99 00 0	055 61	0 0 9 0 0	- - - 57	—	—	0		5.9	11
	D. I. Khan	000 47	1 11 01	96 01 0	069 87	0 0 9 0 8	0 7 × 87	000 46	0 00 00	96 00 0	141 56	0 0 9 0 0	- - - 53	+ 2	+ 2	0	0	2.8	9
	Wana																		11
	Landikotal	000 45	1 13 02	99 02 1	069 73	0 0 9 8 0	- - - 80	000 44	1 00 00	98 02 1	019 59	0 0 9 3 0	- - - 52		-	0	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	—	—	—			—
	Thall	××× ××	1 23 09	99 01 1	— —	1 8 7 0 0	- - - -	××× ××	0 09 09	96 00 0	— —	0 0 9 0 0	- - - -	—	—	—		—	—
BALUCHISTAN	Fort Sandeman *	000 25	1 00 00	96 01 1	090 80	0 0 9 0 1	7 × × 84	000 21	5 00 00	96 01 1	044 55	0 0 9 0 1	1 × × 48	+ 9	+ 4	0	0	10.0	11
	Hindubagh	000 24	2 27 09	98 01 1	070 79	0 0 9 3 0	7 × 0 78	000 23	6 00 00	98 03 1	089 52	6 2 8 0 0	- - - 42		-	0	—	9.0	—
	Loralai	000 34	6 00 00	96 03 1	073 78	0 0 9 2 0	- - - 81	000 26	6 23 02	97 03 1	021 49	0 0 9 1 0	0 × 5 44	—	-	0		8.5	—
	Harnai (a)	000 ××	2 27 02	94 01 0	— —	2 2 × 0 0	- - - -	000 ××	2 09 02	94 01 0	— —	2 0 8 2 0	- - - -	—	-	0	- 0 1	10.6	14
	Sibi	000 35	4 13 03	99 01 2	086 90	0 0 9 7 0	7 × 5 95	000 38	2 00 00	98 01 0	126 62	0 0 9 0 1	1 × × 57	—	-	0	—	3.8	5
	Quetta †	000 40	6 02 02	99 02 2	075 73	0 0 9 3 9	8 9 0 75	000 37	3 00 00	99 00 0	071 52	0 0 9 9 1	0 0 0 36			0	0	9 3	9
	Chaman	000 54	0 31 02	97 00 0	091 76	0 0 9 0 0	- - - 81	000 27	0 11 02	97 00 0	013 62	0 0 9 0 0	- - - 67	+10	+12	0	0	9.6	8
	Nushki	000 31	3 26 05	97 01 1	040 84	0 0 9 0 1	7 × 0 86	000 27	3 07 10	94 03 1	065 70	0 0 9 0 1	- - - 64		—	0	-	5.4	—
	Dalbandin *	000 29	5 00 00	97 03 1	093 85	0 0 9 0 4	9 5 × 87	000 21	6 00 00	97 03 1	087 57	0 0 9 0 4	9 6 × 48	+ 7	+ 3	0	0	1.8	4
	Nokkundi	000 44	2 11 02	99 03 1	066 87	0 0 9 0 1	9 0 × 89	000 37	5 02 02	99 03 1	105 65	0 0 9 0 1	- - - 59	-	—	0	—	0.9	2
	Kalat †	000 40	3 31 05	98 03 1	091 71	0 0 9 0 4	8 4 0 78	000 31	0 18 05	98 00 0	000 47	0 0 9 0 0	- - - 39	+13	+ 7	0	0	9.7	7
	Turbat							000 47	0 07 02	96 00 0	145 70	0 0 9 0 0	- - - 64			0	—	1.4	—
	Panjgur *							000 16	0 36 03	97 00 0	003 52	0 0 9 0 0	- - - 46		- 2	0	—	3.2	5
	Las Bela	000 68	0 22 02	99 00 0	084 95	0 0 0 0 0	- - - 00	000 62	0 00 00	98 00 0	141 72	0 0 9 0 0	- - - 61	-	—	0	—	1.7	8
	Ormara	000 62	0 27 05	97 00 0	102 80	0 0 9 0 0	- - - 80	000 59	0 27 09	96 00 0	132 76	0 0 9 0 0	- - - 69	—		0	0	3.1	6
	Pasni	000 60	0 23 09	98 00 0	108 82	0 0 9 0 0	- - - 88	000 66	0 27 03	96 00 0	138 68	0 0 9 0 0	- - - 61	+ 1	- 2	0	0	4 9	6
	Jiwani																		4
SIND	Reti	000 44	0 27 03	96 00 0	102 97	0 0 9 0 0	- - - 97	000 41	0 09 02	96 00 0	172 66	0 0 9 0 0	- - - 58	—		0	—	2.2	—
	Jacobabad	000 42	6 00 00	96 03 1	090 90	0 0 9 0 8	- - - 93	000 43	1 09 02	96 03 1	125 63	0 0 9 0 1	- - - 60	+ 4	+ 5	0	0	0.7	4
	Sukkur	000 56	4 13 ××	96 10 2	087 90	5 6 × 96	5 6 × 96	000 49	3 18 ××	96 10 2	118 62	0 0 9 0 8	4 × × 59			0	—	1 0	4
	Padidan	000 42	0 00 00	98 00 0	089 94	0 0 9 0 0	- - - 96	000 54	1 00 00	98 01 1	123 62	0 0 9 0 1	- - - 55	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 73	0 25 09	98 00 0	104 82	0 0 9 0 0	- - - 85	000 78	3 00 00	98 02 1	136 76	2 6 4 0 0	- - - 72	- 2	+ 3	0	- 0 1	1.6	3
	Karachi (*A. P.*)	000 58	0 24 12	97 00 0	104 86	0 0 9 0 0	- - - 92	000 62	0 00 00	96 03 1	140 67	6 5 5 0 0	- - - 64		—	0	—	5.0	—
	Badin	000 45	0 27 05	97 00 0	104 93	0 0 9 0 0	- - - 98							+ 5					9
	Nagarparkar																		—
	Olthor (*Umarkot*)	000 79	0 23 05	97 00 0	099 94	0 0 9 0 0	- - - 99	000 69	0 23 09	97 00 4	132 69	0 0 9 0 0	- - - 62	—	—	0	—	2.3	—
	Hyderabad	000 44	0 25 03	97 00 0	088 93	0 0 9 0 0	- - - 93	000 65	0 23 05	96 00 0	129 69	0 0 9 0 0	- - - 67	+ 7	+ 5	0	0	2.0	—
Junagadh	Veraval																		20
Afghanistan	Kabul							000 31	3 02 02	98 02 1	020 46	0 0 9 4 7	- - - 43		—	0	—	10.6	12
	Jalalabad																		—
	Kandahar	000 56	1 00 00	98 01 1	059 76	0 0 9 0 9	- - - 85	000 37	1 00 00	97 01 1	072 42	0 0 9 0 2	- - - 35	—	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 10TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_M T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_s D_M T_x T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall Since 1st Nov. '51 to date	Departure from normal	Since 1st Jan. '51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12
Arabia	Muscat	—	—	—	—	—	—	000 60	0 81 02	96 00 0	150 81	0 0 9 0 0	- - - xx	—	—	0	—	3 2	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 xx	1 86 14	97 00 0	151 77	0 0 9 0 0	- - - 77	000 xx	0 81 12	97 00 0	146 64	0 0 9 0 0	- - - 60	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,690-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rain fall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ spp	S $N_s C h_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jehangir	63 170	649 06	3 03 11	99 92 0	135 84	11 × 01	2 3 310	8 1 2××	0 01 78	1 04 21
Ja arutna	63 215	724 06	0 01 02	98 02 0	142 86	00 9 00	—		—	—
Raki	63 089	644 18	8 06 06	98 03 1	071 82	22 6 7×	6 5 108	7 5 120	—	1 02 32
Dwarka	63 224	638 12	0 36 06	98 92 0	115 80	00 9 00	7 5 411		0 02 76	—
Cuptourane	63 108	580 24	8 01 10	98 02 2	109 81	9× × 1×	2 4 602	0 5 2××	—	—
Rizwani	63 202	695 12	0 02 05	99 02 0	126 85	00 9 00	—		—	—
Jalaganga	63 172	659 12	2 05 07	99 01 0	105 84	21 6 02	2 8 390	8 2 130	0 01 83	1 06 22
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	008 26	204 60	000 31	261 86	854 97	205 19	700 40	145 63
		509 45	514 94	302 23	779 94	500 00	339 00	285 17	

STATION	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi																

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	15 04	17 02	26 04	27 05	28 06	29 06	—			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chhur	23 07	21 06	21 08	20 10	15 10	07 06	28 10	27 18	29 03	—	—	—	—	—	—	—	23 20	23 26	23 26	23 24	21 19	21 06	—	—
Chittagong	30 07	30 03	32 07	04 04	26 04	—	—	—	—	—	36 09	36 08	36 05	16 09	—	—	36 03	36 07	35 07	17 03	19 20	22 12	21 03	—
Cox's Bazar	34 12	36 09	03 03	21 09	20 14	24 13	27 27	29 34	—	—	10 17	36 17	01 13	16 09	20 19	—	02 19	10 10	01 03	18 17	17 16	24 15	31 05	33 23
Dacca	05 02	01 01	31 01	28 02	31 07	28 19	29 14	29 27	—	—	03 10	02 1	02 14	35 13	33 14	—	35 07	35 13	36 12	35 12	01 11	17 06	15 11	16 08
Dalbandin	—	—	09 00	17 03	19 07	24 09	26 17	25 29	—	—	—	—	15 03	22 10	33 12	—	—		15 06	20 13	19 17	20 21	35 24	25 35
Drosh		—			04 08	01 17	03 03	08 02	—	—	—		—	08 01	11 01	21 06	—	—	—		08 07	18 06		—
Fort Sandeman			—	25 04	12 02	24 12		—	—	—	—	—	—	07 04	22 05	20 06	—			05 02	04 05	20 18	22 21	24 29
Jacobabad	18 10	19 04	20 07	24 03	23 06	26 10	35 17	26 24	26 35	27 44	06 03	21 03	21 06	21 13	24 06	27 05	05 07	18 05	17 07	17 07	23 10	17 12	21 15	—
Jhelum	21 04	24 03	24 05	28 13	29 17	32 10	—	—	—	—	01 03	17 05	20 04	27 03	21 08	27 03	06 02	13 07	14 08	17 06	24 05	33 06	27 06	29 26
Jiwani															—								—	—
Karachi	27 17	30 14	30 12	28 09	27 07	17 02	27 09	27 17	27 26	28 31	26 17	26 21	27 21	29 15	33 11	33 06	27 17	26 19	—	—	—	—	—	—
Khanpur	23 12	22 15	24 13	25 14	23 11	26 10	28 27	—	—	—	23 15	25 20	23 17	32 11	35 03	36 00	—	—	—	—	—	—	—	—
Lahore	31 02	26 05	28 09	28 13	28 15	32 13	30 18	22 48	—	—	14 04	21 02	23 02	27 00	26 06	27 08	14 11	15 05	15 05	23 06	21 09	25 09	26 14	29 27
Multan	20 03	21 13	21 12	29 09	26 12	29 21		—	—	—	21 22	21 22	21 18	21 09	25 05	29 03	19 13	20 17	21 17	22 14	18 11	22 07	27 27	26 28
Peshawar		14 04	18 03	29 02	21 10	29 24	30 19	31 41	31 74	—	—	33 08	32 06	11 08	14 08	19 06		—	—	—	—	—	—	—
Quetta					32 04	27 06	27 19	—		—		—	—	—	15 19	23 24	—	—	—	—	16 05	19 18	23 26	—
Bushire						—					—	—									—	—		
Sharjah						—																—		

Cloud Observation Data (iiiGG Cddv, v_r)

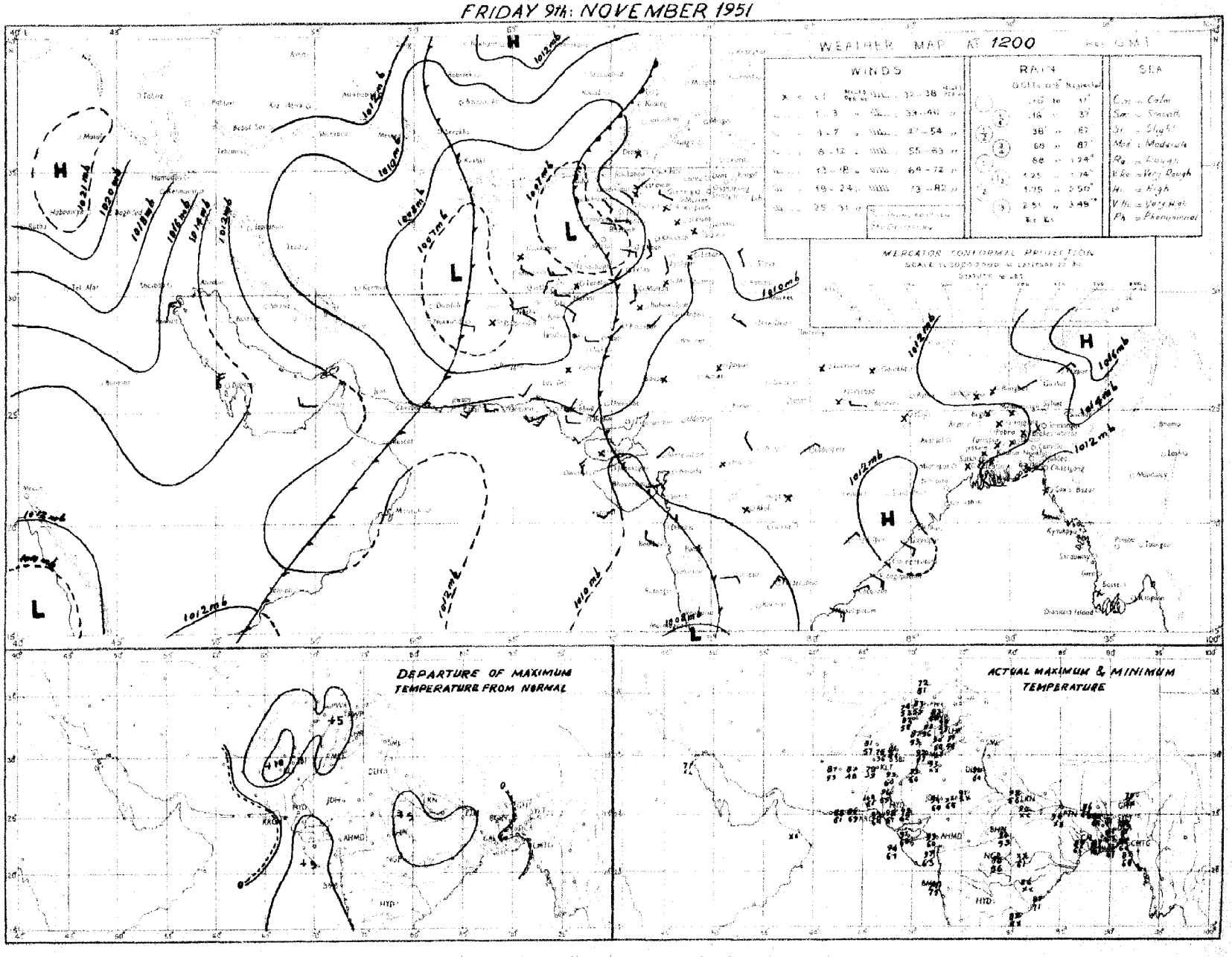
Lahore 64008 128××
Peshawar 53008 13028 429××
Dalbandin 71203 12612
Quetta 66004 126××

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

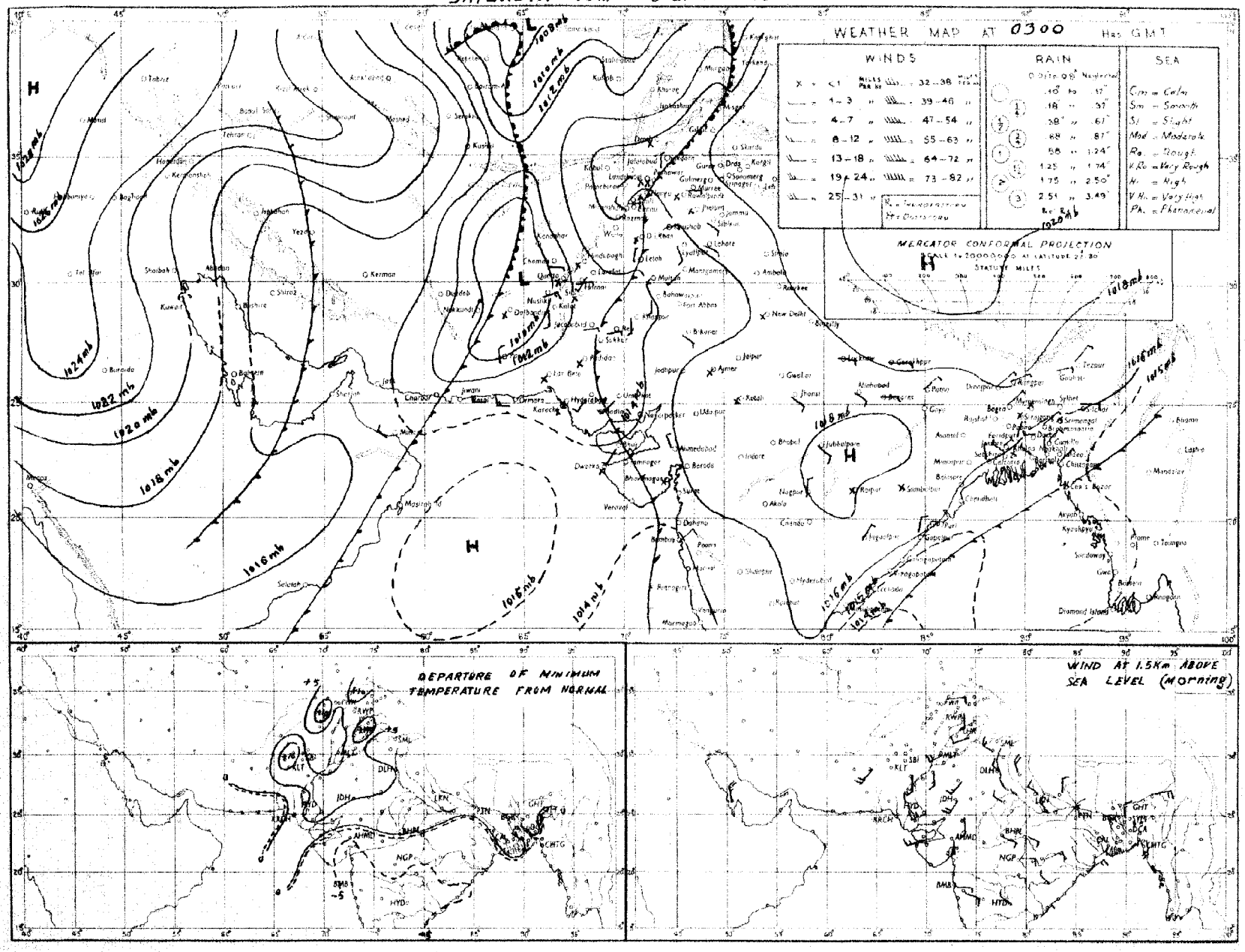
FRIDAY 9th: NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 10th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SUNDAY, THE 11th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance lies over northeast Baluchistan and the adjoining Punjab. It is moving eastnortheastwards.

Pressure gradient over Persian Gulf is becoming less marked.

Data from East Pakistan is lacking. Weather continued to be dry over the country.

Night temperatures were markedly to considerably above normal in West Pakistan.

Forecast valid until the evening of 12th:—Rain/drizzle will be fairly widespread in the North-West Frontier Province, Kashmir and the extreme North Punjab and scattered in northeast Baluchistan and the plains of Punjab. Local duststorms will also occur in Baluchistan.

Karachi-11.
The 11th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$$_hC_MC_H$	W$_1$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$$_hC_MC_H$	W$_1$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 68	0 00 00	94 01 1	117 80	0 0 9 0 0	- - - 87	000 70	0 00 00	97 01 1	145 79	0 0 9 0 0	- - - 66	+ 2	- 2	0.1	- 2.1	121.5	
	Chittagong	000 66	0 31 02	96 00 0	113 78	0 0 9 0 0	0 × × 87	000 71	0 05 02	97 00 0	144 78	0 0 9 0 0	0 × × 69	+ 3	+ 2	0	- 1.3	134.5	140
	Noakhali	000 71	0 36 05	93 40 0	××× 78	0 0 9 0 0	- - - 86	000 66	0 00 00	95 ×× 4	××× 74	0 0 9 0 0	- - - 66	+ 2	- 1	0.6	- 0.4	—	108
	Comilla	000 76	0 00 00	97 00 0	117 80	0 0 9 0 0	- - - 81	000 68	0 00 00	98 00 0	124 78	0 0 9 0 0	- - - 67	- 4	+ 2	0.7	- 0.2	131.9	115
	Brahmanbaria	000 68	0 00 00	×0 00 0	121 80	0 0 9 0 0	- - - 85	000 69	0 00 00	97 00 0	147 74	0 0 9 0 0	- - - 68	—	—	0	- 0.7	65.5	94
	Dacca							000 66	1 00 00	97 01 1	143 78	1 0 8 3 0	9 × × 62	—					78
	Narayanganj	000 66	1 00 00	×× 01 1	××× 78	1 5 5 0 0	4 × × 88	000 67	5 00 00	94 03 1	137 82	5 0 7 4 0	2 × 0 63	+ 3	+ 1	0	- 0.6	88.8	—
	Mymensingh	000 73	0 00 00	99 00 0	128 80	0 0 9 0 0	- - - 84	000 72	0 00 00	98 00 0	150 78	0 0 9 0 0	- - - 69	0	+ 3	2.3	+ 1.7	64.0	74
	Srimangal	000 73	0 00 00	95 00 1	116 75	0 0 9 0 0	- - - 85	000 69	0 00 00	96 00 0	146 75	0 0 9 0 0	- - - 61	- 3	0	0.2	- 0.8	105.4	91
	Khulna	000 66	0 00 00	97 00 0	122 80	0 0 9 0 0	- - - 88	000 67	0 00 00	98 00 0	145 79	0 0 9 0 0	- - - 66	+ 2	+ 1	0	- 0.7	53.4	98
	Satkhira	000 77	3 00 00	97 01 0	127 78	2 5 7 5 0	- - - 86	000 68	3 00 00	97 01 0	148 82	2 5 7 5 0	- - - 64	0	+ 1	0	- 0.5	44.7	68
	Jessore	000 68	0 00 00	97 00 0	120 79	0 0 9 0 0	- - - 86	000 69	0 00 00	97 00 0	148 74	0 0 9 0 0	- - - 62	—		0	- 0.7	45.9	65
	Faridpur	010 69	0 00 00	95 05 0	109 78	0 0 9 0 0	- - - 80	000 68	0 00 00	96 05 0	149 79	0 0 9 0 0	- - - 65	- 3	0	0.5	- 0.2	56.0	65
	Barisal	000 64	0 00 00	96 05 1	116 79	0 0 9 0 0	- - - 84	000 63	0 00 00	97 05 0	144 76	0 0 9 0 0	- - - 66	0	0	0.4	- 0.6	73.9	71
	Pabna																		81
	Rampu Boalia																		59
	Sirajganj	000 67	0 00 00	×× 00 0	122 77	0 0 0 0 0	- - - 88	000 67	1 00 00	98 02 1	148 78	1 6 2 0 0	- - - 67	0	—	1.3	+ 0.9	67.2	56
	Bogra	000 72	0 00 00	96 00 0	122 79	0 0 9 0 0	- - - 84	000 69	2 05 02	96 01 0	150 73	0 0 9 4 0	- - - 64	+ 1	+ 1	1.2	+ 0.5	46.2	64
	Dinajpur	000 65	0 00 00	×× 00 0	145 76	0 0 9 0 0	- - - 85	000 64	0 05 02	97 00 0	161 74	0 0 9 0 0	- - - 64	+ 1	+ 2	"	- 0.1	48.6	69
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - —	000 ××	0 09 05	98 02 1	— —	0 0 9 0 0	- - - —		—	0.3	+ 0.1	79.5	72
KASHMIR	Srinagar †																		84
	Gulmerg †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Allahabad																		—
PUNJAB	Lyallpur	000 54	6 11 02	96 02 0	122 81	0 0 0 2 0	- - - 89	000 44	4 13 04	96 01 0	124 64	0 0 9 0 5	0 3 0 63	+ 5	+14	0	0	10.2	—
	Lahore	000 63	7 00 00	96 03 2	129 81	0 0 9 0 6	4 6 × 90	000 53	8 11 03	96 03 2	141 65	0 0 9 1 6	9 6 5 61	+ 4	+14	0	0	14.7	12
	Sialkot	000 72	6 00 00	97 03 1	123 82	6 0 8 6 0	- - - 91	000 51	5 05 02	97 03 1	145 69	5 0 8 6 0	- - - 65	+ 7	+15	0	0	18.7	19
	Jhelum	000 52	8 00 00	96 03 1	136 86	0 0 9 5 6	- - - 86	000 53	8 00 00	96 02 1	148 02	0 0 9 7 0	- - - 59	—		0		26.8	32
	Rawalpindi	000 50	6 00 00	97 02 1	144 75	0 0 9 3 0	- - - 85	000 49	6 00 00	97 01 1	149 63	2 5 7 3 0	- - - 54	+ 5	+10	0	- 0.1	25.7	—
	Murree †	000 38	6 13 03	97 02 1	002 55	6 5 5 0 0	9 × × 65	000 34	6 13 03	97 02 1	986 50	6 5 5 0 0	9 × × 48	+ 6	+ 6	0	- 0.2	45.1	36
	Attock	××× ××	7 00 00	96 00 0	— —	0 0 9 5 7	- - - —	××× ××	7 23 02	96 00 2	— —	0 0 9 0 9	7 0 × —			—	—	—	59
	Khushab	000 59	8 07 05	97 03 2	121 82	8 0 8 2 0	- - - 85	000 55	8 11 05	98 01 2	129 66	8 0 8 3 0	- - - 60	0	+ 9	0	0	8.0	—
	Montgomery	000 63	7 13 02	96 01 1	119 82	0 0 9 0 5	9 0 × 93	000 45	× 23 03	96 01 1	130 65	0 0 9 0 5	9 0 × 59	+ 6	+ 7	0	0	6.1	15
	Leiah	000 68	0 31 02	97 00 0	118 80	0 0 9 0 0	- - - 93	000 58	3 00 00	97 02 1	119 64	0 0 9 0 2	- - - 59			0	—	6.6	10
	Multan	000 54	6 00 00	97 01 1	115 85	0 0 9 3 0	9 9 0 92	000 45	8 27 02	95 02 1	127 65	0 0 9 7 0	9 9 0 58	+ 6	+ 8	0	0	6.9	8
	Khanpur	000 57	0 36 02	95 05 0	100 69	0 0 9 0 0	3 0 0 95	000 54	0 23 03	95 05 0	130 66	0 0 9 0 0	- - - 55	+ 6	+ 4	0	0	1.9	7
	Bahawalpur	000 59	0 23 02	97 00 0	106 90	0 0 9 0 0	9 9 × 93	000 44	0 18 02	97 00 0	124 62	0 0 9 0 0	- - - 56	+ 6	+ 5	0	0	4.5	8
	Fort Abbas	000 81	0 23 03	96 00 0	××× ××	0 0 9 3 0	- - - 94	000 51	0 13 02	96 00 0	131 71	0 0 9 0 0	- - - ××			0	—	3.7	6
N. W. F. P.	Dirsh *	000 20	3 00 00	98 02 2	001 72	0 0 9 4 0	- - - 75	000 30	3 00 00	98 03 2	007 57	3 6 6 2 -	- - - 52	+ 8	+ 8	0	—	2.3	8
	Chakdara	000 50	6 27 05	99 03 1	125 78	6 5 6 0 0	2 × × 83	000 45	4 20 03	98 03 0	154 55	4 5 6 0 0	1 × × 53			0	—	20.3	18
	Cherat *	000 36	7 18 07	96 03 1	017 68	0 0 9 5 0	2 × 6 73	000 39	7 18 07	97 02 2	044 61	0 0 9 8 0	3 × 0 59	+ 4	+ 9	0	- 0.1	28.9	—
	Peshawar	000 51	7 31 02	96 02 1	131 76	0 0 9 7 1	- - - 81	000 51	7 00 00	96 03 2	138 61	0 0 9 5 0	- - - 57	+ 2	+ 8	0	0	9.1	29
	Parachinar	000 28	5 13 02	97 02 2	997 68	2 3 7 6 0	5 × 7 71	000 35	3 00 00	99 01 1	974 49	1 1 8 6 3	2 0 0 47	+ 4	+ 7	0	-	28.5	14
	Miranshah	000 31	8 11 03	98 03 1	006 75	8 5 6 5 0	- - - 79	000 45	0 00 00	99 00 0	002 57	0 0 9 0 0	- - - 54	—	—	0	0	10.5	29
	Bannu	000 52	6 18 02	99 03 1	130 78	6 3 8 0 0	- - - 85	000 47	0 31 02	99 00 0	142 69	0 0 9 0 0	- - - 59	—	—	0		5.9	13
	D. I. Khan	000 57	8 00 00	95 03 0	116 77	× × × × ×	0 × 5 85	000 49	0 00 00	96 00 0	125 61	0 0 9 0 0	- - - 52	0	+ 3	0	0	2.8	11
	Wana																		9
	Landikotal	000 48	8 13 05	98 02 2	001 70	8 5 6 - -	- - - 76	000 47	6 05 03	99 02 1	987 62	6 5 6 0 0	- - - 52		-	0	—	12 0	11
	Hangu	×× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—		—
	Thull	××× ××	8 18 09	99 01 1	— -	0 0 9 2 1	- - - —	××× ××	3 36 09	99 03 1	— —	2 8 7 1 0	- - - —	—	—	—	—		—
BALUCHISTAN	Fort Sandeman*	000 20	8 36 02	95 02 1	992 70	2 6 6 5 0	7 × × 73	000 31	6 09 02	95 02 1	014 55	2 7 7 5 0	9 × × 52	- 2	+10	0	0	10.0	—
	Hindubagh	000 33	6 06 05	97 03 1	951 68	6 7 8 0 0	7 × × 70	000 27	2 23 18	97 01 1	987 54	2 1 8 0 0	3 × × 47			0	—	9.0	11
	Loralai	000 39	5 18 02	96 03 1	977 70	0 0 9 2 -	- - - 75	000 34	6 27 05	96 03 1	045 52	0 0 9 1 0	- - - 45	—	-	0	—	8.5	—
	Khuzdar (a)	000 ××	2 27 02	94 01 0	— —	2 0 8 2 0	- - - —	000 ××	3 27 05	94 01 1	— —	3 0 8 2 0	- - - —	—	—	0	- 0.1	10.6	—
	Sibi	000 83	3 23 05	98 01 1	036 90	0 0 9 0 1	8 5 × 93	000 41	6 00 00	98 03 0	127 64	0 0 9 7 0	1 × 5 59	—	—	0	—	3.8	14
	Quetta †	000 53	5 20 10	99 02 2	960 70	0 0 9 0 3	8 0 × 76	000 40	4 20 02	98 01 2	985 51	0 0 9 3 9	9 9 0 47	—	—	0	0	9.1	5
	Chaman	000 33	0 13 02	97 00 0	666 74	0 0 9 0 0	- - - 79	000 35	6 20 02	97 03 1	044 53	0 0 9 2 0	2 × 9 52	+ 8	+ 9	0	0	9.6	9
	Nushki	000 40	5 23 10	97 01 1	044 83	0 0 9 0 1	9 × 0 85	000 34	9 34 07	94 05 4	005 56	9 - 0 - -	9 × × 55		—	0	—	5.4	8
	Dalbandin *	000 37	3 23 02	96 02 1	966 85	0 0 9 3 7	9 9 × 87	000 24	9 36 07	94 07 1	041 65	0 0 9 0 0	9 × × 56	+ 7	+14	0	0	1.8	—
	Nokkundi	000 66	5 00 00	99 03 1	044 89	0 0 9 0 1	9 9 × 91	000 37	3 34 05	96 03 1	168 65	0 0 9 0 5	9 0 2 65	—	-	0	—	0.9	4
	Kalat †	000 44	3 18 09	98 05 1	979 69	0 0 9 0 4	9 4 0 74	000 38	3 31 04	98 03 1	014 48	3 0 9 0 5	3 4 0 42	+ 9	+12	0	0	0.7	2
	Turbat	000 51	0 23 03	92 07 0	099 89	0 0 9 0 0	- - - 92	000 33	0 04 03	92 07 4	157 78	0 0 9 0 0	- - - 69	—		0	—	1.4	7
	Panjgur *	000 24	0 23 05	97 00 0	974 80	0 0 9 0 0	- - - 81	000 30	0 27 16	94 05 0	060 55	0 0 9 0 0	- - - 48	—	—	0	—	3.2	—
	Las Bela	000 75	0 22 36	99 00 0	096 89	0 0 9 0 0	- - - 95	000 70	0 00 00	99 00 0	137 79	0 0 9 0 0	- - - 61	—	—	0	—	1.7	5
	Ormara	000 61	0 27 09	96 00 0	100 82	0 0 9 0 0	- - - 82	000 69	0 27 09	96 00 0	130 77	0 0 9 0 0	- - - 77	—	—	0	0	8.1	8
	Pasni	000 70	0 23 12	96 00 0	106 82	0 0 9 0 0	- - - 86	000 69	0 31 05	96 00 0	141 71	0 0 9 0 0	- - - 69	- 1	—	0	0	4 9	6
	Jiwani																		6
																			4
SIND	Keti	000 48	0 18 05	96 00 0	120 92	0 0 9 0 0	- - - 93	000 41	9 09 02	96 00 0	138 64	0 0 9 0 0	- - - 62	—		0	—	2.2	—
	Jacobabad	000 42	0 18 07	97 00 0	092 89	0 0 0 0 0	- - - 92	000 44	2 00 00	96 03 1	130 63	0 0 9 0 1	- - - 59	+ 3	+ 5	0	0	0.7	—
	Sukkur	000 99	0 00 00	96 00 1	088 90	0 0 9 0 0	4 × × 92	000 52	0 13 ××	96 00 0	120 64	0 0 9 0 0	- - - 61			0	—	1.0	4
	Padidan	000 42	0 00 00	98 00 0	091 90	0 0 9 0 0	- - - 93	000 58	0 00 00	98 00 0	121 60	0 0 9 0 0	- - - 53	—	—	0	—	0.9	—
	Karachi (Mauripur)	000 73	0 25 09	99 00 0	108 82	0 0 9 0 0	× 0 1 85	000 71	0 27 05	96 00 0	137 77	0 0 9 0 0	- - - 75	- 2	+ 8	0	- 0 1	1.6	3
	Karachi (A. P.)	000 68	0 25 14	97 00 1	108 88	0 0 9 0 0	- - - 86	000 68	6 27 07	96 00 0	138 76	0 0 9 0 0	- - - 67	—	—	0	-	3.0	—
	Badin	000 77	0 28 09	97 00 0	095 90	0 0 9 0 0	- - - 96							—					9
	Nagarparkar																		
	Chhor (Umarkot)	000 77	0 23 09	97 00 0	095 90	0 0 9 0 0	- - - 96	000 69	0 23 07	97 00 4	138 72	0 0 9 0 0	- - - 65	—	—	0	—	2.3	—
	Hyderabad	000 54	0 23 05	97 00 0	111 91	0 0 9 0 0	- - - 94	000 69	0 23 03	97 00 0	131 71	0 0 9 0 0	- - - 68	+ 8	+ 7	0	0	2.0	—
Jonagarh	Veraval																		20
Afghanistan	Kabul	000 33	6 02 05	98 02 1	007 62	1 8 8 1 1	- - - 68							—					
	Jalalabad	000 52	6 00 00	98 02 1	008 79	0 0 9 5 6	4 × 9 83	000 37	5 20 02	96 02 1	011 62	0 0 9 8 0	9 × 9 54	—	—	0	—	7.0	12
	Kandahar																		—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 11TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_s D_M T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Average Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.
Arabia	Muscat	—	000 65	0 31 09	99 00 0	119 85	0 0 9 0 0	000 72	0 31 13	96 00 0	157 82	0 0 9 0 0	— — — ××	+ 1	—	0	—	3 2	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 ××	0 34 14	97 00 0	198 70	0 0 9 0 0	— — — 70	—	—	—	—	—	—	—	—	—	—	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rain fall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1 d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cian Chattan	73 127	707 12	8 27 05	99 02 2	096 86	21 5 3×	6 5 300	—	0 01 80	1 07 ××
Tectur	73 205	582 12	1 27 88	99 02 9	123 85	00 9 01	3 5 613		0 02 70	1 27 ×1
Jehangir	73 188	697 12	1 02 08	99 01 0	107 86	×× × ××	2 3 300	8 1 130	0 03 79	1 06 22
Kampala	73 136	719 18	1 00 00	98 02 0	150 84	00 9 50	5 5 300	—	0 00 77	1 49 ×1
Captourane	73 100	622 24	8 06 12	98 01 2	086 28	38 4 46	2 4 812	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	n1h1P1P1P1	T1T1Td1Td1Tx1 etc.
	2	3	4	5	6	7	8	9	10	11
Karachi	780 14	009 26	203 60	000 33	251 99	854 99	227 21	700 39	159 91	509 39

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	539 91	302 03	789 99	555 55	349 00	235 34	678 00	189 94	847 52	149 97	466 00	069 94	514 00	639 91	843 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hn—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡										At 2100 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ — Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	01 03	01 06	05 04	06 10	03 03	17 11	26 11	—	—	—	06 02	09 06	09 06	11 04	07 03	—	11 04	10 06	10 06	10 07	11 16	11 18	23 08	—
Chhor	22 11	22 17	22 19	23 23	22 15	—	—	—	—	—	—	—	—	—	—	—	24 18	25 21	24 22	23 18	—	—	—	—
Chittagong	35 06	03 05	11 06	10 15	17 19	25 06	32 02	—	—	—	05 10	06 08	18 06	17 21	19 17	18 16	18 05	17 04	18 09	17 12	19 12	16 11	—	—
Cox's Bazar	32 10	03 05	10 06	16 10	—	—	—	—	—	—	—	—	—	—	—	—	07 04	18 04	16 09	17 15	19 18	16 12	17 06	—
Dacca	33 06	34 05	32 01	06 05	13 02	17 06	30 05	—	—	—	02 00	06 00	13 02	03 02	—	—	—	—	—	—	—	—	—	—
Dalbandin	—		20 06	17 15	21 12	27 15	25 34	24 35	—	—	—	—	25 02	34 12	28 10	28 05	—	—	36 13	35 01	33 06	28 13	—	—
Drosh	—	17 16	—	17 20	—	—	—	—	—	—	—	—	—	14 01	19 05	21 12	—	—	—	—	19 10	20 19	—	—
Fort Sandeman	—		—	01 08	25 07	14 11	—	—	—	—	—	—	—	16 03	20 04	25 20	—	—	—	26 02	21 09	26 22	27 22	—
Jacobabad	11 05	09 05	10 05	23 02	21 05	21 13	26 24	25 33	26 44	26 55	09 11	10 12	12 05	25 07	19 02	31 05	06 07	07 09	06 07	03 04	33 04	29 12	24 23	—
Jhelam	13 06	13 08	13 09	16 07	18 07	24 06	25 11	27 32	26 43	—	03 05	13 01	15 07	17 04	22 06	19 11	06 05	14 08	14 11	15 09	19 06	23 09	21 21	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	27 15	29 16	30 20	30 22	28 12	22 09	24 21	24 23	26 24	25 32	27 18	27 22	28 29	27 29	26 27	25 19	28 25	28 29	28 28	31 15	25 19	34 14	24 25	—
Khanpur	15 03	18 08	19 11	18 07	19 12	19 16	24 19	—	—	—	21 12	21 16	21 12	21 09	23 14	23 17	22 10	22 17	21 17	20 10	29 10	29 18	23 29	25 47
Lahore	14 04	14 08	18 07	17 03	21 06	24 06	—	—	—	—	12 10	12 12	15 15	23 04	24 07	23 09	15 10	15 15	16 12	16 07	17 04	25 07	22 20	—
Multan	23 04	21 10	20 19	18 25	—	—	—	—	—	—	03 06	14 02	19 12	20 13	30 14	21 21	18 11	20 12	20 12	20 17	22 07	29 14	24 30	—
Peshawar		10 07	10 04	14 06	14 09	16 10	22 23	24 35	25 46	25 58	—	26 01	18 02	17 10	14 12	19 14	—	34 04	10 01	16 09	17 12	18 19	18 24	—
Quetta					18 09	16 21	20 28	23 43		—	—	—	—	—	31 04	—	—	—	—	—	25 04	30 41	—	—
Bushire						—									—						—	—		—
Sharjah						—																—		—

Cloud Observation Data (iiiGG Cddv, v_r)

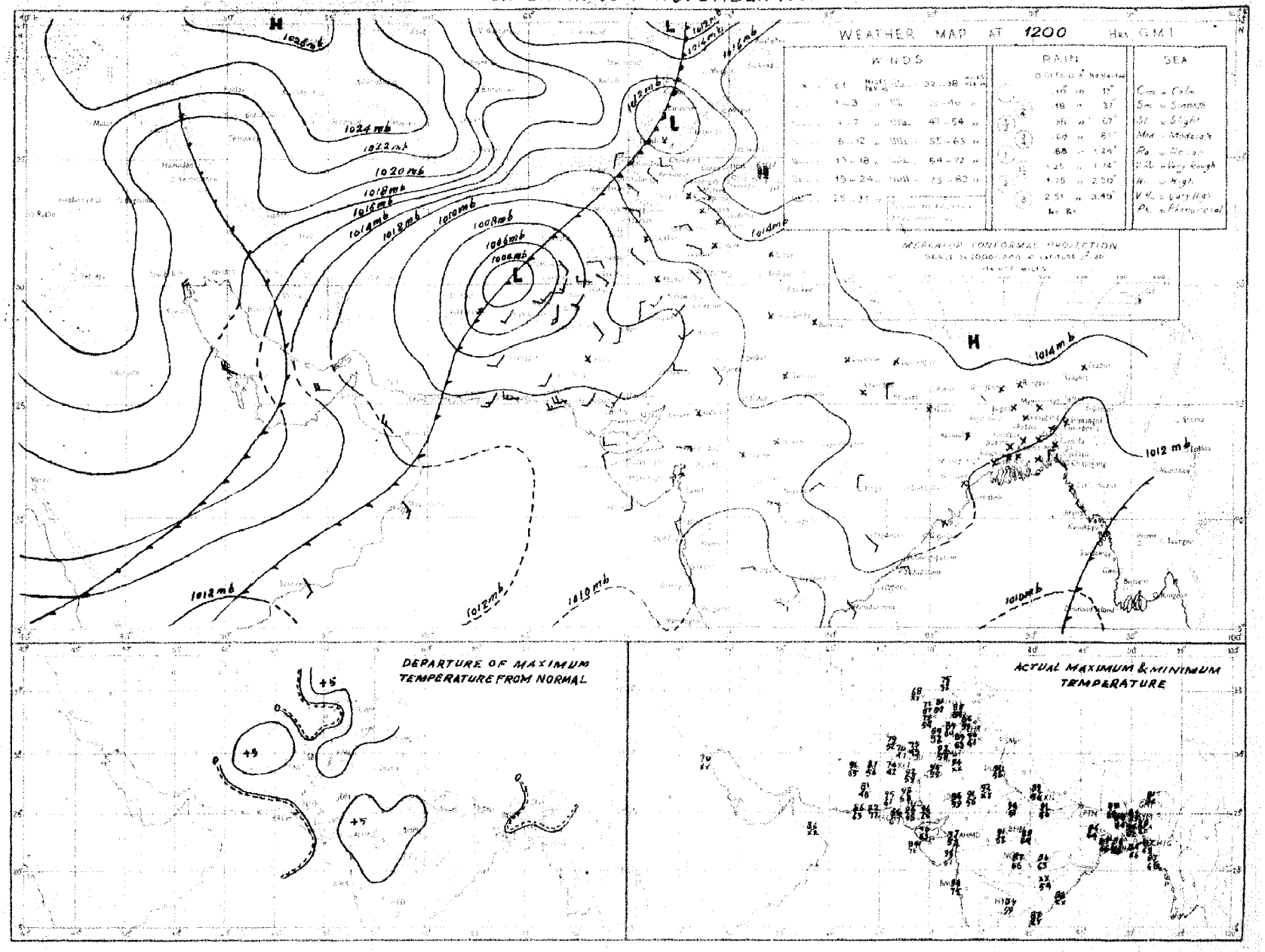
Lahore 64002 521×× Quetta 66008 12672

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

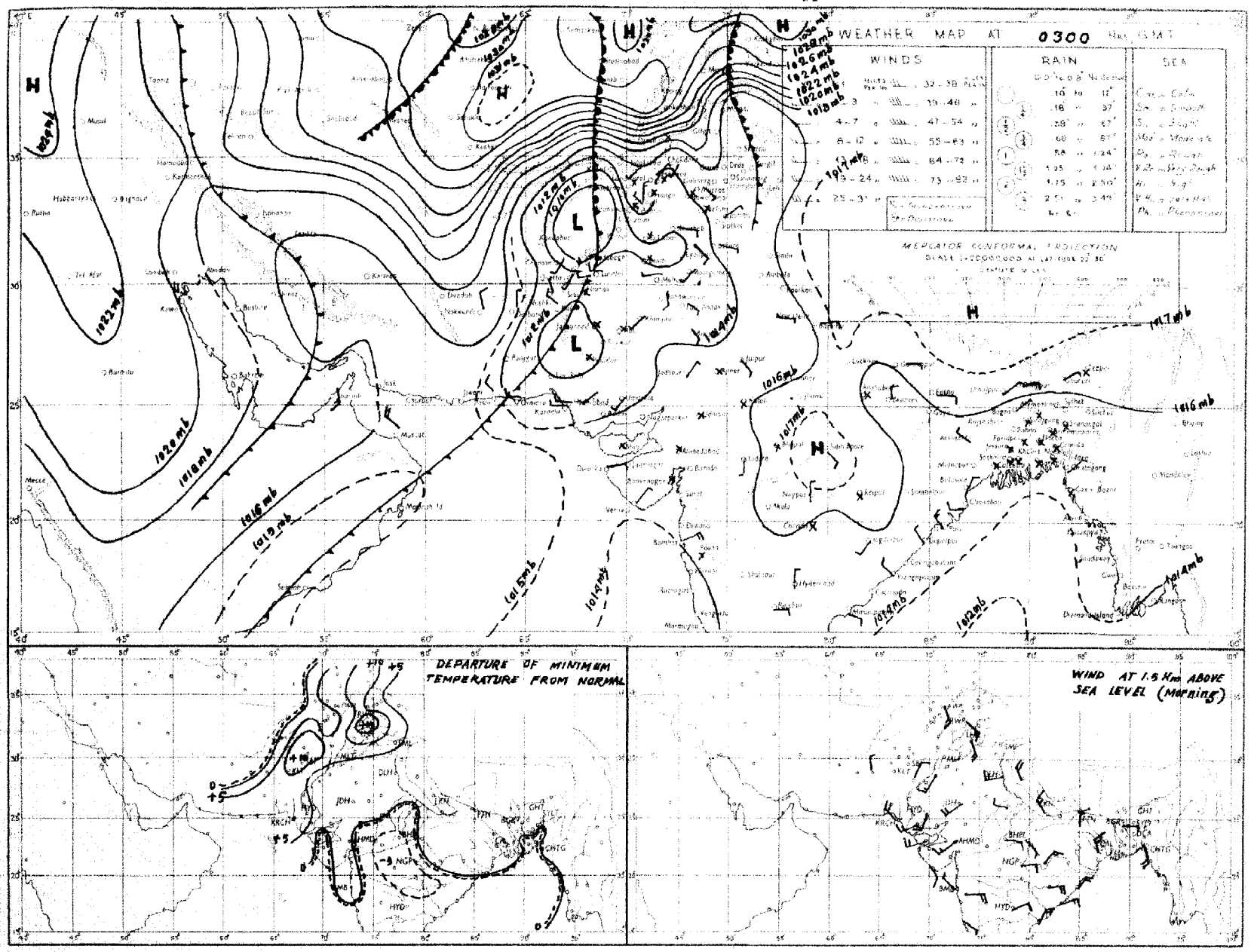
PAKISTAN DAILY WEATHER MAP

SATURDAY 10th: NOVEMBER 1951



PAKISTAN DAILY WEATHER MAP

SUNDAY 11th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR MONDAY, THE 12th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance over Northeast Baluchistan is now moving eastnortheastwards across Kashmir and adjoining areas of West Pakistan. Its secondary lies over East Punjab and north Rajputana.

Fairly widespread rain/thundershowers have occurred in the North-West Frontier Province and scattered in the extreme North Punjab. Duststorm/dustraising winds have been local in Baluchistan and scattered in the South Punjab.

Chief amounts of rainfall are :—Drosh ½" Parachinar and Chakdara ¾" each.

Night temperatures were markedly to considerably above normal in the Punjab and Sind and markedly below normal in West Baluchistan.

Forecast valid until morning of 13th :—Local thunderstorms/showers will occur in the upper North-West Frontier Province, Kashmir and the adjoining Punjab. There will be marked to considerable fall in night temperatures in Sind, the North-West Frontier Province, and the Punjab.

Karachi-11.
The 12th November, 1951

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		BBBTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	BBBTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	TxTx	TnTn	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 68	0 00 00	94 01 1	120 79	0 0 9 0 0	- - - 88	000 71	0 00 00	97 01 1	136 81	0 0 9 0 0	- - - 67	+ 3	- 1	0.1	- 2.1	121.5	140
	Chittagong	000 68	0 27 02	96 00 0	109 80	0 0 9 0 0	0 × × 88	000 68	0 00 00	97 00 0	135 79	0 0 9 0 0	- - - 67	+ 4	0	0	- 1.4	134.5	108
	Noakhali	000 71	0 36 05	93 ×× 0	××× 78	0 0 9 0 0	- - - 85	000 69	0 36 02	95 05 0	××× 74	0 0 9 0 0	- - - 66	+ 2	- 1	0 6	- 0 5		115
	Comilla	000 74	0 00 00	97 00 0	118 79	0 0 9 0 0	- - - -	000 69	0 00 00	98 00 0	133 76	0 0 9 0 0	- - - 76	-	+11	0.7	- 0.2	131.9	94
	Brahmanbaria	000 69	0 00 00	×× 00 0	114 83	0 0 9 0 0	- - - 89	000 70	0 00 00	97 00 0	133 -4	0 0 9 0 0	- - - 69	-	-	0	- 0.8	65.5	78
	Dacca	××× 67	3 00 00	×× 02 1	107 78	3 4 6 0 0	9 × × 87	××× 70	0 00 00	95 00 1	133 79	0 0 9 0 0	0 × × 65				-		-
	Narayanganj	000 69	1 00 00	×× 01 1	099 80	1 0 7 2 0	9 × 0 89	000 69	0 27 02	94 00 1	124 77	× × × × ×	0 × × 69	+ 5	+ 2	0	- 0.7	88.8	74
	Mymensingh	000 71	0 00 00	99 00 0	118 81	0 0 9 0 0	- - - 83	000 71	0 04 00	99 00 0	140 80	0 0 9 0 0	- - - 66	0	0	2.3	+ 1.7	64.0	91
	Srimangal	000 71	0 00 00	95 00 1	110 74	0 0 9 0 0	- - - 87	000 69	0 05 02	96 00 1	138 75	0 0 9 0 0	- - - 59	0	- 2	0.2	- 0.8	105.4	98
	Khulna	000 64	0 00 00	97 00 0	113 77	0 0 9 0 0	- - - 88	000 69	0 00 00	98 00 0	144 81	0 0 9 0 0	- - - 67	+ 3	+ 2	0	- 0 7	53.4	68
	Satkhira	000 79	5 00 00	97 03 1	110 80	3 4 7 6 0	- - - 86	000 65	5 00 00	97 03 1	134 75	4 4 7 6 0	- - - 68	+ 1	+ 5	0	- 0.5	44.7	65
	Jessore	000 69	0 00 00	97 00 0	111 78	0 0 9 0 0	- - - 87	000 68	1 00 00	97 01 1	138 74	1 8 6 0 0	- - - 63	-		0	- 0.7	45.9	65
	Faridpur	010 75	2 00 00	95 05 0	110 78	2 4 7 0 0	- - - 87	000 68	1 00 00	96 01 0	138 79	1 4 7 0 0	9 × × 64	+ 5		0.5	- 0.2	56.0	71
	Barisal	000 64	0 00 00	97 00 0	110 79	0 0 9 0 0	- - - 86	000 65	0 00 00	98 00 0	137 75	0 0 9 0 0	- - - 65	+ 3	- 1	0.4	- 0.6	78.9	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 69	1 00 00	×× 02 1	117 78	1 6 3 0 0	- - - 80	000 71	1 00 00	98 01 1	129 78	1 6 1 0 0	- - - 68		-	1.3	+ 0.8	67.2	64
	Bogra	000 64	0 00 00	96 00 0	117 ××	0 0 9 0 0	- - - 80	000 69	3 09 02	97 01 1	140 78	3 8 5 0 0	- - - ××	- 2	-	1.2	+ 0 5	46.2	69
	Dinajpur	000 66	0 00 00	×× 00 0	133 77	0 0 9 0 0	- - - 86	000 70	0 05 02	97 00 0	156 75	0 0 9 0 0	- - - 62	+ 3	0	"	- 0.2	48.6	72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - -	000 ××	0 09 02	95 02 1	— —	0 0 9 0 0	- - - -		-	0.8	+ 0.1	79.5	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 45	6 20 02	96 02 0	074 83	0 0 9 4 0	0 0 8 88	000 52	2 05 05	96 01 0	137 66	0 0 9 2 0	0 0 4 63	+ 6	+14	0	0	10.2	12
	Lahore	000 56	3 00 00	96 03 1	086 83	0 0 9 5 0	6 × 5 89	000 57	0 07 03	96 00 1	150 69	0 0 9 0 0	9 × × 63	+ 5	+16	0	0	14.7	19
	Sialkot	000 49	5 09 02	97 03 1	095 80	2 2 6 4 0	- - - 85	000 52	1 31 02	97 01 1	159 69	0 0 9 0 1	- - - 64	+ 8	+14	0	0	18.7	32
	Jhelum	000 43	7 09 05	96 02 2	093 81	0 0 9 7 0	- - - 83	000 51	5 31 05	96 02 2	158 69	0 0 9 7 0	- - - 62	-		0		26.8	-
	Rawalpindi	000 44	2 13 02	98 01 2	094 74	0 0 9 2 0	- - - 79	000 51	3 27 02	99 01 1	××× 62	3 5 7 0 0	- - - 58	+ 1	+14	0	- 0.1	25.7	36
	Murree †	000 25	5 11 12	97 02 1	061 52	2 5 5 5 0	9 × 3 57	007 34	3 09 09	98 01 9	006 50	3 1 4 0 0	9 × × 41	- 1	+ 1	0.1	- 0.1	45.2	59
	Attock	××× ××	4 13 18	96 07 3	— —	× × × × ×	- - - -	××× ××	3 31 13	96 00 5	— —	0 0 9 0 8	5 0 0 —	-		-	-	-	-
	Khushab	000 60	0 11 05	97 00 0	076 82	0 0 9 0 0	- - - 85	000 58	0 36 05	99 00 0	147 68	0 0 9 0 0	- - - 62	+ 1	+11	0	0	8.0	15
	Montgomery	000 49	0 00 00	97 00 0	070 88	0 0 9 0 0	- - - 95	000 54	0 23 03	96 00 1	134 65	0 0 9 0 0	- - - 58	+10	+ 6	0	0	6.1	10
	Leiah	000 75	0 36 02	97 00 0	061 86	0 0 9 0 0	- - - 90	000 68	0 31 03	96 07 0	162 70	0 0 9 0 0	- - - 63			0	-	6.6	8
	Multan	000 47	4 18 05	97 01 1	074 85	0 0 9 7 0	9 9 0 90	000 48	8 36 09	95 06 3	149 66	0 0 9 2 0	9 9 0 59	+ 6	+ 8	0	0	6.9	7
	Khanpur	000 60	0 23 05	95 05 0	081 78	0 0 9 0 0	- - - 90	000 55	0 36 12	94 07 0	137 69	0 0 9 0 0	- - - 69	+ 3	+18	0	0	1.9	6
	Bahawalpur	000 57	0 00 00	97 00 0	078 87	0 4 9 0 0	- - - 91	000 59	0 36 03	97 00 0	126 60	0 0 9 0 0	- - - 58	+ 6	+ 7	0	0	4.5	6
	Fort Abbas	000 77	0 23 03	96 00 0	079 88	0 0 9 0 0	- - - 91	000 57	0 13 02	96 20 0	115 71	0 0 9 0 0	- - - ××			0	—	3.7	8
N. W. F. P.	Drosh *	001 38	8 00 00	96 02 6	997 54	8 7 4 - -	5 × × 63	062 38	8 00 00	96 03 6	105 43	5 7 5 2 -	9 × × 40	- 2	- 4	0.6	-	2.9	
	Chakdara	000 49	7 36 03	98 03 1	083 69	× 7 5 6 0	4 × × 72	033 75	2 34 02	98 01 1	204 55	2 5 6 0 0	- - - 51		-	0.8	-	20.6	18
	Cherat *	000 28	3 18 16	97 01 1	960 67	2 4 6 8 0	2 0 8 70	005 42	0 36 26	98 00 0	045 51	0 0 9 0 0	0 6 × 48	+ 3	- 2	0.1	- 0.1	28.9	-
	Peshawar	000 49	6 00 00	96 03 1	073 78	5 9 7 2 0	- - - 82	005 53	1 11 03	97 02 9	200 59	0 0 9 3 0	9 × × 55	+ 5	+ 6	0 1	0	9.2	29
	Parachinar	008 32	7 05 02	96 02 9	965 55	2 2 5 6 0	3 × 7 65	029 35	6 31 02	99 01 9	004 45	2 1 7 6 5	9 0 0 41	- 1	+ 1	0.2	-	28.7	14
	Miranshah	000 34	4 07 08	98 02 1	952 72	4 0 8 6 0	- - - 75	000 35	5 00 00	98 02 1	031 55	5 0 8 6 3	- - - 55	-	-	0	0	10.5	29
	Bannu	000 40	6 13 08	99 02 1	076 78	0 0 9 5 0	- - - 82	000 46	0 07 03	99 00 0	191 60	0 0 9 0 0	- - - 57	-	-	0		5.9	12
	D. I. Khan	000 43	0 00 00	98 00 0	073 81	0 0 9 0 0	- - - 82	000 44	0 00 00	98 00 0	167 68	0 0 9 0 0	- - - 52	- 1	+ 8	0	0	2.8	11
	Wana																		9
	Landikotal	000 51	7 18 03	97 17 9	952 67	7 8 6 0 0	- - - 72	003 46	1 31 03	99 02 9	093 54	1 1 6 0 0	- - - 50		-	Tr.	-	12 0	11
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	-	-	-	-		-
	Thull	××× ××	2 18 09	99 01 1	— —	1 8 7 1 0	- - - -	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - -	-	-	—	-	—	-
BALUCHISTAN	Fort Sandeman *	000 25	0 27 10	95 07 3	967 69	0 0 9 0 0	3 × × 77	000 15	0 00 00	93 06 4	052 51	0 0 9 0 0	1 × × 46	+ 4	+ 4	0	0	10.0	11
	Hindubagh	000 21	0 31 37	96 07 3	964 56	0 0 9 0 0	- - - 63	000 17	0 00 00	98 00 0	011 41	0 0 9 0 0	- - - 30		-	0	-	9.0	-
	Loralai	000 31	0 27 09	94 05 4	969 68	0 0 9 0 0	6 × × 75	000 23	0 27 05	95 00 4	040 47	0 0 9 0 0	- - - 42	-	-	0	-	8.5	-
	Harnai (a)	000 ××	4 27 13	93 07 1	— —	0 0 7 4 0	- - - -	000 ××	0 36 09	95 00 0	—	0 0 9 0 0	- - - -		-	0	- 0 1	10.6	14
	Sibi	000 25	0 31 18	95 07 0	081 89	0 0 9 0 0	- - - 92	000 37	0 00 00	98 00 0	138 61	0 0 9 0 0	- - - 55	-	-	0	-	3.8	5
	Quetta †	000 38	0 34 07	97 06 0	977 55	0 0 9 0 0	- - - 62	000 32	0 16 02	97 10 4	980 4·	0 0 9 0 0	9 × × 27			0	0	9.8	9
	Chaman	000 31	0 23 08	97 00 0	021 60	0 0 9 0 0	- - - 62	000 21	0 09 02	97 00 0	059 42	0 0 9 0 0	- - - 38	- 7	- 5	0	0	9.6	8
	Nushki	000 34	9 00 00	95 05 4	080 66	9 - 0 - -	9 × × 68	000 31	0 00 00	96 00 0	090 52	0 0 9 0 0	- - - 46		-	0	-	5.4	-
	Dalbandin *	000 36	0 05 07	94 05 0	021 71	0 0 9 0 0	- - - 73	000 25	0 00 00	94 05 0	037 41	0 0 9 0 0	- - - 35	- 6	- 7	0	0	1.8	4
	Nokkundi	000 28	0 16 02	92 05 1	146 70	0 0 9 0 0	9 × × 75	000 09	0 34 02	99 00 0	221 45	0 0 9 0 0	- - - 43		-	0	-	0.9	3
	Kalat †	000 35	0 31 09	98 00 3	096 52	0 0 9 0 0	7 0 0 57	000 21	0 13 04	98 00 0	997 29	0 0 9 0 0	- - - 21	- 7	-10	0	0	9.7	7
	Turbat	006 33	0 04 03	93 07 4	××× 85	0 0 9 0 0	- - - 91	000 26	0 03 02	95 00 0	143 69	0 0 9 0 0	- - - 65	-		0	-	1.4	-
	Panjgur *																		5
	Las Bela	000 70	0 00 00	98 00 0	072 94	0 0 9 0 0	- - - 97	000 51	0 00 00	98 00 0	127 73	0 0 9 0 0	- - - 60	-	-	0	-	1.7	8
	Ormara	000 72	0 32 09	96 00 0	098 84	0 0 9 0 0	- - - 90	000 29	0 09 02	96 00 0	122 76	0 0 9 0 0	- - - 73	-	-	0	0	8.1	6
	Pasni	000 56	0 13 05	96 00 0	110 86	0 0 9 0 0	- - - 91	000 48	0 36 07	96 00 0	030 74	0 0 9 0 0	- - - 70	-	-	0	0	4 9	6
	Jiwani																		4
SIND	Beti	000 49	0 27 07	96 00 0	005 88	0 0 9 0 0	- - - 92	000 34	0 36 03	96 00 0	137 55	0 0 9 0 0	- - - 54	-		0	-	2.2	-
	Jacobabad	000 33	0 27 02	97 00 0	087 87	0 0 9 0 0	- - - 92	000 28	0 27 02	95 10 0	147 60	0 0 9 0 0	- - - 56	+ 5	+ 2	0	0	0.7	4
	Sukkur	000 58	0 00 00	96 00 0	086 85	0 0 9 0 0	- - - 88	000 42	0 02 ××	96 00 0	137 58	0 0 9 0 0	- - - 56			0	-	1 0	4
	Padidan	000 44	0 00 00	98 00 0	090 87	0 0 9 0 0	- - - 89	000 40	0 00 00	98 00 0	135 59	0 0 9 0 0	- - - 56	-	-	0	-	0.9	
	Karachi (*Manora*)	000 74	0 15 09	97 00 0	100 80	0 0 9 0 0	- - - 85	000 73	0 00 00	94 40 0	122 76	0 0 9 0 0	- - - 74	- 1	+ 7	0	- 0 1	1.6	-
	Karachi (*A. P.*)	000 68	0 20 12	96 06 1	097 82	0 0 9 0 0	- - - 87	000 67	1 00 00	96 28 4	132 70	1 6 4 0 0	1 - - 68			0		8.0	3
	Badin	000 51	0 27 07	97 00 0	099 93	0 0 9 0 0	- - - 97	000 64	0 23 07	97 00 0	132 68	0 0 9 0 0	- - - 68	+ 5	0	0	- 0.1	0.7	-
	Nagarparkar																		9
	Chhor (*Umarkot*)	000 65	0 00 00	97 00 0	087 88	0 0 9 0 0	- - - 95	000 64	0 18 03	95 43 7	132 69	0 0 9 0 0	- - - 61	-	-	0	-	2.3	
	Hyderabad	000 58	0 05 03	97 00 0	089 89	0 0 9 0 0	- - - 95	000 63	0 36 03	96 00 0	137 69	0 0 9 0 0	- - - 67	+ 5	+ 6	0	0	2.0	-
Junagadh	Veraval																		20
Afghanistan	Kabul	010 36	8 34 07	95 62 9	994 41	8 7 1 - -	4 - - 62							-					12
	Jalalabad	000 53	7 09 04	96 03 1	003 72	4 5 6 8 0	2 × 9 —	005 46	0 23 02	97 00 0	021 ××	0 0 9 0 0	0 × × 57	-	—	0.1	-	7.0	-
	Kandahar	000 46	0 23 05	98 00 0	080 65	0 0 9 0 0	- - - ××							-					-

See footnote on page 2

P.T.O.

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 12TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_hhC_mC_H$	$W_1D_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_hhC_mC_H$	$W_1D_HD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12
Arabia	Muscat	—	000 58	9 81 09	95 06 4	131 81	9 – 0 – –	– – – 83	000 65	0 00 00	95 00 0	148 79	0 0 9 0 0	– – – xx	– 1	—	0	—	3 2	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 xx	0 81 10	97 00 0	172 72	0 0 9 0 0	– – – 72	000 xx	0 29 07	97 00 0	194 61	0 0 9 0 0	– – – 58	—	—	0]	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rain fall.

Wireless Reports From Ships

SHIP.	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Delhi	13 157	737 06	6 04 05	99 02 2	127 85	00 9 06	4 5 125	—	0 00 69	1 03 ×0
Ciau Chattan	13 128	665 08	4 08 15	99 03 0	114 93	31 6 6×	6 5 718	—	0 09 81	1 04 33
Kampala	13 113	699 05	8 08 10	99 25 2	116 84	42 7 1×	6 5 000	—	0 51 77	1 15 32
City of Delhi	13 140	742 12	7 14 05	99 03 2	097 84	21 6 90	4 5 450	—	0 51 77	1 14 ×0
Kampala	13 089	675 18	8 18 10	98 25 8	102 83	33 6 5×	5 6 105	—	0 61 74	1 17 32
Mohammedi	13 175	644 12	3 15 13	98 02 0	110 83	00 9 01	—	—	—	—
Tecture	13 186	580 18	0 10 05	89 01 1	133 82	00 9 00	5 5 310	—	0 00 68	1 00 ×0
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	008 26	213 60	000 31	262 12	854 98	211 18	700 41	125 24

STATION	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	509 47	009 94	302 17	819 91	555 55	389 00	241 13	678 00	180 84	466 00	076 01	974 97	009 90	524 00	619 90	853 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	10 04	10 05	11 09	12 13	13 06	17 08	..	—	—	—	05 09	06 09	05 08	09 06	—	—	10 09	09 20	09 10	11 11	10 11	—	—	—
Chhor	20 15	25 12	24 10	24 19	23 13	35 15	25 29	—	—	—							No	ascent	—	—	—	—		—
Chittagong	28 04	29 03	16 02	19 09		19 07	—	—	—	—	05 06	08 02	17 04	20 10	17 11	20 09	03 05	10 05	12 04	19 12	18 17	19 13	23 16	29 33
Cox's Bazar	31 06	31 02	11 03	18 04	20 09	17 04	31 06	—	—	—					—	—	07 04	10 03	17 03	13 13	19 13	20 11	—	—
Dacca	16 01	12 02	08 03	17 09	20 07	20 13	—	—	—	—	23 08	01 03	13 04	14 14	—	—	13 04	13 03	16 14	16 16	16 16	21 16		—
Dalbandin	—	—	11 06	07 05	36 10	—	—	—	—	—	—	—	07 15	09 10	01 06	—	—		07 04	05 13	04 06	36 07	27 15	—
Drosh		—	—	—	—	—	—	—	—	—	—	—	—	calm	03 05	01 16	—	—	—		04 04	03 06	18 05	—
Fort Sandeman			—	23 10	25 13	25 21	27 40	25 71	—	—			—	29 07	03 05	03 13	—	—	—	05 06	01 13	06 02	33 13	28 27
Jacobabad	33 04	34 07	34 10	34 17	35 20	31 09	25 27	25 39	—	—	35 29	35 31	33 17	25 10	22 10	29 22	04 03	06 06	07 13	07 06	33 04	33 04	36 10	—
Jhelum	11 11	12 17	13 13	15 23	17 18	18 15	27 17	—	—	—	03 08	13 15	13 16	15 12	17 10	—	04 03	36 22	03 15	09 12	13 15	16 10	16 10	23 02
Jiwani								—	—	—							—	—	—	—	—	—	—	—
Karachi	28 15	28 11	29 10	01 14	01 12	34 07	25 33	—	—	—	27 18	27 07	25 05	02 05	04 07	30 07	05 17	06 20	05 16	06 06	11 12	21 10	24 17	27 24
Khanpur	25 08	26 09	29 07	31 09	34 10	27 20	25 24	25 44	—	—	29 18	31 18	32 19	29 18	—	—	—	—	—	—	—	—	—	—
Lahore	13 08	15 13	15 13	16 13	18 13	17 12	23 28	24 46	24 46	...	29 15	29 29	29 23	30 16	31 15	31 19	05 11	06 13	12 17	13 18	12 21	14 13	34 16	26 35
Minitan	18 02	15 10	19 12	16 00	31 08	31 14	24 34	—	—	—	29 13	33 23	34 37	35 30	—	—	No	ascent	—	—	—	—	—	—
Peshawar		07 06	11 11	17 10	17 20	17 23	22 34	—	—	—	—	14 03	35 04	33 11	32 09	17 00	—	34 10	36 13	33 18	03 09	06 10	16 06	18 05
Quetta					32 14	33 20	—	—		—		—	—	—	30 06	—	—	—			03 04	03 06	36 17	—
Bushire						—					—	—			—						—	—		—
Sharjah						—																—		—

Cloud Observation Data (iiiGG Cddv$_r$ v$_r$)

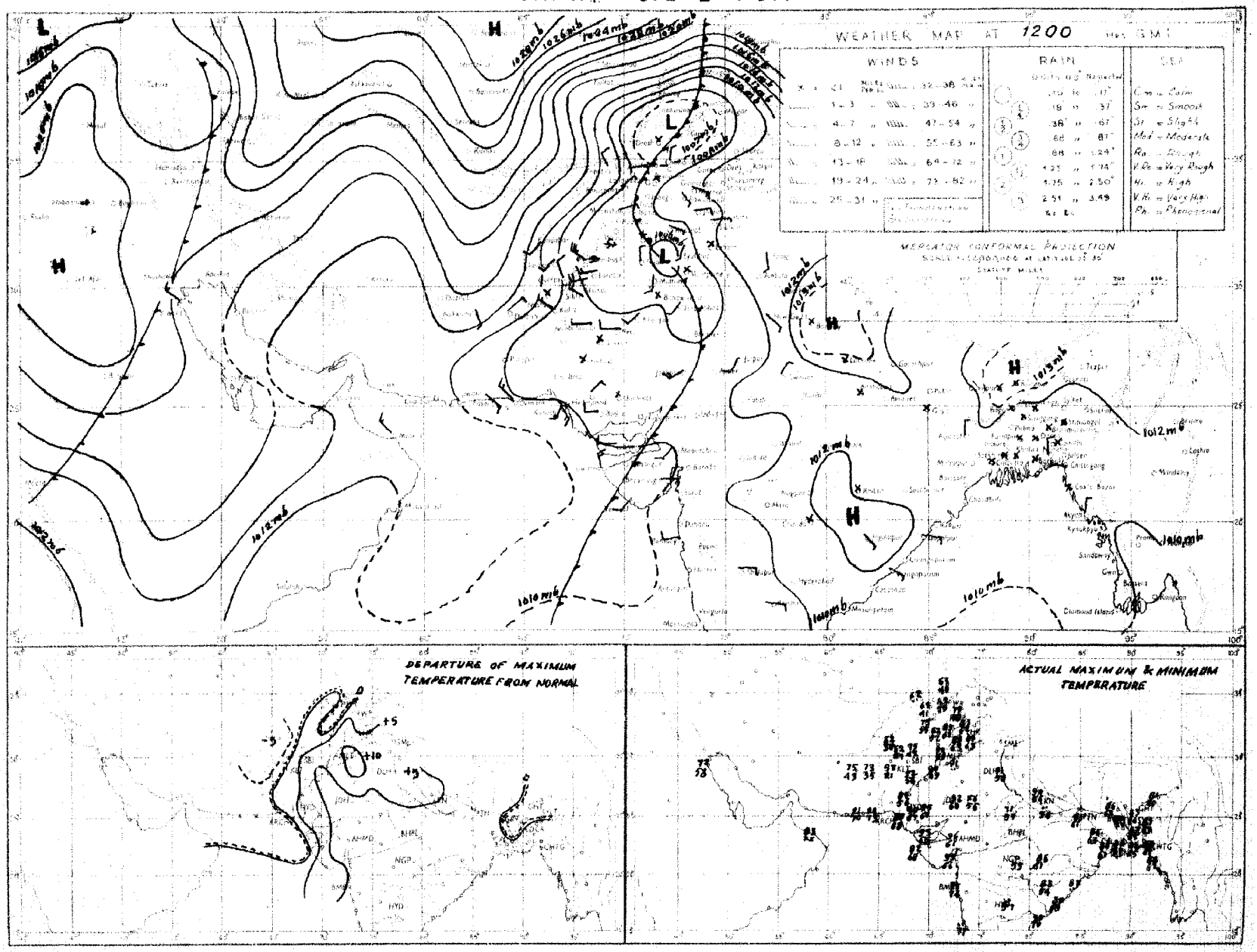
Jhelum 59808 42112

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡‡The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

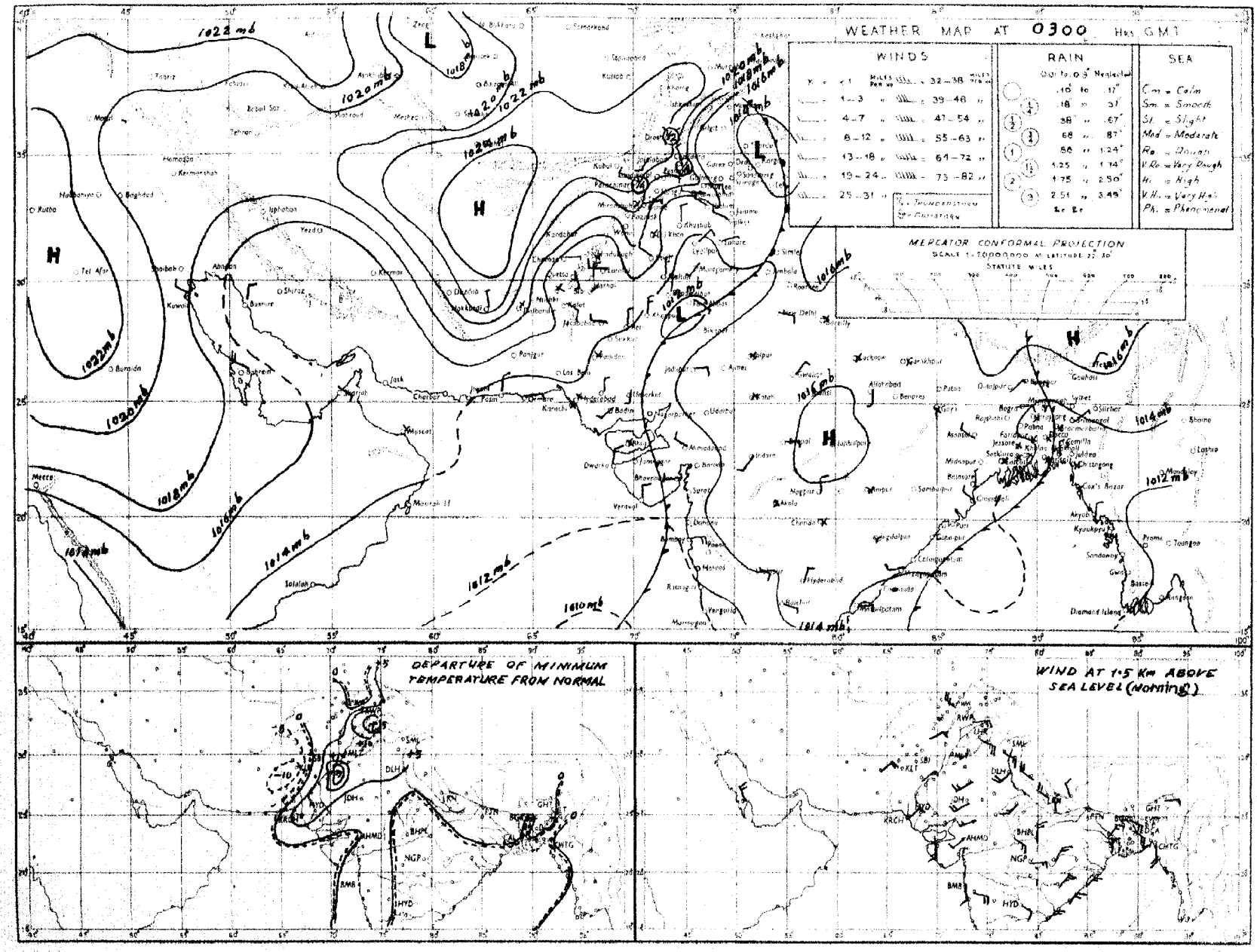
SUNDAY 11TH NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 12th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR TUESDAY, THE 13th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low extends from east Persian Gulf to northeast Iran.

Available ships observations indicate a deep depression in central Arabian Sea centred at 0300 GMT. today within one degree of latitude 11°N and longitude 64°E. It is likely to intensify into a cyclonic storm and move in some northerly direction.

Weather remained dry over the country.

Night temperatures were appreciably to markedly above normal in the Punjab, Sind and south Baluchistan, and appreciably below normal in north Baluchistan.

Forecast valid until the evening of 14th :—Dust in suspension over lower Sind and along Mekran coast. Morning mist/fog will also occur in the eastern sub-division of East Pakistan.

Karachi-11.
The 13th November, 1951

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDBDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDBDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 60	0 00 00	96 01 1	105 79	0 0 9 0 0	- - - 87	000 68	0 00 00	97 00 1	133 89	0 0 9 0 0	- - - 69	+ 2	+ 1	0.1	- 2.2	121.5	140
	Chittagong	000 69	6 29 02	96 02 1	106 80	4 8 6 7 0	0 × 9 89	000 67	2 36 02	97 02 1	135 81	0 0 9 7 0	0 × 9 67	+ 5	0	0	- 1.4	13.5	108
	Noakhali	000 72	0 00 00	93 05 0	××× 82	0 0 9 0 0	- - - 86	000 69	0 00 00	95 05 4	××× 77	0 0 9 0 0	- - - 66	+ 3	- 1	0.6	- 0.5	-	115
	Comilla	000 64	0 00 00	97 00 0	112 77	0 0 9 0 0	- - - 82	000 66	0 13 02	98 00 1	135 74	0 0 9 0 0	- - - 65	- 3	0	0.7	- 0.2	131.9	94
	Brahmanbaria	000 68	0 00 00	97 00 0	107 82	0 0 9 0 0	- - - 89	000 68	0 00 00	97 00 1	137 81	0 0 9 0 0	- - - 67	—	—	0	- 0.8	65.5	78
	Dacca	××× 63	0 00 00	97 00 1	094 74	0 0 9 0 0	6 × × 87	000 69	4 00 00	96 01 1	132 76	2 5 7 2 0	9 × × 68	—					—
	Narayanganj	000 65	0 00 00	99 00 1	103 79	0 0 9 0 0	6 × × 88	000 69	1 00 02	95 01 0	127 79	1 0 7 7 0	9 × 0 69	+ 4	+ 2	0	- 0.7	88.8	74
	Mymensingh	000 67	0 00 00	99 00 0	113 81	0 0 9 0 0	- - - 88	000 71	0 00 00	99 00 1	140 80	0 0 9 0 0	- - - 66	0	0	2.3	+ 1.6	64.0	91
	Srimangal	000 71	2 00 00	96 02 1	103 74	2 2 5 0 0	- - - 85	000 71	1 00 00	96 02 1	142 77	0 0 9 3 0	- - - 63	- 2	+ 2	0.2	- 0 9	105.4	98
	Khulna	000 69	2 00 00	98 01 0	111 78	2 8 8 0 0	- - - 88	000 67	0 22 02	98 00 0	142 78	0 0 9 0 0	- - - 67	+ 5	+ 2	0	- 0 7	58.4	68
	Satkhira	000 69	6 00 00	97 03 1	102 78	4 4 7 6 0	- - - 86	000 67	0 31 02	98 00 0	131 86	0 0 9 0 0	- - - 68	+ 1	+ 5	0	- 0.5	44.7	66
	Jessore	000 69	0 00 00	97 00 0	106 78	0 0 9 0 0	- - - 87	000 67	0 31 02	97 00 0	133 75	0 0 9 0 0	- - - 65	—		0	- 0.7	45.9	65
	Faridpur	010 76	0 00 00	95 05 0	099 79	0 0 9 0 0	- - - 79	000 68	0 00 00	96 05 0	128 75	0 0 9 0 0	- - - 65	- 3	0	0.5	- 0.8	56.0	71
	Barisal	000 67	0 00 00	97 00 1	100 79	0 0 9 0 0	- - - 86	000 67	0 00 00	98 00 0	134 70	0 0 9 0 0	- - - 68	+ 3	+ 2	0.4	- 0 6	73.9	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 67	2 00 00	96 02 1	097 78	2 6 3 0 0	- - - 85	000 67	1 31 02	98 01 1	120 76	1 6 8 0 0	- - - 67	-	—	1.3	+ 0.8	67.2	64
	Bogra	000 71	3 00 00	96 01 1	101 79	1 2 5 4 0	- - - 89	000 70	2 69 02	97 01 1	134 76	1 2 5 3 0	- - - 66	+ 7	+ 3	1.2	+ 0 5	46.2	69
	Dinajpur	000 69	0 00 00	97 00 0	120 78	0 0 9 0 0	- - - 86	000 64	0 00 00	97 00 0	135 75	0 0 9 0 0	- - - 62	+ 3	0	"	- 0.2	48.6	72
	Rangpur	000 ××	0 00 00	96 02 1	— —	0 0 9 0 0	- - - —	000 ××	0 09 02	98 00 1	- —	0 0 9 0 0	- - - —		—	0.3	0	79.5	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 50	0 00 00	96 00 0	108 82	0 0 9 0 0	- - - 84	000 50	0 00 00	96 00 0	147 58	0 0 9 0 0	- - - 55	+ 2	+ 6	0	0	10.2	12
	Lahore	000 64	0 00 00	96 00 0	112 79	0 0 9 0 0	- - - 88	000 51	0 00 00	96 00 0	148 64	0 0 9 0 0	- - - 57	+ 4	+10	0	0	14.7	19
	Sialkot	000 42	1 00 00	97 02 1	111 80	0 0 9 0 2	- - - 89	000 49	1 00 00	97 02 1	145 64	0 0 9 0 1	- - - 56	+ 7	+ 6	0	0	18.7	22
	Jhelum	000 41	0 31 05	96 00 1	119 79	0 0 9 0 0	- - - 84	000 45	0 31 02	97 00 0	152 63	0 0 9 0 0	- - - 54	—		0		26.8	—
	Rawalpindi	000 49	0 27 02	99 00 0	122 70	0 0 9 0 0	- - - 77	000 49	0 00 00	95 05 0	158 58	0 0 9 0 0	- - - 49	- 1	+ 5	0	- 0.1	25.7	36
	Murree †	000 40	2 29 03	97 01 1	088 51	2 1 4 7 0	9 × × 61	007 27	0 00 00	98 00 1	001 49	0 0 9 0 0	- - - 46	+ 3	+ 4	0.1	- 0.1	45.2	59
	Attock	××× ××	0 09 02	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	- -	0 0 9 0 0	- - - —	—		—			—
	Khushab	000 61	0 27 05	99 00 0	123 80	0 0 9 0 0	- - - 83	000 50	0 00 00	99 00 0	149 62	0 0 9 0 0	- - - 57	- 1	+ 6	0	0	8.0	15
	Montgomery	000 56	0 00 00	97 00 0	110 85	0 0 9 0 0	- - - 84	000 53	0 00 00	96 00 0	146 64	0 0 9 0 0	- - - 58	- 1	+ 6	0	0	6.1	10
	Leiah	000 76	0 31 03	96 07 0	120 84	0 0 9 0 0	- - - 94	000 58	0 00 00	97 00 0	157 66	0 0 9 0 0	- - - 62			0		6.6	8
	Multan	000 41	0 36 05	97 00 3	121 82	0 0 9 0 0	- - - 84	000 45	0 36 02	96 00 0	159 63	0 0 9 0 0	- - - 59	0	+ 8	0	0	6.9	7
	Khanpur	000 59	0 02 03	96 00 0	122 81	0 0 9 0 0	- - - 84	000 53	0 34 03	95 05 0	157 63	0 0 9 0 0	- - - 57	- 3	+ 6	0	0	1.9	6
	Bahawalpur	000 56	0 00 00	97 00 0	130 79	0 0 9 0 0	- - - 82	000 49	0 34 02	97 00 0	143 61	0 0 9 0 0	- - - 59	- 3	+ 8	0	0	4.5	6
	Fort Abbas	000 77	0 00 00	96 00 0	107 88	0 0 9 0 0	- - - 88												8
N. W. F. P.	Drosh *	001 38	7 00 00	97 02 2	063 52	7 5 5 0 0	- - - 55	000 39	0 00 00	99 00 0	086 43	0 0 9 0 0	- - - 42	-10	- 2	9.6		2.9	18
	Chakdara	000 49	0 34 02	99 00 0	142 67	0 0 9 0 0	- - - 73	000 45	0 36 02	98 00 0	189 53	0 0 9 0 0	- - - 48		—	0	- 0.3	20.6	—
	Cherat *	000 38	0 31 06	98 00 0	020 59	0 0 9 0 0	- - - 60	000 35	0 34 17	98 00 0	025 58	0 0 9 0 0	- - - 50	- 7	0	0.1	- 0.1	28.9	29
	Peshawar	000 39	1 34 09	97 02 1	147 73	1 1 7 9 0	- - - 78	000 43	1 00 00	97 01 1	174 58	0 0 9 0 1	- - - ××	+ 1		0.1	0	9.2	14
	Parachinar	068 50	3 13 02	99 01 1	006 60	1 2 7 3 0	5 × 7 65	000 39	1 00 00	99 01 1	992 56	0 0 9 0 1	- - - 51	- 1	+11	0.2		25.7	29
	Miranshah	000 39	0 07 03	98 02 4	008 73	0 0 9 0 0	- - - 76	000 34	0 00 00	98 00 4	021 55	0 0 9 0 0	- - - 52	—	—	0	0	10.5	13
	Bannu	000 41	0 36 02	99 00 0	138 82	0 0 9 0 0	- - - 83	000 38	0 23 02	99 00 0	163 61	0 0 9 0 0	- - - 59	—	—	0		5.9	11
	D. I. Khan	000 60	0 05 01	97 00 0	123 80	0 0 9 0 0	- - - 82	000 45	0 00 00	96 00 0	152 67	0 0 9 0 0	- - - 52	- 1	+ 3	0	- 0.1	2.8	9
	Wana																		11
	Landikotal	000 36	0 31 02	99 00 0	019 62	0 0 9 0 0	- - - 64	000 41	0 00 00	99 00 0	026 56	0 0 9 0 0	- - - 46		—	0	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—		—
	Thall	××× ××	0 23 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 09 99	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 31	0 00 00	94 06 4	006 56	0 0 9 0 0	7 × × 69	000 24	0 00 00	94 06 4	044 49	0 0 9 0 0	- - - 44	+ 7	+ 2	0	0	10.0	11
	Hindubagh	000 19	0 09 00	97 00 0	942 58	0 0 9 0 0	- - - 63	000 11	0 00 00	98 00 0	004 40	0 0 9 0 0	- - - 32		—	0	—	9.0	—
	Loralai	000 35	0 13 02	95 05 4	005 63	0 0 9 0 0	- - - 68	000 24	0 27 05	96 00 0	042 43	0 0 9 0 0	- - - 40	—	—	0	—	8.5	—
	Hirmai (a)	000 ××	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 27 02	96 00 0	—	0 0 9 0 0	- - - —		—	0	- 0 1	10.6	14
	Sibi	000 17	0 23 05	98 00 0	116 86	0 0 9 0 0	- - - 95	000 26	0 00 00	98 00 0	163 61	0 0 9 0 0	- - - 54	—	—	0	—	2.8	5
	Quetta †	000 16	0 20 03	99 00 0	973 64	0 0 9 0 0	- - - 75	000 34	0 20 02	98 00 0	979 43	0 0 9 0 0	- - - 29	—	—	0	0	9.3	9
	Chaman	000 31	0 23 02	97 00 0	005 64	0 0 9 0 0	- - - 68	000 22	0 09 02	97 00 0	042 44	0 0 9 0 0	- - - 38	-11	- 5	0	0	9.6	8
	Nushki	000 33	0 31 09	97 00 0	066 69	0 0 9 0 0	- - - 70	000 25	0 07 01	96 00 0	××× ××	0 0 9 0 0	- - - 49		—	0	—	5.4	—
	Dalbandin *	000 25	0 05 03	95 05 0	011 69	0 0 9 0 0	- - - 69	000 13	1 05 02	95 05 0	018 40	0 0 9 0 1	- - - 35	-10	- 7	0	—	1.8	4
	Kokkandi	000 39	0 13 02	93 05 0	133 73	0 0 9 0 0	- - - 76	000 16	4 34 02	99 03 1	163 47	0 0 9 0 1	- - - 44	—	—	0	—	0.9	2
	Kalat †	000 43	0 23 05	98 00 0	935 64	0 0 9 0 0	- - - 68	000 25	0 13 05	98 00 0	904 36	0 0 9 0 0	- - - 28	+ 4	- 3	0	0	9.7	7
	Turbat	005 49	0 04 03	97 00 0	116 88	0 0 9 0 0	- - - 91	000 23	0 08 02	95 00 2	153 68	0 0 9 0 0	- - - 62	—	—	0	—	1.4	—
	Panjgur *	000 01	0 31 03	97 00 0	992 72	0 0 9 0 0	- - - 73	000 12	0 05 05	97 00 0	011 48	0 0 9 0 0	- - - 40	—	—	0	—	3.2	5
	Las Bela	000 69	0 00 00	99 00 0	096 90	0 0 9 0 0	- - - 95	000 28	0 00 00	98 00 0	138 73	0 0 9 0 0	- - - 51	—	—	0	—	1.7	3
	Ormara	000 70	0 05 05	96 00 0	110 80	0 0 9 0 0	- - - 87	000 63	0 00 00	96 00 0	134 67	0 0 9 0 9	- - - 44	—	—	0	0	3.1	6
	Pasni	000 46	0 13 05	96 00 0	110 83	0 0 9 0 0	- - - 86	000 69	0 09 05	96 00 0	140 74	0 0 9 0 0	- - - 67	—	+ 7	0	0	4.9	6
	Jiwani																		4
SIND	Keti	000 65	0 05 05	94 07 0	123 84	0 0 9 0 0	4 × × 85	000 40	0 36 03	96 00 0	157 62	0 0 9 0 0	- - - 61	—		0	—	2.2	—
	Jacobabad	000 39	0 29 03	97 00 0	126 84	0 0 9 0 0	- - - 87	000 47	0 31 07	96 00 0	157 60	0 0 9 0 0	- - - 59	0	+ 5	0	0	0.7	4
	Sukkur	000 47	0 ×× ××	93 06 1	119 82	0 0 9 0 0	2 × × 84	000 56	0 ××× ××	95 05 1	158 61	0 0 9 0 0	9 × × 57	-		0	—	1.0	4
	Padidan							000 51	4 00 00	96 01 0	150 63	0 0 9 0 8	- - - 58		—	0	—	0.9	—
	Karachi (*Manora*)	000 69	0 11 09	97 00 0	102 87	0 0 9 0 0	- - - 91	000 52	0 07 09	95 05 0	189 75	0 0 9 0 0	- - - 71	+ 5	+ 4	0	- 0 1	1.6	3
	Karachi (*A. P.*)	000 51	1 07 10	96 02 1	106 89	0 0 9 0 1	- - - 92	000 45	1 00 00	95 05 0	137 72	0 0 9 0 0	- - - 69	—	—	0		3.0	—
	Badin																		9
	Nagarparkar																		—
	Chhor (*Umarkot*)	000 73	0 23 03	97 00 0	099 90	0 0 9 0 0	- - - 94	000 56	0 34 03	×× 42 4	133 64	0 0 9 0 0	- - - 61	—	—	0	—	2.3	—
	Hyderabad	000 37	0 36 03	96 00 0	115 85	0 0 9 0 0	- - - 87	000 49	0 36 05	95 05 0	152 68	0 0 9 0 0	- - - 67	- 3	+ 6	0	0	2.0	—
Junagarh	Veraval																		20
Afghanistan	Kabul	010 38	1 02 02	80 00 0	058 53	1 8 8 0 0	- - - 87							—					12
	Jalalabad							000 45	0 27 02	97 00 1	017 55	0 0 9 0 0	- - - 49		—	0.1	—	7.0	—
	Kandahar	000 45	0 00 00	98 00 0	086 66	0 0 9 0 0	- - - 75	005 33	0 00 00	97 00 0	005 37	0 0 9 0 0	- - - 28	—	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 13TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_uC_m$	$W_1D_aD_uT_aT_h$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_uC_m$	$W_1D_aD_uT_aT_h$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Average Annual
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12
Arabia	Muscat	000 65	0 09 02	96 00 0	113 82	0 0 9 0 0	— — — 85	000 67	1 31 09	96 01 0	134 79	0 0 9 0 1	— — — xx	+ 1	—	0	—	3 2	4
	Sharjah	000 xx	0 31 05	97 00 0	150 73	0 0 9 0 0	— — — 73	000 xx	1 37 03	97 00 0	179 62	0 0 9 0 0	— — — 58	—	—	0	—	1.5	4
	Kuwait																		5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rain fall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ aop	S $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Captourane	23 093	665 00	8 13 15	97 60 6	055 79	89 3 xx	2 3 511	—	0 58 59	—
Lan hoolspins	23 085	709 00	3 21 10	97 01 0	075 81	22 4 47	6 6 607		0 60 xx	1 21 23
City of Delhi	23 107	756 06	8 15 05	99 02 2	123 82	48 6 20	4 5 112		0 52 75	1 15 x0
Islami	23 093	657 06	7 19 06	99 02 2	091 82	42 8 20	2 4 310		0 01 75	1 19 21
Alavi	23 151	677 06	7 60 15	98 02 1	115 91	21 5 10	7 6 304		—	—
British Marquis	23 121	742 06	7 03 09	99 02 2	125 62	66 5 78	7 4 302		0 01 74	1 03 30
City of Delhi	23 115	741 06	8 16 05	99 02 2	101 79	48 6 20	4 5 205		0 55 73	1 16 x0
City of Windsor	23 092	673 06	7 22 13	98 01 8	078 84	12 4 71	6 4 110		0 01 68	1 21 22
Islami	23 092	669 12	7 00 00	99 15 2	054 85	43 6 20	2 4 300		0 51 78	1 19 22
City of W ndsor	23 093	665 12	8 22 09	98 81 8	055 81	29 4 98	6 4 300		0 52 79	1 22 22
British Marquis	23 129	735 12	6 12 13	99 02 2	089 85	28 6 32	7 4 502		0 03 77	1 12 21
Mohammedi	23 185	701 12	3 05 09	96 02 0	095 55	00 9 05	—		—	—
Kapatfour	23 091	689 12	8 19 10	98 21 8	062 82	78 3 2x	2 4 300		0 52 xx	1 49 x2
Alavi	23 240	657 18	0 05 03	98 42 0	120 86	00 9 00	1 3 300		0 51 70	1 05 25
Darp	23 243	603 18	0 00 00	97 05 4	134 80	00 9 00	1 5 300		0 08 xx	1 05 xx
British Marquis	23 137	723 18	8 12 14	99 02 1	106 83	00 9 41	7 4 010		0 01 76	1 12 21
BAY OF BENGAL										
Sirdhana	22 171	925 06	2 04 05	99 19 1	116 82	23 5 00	7 5 803	8 1 895	0 01 75	1 04 20
Sirdhana	22 180	914 12	2 04 05	99 02 1	103 81	21 5 02	3 5 303	8 2 895	0 51 73	1 04 20

Radio-Sonde Data (Temperatures in C°)
of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoTaTo	TdoTdoTxoXtXs	PtPthtbtht	TtTtTdtTdtTxt etc.	5555	hthtPtPtPt	TtTtTdtTdtTxt etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	009 28	053 60	000 33	270 49	854 96	160 32	700 27	066 02

STATION	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Karachi	555 55	349 00	200 31	668 10	125 04	096 80	055 42								

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	08 10	06 09	11 21	11 10	15 07	—	—	—	—	—	05 08	04 07	05 06	06 04	35 06	—	08 09	03 10	08 12	05 11	06 07	34 16	29 40	—
Chhor	10 02	17 02	19 06	22 12	21 11	24 12	26 17	27 29	26 42	—	—	—	—	—	—	—	No	ascent	dust fog	—	—	—	—	—
Chittagong	26 06	24 04	20 05	19 09	21 37	24 12	—	—	—	—	28 05	08 11	22 07	21 18	20 24	—	03 06	03 05	19 02	19 12	20 12	28 13	29 25	31 36
Cox's Bazar	27 08	15 02	15 06	18 09	21 15	24 12	28 19	—	—	—	28 04	27 07	25 07	23 11	21 17	—	26 07	36 04	21 02	23 04	21 15	27 13	29 20	29 32
Dacca	20 05	18 04	17 05	16 06	18 10	—	—	—	—	—	22 06	22 05	25 01	23 02	—	—	07 04	06 05	07 04	13 13	01 14	31 21	29 32	29 51
Dalbandin	—	—	09 12	06 09	06 07	13 06	27 21	27 27	25 43	—	—	—	03 07	09 08	10 03	22 04	—	—	06 07	12 05	10 05	31 03	25 10	25 29
Drosh	—	—	—	—	02 02	10 06	—	—	—	—	—	—	—	25 61	36 01	28 03	—	—	—	—	01 04	36 11	17 06	25 24
Fort Sandeman	—	—	—	02 07	03 07	12 07	27 20	27 42	27 61	27 74	—	—	—	13 03	06 04	11 12	—	—	—	24 04	05 03	34 05	27 29	26 42
Jacobabad	29 04	23 03	19 03	19 04	09 07	13 04	25 10	27 19	28 37	26 47	09 08	23 02	27 02	25 04	29 09	27 03	09 07	07 07	01 04	33 03	30 05	31 07	28 12	—
Jhelum	30 03	33 04	06 03	12 07	15 10	17 05	17 08	28 37	27 57	27 51	30 03	35 07	36 06	01 02	11 02	17 06	31 09	24 10	33 06	35 03	09 05	18 02	29 17	29 35
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	05 14	05 13	07 12	11 08	17 07	24 07	25 18	25 27	25 43	35 47	06 11	15 10	11 10	15 08	10 04	23 09	07 21	08 12	09 07	13 11	15 09	17 08	24 10	26 25
Khanpur	02 13	02 18	02 17	—	—	—	—	—	—	—	02 16	02 11	04 06	01 11	01 12	29 09	03 16	02 13	35 09	35 13	02 13	29 06	27 15	26 31
Lahore	06 07	07 10	11 12	11 17	13 17	15 10	06 03	23 29	25 45	27 71	02 13	02 10	14 05	10 04	10 03	27 01	02 36	01 04	01 06	36 07	07 01	09 05	28 08	29 31
Multan	01 13	01 21	—	—	—	—	—	—	—	—	02 13	02 12	02 12	01 13	34 08	31 10	01 08	01 10	01 10	01 11	03 09	31 10	27 15	27 39
Peshawar	—	35 11	30 10	32 08	30 05	32 08	13 12	27 21	26 35	26 45	—	13 03	20 02	calm	34 02	26 04	—	11 02	19 02	33 08	36 03	04 02	27 10	27 27
Quetta	—	—	—	—	14 06	14 04	26 19	26 30	27 60	27 72	—	—	—	—	09 01	23 04	—	—	—	—	15 09	27 18	25 10	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

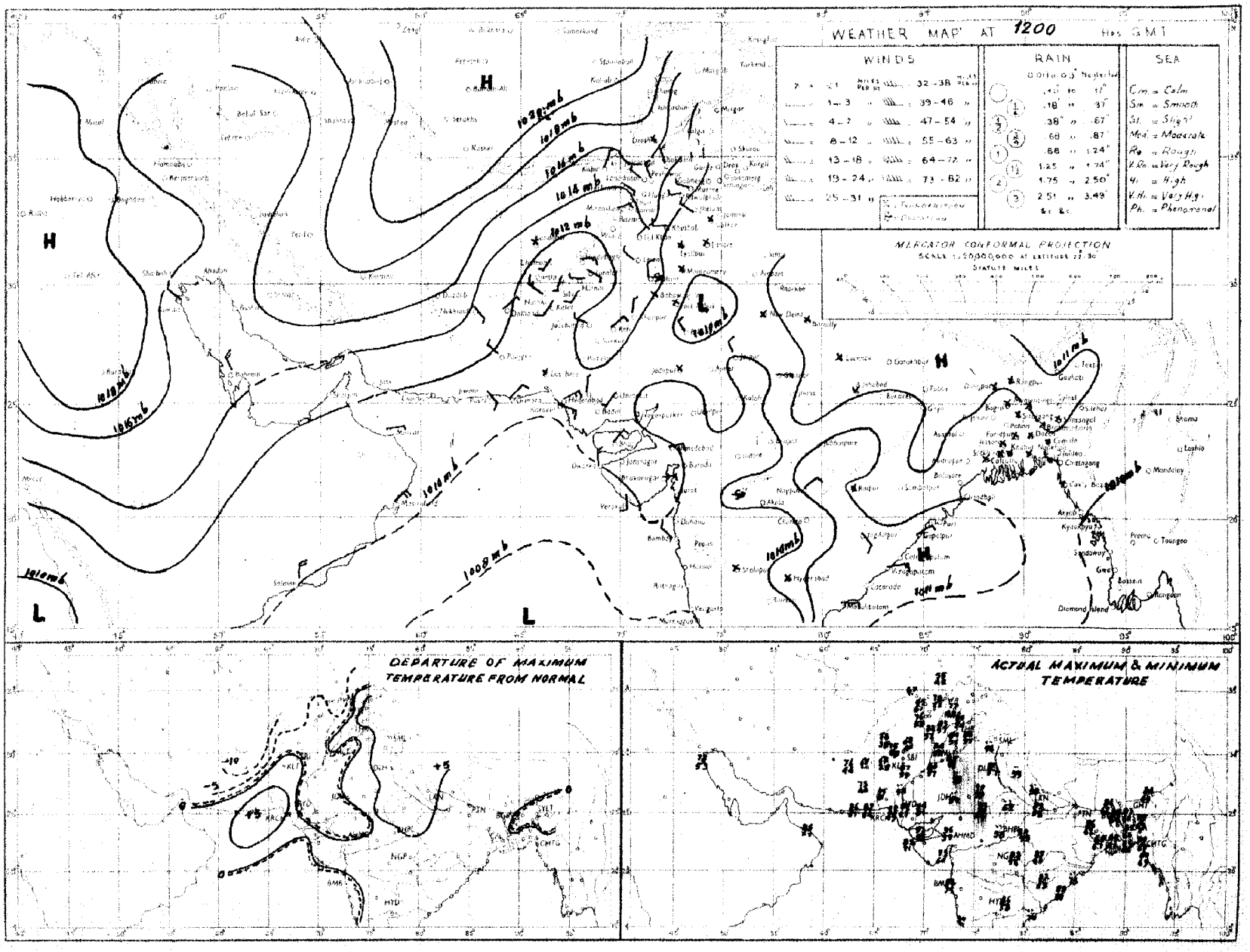
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

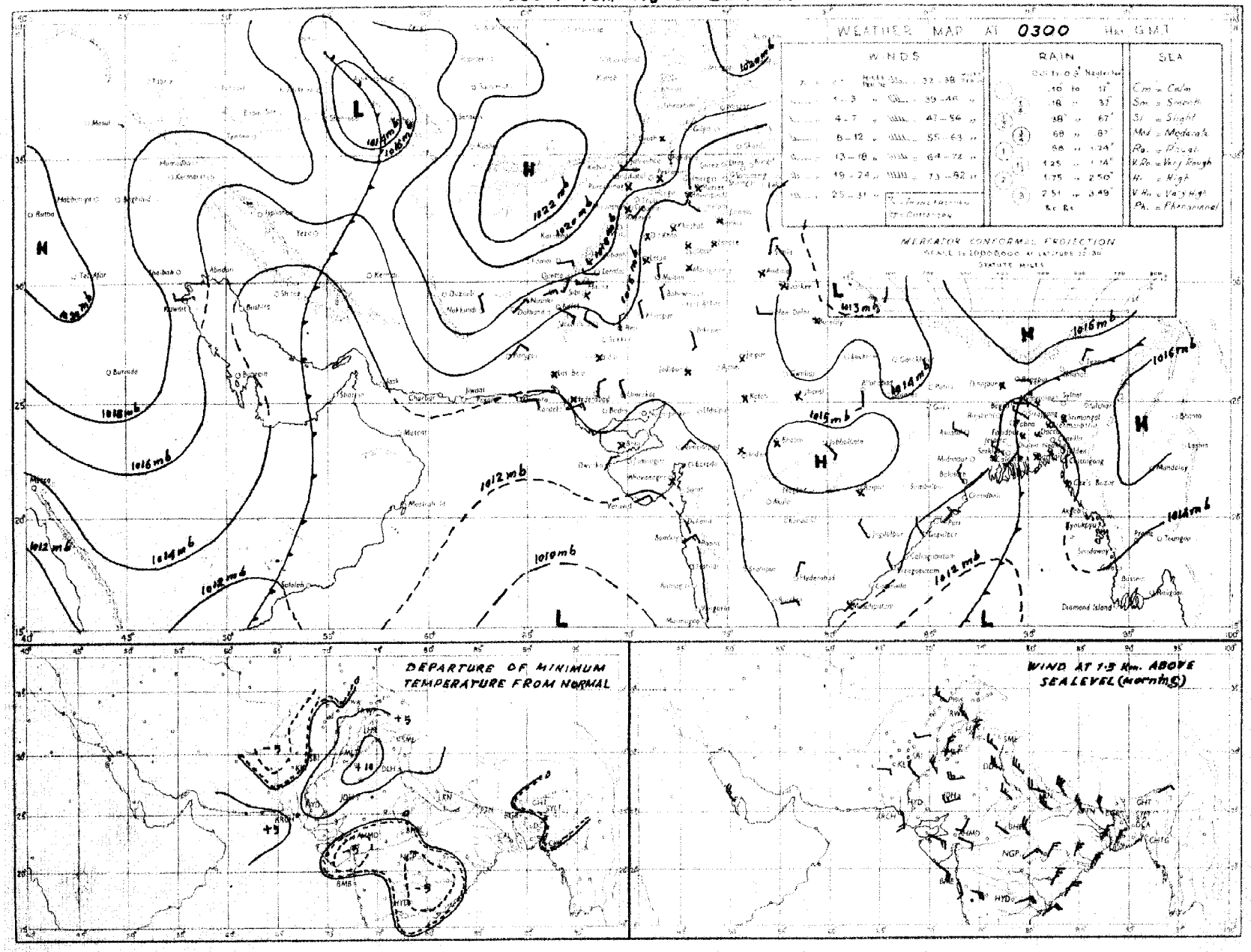
MONDAY 12th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 13th: NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 *hours*

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR WEDNESDAY, THE 14th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's deep depression in central Arabian Sea has intensified into a cyclonic storm and is centred at 0300 G. M. T. today, within one degree of latitude 12½°N and longitude 64½°E. It is likely to intensify further and move in some northerly direction.

Weather remained dry over the country.

Night temperatures were appreciably to markedly above normal in the Punjab, Sind and south Baluchistan.

Forecast valid until the evening of 15th :—Dry weather over the country.

Karachi-11.
The 14th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 64	0 00 00	94 01	1110 78	0 0 9 0 0	- - - 87	000 67	0 00 00	97 01	1 130 78	0 0 9 0 0	- - - 65	+ 2	- 3	0.1	- 2.2	121.5	140
	Chittagong	000 63	0 35 02	96 00	1106 76	0 0 9 0 0	- - - 85	000 65	0 00 00	97 00	0 139 78	0 0 9 0 0	- - - 64	+ 1	- 3	0	- 1.5	134.5	108
	Noakhali	000 66	0 00 00	93 ××	0××× 80	0 0 9 0 0	- - - 86	000 69	0 00 00	95 ××	4 ××× 77	0 0 9 0 0	- - - 66	+ 3	- 1	0.5	- 0.5	-	115
	Comilla	000 64	3 13 02	97 00	1113 77	3 2 7 0 0	- - - 82	000 66	0 09 05	98 00	0 139 77	0 0 9 0 0	- - - 65	- 3	0	0.7	- 0.2	131.9	94
	Brahmanbaria	000 68	0 00 00	×× 00	1105 80	0 0 9 0 0	- - - 88	000 66	0 09 02	97 00	0 144 0	0 0 9 0 0	- - - 66	—	-	0	- 0.9	65.5	78
	Dacca	000 66	1 00 00	×× 01	2099 75	1 1 8 0 0	5 × × 85	000 70	0 00 00	96 00	0 138 78	0 0 9 0 0	- - - 62	—					
	Narayanganj	000 68	0 00 00	×× 00	1090 80	- - - - -	9 × × 89	000 65	2 09 02	95 01	0 130 81	0 0 9 0 9	- - - 68	+ 5	+ 1	0	- 0.7	88.8	74
	Mymensingh	000 68	0 00 00	99 00	0108 79	0 0 9 0 0	- - - 82	000 69	0 00 00	98 00	1 152 78	0 0 9 0 0	- - - 67	- 1	+ 1	2.3	+ 1.6	64.0	91
	Srimangal	000 69	0 00 00	95 00	1101 74	0 0 9 0 0	- - - 84	000 67	2 00 00	96 02	1 143 71	0 0 9 0 1	- - - 59	- 3	- 2	0.2	- 0 9	105.4	98
	Khulna	000 68	0 00 00	96 00	0103 80	0 0 9 0 0	- - - 87	000 67	0 36 02	98 00	0 146 80	0 0 9 0 0	- - - 67	+ 4	+ 2	0	- 0 9	53.4	68
	Satkhira	000 65	2 00 00	97 01	1115 78	2 5 7 0 0	- - - 85	000 74	4 31 02	97 03	1 133 80	3 4 7 6 0	- - - 64	0	+ 1	0	- 0.6	44.7	65
	Jessore	000 68	4 00 00	96 02	1114 76	4 5 4 0 0	- - - 85							—					65
	Faridpur	000 67	1 00 00	95 05	0101 80	1 4 7 0 0	- - - 80	000 68	3 00 00	96 05	0 135 76	0 0 9 0 8	- - - 65	- 2	0	0.5	- 0.3	56.0	71
	Barisal	000 69	5 00 00	97 01	1099 80	5 4 6 0 0	- - - 87	000 71	0 00 00	97 05	0 136 76	0 0 9 0 0	- - - 68	+ 4	+ 2	0.4	- 0.7	73.9	81
	Pabna																		59
	Rampu Boalia																		56
	Sirajganj	000 68	1 00 00	97 02	1113 76	1 6 2 0 0	- - - 83	000 67	8 00 00	97 02	2 ××××	0 0 9 0 7	- - - 66	-	—	1.3	- 0.8	67.2	64
	Bogra	000 53	0 00 00	97 00	1 105 70	0 0 9 0 0	- - - 80	000 68	3 09 02	97 02	1 151 77	0 0 9 0 2	- - - 65	- 2	+ 2	1.2	+ 0 5	46.2	69
	Dinajpur	000 63	0 00 00	×× 00	0117 77	0 0 9 0 0	- - - 86	000 65	3 00 00	97 01	2 153 75	0 0 9 4 0	- - - 61	+ 3	- 1	+	- 0.2	48.6	72
	Rangpur	000 ××	0 00 00	×× 02	1— —	0 0 9 0 0	- - - —	000 ××	0 07 02	98 02	1— —	0 0 9 4 0	- - - —		—	0.3	0	79.5	84
KASHMIR	Srinagar †																		—
	Gulmerg †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 53	3 29 02	96 01	0118 80	0 0 9 0 3	0 2 0 86	000 52	1 29 02	95 10	4 139 57	0 0 9 0 2	2 0 0 54	+ 4	+ 5	0	0	10.2	12
	Lahore	000 59	0 00 00	96 00	0108 80	0 0 9 0 0	- - - 89	000 56	1 00 00	96 02	1 144 59	0 0 9 0 1	9 9 × 54	+ 5	+ 7	0	0	14.7	19
	Sialkot	000 54	7 00 00	97 03	1104 78	0 0 8 5 4	- - - 86	000 44	3 00 00	97 01	1 148 63	0 0 9 0 2	- - - 58	+ 4	+ 8	0	- 0.1	18.7	22
	Jhelum	000 38	7 00 00	96 03	1111 77	0 0 9 0 1	- - - 96	000 47	1 00 00	97 03	1 144 61	0 0 9 0 1	- - - 53	—		0		26.8	—
	Rawalpindi	000 48	2 00 00	99 01	1109 73	0 0 9 2 0	- - - 83	000 43	0 00 00	96 00	1 155 59	0 0 9 0 0	- - - 50	+ 5	+ 6	0	- 0.1	25.7	36
	Murree †	000 35	6 00 00	98 02	1081 54	0 0 9 0 4	4 4 × 62	000 31	4 00 00	98 01	1 092 50	0 0 9 0 4	9 1 × 46	+ 4	+ 4	0.1	- 0.2	45.2	59
	Attock	××× ××	2 09 02	97 00	0— —	0 0 9 0 1	- - - —	××× ××	0 00 00	96 00	0— —	0 0 9 0 0	- - - —	-		—	-	—	—
	Khushab	000 58	6 02 02	99 05	1111 83	0 0 9 0 4	- - - 86	000 47	0 27 02	99 00	0 141 56	0 0 9 0 0	- - - 54	+ 2	+ 3	0	0	8.0	15
	Montgomery	000 62	0 00 00	97 00	0106 84	0 0 9 0 0	- - - 86	000 54	0 00 00	96 00	1 143 62	0 0 9 0 0	- - - 58	+ 1	+ 6	0	0	6.1	10
	Leiah	000 67	0 22 02	97 00	0117 84	0 0 9 0 0	- - - 88	000 49	0 09 02	97 00	0 148 54	0 0 9 0 0	- - - 53			0	-	5.6	8
	Multan	000 50	0 00 00	97 00	0119 84	0 0 9 0 0	- - - 85	000 41	0 05 02	95 00	0 143 68	0 0 9 0 0	- - - 56	+ 1	+ 5	0	0	6.9	7
	Khanpur	000 51	0 36 03	95 05	0114 83	0 0 9 0 0	- - - 85	000 50	1 00 00	95 05	0 144 57	0 0 9 0 1	0 9 × 55	- 2	+ 4	0	0	1.9	6
	Bahawalpur	000 56	0 00 00	97 00	0114 80	0 0 9 0 0	- - - 85	000 50	0 00 00	97 00	0 141 56	0 0 9 0 0	- - - 55	0	+ 4	0	0	4.5	6
	Fort Abbas	000 59	0 ×× ××	96 00	0108 85	0 0 9 0 0	- - - 88												8
N. W. F. P.	Drosh *	000 29	1 00 00	99 01	1028 50	1 1 8 0 0	- - - 62	000 33	0 00 00	99 00	0 099 45	0 0 9 0 0	- - - 43	- 3	- 1	0.6	-	2.9	18
	Chakdara	000 56	0 00 00	99 00	0112 70	0 0 9 0 0	- - - 77	000 44	0 31 02	98 00	0 164 54	0 0 9 0 0	- - - 50			0.3	-	20.6	—
	Cherat *	000 35	1 36 10	97 01	1009 62	0 0 9 0 2	3 × × 65	000 34	0 36 21	98 00	1 017 57	0 0 9 0 0	1 × × 56	- 2	+ 6	0.1	- 0.1	28.9	29
	Peshawar	000 45	3 00 00	97 02	1124 75	0 0 9 0 1	- - - 83	000 38	1 20 03	96 00	1 159 59	0 0 9 0 1	- - - 52	+ 6	+ 4	0 1	0	9.2	14
	Parachinar	008 23	0 13 02	99 00	1083 62	0 2 9 0 0	5 × × 67	000 27	0 00 00	99 00	0 086 48	0 0 9 0 0	- - - 42	+ 1	+ 2	0.2		28.7	29
	Miranshah	000 30	5 11 03	98 02	4092 78	5 0 9 0 3	- - - 77	000 27	0 05 01	98 02	1 011 53	0 0 9 0 0	- - - 51		-	0	0	10.5	13
	Bannu	000 51	6 13 02	99 03	0118 78	0 0 9 0 4	- - - 85	000 37	0 31 03	99 00	0 158 63	0 0 9 0 0	- - - 58	-	-	0		5.9	11
	D. I. Khan	000 55	4 00 00	96 03	0114 82	0 0 9 0 4	0 5 × ××	000 40	0 00 00	96 00	0 ××× 54	0 0 9 0 0	- - - 55	- 2	+ 6	0	- 0 1	2.8	9
	Wana	000 44	0 00 00	99 00	0999 65	0 0 9 0 0	- - - 69	000 38	0 00 00	99 00	1 018 55	0 0 9 0 0	- - - 49		-	0	—	12 0	11
	Landikotal	×× ××	0 00 00	97 00	0— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00	0— —	0 0 9 0 0	- - - —	—	—	-	-		—
	Hangu	××× ××	0 27 09	99 00	0— —	0 0 9 0 0	- - - —	××× ××	0 36 09	99 00	0— —	0 0 9 0 0	- - - —	—	—	—	-	—	—
	Thull																		—
BALUCHISTAN	Fort Sandeman*	000 18	3 00 00	95 01	1996 70	0 0 9 0 1	8 × × 72	000 14	0 00 00	95 05	4 055 58	0 0 9 0 0	1 × × 43	- 1	+ 1	0	0	10.0	11
	Hindubagh	000 19	3 09 09	97 01	1974 63	0 0 9 2 0	7 × 7 67	000 20	0 00 00	98 02	1 996 48	0 0 9 0 0	3 0 × 37			0	—	9.0	—
	Loralai	000 35	3 00 00	96 03	0992 65	0 0 9 0 1	- - - 70	000 27	0 23 05	96 00	1 028 45	0 0 9 0 0	- - - 40	-	-	0	-	8.5	—
	Harnai (a)	000 ××	0 05 02	96 00	0— —	0 0 9 0 0	- - - —	000 ××	0 27 02	96 00	0— —	0 0 9 0 0	- - - —		-	0	- 0 1	10.6	14
	Sibi	000 26	0 18 05	98 00	0117 84	0 0 9 0 0	- - - 87	000 41	0 00 00	98 00	0 149 56	0 0 9 0 0	- - - 50	—	—	0	—	3.8	5
	Quetta †	000 29	1 34 05	98 01	0974 67	0 0 9 0 1	- - - 70	000 26	0 00 00	97 10	0 978 42	0 0 9 0 0	- - - 32			0	0	9.3	9
	Chaman	000 31	0 28 02	97 00	0003 68	0 0 9 0 0	- - - 71	000 26	0 09 02	97 00	0 044 49	0 0 9 0 0	- - - 43	+ 2	0	0	0	9.6	8
	Nushki	000 34	0 31 03	97 00	0050 73	0 0 9 0 0	- - - 75	000 32	0 05 05	96 00	0 074 61	0 0 9 0 0	- - - 49		—	0	-	5.4	—
	Dalbandin *	000 21	0 00 00	95 05	0001 75	0 0 9 0 0	- - - 77	000 14	0 07 03	96 05	0 022 46	0 0 9 0 0	- - - 40	- 2	- 2	0	0	1.8	4
	Nokkundi	000 43	0 16 02	99 00	1111 75	0 0 9 0 1	9 × × 75	000 23	0 00 00	98 00	0 170 53	0 0 9 0 0	- - - 47	—	—	0		0.9	2
	Kalat †	000 40	0 28 05	98 00	0984 83	0 0 9 0 0	- - - 66	000 26	0 18 05	98 00	0 002 86	0 0 9 0 0	- - - 34	+ 2	+ 3	0	0	9.7	7
	Turbat	006 53	0 16 03	96 00	0113 87	0 0 9 0 0	- - - 91	000 49	0 04 02	95 00	0 148 68	0 0 9 0 0	- - - 62	—	—	0	—	1.4	—
	Panjgur *	000 29	0 31 02	97 00	0984 76	0 0 9 0 0	- - - 78							—					5
	Las Bela	000 60	0 00 00	99 00	0098 91	0 0 9 0 0	- - - 95	000 59	0 00 00	98 00	0 180 72	0 0 9 0 0	- - - 62	—	—	0	—	1.7	8
	Ormara	000 61	0 36 02	96 00	0118 84	0 0 9 0 0	- - - 86	000 68	0 09 02	96 00	0 128 71	0 0 9 0 0	- - - 66	—	—	0	0	3.1	6
	Pasni	000 71	0 13 05	96 00	0116 80	0 0 9 0 0	- - - 81	000 56	0 09 03	96 00	0 183 70	0 0 9 0 0	- - - 64	—	—	0	0	4.9	6
	Jiwani																		4
SIND	Keti	000 42	0 31 02	96 00	0117 84	0 0 9 0 0	- - - 89	000 32	0 18 03	96 00	0 143 56	0 0 9 0 0	- - - 56	-		0	-	2.2	—
	Jacobabad	009 37	0 29 02	97 00	0129 88	0 0 9 0 0	- - - 86	000 38	0 00 00	94 04	0 147 62	0 0 9 0 0	- - - 59	- 1	+ 5	0	0	0.7	4
	Sukkur	000 56	0 05 ××	96 00	1118 84	0 0 9 0 0	6 × × 86	000 49	0 05 ××	96 00	0 140 62	0 0 9 0 0	- - - 60			0	—	1.9	4
	Padidan	000 48	0 00 00	97 00	1118 81	0 0 9 0 0	- - - 85	000 51	3 00 00	97 01	0 141 60	0 0 9 0 8	- - - 59	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 67	0 13 05	95 05	0105 85	0 0 9 0 0	- - - 91	000 52	6 05 05	95 05	2 126 72	0 0 9 1 0	0 × 9 71	+ 5	+ 4	0	- 0 1	1.6	2
	Karachi (*A. P.*)	000 53	0 05 05	96 06	0109 86	0 0 9 0 0	- - - 92	000 42	7 36 05	96 02	1 131 70	0 0 9 0 6	- - - 65			0		3.0	—
	Badin	000 59	0 36 02	97 00	0110 91	0 0 9 0 0	- - - ××	000 51	2 36 02	97 00	0 133 62	0 0 9 0 0	- - - 62	- 2	+ 2	0	- 0.1	7.0	9
	Nagarparkar																		—
	Chhor (*Umarkot*)	000 70	0 31 03	97 00	0100 88	0 0 9 0 0	- - - 91	000 60	0 02 03	97 00	0 131 72	0 0 9 0 0	- - - 63		-	0	-	2.8	—
	Hyderabad	000 49	0 05 03	96 00	0115 85	0 0 9 0 0	- - - 87	000 48	8 36 05	95 05	0 136 69	8 0 9 0 2	- - - 64	- 3	+ 3	0	0	2.5	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 25	1 02 02	98 00	0011 51	1 8 8 0 0	- - - 62							—					12
	Jalalabad	000 51	1 00 00	97 01	0099 79	0 0 9 7 0	2 × 9 81							—					—
	Kandahar																		—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 14TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_SD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_SD_MT_nT_n$	Departure from Normal T_x T_n	T_n T_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	--	--	--	-	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Jask	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5
	Mashed	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
	Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	17
Arabia	Muscat	--	000 6.8	1 09 02	97 00 0	114 80	0 0 9 0 1	- - - 85	000 61	0 09 02	96 00 0	143 79	0 0 9 0 0	- - - ××	--	--	0	--	3.2	4
	Sharjah	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Kuwait	--	000 ××	0 31 05	97 00 0	155 74	0 0 9 0 0	- - - 74	000 ××	0 29 03	97 00 0	183 65	0 0 9 0 0	- - - 61	--	--	0	--	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,355 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 8 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rain fall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ aDD	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	1$d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mozaffari	33 175	572 06	1 02 10	97 02 0	112 82	00 9 01	1 5 ×××	--	--	--
Masimpur	33 212	617 06	0 08 06	97 05 4	132 81	00 9 00				
British Marquis	33 512	704 06	8 09 20	97 81 2	103 81	87 3 --	7 4 1110	--	0 51 74	1 09 21
Masimpur	33 205	627 12	5 05 09	98 03 0	105 83	41 6 15		--		
City of Windsor	33 098	612 18	7 32 13	98 02 1	086 82	33 4 01	6 4 310	--	0 02 78	1 10 32
Mozaffari	33 191	592 18	3 05 10	98 01 0	078 ××	21 8 02	5 0 ×0×	--	--	--
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	009 30	083 60	000 33	299 89	855 01	210 42	700 36	079 94
	509 22	589 94	801 65	819 94	555 55	349 00	250 72	678 00	140 57
	456 00	029 07	565 67	009 00	484 00	689 91	808 50		

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	05 02	02 03	06 05	04 04	11 03	35 18			--	--	04 11	02 08	35 07	32 11	32 09	--	02 10	01 12	01 14	36 15	35 19	30 08		--
Chhor	05 07	07 06	05 08	29 06	25 06	25 15	24 19	24 27	--	--							05 15	04 09	36 10	28 12	26 14	27 12	06 15	--
Chittagong	25 11	23 07	22 07	19 06	18 13				--	--	12 01	13 02	10 06	16 12	16 04	24 17	04 07	05 06	06 05	14 06	16 06	16 07	22 03	--
Cox's Bazar	23 07	18 05	17 06	19 11	25 11	07 22	29 23	31 37	--	--	35 04	33 08	20 04	27 06	23 17	31 17	05 01	05 06	17 05	18 04	24 09	25 10	31 24	--
Dacca	04 01	35 02	35 03	35 03	34 07	31 15	29 39	--	--	--	05 03	03 05	02 08	26 11	31 16	30 17	04 11	02 09	05 07	01 13	35 14	25 09	--	--
Dalbandin	--	--	08 02	24 03	23 15	19 09	22 19	--	--	--	--	--	07 04	28 09	24 14	26 13	--		08 03	27 10	03 07	15 13	13 17	
Drosh	--	--		--	01 04	35 02	22 10	21 19	--	--	--		--	33 01	05 06	01 10	--	--	--		02 06	01 16	19 05	27 29
Fort Sandeman	--			25 09	26 05	16 04	25 18		--	--			--	12 04	22 11	24 19		--		23 05	33 10	34 15	23 09	--
Jacobabad	30 07	31 06	32 04	25 01	27 01	27 04	21 13	25 12	21 15	--	31 05	24 04	25 06	19 07	25 10	30 07	34 04	33 06	27 06	25 13	27 12	23 15	--	--
Jhelum	31 05	29 08	28 09	23 03	26 03	33 03	25 09	28 35	28 56	--	30 03	32 07	32 06	25 04	20 05	26 07	01 01	31 11	31 05	31 06	34 04	31 09	26 03	25 29
Jiwani	--								--	--						--							--	--
Karachi	08 09	07 05	08 09	10 05	14 05	21 14	24 18	24 27	24 38	25 48	06 10	06 05	04 03	14 08	18 16	24 17	05 12	05 09	04 09	18 06	24 06	24 10	--	--
Khanpur	36 05	35 07	35 09	25 19	30 09	32 05	26 11	26 33	26 60		28 05	26 03	26 03	29 06	02 03	20 04								--
Lahore	31 05	31 05	30 03	12 04	17 02	29 06	28 30	27 48	27 53	--	31 05	31 08	32 05	29 05	27 04	25 05	34 07	32 06	33 03	32 07	27 05	03 05	21 07	29 01
Multan	34 07	35 07	36 06	02 05	02 03	34 03	24 15	27 22	27 48		27 07	26 06	25 06	25 05	34 07	25 04	31 02	26 04	25 04	31 06	36 06	25 03	24 10	27 31
Peshawar		36 05	32 09	21 10	21 03	24 01	26 12	21 30	26 30	27 42	--	08 03	28 02	34 07	04 06	26 02	--	02 04	34 03	33 11	34 13	35 07	29 13	25 24
Quetta					22 04	18 06	23 15	25 23	25 48	--		--	--	--	22 05	23 02	--	--			29 07	27 12	--	--
Bushire											--	--			--						--	--		--
Sharjah																						--		

Cloud Observation Data (iiiGG Cddv, v,)

Peshawar 53008 12615

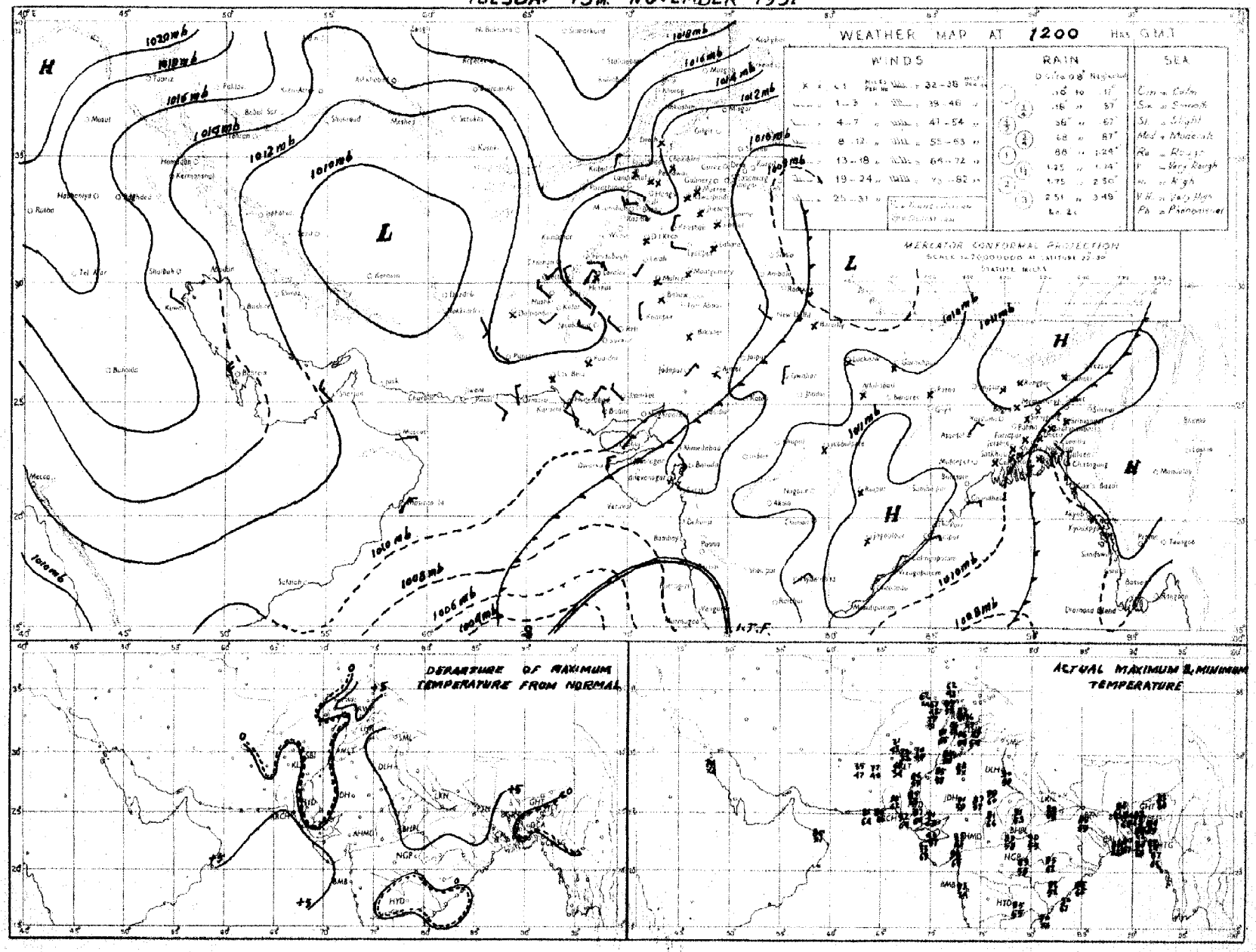
Chhor 76802 22417

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

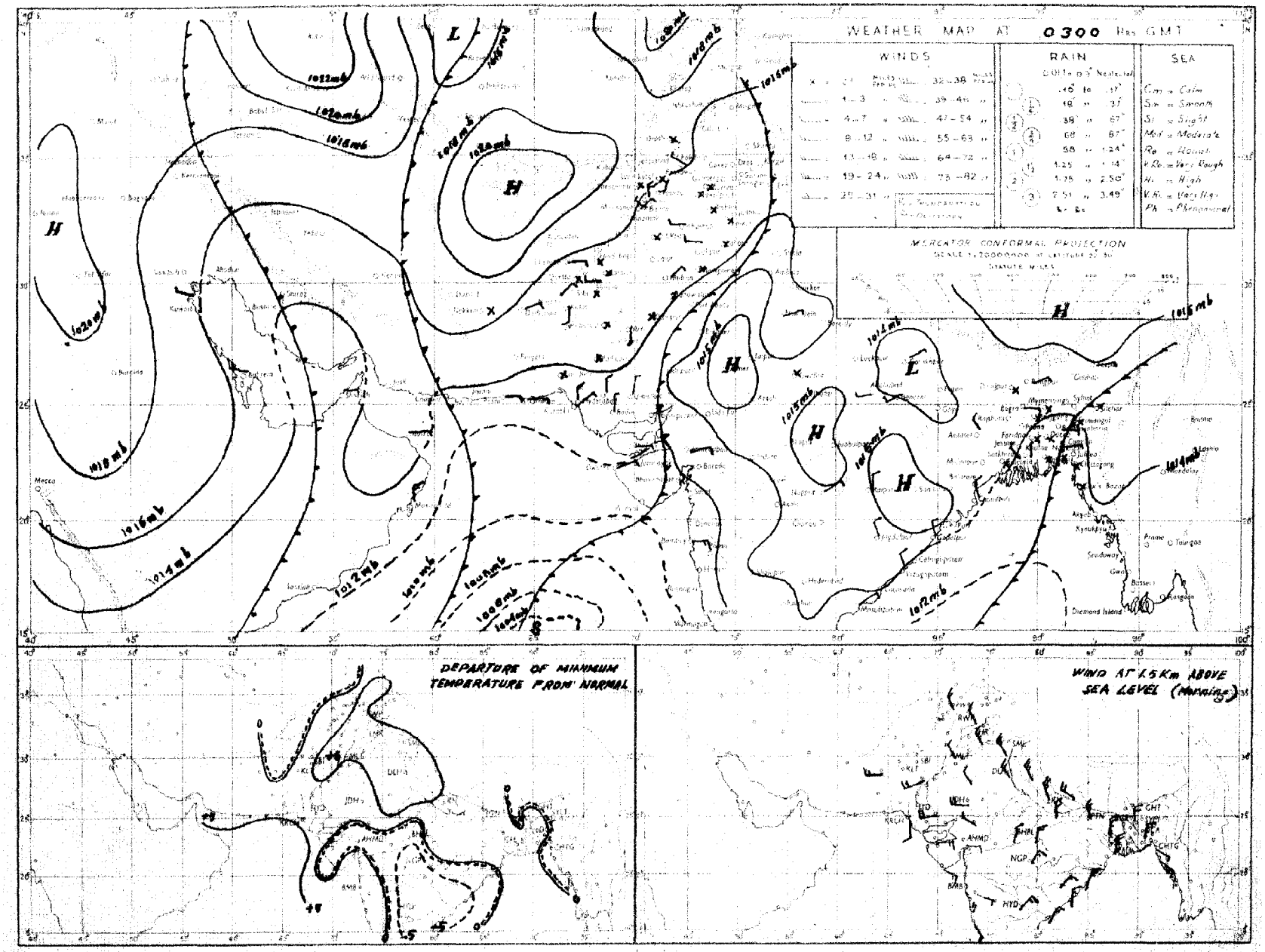
TUESDAY 13th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 14th. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription Pages 1—2 Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 15th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's cyclonic storm in Arabian Sea is centred at 0300 G. M. T. today within one degree of latitude 17½°N and longitude 67½°E. It is likely to move north-north-east-wards and strike Kathiawar coast between Dawarka and Verval during next twenty four hours.

A western disturbance is moving eastwards across Russian Turkistan.

Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal in West Pakistan out-side north Baluchistan where they were generaly appreciably below normal.

Forecast valid until the evening of 16th:—Moderate to strong surface winds and light to moderate rain likely in lower Sind by tomorrow. Scattered rain also likely in Kashmir.

Karachi-11.
The 15th November, 1951

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal: Tx Tx	Tn Tn	Rainfall: Since* 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 61	1 00 00	96 01 1	101 79	0 0 9 0 1	1 0 × 88	000 67	0 00 00	97 00 1	134 81	0 0 9 0 0	- - - 65	+ 3	- 3	0.1	- 2.8	121.5	140
	Chittagong	000 63	0 27 02	96 00 1	091 76	0 0 9 0 0	- - - 87	000 67	0 07 02	97 00 0	133 79	0 0 9 0 0	- - - 65	+ 3	- 2	0	- 0.5	134.5	108
	Noakhali	000 64	0 00 00	×× ×× ×	××× 80	0 0 9 0 0	- - - 84	000 64	0 00 00	95 05 ×	××× 77	0 0 9 0 0	- - - 65	+ 1	- 2	0 6	- 0 6	-	115
	Comilla	000 69	5 00 00	97 03 1	096 75	0 0 9 0 8	- - - 82	000 75	0 09 02	98 00 0	132 76	0 0 9 0 0	- - - 69	- 3	+ 4	0.7	- 0.3	181.9	94
	Brahmanbaria	000 69	0 00 00	97 00 0	093 81	0 0 9 0 0	- - - 86	000 69	0 09 02	97 00 0	130 79	0 0 9 0 0	- - - 67	-	-	0	- 0.9	65.5	78
	Dacca	××× 67	6 00 00	96 03 1	093 75	1 9 6 6 1	6 × × 85	××× 69	0 00 00	97 00 0	130 77	0 0 9 0 1	3 × × 62						
	Narayanganj	000 67	1 00 00	97 01 1	084 78	1 6 7 4 0	9 × 0 88	000 68	0 00 00	95 00 0	125 80	0 0 9 0 0	9 × × 67	+ 4	0	0	- 0.7	88.8	74
	Mymensingh	000 71	0 00 00	99 00 0	100 80	0 0 9 0 0	- - - 82	000 67	0 09 02	98 00 0	142 76	0 0 9 0 0	- - - 65	- 1	- 1	2.3	+ 1.6	64.0	91
	Srimangal	000 71	3 00 00	96 02 1	096 72	0 0 9 3 1	- - - 85	000 69	1 00 00	96 02 1	136 75	0 0 9 0 1	- - - 00	- 2	- 1	0.2	- 0 9	105.4	98
	Khulna	000 62	2 00 00	96 00 0	102 78	0 0 9 0 1	- - - 85	000 69	0 09 02	98 00 0	132 77	0 0 9 0 0	- - - 66	+ 2	+ 1	0	- 0 9	53.4	68
	Satkhira	000 84	4 00 00	97 03 1	101 78	8 4 7 6 0	- - - 80	000 64	× 31 02	97 03 1	134 77	× 0 7 6 0	- - - 63	- 5	0	0	- 0.6	44.7	65
	Jessore	000 67	0 00 00	97 00 0	107 75	0 0 9 0 0	- - - 85							-					65
	Faridpur	000 66	5 00 00	95 05 0	100 69	0 0 9 0 8	9 7 × 80	000 66	0 00 00	96 05 0	130 80	0 0 9 0 0	- - - 64	- 2	- 1	0.5	- 0.3	56.0	71
	Barisal	000 69	1 00 00	97 01 1	096 79	0 0 9 0 2	- - - 84	000 67	0 00 00	98 00 0	131 76	0 0 9 0 0	- - - 67	+ 1	+ 1	+ 4	- 0.7	73.9	81
	Pabna																		59
	Rampu Boalia																		56
	Sirajganj	000 67	8 00 00	96 02 2	103 75	0 0 9 0 7	0 0 0 81	000 68	0 00 00	98 00 0	143 76	0 0 9 0 0	- - - 65		—	1.3	- 0.7	67.2	64
	Bogra	000 67	7 00 00	96 03 1	100 75	0 0 9 0 4	- - - 85	000 68	1 00 00	96 01 0	146 77	0 0 9 0 1	- - - 63	+ 3	0	1.2	+ 0 5	46.2	69
	Dinajpur	000 66	0 00 00	97 00 0	119 77	0 0 9 0 0	- - - 85	000 65	0 00 00	97 00 0	152 75	0 0 9 0 0	- - - 62	+ 2	0	0	- 0.2	48.6	72
	Rangpur	000 ××	0 00 00	96 00 1	— —	0 0 9 0 0	- - - -												84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar*																		
	Allahabad																		
PUNJAB	Lyallpur	000 49	0 00 00	96 00 0	094 80	0 0 9 0 0	- - - 86	000 43	1 20 02	96 02 0	126 57	0 0 9 0 2	- - - 52	+ 4	4 3	0	0	10.2	12
	Lahore	000 37	0 00 00	96 00 1	096 80	0 0 9 0 0	9 × × 86	000 47	1 00 00	96 02 1	132 59	0 0 9 0 2	1 9 × 49	+ 2	+ 2	0	0	14.7	19
	Sialkot	000 52	0 00 00	97 00 0	087 77	0 0 9 0 0	- - - 84	000 43	0 00 00	97 00 0	126 66	0 0 9 0 0	- - - 53	+ 2	+ 8	0	- 0.1	18.7	32
	Jhelum	000 40	0 00 00	96 00 0	093 78	0 0 9 0 0	- - - 86	000 46	0 00 00	97 00 0	137 54	0 0 9 0 0	- - - 47	-		0		26.8	—
	Rawalpindi	000 45	0 00 00	98 00 0	091 78	0 0 9 0 0	- - - 82	000 42	0 00 00	99 00 1	139 58	0 0 9 0 0	- - - 48	+ 4	+ 4	0	- 0.1	25.7	36
	Murree †	000 37	0 00 00	98 00 1	074 55	0 0 9 0 0	9 1 1 65	000 28	0 36 02	98 00 0	078 50	0 0 9 0 0	- - - 45	+ 7	+ 3	- 0.1	- 0.2	45.2	59
	Attock	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Khushab	000 59	0 29 05	99 00 0	093 85	0 0 9 0 0	- - - 88	000 45	0 13 02	99 00 0	129 59	0 0 9 0 0	- - - 50	+ 4	- 1	0	0	8.0	15
	Montgomery	000 63	0 00 00	97 00 0	099 84	0 0 9 0 0	- - - 87	000 46	0 00 00	96 00 0	134 62	0 0 9 0 0	- - - 52	+ 2	0	0	0	6.1	10
	Leiah	000 71	0 27 02	97 00 0	112 87	0 0 9 0 0	- - - 88	000 46	0 00 00	97 00 0	142 55	0 0 9 0 0	- - - 50			0		6.6	8
	Multan	000 54	0 00 00	97 00 0	106 83	0 0 9 0 0	- - - 87	000 42	0 18 02	96 00 0	133 63	0 0 9 0 0	- - - 55	+ 3	+ 4	0	0	6.9	7
	Khanpur	000 59	0 00 00	95 05 0	106 82	0 0 9 0 0	- - - 85	000 45	2 00 00	95 05 0	128 61	0 0 9 0 2	0 9 × 54	- 2	+ 3	0	0	1.9	6
	Bahawalpur	000 67	0 00 00	97 00 0	095 80	0 0 9 0 0	- - - 88	000 48	3 00 00	97 03 0	127 54	0 0 9 0 8	- - - 52	+ 3	+ 1	0	0	4.5	6
	Fort Abbas	000 59	0 23 02	96 00 0	098 85	0 0 9 0 0	- - - 88	000 56	9 13 02	96 00 0	118 70	0 0 9 0 0	- - - ××		—	0		3.7	8
N. W. F. P.	Drosh *	000 28	0 00 00	99 00 0	008 59	0 0 9 0 0	- - - 66	000 30	3 00 00	99 02 1	046 45	0 0 9 4 0	- - - 44	+ 1	0	0.6	-	2.9	18
	Chakdara	000 47	0 00 00	99 00 0	094 70	— —	- - - 79	000 42	0 36 02	98 00 0	156 50	0 0 9 0 0	- - - 46		—	0.3	—	20.6	—
	Cherat *	000 34	0 36 04	97 00 0	095 64	0 0 9 0 0	- - - 68	000 34	0 38 06	97 00 0	999 60	0 0 9 0 0	- - - 53	+ 1	+ 7	0.1	- 0.1	28.9	29
	Peshawar	000 44	0 00 00	97 00 0	101 76	0 0 9 0 0	- - - 84	000 37	0 00 00	97 00 0	148 54	0 0 9 0 0	- - - 53	+ 7	+ 4	0.1	0	9.2	14
	Parachinar	000 21	0 18 02	99 00 0	977 65	0 0 9 0 0	- - - 69	000 20	0 60 00	99 00 0	967 43	0 0 9 0 0	- - - 43	+ 3	+ 3	0.2		26.7	29
	Miranshah	000 26	0 05 01	99 00 0	986 74	0 0 9 0 0	- - - 78	000 19	0 00 00	99 00 0	003 56	0 0 9 0 0	- - - 49			0	0	10.5	18
	Bannu	000 44	0 00 00	99 00 0	095 81	0 0 9 0 0	- - - 86	000 35	0 31 02	99 00 0	144 56	0 0 9 0 0	- - - 54	—	—	0		5.9	11
	D. I. Khan	000 55	0 00 00	96 00 0	104 82	0 0 9 0 0	- - - 85	000 38	0 00 00	96 00 0	147 52	0 0 9 0 0	- - - 52	+ 2	+ 3	0	- 0 1	2.8	9
	Wana																		11
	Landikotal	000 54	0 31 02	99 00 0	080 67	0 0 9 0 0	- - - 70	000 35	0 00 00	99 00 0	995 48	0 0 9 0 0	- - - 44		-	0	—	12 0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—		—
	Thull	××× ××	6 18 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - 45	—	—	—		—	—
BALUCHISTAN	Fort Sandeman*	000 26	0 00 00	96 05 4	001 72	0 0 9 0 0	- - - 74	000 19	0 00 00	96 05 0	020 50	0 0 9 0 0	- - - 41	+ 1	- 1	0	0	10.0	11
	Hindubagh	000 16	0 23 02	98 00 0	965 65	0 0 9 0 0	- - - 72	000 17	1 28 05	97 02 1	980 52	0 0 9 0 1	- - - 43			0	—	9.0	—
	Loralai	000 37	0 18 05	96 00 0	987 66	0 0 9 0 0	- - - 73	000 22	0 27 05	97 00 0	021 45	0 0 9 0 0	- - - 40	-	-	0		8.5	—
	Harnai (a)	000 ××	0 13 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —		-	0	- 0 1	10.6	14
	Sibi	000 23	0 23 05	95 00 0	101 83	0 0 9 0 0	- - - 90	000 29	0 00 00	98 00 0	136 53	0 0 9 0 0	- - - 51	-	-	0	-	3.8	5
	Quetta †	000 23	0 34 02	99 00 0	971 64	0 0 9 0 0	- - - 66	000 27	0 00 00	98 00 0	969 28	0 0 9 0 0	- - - 29	—	-	0	0	9.8	9
	Chaman	000 29	0 31 02	97 00 0	003 67	0 0 9 0 0	- - - 71	000 24	0 09 02	97 00 0	038 49	0 0 9 0 0	- - - 44	+ 2	+ 1	0	0	9.6	8
	Nushki	000 89	0 31 01	97 00 0	067 74	0 0 9 0 0	- - - 76	000 27	0 31 05	96 00 0	077 56	0 0 9 0 0	- - - 55		—	0		5.4	—
	Dalbandin *	000 23	0 09 03	95 05 0	005 76	0 0 9 0 0	- - - 75	000 18	0 00 00	95 05 0	019 42	0 0 9 0 0	- - - 38	- 1	- 4	0	0	1.8	4
	Nokkundi	000 46	0 00 00	98 00 0	126 81	0 0 9 0 0	- - - 88	000 19	0 34 02	99 00 0	166 52	0 0 9 0 0	- - - 51	—	-	0	-	0.9	2
	Kalat †	000 37	0 31 05	98 00 0	904 61	0 0 9 0 0	- - - 66	000 20	6 16 05	98 00 0	993 28	0 0 9 0 0	- - - 24	- 2	- 7	0	0	9.7	7
	Turbat	006 49	0 20 02	97 00 0	121 91	0 0 9 0 0	- - - 92	000 43	6 12 02	95 03 0	××× 67	0 0 9 0 1	- - - 59	—		0	—	1.4	—
	Panjgur *																		5
	Las Bela	000 56	0 00 00	99 00 0	987 91	0 0 9 0 0	- - - 96	000 59	0 00 00	98 00 0	120 64	0 0 9 0 0	- - - 60	-	-	0	—	1.7	8
	Ormara	000 68	0 18 05	96 00 0	101 86	0 0 9 0 0	- - - 86												6
	Pasni	000 47	0 18 05	98 00 0	106 87	0 0 9 0 0	0 2 2 88	000 48	0 27 05	96 00 0	114 67	0 0 9 0 0	- - - 65	+ 2	+ 5	0	- 0.1	4 9	6
	Jiwani																		4
SIND	Reti	000 44	0 21 03	96 00 0	105 85	0 0 9 0 0	- - - 88	000 33	0 18 03	96 00 0	121 57	0 0 9 0 0	- - - 52	—		0		2.2	—
	Jacobabad	000 00	0 25 05	95 05 0	110 83	0 0 9 0 0	- - - 86	000 45	5 31 02	96 02 0	126 59	0 0 9 0 1	- - - 57	- 1	+ 3	0	0	0.7	4
	Sukkur	000 49	0 ×× ××	96 00 0	106 85	0 0 9 0 0	- - - 90	000 52	6 ×× ××	96 02 1	123 62	0 0 9 0 4	4 6 × 60			0	—	1.0	4
	Padidan	000 48	0 00 00	97 00 1	109 84	0 0 9 0 0	- - - 87	000 51	0 00 00	98 02 1	129 58	0 0 9 0 8	- - - 56	—	—	0		0.9	—
	Karachi (Manora)	000 67	0 18 05	95 05 0	105 85	0 0 9 0 0	× 0 1 91	000 54	8 05 05	95 05 0	113 72	0 0 9 2 0	- - - 72	+ 5	+ 5	0	- 0 1	1.6	3
	Karachi (A. P.)	000 53	0 05 05	96 00 0	109 88	0 0 9 0 0	- - - 92	000 46	7 36 02	96 02 1	119 68	0 0 9 7 0	- - - 66			0		3.0	—
	Badin	000 55	0 36 02	97 00 0	100 88	0 0 9 0 0	- - - 94	000 50	7 36 02	97 02 2	120 63	0 0 9 1 0	- - - 61	+ 2	+ 1	0	- 0.1	7.0	9
	Nagarparkar																		—
	Chhor (Umarkot)	000 62	0 27 03	97 00 0	091 89	0 0 9 0 0	- - - 92	000 55	0 02 03	97 00 0	115 67	0 0 9 0 0	- - - 63	-	—	0		2.3	—
	Hyderabad	000 48	0 36 03	96 00 0	101 86	0 0 9 0 0	- - - 90	000 40	8 36 03	95 05 0	124 67	0 0 9 0 7	- - - 65	0	+ 4	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul							000 17	0 20 09	98 00 0	012 42	0 0 9 0 0	- - - 35		—	0	—	10.6	12
	Jalalabad	000 49	0 00 02	97 00 0	008 80	0 0 9 0 0	8 1 1 81	000 38	0 23 02	97 00 0	946 51	0 0 9 0 0	9 × × 48	—	—	0.1	—	7.0	—
	Kandahar	000 32	0 00 00	98 00 0	986 67	0 0 9 0 0	- - - 76	000 25	0 00 00	97 00 0	005 36	0 0 9 0 0	9 × × 28	—	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 15TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_mC_n$	$W_1D_sD_w$ T_xT_x	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_thC_mC_n$	$W_1D_sD_w$ T_nT_n	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Chabbar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Jask	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5
	Mashed	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
	Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12
Arabia	Muscat	--	000 66	0 36 02	97 00 0	122 80	0 0 9 0 0	- - - 85	000 64	0 31 02	96 00 0	137 77	0 0 9 0 0	- - - xx	+1	--	0	--	3 2	4
	Sharjah	--	000 xx	0 31 07	97 00 0	152 75	0 0 9 0 0	x 0 1 75	000 xx	0 27 05	97 00 0	176 66	0 0 9 0 0	- - - 62	--	--	0	--	--	5
	Kuwait	--																	1.5	

*Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rain fall.

Wireless Reports From Ships

SHIP	VQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_t hC_M C_n	D_s v_s app	8 N_s Ch_s h_s	O T_s T_s T_d T_d	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Candesa	43 088	673 03	5 26 18	99 01 1	098 85	22 6 01	6 5 120	--	0 11 83	1 25 22
British Marquis	48 182	667 06	8 05 28	95 65 5	065 68	87 4 --	7 2 205		0 53 77	1 06 22
Bharatratna	43 118	752 06	4 34 05	97 01 0	--	--		--	--	1 15 82
Masmpur	43 190	645 06	8 05 29	98 02 2	084 83	25 7 2-	--	--	--	--
British Marquis	43 190	657 12	8 05 30	96 60 5	072 77	27 4 20	7 4 705	--	0 53 73	1 21 25
Bharafani	43 216	696 12	8 20 08	96 05 1	084 86	×× × 24	--	--	--	--
Bharatratna	43 128	746 12	3 22 05	97 01 1	097 85	--		--	0 01 72	1 27 22
Candesa	48 088	648 18	2 27 15	99 02 0	106 82	21 6 00	6 5 125	--	--	--
Bharatrani	42 206	702 18	6 11 08	97 02 2	103 83	5× 6 20	--	--	0 04 74	1 05 21
Alavi	43 221	684 13	8 06 07	98 02 2	105 83	84 7 00	3 3 300	--	0 02 74	1 32 22
City of Windsor	43 708	568 18	4 32 09	98 02 1	113 80	41 4 00	6 4 325	--		
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiGG		PoPoPoToTo		TdoTdoTxoX1X2			PiPihihihi		T1T1Td1Td1Tx1 etc.			5555	hrhrPrPrPr			T1T1Td1Td1Tx1 etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 15	009 27	117 60	000 33	280 94	855 02	215 03	700 41	106 08	509 37	549 97	301 96	799 91	555 56	139 70	310 23	349 00	240 05	678 00	165 06	807 65	125 07	966.00	056 50	504 00

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	02 04	02 05	01 05	01 07	34 17	32 18				--	36 11	35 11	34 08	35 02	35 10	28 17	08 08	08 05	08 05	32 06	01 05	33 08		--
Chhor	33 05	02 05	02 06	01 04	34 04	29 10	26 20	25 26	26 35	--			--	--	--	--	07 12	06 11	01 11	26 09	36 06	28 11	26 14	24 19
Chittagong	05 02	06 02	15 08	04 02	×× ××	29 14	--		--	--	05 07	06 02	16 02		--	--	10 07	10 06	13 05	--	--		--	--
Cox's Bazar	31 07	36 04	08 05	36 06	28 11	29 09	31 24	30 25	--		35 07	32 01	17 03	23 13		--	07 07	09 05	13 06	16 17	36 06	29 10	29 18	20 21
Dacca	36 03	36 05	01 04	01 07	33 16	32 23	30 41		--	--	36 05	36 07	36 10	36 08	34 13	33 06	10 04	12 07	12 07	03 09	20 12	32 26		--
Dalbandin	--		08 06	01 02	35 04	34 06	32 14	28 26	29 33	--	--	-	06 06	04 09	31 05				08 04	06 12	20 16	35 16	28 20	26 22
Drosh		28 01		16 09	--	25 26	27 61			--	--		--	06 01	03 05	05 03	--	--	--		02 05	22 08	19 11	25 30
Fort Sandeman			--	27 00	08 01	24 05	29 14	29 29	28 43					20 05	29 08	27 07		--		25 05	29 17	31 31	22 15	--
Jacobabad	27 05	38 03	31 03	26 06	36 07	29 10	32 33	27 55	25 37	27 74	33 02	25 04	24 03	26 03	31 04	30 08	30 04	20 05	31 06	37 07	03 07	03 08		--
Jhelum	27 03	27 04	30 04	32 04	22 02	11 06	32 12	26 26	29 45	26 57	35 05	34 04	25 04	32 02	31 05	22 06	35 01	31 06	31 10	30 02	07 05	31 01	26 17	26 33
Jiwani																								
Karachi	07 08	07 06	09 07	09 04	08 02	30 07	25 17	26 20	25 33	26 44	03 11	04 11	04 12	09 10	13 07	19 05	07 16	07 12	04 09	06 06	24 04	20 06	28 07	27 19
Khanpur	21 02		24 03	29 07	33 06	30 11	21 23	26 33	26 41		24 07	24 06	25 04	34 03	01 11	32 09	20 06	24 07	29 07	31 06	03 06	01 03	28 19	--
Lahore	29 07	29 08	30 07	28 04	35 03	20 02	24 13	27 19	27 47	27 64	26 10	28 09	31 07	36 06	01 06	24 03	30 06	29 10	30 04	35 02	35 11	30 04	29 14	--
Multan	35 01	33 04	33 04	35 04	35 04	30 06	29 12	28 27			21 09	21 09	21 08	32 03	36 12	31 35	18 15	19 15	22 07	09 02	03 05	05 06	30 18	27 34
Peshawar		33 04	32 04	34 04	35 05	33 03	26 11	27 21	29 35	28 56	--	11 06	11 04	18 02	13 04	14 05								
Quetta					28 08	33 06	29 13	27 30	26 41	26 58		--	--	--	29 04	--	--	--	--	--	35 10	33 15	27 29	--
Bushire						-					--	--			--			--			--	--		--
Sharjah						-																--		--

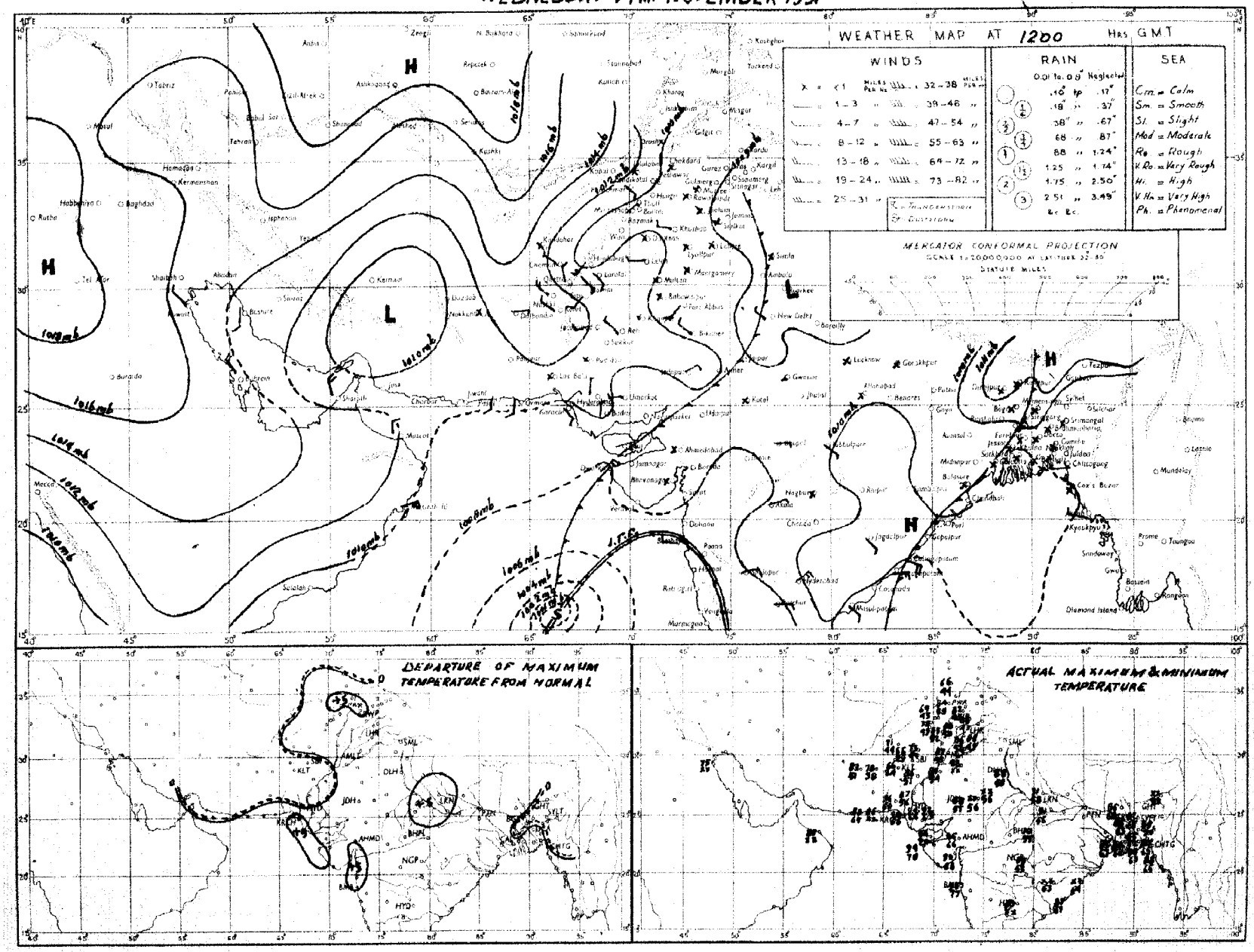
Cloud Observation Data (iiiGG Cddv, v_r)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

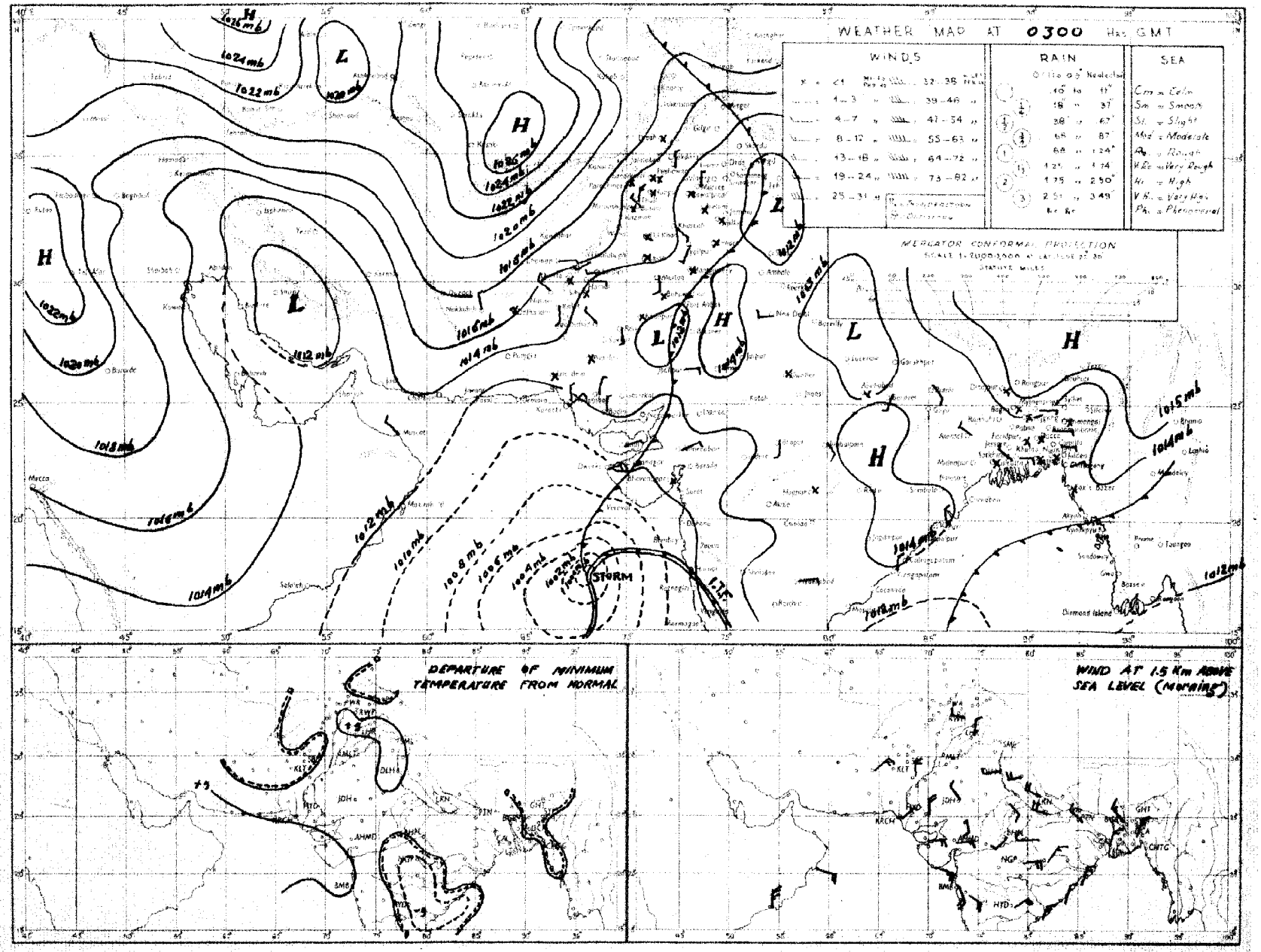
WEDNESDAY 14th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 15th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 16th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's cyclonic storm in east central Arabian Sea has intensified into a severe cyclonic storm with core of violent winds, and is centred at 0300 G. M. T. today within one degree of latitude 19 degrees north and longitude 67 degrees east. It is likely to move northnortheastwards and cross coast about 150 miles southeast of Karachi during next 24 hours.

Weather continue to be dry over the country.

Night temperatures were appreciably above normal in West Pakistan outside west Baluchistan.

Forecast valid until the evening of 17th:—Rain accompanied with high winds will occur in lower Sind. Dust raising winds are also likely in the south Punjab and Upper Sind.

Karachi-11.
The 16th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal TxTx	TnTn	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 65	0 00 00	96 01 1	101 79	0 0 9 0 0	- - - 89	000 65	0 00 00	97 01 1	128 81	0 0 9 0 0	- - - 63	+ 4	- 4	0.1	- 2.8	121.5	140
	Chittagong	000 63	0 30 02	96 00 1	098 77	0 0 9 0 0	- - - 87	000 65	3 07 02	97 02 1	128 78	0 0 9 0 1	0 9 × 66	+ 3	+ 1	0	- 1.5	134.5	108
	Noakhali	000 64	0 00 00	93 ×× 0	××× 80	0 0 9 0 0	- - - 84	000 67	0 00 00	95 01 4	××× 76	0 0 9 0 0	- - - 65	+ 1	0	0.6	- 0.6	—	115
	Comilla	000 69	0 00 00	97 00 0	110 75	0 0 9 0 0	- - - 82	000 66	4 18 02	98 03 1	129 77	4 4 7 0 0	- - - 70	- 3	+ 7	0.7	- 0.3	131.9	94
	Brahmanbaria	000 69	0 00 00	×× 00 0	115 80	0 0 9 0 0	- - - 86	000 68	5 00 00	97 03 1	131 80	0 0 9 0 4	0 8 × 68	-	-	0	- 0.9	65.5	78
	Dacca	000 67	2 00 00	×× 02 1	105 76	2 5 6 0 0	- - - 86	000 70	7 00 00	96 03 2	128 75	0 0 9 0 4	3 × × 62						77
	Narayanganj	000 66	0 00 00	×× 00 1	109 77	× × × × ×	6 × × 87	000 70	3 09 02	95 01 1	122 80	0 0 9 0 1	9 × 0 67	+ 3	+ 2	0	- 0.8	88.8	74
	Mymensingh	000 65	0 00 00	99 00 0	111 78	0 0 9 0 0	- - - 80	000 67	0 00 00	99 00 0	142 75	0 0 9 0 0	- - - ××	- 3	-	2.3	+ 1.5	64.0	91
	Srimangal	000 70	1 00 00	95 01 1	104 72	0 0 9 0 1	- - - 85	000 67	4 00 00	96 02 1	129 71	0 0 9 3 1	- - - 60	- 2	+ 1	0.2	- 1.0	105.4	98
	Khulna	000 67	× 00 00	96 00 0	103 77	0 0 9 0 2	- - - 85	000 68	7 02 02	98 00 0	136 77	0 0 9 0 1	- - - 68	+ 2	+ 3	0	- 1.0	58.4	68
	Satkhira	000 75	2 20 02	97 01 0	106 80	2 5 7 0 0	- - - 85	000 77	3 31 02	97 01 0	131 76	3 5 7 0 0	- - - ××	0	—	0	- 0.6	44.7	55
	Jessore	000 67	0 00 00	97 00 0	102 78	0 0 9 0 0	- - - 86	000 69	0 00 00	97 00 0	135 72	0 0 9 0 0	- - - 62	-		0	- 0.8	45.9	65
	Faridpur	000 66	3 00 00	95 05 0	106 80	0 0 9 0 8	9 7 × 80	000 67	3 02 02	96 05 0	134 79	0 0 9 0 8	- - - 65	- 2	+ 2	0.5	- 0.3	56.0	71
	Barisal	000 65	1 00 00	97 01 1	109 78	0 0 9 0 2	- - - 84	000 69	7 00 00	98 03 2	131 75	0 0 9 0 6	- - - 67	+ 1	+ 3	0.4	- 0.7	73.9	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 69	8 00 00	×× 02 2	107 78	0 0 9 0 7	0 0 9 83	000 67	0 00 00	98 00 0	144 75	0 0 9 0 0	- - - 66	-	—	1.3	- 0.7	67.2	64
	Bogra	000 66	5 00 00	98 01 1	104 77	0 0 9 0 1	- - - 85							+ 3					69
	Dinajpur	000 66	0 00 00	×× 00 0	116 76	0 0 9 0 0	- - - 85	000 64	0 00 00	97 00 0	152 76	0 0 9 0 0	- - - 61	+ 2	+ 1	0	- 0.3	48.6	72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - -	000 ××	3 07 02	98 02 1	- - —	0 0 9 1 0	- - - -			0.3	0	79.5	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 48	2 00 00	96 01 0	095 79	0 0 9 0 2	- - - 85	000 47	4 00 00	94 11 4	157 54	0 0 9 0 4	- - - 52	+ 3	+ 4	0	0	10.2	12
	Lahore	000 60	1 00 00	96 02 1	094 78	0 0 9 0 2	8 9 × 87	000 49	7 00 00	96 10 1	155 56	0 0 9 0 3	9 2 × 50	+ 3	+ 4	0	0	14.7	19
	Sialkot	000 52	0 00 00	97 00 0	094 76	0 0 9 0 0	- - - 83	000 49	1 00 00	97 03 0	164 62	0 0 9 0 2	- - - 54	+ 1	+ 5	0	- 0.1	18.7	32
	Jhelum	000 48	0 00 00	96 00 0	100 74	0 0 9 0 0	- - - 86	000 43	1 00 00	96 03 1	163 54	0 0 9 0 1	- - - 47	-	-	0	-	26.8	—
	Rawalpindi	000 47	0 00 00	98 00 0	104 69	0 0 9 0 0	- - - 83	000 39	0 00 00	97 00 0	167 54	0 0 9 0 0	- - - ××	+ 5		0	- 0.1	25.7	36
	Murree †	000 30	0 27 03	98 00 0	972 51	0 0 9 0 0	- - - 62	000 12	× ×× ××	98 00 0	003 51	0 0 9 0 0	- - - 44	+ 4	+ 3	0.1	- 0.2	45.2	59
	Attock	××× ××	0 18 02	98 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 09 02	99 00 0	— —	0 0 9 0 0	- - - -	-		—	—	—	—
	Khushab	000 54	0 20 02	98 00 0	092 85	0 0 9 0 0	- - - 87	000 43	0 11 02	99 00 0	155 56	0 0 9 0 0	- - - 48	+ 3	- 1	0	0	8.0	15
	Montgomery	000 65	0 00 00	96 00 0	100 82	0 0 9 0 0	- - - 87	000 51	4 31 03	96 10 1	153 55	0 0 9 0 1	- - - 51	+ 2	0	0	0	5.1	10
	Leiah	000 69	0 23 02	97 00 0	094 86	0 0 9 0 0	- - - 88	000 47	0 00 00	97 00 0	156 53	0 0 9 0 0	- - - 50			0	-	6.6	8
	Multan	000 49	0 18 02	97 00 0	103 82	0 0 9 0 0	- - - 88	000 43	8 03 02	95 01 1	158 63	0 0 9 7 0	- - - 53	+ 4	+ 3	0	0	6.9	7
	Khanpur							000 41	7 07 03	95 05 1	154 57	0 0 9 3 4	0 9 9 53		+ 2	0	0	1.9	6
	Bahawalpur	000 57	4 00 00	97 03 1	104 76	0 0 9 0 2	- - - 88	000 47	4 05 02	97 03 2	152 54	0 0 9 0 8	- - - 52	+ 3	+ 1	0	0	4.5	6
	Fort Abbas	000 61	0 23 02	96 00 0	108 84	0 0 9 0 0	- - - 89	000 59	0 23 02	96 00 0	153 72	0 0 9 0 0	- - - ××		—	0		3.7	8
N. W. F. P.	Drosh *	000 29	1 00 00	99 01 1	987 59	1 1 8 0 0	- - - 69	000 27	0 00 00	98 00 0	071 46	0 0 9 0 0	- - - 44	+ 4	+ 1	0.6	—	2.9	18
	Chakdara	000 47	0 23 02	99 00 0	096 69	0 0 9 0 0	- - - 78	000 20	0 00 00	98 00 0	174 48	0 0 9 0 0	- - - 41			0.3	—	20.6	—
	Cherat *	000 36	0 18 02	97 00 0	092 64	0 0 9 0 0	- - - 73	000 36	0 34 10	98 00 0	014 58	0 0 9 0 0	- - - 51	+ 6	+ 2	0.1	- 0.1	28.8	29
	Peshawar	000 45	0 00 03	96 00 0	103 74	0 0 9 0 0	- - - 82	000 32	0 18 02	96 00 0	163 57	0 0 9 0 0	- - - 47	+ 5	- 1	0.5	0	9.2	14
	Parachinar	000 16	0 00 00	99 00 0	964 59	0 0 9 0 0	- - - 69	000 24	0 00 00	99 00 0	990 46	0 0 9 0 0	- - - 42	+ 3	+ 3	0.2	-	28.7	29
	Miranshah	000 21	0 11 01	99 00 0	951 73	0 0 9 0 0	- - - 76	000 17	0 00 00	99 00 0	008 52	0 0 9 0 0	- - - 48		—	0	0	10.6	13
	Bannu	000 27	0 18 03	99 00 0	098 80	0 0 9 0 0	- - - 84	000 46	0 27 02	99 00 0	158 50	0 0 9 0 0	- - - 55	-	—	0		5.9	11
	D. I. Khan	000 60	0 11 01	97 00 0	087 81	0 0 9 0 0	- - - 81	000 36	0 00 00	98 00 0	159 52	0 0 9 0 0	- - - 52	- 2	+ 5	0	- 0.1	2.8	9
	Wana																		11
	Landikotal	000 44	0 00 00	99 00 0	979 67	0 0 9 0 0	- - - 73	000 34	0 00 00	99 00 0	012 45	0 0 9 0 0	- - - 48		-	0	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	—	—	—	—	—	—
	Thull	××× ××	0 23 00	99 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 36 00	99 00 0	— —	0 0 9 0 0	- - - -	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 21	0 00 00	96 05 0	996 71	0 0 9 0 0	- - - 76	000 16	1 00 00	97 01 0	055 58	0 0 9 0 1	- - - 40	+ 2	+ 1	0	0	10.0	11
	Hindubagh	000 24	1 27 09	97 02 1	976 68	7 0 × 74	000 07	1 31 12	98 03 1	997 41	0 0 9 0 2	3 9 × 32				0	—	9.0	—
	Loralai	000 26	0 00 00	98 00 0	976 67	0 0 9 0 0	- - - 73	000 22	6 27 05	96 03 1	991 42	0 0 9 0 7	- - - 88	-	-	0	—	8.5	—
	Harnai (a)	000 ××	0 27 02	95 00 0	— —	0 0 9 0 0	- - - -	000 ××	0 27 02	95 00 0	— —	0 0 9 0 0	- - - -	-	-	0	—	10.6	14
	Sibi	000 44	6 13 05	98 03 1	089 85	0 0 9 7 0	- - - 90	000 31	3 00 00	98 02 1	145 54	0 0 9 1 0	9 × 5 51	-	—	0	—	9.8	5
	Quetta †	000 21	2 34 05	99 00 0	970 65	0 0 9 0 2	- - - 66	000 27	1 00 00	98 10 0	984 45	0 0 9 0 2	- - - 27	—	—	0	—	9.3	9
	Chaman	000 39	0 25 03	97 00 0	999 69	0 0 9 0 0	- - - 71	000 28	0 11 02	97 00 0	038 47	0 0 9 0 0	- - - 45	+ 2	+ 3	0	0	9.6	8
	Nushki	000 36	3 31 10	97 01 0	055 74	0 0 9 0 1	3 × 0 76	000 32	2 11 10	96 01 1	079 53	0 0 9 0 1	- - - 50		—	0	—	5.4	—
	Dalbandin *	000 34	1 00 07	95 05 0	001 75	0 0 9 0 1	- - - 76	000 24	1 36 02	95 05 1	022 49	0 0 9 0 1	- - - 41	- 3	- 2	0	0	1.8	4
	Nokkundi	000 30	1 29 02	99 03 0	108 81	0 0 9 0 1	0 0 × 82	000 18	1 02 02	99 03 0	186 49	0 0 9 0 1	- - - 47	—	—	0	—	0.9	2
	Kalat †	000 35	5 31 05	98 03 1	983 60	0 0 9 0 4	8 4 0 64	000 27	5 18 05	98 03 1	001 32	0 0 9 0 4	- - - 27	0	- 3	0	0	9.7	7
	Turbat	006 37	0 04 03	96 08 2	102 83	0 0 9 0 1	- - - 91	000 26	7 08 03	95 03 2	129 73	0 0 9 0 1	- - - 56			0	—	1.4	—
	Panjgur *	000 10	8 05 10	97 03 1	985 72	0 0 9 0 4	- - - 75	000 35	8 05 02	97 03 1	968 45	0 0 9 0 0	- - - 42		- 2	0	—	3.2	5
	Las Bela	000 37	0 00 00	99 00 0	106 90	0 0 9 0 0	- - - 94	000 44	0 00 00	98 00 0	139 72	0 0 9 0 0	- - - 58	—		0	—	1.7	8
	Ormara	000 61	0 00 00	97 00 0	086 87	0 0 9 0 0	- - - 87	000 60	8 09 02	96 03 0	112 67	0 0 9 9 4	- - - 66		—	0	0	3.0	6
	Pasni	000 57	6 18 07	96 02 1	089 82	0 0 9 2 0	8 × × 86	000 51	6 31 03	96 02 1	114 62	0 0 9 2 0	- - - 62	0	+ 3	0	- 0.1	4.9	6
	Jiwani																		4
SIND	Reti	000 39	8 27 03	96 02 0	108 84	0 0 9 0 7	5 0 × 87	000 45	8 05 03	96 02 1	156 55	0 0 9 0 7	3 0 × 51	—		0	—	2.2	—
	Jacobabad	000 36	8 23 02	96 02 2	099 81	0 0 9 0 6	- - - 87	000 37	7 09 02	96 03 2	143 58	0 0 9 0 2	9 × × 55	0	+ 2	0	0	0.7	4
	Sukkur	000 51	8 ×× ××	95 02 1	099 83	0 0 9 0 7	8 0 × 85	000 47	8 ×××	96 02 1	137 62	0 0 9 0 7	9 6 × 58			0	—	1.0	4
	Padidan	000 48	6 00 00	97 03 1	101 81	0 0 9 0 8	- - - 82	000 47	7 05 02	98 02 2	133 59	0 0 9 0 4	9 6 × 55	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 50	8 05 09	97 02 2	084 84	0 0 9 1 0	0 × 9 88	000 45	7 05 13	94 05 2	118 72	0 0 9 7 0	- - - 71	+ 2	+ 5	0	- 0.1	1.6	3
	Karachi (*A. P.*)	000 47	7 07 07	96 03 2	086 87	0 0 9 1 8	- - - 90	000 47	7 00 00	96 02 2	117 67	0 0 9 3 8	- - - 65			0		3.0	—
	Badin	000 50	6 05 03	97 02 2	090 84	0 0 9 2 0	- - - 90	000 48	7 36 05	97 02 2	121 69	0 0 9 2 0	- - - 62	- 2	—	0	- 0.1	7.0	9
	Nagarparkar																		—
	Chhor (*Umarkot*)	000 59	7 34 03	97 00 0	093 85	0 0 9 3 4	- - - 89	000 45	8 02 07	97 02 0	125 72	0 2 × 6 0	- - - 64		—	0		2.2	—
	Hyderabad	000 50	× 05 03	95 02 2	094 82	0 0 9 0 7	- - - 85	000 48	8 36 05	95 05 1	128 65	0 0 9 5 0	- - - 63	- 5	+ 4	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 23	× ×× ××	98 00 0	000 63	0 0 9 0 0	- - - 65							—					12
	Jalalabad	000 43	0 00 00	97 00 0	007 78	0 0 9 0 0	- - - 81	000 38	0 27 02	97 00 0	016 55	0 0 9 0 0	- - - ××	—	—	—	—	—	—
	Kandahar	000 29	0 00 00	97 00 0	973 69	0 0 9 0 0	- - - 75							—					—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 16TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_n T_n$	Departure from Normal T_x T_x	T_n T_n	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
Arabia	Muscat	—	000 66	2 31 09	97 00	0 112 80	0 0 9 0 1	- - - 81	000 65	0 27 09	96 00 0	181 78	0 0 9 0 0	- - - xx	- 3	—	0	—	3 3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 xx	0 34 03	97 00	0 147 76	0 0 9 0 0	- - - 76	000 xx	0 27 05	97 00 0	166 69	0 0 9 0 0	- - - 64	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,856 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,690-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0800 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0800 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rain fall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s C_h h_s$	O $T_s T_s T_d T_d$	1$d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alavi	53 218	693 03	8 05 11	98 02 2	085 83	88 7 00	3 3 300	—	0 02 64	1 18 22
Chusan	53 187	624 08	8 34 13	92 03 2	058 81	47 2 67	1 8 602	—	—	—
Bharatra a	53 190	710 06	5 09 09	97 01 1	072 84	51 5 21	—	—	—	—
Chusan	53 169	635 06	6 34 21	—	053 79	xx x xx	2 8 827	—	0 51 78	—
Alavi	53 206	699 09	8 10 15	98 02 2	050 85	84 7 —	3 3 xxx	—	0 02 72	1 16 33
City of Rochister	53 200	667 08	8 05 37	—	068 71	—	—	—	—	—
Masimpur	53 159	644 18	8 31 28	97 14 2	040 82	29 6 27		—	—	—
Bharatroja	53 113	751 18	6 32 10	98 02 1	081 84	xx 8 6x	—	—	—	—
Bharatfani	53 178	114 18	1 11 12	97 01 0	063 81	11 5 00	—	—	—	—
Alavi	53 200	709 18	6 09 15	98 01 2	079 84	64 7 00	3 3 xxx	—	0 01 77	1 20 34
Strathmore	53 179	703 18	5 14 21	99 02 1	061 83	22 7 06	5 6 310	—	0 51 77	1 14 x4
Cilicia	53 225	656 18	8 06 24	98 02 2	082 81	84 4 6x	1 5 304	—	0 52 74	—
Jalaratna	53 209	717 18	8 35 06	98 03 2	090 84	00 9 52	—	—	—	—
Alavi	53 202	707 15	8 09 15	98 13 2	054 85	84 7 00	3 3 xxx		0 00 78	1 20 35
Bharatrani	53 185	710 12	6 16 15	97 02 2	084 83	32 4 x1	—		—	—
Cilicia	58 215	623 12	8 03 30	98 03 2	071 81	xx x xx	1 5 305	—	0 51 74	—
Chusan	53 192	652 12	8 28 28	95 65 0	063 81	87 x xx	2 8 630	—	—	—
Bharatraja	53 106	754 12	6 30 05	98 02 1	061 83	21 6 x8	—	—	—	—
Barontairla	52 222	681 12	x 04 20	98 60 2	073 79	60 9 70	3 3 702	—	—	—
Alavi	53 204	704 12	8 09 15	98 02 2	054 85	84 5 —	3 3 xxx	—	0 03 81	1 20 25
City of Poona	53 106	566 06	5 22 07	99 02 0	122 84	11 4 08	6 4 300	—	0 03 xx	1 35 23
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoXrXz	PrPrhrhrhr	TrTrTdrTdrTxr etc.	5555	hrhrPrPrPr	TrTrTdrTdrTxr etc.
1	2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18
Karachi	780 14	007 28	101 60	000 27	271 06	854 89	160 19	700 29	085 77
									555 55
									339 00
									200 45
									688 00
									145 12
									226 50
									059 97

19 20 21 22 23 24 25 26

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
nh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	01 04	35 03	32 03	03 04	30 08	38 08	—	—	—	—	02 10	01 05	36 05	02 04	02 03	—	34 04	22 05	38 04	10 04	05 04	30 12	28 37	—
Chhor	05 06	05 09	04 12	01 08	30 09	28 13	25 12	25 19	24 30	—	—	—	—	—	—	—	07 19	07 13	05 10	33 06	22 07	31 09	14 07	—
Chittagong	21 08	20 09	17 09	17 07	10 04	26 09	28 21	29 29	—	—	03 13	06 0x	13 03	18 04	—	—	07 10	07 04	12 03	xx xx	xx xx	27 11	—	—
Cox's Bazar	23 05	15 07	17 08	17 06	21 09	29 06	29 19	—	—	—	09 05	11 02	13 03	15 13	18 04	27 11	10 04	12 02	17 04	19 11	19 05	—	27 24	—
Dacca	05 02	04 04	05 03	03 08	36 07	32 19	—	—	—	—	04 09	05 06	05 06	05 04	33 01	—	09 04	09 05	10 06	07 07	05 09	30 20	28 36	28 49
Dalbandin	—	—	08 06	04 10	04 17	01 15	28 18	26 18	25 23	25 41	—	—	07 09	03 12	05 10	34 03	—	—	06 10	04 11	05 12	36 09	25 16	28 11
Drosh	—	—	—	—	23 02	18 08	21 18	25 25	—	—	—	—	—	08 01	02 05	02 06	—	—	—	—	05 11	35 23	24 12	29 53
Fort Sandeman	—	—	—	27 02	27 03	31 14	28 17	27 42	26 53	27 47	—	—	—	02 05	36 04	—	—	—	—	29 01	35 08	29 05	30 05	27 11
Jacobabad	31 03	34 04	32 04	35 07	01 08	25 09	30 18	27 21	—	—	27 03	24 04	16 05	16 05	10 05	01 10	05 04	15 01	12 02	05 04	04 09	09 11	28 17	—
Jhelum	15 02	29 04	30 04	32 03	19 02	22 05	26 13	26 32	26 47	—	36 05	32 09	31 11	31 10	34 06	36 10	03 03	31 06	31 09	31 10	34 07	34 08	28 11	28 05
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	06 09	06 11	06 11	07 06	18 08	22 06	23 05	25 11	25 27	25 87	06 16	09 11	11 07	05 11	03 08	03 05	07 21	08 17	07 13	05 11	11 09	12 09	—	—
Khanpur	21 06	22 05	27 07	31 05	05 06	30 06	30 18	—	—	—	01 01	06 04	34 01	01 08	03 02	02 04	06 07	08 08	00 09	03 11	06 13	03 33	—	—
Lahore	31 01	31 04	31 06	33 05	00 06	25 09	24 08	27 36	26 47	—	—	—	—	—	—	—	33 03	31 07	33 06	01 08	02 08	35 05	31 13	—
Multan	18 04	20 05	20 03	29 03	07 04	23 05	29 17	27 31	—	—	17 07	18 06	18 04	04 04	36 13	39 04	19 04	23 03	04 03	06 09	05 02	03 05	35 31	—
Peshawar		13 03	09 01	30 04	26 06	25 06	27 19	25 29	27 47	—	—	34 02	03 01	01 07	32 12	33 13	—	02 04	34 04	29 05	32 11	30 04	33 06	30 13
Quetta	—	—	—	—	32 09	33 12	27 21	27 31	—	—	—	—	—	—	30 03	—	—	—	—	—	35 06	36 08	26 11	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shariah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v,)

Cox's Bazar 41117

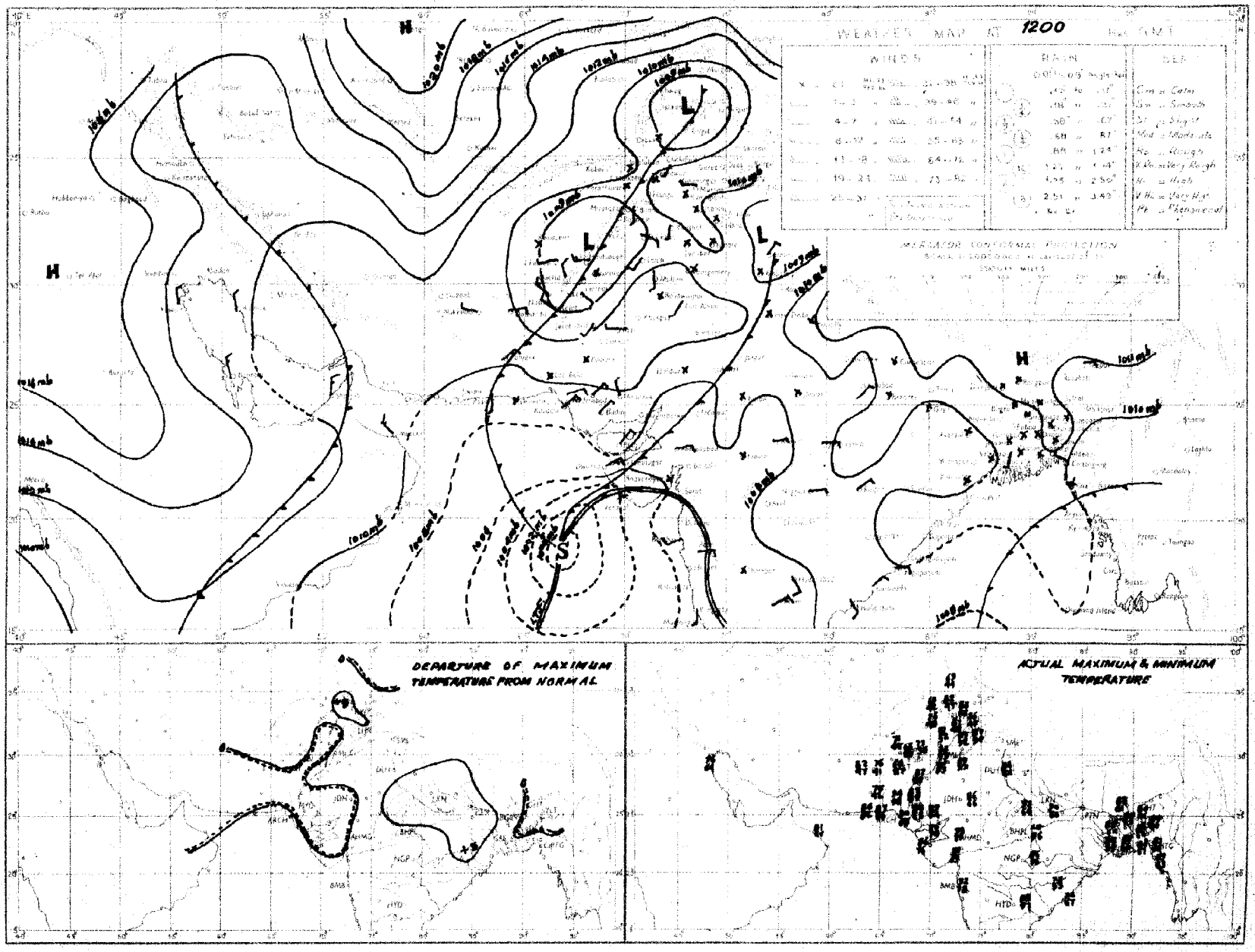
Lahore 64002 633xx

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

THURSDAY 15th: NOVEMBER 1951

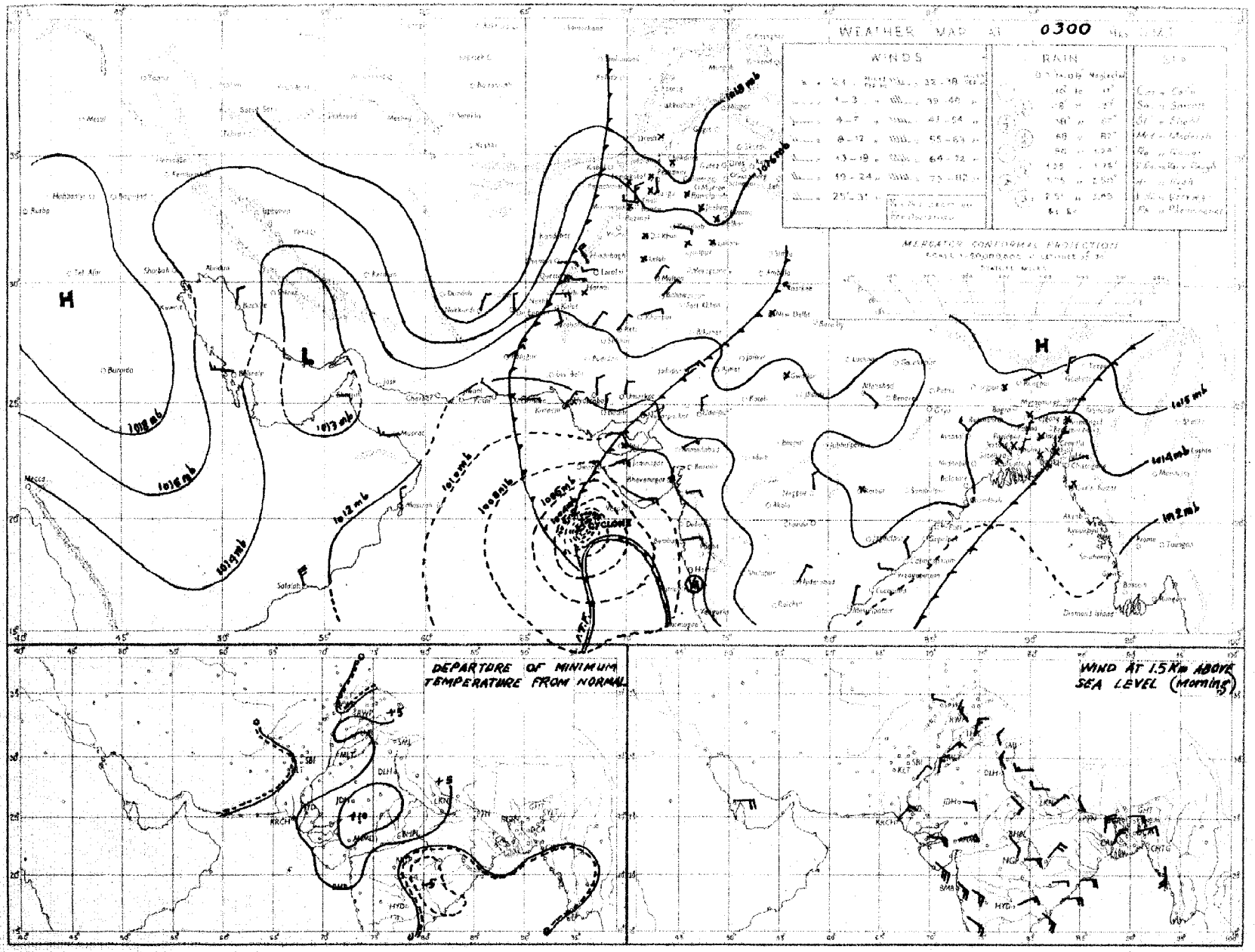


Rainfall amounts indicated in the above chart refer to past 24 hours.

87033

PAKISTAN DAILY WEATHER MAP

FRIDAY 16th. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 17th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's severe cyclonic storm in northeast Arabian Sea weakened rapidly and lies at 0300 G. M. T. today as a deep depression about seventy miles southwest of Dawarka. It is likely to move north-northeastwards and cross coast in the neighbourhood of Dawarka during next six hours.

Widespread rain/drizzle, and moderate gales from few stations have been reported from lower Sind.

Night temperatures were appreciably to markedly above normal in the Punjab, Sind, northeast Baluchistan and East Pakistan.

Forecast valid until the evening of 18th :—High winds and cloudy weather with occasional rain/drizzle will occur in lower Sind and dustraising winds and cloudy weather in upper Sind and the south Punjab.

Karachi-11.
The 17th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 62	0 00 00	94 00 0	108 76	0 0 9 0 0	- - - 89	000 68	0 00 00	97 00 0	128 79	0 0 9 0 0	- - - 64	+ 3	- 3	0.1	- 2.3	121.5	140
	Chittagong	000 51	0 31 02	96 00 1	097 77	0 0 9 0 0	- - - 87	000 68	2 07 02	97 02 1	124 77	0 0 9 0 9	0 9 × 64	+ 3	- 1	0	- 1.5	184.5	108
	Noakhali	000 69	0 00 00	×× ×× ×	××× 77	0 0 9 0 0	- - - 85	000 68	0 00 00	×× ×× ×	××× 76	0 0 9 0 0	- - - 66	+ 2	+ 1	0.6	- 0.6	—	115
	Comilla	000 70	0 00 00	97 00 0	101 76	0 0 9 0 0	- - - 82	000 64	4 27 02	98 01 1	127 73	0 0 9 2 0	- - - 66	- 3	+ 3	0.7	- 0.3	131.9	94
	Brahmanbaria	000 68	0 00 00	×× 00 1	098 80	0 0 9 0 0	- - - 86	000 70	5 05 02	97 03 1	131 78	0 0 9 4 0	- - - 68	-	—	0	- 1.0	65.5	78
	Dacca	000 67	3 00 00	×× 01 2	099 75	1 1 6 4 0	7 × × 86	000 72	5 00 00	97 02 1	128 79	0 0 9 3 0	9 2 × 63		—				
	Narayanganj	000 67	1 00 00	×× 01 1	090 78	0 0 9 0 8	9 0 × 89	000 70	5 36 02	95 01 1	129 76	0 0 9 0 9	9 0 × 68	+ 5	+ 3	0	- 0.8	88.8	74
	Mymensingh	000 69	0 00 00	99 00 0	094 78	0 0 9 0 0	- - - 82	000 67	0 00 00	99 00 0	135 76	0 0 9 0 0	- - - 67	- 1	+ 3	2.3	+ 1.5	64.0	91
	Srimangal	000 71	1 00 00	×× 01 1	100 74	1 2 6 0 0	- - - 85	000 69	5 00 00	96 02 1	129 75	0 0 9 3 1	- - - 59	- 2	0	0.2	- 1.0	105.4	98
	Khulna	000 68	2 00 00	97 00 0	103 79	0 0 9 0 1	- - - 85	000 67	0 09 02	98 00 0	131 78	0 0 9 0 0	- - - ××	+ 2	—	0	- 1 0	58.4	66
	Satkhira	000 68	0 00 00	98 00 1	101 78	0 0 9 0 0	- - - 85	000 73	2 31 02	97 01 1	124 77	2 5 7 0 0	- - - 64	0	+ 1	0	- 0.7	44.7	55
	Jessore	000 67	1 00 00	97 01 1	101 75	1 1 6 0 0	- - - 85	000 74	1 05 02	97 01 1	127 78	0 0 9 8 0	0 × 0 61	—		0	- 0.8	45.9	65
	Faridpur	000 68	8 00 00	95 05 0	100 78	2 6 8 0 8	9 7 8 78	000 68	4 11 02	96 05 0	129 79	0 0 9 0 8	9 7 × 66	- 4	+ 3	0.5	- 0.4	56.0	71
	Barisal	000 67	4 00 00	97 01 1	099 79	0 0 9 0 6	- - - 83	000 67	1 05 02	98 01 1	129 76	0 0 9 5 0	- - - 67	0	+ 3	0.4	- 0.8	73.9	81
	Pabna																		59
	Rampu Boalia																		56
	Sirajganj	000 66	8 00 00	×× 02 2	098 77	0 0 9 0 7	- - - 78	000 70	8 00 00	97 02 2	128 73	0 0 9 6 0	0 0 0 65	—	+ 3	1.3	+ 0.1	67.2	44
	Bogra	000 69	2 00 00	96 01 0	101 76	0 0 9 0 1	- - - 85	000 67	2 05 02	95 01 1	133 74	0 0 9 0 1	- - - 64	+ 3	+ 2	1.2	+ 0 5	46.2	69
	Dinajpur	000 64	0 00 00	×× 00 0	115 75	0 0 9 0 0	- - - 85	000 63	0 00 00	97 00 0	145 76	0 0 9 0 9	- - - 62	+ 2	+ 2	..	- 0.3	48.6	72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - -	000 ××	0 09 02	98 02 1	— —	0 0 9 0 0	- - - -	—		0.8	0	79.5	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Aliabad																		
PUNJAB	Lyallpur	000 41	2 00 00	96 01 0	107 81	0 0 9 0 2	- - - 84	000 45	4 29 02	96 01 0	139 54	0 0 9 0 4	- - - 51	+ 3	4 3	0	0	10.2	12
	Lahore	000 53	6 00 00	96 03 1	115 76	0 0 9 0 1	- - - 85	000 49	7 00 00	94 10 1	155 56	0 0 9 0 3	9 7 × 50	+ 2	+ 4	0	0	14.7	19
	Sialkot	000 51	2 00 00	97 03 1	091 75	0 0 9 0 1	- - - 83	000 44	8 31 02	97 02 1	147 63	0 0 9 0 2	- - - 52	+ 3	+ 3	0	- 0.1	18.7	22
	Jhelum	000 39	6 27 03	96 00 0	109 77	0 0 9 0 0	- - - 86	000 37	1 00 00	96 01 1	165 55	0 0 9 0 1	- - - 44	—		0	-	26.8	
	Rawalpindi	000 41	0 00 00	98 00 0	106 71	0 0 9 0 0	- - - 81	000 44	0 00 00	×× 05 0	163 49	0 0 9 0 0	- - - 44	+ 4	+ 1	0	- 0.2	25.7	36
	Murree †	000 21	0 00 00	98 00 0	080 52	0 0 9 0 0	- - - 62	000 15	2 23 03	96 01 1	086 50	0 0 9 0 4	2 1 × 47	+ 6	+ 6	0.1	- 0.2	45.2	59
	Attock	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 09 00	97 00 0	— —	0 0 9 0 0	- - - -	—		—		—	
	Khushab	000 53	1 29 05	99 01 1	112 81	0 0 9 0 9	- - - 87	000 41	1 02 02	99 01 1	152 52	0 0 9 0 4	- - - 48	+ 5	- 1	0	0	8.0	15
	Montgomery	000 62	3 00 00	96 01 1	118 81	0 0 9 0 3	9 0 × 84	000 52	8 31 03	96 02 1	137 57	0 0 9 7 -	9 × 0 54	+ 1	+ 3	0	0	6.1	10
	Lelah	000 68	0 00 00	97 00 0	121 86	0 0 9 0 0	- - - 87	000 47	0 00 00	97 00 0	148 55	0 0 9 0 0	- - - 50			0		6.6	8
	Multan	000 46	8 00 00	97 01 1	128 81	0 0 9 7 0	9 0 0 85	000 45	8 00 00	95 02 1	156 63	0 0 9 7 0	9 9 0 56	+ 3	+ 6	0	0	6.7	7
	Khanpur	000 48	7 38 03	94 04 1	126 76	0 0 9 0 4	- - - 84	000 46	8 09 03	94 04 1	147 63	0 0 9 7 0	- - - 57	- 3	+ 6	0	0	1.9	6
	Bahawalpur	000 58	4 00 00	97 03 1	128 73	0 0 9 0 2	6 9 - 81	000 51	7 00 00	97 03 1	146 58	0 0 9 5 8	9 0 5 54	- 4	+ 3	0	0	4.5	6
	Fort Abbas	000 60	0 12 03	96 00 0	××× 70	0 0 9 0 0	- - - 84	000 55	5 04 02	96 03 0	××× 66	0 0 9 3 0	0 × 8 ××		—	0		3.7	8
N. W. F. P.	Drosh *	000 18	0 00 00	99 00 0	022 61	0 0 9 0 0	- - - 67	000 23	0 00 00	98 00 0	074 47	0 0 9 0 0	- - - 39	+ 3	- 4	0.6	—	2.9	18
	Chakdara	000 38	0 00 00	99 00 0	104 61	0 0 9 0 0	- - - 78	000 36	0 00 00	98 00 0	179 47	0 0 9 0 0	- - - 42			0.3	—	20.6	
	Cherat *	000 37	0 34 02	97 00 0	099 64	0 0 9 0 0	- - - 73	000 32	0 34 21	98 00 0	011 57	0 0 9 0 0	- - - 56	+ 8	+ 7	0.1	- 0.1	28.9	29
	Peshawar	000 35	0 13 02	96 00 0	112 75	0 0 9 0 0	- - - 83	000 29	1 00 00	97 01 1	164 52	0 0 9 0 1	- - - 47	+ 7	- 1	0.1	0	9.2	14
	Parachinar	000 14	0 13 02	99 00 0	080 64	0 0 9 0 0	- - - 79	000 15	0 36 02	99 00 0	083 48	0 0 9 0 0	- - - 41	+ 8	+ 2	0.2		28.7	29
	Miranshah	000 19	0 11 03	99 00 0	096 75	0 0 9 0 0	- - - 77	000 14	0 05 01	99 00 0	005 52	0 0 9 0 0	- - - 47			0	0	10.5	13
	Bannu	000 25	0 18 02	99 00 0	130 88	0 0 9 0 0	- - - 85	000 29	0 29 03	99 00 0	158 58	0 0 9 0 0	- - - 51	—	—	0		5.9	11
	D. I. Khan	000 49	0 00 00	97 00 0	109 75	0 0 9 0 0	- - - 83	000 39	0 00 00	96 00 0	153 ××	0 0 9 0 0	- - - 52	+ 2	+ 5	0	- 0 1	2.8	9
	Wana																		11
	Landikotal	000 41	0 00 00	99 00 0	090 65	0 0 9 0 0	- - - 71	000 31	0 00 00	99 00 0	012 56	0 0 9 0 0	- - - 44	—	—	0	—	12 0	
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	—	—	—	—		
	Thull	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - -	—	—	—	—	—	
BALUCHISTAN	Fort Sandeman*	000 21	5 00 00	97 01 1	092 71	0 0 9 0 1	- - - 75	000 11	2 00 00	95 01 1	057 46	0 0 9 0 1	1 × × 39	+ 5	+ 2	0	0	10.0	11
	Hindubagh	000 08	5 09 05	97 03 1	071 65	5 2 8 0 0	7 × × 71	000 01	4 27 05	98 03 1	097 41	4 2 8 0 0	- - - 31			0	—	9.0	
	Loralai	000 34	8 00 00	96 03 1	088 66	0 0 9 0 7	- - - 72	000 17	6 27 02	97 03 1	030 3×	0 0 9 0 4	- - - 37	—	—	0	—	8.5	
	Harnai (a)	000 ××	2 18 02	95 00 0	— —	0 0 9 0 2	- - - -	000 ××	3 18 05	94 01 0	—	0 0 9 3 0	- - - -		—	0	- 0 1	10.6	14
	Sibi	000 28	2 25 05	99 02 1	108 84	0 0 9 1 0	- - - 87	000 34	4 00 00	98 01 1	152 54	0 0 9 7 0	9 × 5 51		—	0	-	3.8	5
	Quetta †	000 23	8 34 05	99 01 1	072 66	0 0 9 0 8	- - - 68	000 ××	2 00 00	99 00 0	083 41	0 0 9 0 5	- - - 26	—	—	0	0	9 3	9
	Chaman	000 38	0 31 02	97 00 0	004 68	0 0 9 0 0	- - - 73	000 30	0 09 02	97 00 0	043 47	0 0 9 0 0	- - - 43	+ 6	+ 5	0	0	9.6	8
	Nushki	000 40	3 27 10	97 03 1	057 73	0 0 9 0 1	9 9 0 74	000 31	5 09 16	96 03 1	081 56	0 0 9 0 1	9 9 0 49		—	0	—	5.4	
	Dalbandin *	000 37	2 11 03	95 05 1	001 74	0 0 9 0 4	- - - 75	000 20	2 00 00	96 01 1	025 39	0 0 9 0 2	- - - 36	+ 2	- 3	0	0	1.8	4
	Nokkundi	000 49	2 11 02	99 03 1	104 80	0 0 9 0 1	- - - 83	000 19	2 00 00	99 03 1	139 51	0 0 9 0 1	9 0 × 48	—	—	0	—	0.9	2
	Kalat †	000 43	4 36 05	98 03 1	078 65	0 0 9 0 4	9 4 0 68	000 24	4 18 05	98 03 1	004 32	0 0 9 0 4	9 4 0 29	+ 6	- 1	0	0	9.7	7
	Turbat	000 33	0 02 05	02	2 097 90	0 0 9 0 0	9 × 0 93	000 23	0 12 02	95 02 2	137 68	0 0 9 0 1	9 × 0 65			0	—	1.4	
	Panjgur *	000 50	8 36 02	97 03 1	084 72	0 0 9 0 4	9 4 0 74	000 23	8 05 05	97 03 1	008 46	1 1 8 0 4	9 4 0 42	+ 1	- 2	0	—	3.2	5
	Las Bela	000 49	0 22 02	99 00 0	085 91	0 0 9 0 0	- - - 94	000 46	0 00 00	97 00 0	429 73	0 0 9 0 0	- - - 64	—		0	—	1.7	8
	Ormara	000 73	8 09 09	97 03 0	090 84	0 0 9 0 4	- - - 86	000 61	8 09 02	96 03 0	117 69	0 0 9 5 0	- - - 67	—	—	0	0	3.1	6
	Pasni	000 60	8 13 07	97 03 1	090 81	0 0 9 0 4	9 9 × 86	000 46	6 31 03	96 02 1	120 62	0 0 9 0 4	9 6 × 61	+ 1	+ 2	0	- 0.1	4.9	6
	Jiwani																		4
SIND	Reti	000 37	8 36 03	96 02 1	126 83	0 0 9 0 7	- - - 86	000 43	8 09 05	96 02 1	154 63	0 0 9 0 7	3 0 × 54	—		0	-	2.2	
	Jacobabad	000 33	7 00 00	93 02 2	123 79	0 0 9 0 1	- - - 83	000 41	8 16 02	93 10 2	141 64	0 0 9 7 0	- - - 58	- 2	+ 5	0	0	0.7	4
	Sukkur	000 45	8 02 ××	96 02 1	111 83	0 0 9 0 7	- - - 85	000 50	8 ××× ××	96 03 2	148 65	0 0 9 5 -	9 × 6 62			0	—	1.0	4
	Padidan	000 54	6 00 00	98 02 2	111 82	0 0 9 0 8	- - - 85	000 44	8 05 05	97 03 2	142 66	8 6 7 - -	- - - 59	—	—	0	—	0.9	
	Karachi (*Manora*)	000 39	8 07 13	95 07 2	095 81	0 0 9 2 0	0 × 9 84	000 60	8 05 13	98 03 6	118 72	0 0 9 2 -	0 × 9 69	0	+ 3	0	- 0 1	1.6	3
	Karachi (*A. P.*)	000 43	8 07 21	95 51 2	093 83	0 0 9 8 -	- - - 85	000 59	8 38 14	96 50 6	112 71	0 0 9 2 -	9 × × 65	—		0		3.0	
	Badin	000 57	× 31 02	96 03 5	105 72	××××	- - - 80	000 52	8 36 07	97 03 5	131 71	0 0 9 6 -	- - - 68		—	0	- 0.1	7.0	9
	Nagarparkar																		
	Ohbor (*Umarkot*)	000 47	8 05 09	97 03 0	090 79	0 0 9 2 0	- - - 87	000 58	8 36 07	97 02 0	117 70	0 0 9 2 0	- - - 68		—	0		2.3	
	Hyderabad	000 46	8 05 03	96 03 6	107 78	0 0 9 2 0	- - - 80	000 53	8 02 03	96 03 6	129 68	0 0 9 2 0	2 × × 64	- 8	+ 5	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 21	0 02 02	99 00 0	011 60	0 0 9 0 0	- - - 64	000 10	0 02 02	99 00 0	025 33	0 0 9 0 0	- - - 32	—	—	0	—	10.6	12
	Jalalabad							000 35	0 28 02	97 00 0	016 54	0 0 9 0 0	9 × × 45		—	0.1	—	7.0	
	Kandahar	000 54	0 00 00	98 00 0	083 71	0 0 9 0 0	- - - 76	000 27	0 00 00	97 00 0	023 34	0 0 9 0 0	- - - 28	—	—	0	—	10.5	

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 17TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_sD_wT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1D_sD_wT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14
Arabia	Muscat	000 69	0 21 09	99 00	0107 80	0 0 9 0 0	— — — 81	000 63	0 18 02	99 00 0	133 73	0 0 9 0 0	— — — ××	— 2	—	0	—	3 2	4
	Bharjah	000 ××	0 29 06	97 00 0	148 78	0 0 9 0 0	— — — 79	000 ××	0 29 05	97 00 0	156 69	0 0 9 0 0	— — — 65	—	—	0	—	1.5	4
	Kuwait																		5

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 8 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Strathmore	63 165	669 06	8 20 26	98 18 2	088 82	73 6 2×	6 6 210	—	0 00 75	1 27 ×9
Chusan	63 186	723 06	× 14 12	83 01 5	046 83	32 4 6×	2 8 120	—	0 02 76	—
Alavi	63 192	723 06	2 14 09	99 02 0	099 84	22 6 00	3 3 ×××	—	0 02 74	1 20 22
Bharatrani	63 162	726 06	3 18 10	97 02 0	009 86	31 5 00	—	—	—	—
Bharatraja	63 127	746 06	2 01 02	98 01 0	095 87	21 7 ××	—	—	—	—
Cilicia	63 235	849 00	8 07 13	98 02 2	082 80	54 4 ×2	1 5 302	—	—	—
Straithmore	63 172	687 00	8 18 24	×× ×× ×	××× ××	56 6 20	0 5 375	—	—	1 15 ×5
Dara	63 195	730 06	6 13 06	98 02 1	101 83	42 7 01	3 5 300	—	0 03 79	1 18 ××
Benurackie	63 076	749 06	6 32 09	98 02 1	096 83	11 × 7×	6 4 300	—	0 08 74	1 32 22
Daressa	63 216	695 06	6 07 04	98 02 2	090 82	61 6 70	7 6 110	—	0 03 62	—
Strathmore	63 165	661 09	8 24 21	98 18 2	021 81	68 6 2×	6 6 917	—	0 01 75	1 24 ×7
Bharatraja	63 135	743 12	3 30 04	98 02 0	064 86	11 6 ×1	—	—	—	—
Bharatrani	63 151	728 12	2 20 06	97 02 0	007 90	22 6 ××	—	—	—	—
Baronfairlie	63 201	708 12	5 12 20	98 03 1	059 89	×7 6 09	3 3 401	—	—	—
Daressa	63 226	684 12	8 04 06	98 02 2	083 82	37 6 90	—	—	—	—
Strathmore	63 164	652 12	8 28 20	98 02 2	031 80	32 6 2×	6 6 820	—	0 00 74	1 29 ×6
Strathmore	63 162	644 12	2 30 20	98 01 1	057 80	26 6 00	6 6 350	8 × ×××	0 00 74	1 20 ××
Masirpur	63 124	666 12	4 22 20	98 02 0	057 84	22 5 21	5 4 ×××	—	—	—
Daresha	63 285	678 17	7 07 07	97 18 2	088 77	72 7 —	7 5 520	—	0 01 65	—
Jalamayur	63 083	717 18	6 29 03	98 02 0	076 83	61 6 2×	—	—	—	—
Bhratrani	63 143	732 18	0 23 06	97 02 0	009 84	00 9 00	—	—	—	—
Jalaratna	63 211	720 18	3 05 02	98 01 2	045 84	00 9 01	—	—	—	—
Bharatraja	63 145	740 18	0 33 02	98 00 0	087 84	×× × ××	—	—	—	—
Strathmore	63 160	634 18	7 32 16	99 18 1	061 80	71 7 ××	—	—	—	—
Benurackie	63 077	728 18	6 20 05	98 02 2	093 83	00 9 11	0 0 773	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)
of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			PrPrhrhrhr		TrTrTdrTdrTx1 etc.				5555	hrhrPrPrPr			TrTrTdrTdrTx1 etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	008 26	109 60	000 33	261 02	854 95	151 29	700 28	070 56	509 17	559 97	555 55	389 00	181 26	668 00	181 04	446 00	010 14	484 00	619 97	383 69	669 97			

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	36 04	32 04	32 04	35 04	04 01	28 19	28 35	—	—	—	36 07	34 07	31 06	28 01	08 01	28 19	05 04	08 05	07 08	05 04	09 06	19 07	28 36	—
Ohbor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	04 25	04 25	02 23	06 12	12 12	12 22	—	—
Chittagong	36 08	36 05	05 06	14 06	17 08	—	—	—	—	—	03 11	03 05	32 04	17 08	26 02	25 17	07 04	09 01	17 02	13 10	22 06	25 17	26 31	—
Cox's Bazar	29 10	34 06	04 08	14 07	19 08	25 10	—	—	—	—	36 12	35 06	26 04	23 06	23 15	23 10	18 11	16 04	19 05	21 17	23 10	28 22	29 27	—
Dacca	36 05	02 03	05 03	07 07	13 10	28 15	—	—	—	—	02 08	01 08	36 06	01 04	34 05	27 19	04 07	03 08	01 08	03 08	36 04	23 16	28 31	—
Dalbandin	—	—	07 07	05 10	00 27	04 10	26 13	26 13	—	—	—	—	07 05	03 07	02 13	04 09	—	—	08 03	04 13	02 11	00 11	05 06	05 11
Drosh	—	—	—	—	03 11	36 11	21 05	27 26	27 35	—	—	—	—	05 01	—	36 07	05 12	01 25	01 13	01 16	36 19	34 15	—	—
Fort Sandeman	—	—	—	30 01	19 03	23 07	27 09	27 17	27 35	25 73	—	—	—	17 03	23 10	33 09	—	—	—	30 02	29 08	30 10	23 06	30 25
Jacobabad	18 09	05 02	02 03	02 07	08 08	18 03	25 10	25 10	—	—	36 04	07 04	11 04	04 05	05 07	07 11	28 05	02 05	04 03	03 04	04 07	09 13	23 06	—
Jhelum	—	—	—	—	—	—	—	—	—	—	33 01	30 04	30 09	31 10	31 07	32 07	28 98	30 08	31 08	33 11	32 12	33 03	28 09	27 17
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	07 28	06 03	07 24	08 21	12 13	14 18	15 21	—	—	—	04 22	05 09	06 09	13 16	—	—	06 22	06 20	06 18	09 19	09 20	12 16	—	—
Khanpur	05 04	07 06	08 09	05 15	06 10	15 03	27 15	26 17	—	—	06 08	06 04	32 03	05 08	04 09	21 03	09 08	09 06	01 08	04 10	04 12	25 07	17 10	25 27
Lahore	—	—	—	—	—	—	—	—	—	—	30 09	32 10	35 13	36 06	33 15	31 06	32 98	31 11	31 11	31 10	36 10	33 11	26 14	27 28
Multan	20 01	20 03	24 01	07 07	05 05	24 03	—	—	—	—	22 09	30 06	11 03	36 04	36 07	05 05	25 03	13 66	12 07	01 05	36 17	31 03	29 14	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—	34 04	34 05	31 08	33 07	35 04	—	14 06	15 04	31 12	34 17	31 17	27 17	27 17
Quetta					25 04	13 04	28 14	27 21	25 47	26 78	—	—	—	—	30 07	—	—	—	—		25 05	32 04	31 10	—
Bushire						—					—	—			—						—	—		—
Sharjah						—																—		

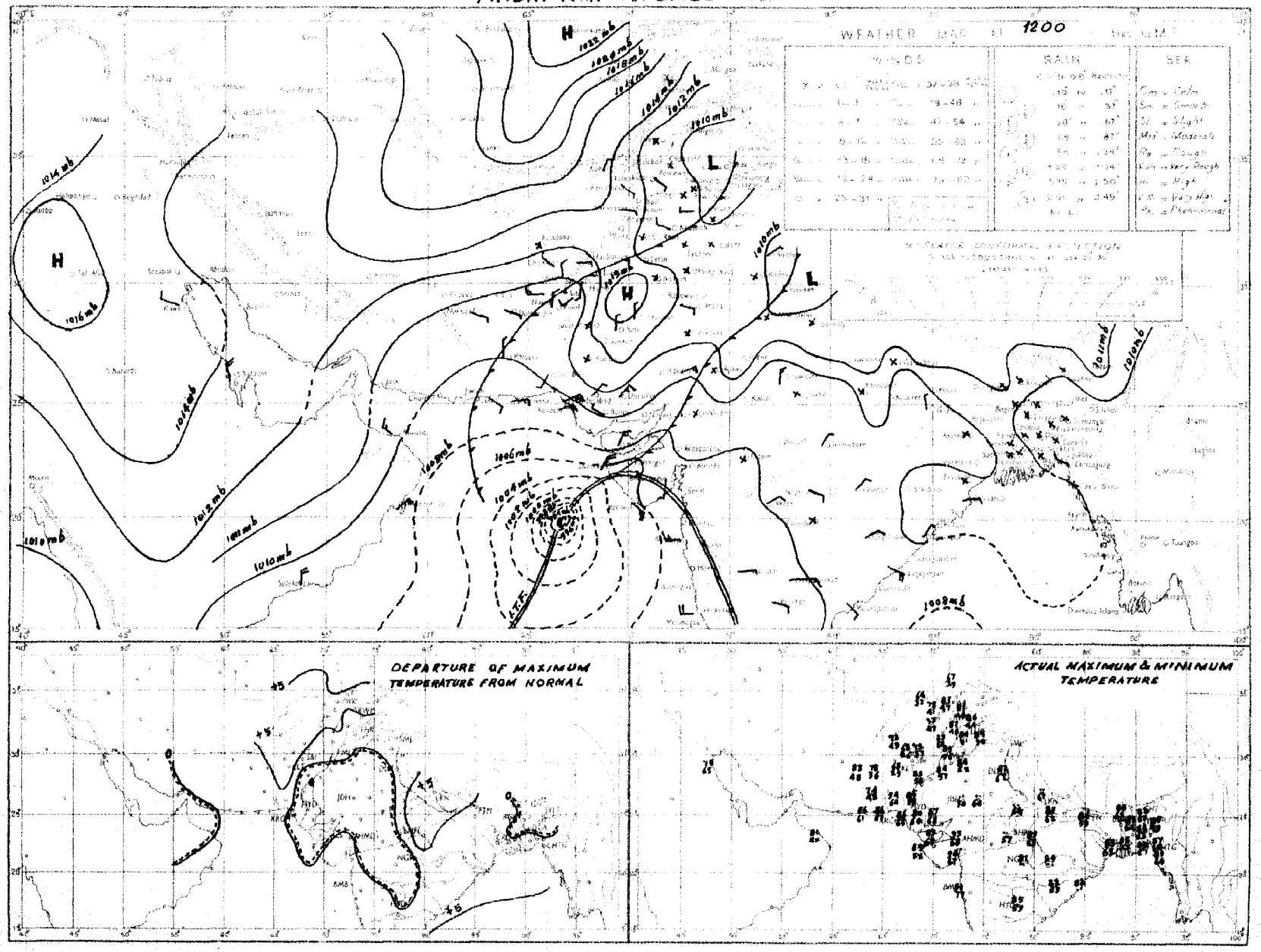
Cloud Observation Data (iiiGG Cddv, v_r)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

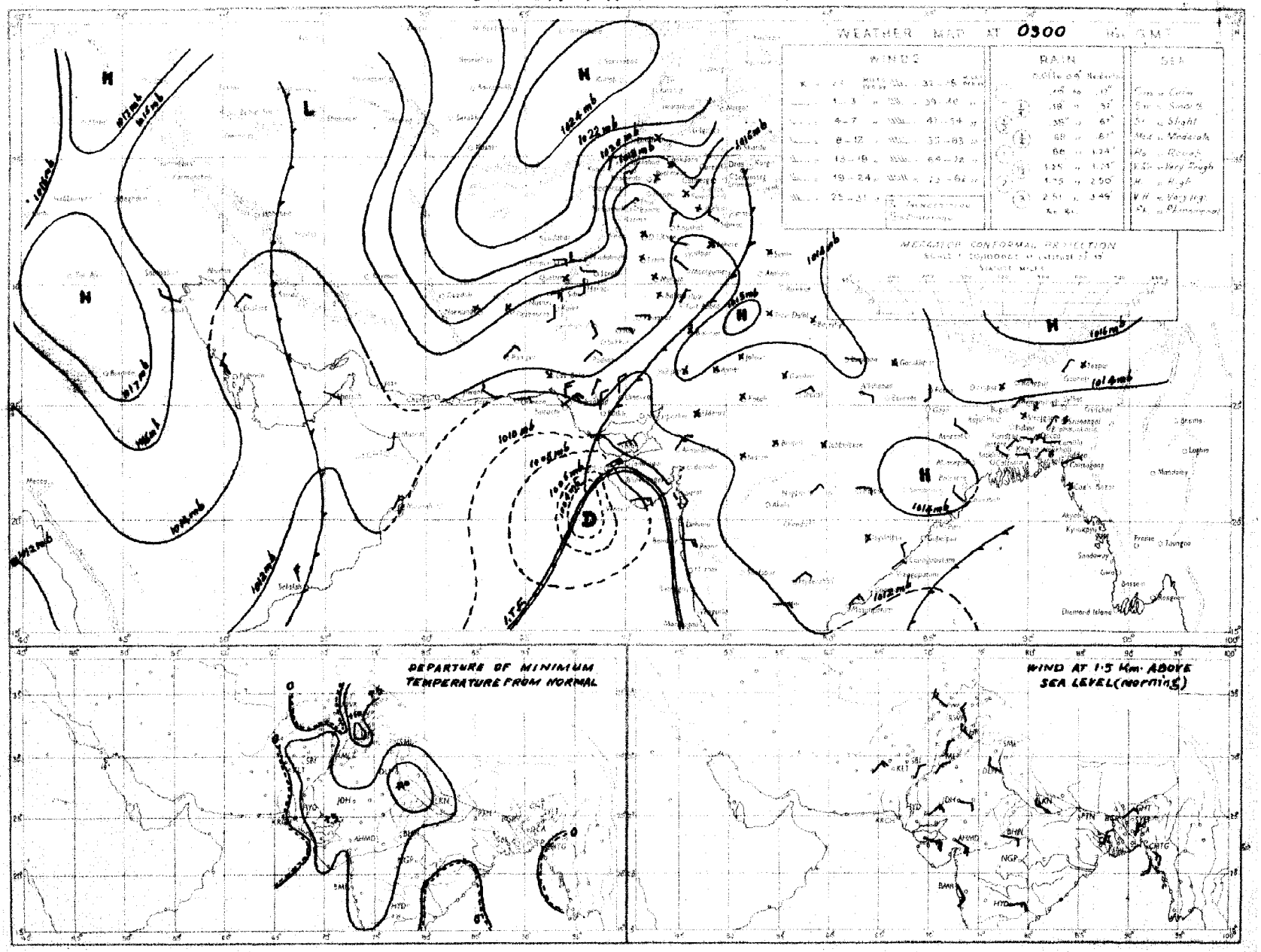
FRIDAY 16th: NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 *hours*

PAKISTAN DAILY WEATHER MAP

SATURDAY 17th: NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SUNDAY, THE 18th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The depression in northeast Arabian sea is now filling up off Kathiawar coast.

High winds and widespread rain/drizzle have been reported from lower Sind. Badin reported ¾" rain.

Night temperatures were appreciably to markedly above normal in the upper North-West Frontier Province and lower Sind.

Forecast valid until the evening of 19th :—Weather will be cloudy and windy in lower Sind.

Karachi-11.
The 18th November. 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 65	0 00 00	94 00 0	105 77	0 0 9 0 0	- - - 87	000 69	0 00 00	97 00 0	136 78	0 0 9 0 0	- - - 67	+ 3	0	0.1	- 2.4	121.5	140
	Chittagong	000 64	0 31 05	96 00 0	098 77	0 0 9 0 0	- - - 85	000 66	0 00 00	96 00 0	136 74	0 0 9 0 0	0 × × 63	+ 2	- 2	0	- 1.6	134.5	108
	Noakhali	000 69	0 00 00	×× ×× ×	××× 77	0 0 9 0 0	- - - 85	000 68	0 00 00	×× ×× ×	××× 76	0 0 9 0 0	- - - 66	+ 2	+ 1	0.6	- 1.0	-	115
	Comilla	000 71	2 00 00	97 00 0	094 77	2 1 7 0 0	- - - 82	000 67	0 18 02	98 00 0	133 76	0 0 9 0 0	- - - 66	- 1	+ 3	0.7	- 0.4	131.9	94
	Brahmanbaria	000 71	0 00 00	×× 00 1	095 81	0 0 9 0 0	- - - 85	000 69	0 00 00	97 00 0	138 88	0 0 9 0 0	- - - 68	-		0	- 1.0	65.5	78
	Dacca	××× 68	4 00 00	×× 02 1	091 76	4 8 6 0 0	- - - 86	××× 69	0 00 00	97 00 1	135 77	0 0 9 0 0	9 0 × 63				—		
	Narayanganj	000 67	3 00 00	×× 01 1	××× 79	3 0 7 7 0	- - - 89	000 68	0 27 02	94 00 4	××× 79	0 0 9 0 0	6 × × 68	+ 6	+ 3	Tr.	- 0.8	88.8	—
	Mymensingh	000 70	0 00 00	99 00 0	100 79	0 0 9 0 0	- - - 83	000 68	0 00 00	98 00 0	140 76	0 0 9 0 0	- - - 66	+ 1	+ 2	2.3	+ 1.5	64.0	91
	Srimangal	000 73	0 00 00	×× 01 1	093 74	0 0 9 0 0	- - - 85	000 66	0 00 00	96 00 1	137 75	0 0 9 0 0	- - - 59	- 1	0	0.2	- 1.1	105.4	98
	Khulna	000 68	0 00 00	96 00 0	098 79	0 0 9 0 0	- - - 88	000 66	0 00 00	98 00 0	138 80	0 0 9 0 0	- - - 66	+ 5	+ 1	0	- 1.0	53.4	68
	Satkhira	000 73	2 00 00	97 01 1	093 77	2 5 7 0 0	- - - 86	000 64	0 31 02	98 00 0	137 74	0 0 9 0 0	- - - 63	+ 1	0	0	- 0.7	44.7	65
	Jessore	000 68	0 00 00	97 00 0	094 76	0 0 9 0 0	- - - 88	000 67	0 34 02	97 00 0	142 75	0 0 9 0 0	- - - 62	—		0	- 0.9	45.9	65
	Faridpur	000 69	0 00 00	95 05 0	098 78	0 0 9 0 0	- - - 79	000 68	0 00 00	96 05 0	138 79	0 0 9 0 0	- - - 65	- 2	+ 2	0.5	- 0.4	56.0	71
	Barisal	000 69	1 00 00	97 01 1	098 ××	0 0 9 3 0	- - - 85	000 73	0 31 02	97 00 2	133 77	0 0 9 0 0	- - - 67	+ 2	+ 3	0.4	- 0.8	73.9	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 70	1 10 10	92 ×× 1	085 77	1 6 2 0 0	- - - 82	000 69	0 00 00	98 00 0	130 77	0 0 9 0 0	- - - 66		+ 4	1.3	+ 0.7	67.2	64
	Bogra	000 69	1 00 00	96 91 0	096 80	0 0 9 0 1	- - - 87	000 68	0 07 02	95 00 0	137 74	0 0 9 0 0	- - - 65	+ 5	+ 3	1.2	+ 0.5	46.2	69
	Dinajpur	000 65	0 00 00	×× 00 0	111 78	0 0 9 0 0	- - - 85	000 64	0 00 00	96 00 0	146 75	0 0 9 0 0	- - - 62	+ 3	+ 2	0	- 0.3	48.6	72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - -	000 ××	0 07 02	98 02 1	— —	0 0 9 0 0	- - - -			0.3	0	79.5	84
KASHMIR	Srinagar †																		—
	Gulmerg † ‡																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Miqar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 49	4 25 02	96 01 0	111 78	0 0 9 0 4	0 3 0 83	000 43	0 29 02	96 00 0	157 50	0 0 9 0 0	- - - 48	+ 2	0	0	0	10.2	12
	Lahore	000 53	7 00 00	96 02 2	120 72	0 0 9 7 8	9 6 × 80	000 45	0 29 02	96 00 0	163 54	0 0 9 0 0	- - - 45	- 3	- 1	0	0	14.7	19
	Sialkot	000 49	6 00 00	97 03 1	108 73	6 0 8 6 1	- - - 82	000 42	0 05 02	97 00 1	160 60	0 0 9 0 0	- - - 53	+ 2	+ 4	0	- 0.1	18.7	32
	Jhelum	000 41	1 00 00	97 01 1	115 73	0 0 9 0 1	- - - 84	000 37	0 00 00	96 00 0	178 53	0 0 9 0 0	- - - 42	-		0	-	26.8	—
	Rawalpindi	000 40	1 00 00	99 01 0	111 73	0 0 9 0 0	- - - 81	000 38	0 05 02	96 05 1	178 49	0 0 9 0 0	- - - 42	+ 4	- 1	0	- 0.2	25.7	36
	Murree †	000 28	0 27 03	98 00 1	069 54	0 0 9 0 0	9 × × 65	000 14	0 00 00	98 00 0	088 53	0 0 9 0 0	- - - 48	+ 9	+ 7	0.1	- 0.3	45.2	59
	Attock	××× ××	0 18 02	98 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - -			—		—	—
	Khushab	000 51	1 29 05	99 01 1	112 80	0 0 9 0 4	- - - 87	000 43	0 02 05	99 00 0	159 52	0 0 9 0 0	- - - 99	+ 5	0	0	0	8.0	15
	Montgomery	000 61	8 00 00	96 03 1	121 78	0 0 9 7 0	9 × × 78	000 49	0 31 03	96 00	163 61	0 0 9 0 0	- - - 49	- 5	- 2	0	0	6.1	10
	Leiah	000 66	0 23 02	97 00 0	123 83	0 0 9 0 0	- - - 84												8
	Multan	000 54	8 00 00	95 02 2	129 74	0 0 9 7 0	9 9 0 80	000 47	0 00 00	95 00 1	165 55	0 0 9 0 0	- - - 48	- 2	- 2	0	0	6.9	7
	Khanpur	000 51	8 05 02	94 04 1	128 76	0 0 9 5 0	0 0 9 70	000 46	0 00 00	94 10 0	162 49	0 0 9 0 0	- - - 49	- 8	- 2	0	0	1.9	6
	Bahawalpur	000 55	7 00 00	97 03 1	126 77	0 0 9 7 0	0 0 9 77	000 48	0 00 00	97 00 1	150 50	0 0 9 0 0	- - - 49	- 8	- 2	0	0	4.5	6
	Fort Abbas	000 56	7 23 02	96 03 1	××× 70	0 0 9 3 0	- - - 82	000 55	2 23 02	96 03 1	127 66	0 0 9 2 0	- - - 59		—	0		3.7	8
N. W. F. P.	Drosh *	000 12	0 00 00	99 00 0	013 62	0 0 9 0 0	- - - 65	000 13	0 07 07	99 00 0	077 49	0 0 9 0 0	- - - 66	+ 1	+ 3	0.6	-	2.9	18
	Chakdara	000 33	0 00 00	99 00 0	106 71	0 0 9 0 0	- - - 78	000 37	0 36 02	98 00 0	180 46	0 0 9 0 0	- - - 42	—		0.3	-	20.6	—
	Cherat *	000 31	0 34 02	98 00 0	006 66	0 0 9 0 0	- - - 70	000 34	0 36 05	98 00 0	018 59	0 0 9 0 0	- - - 56	+ 5	+ 7	0.1	- 0.1	28.9	29
	Peshawar	000 41	1 13 02	97 02 1	109 74	0 0 9 0 1	- - - 80	000 29	0 00 00	97 00 0	166 51	0 0 9 0 0	- - - 51	+ 4	+ 3	0.1	0	9.2	14
	Parachinar	000 14	0 13 02	99 00 0	070 64	0 0 9 0 0	- - - 70	000 15	0 00 00	99 00 0	092 48	0 0 9 0 0	- - - 42	+ 7	+ 3	0.2		28.7	29
	Miranshah	000 52	0 02 03	99 00 0	082 76	0 0 9 0 0	- - - 79	000 17	0 00 00	99 00 0	009 52	0 0 9 0 0	- - - 46	—		0	0	10.5	13
	Bannu	000 37	0 18 02	99 00 0	124 79	0 0 9 0 0	- - - 84	000 29	0 27 02	99 00 0	158 53	0 0 9 0 0	- - - 49	—	-	0		5.9	11
	D. I. Khan	000 54	0 00 00	97 00 0	126 80	0 0 9 0 0	- - - 82	000 58	0 00 00	96 00 0	161 45	0 0 9 0 0	- - - 42	+ 1	- 5	0	- 0.1	2.8	9
	Wana																		11
	Landikotal	000 37	0 00 00	99 00 0	086 68	0 0 9 0 0	- - - 72	000 27	0 00 00	99 00 0	014 58	0 0 9 0 0	- - - 44		-	0	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - -	—	—	—	—	-	—
	Thull	××× ××	0 23 09	99 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 13 09	99 00 0	— —	0 0 9 0 0	- - - -	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 26	1 00 00	97 01 1	098 75	0 0 9 0 1	7 × × 76	000 02	0 00 00	98 05 0	064 4-	0 0 9 0 0	- - - 89	+ 6	0	0	0	10.0	11
	Hindubagh	000 03	1 27 09	98 01 1	073 69	0 0 9 0 1	- - - 75	000 03	0 27 09	98 00 0	012 38	0 0 9 0 0	- - - 31		-	0	—	9.0	—
	Loralai	000 36	0 18 05	96 00 1	076 67	0 0 9 0 0	- - - 75	000 17	0 27 05	98 00 0	047 39	0 0 9 0 0	- - - 36	—	-	0	—	8.5	—
	Harnai (a)	000 ××	1 09 02	95 01 1	— —	0 0 9 0 2	- - - -	000 ××	0 09 05	95 00 0	— —	0 0 9 0 0	- - - -	—	-	0	- 0.1	10.6	14
	Sibi	000 28	4 18 05	99 03 1	114 88	0 0 9 7 0	9 × 5 87	000 27	0 05 05	98 00 0	159 52	0 0 9 0 0	- - - 47	—	-	0	—	3.8	5
	Quetta †	000 27	2 00 00	99 00 0	083 66	0 0 9 0 5	- - - 67	000 30	0 00 00	99 00 0	085 31	0 0 9 0 9	- - - 25			0	0	9.3	9
	Chaman	000 50	0 29 02	97 00 0	013 68	0 0 9 0 0	- - - 73	000 28	0 07 02	97 00 0	058 46	0 0 9 0 0	- - - 42	+ 6	0	0	0	9.6	8
	Nushki	000 36	2 31 18	97 01 1	063 75	0 0 9 0 1	- - - 75	000 27	0 00 00	96 00 0	092 52	0 0 9 0 0	- - - 48		—	0	—	5.4	—
	Dalbandin *	000 37	1 09 05	95 05 1	013 75	0 0 9 0 1	- - - -	000 23	0 00 00	95 05 0	036 41	0 0 9 0 0	- - - 38	—	-	0	0	1.8	4
	Nokkundi	000 44	1 00 00	99 01 1	118 81	0 0 9 0 1	9 0 × 88	000 19	0 34 02	99 00 0	205 51	0 0 9 0 0	- - - 46	—	-	0	-	0.9	2
SIND	Kalat †	000 43	8 36 05	98 08 1	991 63	0 0 9 0 4	9 4 0 67	000 26	0 18 05	98 00 0	012 31	0 0 9 0 0	- - - 27	+ 5	- 3	0	0	9.7	7
	Turbat	000 23	0 04 05	95 07 2	118 90	0 0 9 0 0	- - - 92	000 38	0 04 02	95 00 0	147 77	0 0 9 0 0	- - - 67			0	—	1.4	—
	Panjgur *	000 60	1 21 07	97 03 1	094 73	0 0 9 0 1	- - - 74	000 20	0 36 05	97 00 0	026 44	0 0 9 0 0	- - - 39	+ 1	- 5	0	—	3.2	5
	Las Bela																		8
	Ormara	000 78	0 09 02	97 00 0	091 87	0 0 9 0 0	- - - 88	000 66	0 00 00	97 00 0	137 69	0 0 9 0 0	- - - 65	—	—	0	0	3.1	6
	Pasni	000 44	0 13 03	96 00 1	093 87	0 0 9 0 0	- - - 87	000 50	6 31 08	96 00 0	234 65	0 0 9 0 0	- - - 62	+ 2	+ 3	0	- 0.1	4.9	6
	Jiwani																		4
	Beti	000 53	8 05 03	96 02 1	134 79	0 0 9 9 7	9 0 × 88		0 27 03	94 10 1	158 55			-					
	Jacobabad	000 37	8 00 00	97 03 1	133 80	0 0 9 7 5	- - - 83	000 38	1 36 ××	96 01 1	154 58	0 0 9 0 0	- - - 50	- 2	- 3	0	0	0.7	—
	Sukkur	000 50	8 05 ××	96 03 2	123 77	0 0 9 9 0	8 × 5 80	000 46	2 00 00	98 01 1	155 55	0 0 9 0 3	6 0 × 57			0	—	1.0	4
	Padidan	000 46	8 36 05	97 02 2	121 78	8 5 7 - -	- - - 79	000 47	7 05 09	96 50 5	138 72	0 0 9 3 0	- - - 53	—	—	0	-	0.9	—
	Karachi (*Manora*)	000 45	8 07 09	97 05 5	097 79	0 0 9 2 0	0 × 9 80	000 54	8 05 07	96 50 5	138 73	0 0 9 2 0	0 × 9 69	- 4	+ 3	0	- 0.1	1.6	3
	Karachi (*A. P.*)	000 47	8 05 14	97 02 5	099 80	0 0 9 7 -	7 × 9 81	000 45	8 38 02	95 03 2	133 64	0 0 9 8 -	7 × × 71	—		0		3.0	—
	Badin	017 61	8 05 02	95 20 5	100 64	8 8 9 0 0	- - - 78	086 58	8 02 05	97 02 0	136 70	8 8 7 - -	- - - 63		—	0.9	+ 0.7	7.8	9
	Nagarparkar								8 02 02	96 03 1	148 67								
	Chhor (*Umarkot*)	000 60	8 36 07	97 02 0	093 77	× 6 9 2 0	- - - 79	000 60				× 5 × 3 0	- - - 65			0	—	2.3	—
	Hyderabad	000 54	8 05 02	96 03 6	114 72	0 0 9 2 0	8 × × 73	000 53				0 0 9 7 -	- - - 67	- 16	+ 8	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 25	0 00 00	99 00 0	013 63	0 0 9 0 0	- - - 88	000 04	0 20 05	99 00 0	043 41	0 0 9 0 0	- - - ××	—	—	—	—	—	12
	Jalalabad	000 42	0 00 00	97 00 0	008 79	0 0 9 0 0	8 × × 81	000 73	0 23 02	97 00 0	016 54	0 0 9 0 0	- - - 49	—	—	—	—	—	—
	Kandahar	000 29	0 00 00	98 00 0	086 68	0 0 9 0 0	- - - 76												—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 18TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTTT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Jask	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6
	Mashed	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
	Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12
Arabia	Muscat	--	000 68	0 31 09	99 00 0	115 80	0 0 9 0 0	- - - 82	000 61	0 27 09	99 00 0	138 76	0 0 9 0 0	- - - 73	- 1	- 1	0	--	3 3	4
	Sharjah	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Kuwait	--	000 ××	0 29 00	97 00 0	136 82	0 0 9 0 0	- - - 82	000 ××	0 27 03	97 00 0	159 69	0 0 9 0 0	- - - 67	--	--	0	--	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a I_a$	$L_o L_o I_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Strathmore	73 157	614 00	6 35 07	99 01 2	071 80	82 6.40	6 6 905	--	0 51 74	1 34 45
Jalakrishna	73 130	745 03	3 09 03	97 02 0	092 85	31 6 ×1	--		--	--
Jehangir	78 183	713 06	4 18 10	99 15 2	094 85	32 6 08	--	--	--	--
Bharatrani	73 125	74- 06	5 09 06	97 02 1	092 86	21 6 81		--	--	--
Jalamayur	73 087	699 06	3 29 03	98 01 0	081 84	31 7 ××	--	--	--	--
Masimpur	73 109	692 06	2 23 03	98 02 0	081 84	22 6 60	--	--	--	--
Benuracaie	73 081	712 06	1 31 02	98 01 0	×01 83	00 9 41	6 4 300	--	0 08 71	1 31 ××
Strathmore	73 160	627 12	7 32 09	99 18 2	168 80	73 6 ××	6 6 300		0 51 74	2 34 35
Jehangir	78 180	705 12	2 18 07	99 01 1	067 84	21 6 01	6 3 510	8 2 830	0 03 81	1 24 12
Mozaffari	73 237	656 12	1 04 17	98 01 2	121 ××	×× × ××	5 × 5××	--	--	--
Mozaffari	73 230	642 18	1 06 18	98 01 1	125 ××	11 9 00	5 5 ×××	--	--	--
BAY OF BENGAL										
Jalamayns	73 093	677 18	3 27 03	98 03 1	070 82	41 7 ××	--	--	--	--
Bharatrani	73 109	733 18	8 23 06	96 50 2	095 82	87 6 00	--	--	--	--
Singu	73 096	850 06	8 13 12	97 20 5	080 80	8× 4 ××	--		--	--

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_0P_0P_0T_0T_0$	$T_{d0}T_{d0}T_{x0}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.	5555	$h_1h_1P_1P_1P_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi --	780 14	008 26	070 60	000 31	250 65	854 90	150 69	700 29	090 48	549 90	301 83	779 94	555 55	339 00	190 49	518 40	150 55	668 00	550 65	727 82	150 66	456 00	035 09	675 50	009 90

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra --	35 02	36 03	35 02	11 03	35 10	28 34	...	--	--	--	33 04	31 04	29 04	23 03	28 02	--	05 02	36 08	31 02	33 04	34 04	34 01	28 18	29 41
Chhor --	04 15	03 15	04 10	07 16	09 15	14 23	--	--	--	--	092 85	--	--	--	--	--	03 05	07 04	07 06	01 10	12 14	19 06	26 05	21 25
Chittagong --	26 04	10 03	16 11		20 11	27 14	29 35	--	--	--	31 03	30 05	26 05	20 08	25 13	25 24	27 02	24 03	26 05	28 06	24 06	24 16	29 27	--
Cox's Bazar --	30 07	31 02	17 11	26 15	22 12	25 18	28 28		--	--	31 04	29 06	22 11	25 14	26 20	--	34 05	33 05	23 06	23 17	28 15	27 19	29 28	21 15
Dacca --	05 04	06 01	34 01	08 08	29 03	--	--	--	--	--	35 04	34 06	33 08	33 06	29 05	26 17	36 01	36 02	34 04	36 06	32 06	32 11	33 19	,
Dalbandin --	--	-	07 14	04 07	03 18	03 14	02 11		--	--	--	-	06 06	06 06	02 10	02 11	-		07 04	06 11	06 03	04 14	05 17	--
Drosh --		--	-		03 15	26 12	04 13	04 15	--	--	-		-	04 03	02 12	01 09	-	-	-	-	05 10	01 19		--
Fort Sandeman --				27 02	29 04	29 07	24 13	--	--	--			-	19 02	29 05	36 13	-	-	-	17 02	23 03	27 09	31 17	--
Jacobabad --	27 01	34 02	35 04	06 07	11 06	34 01	31 00	29 12	--	-	35 06	37 03	34 03	35 04	03 08	04 10	32 03	31 01	34 04	02 06	04 07	07 11	04 10	--
Jhelum --	--	--	--	--	--	--	--	--	--	-	35 04	31 06	30 10	33 10	34 10	33 07	34 05	25 04	28 06	30 12	32 14	34 12	33 17	32 17
Jiwani --									--	--											--		--	
Karachi --	04 23	06 24	09 34	11 20	11 15	04 15			--	--	07 04	08 24	10 23	03 17	09 19	08 21	07 21	07 20	01 19	08 23			--	--
Khanpur --	03 03	02 02	36 04	06 10	07 04	27 10	28 10	30 17	--	--	--	--	--	--	--	--	11 04	14 05	11 03	12 06	08 04	07 07	08 10	02 19
Lahore --	31 06	30 12	30 12	31 11	31 12	33 13	29 15	21 35	--	--	27 17	29 17	30 11	32 10	33 10	33 12	26 07	31 17	33 12	32 11	32 12	33 09	31 05	30 14
Multan --	23 03	22 06	17 05	03 04	05 03	04 03	31 06	29 17	27 29	--	22 07	22 07	21 05	30 05	36 09	02 12	19 11	20 17	05 07	04 02	36 06	01 15	33 15	03 11
Peshawar --		.	04 02	32 04	29 11	32 10	32 12	31 06	34 20	33 21	33 27	--	04 03	36 05	31 09	32 19	33 10	--	--	--	--	--	--	--
Quetta --						32 07	35 08	33 10	34 15	32 17	28 27		--	--	--	21 04	21 17	--	--			08 02	09 10	06 33	--
Bushire --							--					--	-		-							--	--	--	--
Sharjah --							--															--			

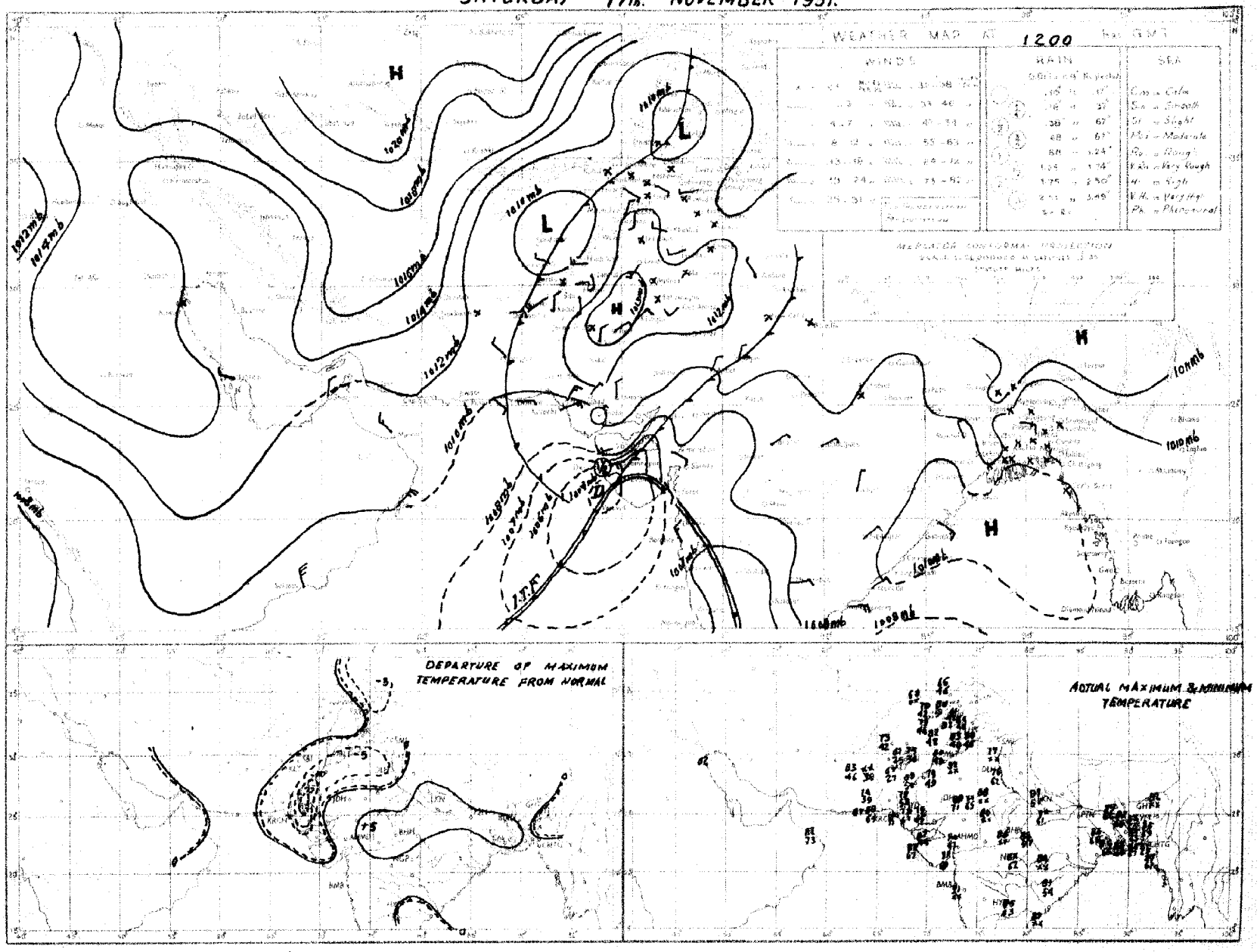
Cloud Observation Data (iiiGG Cddv, v,)

Lahore 84008 228××

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of N. P. W.

PAKISTAN DAILY WEATHER MAP

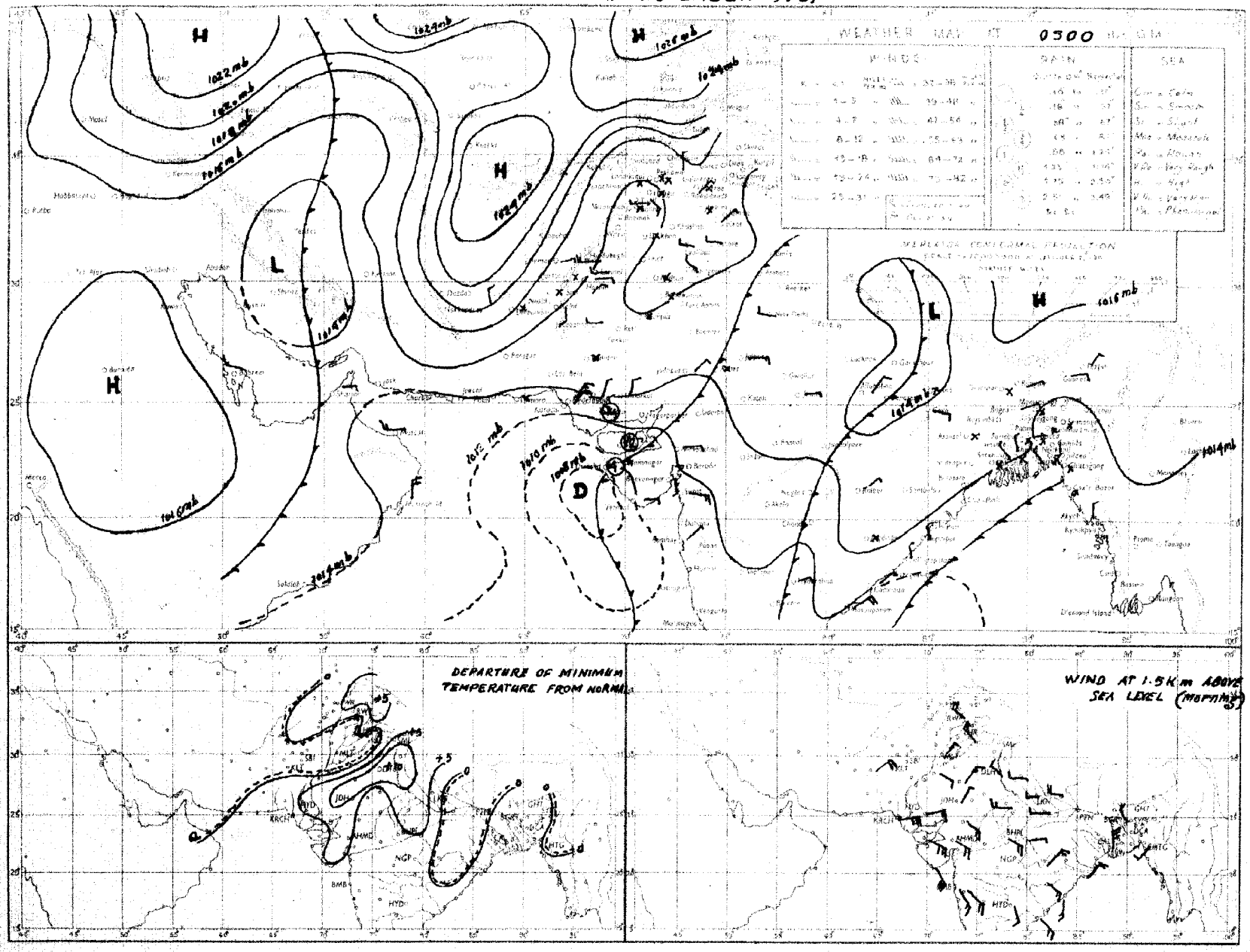
SATURDAY 17th. NOVEMBER 1951.



Rainfall amounts indicated in the above map refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SUNDAY 18th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR MONDAY, THE 19th NOVEMBER, 1951

(*Published by the authority of the Government of Pakistan*).

Summary of observations recorded at 0300 hrs. G. M. T.

The depression in northeast Arabian Sea has filled up.

A western disturbance is approaching Iraq.

Weather remained dry over the country.

Night temperatures were appreciably to markedly above normal in East Pakistan, lower Sind, the North-West Frontier Province and the extreme north Punjab.

Forecast valid until the evening of 20th :—Weather will be dry over the country.

Karachi-11.
The 19th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_tD_HD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_tD_HD_MT_nT_n$	T_xT_x	T_nT_n	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 65	0 00 00	94 00 0	105 78	0 0 9 0 0	- - - 86	000 68	0 00 00	97 00 0	141 79	0 0 9 0 0	- - - 66	+ 2	- 1	0.1	-24.4	121.5	140
	Chittagong	000 67	0 00 00	96 00 0	098 76	0 0 9 0 0	- - - 87	000 67	0 00 00	97 00 0	133 78	0 0 9 0 0	0 × × 65	+ 4	0	0	- 1.6	134.5	108
	Noakhali							000 68	0 00 00	×× ×× ×	××× 76	0 0 0 0 0	- - - 66	–	+ 1	0.6	- 0.7	—	115
	Comilla	000 71	0 00 00	98 00 0	105 77	0 0 9 0 0	- - - 82	000 68	4 18 02	98 03 1	141 76	0 0 9 2 0	- - - 66	- 1	+ 3	0.7	- 0.4	131.9	94
	Brahmanbaria							000 69	2 00 00	97 01 1	142 78	0 0 9 0 9	- - - 68		–	0	- 1.0	65.5	78
	Dacca	××× 68	1 00 00	×× 03 1	102 76	0 0 9 2 0	- - - 86	××× 69	2 00 00	96 02 1	136 78	0 0 9 5 0	- - - 65				—	—	—
	Narayanganj	000 67	0 00 00	×× 00 1	093 81	0 0 9 0 0	- - - 87	000 68	3 00 00	95 01 1	132 82	3 0 7 4 0	- - - 68	+ 4	+ 3	0	- 0.8	88.8	74
	Mymensingh	000 76	0 00 00	99 00 0	108 79	0 0 9 0 0	- - - 83	000 69	0 09 02	99 00 0	142 77	0 0 9 0 0	- - - 67	+ 1	+ 3	2.3	+ 1.4	64.0	91
	Srimangal	000 71	0 00 00	×× 00 1	100 73	0 0 9 0 0	- - - 85	000 69	6 00 00	98 02 1	145 72	3 2 6 3 0	- - - 61	- 1	+ 2	0.2	- 1.1	105.4	98
	Khulna	000 71	0 00 00	97 00 0	117 77	0 0 9 0 0	- - - 85	000 65	0 00 00	98 00 0	153 78	0 0 9 0 0	- - - 87	+ 2	+ 2	0	- 1.1	58.4	69
	Satkhira	000 73	2 00 00	97 00 0	---- 79	2 5 7 0 0	- - - 86	000 55	0 31 02	98 00 0	152 76	0 0 9 0 0	- - - 64	+ 1	+ 1	0	- 0.7	44.7	65
	Jessore	000 75	0 00 00	97 00 0	104 77	0 0 9 0 0	- - - 87	000 69	0 00 00	97 00 0	137 72	0 0 9 0 0	- - - 64	–		0	- 0.9	45.9	65
	Faridpur	000 68	1 00 00	95 05 0	107 70	1 4 8 0 0	- - - 79	000 67	1 00 00	95 05 0	144 70	0 0 9 0 6	- - - 64	- 2	+ 1	0.5	- 0.4	56.0	71
	Barisal							000 66	2 00 00	97 01 1	140 75	0 0 9 0 9	- - - 67	–	+ 3	1.4	- 0.9	73.9	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 71	1 00 00	×× 01 1	111 77	1 6 1 0 0	- - - 83	000 69	1 00 00	97 02 1	145 75	1 6 2 0 0	- - - 65		+ 3	1.3	+ 0.7	67.2	64
	Bogra	000 79	2 00 00	96 91 0	101 79	0 0 9 0 1	- - - 87	000 70	4 02 02	96 01 1	146 76	0 0 9 0 5	- - - 61	+ 5	- 1	1.2	+ 0.5	46.2	69
	Dinajpur	000 66	0 00 00	×× 00 0	117 77	0 0 9 0 0	- - - 85	000 65	0 00 00	96 00 0	155 75	0 0 9 0 0	- - - 62	+ 3	+ 2	0	- 0.3	45.6	72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - - --	000 ××	6 07 02	97 02 1	— —	0 0 9 1 0	- - - - —			0.3	0	79.5	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 46	0 00 00	96 00 0	127 77	0 0 9 0 0	- - - 84	000 46	0 00 00	93 11 4	146 51	0 0 9 0 0	- - - 48	+ 3	0	0	0	10.2	12
	Lahore	000 47	0 27 02	96 00 0	127 75	0 0 9 0 0	- - - 82	000 45	0 00 00	95 05 0	156 49	0 0 9 0 0	- - - 45	- 1	- 1	0	0	14.7	19
	Sialkot	000 51	0 00 00	97 00 0	124 71	0 0 9 0 0	- - - 82	000 43	0 03 02	97 00 0	151 58	0 0 9 0 0	- - - 58	+ 2	+ 4	0	- 0.1	18.7	32
	Jhelum	000 47	0 00 00	96 00 0	129 ××	0 0 9 0 0	- - - 81	000 42	0 00 00	96 00 0	157 50	0 0 9 0 0	- - - 42	–		0	–	26.8	—
	Rawalpindi	000 43	0 00 00	98 00 0	132 69	0 0 9 0 0	- - - 81	000 34	0 00 00	96 05 1	155 49	0 0 9 0 0	- - - 42	+ 4	- 1	0	- 0.2	25.7	36
	Murree †	000 19	0 30 03	98 00 0	981 54	0 0 9 0 0	- - - 63	000 17	0 27 03	98 00 0	985 56	0 0 9 0 0	- - - 50	+ 7	+ 9	0.1	- 0.8	45.2	59
	Attock	××× ××	0 18 02	98 00 0	—	0 0 9 0 0	- - - - --	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - - --			–	–	—	—
	Khushab	000 54	0 29 02	99 00 0	119 80	0 0 9 0 0	- - - 85	000 36	0 09 05	99 00 0	149 50	0 0 9 0 0	- - - 46	+ 3	- 3	0	0	8.0	15
	Montgomery	000 65	0 00 00	96 00 0	130 81	0 0 9 0 0	- - - 85	000 48	0 00 00	96 00 0	146 60	0 0 9 0 0	- - - 46	+ 2	- 5	0	0	6.1	10
	Leiah	000 67	0 08 02	97 00 0	128 85	0 0 9 0 0	- - - 86	000 43	0 00 00	97 00 0	138 47	0 0 9 0 0	- - - 42			0	—	6.6	8
	Multan	000 48	0 18 02	97 00 0	131 84	0 0 9 0 0	- - - 87	000 40	0 18 05	96 00 0	150 67	0 0 9 0 0	- - - 54	+ 5	+ 4	0	0	6.9	7
	Khanpur	000 46	0 23 02	95 05 0	130 86	0 0 9 0 0	- - - 87	000 40	0 16 03	95 04 0	150 53	0 0 9 0 0	- - - 49	0	- 2	0	0	1.9	6
	Bahawalpur	000 52	0 00 00	97 00 0	130 78	0 0 9 0 0	- - - 87	000 37	0 18 02	97 00 0	144 51	0 0 9 0 0	- - - 48	+ 2	- 3	0	0	4.5	6
	Fort Abbas	000 72	0 00 00	96 00 0	128 84	0 0 9 0 0	- - - 87	000 54	0 23 02	96 00 0	149 65	0 0 9 0 0	- - - ××		–	0		3.7	8
N. W. F. P.	Drosh *	000 09	0 10 05	99 00 0	019 63	0 0 9 0 0	- - - 67	000 26	0 00 00	99 00 0	065 49	0 0 9 0 0	- - - 47	+ 3	+ 4	0.6	–	2.9	18
	Chakdara	000 43	0 00 00	99 00 0	114 69	0 0 9 0 0	- - - 78	000 37	0 00 00	98 00 0	166 46	0 0 9 0 0	- - - 42			0.3	–	20.6	—
	Cherat *	000 33	0 00 00	97 00 0	003 67	0 0 9 0 0	- - - 77	000 23	0 36 04	98 00 0	004 60	0 0 9 0 0	- - - 55	+12	+ 6	0.1	- 0.1	28.9	29
	Peshawar	000 46	0 00 00	97 00 0	129 71	0 0 9 0 0	- - - 79	000 25	1 16 03	97 02 1	151 57	0 0 9 0 1	- - - 46	+ 3	- 2	0.1	0	9.2	14
	Parachinar	000 13	0 13 02	99 00 0	979 68	0 0 9 0 0	- - - 72	000 21	0 00 00	99 00 0	983 54	0 0 9 0 0	- - - 47	+ 9	+ 8	0.2		28.7	29
	Miranshah	000 19	0 11 03	99 00 0	994 75	0 0 9 0 0	- - - 78	000 07	0 00 09	99 00 0	985 47	0 0 9 0 0	- - - 44	–	–	0	0	10.5	13
	Bannu	000 41	0 00 00	99 00 0	128 75	0 0 9 0 0	- - - 84	000 33	0 00 00	99 00 0	156 49	0 0 9 0 0	- - - 45	–	–	0		5.9	11
	D. I. Khan	000 52	0 00 00	97 00 0	119 80	0 0 9 0 0	- - - 87	000 43	0 05 01	97 00 0	135 47	0 0 9 0 0	- - - ××	+ 6	–	0	- 0.1	2.8	9
	Wana																		11
	Landikotal	000 42	0 00 00	99 00 0	991 67	0 0 9 0 0	- - - 75	000 29	0 00 00	99 00 0	994 55	0 0 9 0 0	- - - 42			0	–	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	-- —	0 0 9 0 0	- - - - --	××× ××	0 00 00	97 00 0	——	0 0 9 0 0	- - - - --	–	–	–	–		—
	Thall	××× ××	0 18 09	96 00 0	— -	0 0 9 0 0	- - - - --	××× ××	0 36 09	99 00 1	— —	0 0 9 0 0	- - - - --	–	–	–	–	–	—
BALUCHISTAN	Fort Sandeman *	000 31	0 23 02	98 05 0	990 75	0 0 9 0 0	- - - 77	000 17	0 00 00	96 05 0	053 49	0 0 9 0 0	- - - 39	+ 7	0	0	0	10.0	11
	Hindubagh	000 11	0 00 00	98 00 0	990 69	0 0 9 0 0	- - - 74	000 07	0 28 02	98 00 0	949 49	0 0 9 0 0	- - - 37			0	—	9.0	—
	Loralai	000 36	0 00 00	96 00 0	976 67	0 0 9 0 0	- - - 74	000 28	0 00 00	98 00 0	046 41	0 0 9 0 0	- - - 37			0	–	8.5	—
	Harnai (a)	000 ××	0 00 00	96 00 0	— --	0 0 9 0 0	- - - - --	000 ××	0 18 05	96 00 0		0 0 9 0 0	- - - - --			0	0	10.6	14
	Sibi	000 19	0 00 00	99 00 0	120 82	0 0 9 0 0	- - - 88	000 27	0 00 00	98 00 0	150 52	0 0 9 0 0	- - - 47	–		0	–	3.8	5
	Quetta †	000 27	0 02 05	99 00 0	995 66	0 0 9 0 0	- - - 71	000 24	0 16 02	99 00 0	984 38	0 0 9 0 ●	- - - 25	–		0	- 0.1	9.8	9
	Chaman	000 46	0 31 02	97 00 0	022 70	0 0 9 0 0	- - - 73	000 30	0 09 02	96 00 0	043 47	0 0 9 0 9	- - - 44	+ 6	+ 2	0	0	9.6	8
	Nushki	000 15	0 27 07	97 00 0	078 73	0 0 9 0 0	- - - 74	000 19	0 01 06	96 00 0	097 56	0 0 9 0 0	- - - 56		–	0	–	5.4	—
	Dalbandin *	000 39	0 05 03	96 00 0	023 74	0 0 9 0 0	- - - 75	000 14	0 00 00	96 00 0	036 39	0 0 9 0 0	- - - 38	+ 2	- 6	0	0	1.8	4
	Nokkundi	000 28	0 00 00	99 00 0	127 81	0 0 9 0 0	- - - 82	000 17	0 34 05	99 00 0	195 54	0 0 9 0 0	- - - 48	–	–	0	–	0.9	2
	Kalat †	000 45	0 36 05	98 00 0	003 68	0 0 9 0 0	- - - 71	000 26	0 18 05	98 00 0	012 36	0 0 9 0 0	- - - 80	+ 9	0	0	0	9.7	7
	Turbat	000 38	0 04 02	96 00 0	115 90	0 0 9 0 0	- - - 93	000 23	0 04 03	95 00 0	××× 68	0 0 9 0 0	- - - 55			0	—	1.4	—
	Panjgur *	000 59	1 05 07	97 00 0	004 72	0 0 9 0 0	- - - 73	000 11	0 06 07	97 00 0	023 45	0 0 9 0 0	- - - 40	0	- 4	0	—	8.1	5
	Las Bela	000 59	0 00 00	99 00 0	107 90	0 0 9 0 0	- - - 95	000 05	0 32 06	98 00 0	141 77	0 0 9 0 0	- - - 58	–	–	0	–	1.7	8
	Ormara	000 77	0 09 05	97 00 0	111 85	0 0 9 0 0	- - - 85	000 61	0 00 00	97 00 0	135 70	0 0 9 0 0	- - - 68		–	0	0	3.1	6
	Pasni	000 50	0 18 05	98 00 0	119 83	0 0 9 0 0	- - - 86	000 55	6 36 03	96 00 0	139 71	0 0 9 0 0	- - - 82	+ 1	+ 3	0	- 0.1	4.9	6
	Jiwani																		4
SIND	Reti	000 35	0 36 03	96 00 0	138 84	0 0 9 0 0	- - - 85	000 36	0 18 08	96 00 0	147 62	0 0 9 0 0	- - - 48	–	–		—	2.2	—
	Jacobabad	000 35	0 27 02	97 00 0	131 84	0 0 9 0 0	- - - 85	000 35	0 00 00	96 10 0	151 56	0 0 9 0 0	- - - 44	0	- 9	0	0	0.7	4
	Sukkur	000 44	0 ×× ××	96 00 1	129 80	0 0 9 0 0	6 × × 83	000 41	× ×× ××	96 00 0	146 38	0 0 9 0 0	- - - 57			0	–	1.0	4
	Padidan	000 39	1 36 02	98 01 1	152 81	0 0 0 1 0	- - - 84	000 45	0 00 00	95 01 1	143 54	0 0 9 0 0	- - - 51	–	–	0	–	0.9	—
	Karachi (*Manora*)	000 51	8 05 09	98 02 5	108 81	0 0 9 2 0	0 × 9 88	000 57	8 00 00	97 02 2	136 77	0 0 9 5 0	0 × 9 71	- 1	+ 5	0	- 0.1	1.6	3
	Karachi (*A. P.*)	000 42	7 05 10	96 02 2	112 85	0 0 9 2 -	- - - 85	000 01	8 00 00	96 02 2	137 --	0 0 9 8 0	- - - 72	–	–	0		2.0	—
	Badin																		9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 59	6 36 05	97 02 2	099 82	0 0 9 3 0	- - - 84	000 63	5 00 00	97 42 0	180 70	0 0 9 2 3	- - - 63			0		2.3	—
	Hyderabad	000 51	8 36 05	96 02 1	119 80	0 0 9 7 0	- - - 80	000 44	6 36 01	96 02 1	142 68	0 0 9 5 0	- - - 66	- 8	+ 7	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 33	0 16 02	99 00 0	023 69	0 0 9 0 0	- - - 72	000 07	0 34 01	99 00 0	036 42	0 0 9 0 0	- - - 40	–	–	0	–	10.6	12
	Jalalabad	000 51	0 00 00	97 00 0	009 75	0 0 9 0 0	- - - 82	000 33	0 00 00	97 00 0	015 43	0 0 9 0 0	9 × × 42	–	–	0.1	–	7.0	—
	Kandahar	000 38	0 00 00	98 00 0	003 68	0 0 9 0 0	- - - 73	000 26	0 00 00	96 00 0	023 38	0 0 9 0 0	- - - 28	–	–	0	–	10.5	—

See footnote on page 2

P.T.O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 19TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_x T_n$	Departure from Normal T_x T_n	T_x T_n	Rainfall. Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12
Arabia	Muscat	—	000 66	0 21 02	99 00 0	130 80	0 0 9 0 0	- - - 61	000 65	0 00 00	99 00 0	158 79	0 0 9 0 0	- - - 72	- 2	- 2	0	—	3 3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 xx	0 27 xx	97 00 0	146 70	0 0 9 0 0	- - - 79	000 xx	0 25 05	97 00 0	161 64	0 0 9 0 1	- - - 55	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049,-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	S N_s Ch_s h_s	O $T_s T_s T_d T_d$	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalamayur	13 095	658 06	4 27 03	98 01 1	075 83	41 7 2×	—	—	—	—
Cilicia	13 214	674 06	6 14 18	99 01 8	086 81	63 8 00	3 5 306	—	0 04 72	—
Jehangir	13 175	675 06	5 27 07	99 01 2	102 83	11 6 71	6 8 000	—	—	—
Ajax	13 059	685 06	4 23 09	99 03 0	099 84	31 6 10	6 5 102	—	0 02 73	1 49 ×2
Saraswati	13 219	691 05	8 ×× ××	35 60 1	073 81	—	—	—	—	—
Daressa	13 249	637 06	1 16 04	98 01 0	144 82	00 0 01	6 5 110	—	0 04 65	—
Mozaffari	13 207	607 12	1 02 14	99 01 0	125 ××	11 8 00	5 5 ×××	—	—	—
Cilicia	13 208	687 12	6 11 13	98 03 1	067 81	63 8 00	3 5 805	—	0 51 72	—
Jehangir	13 173	666 12	3 27 10	99 01 0	065 81	31 6 01	6 8 800	8 3 830	0 51 77	1 27 22
Oil cla	13 201	695 18	0 14 09	99 00 0	155 81	00 9 00	3 5 810	—	0 53 72	—
Benvockie	13 092	652 18	3 00 00	98 01 0	096 82	00 9 31	6 4 300	—	0 06 73	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	—	780 15	009 27	079 60	000 33	270 74	854 97	170 79	700 80	040 48

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	509 18	569 97	301 58	829 97	555 55	349 00	210 91	678 00	130 65	126 77	020 29	216 52	030 17	446 00	015 05	665 52

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30
	2	3	4	5	6	7	8	9	10	11
Bogra	23 02	25 03	24 03	31 02	34 01	30 24	—	—	—	—
Chhor	35 12	02 07	08 06	15 10	18 13	11 06	—	—	—	—
Ch ttagong	31 02	01 03	06 04	×× ××	×× ××	29 21	29 28	—	—	—
Cox's Bazar	33 07	23 65	08 05	23 02	25 11	29 17	29 27	—	—	—
Dacca	32 03	36 03	35 02	36 02	30 11	30 21	—	—	—	—
Balbandin	—	—	07 06	04 12	06 09	06 09	05 21	26 18	36 10	26 20
Drosh	—	—	—	—	03 11	03 11	15 05	35 18	—	—
Fort Sandeman	—	—	—	25 03	24 05	05 04	01 12	35 18	28 25	30 34
Jacobabad	29 04	33 07	05 04	08 02	04 03	07 09	08 17	35 10	31 15	28 33
Jhelum	34 05	29 04	29 06	31 12	33 15	35 10	36 16	34 26	33 42	—
Jiwani	—	—	—	—	—	—	—	—	—	—
Karachi	05 15	07 17	10 20	12 23	11 25	05 20	—	—	—	—
Khanpur	15 02	14 02	13 03	07 03	09 03	04 11	04 15	36 19	30 19	27 44
Lahore	29 07	29 11	29 12	31 16	34 20	34 15	05 19	34 30	33 36	29 35
Multan	29 05	20 05	20 05	22 01	34 06	03 08	01 16	35 12	34 21	—
Peshawar	—	11 04	23 04	27 08	32 10	34 12	32 17	33 25	33 37	32 37
Quetta	—	—	—	—	21 08	09 11	03 14	02 12	31 13	30 33
Bushire	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—

STATION	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10
	12	13	14	15	16	17
Bogra	03 05	03 05	34 05	27 03	—	—
Chhor	—	—	—	—	—	—
Ch ttagong	01 03	32 05	—	—	—	—
Cox's Bazar	36 12	35 11	35 06	20 13	21 13	29 10
Dacca	01 06	35 05	31 03	30 03	29 12	29 19
Balbandin	—	—	07 05	02 09	06 07	08 10
Drosh	—	—	—	09 01	04 10	01 22
Fort Sandeman	—	—	—	19 03	25 07	35 12
Jacobabad	30 04	27 02	20 03	13 01	35 02	05 10
Jhelum	20 20	32 04	30 07	31 15	32 14	32 24
Jiwani	—	—	—	—	—	—
Karachi	06 29	03 15	11 10	16 17	09 11	10 08
Khanpur	—	—	—	—	—	—
Lahore	27 11	27 11	29 11	31 00	31 17	32 26
Multan	31 17	22 16	22 15	28 03	06 04	01 13
Peshawar	—	22 03	23 03	32 12	21 19	30 28
Quetta	—	—	—	—	35 11	—
Bushire	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—

STATION	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	18	19	20	21	22	23	24	25
Bogra	30 03	01 04	03 02	31 02	32 03	28 12	—	—
Chhor	09 12	09 10	03 08	01 04	16 04	25 09	17 04	—
Ch ttagong	01 05	36 05	34 05	23 04	25 04	26 15	—	—
Cox's Bazar	01 03	35 07	31 06	20 09	25 10	29 15	28 32	26 26
Dacca	35 05	29 04	30 06	36 06	31 11	29 21	—	—
Balbandin	—	—	05 03	06 08	01 04	09 12	09 12	07 05
Drosh	—	—	—	—	04 10	36 18	32 15	—
Fort Sandeman	—	—	—	27 05	26 04	35 09	32 16	—
Jacobabad	31 03	30 04	23 06	24 07	24 07	08 11	07 06	—
Jhelum	—	—	—	—	—	—	—	—
Karachi	07 15	08 15	10 03	09 03	16 07	—	—	—
Khanpur	20 11	22 19	35 13	23 10	15 04	06 06	03 07	33 07
Lahore	28 07	27 11	23 07	28 08	27 13	31 18	34 25	31 20
Multan	19 29	21 25	22 18	22 14	17 07	02 07	36 16	—
Peshawar	—	33 02	06 03	33 15	20 23	29 33	31 25	—
Quetta	—	—	—	—	16 08	21 06	27 07	—
Bushire	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—

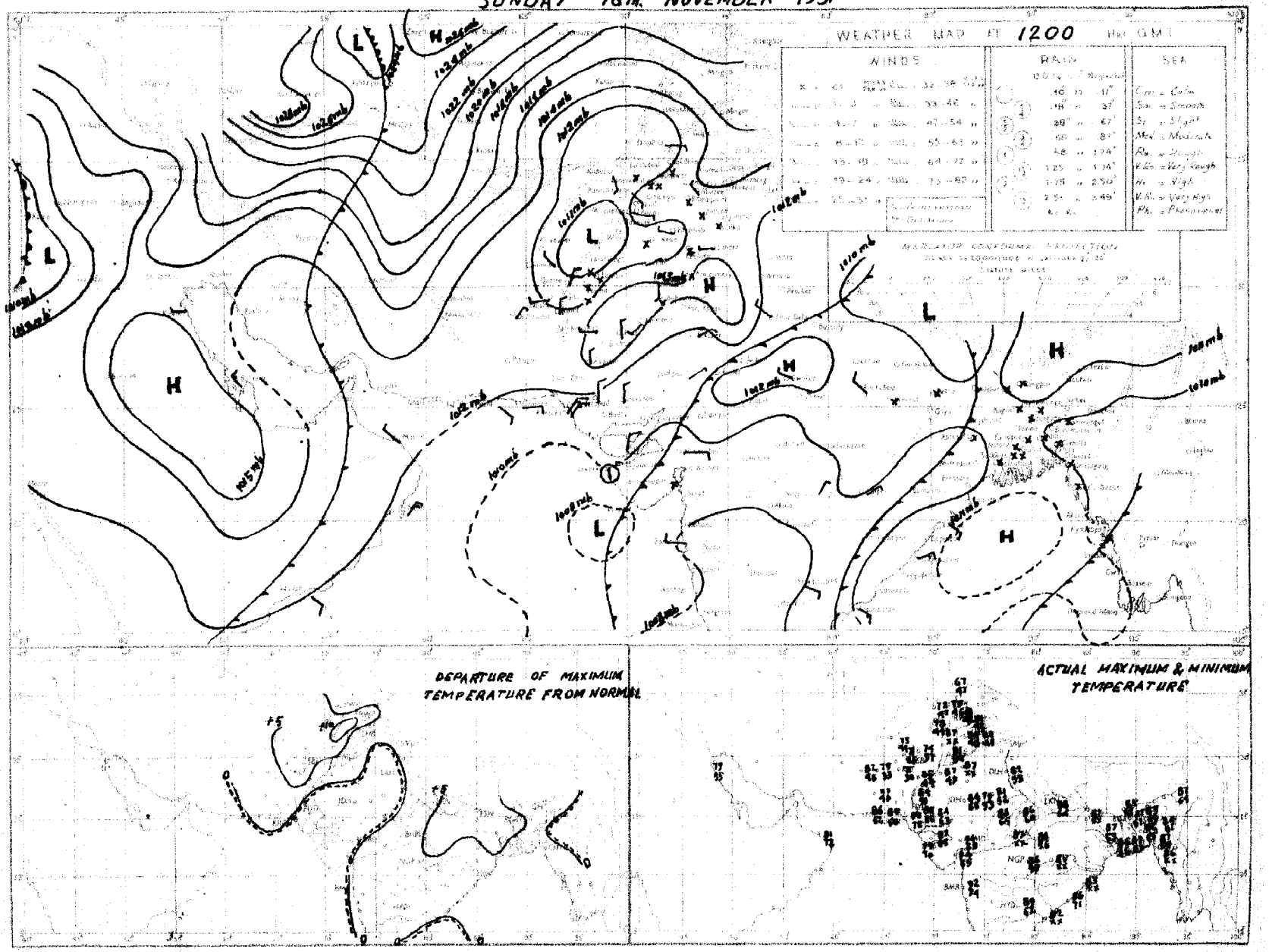
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

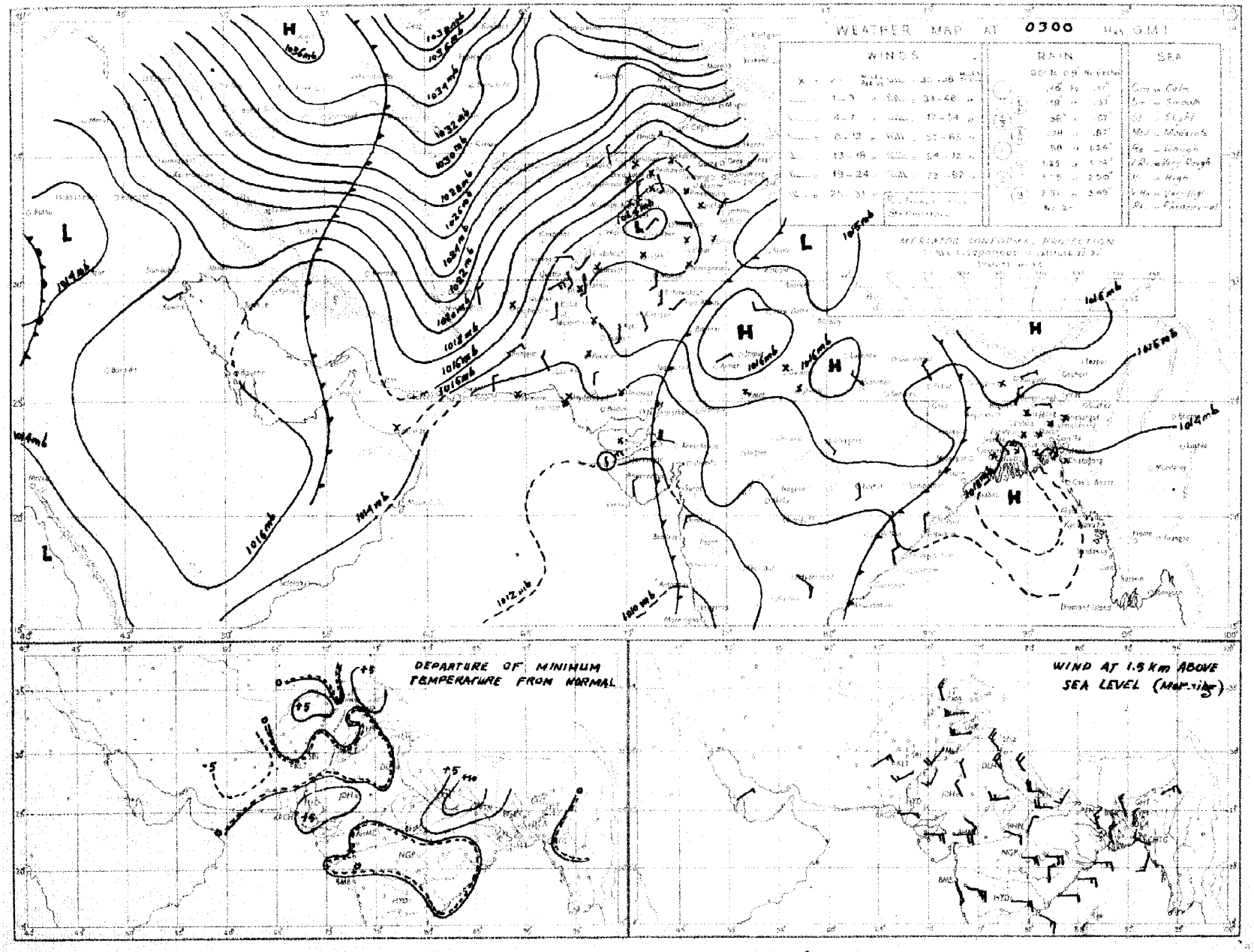
PAKISTAN DAILY WEATHER MAP

SUNDAY 18th. NOVEMBER 1951



PAKISTAN DAILY WEATHER MAP

MONDAY 19th: NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR TUESDAY, THE 20th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's western disturbance now lies over Iraq and is moving eastnortheastwards.
A ridge of high extends from Russian Turkistan to southeast Iran.
Conditions are unsettled in southeast Arabian Sea.

Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal in the North-West Frontier Province and lower Sind.

Forecast valid until the evening of 21st:—Weather will be dry over the country.
There will be appreciable fall in night temperatures over north Baluchistan.

Karachi-11.
The 20th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTdf	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDBDMTxTn	At 0300 Hrs. G. M. T. of date RRRTdTdf	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDBDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 66	0 00 00	94 00 0	107 77	0 0 9 0 0	- - - 86	000 68	0 00 00	97 00 0	134 76	0 0 9 0 0	- - - 65	+ 2	- 2	0.1	- 2.5	121.5	140
	Chittagong	000 67	0 29 03	96 00 0	099 77	0 0 9 0 0	- - - 85	000 67	0 00 00	97 00 0	134 77	0 0 9 0 0	0 × × 64	+ 2	- 1	0	- 1.7	134.5	109
	Noakhali	000 68	0 00 00	×× ×× ×	××× 76	0 0 9 0 0	- - - 85	000 68	0 00 00	×× ×× ×	××× 78	0 0 9 0 0	- - - 66	+ 2	+ 1	0.6	- 0.7	—	115
	Comilla	000 72	2 00 00	97 00 1	102 78	2 2 7 0 0	- - - 87	000 67	0 00 00	98 00 4	135 75	0 0 9 0 0	- - - 65	+ 4	+ 3	0.7	- 1.0	131.9	94
	Brahmanbaria	000 71	0 00 00	×× 00 1	101 81	0 0 9 0 0	- - - 85	000 68	0 00 00	97 00 0	134 79	0 0 9 0 0	- - - 66	—	—	0	- 1.0	65.5	78
	Dacca	××× 66	1 00 00	×× 01 2	100 74	1 1 6 0 0	- - - 86	000 72	1 00 00	97 03 1	130 76	1 5 6 0 0	6 0 - 62	—			—	—	78
	Narayanganj	000 67	0 00 00	×× 00 1	097 71	- - - - -	- - - 83	000 67	0 09 02	95 00 4	124 80	0 0 9 0 0	6 × × 69	+ 5	+ 4	0	- 0.8	88.8	—
	Mymensingh	000 69	0 00 00	99 00 1	106 78	0 0 9 0 0	- - - 82	000 70	0 00 00	99 00 0	132 76	0 0 9 0 0	- - - 65	0	+ 1	2.3	+ 1.4	64.0	74
	Srimangal	000 76	6 00 00	×× 02 1	102 74	4 8 5 0 3	- - - 84	000 69	0 00 00	96 00 1	134 75	0 0 9 0 0	- - - 60	- 2	+ 1	0.2	- 1.1	105.4	91
	Khulna	000 68	0 00 00	96 00 0	106 77	0 0 9 0 0	- - - 87	000 68	0 02 02	98 00 0	141 78	0 0 9 0 0	- - - 67	+ 4	+ 2	0	- 1.1	53.4	98
	Satkhira	000 76	0 00 00	98 00 0	100 78	0 0 9 0 0	- - - 86	000 68	0 31 02	98 00 0	135 77	0 0 9 0 0	- - - 64	+ 1	+ 1	0	- 0.7	44.7	66
	Jessore	000 69	0 00 00	97 00 0	116 75	0 0 9 0 0	- - - 85	000 73	0 05 02	97 00 0	147 75	0 0 9 0 0	- - - 75	—		0	- 0.9	45.9	65
	Faridpur	000 69	1 00 00	95 05 0	121 78	0 0 9 0 8	- - - 79							- 2					65
	Barisal	003 67	1 00 00	97 01 1	099 99	0 0 0 2 0	- - - 85	000 69	0 05 02	97 00 0	128 74	0 0 9 0 0	- - - 66	+ 2	+ 2	0.4	- 0.9	73.9	71
	Pabna																		81
	Rompu Boalia																		59
	Sirajganj	000 69	0 00 00	×× 00 0	097 77	0 0 9 0 0	- - - 82	000 69	0 00 00	98 00 0	129 75	0 0 9 0 0	- - - 64	—	+ 2	1.3	- 0.7	67.2	55
	Bogra	000 66	1 00 00	96 01 0	101 79	0 0 9 0 1	- - - 84	000 67	0 00 00	96 00 0	136 76	0 0 9 0 0	- - - 63	+ 2	+ 1	1.2	+ 0.4	46.2	64
	Dinajpur	000 65	0 00 00	×× 00 0	117 78	0 0 9 0 0	- - - 86	000 65	0 00 00	96 00 0	142 73	0 0 9 0 0	- - - 61	+ 4	+ 1	0	- 0.3	48.6	69
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	- - - —	000 ××	0 07 02	98 00 1	— —	0 0 9 0 0	- - - —	-		0.4	0	79.5	72
KASHMIR	Srinagar †																		64
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyalpur	000 37	0 16 02	96 00 0	112 80	0 0 9 0 0	- - - 83	000 38	0 16 02	95 10 4	130 55	0 0 9 0 0	- - - 50	+ 2	+ 2	0	0	10.2	12
	Lahore	000 55	0 00 00	96 00 0	121 72	0 0 9 0 0	- - - 85	000 45	0 00 00	96 00 0	145 50	0 0 9 0 0	- - - 45	+ 2	- 1	0	- 0.1	14.7	19
	Sialkot	000 46	0 00 00	97 00 0	116 78	0 0 9 0 0	- - - 81	000 42	0 00 00	97 00 0	143 51	0 0 9 0 0	- - - 51	+ 1	+ 2	0	- 0.1	18.7	82
	Jhelum	000 44	0 00 00	96 00 0	118 78	0 0 9 0 0	- - - 79	000 39	1 00 00	96 01 0	157 51	0 0 9 0 1	- - - 43	—	—	0	—	26.8	—
	Rawalpindi	000 40	0 00 00	99 00 0	101 74	0 0 9 0 0	- - - 81	000 37	1 00 00	96 05 1	159 50	0 0 9 0 1	- - - 44	+ 4	+ 1	0	- 0.2	25.7	36
	Murree †	000 28	0 29 02	98 00 0	075 53	0 0 9 0 0	- - - 65	000 09	3 00 00	98 01 1	078 51	0 0 9 0 4	2 3 × 47	+ 9	+ 6	0.1	- 0.3	45.2	59
	Attock	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	2 00 00	97 00 0	— —	0 0 9 0 1	- - - —	-		—	—	—	—
	Khushab	000 51	0 11 02	96 00 0	118 77	0 0 9 0 0	- - - 84	000 43	0 11 05	99 00 0	142 58	0 0 9 0 0	- - - 49	+ 2	0	0	- 0.1	8.0	15
	Montgomery	000 51	0 23 02	96 00 0	110 81	0 0 9 0 0	- - - 86	000 39	0 31 03	96 00 0	132 58	0 0 9 0 0	- - - 49	+ 3	- 2	0	0	6.1	10
	Leiah	000 60	0 23 02	97 00 0	108 83	0 0 9 0 0	- - - 85	000 42	0 00 00	97 10 0	138 49	0 0 9 0 0	- - - 42	-		0	—	6.6	8
	Multan	000 45	0 18 02	96 00 0	097 84	0 0 9 0 0	- - - 87	000 38	0 00 00	95 00 0	134 59	0 0 9 0 0	- - - 47	+ 5	- 3	0	0	9.9	7
	Khanpur	000 44	0 23 03	95 05 0	106 85	0 0 9 0 0	- - - 87	000 45	0 34 02	95 04 0	128 53	0 0 9 0 0	- - - 51	0	0	0	0	1.9	6
	Bahawalpur	000 56	0 00 00	97 00 0	105 82	0 0 9 0 0	- - - 89	000 35	0 18 02	97 00 0	122 54	0 0 9 0 0	- - - 51	+ 4	0	0	0	4.5	6
	Fort Abbas	000 73	0 ×× ××	96 00 0	108 85	0 0 9 0 0	- - - 90	000 33	0 18 00	96 00 0	140 64	0 0 9 0 0	- - - 50		—	0		3.7	8
N. W. F. P.	Drosh *	000 64	0 10 02	99 00 0	093 62	0 0 9 0 0	- - - 70	000 17	0 00 00	99 00 0	035 46	0 0 9 0 0	- - - 45	+ 6	+ 2	0.6	—	2.9	18
	Chakdara	000 46	0 20 03	99 00 0	098 69	0 0 9 0 0	- - - 78	000 34	0 36 02	98 00 0	160 46	0 0 9 0 0	- - - 40			0.3	—	20.6	—
	Cherat *	000 29	0 18 05	97 00 0	096 65	0 0 9 0 0	- - - 75	000 29	0 16 02	98 00 0	095 49	0 0 9 0 0	- - - 46	+19	- 3	0.1	- 0.1	28.9	29
	Peshawar	000 46	1 00 00	96 02 1	117 68	0 0 9 0 1	- - - 75	000 33	2 00 00	96 02 1	150 50	0 0 9 0 1	- - - 47	- 1	- 1	0.1	0	9.2	14
	Parachinar	000 13	0 18 02	99 00 1	080 69	0 0 9 0 0	- - - 75	000 21	2 00 00	99 01 1	097 50	0 0 9 0 1	2 9 × 44	+12	+ 5	0.2	—	28.7	29
	Miranshah	000 21	0 11 02	99 00 0	084 74	0 0 9 0 0	- - - 75	000 12	0 00 00	99 00 0	085 45	0 0 9 0 0	- - - 41	—	—	0	0	10.5	13
	Bannu	000 75	0 13 02	99 00 0	113 79	0 0 9 0 0	- - - 82	000 33	0 16 02	99 00 0	153 51	0 0 9 0 0	- - - 47	—	—	0		5.9	11
	D. I. Khan	000 56	0 00 00	97 00 0	099 78	0 0 9 0 0	- - - 78	000 42	0 02 02	96 00 0	138 51	5 0 9 0 0	- - - 51	- 3	+ 4	0	- 0.1	2.8	9
	Wana																		9
	Landikotal	000 43	0 23 03	99 00 0	072 67	0 0 9 0 0	- - - 81	000 31	2 00 00	99 02 1	094 43	2 0 9 7 0	- - - 39		-	0	—	12 0	11
	Hangu	×× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	-	—	-	—
	Thull	××× ××	0 23 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 17	0 00 00	97 05 0	089 81	0 0 9 0 0	- - - 88	000 05	0 00 00	97 05 0	015 46	0 0 9 0 0	- - - 40	+13	+ 1	0	0	10.0	11
	Hindubagh	000 11	0 31 18	98 00 0	067 70	0 0 9 0 0	- - - 83	000 19	0 27 09	98 00 0	082 53	0 0 9 0 0	- - - 37			0	—	9.0	—
	Loralai	000 23	0 00 00	97 00 0	079 70	0 0 9 0 0	- - - 81	000 ××	0 31 05	98 00 0	009 41	0 0 9 0 0	- - - 38			0	—	8.5	—
	Harnai (a)	000 ××	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 18 02	96 00 0	— —	0 0 9 0 0	- - - —		-	0	- 0.1	10.6	14
	Sibi	000 29	0 00 00	99 00 0	102 85	0 0 9 0 0	- - - 89	000 30	0 00 00	98 00 0	126 49	0 0 9 0 0	- - - 46	-	-	0	—	3.8	5
	Quetta †	000 33	0 02 05	99 00 0	080 67	0 0 9 0 0	- - - 69	000 22	0 00 00	98 00 0	074 59	0 0 9 0 0	- - - 27	-		0	- 0.1	9.3	9
	Chaman	000 55	0 29 02	97 00 0	085 70	0 0 9 0 0	- - - 73	000 30	0 11 03	97 00 0	034 45	0 0 9 0 1	- - - 43	+ 6	+ 1	0	0	9.6	8
	Nushki	000 28	0 25 05	97 00 0	063 72	0 0 9 0 0	- - - 75	000 21	0 07 07	97 00 0	086 57	0 0 9 0 0	- - - 50	—	—	0	—	5.4	—
	Dalbandin *	000 21	0 11 02	96 00 0	016 74	0 0 9 0 0	- - - 75	000 18	0 00 00	96 00 0	018 43	0 0 9 0 0	- - - 39	+ 2	0	0	0	1.8	4
	Nokkundi	000 01	0 00 00	99 00 0	111 83	0 0 9 0 0	- - - 83	000 18	1 34 02	99 03 0	181 48	0 0 9 0 1	0 0 × 45	-	—	0	—	0.9	2
	Kalat †	000 46	0 36 05	98 00 0	095 67	0 0 9 0 0	- - - 70	000 21	0 18 05	96 00 0	096 31	0 0 9 0 0	- - - 29	+ 8	- 1	0	- 0.1	9.7	7
	Turbat	006 40	0 04 02	96 00 0	112 93	0 0 9 0 0	- - - 95												—
	Panjgur *	000 22	0 31 05	97 00 0	095 74	0 0 9 0 0	- - - 76	000 36	0 05 05	97 00 0	007 43	0 0 9 0 0	- - - 40	+ 3	- 4	0	—	3.2	5
	Las Bela	000 59	0 00 00	99 00 0	089 90	0 0 9 0 0	- - - 95	000 48	0 32 02	99 00 0	120 74	0 0 9 0 0	- - - 52	-	—	0	—	1.7	8
	Ormara	000 79	0 27 05	97 00 0	107 82	0 0 9 0 0	- - - 88	000 48	0 07 02	98 00 0	114 71	0 0 9 0 0	- - - 65	-	—	0	0	3.1	6
	Pasni	000 62	0 23 07	98 00 0	112 89	0 0 9 0 0	- - - 90	000 50	0 31 03	96 00 0	121 65	0 0 9 0 0	- - - 62	+ 5	+ 3	0	- 0.1	4 9	6
	J wani																		4
SIND	Reti	000 32	0 27 05	96 00 0	115 88	0 0 9 0 0	- - - 89	000 36	0 05 03	96 00 0	127 52	0 0 9 0 0	- - - 47	—	—	0	—	2.2	—
	Jacobabad	000 25	0 31 02	97 00 0	109 82	0 0 9 0 0	- - - 86	000 34	0 29 03	97 00 0	124 55	0 0 9 0 0	- - - 52	+ 1	- 1	0	0	0.7	4
	Sukkur	000 48	0 00 00	96 00 0	104 86	0 0 9 0 0	- - - 89	000 40	0 13 ××	96 00 0	118 63	0 0 9 0 0	- - - 58			0	—	1 0	4
	Padidan	000 46	0 00 00	98 00 0	108 81	0 0 9 0 0	- - - 88	000 41	0 00 00	98 00 0	118 66	0 0 9 0 0	- - - 53	—	—	0	—	0.9	—
	Karachi (*Mamora*)	000 76	0 00 00	99 00 0	104 85	0 0 9 0 0	- - - 89	000 64	0 00 00	99 00 0	118 78	0 0 9 0 0	- - - 71	+ 5	+ 5	0	- 0 1	1.6	3
	Karachi (*A. P.*)	000 57	1 20 05	97 01 2	105 88	0 0 9 4 0	- - - 95	000 45	0 00 00	97 00 0	116 70	0 0 9 0 0	- - - 68	—		0		3.0	—
	Badin	000 61	0 05 02	96 00 1	118 74	0 0 9 0 0	- - - 75												9
	Nagarparkar																		—
	Chhor (*Umarkot*)	000 68	0 31 03	97 00 0	092 85	0 0 9 1 0	- - - 92	000 57	0 36 03	97 00 0	119 69	0 0 9 0 0	- - - 65			0		2.3	—
	Hyderabad	000 55	0 00 00	96 00 0	106 87	0 0 9 0 0	- - - 91	000 52	0 00 00	95 05 1	115 70	0 0 9 0 0	- - - 67	+ 3	+ 3	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul																		12
	Jalalabad	000 56	1 00 00	97 00 1	095 76	0 0 9 0 1	2 9 × 79	000 39	1 27 02	97 01 1	046 53	0 0 9 0 1	3 9 × 45	—	—	0.1	—	7.0	—
	Kandahar	000 27	0 00 00	98 00 0	086 76	0 0 9 0 0	- - - 75	000 26	0 00 00	97 00 0	066 32	0 0 9 0 0	- - - 28	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 20TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_sD_wT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR $P_1P_1T_d$	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_sD_wT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 52 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12
Arabia	Muscat	—	000 67	6 31 05	99 01 1	124 79	0 0 9 0 2	0 7 × 79	000 67	5 31 02	99 02 2	130 79	0 0 9 0 2	— — — 14	— 4	0	0	—	3 4	4
	Bharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 ××	0 07 03	97 00 0	139 75	0 0 9 0 0	— — — 76	000 ××	2 25 03	97 00 0	139 67	0 0 9 0 1	— — — 55	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Neptunia	23 172	657 06	0 00 00	99 00 0	079 81	00 9 00	—	—	—	—
Clan Urquhart	22 096	559 06	3 01 13	99 02 1	124 83	32 × 00	7 5 115	—	0 01 74	1 36 ×8
Benwreck	23 096	634 06	5 00 00	98 03 0	105 82	53 × 00	6 4 300	—	0 05 75	1 00 ×0
Renpang	23 081	726 18	2 26 02	98 03 0	107 82	1× 4 74	2 6 111	—	0 51 27	1 34 31
Jalamayur	23 108	589 18	3 36 08	98 02 1	078 80	31 7 00	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P2h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	008 29	089 60	000 31	290 81	854 96	170 59	700 30	050 39
	11	12	13	14	15	16	17	18	19
Karachi	509 17	539 94	801 74	829 91	200 74	039 91	555 55	339 00	210 45
	20	21	22	23	24	25	26		
Karachi	668 00	140 53	446 00	009 97	525 80	009 90	484 00		

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30
	2	3	4	5	6	7	8	9	10	11
Bogra	13 04	29 05	29 04	29 03	28 03	21 24	27 32	—	—	—
Chhor	36 03	02 03	04 04	08 02	28 03	20 04	19 04	27 25	—	—
Chittagong	01 07	33 04	33 03	—	—	—	—	—	—	—
Cox's Bazar	35 11	35 07	03 09	31 09	30 10	28 12	29 32	26 27	—	—
Dacca	31 03	33 03	34 03	33 05	29 11	27 26	—	—	—	—
Dalbandin	—	—	08 06	35 03	03 07	06 10	09 14	06 05	21 04	20 08
Drosh	—	—	—	—	03 07	02 12	06 07	33 25	30 29	—
Fort Sandeman	—	—	—	24 06	24 04	32 11	32 15	31 15	—	—
Jacobabad	31 02	27 02	27 04	25 06	14 06	12 06	07 10	02 03	—	—
Jhelum	18 03	12 04	26 06	28 10	31 13	32 14	31 23	30 31	29 38	29 43
Jiwani	—	—	—	—	—	—	—	—	—	—
Karachi	10 03	08 02	10 02	17 04	17 05	36 04	21 06	25 24	25 24	—
Khanpur	22 06	24 09	24 10	15 05	07 03	03 05	33 05	28 09	27 29	—
Lahore	18 02	35 01	26 07	30 16	31 21	32 27	31 19	31 29	30 38	29 57
Multan	18 07	22 12	22 14	21 15	21 09	23 03	16 15	31 11	—	—
Peshawar	—	07 06	16 06	29 11	29 25	30 23	31 25	29 29	—	—
Quetta	—	—	—	—	32 04	01 02	01 06	33 03	—	—
Bushire	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—

STATION	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10
	12	13	14	15	16	17
Bogra	34 04	35 06	34 10	32 06	30 16	—
Chhor	—	—	—	—	—	—
Chittagong	35 09	34 09	34 10	35 04	29 17	—
Cox's Bazar	35 13	35 63	36 12	35 02	29 13	—
Dacca	01 05	25 05	28 03	31 03	33 17	—
Dalbandin	—	—	01 01	06 04	05 07	07 04
Drosh	—	—	—	06 03	04 02	01 06
Fort Sandeman	—	—	—	25 03	25 05	33 06
Jacobabad	19 01	20 04	21 08	30 12	24 12	10 04
Jhelum	02 03	22 03	22 03	32 05	28 13	31 21
Jiwani	—	—	—	—	—	—
Karachi	27 05	26 03	18 03	27 04	19 03	25 06
Khanpur	20 14	23 11	22 13	32 19	10 05	07 07
Lahore	25 04	25 04	26 04	28 06	30 09	28 18
Multan	31 10	20 15	20 17	23 15	23 11	34 07
Peshawar	—	32 02	34 02	15 03	33 12	29 32
Quetta	—	—	—	—	35 07	—
Bushire	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—

STATION	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	18	19	20	21	22	23	24	25
Bogra	31 04	01 04	01 06	35 06	33 17	31 13	—	—
Chhor	06 05	04 02	35 01	21 05	23 10	25 06	20 09	27 29
Chittagong	01 10	01 12	02 09	01 04	35 10	34 11	25 11	—
Cox's Bazar	01 13	01 11	05 06	33 05	29 07	29 18	27 29	27 48
Dacca	05 07	04 05	35 05	31 06	31 21	28 31	—	—
Dalbandin	—	—	07 06	08 08	01 07	04 05	10 08	32 04
Drosh	—	—	—	—	03 07	36 11	36 09	30 38
Fort Sandeman	—	—	—	28 04	23 04	27 10	25 09	28 20
Jacobabad	36 05	01 01	26 00	30 14	04 09	06 03	07 04	—
Jhelum	07 04	22 02	13 02	31 02	28 12	31 16	29 25	—
Jiwani	—	—	—	—	—	—	—	—
Karachi	30 12	20 11	32 20	20 07	21 05	26 09	24 15	25 16
Khanpur	33 06	24 09	24 11	23 15	25 12	08 08	29 08	30 05
Lahore	11 02	25 01	20 03	29 11	29 11	28 15	31 15	29 22
Multan	10 07	21 15	22 21	23 19	26 11	25 07	27 05	—
Peshawar	—	27 01	35 06	36 04	29 01	29 39	29 34	—
Quetta	—	—	—	—	34 03	32 09	—	—
Bushire	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—

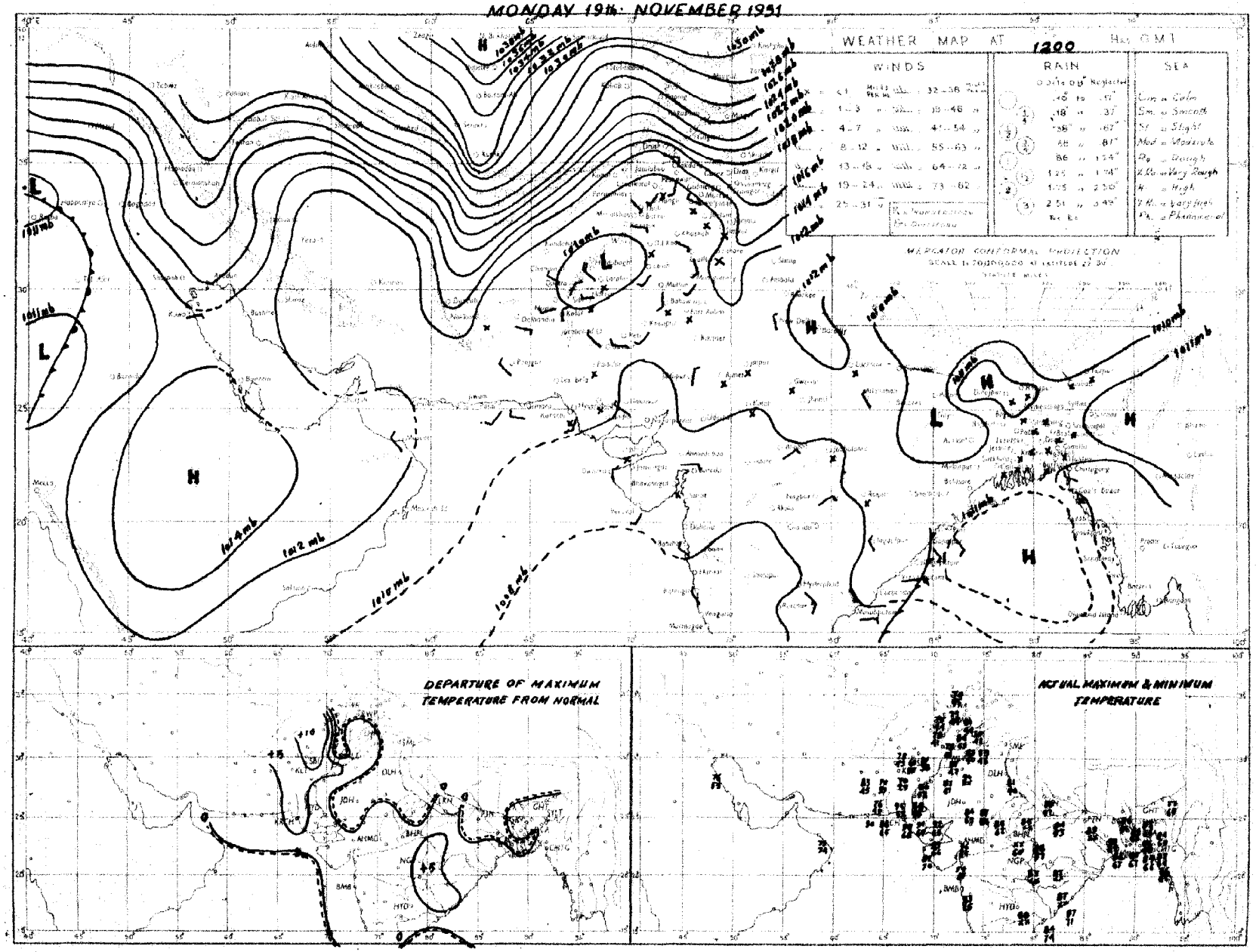
*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

Cloud Observation Data (iiiGG Cddv$_r$ v$_r$)

PAKISTAN DAILY WEATHER MAP

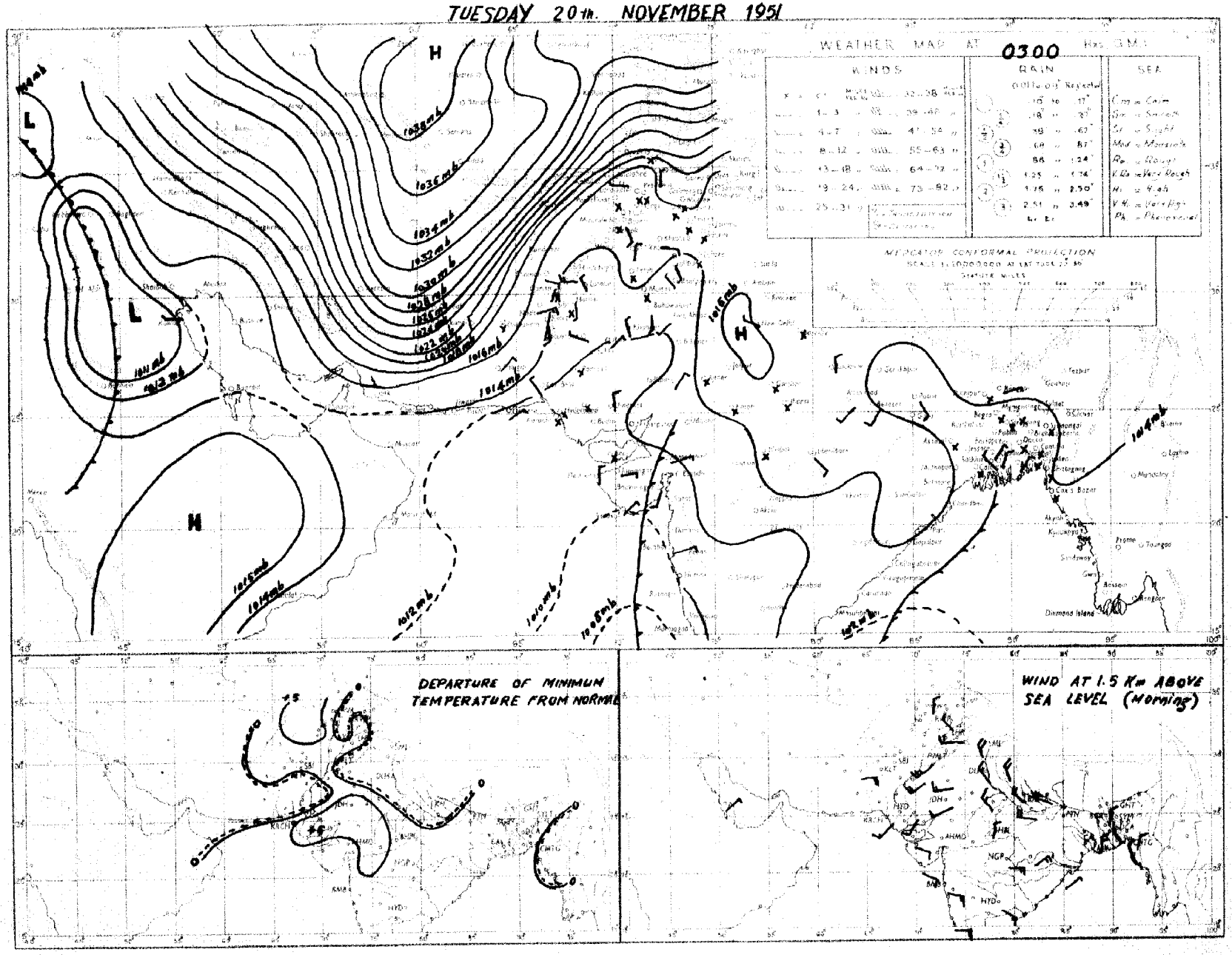
MONDAY 19th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 20th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR WEDNESDAY, THE 21st NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance is moving eastnortheastwards across north Iraq. Its associated trough extends to head Persian Gulf.

Unsettled conditions in southeast Arabian Sea persist; likely to concentrate into a depression with its central region within one degree latitude 13°N and longitude 71°E.

Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal over the country outside north Baluchistan.

Forecast valid until the evening of 22nd :—Weather will be dry over the country.

Karachi-11.
The 21st November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 65	0 00 00	94 00 0	102 78	0 0 9 0 0	- - - 86	000 67	0 00 00	97 00 0	142 78	0 0 9 0 0	- - - 65	+ 2	0	0.1	- 2.6	121.5	140
	Chittagong	000 69	0 31 02	96 00 0	099 77	0 0 9 0 0	- - - 87	000 64	0 07 05	97 99 0	141 77	0 0 9 0 0	- - - 65	+ 4	+ 2	0	- 1.7	134.5	108
	Noakhali	000 68	0 00 00	xx xx x	xxx 76	0 0 9 0 0	- - - 85	000 65	0 00 00	xx xx x	xxx 76	0 0 0 0 0	- - - 64	+ 2	0	0.6	- 0.7	—	115
	Comilla	000 71	2 00 00	98 00 1	101 77	2 2 7 0 0	- - - 87	000 71	0 00 00	98 00 0	135 75	0 0 9 0 0	- - - 66	+ 4	+ 5	0.7	- 0.5	131.9	94
	Brahmanbaria	000 68	0 00 00	xx 00 1	105 73	0 0 9 0 0	- - - 86	000 68	0 09 02	97 00 0	138 80	0 0 9 0 0	- - - 66	—	—	0	- 1.0	65.5	78
	Dacca	xxx 66	0 00 00	xx 00 1	098 74	0 0 9 0 0	9 x x 86	000 66	0 00 00	96 00 0	136 77	0 0 9 0 0	- - - 61	—	—		—		
	Narayanganj	000 65	0 00 00	xx 00 0	096 72	0 0 9 0 0	9 x x 88	000 65	8 18 02	95 00 0	134 81	- - - - -	6 x x 67	+ 5	+ 3	Tr.	- 0.9	88.8	77
	Mymensingh	000 67	0 00 00	99 00 0	100 78	0 0 9 0 0	- - - 83	000 69	0 00 60	99 00 0	143 77	0 0 9 0 0	- - - 65	+ 1	+ 2	2.3	+ 1.4	64.0	91
	Srimangal							000 68	1 00 00	96 02 1	138 73	1 2 7 0 0	- - - 58		+ 1	0.2	- 1.1	105.4	98
	Khulna	000 67	0 00 00	97 00 0	101 78	0 0 9 0 0	- - - 87	000 64	0 27 02	98 00 0	148 80	0 0 9 0 0	- - - 65	+ 4	+ 4	0	- 1.1	58.4	68
	Satkhira	000 73	0 00 00	97 00 0	109 77	0 0 9 0 0	- - - 86	000 71	0 31 02	98 00 0	134 76	0 0 9 0 0	- - - 63	+ 1	+ 4	0	- 0.7	44.7	65
	Jessore	000 75	0 00 00	97 00 1	100 75	0 0 9 0 0	- - - 86	000 71	0 00 00	97 00 1	144 72	0 0 9 0 0	- - - 70	—		0	- 0.9	45.9	65
	Faridpur	000 78	0 00 00	95 05 0	098 78	0 0 9 0 0	- - - 78	000 65	0 00 00	95 05 0	137 74	0 0 9 0 0	- - - 63	- 3	+ 2	0.4	- 0.6	73.9	71
	Barisal	003 69	0 00 00	97 00 1	095 80	0 0 9 0 0	- - - 85	000 68	0 00 00	98 00 0	137 75	0 0 9 0 0	- - - 65	+ 2	+ 2	0.4	- 1.0	73.9	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 70	1 00 00	xx 01 1	091 73	1 2 x 0 0	- - - 84	000 65	0 18 02	98 00 0	133 75	0 0 9 0 0	- - - 65	—	—	1.3	+ 0.7	67.2	64
	Bogra	000 65	0 00 00	96 00 0	112 79	0 0 9 0 0	- - - 85	000 65	1 00 00	96 01 0	136 75	1 1 6 0 x	- - - 63	+ 3	+ 2	1.2	+ 0.4	48.2	69
	Dinajpur	000 61	0 00 00	xx 00 0	111 70	0 0 9 0 0	- - - 87	000 61	0 00 00	96 00 0	145 77	0 0 9 0 0	- - - 59	+ 5	0	0	- 0.3	48.6	72
	Rangpur	000 xx	0 07 02	xx 00 9	— —	0 0 9 0 0	- - - -	000 xx	1 00 00	98 02 1	— —	0 0 9 1 0	- - - —			0.3	- 0.1	79.5	84
KASHMIR	Srinagar †																		
	Gulmerg †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Allahabad																		
PUNJAB	Lyallpur	000 46	1 16 02	96 01 0	086 78	0 0 9 0 2	- - - 82	000 41	4 07 04	96 01 0	132 55	0 0 9 0 2	0 3 0 50	+ 1	+ 4	0	- 0.1	10.2	12
	Lahore	000 57	1 00 00	96 03 0	104 73	0 0 9 0 1	0 0 x 84	000 42	1 00 00	96 02 1	141 59	0 0 9 0 2	3 0 x 48	+ 1	+ 3	0	- 0.1	14.7	19
	Sialkot	000 46	1 00 00	97 03 0	105 73	0 0 9 0 1	- - - 83	000 43	2 00 00	97 03 1	141 63	0 0 9 0 1	- - - 53	+ 3	+ 6	0	- 0.1	18.7	32
	Jhelum	000 45	0 00 00	96 00 1	106 70	0 0 9 0 0	- - - 81	000 41	2 00 00	96 03 0	157 47	0 0 9 0 1	- - - 43	—	—	0	-	26.8	—
	Rawalpindi	000 50	0 00 00	99 00 1	092 73	0 0 9 0 5	- - - 81	000 35	2 00 00	96 01 1	157 50	0 0 9 0 1	- - - 44	+ 4	+ 2	0	- 0.2	25.7	26
	Murree †	000 30	0 00 00	98 00 1	062 52	0 0 9 0 0	- - - 61	000 15	6 10 03	98 02 1	174 51	0 0 9 0 4	2 5 x 15	+ 5	+ 5	0.1	- 0.4	45.2	59
	Attock	xxx xx	2 00 00	98 00 0	— —	0 0 9 0 1	- - - —	xxx xx	7 00 00	98 00 0	— —	0 0 9 0 1	- - - —			—		—	—
	Khushab	000 53	0 11 02	97 00 0	110 77	0 0 9 0 0	- - - 80	000 46	0 11 05	98 00 0	147 58	0 0 9 0 0	- - - 50	- 2	+ 3	0	- 0.1	8.0	15
	Montgomery	000 54	0 00 00	96 00 0	092 84	0 0 9 0 0	- - - 85	000 45	0 31 03	96 00 0	128 57	0 0 9 0 0	- - - 49	+ 2	0	0	0	6.1	10
	Leiah	000 57	0 05 02	97 00 0	097 81	0 0 9 0 0	- - - 81	000 42	0 31 02	97 00 0	146 51	0 0 9 0 0	- - - 43			0	—	6.6	8
	Multan	000 49	0 00 00	97 00 0	093 86	0 0 9 0 0	- - - xx							—					7
	Khanpur	000 51	0 34 02	95 05 0	089 87	0 0 9 0 0	- - - 89	000 42	0 05 05	95 04 0	125 58	0 0 9 0 0	- - - 53	+ 2	+ 4	0	0	1.1	6
	Bahawalpur	000 59	0 00 00	97 00 0	091 81	0 0 9 0 0	- - - 88	000 47	0 00 00	96 00 0	125 53	0 0 9 0 0	- - - 53	+ 3	+ 5	0	0	4.5	4
	Fort Abbas	000 77	0 xx xx	96 00 0	xxx 88	0 0 9 0 0	- - - 91	000 44	0 xx xx	96 00 0	126 66	0 0 9 0 0	- - - 49		—	0	-	3.7	8
N. W. F. P.	Drosh *							000 27	8 00 00	98 02 1	041 45	0 0 9 1 1	- - - 44		+ 2	0.3	—	2.9	18
	Chakdara	000 47	0 20 03	99 00 0	092 67	0 0 9 0 0	- - - 75	000 63	0 36 02	98 00 0	176 43	0 0 9 0 0	- - - 41		—	0.3	—	20.6	—
	Cherat *	000 36	0 16 04	97 00 0	078 62	0 0 9 0 0	- - - 76	000 32	3 24 04	97 03 0	007 54	0 0 9 0 1	0 6 x 46	+ 5	- 1	0.1	- 0.1	28.9	29
	Peshawar	000 44	1 00 00	96 03 1	109 68	0 0 9 0 1	- - - 74	000 34	5 23 03	95 02 1	161 51	0 0 9 0 0	0 6 x 47	- 2	+ 1	0.1	0	9.2	14
	Parachinar	000 17	0 13 02	99 00 1	067 63	0 0 9 0 0	5 x x 69	000 20	5 00 00	99 01 1	070 45	0 0 9 0 1	2 0 x 43	+ 6	+ 8	0.2		28.7	29
	Miranshah	000 30	0 11 01	99 00 0	077 71	0 0 9 0 0	- - - 72	000 19	3 00 09	98 02 1	000 45	3 0 9 0 3	- - - 41			0	0	10.5	15
	Bannu	000 22	0 00 00	99 00 0	104 78	0 0 9 0 0	- - - 79	000 34	0 36 02	99 00 0	166 50	0 0 9 0 0	- - - 47	—	—	0		5.9	11
	D. I. Khan	000 55	0 00 00	97 00 0	102 79	0 0 9 0 0	- - - 80	000 37	9 27 01	96 00 0	149 49	0 0 9 0 0	- - - xx	- 1	—	0	- 0 1	2.3	9
	Wana																		11
	Landikotal	000 43	0 05 03	99 00 0	068 63	0 0 9 0 0	- - - 74	000 28	6 00 00	99 02 1	003 48	0 0 9 0 3	- - - 39	-	-	0	—	12.0	—
	Hangu	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	xxx xx	0 18 00	99 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 00	0 00 00	97 05 0	057 77	0 0 9 0 0	- - - 80	000 12	0 00 00	96 05 0	017 44	0 0 9 0 0	- - - 39	+10	+ 2	0	0	10.0	11
	Hindubagh	000 07	0 13 18	97 01 1	049 68	0 0 9 0 2	7 6 x 81	000 14	0 00 00	98 00 0	074 44	0 0 9 0 0	- - - 34		-	0	—	9.0	—
	Loralai	000 07	0 00 00	97 00 0	057 67	0 0 9 0 0	- - - 76	000 06	0 00 00	98 00 0	000 43	0 0 9 0 0	- - - 33	—	-	0	—	8.5	—
	Harnai (a)	000 xx	0 09 02	96 00 0	—	0 0 9 0 0	- - - —	000 xx	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	—	-	0	- 0.1	10.6	14
	Sibi	000 39	0 00 00	99 00 0	084 85	0 0 9 0 0	- - - 89	000 29	0 05 05	98 00 0	136 50	0 0 9 0 0	- - - 47	—	-	0	—	3.8	5
	Quetta †	000 33	2 34 07	99 01 0	061 67	0 0 9 0 8	- - - 68	000 36	0 11 02	98 10 0	054 38	0 0 9 0 0	- - - 26	—	-	0	- 0 1	9 8	9
	Chaman	000 47	0 31 03	97 00 0	093 67	0 0 9 0 0	- - - 79	000 31	0 09 02	97 00 0	023 42	0 0 9 0 0	- - - 39	+ 3	- 2	0	0	9.6	8
	Nushki	000 30	1 29 05	98 01 0	049 71	0 0 9 0 1	3 7 0 73	000 21	0 11 00	98 00 0	071 53	0 0 9 0 0	- - - 49	—	—	0	—	5.4	—
	Dalbandin *	000 26	0 09 05	96 00 0	095 73	0 0 9 0 0	- - - 75	000 23	0 00 00	96 00 0	010 37	0 0 9 0 0	- - - 34	+ 2	- 2	0	0	1.8	4
	Nokkundi	000 25	2 00 00	99 03 1	100 79	0 0 9 0 1	9 0 x 80	000 14	1 00 00	99 00 0	171 46	0 0 9 0 0	- - - 42	—	—	0	—	0.9	2
	Kalat †	000 47	0 36 05	98 00 0	072 67	0 0 9 0 0	- - - 72	000 25	0 08 05	98 00 0	080 38	0 0 9 0 0	- - - 31	+10	+ 2	0	- 0.1	9.7	7
	Turbat	000 38	0 24 02	96 00 0	106 92	0 0 9 0 0	- - - 95	000 28	0 08 03	95 00 0	xxx 68	0 0 9 0 0	- - - 59	-	—	0	—	1.4	—
	Panjgur *							000 30	0 36 09	97 00 0	095 43	0 0 9 0 0	- - - 40		- 1	0	—	3.2	5
	Las Bela	000 68	0 00 00	99 00 0	075 92	0 0 9 0 0	- - - 95	000 51	0 00 00	98 00 0	122 71	0 0 9 0 0	- - - 50	—	—	0	—	1.7	8
	Ormara	000 73	0 27 02	98 00 0	084 90	0 0 9 0 0	- - - 90	000 64	0 00 03	98 00 0	109 67	0 0 9 0 0	- - - 62	—	—	0	0	2.1	6
	Pasni	000 38	0 28 07	98 00 0	088 87	0 0 9 0 0	- - - 89	000 50	0 27 03	98 00 0	111 63	0 0 9 0 0	- - - 60	+ 4	+ 3	0	- 0.1	4 9	6
	Jiwani																		4
SIND	Keti	000 29	0 00 00	96 00 0	095 87	0 0 9 0 0	- - - 90	000 41	0 05 03	96 00 0	124 61	0 0 9 0 0	- - - 57	—	—	0	—	2.2	—
	Jacobabad	000 44	0 00 00	97 00 0	093 85	0 0 9 0 0	- - - 86	000 35	0 05 02	97 00 0	119 64	0 0 9 0 0	- - - 56	+ 1	+ 4	0	0	0.7	4
	Sukkur	000 46	0 00 00	98 00 0	080 88	0 0 9 0 0	- - - 91	000 43	0 02 xx	96 00 0	115 60	0 0 9 0 0	- - - 58			0	—	1.0	4
	Padidan	000 50	0 00 00	98 00 0	085 84	0 0 9 0 0	- - - 86	000 47	0 00 00	98 00 0	116 59	0 0 9 0 0	- - - 56	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 75	0 25 05	99 00 0	086 82	0 0 9 0 0	- - - 85	000 71	0 00 00	99 00 0	111 74	0 0 9 0 0	- - - 72	+ 1	+ 8	0	- 0 1	1.6	3
	Karachi (*A. P.*)	000 55	0 25 09	97 00 0	086 87	0 0 9 0 0	- - - 93	000 54	0 00 00	97 00 0	114 68	0 0 9 0 0	- - - 64	—	-	0	—	3.0	—
	Badin	000 65	0 31 02	97 00 0	xxx 96	0 0 9 0 0	- - - 96	000 61	0 00 00	97 00 0	116 68	0 0 9 0 0	- - - 64	—	+ 6	0.9	+ 0.7	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 69	0 34 03	97 00 0	076 90	0 0 9 0 0	- - - 98	000 58	0 00 00	97 00 0	105 70	0 0 9 0 0	- - - 66	-	—	0	—	2.3	—
	Hyderabad	000 54	0 23 05	97 00 0	078 91	0 0 9 0 0	- - - 96	000 50	0 36 02	96 00 0	113 70	0 0 9 0 0	- - - 65	+ 8	+ 8	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 18	1 02 02	98 01 0	092 65	0 0 9 0 1	- - - 72	000 05	8 25 03	99 03 2	000 35	0 0 9 0 7	- - - 31	—	—	0	—	10.6	13
	Jalalabad							000 37	6 00 00	97 01 1	017 47	0 0 9 0 2	2 9 x 45		—	0.1	—	7.0	—
	Kandahar	000 45	x xx xx	98 01 1	069 66	0 0 9 0 2	- - - 74	000 23	0 00 00	97 00 0	003 32	0 0 9 0 0	- - - 28	—	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 21ST NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_RD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_RD_MT_xT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. '51 to date	Departure from normal	Since 1st Jan. '51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Arabia	Muscat	—	000 62	3 31 02	99 01	1094 80	3 0 8 0 2	0 7 × 82	000 67	0 00 00	99 00 0	116 76	0 0 9 0 0	- - - 73	- 1	0	—	3 8	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 ××	1 09 02	97 00 0	107 74	0 0 9 0 1	- - - 75	000 ××	0 27 07	97 00 0	142 69	0 0 9 0 0	- - - 52	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	1$d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Neptue	33 160	693 00	8 00 00	98 03 2	059 81	×× × ××				
Beavreck	33 105	589 06	5 00 00	98 03 1	108 80	21 6 61	6 4 300	—	0 06 72	1 00 ×0
Jalamayur	33 113	566 06	3 02 09	98 02 0	088 82	32 7 00		—		
Jalazad	33 148	546 06	0 02 05	99 00 0	130 80	00 9 00	2 6 110	—	0 51 78	1 04 33
Jalamayur	33 114	553 12	2 86 09	98 02 0	086 81	21 7 00	—	—		
Bemeracaje	33 107	577 12	8 01 10	98 03 1	077 81	65 × 2×	6 4 300	—	0 51 72	1 01 22
Singu	33 140	722 18	8 22 14	97 14 2	094 80	87 4 00	7 4 301	8 3 020	—	—
Jalamayur	33 113	566 06	3 62 09	98 02 0	088 82	32 7 00				
Jalazad	33 148	546 06	0 02 05	99 00 0	130 80	00 9 00	2 6 110	8 × ×××	0 51 78	1 04 33
Jalamayur	33 114	553 12	2 86 09	98 02 0	086 81	21 7 00	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	PiPihihihi	T1T1Td1Td1Tx1 etc.	5555	hihiPiPiPi	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 15	007 28	158 60	000 27	271 54	854 92	180 69	700 26	060 02
	509 10	519 94	301 71	809 97	200 74	019 90	555 55	339 00	230 62
	668 00	140 75	446 00	015 51	785 24	569 94	895 04		

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	01 02	82 04	38 05	30 06	39 30	28 20	28 37	—	—	—	19 01	27 00	36 02	28 16	28 17	28 16	19 11	30 08	20 08	24 15	26 25	29 28	28 38	29 48
Chhor	21 04	21 04	12 06	25 09	27 05	11 02	23 13	26 19	—	—	—	—	—	—	—	—	30 06	29 04	34 08	30 08	19 12	21 15	32 21	18 07
Chittagong	05 03	06 06	08 05	02 05	33 19	25 17	27 36	—	—	—	35 08	35 10	35 08	01 09	30 15	26 18	36 02	36 11	36 11	05 05	27 10	25 20	—	—
Cox's Bazar	35 11	36 08	05 09	01 15	01 04	29 11	27 32	—	—	—	01 11	36 06	32 04	—	—	—	—	—	—	—	—	—	—	—
Dacca	32 05	34 03	36 04	22 08	31 25	29 27	—	—	—	—	07 05	34 09	33 11	30 14	26 17	23 22	12 02	11 02	01 02	30 10	29 21	26 33	—	—
Dalbandin	—	—	08 06	03 03	05 07	08 03	13 06	26 12	—	—	—	—	08 06	09 09	07 03	08 03	—		07 06	17 09	30 03	19 06	16 13	24 29
Drosh	—	—	—		02 02	03 03	25 03	30 16	29 71	—	—		02 01	35 01	26 07		—	—	—	—	02 03	01 07	02 07	30 16
Port Sandeman	—		—	26 02	24 07	28 03	27 16	27 33	38 40	29 49	—	—	—	13 03	26 12	32 12	—	—	—	30 04	21 07	25 11	27 10	27 22
Jacobabad	17 03	17 03	20 05	20 10	21 11	12 07	18 03	27 06	31 17	31 21	04 01	16 05	16 16	22 10	17 06	18 05	09 12	10 19	09 09	23 07	21 10	20 20	17 13	—
Jhelum	21 02	21 02	21 02	24 02	31 10	30 16	28 27	28 40	28 26	—	04 05	12 01	11 05	27 02	23 01	30 12	01 03	02 03	06 02	09 02	10 05	31 03	28 29	29 37
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	22 13	22 09	22 09	21 05	24 05	25 07	25 23	34 08	36 23	35 44	29 09	29 08	25 09	21 07	20 11	23 12	30 12	29 06	21 04	19 12	21 10	21 13	34 30	15 09
Khanpur	27 02	23 05	23 10	21 14	19 05	25 04	27 04	30 17	31 23	32 35	—	—	—	—	—	—	04 17	05 09	21 06	25 18	23 20	15 06	19 08	24 12
Lahore	05 03	27 04	27 06	26 13	29 11	29 16	29 27	28 35	29 49	28 59	09 13	19 05	29 03	25 12	24 06	29 22	10 09	17 06	21 04	23 08	26 14	28 04	28 19	29 29
Multan	31 04	25 05	25 10	24 16	34 10	26 12	27 15	28 21	—	—	32 13	30 08	25 13	24 25	25 15	27 16	33 09	32 09	29 09	23 13	24 26	28 35	—	—
Peshawar		03 04	09 04	21 06	28 15	29 22	28 29	28 38	29 53	29 73	—	24 01	32 02	07 03	19 06	21 19	—	32 02	33 04	01 06	07 04	32 12	27 24	—
Quetta	—	—	—	—	23 04	31 03	29 07	26 27	30 35	31 62	—	—	—	—	03 09	—	—	—	—	—	29 02	03 07	06 24	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

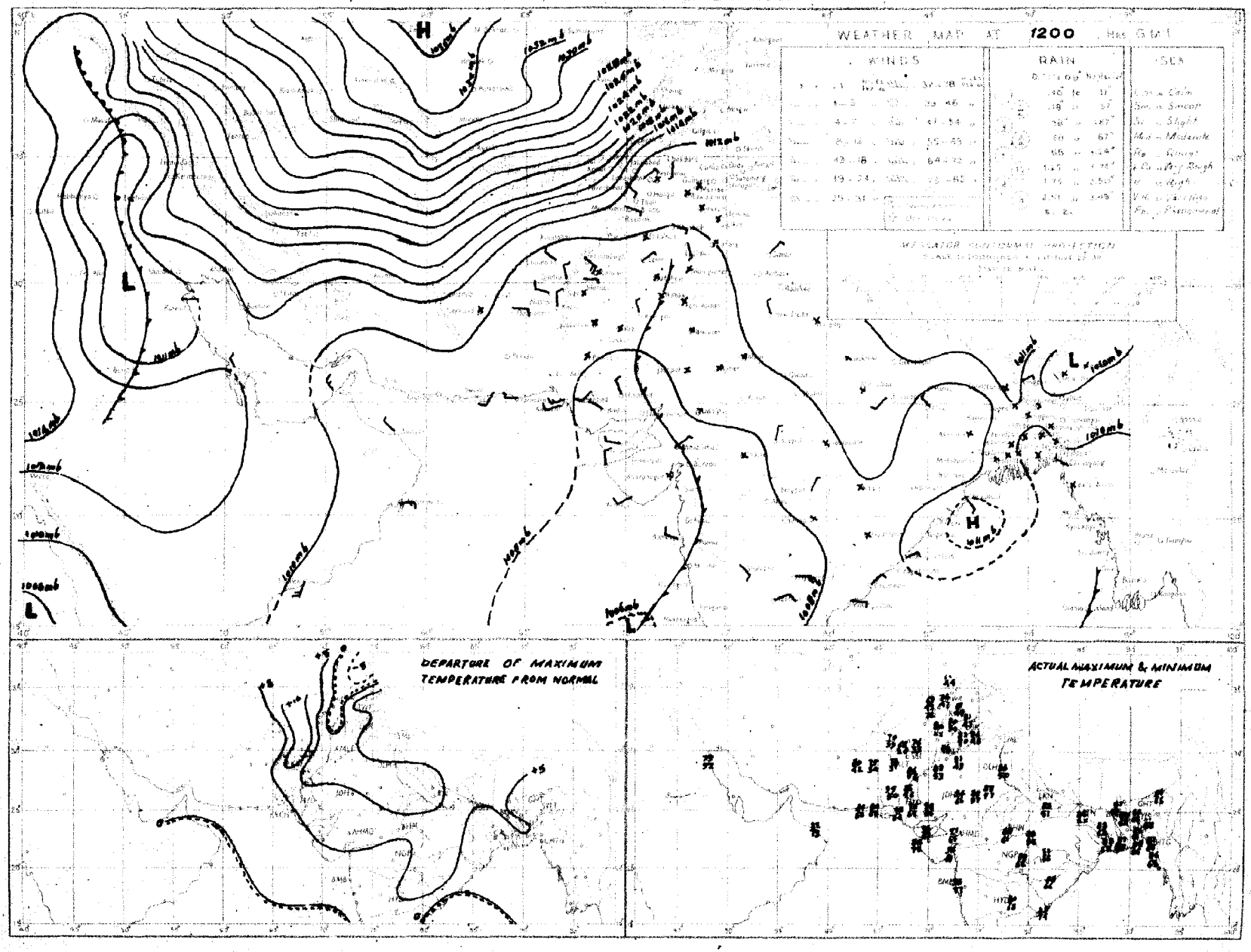
Cloud Observation Data (iiiGG Cddv, v,)

Peshawar 53002 127xx

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of N. P. W.

PAKISTAN DAILY WEATHER MAP

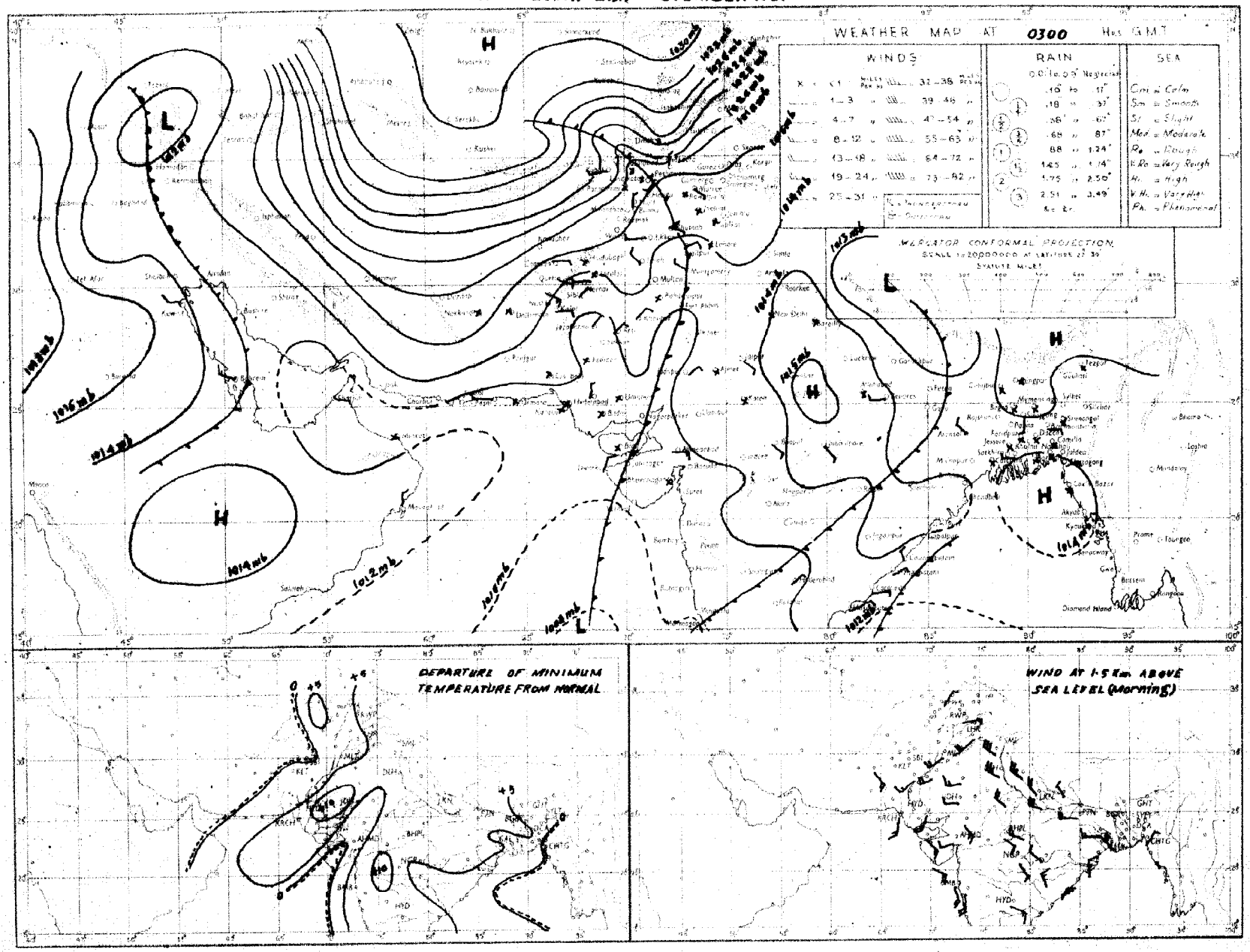
TUESDAY 20th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 21st NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 22nd NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low extends from northwest Iran to Gulf of Oman.
Conditions are unsettled in southeast Bay of Bengal.

A trough of low lies in east Arabian Sea.

Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal over the country outside Baluchistan.

Forecast valid until the evening of 23rd :—A few thunderstorms are likely in southeastern districts of East Pakistan and morning mist fog along Sind-Mekran coast. Cloudy weather in Kashmir and the North-West Frontier Province.

Karachi-11.
The 22nd November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_BD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_BD_MT_nT_n$	T_xT_x	T_nT_n	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar							000 68	0 00 00	97 00 0	133 76	0 0 9 0 0	- - - 64		- 1	0.1	- 2.7	121.5	140
	Chittagong	000 65	0 07 02	96 00 0	100 76	0 0 9 0 0	- - - 85	000 63	0 05 05	97 00 0	142 76	0 0 9 0 0	- - - 61	+ 8	- 2	0	- 1.8	134.5	108
	Noakhali	000 69	0 00 00	93 10 0	××× 74	0 0 9 0 0	- - - 85	000 67	0 00 00	94 00 4	××× 70	0 0 0 0 0	- - - 65	+ 3	+ 1	0.7	- 0.7	—	115
	Comilla	000 68	2 00 00	97 00 1	100 76	2 2 7 0 0	- - - 88	000 72	0 09 02	98 00 0	144 77	0 0 9 0 0	- - - 67	0	+ 6	0.7	- 0.5	131.9	94
	Brahmanbaria	000 67	2 00 00	×× 00 1	090 79	0 0 9 0 0	- - - 87	000 66	0 00 00	97 00 1	147 77	0 0 9 0 0	- - - 63	—	—	0	- 1.0	65.5	78
	Dacca	××× 73	2 09 01	×× 02 1	009 75	2 2 6 0 0	3 × × 87	000 69	0 27 02	96 00 0	140 74	0 0 9 0 0	3 × × 66	-			—		—
	Narayanganj	000 65	0 16 02	×× 00 1	088 79	× × × × ×	9 × × 88	000 70	0 31 08	95 00 0	135 79	0 0 9 0 0	9 × × 70	+ 6	+ 6	0	- 0.9	88.8	74
	Mymensingh	000 67	8 00 00	99 02 2	100 78	8 4 7 - -	- - - 82	000 70	0 00 00	98 00 0	140 75	0 0 9 0 0	- - - 66	+ 1	+ 3	2.3	+ 1.4	64.0	91
	Srimangal	000 67	0 00 00	×× 00 1	104 72	0 0 9 0 0	- - - 85	000 62	0 00 00	96 00 1	149 73	0 0 9 0 0	- - - 58	0	+ 1	0.2	- 0 2	105.4	98
	Khulna	000 66	0 00 00	97 00 0	101 78	0 0 9 0 0	- - - 88	000 71	0 34 03	98 00 0	144 78	0 0 9 0 0	- - - 68	+ 6	+ 7	0	- 1.1	53.4	68
	Satkhira	000 71	3 00 00	97 03 0	098 80	2 5 7 5 0	- - - 87	000 77	0 31 02	98 00 1	154 80	0 0 9 0 0	- - - 66	+ 3	+ 7	0	- 0.7	44.7	65
	Jessore	000 77	0 00 00	97 00 1	099 78	0 0 9 0 0	- - - 87	000 49	0 05 05	97 00 4	145 78	0 0 9 0 0	3 × × ××	—		0	- 1.0	45.9	65
	Faridpur	000 67	1 00 00	95 05 0	100 76	1 4 7 0 0	- - - 78	000 08	0 34 02	96 05 0	143 72	0 0 9 0 0	- - - 66	- 3	+ 5	0.4	- 0 6	73.9	71
	Barisal	003 66	0 00 00	97 00 0	098 78	0 0 9 0 0	- - - 87	000 66	0 00 00	97 00 0	142 75	0 0 9 0 0	- - - 68	+ 5	+ 5	0.4	0	73.0	81
	Pabna																		59
	Rampur Boalia	000 69	8 00 00	×× 02 2	096 77	8 4 5 0 0	- - - 85	000 67	0 27 02	97 00 0	140 72	0 0 9 0 0	- - - 63	—	—	1.3	+ 0.7	67.2	56
	Sirajganj	000 69	6 00 00	96 03 1	090 79	6 8 7 0 0	- - - 87	000 67	0 02 02	95 00 0	147 78	0 0 9 0 0	- - - 62	+ 6	+ 1	1.2	+ 0 4	46.2	64
	Bogra	000 63	0 00 00	×× 00 0	112 78	0 0 9 0 0	- - - 87	000 60	0 00 00	96 00 0	150 78	0 0 9 0 0	- - - 59	+ 6	0	"	- 0.3	48.6	69
	Dinajpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - - -	000 ××	9 07 02	92 02 1	— —	0 0 9 0 0	- - - —	-		0.3	- 0.1	79.5	72
	Rangpur																		84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 47	0 00 00	96 00 0	090 78	0 0 9 0 0	- - - 82	000 45	0 11 04	96 00 0	124 56	0 0 9 0 0	- - - 50	+ 4	+ 4	0	- 0.1	10.2	12
	Lahore	000 55	0 00 00	90 00 0	099 73	- - - - -	- - - 84	000 48	0 13 02	96 00 0	132 59	0 0 9 0 0	- - - 51	+ 4	+ 6	0	- 0.1	14.7	19
	Sialkot	000 52	0 00 00	97 00 0	094 75	0 0 9 0 0	- - - 81	000 41	0 05 02	97 00 0	146 61	0 0 9 0 0	- - - 52	+ 4	+ 5	0	- 0.1	18.7	32
	Jhelum	000 42	0 00 00	96 00 0	104 70	0 0 9 0 0	- - - 82	000 41	0 00 00	96 00 0	147 50	0 0 9 0 0	- - - 43	—		0		26.8	—
	Rawalpindi	000 46	0 00 00	98 00 1	098 70	0 0 9 0 0	- - - 80	000 38	0 00 00	96 05 1	151 47	0 0 9 0 0	- - - 43	+ 6	+ 1	0	- 0.2	25.7	26
	Murree †	000 19	0 09 02	98 00 1	961 55	0 0 9 0 0	9 × × 62	000 17	0 11 10	98 00 0	968 53	0 0 9 0 0	- - - 46	+ 8	+ 6	0.1	- 0.4	45.2	59
	Attock	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	-		—		—	—
	Khushab	000 52	0 18 05	98 00 0	100 75	0 0 9 0 0	- - - 81	000 87	0 09 05	99 00 0	140 55	0 0 9 0 0	- - - 47	+ 1	0	0	- 0.1	8.0	15
	Montgomery	000 65	0 00 00	96 00 0	090 82	0 0 9 0 0	- - - 86	000 47	0 09 00	96 00 0	119 61	0 0 9 0 0	- - - 50	+ 6	+ 1	0	0	6.1	10
	Leiah	000 55	0 36 02	97 00 0	108 79	0 0 9 0 0	- - - 80	000 45	0 27 02	97 00 0	136 51	0 0 9 0 0	- - - 48			0	—	6.6	8
	Multan	000 39	0 36 02	97 00 0	100 79	0 0 9 0 0	- - - 80	000 41	0 36 02	96 00 0	131 58	0 0 9 0 0	- - - 52	0	+ 3	0	0	6.9	7
	Khanpur	000 47	0 02 03	95 05 0	092 82	0 0 9 0 0	- - - 85	000 43	0 02 03	95 04 0	122 56	0 0 9 0 0	- - - 55	+ 2	+ 6	0	0	1.9	6
	Bahawalpur	000 49	0 36 02	97 00 0	095 78	0 0 9 0 0	- - - 84	000 43	0 05 02	97 00 0	120 56	0 0 9 0 0	- - - 53	+ 3	+ 5	0	—	4.5	6
	Fort Abbas	000 77	0 23 ××	96 00 0	085 80	5 0 9 0 0	- - - 91	000 ××	0 23 02	95 00 0	110 59	0 0 9 0 7	- - - ××	-	—	0	—	3.7	8
N. W. F. P.	Drosh *	000 15	0 00 00	99 00 2	984 59	0 0 9 0 0	- - - 65	000 17	8 00 00	98 02 1	043 46	0 0 9 7 -	- - - 43	+ 3	+ 1	0.6	—	2.9	18
	Chakdara	000 48	0 00 00	99 00 0	096 66	0 0 9 0 0	- - - 74	000 32	0 36 02	98 00 0	158 44	0 0 9 0 0	- - - 40			0.3	-	20.6	—
	Cherat *	000 32	0 34 05	97 00 0	990 60	0 0 9 0 0	- - - 67	000 29	0 34 16	98 00 0	997 57	0 0 9 0 0	- - - 53	+ 4	+ 6	0.1	- 0.1	28.9	29
	Peshawar	000 46	0 00 00	96 00 1	110 68	0 0 9 0 0	- - - 78							+ 5					14
	Parachinar	000 23	0 13 02	99 00 1	960 62	0 0 9 0 0	2 × × 66	000 13	0 05 02	99 00 0	963 ××	0 0 9 0 0	- - - 41	+ 5	+ 4	0.2	-	28.7	29
	Miranshah	000 32	0 05 01	99 00 0	979 71	0 0 9 0 0	- - - 73	000 19	0 00 00	99 00 0	987 46	3 0 9 0 0	- - - 42	—	—	0	0	10.5	13
	Bannu	000 32	0 00 00	99 00 0	103 80	0 0 9 0 0	- - - 81	000 33	0 07 02	99 00 0	149 49	0 0 9 0 0	- - - 47	—	—	0		5.9	11
	D. I. Khan	000 55	0 05 02	96 00 0	102 79	0 0 9 0 0	- - - 8υ	000 44	0 00 00	96 00 0	142 68	0 0 9 0 0	- - - 51	+ 1	+ 5	0	- 0 1	2.8	9
	Wana																		11
	Landikotal	000 54	0 00 00	99 00 0	976 63	0 0 9 0 0	- - - 67	000 35	0 00 00	99 00 0	992 53	0 0 9 0 0	- - - ××		—	0	—	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - - -	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - - -	—	—	—	—		—
	Thal	××× ××	0 23 09	99 00 0	— —	0 0 9 0 0	- - - - -	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - - -	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 15	0 00 00	96 05 0	967 69	0 0 9 0 0	- - - 75	000 20	0 00 00	97 05 0	023 48	0 0 9 0 0	- - - 48	+ 8	+ 11	0	0	10.0	11
	Hindubagh	000 08	0 09 09	98 00 0	941 66	0 0 9 0 0	- - - 70	000 05	0 00 00	98 00 0	968 45	0 0 9 0 0	- - - 32			0	—	9.0	—
	Loralai	000 18	0 00 00	96 00 0	958 64	0 0 9 0 0	- - - 71	000 16	0 23 02	98 00 0	030 38	0 0 9 0 0	- - - 35	-	-	0	-	8.5	—
	Harnai (a)	000 ××	0 00 00	96 00 0	—	0 0 9 0 0	- - - - -	000 ××	0 23 02	96 00 0	—	0 0 9 0 0	- - - - -		-	0	- 0.1	10.6	14
	Sibi	000 35	0 13 05	99 00 0	084 83	0 0 9 0 0	- - - 86	000 29	0 31 05	98 00 0	126 52	0 0 9 0 0	- - - 45	—	-	0	-	3.8	5
	Quetta †	000 32	0 34 03	99 00 0	946 63	0 0 9 0 0	- - - 65	000 25	0 00 00	98 00 0	949 38	0 0 9 0 0	- - - 25	-		0	- 0 1	9 3	9
	Chaman	000 48	0 23 02	97 00 0	970 66	0 0 9 0 0	- - - 68	000 22	0 09 02	97 00 0	013 42	0 0 9 0 0	- - - 42	+ 2	+ 1	0	- 0.1	9.6	8
	Nushki	000 31	0 25 05	98 00 0	034 68	0 0 9 0 0	- - - 70	000 26	0 05 03	96 00 0	057 51	0 0 9 0 0	- - - 47		—	0		5.4	—
	Dalbandin *	000 38	0 05 03	96 00 0	986 71	0 0 9 0 0	- - - 72	000 17	0 00 00	96 00 0	993 40	0 0 9 0 0	- - - 36	+ 1	0	0	0	1.8	4
	Nokkundi	000 44	0 16 02	99 00 0	094 74	0 0 9 0 0	- - - 74	000 14	0 34 02	99 00 0	162 45	0 0 9 0 0	- - - 48	—	-	0	—	0.9	2
	Kalat †	000 42	0 31 05	98 00 0	953 69	0 0 9 0 0	- - - 70	000 20	0 18 05	98 00 0	974 34	0 0 9 0 0	- - - 30	+ 9	+ 1	0	- 0.1	9.7	7
	Turbat	000 41	0 30 02	96 03 0	××× 90	0 0 9 2 0	3 0 6 93	000 49	0 08 02	96 00 0	128 71	0 0 9 0 0	- - - 63	-	—	0		1.4	—
	Panjgur *	000 19	0 27 03	97 00 0	968 78	0 0 9 0 0	- - - 80	000 36	0 05 07	97 00 0	007 43	0 0 9 0 0	- - - 40	+ 9	- 1	0	—	3.2	5
	Las Bela	000 65	0 00 00	99 00 0	075 93	0 0 9 0 0	- - - 96	000 56	0 00 00	98 00 0	122 70	0 0 9 0 0	- - - 57		—	0	-	1.7	8
	Ormara	000 64	0 27 05	98 00 0	084 86	0 0 9 0 0	- - - 87	000 71	0 00 00	96 00 0	108 72	0 0 9 0 0	- - - 69		-	0	0	8.1	6
	Pasni	000 74	0 28 07	98 00 0	089 84	0 0 9 0 0	- - - 87	000 67	0 27 03	96 00 0	110 67	0 0 9 0 0	- - - 65	+ 5	+ 8	0	- 0.1	4 9	6
	Jiwani																		4
SIND	Reti	000 57	0 02 05	96 00 0	096 80	0 0 9 0 0	- - - 87	000 40	0 05 02	96 00 0	123 59	0 0 9 0 0	- - - 55	—	—	0	—	2.2	—
	Jacobabad	000 41	0 13 03	97 00 0	086 85	0 0 9 0 0	- - - 87	000 46	0 29 03	94 10 0	126 58	0 0 9 0 0	- - - 55	+ 5	+ 3	0	0	0.7	4
	Sukkur	000 46	0 00 ××	96 00 0	083 83	0 0 9 0 0	- - - 85	000 46	0 05 ××	96 00 0	117 59	0 0 9 0 0	- - - 59			0	—	1 0	4
	Padidan	000 50	0 00 00	98 00 0	085 84	0 0 9 0 0	- - - 85	000 48	0 36 02	98 00 0	118 56	0 0 9 0 0	- - - 51	—	—	0		0.9	—
	Karachi (*Manora*)	000 75	0 25 09	99 00 0	086 82	0 0 9 0 0	- - - 85	000 71	0 00 00	98 00 0	111 73	0 0 9 0 0	- - - 72	+ 3	+ 8	0	- 0 1	1.6	3
	Karachi (*A. P.*)	000 63	1 25 10	99 02 1	086 85	1 1 6 0 0	- - - 91	000 63	2 00 00	97 03 1	113 67	0 0 9 0 1	- - - 64	-		0		3.0	—
	Badin	000 57	0 00 00	97 00 0	088 93	0 0 9 0 0	- - - 95	000 62	0 00 00	97 00 0	113 67	0 0 9 0 0	- - - 53	+ 8	+ 5	0.9	+ 0.7	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 71	0 25 03	97 00 0	074 93	0 0 9 0 0	- - - 97	000 65	0 00 00	97 00 0	104 74	0 0 9 0 0	- - - 64		-	0		2.8	—
	Hyderabad	000 48	0 18 05	97 00 0	074 90	0 0 9 0 0	- - - 94	000 50	2 00 00	96 01 1	111 65	0 0 9 0 1	- - - 64	+ 9	+ 7	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul							000 15	1 29 0?	99 01 0	092 31	0 0 9 0 1	- - - 29			0	—	10.6	13
	Jalalabad	000 54	0 00 00	97 00 1	008 72	0 0 9 0 0	6 × × 74	000 38	0 00 00	97 00 0	014 50	0 0 9 0 0	9 × × 45	—	—	0.1	—	7.0	—
	Kandahar	000 32	0 00 00	98 00 0	953 64	0 0 9 0 0	- - - 72	000 26	0 00 00	97 00 0	989 30	0 0 9 0 0	- - - 28	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 22ND NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_SD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1D_SD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Arabia	Muscat	—	000 68	0 31 05	99 00 0	097 80	0 0 9 0 0	— — — 81	000 51	0 31 02	99 00 0	123 78	0 0 9 0 0	— — — 71	— 1	— 2	0	—	2 3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 ××	0 27 05	97 00 0	140 77	0 0 9 0 0	— — — 77	000 ××	2 30 5	97 00 0	160 64	0 0 9 0 0	— — — 61	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	3 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	1 $d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Singu	43 157	702 05	7 00 00	98 01 1	111 86	—	—	—	—	—
Singu	43 163	695 09	7 23 13	97 03 1	088 88	77 6 ××	—	—	—	—
Singu	43 167	691 12	8 30 08	97 50 5	088 82	76 6 2×	7 5 105	—	—	—
Karanja	43 105	561 18	2 36 10	99 02 0	115 80	21 5 00	1 6 005	—	0 52 73	1 36 21
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE:— iiGG	PoPoPoToTo	TdoTdoT1oX1X2	P1P1h1h1h1	T1T1Td1Td1T21 etc.	5555	h1h1P1P1P1	T1T1Td1Td1T21 etc.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	008 25	211 60	000 29	252 03	854 94	170 03	700 26	065 82	509 16	529 91	301 79	319 90	555 55	109 72	261 63	339 00	210 83	668 00	135 21	266 40	029 94	446 00	029 97	495 78

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	26 11	26 10	27 09	25 08	—	—	—	—	—	—	36 18	01 06	02 04	25 10	—	—	33 08	27 03	27 03	26 11	25 16	29 25	—	—
Chhor	22 07	21 05	21 06	20 11	22 15	22 13	23 27	23 49	—	—	—	—	—	—	—	—	×× ××	23 12	25 12	22 19	23 25	23 29	24 37	—
Chittagong	03 08	01 06	36 09	27 04	27 12	27 19	28 22	29 18	—	—	03 10	01 06	32 09	28 06	05 04	03 04	01 09	35 10	35 11	06 05	32 06	27 16	26 19	—
Cox's Bazar	02 11	03 09	03 06	05 04	25 08	27 19	28 17	30 25	—	—	08 26	08 07	02 09	33 06	24 09	25 14	07 06	05 08	01 13	01 11	25 05	25 13	25 15	27 15
Dacca	23 04	23 03	23 02	29 08	29 16	27 21	—	—	—	—	22 13	21 15	21 16	26 14	40 10	—	27 13	29 09	27 09	19 07	27 14	—	—	—
Dalbandin	—	—	08 06	29 02	30 10	23 05	26 17	25 30	26 31	—	—	—	29 07	13 01	24 07	27 11	—	—	07 10	13 06	31 09	26 13	26 19	25 39
Drosh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	03 16	01 19	—	22 19
Fort Sandeman	—	—	—	33 02	23 04	23 08	25 11	24 21	—	—	—	—	—	07 05	23 09	18 06	—	—	—	20 01	26 01	35 00	19 09	—
Jacobabad	10 05	11 03	12 05	19 10	20 14	20 09	20 09	24 20	25 25	—	09 11	11 05	10 04	19 19	21 19	25 15	35 02	—	05 05	10 08	14 01	29 11	33 21	—
Jhelum	24 01	33 01	29 02	04 03	15 06	19 08	25 27	29 37	30 68	—	04 05	12 01	11 05	27 02	23 01	30 12	34 02	06 02	12 03	29 03	13 07	15 07	19 07	21 22
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	25 05	26 08	25 07	24 06	22 10	23 22	25 26	25 21	23 33	24 34	27 14	26 13	25 12	28 10	25 12	23 33	30 12	30 13	27 06	23 06	24 11	24 26	25 42	—
Khanpur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	04 16	06 13	09 09	25 10	23 16	21 14	26 27	24 25
Lahore	02 03	21 05	21 06	25 09	25 06	27 10	28 23	28 37	—	—	09 12	19 05	29 03	25 13	24 06	29 22	11 08	09 12	09 10	17 03	27 21	26 20	19 12	17 12
Multan	36 07	35 08	35 10	27 17	26 26	25 15	25 12	25 21	26 05	—	32 13	30 08	25 12	—	25 15	27 16	03 11	02 12	31 06	25 15	23 21	24 18	25 22	—
Peshawar	—	04 04	34 05	35 02	20 03	28 07	28 20	27 25	27 49	—	—	24 01	32 02	07 03	19 06	27 19	—	12 05	18 04	—	36 08	08 08	12 09	19 18
Quetta	—	—	—	—	17 03	21 06	18 15	24 31	—	—	—	—	—	—	12 02	03 03	—	—	—	—	22 03	31 11	—	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

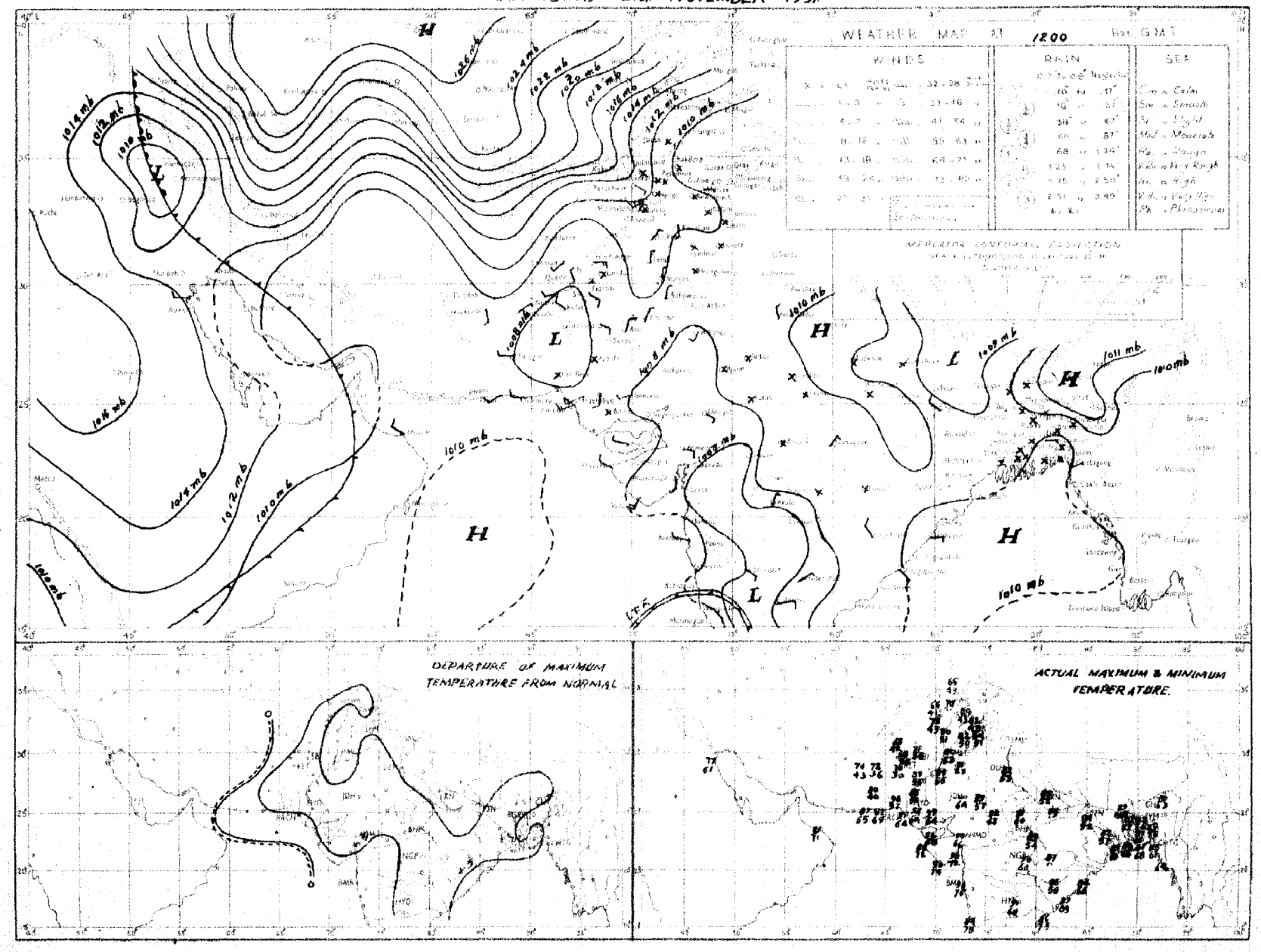
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

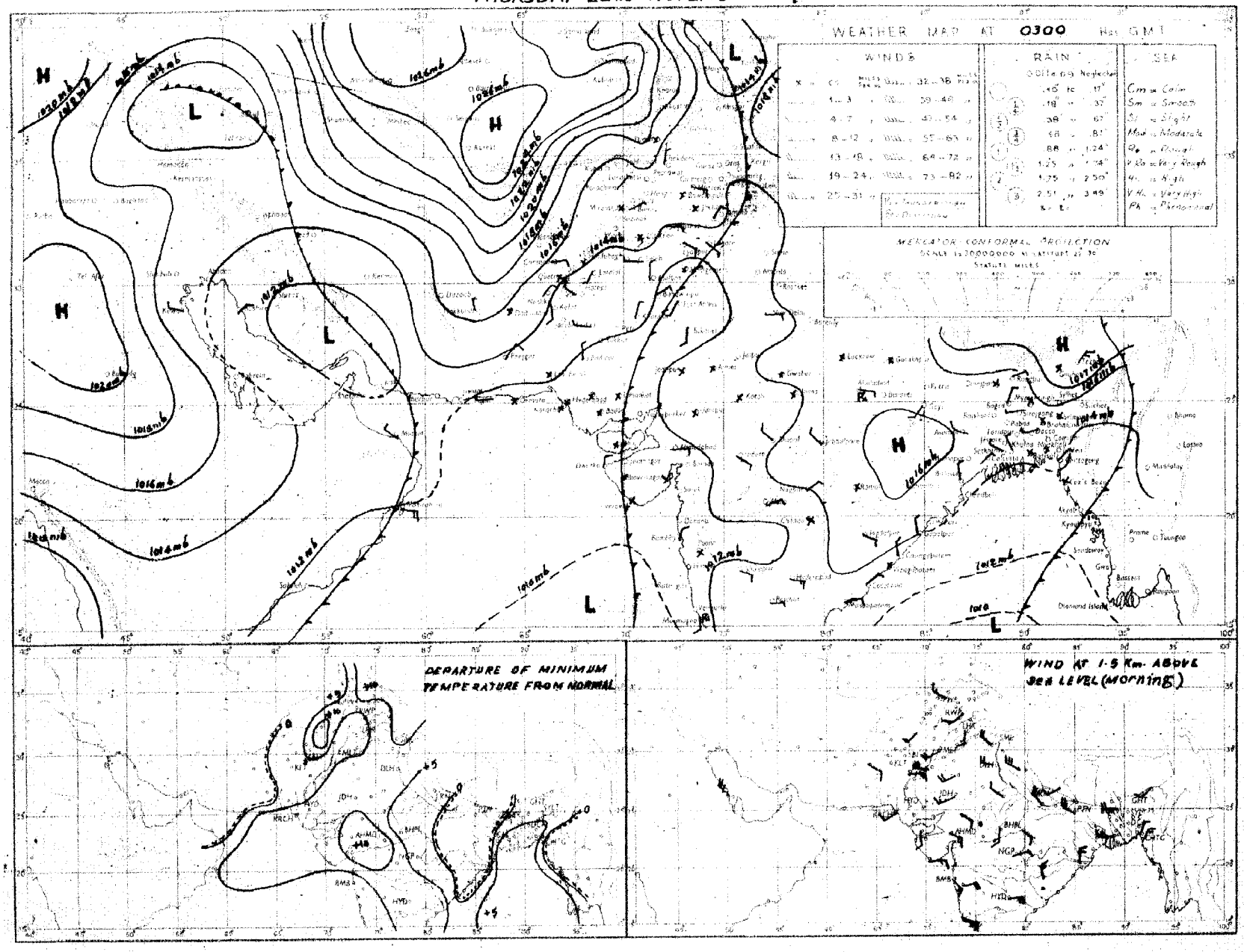
WEDNESDAY 21st NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 22nd NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 23rd NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance is moving eastwards across Russian Turkistan. A shallow low lies over south Rajputana and adjoining areas.

A trough of low extends from northeast Iran to Gulf of Oman.

Data from East Pakistan absent. Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal in Baluchistan, Sind and the Punjab.

Forecast valid until the evening of 24th :—Weather will be cloudy in north Baluchistan, the North-West Frontier Province and Kashmir. A few thunderstorms are also likely in the North-West Frontier Province, Kashmir and the extreme north Punjab.

Karachi-11.
The 23rd November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_tD_HD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_tD_HD_MT_nT_n$	T_xT_x	T_nT_n	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 65	0 00 00	97 00 0	109 78	0 0 9 0 0	- - - 87	000 62	0 00 00	97 00 0	131 70	0 0 9 0 0	× 0 0 67	+ 3	+ 2	0.1	- 2.8	121.5	140
	Chittagong	000 65	0 00 00	96 00 0	114 75	0 0 9 0 0	- - - 85	000 65	0 07 02	97 00 0	136 73	0 0 9 0 0	- - - 63	+ 3	0	"	- 1.9	134.5	108
	Noakhali	000 70	0 00 00	×× ×× ×	××× 76	0 0 9 0 0	- - - 85	000 66	0 30 05	×× ×× ×	××× 69	0 0 0 0 0	- - - 64	+ 3	0	0.6	- 0.8	-	115
	Comilla	000 69	2 09 02	97 00 1	109 75	2 1 7 0 0	- - - 82	000 64	0 36 05	98 00 0	135 72	0 0 9 0 0	- - - 64	- 1	+ 3	0.7	- 0.5	181.9	94
	Brahmanbaria	000 68	0 09 02	×× 00 1	114 77	0 0 9 0 0	- - - ××	000 65	0 05 02	97 00 1	141 76	0 0 9 0 0	- - - 64	-	-	0	- 1.0	65.5	78
	Dacca	000 64	0 00 00	×× 00 0	107 72	0 0 9 0 0	- - - 86	××× 67	0 09 00	96 00 1	136 76	0 0 9 0 0	7 × × 62				—		-
	Narayanganj	000 65	0 31 02	×× 00 0	090 78	0 0 9 0 0	9 × × 88	000 63	0 00 00	95 00 1	139 79	0 0 9 0 0	9 × × 67	+ 6	+ 3	0	- 0.9	88.8	74
	Mymensingh	000 70	0 00 00	99 00 0	109 79	0 0 9 0 0	- - - 83	000 69	0 00 00	98 00 0	143 74	0 0 9 0 0	- - - 62	+ 2	- 1	2.3	+ 1.4	64.0	91
	Srimangal	000 66	0 00 00	×× 00 1	114 71	0 0 9 0 0	- - - 82	000 61	0 00 00	96 00 1	146 70	0 0 9 0 0	- - - 55	- 3	- 2	0.2	- 1 2	105.4	98
	Khulna	000 66	0 00 00	97 00 0	112 77	0 0 9 0 0	- - - 87	000 61	0 02 02	98 00 0	143 74	0 0 9 0 0	- - - 68	+ 5	+ 2	0	- 1.1	53.4	68
	Satkhira	000 73	2 00 00	97 01 0	114 75	2 5 7 0 0	- - - 86	000 63	0 31 02	98 00 0	136 77	0 0 9 0 0	- - - 60	+ 2	+ 1	0	- 0.7	44.7	65
	Jessore	000 63	0 00 00	97 00 1	117 69	0 0 9 0 0	- - - 88	000 65	0 05 02	97 00 0	××× 73	0 0 9 0 0	- - - ××	—		0	- 0.9	45.9	65
	Faridpur	000 62	0 00 00	95 05 0	117 77	0 0 9 0 0	- - - 78	000 74	0 02 02	95 05 0	135 71	0 0 9 0 0	- - - ××	- 3	—	0.4	- 0 7	73.9	71
	Barisal	008 68	0 00 00	97 00 0	108 79	0 0 9 0 0	- - - 85							+ 3					81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 64	0 00 00	×× 00 0	098 72	0 0 9 0 0	- - - 81	000 66	0 00 00	95 00 0	148 74	0 0 0 0 0	- - - 62	-	—	1.3	+ 0.7	67.2	64
	Bogra	000 61	0 00 00	95 00 0	105 76	0 0 0 0 0	- - - 85	000 67	0 00 00	95 00 0	143 72	0 0 9 0 "	- - - ××	+ 4	—	1.2	+ 0 4	46.2	69
	Dinajpur	000 75	0 00 00	×× 00 0	125 75	0 0 9 0 0	- - - 83	000 65	0 00 00	96 00 0	153 71	0 0 9 0 0	- - - ××	+ 2		"	- 0.3	48.6	72
	Rangpur	000 ××	0 00 02	×× 00 1	-- -	0 0 9 0 0	- - - --	000 ××	1 09 02	98 02 1	- -	0 0 9 1 0	- - - -			0.3	- 0.1	79.5	84
KASHMIR	Srinagar †																		...
	Gulmerg ††																		—
	Sonamerg (a)																		—
	Dras †																		...
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 51	0 36 02	96 00 0	097 77	0 0 9 0 0	- - - 82	000 48	5 07 04	96 54 5	124 57	5 7 8 0 0	- - - 49	+ 4	+ 8	0	- 0.1	10.2	12
	Lahore	000 58	2 09 02	96 03 1	104 77	0 0 9 4 0	3 × 9 86	000 05	4 00 00	96 03 1	135 63	0 0 9 4 3	- - - 52	+ 6	+ 7	0	- 0.1	14.7	19
	Sialkot	000 52	0 00 00	97 00 0	104 75	0 0 9 0 0	- - - 82	000 44	8 05 02	97 02 2	141 63	8 2 6 2 2	8 9 9 60	+ 5	+13	0	- 0.1	18.7	32
	Jhelum	000 43	0 00 00	96 00 0	117 70	0 0 9 0 0	- - - 81	000 43	7 00 00	96 03 0	××× 52	0 0 9 5 1	- - - 49		—	0		26.8	-
	Rawalpindi	000 49	0 00 00	98 00 0	111 68	0 0 9 0 0	- - - 79	000 37	2 23 02	98 01 1	××× 50	0 0 9 3 0	- - - 45	+ 5	+ 3	0	- 0.2	25.7	36
	Murree †	000 27	0 09 07	98 00 0	962 50	0 0 9 0 0	- - - 67	000 33	4 11 07	98 01 1	990 48	0 0 9 8 4	2 2 1 45	+13	+ 5	0.1	- 0.4	45.2	59
	Attock	××× ××	0 00 00	98 00 0	-- -	0 0 9 0 0	- - - --	××× ××	0 00 00	98 00 0	-- -	0 0 9 0 0	- - - --	-		—		—	—
	Khushab	000 50	0 11 02	99 00 0	115 78	0 0 9 0 0	- - - 79	000 48	4 11 02	99 01 1	144 58	0 0 9 0 3	- - - 52	- 1	+ 5	0	- 0.1	8.0	15
	Montgomery	000 68	0 00 00	96 00 0	094 88	0 0 9 0 0	- - - 88	000 57	5 00 00	96 01 7	121 64	0 0 9 3 0	2 × 0 49	+ 8	0	0	0	6.1	10
	Leiah	000 55	0 36 02	97 01 2	109 79	0 0 9 0 0	- - - 81	000 47	0 36 02	97 00 0	153 57	0 0 9 0 0	- - - 49			0	—	6.6	8
	Multan	000 42	0 36 05	97 00 0	100 79	0 0 9 0 0	- - - 81	000 40	0 36 05	97 00 0	148 59	0 0 9 0 0	- - - 54	+ 1	+ 5	0	0	6.9	7
	Khanpur	000 49	0 02 03	95 04 0	098 81	0 0 9 0 0	- - - 85	000 43	2 02 05	95 09 0	131 ××	0 0 9 0 2	0 9 × 54	+ 2	+ 5	0	0	1.9	6
	Bahawalpur	000 49	0 00 00	97 00 0	095 70	0 0 9 0 0	- - - ××	000 45	0 36 03	97 00 0	131 55	0 0 9 0 0	- - - 54		+ 6	0	0	4.5	6
	Fort Abbas																		8
N. W. F. P.	Drosh *	000 09	0 00 00	99 00 0	001 60	0 0 9 0 0	- - - 69	000 16	1 00 00	98 01 1	058 45	0 0 9 3 0	- - - 43	+ 7	+ 1	0.6	-	2.9	18
	Chakdara	000 42	0 28 03	99 00 0	101 67	0 0 9 0 0	- - - 75	000 37	0 31 02	98 00 0	××× 46	0 0 9 0 0	- - - 42		—	0.3		20.6	-
	Cherat *	000 35	0 00 00	97 00 0	993 61	0 0 9 0 0	- - - 69	000 34	0 02 04	97 00 1	918 52	0 0 9 0 0	1 × × 48	+ 6	+ 1	0.1	- 0.1	28.9	29
	Peshawar	000 46	0 00 00	96 00 0	120 66	0 0 9 0 0	- - - 74	000 30	1 20 0?	96 01 1	108 55	0 0 9 0 1	- - - 47	+ 1	+ 1	0.1	- 0.1	9.2	14
	Parachinar	000 19	0 13 02	99 00 0	964 60	0 0 9 0 0	- - - 67	000 24	2 00 00	99 01 1	975 43	0 0 9 3 1	2 0 0 38	+ 6	+ 1	0.2		28.7	29
	Miranshah	000 23	0 05 01	99 00 0	971 70	0 0 9 0 0	- - - 73	000 30	4 00 00	93 02 1	××× ××	4 × 6 6 0	- - - 43			0	0	10.5	13
	Bannu	000 44	0 00 00	99 00 0	108 77	0 0 9 0 0	- - - 79	000 36	0 27 02	99 00 0	159 49	0 0 9 0 0	- - - 47	—	-	0		5.9	11
	D. I. Khan	000 46	0 00 00	96 00 0	129 78	0 0 9 0 0	- - - 86	000 35	0 05 02	96 00 0	158 47	0 0 9 0 0	- - - ××	+ 7	—	0	- 0 1	2.8	9
	Wana																		11
	Landikotal	000 41	0 05 02	99 00 0	974 63	0 0 9 0 0	- - - 69	000 32	0 00 00	99 00 0	012 46	0 0 9 0 0	- - - 39		-	0	—	12 0	—
	Hangu	××× ××	0 00 00	97 00 0	-- -	0 0 9 0 0	- - - --	××× ××	0 00 00	97 00 0	-- -	0 0 9 0 0	- - - --	--	—		—		—
	Thall	××× ××	0 27 09	99 00 0	-- -	0 0 9 0 0	- - - --	××× ××	0 13 04	99 00 0	-- -	0 0 9 0 0	- - - --	-	—	—		-	—
BALUCHISTAN	Fort Sandeman *	000 20	0 00 00	97 05 0	971 67	0 0 9 0 0	- - - 71	000 21	7 00 00	97 02 1	026 45	0 0 6 5 0	- - - 41	+ 4	+ 4	0	- 0.1	10.0	11
	Hindubagh	000 08	0 27 12	98 00 0	950 62	0 0 9 0 0	- - - 69	000 17	1 00 00	97 01 1	977 42	0 0 9 0 1	3 0 × 34			0	—	9.0	—
	Loralai	000 15	0 00 00	97 00 0	962 63	0 0 9 0 0	- - - 68	000 17	4 27 05	96 03 0	021 41	0 0 9 6 0	- - - 56			0		8.5	...
	Harnai (a)	000 ××	0 09 02	96 00 0	- -	0 0 9 0 0	- - - --	000 ××	2 13 02	95 01 0	—	2 0 8 2 1	- - - --		-	0	- 0.1	10.6	14
	Sibi	000 38	0 23 05	— — —	993 84	0 0 9 0 0	- - - 85	000 34	0 00 00	96 00 0	131 53	0 0 9 0 0	- - - 51	—		0		3.8	5
	Quetta †	000 35	0 31 02	99 00 0	951 63	0 0 9 0 0	- - - 67	000 30	3 16 02	98 10 1	958 46	0 0 9 3 0	- - - 29			0	- 0 1	9 3	9
	Chaman	000 40	0 27 02	97 00 0	981 66	0 0 9 0 0	- - - 69	000 37	6 05 02	97 03 1	008 50	0 0 9 2 0	- - - 41	+ 3	0	0	- 0.1	9.6	8
	Nushki	000 37	0 00 00	97 00 0	034 73	0 0 9 0 0	- - - 75	000 15	3 13 05	96 03 1	057 50	0 0 9 2 1	- - - 46		—	0		5.4	—
	Dalbandin *	000 32	0 00 00	96 00 0	980 73	0 0 9 0 0	- - - 74	000 26	7 36 02	96 03 1	987 51	5 2 7 4 0	- - - 39	+ 3	+ 3	0	0	1.8	4
	Nokkundi	000 43	0 34 02	99 00 0	083 74	0 0 9 0 0	- - - 75	000 22	6 34 02	99 03 1	148 50	0 0 9 0 5	- - - 44			0		0.9	2
	Kalat †	000 37	0 23 05	98 00 0	961 61	0 0 9 0 0	- - - 64	000 28	0 18 05	98 00 0	976 37	0 0 9 0 0	- - - 53	+ 3	+ 4	0	- 0.1	9.7	7
	Turbat	006 58	0 24 02	96 03 0	071 83	0 0 9 0 0	- - - 91	000 61	5 00 00	95 03 1	129 69	0 0 9 2 0	- - - 64		—	0		1.4	—
	Panjgur *	000 63	0 23 05	97 00 0	965 77	0 0 9 0 0	- - - 78	000 22	2 05 03	97 03 0	013 48	0 0 9 2 0	- - - 44	+ 7	+ 3	0	—	3.2	5
	Las Bela							000 65	0 00 00	98 00 0	119 71	0 0 9 0 0	- - - 60			0	-	1.7	8
	Ormara	000 64	0 27 05	97 00 0	090 82	0 0 9 0 0	- - - 83	000 69	0 00 00	98 00 0	118 70	0 0 9 0 0	- - - 69	-	-	0	0	3.1	6
	Pasni	000 64	0 23 09	98 00 0	093 81	0 0 9 0 0	- - - 84	000 64	0 31 03	96 00 0	123 66	0 0 9 0 0	- - - 64	+ 2	+ 7	0	- 0.1	4 9	6
	Jiwani																		4
SIND	Reti	000 39	0 36 07	96 00 0	092 84	0 0 9 0 0	- - - 85	000 39	5 05 08	96 03 1	130 58	0 0 9 4 0	- - - 49	-	—	0	—	2.2	—
	Jacobabad	000 26	0 36 03	97 00 0	094 81	0 0 9 0 0	- - - 83	000 41	0 25 02	97 00 0	132 61	0 0 9 0 0	- - - 60	+ 1	+ 8	0	0	0.7	4
	Sukkur	000 53	0 ×× ××	96 00 0	094 79	0 0 9 0 0	- - - 83	000 41	4 ×× ××	96 03 1	126 62	0 0 9 5 0	- - - 55			0	-	1 0	4
	Padidan	000 44	0 00 00	98 00 0	097 80	0 0 9 0 0	- - - 82	000 47	4 00 00	98 01 1	127 57	0 0 9 5 0	- - - 53	—	—	0		0.9	—
	Karachi (*Manora*)	000 74	2 25 05	99 01 1	096 81	2 1 5 0 0	- - - 83	000 72	3 00 00	96 01 1	119 75	0 0 9 4 0	- - - 73	+ 1	+ 9	0	- 0 1	1.6	3
	Karachi (*A. P.*)	000 62	1 25 09	99 03 1	095 88	1 1 6 0 0	- - - 88	000 66	2 00 00	99 03 1	120 70	0 0 9 4 0	- - - 67	-		0		3.0	—
	Badin	000 67	0 00 00	97 00 0	090 90	0 0 9 0 0	- - - 93	000 61	0 31 02	97 00 0	122 68	0 0 9 0 0	- - - 53	+ 6	+ 5	0.9	+ 0 7	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 68	0 27 03	97 00 0	063 90	0 0 9 0 0	- - - 95	000 60	0 00 00	97 00 0	107 73	0 0 9 0 3	- - - 66			0		2.3	—
	Hyderabad	000 54	0 36 03	97 00 0	092 85	0 0 9 0 0	- - - 90	000 49	3 36 02	96 02 1	119 68	0 0 9 0 2	- - - 65	+ 5	+ 8	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 21	0 02 00	99 00 0	008 61	0 0 9 0 0	- - - 65							—					12
	Jalalabad	000 52	0 00 00	97 00 0	008 71	0 0 9 0 0	0 - - 73	000 36	0 00 00	97 01 0	018 45	0 0 9 0 1	- - - 45	—	—	0.1	—	7.0	—
	Kandahar	000 27	0 00 00	98 00 0	956 68	0 0 9 0 0	- - - 73							—					—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 23RD NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $r_d T_d$	N dd ff	VVwwW PPPTT	$N_h C_L hC_M C_H$	$W_1 D_H D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VVwwW PPP TT	$N_h C_L hC_M C_H$	$W_1 D_H D_M T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1¼
Arabia	Muscat	—	090 70	0 31 05	99 00 0	100 79	0 0 9 0 0	— — — 81	000 66	4 31 05	99 03 0	127 77	4 0 7 2 0	0 × 7 74	− 1	+ 1	0 — 2.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— — —	4
	Kuwait	—	000 ××	0 34 07	97 00 0	129 74	0 0 9 0 0	— — — 74	000 ××	0 27 08	97 00 0	163 66	0 0 9 0 0	× 0 7 60	—	—	0 — 1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049.-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalazzd —	58 176	670 12	5 09 05	99 02 1	090 84	52 —	2 5 200	8 0 000	0 69 78	1 09 22
Ppelosopher —	53 083	719 06	6 21 07	81 02 2	107 88	52 6 39	6 3 310	—	0 04 74	1 00 ×0
Essopromee ..	53 244	58106	0 25 10	99 02 0	115 81	42 6 01	—	—	0 52 ××	1 25 21
Exminister	53 126	746 06	4 16 10	09 01 2	108 85	00 9 00	3 6 808	—	0 57 81	—
Singu —	53 190	660 06	2 02 09	98 01 0	108 82	×1 6 08	7 4 110	—		—
Tabian —	53 092	672 06	6 20 02	98 20 5	121 82	43 5 10	6 5 110	—	0 51 24	1 20 32
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P2h1h1h1	T1T1Td1Td1Tx1 etc:	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi —	780 14	008 25	225 60	000 30	250 24	854 91	17049	700 27	086 15	509 10

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	559 44	301 51	819 41	555 55	339 00	200 68	688 00	150 24	478 09	016 51	474 40	799 99	793 50	749 97	572 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ — Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra —	28 02	27 04	25 04	23 06	27 09	29 32	27 35	—	—	—	33 06	30 04	25 08	17 05	—	—	08 04	09 06	07 06	05 09	06 07	27 23	24 35	25 45
Chhor	27 07	26 12	24 17	24 21	23 22	23 32	25 35	—	—	—					—		07 07	06 06	27 05	25 13	23 19	21 20	23 23	—
Chittagong —	03 08	02 08	36 09	04 09	04 08	32 29		—	—	—	01 12	01 18	01 16	29 03	22 08	28 15	02 13	02 13	06 15	31 03	24 05	25 18	25 30	23 29
Cox's Bazar —	36 08	01 11	03 06	15 03	30 08	28 05	25 12	27 15	—								05 09	07 06	11 07	39 07	23 14	25 10	25 14	
Dacca —	36 07	34 06	32 04	27 04	24 12	28 23	27 26		—	—	05 02	04 05	02 04	32 05	26 11	—	05 10	05 09	06 07	07 07	29 12	24 21	24 27	25 30
Dalbandin —	—	—	08 01	22 06	27 09	24 13	24 25	24 41	24 54	24 89	—	—	09 01	10 00	21 10	21 13	—	—	05 06	17 07	20 11	23 12		
Drosh —		—	—		00 03	01 15	16 14	11 15	06 29		—		—	—	33 01	24 02	—	—	—	—	03 04	05 02	15 09	13 28
Fort Sandeman —	—		—	31 03	23 02	27 04	23 11	26 25		—			—	06 04	29 04	25 12				04 01	05 03	28 06	24 12	...
Jacobabad —	07 03	06 03	36 05	31 09	31 08	31 17	27 38	25 29	23 52	23 72	04 02	06 04	08 05	19 10	21 15	24 07	08 03	15 09	17 03	15 12	18 22	15 33	14 37	—
Jhelum —	16 04	01 03	16 01	16 02	21 07	22 13	16 18	23 29	24 45	—	36 06	10 05	13 07	21 07	29 07	21 15	31 08	12 04	11 02	12 05	12 05	20 10	18 29	—
Jiwani —																								
Karachi —	26 09	26 04	19 03	22 09	27 21	23 32	24 34	24 41	24 42	23 52	28 14	28 10	26 04	21 22	21 26	21 25	30 09	30 10	31 11	23 23	22 77	22 78	—	—
Khanpur —	01 18	34 03	23 05	21 09	20 11	26 11	26 35				—	—	20 09	26 13	25 15	28 12	03 29	03 19	03 15	28 11	27 12	23 10	23 37	23 43
Lahore —	14 01	15 05	15 06	24 08	24 15	23 21	18 17	24 25	24 37	25 68	—	—	—		—	—	07 07	06 10	07 08	11 11	09 15	11 12	16 14	—
Multan —	36 12	32 09	29 07	21 10	21 15	21 18	23 20				01 13	01 10	34 05	21 07	23 13	23 13	01 17	01 19	11 13	11 05	01 09	34 03	23 12	23 36
Peshawar —		11 01	08 01	10 01	10 05	18 08	17 12	23 39	23 61	23 87	25 01	33 41	11 03	11 07	11 10	—	—	24 03	34 14	36 03	10-07	11 13	14 06	20 21
Quetta —					23 05	25 10	24 13	25 29	23 44	23 71		—	—	—	31 05	27 15	—	—			03 15	25 24	—	—
Bushire ..						—					—	—			—						—	—		—
Sharjah —						—																		

Cloud Observation Data (iiiGG Cddv$_r$ v$_r$)

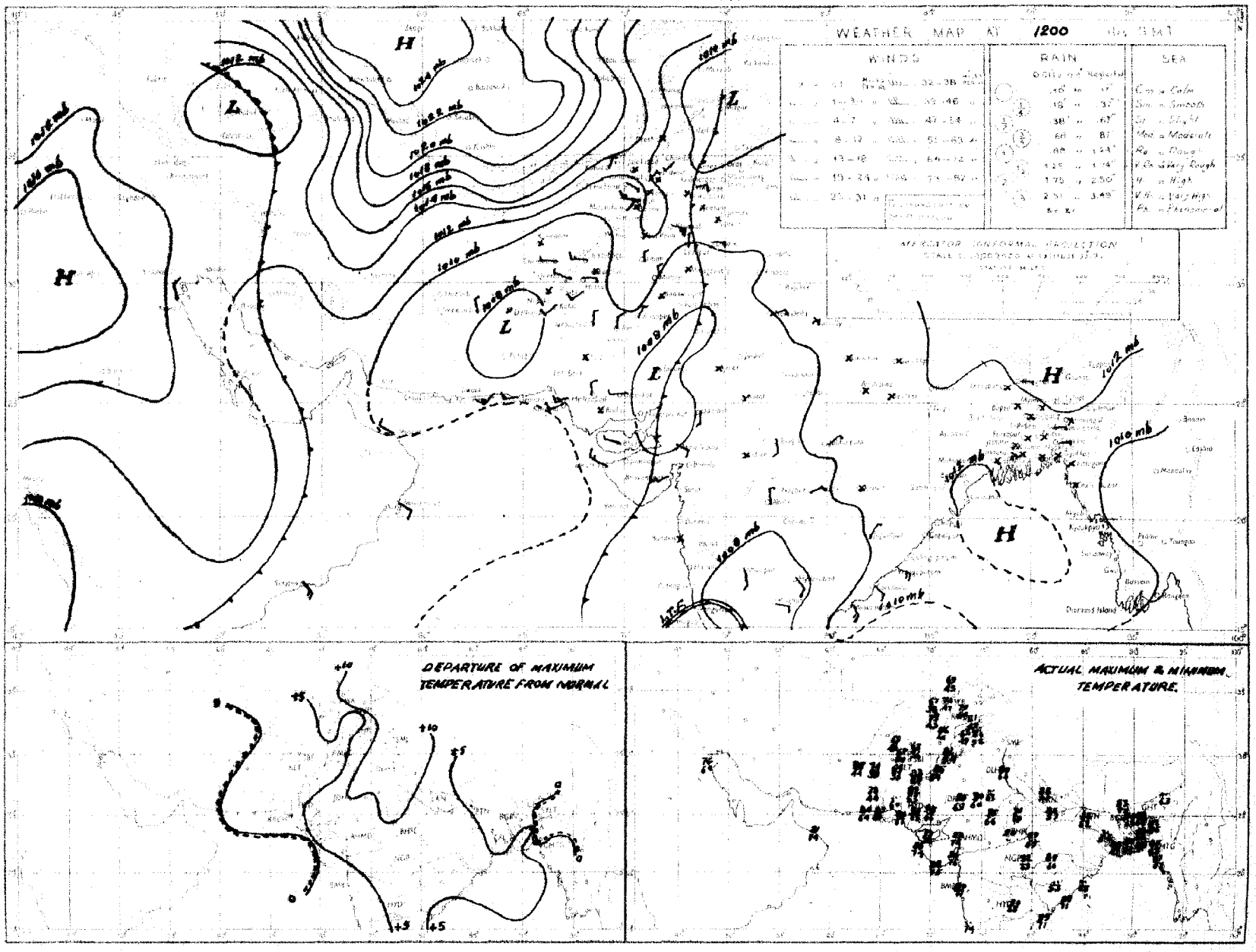
Chhor 76802 Ne Ph 42219
Jhelm 59802 Ne Ph 12414 41022
Lahore 64002 Ne Ph 119×× 41821

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

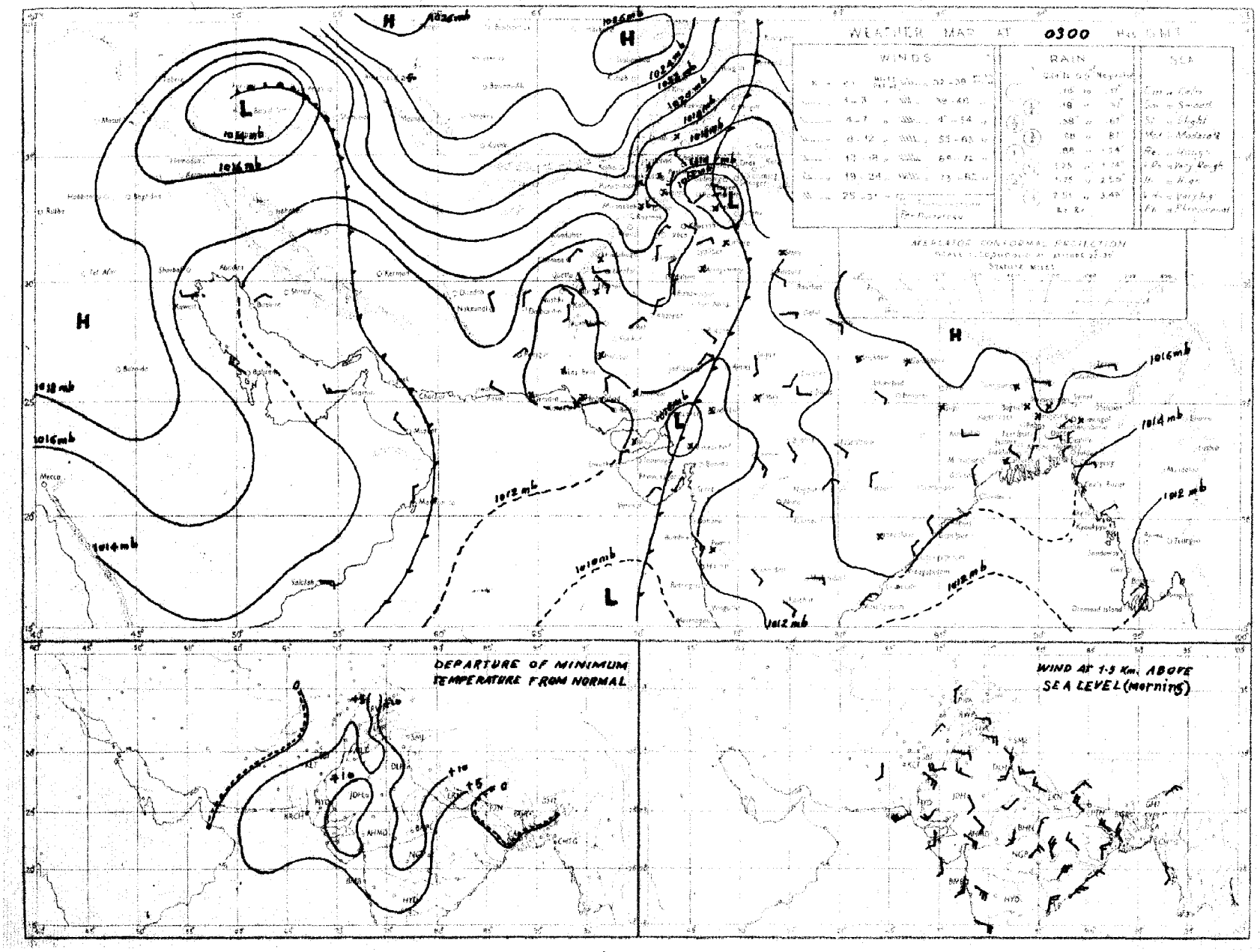
THURSDAY 22nd. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 3 hours

PAKISTAN DAILY WEATHER MAP

FRIDAY 23rd. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 24th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance lies over Kashmir and the upper North-West Frontier Province. Associated secondary low lies over Rajputana and the adjoining Punjab. The system is moving eastnortheastwards.

A trough of low extends from northeast Iran to north Arabian Sea.

Local rain/drizzle has occurred in the Punjab, north Baluchistan and upper Sind.

Night temperatures were appreciably to markedly above normal in West Pakistan outside the upper North-West Frontier Province.

Forecast valid until the evening of 25th :—Local rain/thunderstorms will occur in the North West Frontier Province, Kashmir, the Punjab and north Baluchistan.

A few thunderstorms/showers are also likely to occur in Sind.

Karachi-11.
The 24th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTn	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 65	1 00 00	97 01 1	109 78	0 0 9 4 0	3 × 0 90	003 73	2 00 00	97 01 0	136 77	1 2 6 4 0	5 × 0 68	+ 6	+ 3	0.1	− 2.9	121.6	140
	Chittagong	000 63	0 31 02	96 00 0	103 77	0 0 9 0 0	− − − 85	000 63	0 05 03	97 00 0	137 79	0 0 9 0 0	− − − 64	+ 3	+ 1	0	− 1.9	134.5	108
	Noakhali	000 66	0 00 00	×× ×× ×	××× 78	0 0 9 0 0	− − − 84	000 63	4 06 00	94 05 4	××× 74	0 0 0 0 0	− − − 60	+ 2	− 4	0.6	− 0.8	—	115
	Comilla	000 65	0 00 00	97 00 0	108 75	0 0 9 0 0	− − − 77	000 64	0 05 02	98 00 0	133 74	0 0 9 0 0	− − − 62	− 6	+ 1	0.7	− 0.5	131.9	94
	Brahmanbaria	000 65	0 00 00	×× 00 1	110 75	0 0 9 0 0	− − − 83	000 65	0 05 02	97 00 1	144 75	0 0 9 0 0	− − − 63	−	−	0	− 1.0	65.5	78
	Dacca	000 64	0 00 00	×× 00 0	104 73	0 0 9 0 0	− − − 85	××× 67	4 00 00	96 02 1	140 74	0 0 9 0 8	3 × × 57	—	−	−	−	—	—
	Narayanganj	000 68	0 00 00	×× 00 0	099 75		9 × × 87	000 65	1 09 02	95 01 2	135 73	0 0 9 0 9	6 0 × 64	+ 5	0	Tr.	− 0.9	88.8	74
	Mymensingh	000 71	0 00 00	99 00 0	110 78	0 0 9 0 0	− − − 83	000 70	0 00 00	99 00 0	144 73	0 0 9 0 0	− − − 62	+ 2	− 1	2.3	+ 1.4	64.0	91
	Srimangal	000 67	1 00 00	×× 01 1	105 70	0 0 9 0 1	− − − 84	000 63	3 00 00	95 02 1	144 64	3 2 6 0 0	− − − 53	− 1	− 4	0.2	− 1.2	105.4	98
	Khulna	000 69	0 00 00	98 00 0	115 74	0 0 9 0 0	− − − 86	000 63	0 09 02	98 00 0	150 76	0 0 9 0 0	− − − 62	+ 4	+ 1	0	− 1.1	53.4	68
	Satkhira	000 71	3 00 00	97 03 1	103 71	3 5 7 0 0	− − − ××	000 58	3 05 02	97 03 1	137 75	2 5 7 5 0	− − − 57		− 2	0	− 0.7	44.7	55
	Jessore	000 60	0 00 00	97 00 1	113 67	0 0 9 0 0	− − − 87	000 63	0 05 02	97 00 0	143 76	0 0 9 0 0	− − − ××	—	−	0	− 1.0	45.9	65
	Faridpur	000 65	2 00 00	95 05 0	113 76	0 0 9 0 8	9 × × 77	000 63	1 00 00	95 05 0	145 75	0 0 9 0 8	9 × × 61	− 4	0	0.5	− 0.5	56.9	71
	Barisal	003 66	1 00 00	97 01 1	101 77	0 0 9 0 2	− − − 83	000 66	6 02 02	98 01 4	137 72	0 0 9 0 6	− − − 64	+ 1	+ 1	0.4	− 1.1	73.9	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 64	0 00 00	×× 00 0	113 72	0 0 9 0 0	− − − 73	000 64	1 00 00	97 03 1	149 72	0 0 9 0 1	0 0 0 62		−	1.3	+ 0.7	67.2	64
	Bogra	000 66	3 00 00	95 01 1	102 70	0 0 0 0 5	− − − 84	000 66	6 02 02	96 01 1	147 68	0 6 5 0 0	− − − 63	+ 3	+ 2	1.2	+ 0.4	46.2	69
	Dinajpur	000 63	0 00 00	×× 00 0	125 74	0 0 9 0 0	− − − 83	000 63	0 00 00	96 00 0	158 76	0 0 9 0 0	− − − 60	+ 2	+ 1	0	− 0.3	48.6	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	− − − −	000 ××	0 07 02	98 00 1	— —	0 0 9 0 0	− − −			0.3	− 0.1	79.5	84
KASHMIR	Srinagar †																		
	Gulmerg †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Allahabad																		
PUNJAB	Lyallpur	000 54	2 07 02	96 01 0	097 79	0 0 9 0 2	− − − 81	000 47	4 02 02	96 01 5	134 55	0 0 9 0 4	9 2 0 54	+ 3	+ 8	0	− 0.1	10.2	12
	Lahore	000 58	1 00 00	96 02 1	098 75	0 0 9 4 0	9 × 9 85	000 51	6 00 00	96 03 1	139 57	0 0 9 5 8	3 9 9 54	+ 5	+ 9	0	− 0.1	14.7	19
	Sialkot	000 52	4 00 00	97 02 1	102 72	4 0 8 4 0	− − − 82	000 46	3 00 00	97 03 1	××× 69	3 0 8 6 0	− − − 61	+ 5	+14	0	− 0.1	18.7	32
	Jhelum	000 43	4 00 00	96 02 1	117 71	0 0 9 2 0	6 × 9 76	××× 50	7 00 00	95 10 5	153 55	0 0 9 0 8	9 × × 52	−		0		20.3	—
	Rawalpindi	000 46	3 00 00	98 01 1	112 69	0 0 9 2 0	− − − 82	005 50	5 00 00	97 02 6	151 60	5 5 6 0 0	3 × × 49	+ 8	+ 7	0.1	− 0.2	25.8	36
	Murree †	000 50	7 02 03	97 02 1	065 49	7 5 5 0 0	9 × × 59	008 34	8 18 09	96 03 6	980 45	8 5 4 − −	9 × × 41	+ 5	+ 1	0.1	− 0.3	45.3	59
	Attock	××× ××	4 00 00	97 02 0	— —	0 0 9 0 4	− − − −	××× ××	8 00 00	97 00 0	— —	0 0 9 0 7	− − − −			−		−	—
	Khushab	000 54	0 09 05	99 00 0	101 80	0 0 9 0 0	− − − 84	000 49	6 07 05	99 03 1	130 59	0 0 9 0 4	− − − 56	+ 4	+ 9	0	− 0.1	8.0	15
	Montgomery	000 57	0 00 00	96 00 1	094 80	0 0 9 0 0	− − − 83	000 52	8 00 00	96 02 1	131 56	0 0 9 7 −	3 × 0 55	+ 3	+ 6	0	0	6.1	10
	Leiah	000 80	0 31 02	97 00 0	105 80	0 0 9 0 0	− − − 81	000 47	4 00 00	97 03 0	132 58	0 0 9 0 3	− − − 53			0	—	6.6	8
	Multan	000 44	0 36 05	97 00 0	101 80	0 0 9 0 0	− − − 82	000 46	8 05 05	95 01 1	132 60	0 0 9 7 0	5 9 9 56	+ 2	+ 7	0	0	0.9	7
	Khanpur	000 50	6 02 02	95 04 0	098 70	0 0 9 4 0	0 0 9 83	010 46	6 36 03	95 04 9	124 57	3 8 7 6 0	4 × 9 56	0	+ 7	0.1	+ 0.1	2.1	6
	Bahawalpur	000 57	0 00 00	97 00 0	095 79	0 0 9 0 0	− − − 83	000 40	7 31 05	96 03 1	125 59	1 2 × 4 8	7 0 5 55	+ 2	+ 7	0	0	4.5	6
	Fort Abbas	000 77	0 28 02	96 00 0	095 88	0 0 9 0 0	− − − 90	009 51	7 25 05	96 02 8	132 60	7 2 × 3 3	− − − 46		−	0.1		3.8	8
N. W. F. P.	Drosh *	000 22	7 00 00	98 02 1	097 57	0 0 9 7 0	− − − 61	000 25	8 00 00	98 02 1	042 47	0 0 9 7 −	− − − 43	− 1	+ 1	0.6		23.3	18
	Chakdara	000 10	3 00 00	99 01 1	105 67	3 5 6 0 0	3 × × 73	000 39	5 36 05	98 03 1	168 50	5 0 6 2 0	0 × × 45		−	0.3		20.6	—
	Cherat *	000 37	4 34 05	97 02 1	097 60	0 0 9 0 2	3 0 × 63	000 41	7 13 04	97 03 1	017 54	0 0 9 0 7	2 2 × 50	0	+ 3	0.1	− 0.1	28.9	28
	Peshawar	000 44	3 00 00	96 02 1	123 69	0 0 9 3 1	− − − 78	000 40	8 18 0	96 03 2	165 51	1 1 7 7 −	0 × 5 47	+ 5	+ 1	1	− 0.1	9.2	14
	Parachinar	000 21	3 13 02	99 01 1	073 59	0 0 9 3 0	5 × 7 68	010 26	6 27 02	99 02 2	069 45	1 1 8 6 3	2 0 0 40	+ 2	+ 3	0.3		28.9	29
	Miranshah	000 35	3 13 01	98 02 1	066 70	3 0 8 6 3	− − − 72	000 31	6 00 00	98 02 1	999 51	6 × 6 6 5	− − − 44			0	0	10.5	13
	Bannu	000 42	0 00 00	99 00 0	107 78	0 0 9 0 0	− − − 82	000 39	5 27 02	99 02 1	146 58	5 3 8 0 0	− − − 49	−	−	0		5.9	11
	D. I. Khan	000 68	0 00 00	96 00 0	107 79	0 0 9 0 0	− − − 78	000 35	0 00 00	94 00 0	139 47	0 0 9 0 0	− − − ××	− 1	−	0	− 0.1	2.8	9
	Wana																		11
	Landikotal	000 42	3 00 00	99 02 1	085 60	3 4 6 0 0	− − − 67	000 36	8 00 00	99 02 2	005 47	8 5 6 0 0	− − − ××			Tr.	−	12.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	− − − −	××× ××	8 00 00	97 03 1	— —	0 0 9 0 2	− − − −	−	−	−	−	−	—
	Thull	××× ××	0 18 09	99 00 0	— —	0 0 9 0 0	− − − −	××× ××	5 36 00	99 03 1	— —	2 0 7 2 1	− − − −	−	−	—	−	—	—
BALUCHISTAN	Fort Sandeman*	000 23	3 30 05	96 01 1	003 64	0 0 9 5 1	7 × × 67	000 34	8 00 00	95 02 5	007 52	8 7 6 0 0	3 × × 44	0	+ 1	0	− 0.1	10.0	12
	Hindubagh	000 11	7 09 09	97 03 2	951 57	7 7 7 0 0	7 × × 63	000 23	6 09 02	96 03 5	985 47	6 7 7 0 0	3 × × 41			0	—	9.6	—
	Loralai	000 20	0 18 02	96 00 1	964 63	0 0 9 0 0	− − − 68	003 41	8 00 00	96 03 6	993 48	2 5 5 2 0	4 × × 39			Tr.		8.5	—
	Harnai (a)	000 ××	1 27 02	95 01 1	—	1 0 8 1 0	− − − −	000 ××	8 09 02	98 03 2	—	8 0 5 5 1	− − − −			0	− 0.1	10.6	14
	Sibi	000 24	2 18 05	98 03 0	038 81	0 0 9 7 0	1 × 9 84	000 44	6 00 00	98 02 2	137 63	6 4 7 0 0	− − − 51	−		0	−	3.8	5
	Quetta †	000 57	6 29 07	98 02 2	943 58	0 0 9 9 5	8 0 9 66	000 39	8 00 00	98 50 2	961 44	3 6 4 2 0	9 × 0 37			0	− 0.1	9.3	9
	Chaman	000 49	6 23 07	97 00 0	979 62	0 0 9 0 0	− − − 69	000 22	6 11 03	97 00 0	019 43	0 0 9 0 0	− − − 41	+ 3	0	0	− 0.1	9.6	8
	Nushki	000 36	3 11 10	97 01 2	033 67	0 0 9 6 0	9 0 7 69	000 33	2 09 05	96 03 1	064 49	0 0 9 4 0	9 0 9 47		−	0		5.4	—
	Dalbandin *	000 41	2 05 03	96 03 1	969 68	2 1 7 0 0	− − − 70	000 27	2 00 00	96 03 0	002 48	2 1 7 0 0	− − − 40	− 1	+ 4	0	0	1.8	4
	Nokkundi	000 24	3 20 02	99 01 1	083 75	0 0 9 0 5	9 0 × 75	002 40	8 11 05	99 00 0	176 50	0 0 9 0 0	− − − 48			Tr.		1.0	2
	Kalat †	000 43	7 31 05	96 50 1	952 56	7 6 6 0 0	8 0 9 64	045 28	7 00 00	98 03 1	970 40	7 6 7 0 0	9 0 0 37	+ 3	+ 8	9.5	− 0.3	10.2	7
	Turbat	006 53	5 24 02	96 03 2	084 86	0 0 9 2 0	9 0 × 99	000 53	0 00 00	95 00 0	189 64	0 0 9 0 0	− − − 63			0		1.4	—
	Panjgur *	000 21	× 28 07	97 03 1	957 75	0 0 9 2 0	9 0 4 76	000 22	2 28 03	97 03 1	994 50	0 0 9 4 7	9 0 4 44	+ 5	+ 3	0		3.2	5
	Las Bela							000 59	0 00 00	98 00 0	120 71	0 0 9 4 0	− − − 55		−	0	−	1.7	3
	Ormara	000 75	0 27 09	98 00 0	083 79	0 0 9 0 0	− − − 79	000 67	0 27 02	98 00 0	113 73	0 0 9 0 0	− − − 72	−	−	0	0	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Keti	000 44	0 05 05	96 00 0	097 80	0 0 9 0 0	− − − 82	000 45	6 36 03	96 02 5	136 61	0 0 9 0 3	1 0 2 57	−	−	0	—	2.2	—
	Jacobabad	000 40	0 09 05	93 00 0	098 83	0 0 9 0 0	− − − 85	000 54	7 18 02	97 51 5	131 64	3 8 6 2 0	− − − 61	+ 3	+ 9	0	0	0.7	4
	Sukkur	000 50	0 ×× ××	96 00 1	099 79	0 0 9 0 0	3 × × 82	000 54	6 ×× ××	96 03 1	121 64	0 0 9 5 0	4 × 6 58			0	−	1.0	4
	Padidan	000 47	0 34 05	98 00 1	094 80	0 0 9 0 0	− − − 82	000 53	1 05 02	98 01 0	123 62	0 0 9 1 0	− − − 56	−	−	0	−	0.9	—
	Karachi (*Manora*)	000 70	2 25 09	99 01 1	087 79	2 1 5 0 0	− − − 83	000 69	4 00 00	97 01 1	119 75	2 1 5 4 0	0 × 9 72	+ 1	+ 8	0	− 0.1	1.6	3
	Karachi (*A. P.*)	000 65	0 25 12	97 00 1	085 82	0 0 9 0 0	− − − 88	000 67	2 00 00	98 03 0	124 70	1 2 6 6 0	− − − 65	−		0		3.0	—
	Badin																		9
	Nagarparkar																		
	Ohbor (*Umarkot*)	000 71	0 25 03	97 00 0	064 87	0 0 9 0 0	− − − 94	000 63	0 34 03	97 00 0	109 67	0 0 9 0 0	− − − 65			0		2.3	—
	Hyderabad	000 51	0 36 03	97 00 0	083 88	0 0 9 0 0	− − − 87	000 50	1 36 02	96 02 1	127 66	0 0 9 0 2	− − − 62	+ 2	+ 5	0	0	2.0	7
Junagarh	Veraval																		29
Afghanistan	Kabul	000 25	5 10 03	97 02 1	995 57	1 7 8 2 0	− − − 60	000 24	8 20 03	98 03 2	996 38	8 7 8 − −	− − − 32	−	−	0	−	10.6	12
	Jalalabad	000 52	6 00 00	97 01 1	019 71	0 0 9 4 0	3 × 9 73	000 39	6 00 00	97 02 1	014 47	0 0 9 5 0	2 × 9 45	−	−	0.1	−	7.0	—
	Kandahar	000 85	7 00 00	98 01 1	952 69	0 0 9 0 0	− − − 72							−					—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 24TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTTT	$N_h C_L hC_M C_H$	$W_L D_L D_M T_L T_L$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTTT	$N_h C_L hC_M C_H$	$W_L D_L D_M T_L T_L$	Departures from Normal P_s T_s	P_s T_s	Rainfall: Since Nov. 1st to date	Departure from normal	Since Jan. 1st to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Chabbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12
Arabia	Muscat	—	000 64	0 31 13	99 00	1 102 78	0 0 9 0 0	- - - 79	000 63	4 32 05	99 03 0	150 77	4 0 7 2 0	0 × 7 75	- 3	+ 2	0	—	3 3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 ××	1 34 05	97 00	0 186 78	0 0 9 0 1	- - - 73	000 ××	1 27 05	97 06 0	135 64	0 0 9 0 1	× 0 1 54	—	—	0	—	1.5	6

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,690-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_M C_H	D_s v_s sno	S N_s Ch_s h_s	O I_s T_s T_d T_d	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shwedagon	63 228	664 08	1 32 02	99 02 0	138 ××	11 7 00	—	—	—	—
Shwedagon	63 227	671 12	0 35 03	99 00 1	100 ××	00 9 00	—		—	
Philosopher	63 071	678 06	2 28 04	81 01 1	109 57	21 × 61	6 4 306	—	0 04 71	1 00 ×0
Strathaird	63 176	667 12	6 06 08	99 02 0	092 82	52 6 01	2 7 614	—	0 02 75	—
Jalaratna	63 200	715 12	8 18 16	82 02 2	095 60	—		—		—
Strathaird	63 185	708 00	—	99 02 1	093 81	53 6 00	2 7 308	—	0 02 74	—
Jalaratna	63 189	720 13	8 14 10	98 01 5	110 79	69 7 07	—	—		—
Dara	63 234	674 13	2 28 06	99 02 0	122 78	21 7 00	7 4 305	—	0 01 75	1 28 ××
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTsoXsXs	PsPshshshs	TsTsTdsTdsTxs etc.	4555	hshsPsPsPs	TsTsTdsTdsTxs etc.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi —	780 14	007 26	193 60	000 27	251 97	854 89	150 57	700 21	075 21	508 95	619 97	101 19	909 90	855 58	339 00	200 98	668 09	120 17	326 23	909 90	438 09	529 94	444 00	729 00	703

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra —	05 01	09 02	13 03	33 02	—	—	—	—	—	—	06 94	05 02	01 04	36 03	36 10	—	08 07	11 10	04 03	—	—	—	—	—
Chhor	25 08	22 06	19 04	23 04	—																			
Chittagong	35 02	35 03	20 02	21 03	22 13	23 14	24 50	—	—	—	01 18	02 07	14 02	21 12	22 15	24 19	08 10	10 06	17 09	30 13	22 17	23 22	—	—
Cox's Bazar	19 04	05 07	17 09	21 11	—	21 13	23 27	—	—	—	—	—	—	—	—	—	11 03	13 04	17 07	29 11	21 15	24 13	—	—
Dacca	03 01	07 02	09 02	19 01	25 14	24 16	—	—	—	—	03 02	36 03	36 03	23 09	—	—	05 06	05 06	05 03	32 07	23 09	24 15	25 35	26 24
Dalbandin	—	—	09 05	18 05	21 10	21 11	20 22	—	—	—	—	—	06 11	06 09	09 10	24 04			08 06	04 06	04 22	33 06	34 21	29 19
Drosh		—			07 09	21 10	18 10	—	—	—	—	—	—	—	—	—	—	—	—		01 06	01 11	19 10	17 15
Fort Sandeman	—		—	35 05	07 03	22 07	19 14	23 41	—	—			—	05 08	14 03	17 09				04 06	34 05	13 06	14 17	—
Jacobabad	08 07	10 10	10 12	10 09	11 05	25 14	23 27	24 45	23 57	—	33 13	03 07	01 05	26 03	18 10	16 13	03 03	07 10	13 06	17 18	29 15	37 07	26 17	—
Jhelum	36 07	33 12	33 11	33 05	09 05	08 10	—	—	—	—	06 08	07 09	11 07	13 08	17 06	13 12	03 03	13 15	13 13	11 12	18 23	14 13	15 31	—
Jiwani	—																							
Karachi	32 06	30 05	29 04	24 13	23 22	25 20	26 39	25 49	25 63	24 87	36 09	27 10	25 07	21 06	36 03	24 21	21 03	31 19	29 13	37 10	27 07	37 15	33 29	—
Khanpur	03 10	06 08	11 06	03 11	25 03	25 11	—	—	—	—	04 21	23 13	06 10	17 03	20 16	21 24	21 03	01 03	03 06	02 09	05 06	—	—	—
Lahore	02 06	03 05	08 06	10 11	12 16	12 15	24 21	23 35	—	—	14 13	14 12	12 10	14 07	20 05	22 13	13 13	14 15	14 15	13 13	20 07	20 13	21 15	21 21
Multan	36 12	36 15	01 13	06 09		—	—	—	—	—	03 10	07 11	07 10	19 04	18 13	17 13	23 03	03 13	23 15	37 13	04 09	32 09	—	—
Peshawar	..	36 05	36 04	03 02	16 03	19 04	20 10	22 25	24 39	22 54	—	20 02	24 06	01 85	40 20	19 04	—	02 03	20 06	06 03	19 15	19 13	14 08	17 08
Quetta	—				27 09	24 06	—	—	—	—	—	—	No	ascent	—	—	—	—			15 04	13 03	—	—
Bushire	—																							
Sharjah	—																							

Cloud Observation Data (iiiGG Cddv, v,)

Jhelum 59808 51725
Drosh 51508 41510

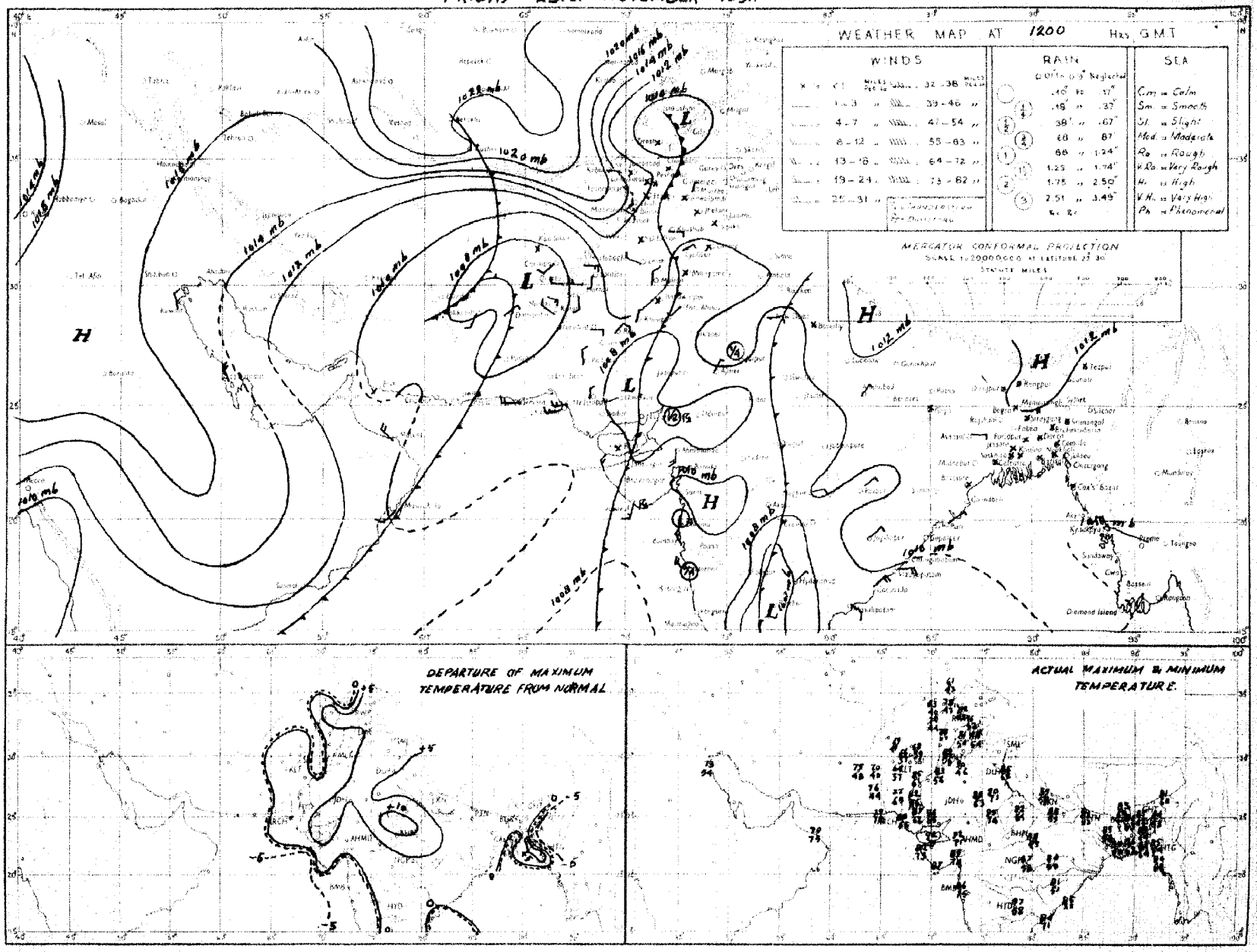
Jhelum 59802 12114
Peshawar 53002 42XXX

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

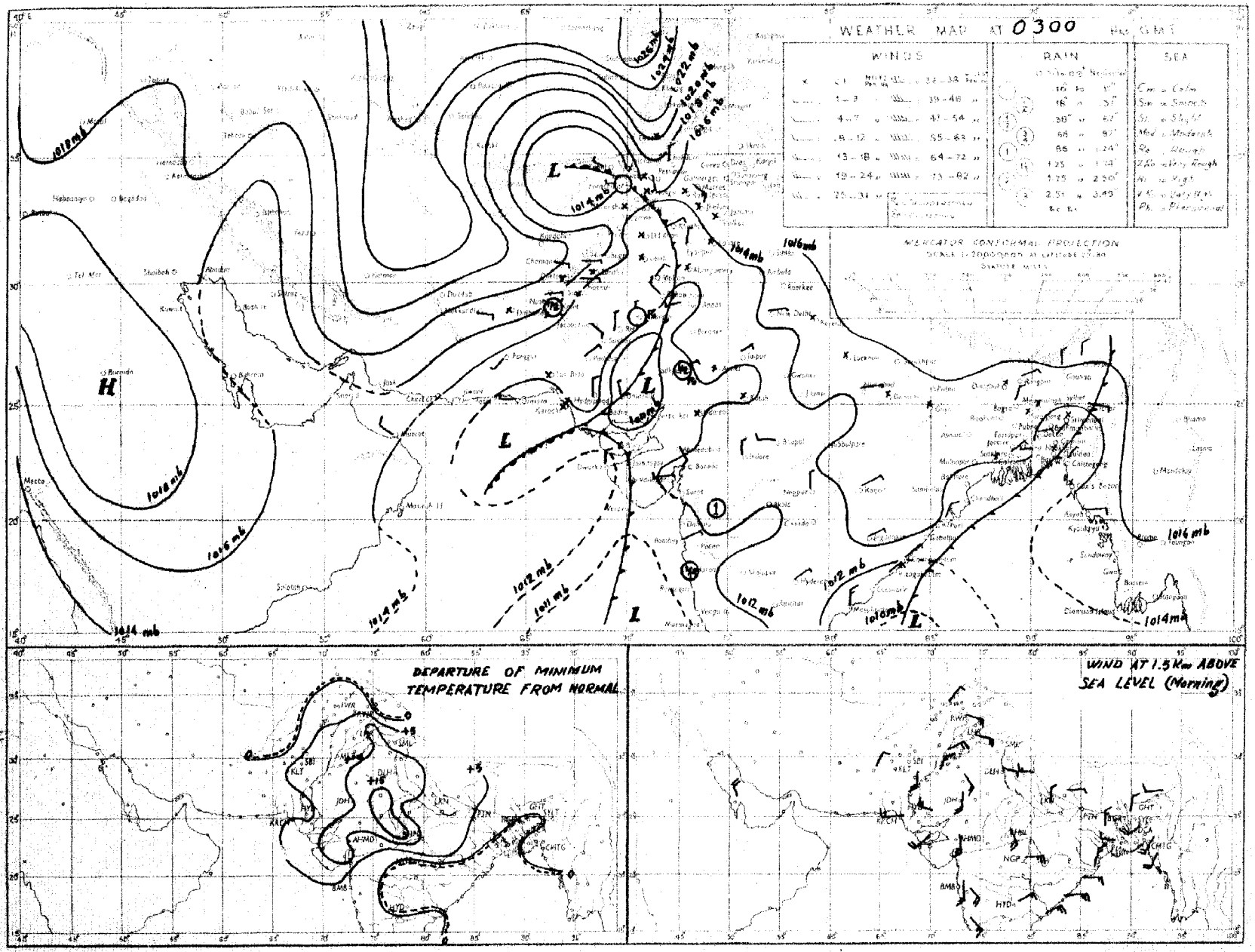
FRIDAY 23rd. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SATURDAY 24th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SUNDAY, THE 25th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's western disturbance persists over upper North-West Frontier Province, Kashmir and north Punjab. Its associated secondary extends from Rajputana to Gujrat.

A depression lies in west Central Bay of Bengal.

Rain/thundershowers have been fairly widespread in the Punjab and the North-West Frontier Province, local in north Baluchistan and isolated in lower Sind and south Baluchistan.

Chief amounts of rainfall are :—Lahore and Murree 1½" each; Rawalpindi, Montgomery, Fort Abbas 1" each; Sialkot, Cherat and Parachinar ¾" each; Jhelum, Peshawar, Miranshah and Bannu ½" each and Lyallpur Khushab, Leiah and Fort Sandeman ¼" each.

Night temperatures were appreciably to markedly above normal in Southern districts of East Pakistan and lower Sind.

Forecast valid until the evening of 26th :—Rain/thunderstorms will be fairly widespread in the upper North-West Frontier Province, Kashmir and the north Punjab and local in East Pakistan.

There will be appreciably to marked fall in night temperatures in West Pakistan.

Karachi-11.
The 25th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_t D_H D_M T_x T_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_t D_H D_M T_n T_n$	T_xT_x	T_nT_n	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 68	3 00 00	94 01 1	110 80	1 2 6 4 0	1 × 0 87	003 71	0 00 00	97 00 1	150 78	0 0 9 0 0	- - - 69	+ 3	+ 4	0.1	- 2.9	121.6	140
	Chittagong	000 68	6 34 05	96 02 1	118 76	4 3 6 7 0	4 × 9 87	000 74	4 00 00	97 02 1	153 81	0 0 0 0 9	0 9 × 71	+ 5	+ 8	0	- 2.0	134.5	108
	Noakhali	000 67	6 00 00	93 03 1	××× 78	6 3 5 0 0	- - - 84	000 63	7 06 00	95 01 2	××× 74	5 8 4 1 1	- - - 62	+ 2	- 2	0.6	- 0 9	—	115
	Comilla	000 67	4 00 00	97 01 1	111 77	2 5 7 0 9	- - - 82	000 67	8 05 05	97 03 2	140 73	8 5 7 0 0	- - - 71	- 1	+10	0.7	- 0.6	131.9	94
	Brahmanbaria	000 64	2 00 00	×× 01 1	120 74	2 0 9 0 8	0 4 × 82	000 68	5 86 02	97 03 1	162 77	0 0 9 4 4	0 4 4 67	-	-	0	- 1.0	65.5	78
	Dacca	××× 64	2 00 00	×× 01 1	119 71	2 0 8 4 0	6 × × 83	××× ××	4 00 00	96 02 1	149 74	4 5 6 0 0	3 × × 60	—			-		
	Narayanganj	000 60	7 00 00	×× 03 1	109 75	0 0 8 0 9	9 0 × 87	000 67	× 00 00	94 03 2	154 75	0 0 9 0 7	6 0 × 66	+ 5	- 1	0	- 0.9	88.8	74
	Mymensingh	000 66	0 00 00	99 00 0	××× 77	0 0 9 0 0	- - - 83	000 67	0 00 00	97 00 0	169 73	0 0 9 0 0	- - - 61	+ 2	- 2	2.3	+ 1.4	64.0	91
	Srimangal	000 68	0 00 00	×× 00 1	116 70	0 0 9 0 0	- - - 83	000 69	8 09 02	95 21 1	164 71	8 5 6 - -	- - - 62	- 2	+ 5	0.2	- 1.2	105.4	98
	Khulna	000 65	8 00 00	97 01 2	121 74	2 0 8 7 0	- - - 86	000 66	8 00 00	97 02 2	164 74	8 8 8 - -	- - - 69	+ 4	+ 8	0	- 1.1	53.4	68
	Satkhira	000 79	8 00 00	97 03 1	125 71	4 5 7 5 0	- - - 84	000 65	8 05 02	97 03 1	156 73	6 5 7 5 0	- - - 64		+ 5	0	- 0.7	44.7	65
	Jessore	000 65	4 23 02	×× 01 1	117 73	4 4 6 0 0	- - - 86	000 66	6 36 02	96 02 2	164 74	6 8 8 0 0	- - - ××	0		0	- 0.9	45.9	65
	Faridpur	000 65	5 00 00	95 05 0	111 76	2 5 7 0 8	9 × × 77	000 64	3 00 00	96 02 0	166 75	1 4 7 0 8	9 6 × 62	- 4	+ 1	0.5	- 0 5	56.0	71
	Barisal	003 69	8 00 00	97 03 1	113 78	5 4 6 2 0	- - - 83	000 68	8 00 00	98 03 2	158 77	4 4 6 7 -	- - - 69	+ 1	+ 6	0.4	- 1.1	73.9	81
	Pabna																		59
	Rampur Boalia																		56
	Siraiganj	000 65	1 00 00	×× 01 1	118 73	1 6 1 0 0	- - - 79	000 62	1 00 00	98 02 1	162 73	1 6 2 0 0	- - - 63	—	—	1.3	+ 0.7	67.2	64
	Bogra	000 64	3 00 00	98 01 1	116 75	0 0 0 0 2	- - - 81	000 64	2 00 00	96 01 4	167 72	0 0 9 0 1	2 0 × 60	0	- 1	1.2	+ 0 4	46.2	69
	Dinajpur	000 64	0 00 00	×× 00 0	128 75	0 0 9 0 0	- - - 81	000 63	0 00 00	96 00 0	170 70	0 0 9 0 0	- - - 59	0	0	"	- 0.4	48.6	72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - - -	000 ××	1 09 02	98 02 1	— —	0 0 9 1 0	- - - -			0.4	- 0.1	79.5	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 52	6 16 04	96 02 0	095 70	0 0 9 2 0	0 0 8 75	037 56	6 11 02	96 54 5	126 58	6 2 8 0 0	9 0 0 54	- 3	+ 8	0.4	+ 0.8	10.5	12
	Lahore	000 58	8 13 23	97 31 3	099 67	5 3 6 2 -	1 × 9 69	125 57	8 00 00	96 63 9	131 58	4 5 6 2 -	7 × 0 57	- 11	+ 12	1.3	+ 1.2	16.0	19
	Sialkot	000 53	8 13 04	97 03 2	101 70	8 5 6 - -	9 9 76	075 61	8 09 02	96 63 9	145 61	8 5 5 - -	9 9 9 60	- 1	+ 13	0.7	+ 0 7	19.5	32
	Jhelum	002 54	8 13 02	96 51 2	104 70	3 7 7 2 -	- - - 75	060 58	8 00 00	95 50 6	149 60	8 7 6 - -	- - - 56	—		0.6		27.4	—
	Rawalpindi	000 52	6 00 00	98 02 2	098 68	6 5 6 0 0	9 × × 75	090 52	8 00 00	97 50 9	149 55	8 9 6 - -	9 × × 64	+ 1	+ 12	0.9	+ 0 7	26.7	36
	Murree †	000 41	8 11 14	96 03 2	946 48	8 9 3 - -	9 × × 53	129 37	8 07 21	95 03 9	940 39	8 9 3 - -	9 × × 36	- 1	- 4	1.4	+ 0.9	46.5	59
	Attock	××× ××	8 31 02	95 00 6	— —	1 7 6 0 7	3 0 9 ××	××× ××	8 09 02	95 60 5	— —	0 0 9 2 0	6 × 1 —					—	—
	Khushab							033 50	8 11 05	98 21 6	131 60	8 2 6 - -	- - - 58		+ 11	0.3	+ 0.3	8.3	15
	Montgomery	000 60	7 27 03	96 02 2	101 67	0 0 9 1 0	9 × 0 71	106 56	× 31 03	96 01 5	131 58	× 4 7 0 0	6 × × 50	- 9	+ 1	1.1	+ 1.1	7.2	10
	Leiah	000 43	4 31 02	97 03 0	115 78	0 0 9 3 0	- - - 78	036 54	2 00 00	97 02 5	124 55	0 0 9 0 3	0 2 × 52			0 4	—	6.9	8
	Multan	000 43	8 31 09	95 01 2	098 71	0 0 9 7 0	9 9 9 78							- 2					7
	Khanpur	000 58	4 34 10	95 04 1	085 75	0 0 9 4 0	0 × 9 79	000 52	0 02 03	95 04 6	149 53	0 0 9 0 0	- - - 52	- 4	+ 3	0.1	+ 0.1	2.1	6
	Bahawalpur	007 61	3 00 00	97 01 6	087 71	0 0 9 0 2	9 9 × 75	007 56	0 36 02	97 00 1	142 57	0 0 9 0 0	- - - 56	- 6	+ 8	0.1	+ 0.1	4.7	6
	Fort Abbas	020 49	4 23 05	95 03 1	088 64	0 0 9 3 0	- - - 66	122 38	8 18 02	96 03 3	143 60	0 0 9 3 0	- - - 50		—	1.3		5.2	8
N. W. F. P.	Drosh *	012 37	8 00 00	96 02 6	022 48	2 6 5 2 -	4 × × 52	012 40	8 00 00	96 02 2	023 44	2 5 5 7 -	- - - 42	- 10	0	0.7		23.4	18
	Chakdara	000 47	8 34 10	98 03 2	134 57	8 5 6 6 0	2 0 × 66	015 48	7 31 02	98 01 1	144 54	7 5 6 2 0	1 × × 48			0.5	-	20.7	—
	Cherat *	019 43	7 36 16	97 01 9	985 52	0 0 9 8 0	3 × 6 62	081 45	8 34 17	92 42 6	000 46	× × × × ×	2 × 9 44	- 1	- 3	0.9	+ 0.6	29.7	29
	Peshawar	006 52	8 34 05	96 21 2	123 61	5 9 6 2 -	- - - 73	050 54	8 25 03	96 11 6	158 56	0 4 5 6 2	0 × × 51	0	+ 5	0.5	+ 0.4	9.7	14
	Parachinar	008 40	2 00 00	95 02 2	960 42	2 2 6 0 0	5 × 9 59	068 40	7 00 00	99 02 2	945 42	3 6 6 6 6	3 0 0 38	- 2	+ 1	1.0		29.5	29
	Miranshah	050 46	8 00 00	98 02 6	995 52	8 2 6 0 0	- - - 64	050 49	8 00 00	98 03 2	987 51	8 4 6 0 0	- - - 48	-		0.5	+ 0.5	11.0	13
	Bannu	031 48	8 27 02	99 02 2	130 60	8 3 8 0 0	1 0 0 70	045 49	8 31 03	99 02 2	149 57	3 8 3 8 0	1 0 0 54	—		0.5		6.3	11
	D. I. Khan	000 49	0 31 04	97 00 0	132 74	0 0 9 0 0	- - - 64	000 54	7 03 02	94 01 2	134 56	7 7 8 0 0	3 0 4 40	+ 5	+ 8	0	- 0 1	2.8	9
	Wana																		11
	Landikotal	000 47	8 05 05	98 02 2	976 60	8 7 5 0 0	- - - 65	064 47	8 31 02	93 60 6	000 47	8 9 4 0 0	9 0 0 46			0.7	—	12 6	—
	Hangu	××× ××	8 00 00	96 63 6	— —	0 0 9 6 0	8 × 0 —	××× ××	8 00 00	96 61 6	—	0 0 9 6 0	9 × 0 —	—	—		—		—
	Thull	××× ××	× 09 13	98 60 6	— —	× - 9 - -	3 9 9 —	××× ××	× 36 00	98 60 5	— —	× × × × ×	- 9 9 —		—	—		—	—
BALUCHISTAN	Fort Sandeman *	025 41	8 09 05	96 01 6	980 45	6 6 5 5 0	3 × × 54	025 35	1 00 00	97 01 1	984 44	0 0 9 5 0	9 × × 38	- 13	+ 1	0.3	- 0.1	10.2	11
	Hindubagh	000 30	4 31 12	97 01 5	940 49	4 9 7 0 0	7 × × 51	000 17	0 27 12	96 00 0	970 41	0 0 9 0 0	- - - 36			0	—	9.0	—
	Loralai	000 41	5 00 00	96 03 5	968 51	3 2 5 4 0	9 × × 53	010 22	0 27 09	98 00 6	003 42	0 0 9 0 0	9 × × 35		-	0.1		8.6	—
	Harnai (a)	000 ××	4 00 00	94 03 2	—	1 3 7 2 -	- - - -	009 ××	0 25 05	96 00 0	— —	0 0 9 0 0	9 × × —			0.1	- 0.1	10.7	14
	Sibi	000 43	1 05 05	99 01 1	082 78	0 0 9 1 0	- - - 80	000 37	0 13 05	98 00 0	144 53	0 0 9 0 0	- - - 51	—		0		3.8	5
	Quetta †	000 38	5 31 03	98 02 2	934 51	0 0 9 7 0	9 × 0 55	006 32	0 02 03	97 10 2	954 37	0 0 9 0 0	- - - 33			0.1	- 0 4	9 4	9
	Chaman	000 43	0 31 05	97 00 0	948 53	0 0 9 0 0	- - - 61	000 24	0 13 03	97 00 0	027 42	0 0 9 0 0	- - - 38	- 5	+ 2	0	- 0.1	9.6	8
	Nushki	000 46	0 27 03	97 00 0	048 65	0 0 9 0 0	- - - 66	000 26	0 00 00	98 00 0	081 49	0 0 9 0 0	- - - 45		—	0	-	5.4	—
	Dalbandin *	000 23	0 00 00	96 00 0	989 67	0 0 9 0 0	- - - 68	000 22	0 05 02	96 00 0	019 39	0 0 9 0 0	- - - 35	- 3	- 1	0	0	1.8	4
	Nokkundi	000 20	0 34 05	99 00 0	118 69	0 0 9 0 0	- - - 73	000 16	0 00 00	99 00 0	195 47	0 0 9 0 0	- - - 46			0	—	1.0	2
	Kalat †	007 40	4 31 05	98 03 1	954 46	7 6 7 0 0	9 0 0 50	007 28	0 18 05	98 00 0	980 31	0 0 9 0 0	- - - 28	- 11	- 1	0 5	- 0.4	10.2	7
	Turbat	006 33	0 04 02	96 00 0	××× 83	0 0 9 0 0	- - - 86	000 32	0 00 00	95 00 0	××× 62	0 0 9 0 0	- - - 53			0		1.4	—
	Panjgur *	000 44	0 31 05	97 00 0	976 66	0 0 9 0 0	- - - 66	000 24	0 05 05	97 00 0	810 89	0 0 9 0 0	- - - 35	- 6	- 6	0	—	3.2	5
	Las Bela	000 57	0 00 00	99 00 0	079 86	0 0 9 0 0	- - - 88	000 59	0 00 00	98 00 0	120 71	0 0 9 0 0	- - - 65	—	—	0	-	1.7	8
	Ormara	000 76	0 18 02	98 00 0	089 81	0 0 9 0 0	- - - 43	000 58	0 00 00	98 00 0	144 64	0 0 9 0 0	- - - 64	—	—	0	0	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Beti	000 53	0 36 07	96 00 0	084 76	0 0 9 0 0	- - - 82	000 48	0 00 00	96 00 0	146 54	0 0 9 0 0	- - - 51	—	—	0	—	2.2	—
	Jacobabad	000 47	1 27 02	90 01 1	096 78	0 0 9 3 0	- - - 79	000 46	0 11 02	97 00 0	144 59	0 0 9 0 0	- - - 53	- 3	+ 1	0	0	0.7	4
	Sukkur	000 51	0 34 ××	96 00 1	084 78	0 0 9 0 0	4 × × 80	000 54	0 13 ××	96 00 0	143 60	0 0 9 0 0	- - - 58			0	—	1.0	4
	Padidan	000 45	0 31 05	98 00 1	090 79	0 0 9 0 0	- - - 81	000 48	0 00 00	98 00 0	146 52	0 0 9 0 0	- - - 48	—	-	0	—	0.9	—
	Karachi (*Manora*)	009 67	2 20 05	99 01 9	088 79	2 1 5 0 0	0 × × 82	009 58	0 00 00	97 00 0	138 70	0 0 9 0 0	- - - 68	0	+ 4	0.1	0	1.7	3
	Karachi (*A. P.*)	000 63	1 20 09	96 01 1	090 80	1 2 6 0 0	- - - 84	000 60	0 00 00	97 00 0	142 64	0 0 9 0 0	- - - [illegible]	—		0		3.0	—
	Badin							000 55	0 36 03	97 00 0	148 64	0 0 9 0 0	- - - 46		- 12	0.9	- 0.7	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 66	0 31 03	97 00 0	071 83	0 0 9 0 0	- - - 86	000 55	0 00 00	97 00 0	134 64	0 0 9 0 0	- - - 56		-	0	-	2.3	—
	Hyderabad	000 53	0 00 00	97 00 0	086 81	0 0 9 0 0	- - - 85	000 53	0 36 03	97 00 0	142 62	0 0 9 0 0	- - - 61	0	+ 4	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul																		12
	Jalalabad	000 51	7 27 02	96 68 1	007 65	0 0 9 2 0	3 × 9 69							—					—
	Kandahar	000 52	0 23 05	98 00 0	960 62	0 0 9 0 0	- - - 68	000 33	0 00 00	97 00 0	005 38	0 0 9 0 0	- - - 30	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 25TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTTT	$N_hC_LhC_MC_H$	$W_1D_1D_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_1D_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall. Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	...	—	—	—	—	—	—	10
	Bushire	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Arabia	Muscat	—	000 65	0 31 09	99 00 1	127 78	0 0 9 0 0	- - - 78	000 60	5 27 02	99 01 0	161 73	0 0 9 0 1	0 6 × 73	- 4	0	0	—	3 3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 ××	2 00 00	97 00 0	159 74	0 0 9 0 2	- - - 76	000 ××	2 23 08	97 ×× 0	180 69	0 0 9 0 1	- - - 54	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0800 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_M C_H	D_s v_s app	S N_s Ch_s h_s	O T_s T_s T_d T_d	$1d_w$ d_w P_w H_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Cuansria	73 086	701 06	5 99 04	99 15 8	126 86	32 6 32	6 4 810	8 3 485	0 02 75	1 23 52
Jalaratna	73 173	723 06	6 14 07	98 02 1	120 86	11 9 72	—	—	—	—
Besoprovence	73 107	577 00	0 27 12	98 02 0	105 79	00 9 00	5 4 300	—	0 54 ××	1 27 32
Jalaratna	73 163	725 12	1 18 04	98 01 0	184 83	××× ××	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi —	780 15	007 24	195 60	000 28	241 91	854 87	140 58	700 18	016 17	508 79	659 91	555 55	339 00	180 98	668 00	100 14	977 11	015 94	096 80	026 41	426 00	539 91	424 00	799 91	

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra —	36 04	36 02	06 03	05 06	20 07	23 11	—	—	—	—	03 07	03 04	01 02	28 04	29 08	25 21	13 03	09 01	36 01	15 08	19 04	25 25	25 33	23 21
Chhor —	35 08	35 08	34 09	27 20	24 33	21 41	—	—	—	—	—	—	—	—	—	—	02 06	02 04	36 05	31 10	30 12	23 18	23 26	23 32
Chittagong —	03 08	14 02			—		—	—	—	—	11 09	12 08	17 06	18 13	18 18	20 23	12 06	13 07	14 08	18 06	21 11	23 15	—	—
Cox's Bazar —	19 05	19 08	18 07	18 08	20 08	23 13	25 21	26 24	—	—	18 04	19 06	19 07	21 13	—	—	16 01	17 04	19 05	20 10	21 09	25 10	24 12	25 18
Dacca —	36 04	36 03	32 03	21 13	32 12	23 29	27 32	—	—	—	05 08	05 03	24 05	18 03	—	—	23 02	27 02	31 03	05 10	05 07	—	—	—
Dalbandin —	—	—	07 02	05 03	04 06	31 09	31 23	32 43	33 69	—	—	—	12 07	17 09	15 13	15 03	—		06 02	36 06	35 14	34 23	—	—
Drosh —	—	—	—	—	22 19	—	—	—	—	—	—	—	—	16 01	35 01	03 10	—	—	—	—	—	—	—	—
Fort Sandeman —	—		—	No	ascent							—	—	22 03	30 17	32 23	—	—	—	36 07	29 15	35 20	—	—
Jacobabad —	33 09	32 08	35 07	25 06	24 09	29 08	25 19	25 19	24 25	25 33	11 09	16 02	31 05	32 12	33 15	29 15	11 16	13 12	23 04	21 12	34 08	32 09	29 13	—
Jhelum —	15 13	13 12	13 12	14 19	15 21	15 29	—	—	—	—	10 09	14 13	16 15	16 22	—	—	—	—	—	No	ascent	—	—	—
Jiwani —																								
Karachi —	23 05	22 03	32 08	30 07	22 16	27 24	27 42	—	—	—	31 09	31 10	32 14	02 08	35 10	30 14	08 08	10 03	03 07	29 04	31 10	31 27	31 21	—
Khanpur —	10 06	09 05	07 06	14 04	23 12	22 26	22 44	22 56	22 53	—	03 17	03 12	35 07	30 14	32 16	32 14	06 12	04 06	21 13	32 20	32 22	22 14	—	—
Lahore —	15 21	15 27	15 12	21 10	17 08	12 12	—	—	—	—	13 12	15 14	16 18	19 23	16 10	16 10	22 07	22 06	22 04	19 11	—	—	—	—
Multan —	11 11	07 17	05 18	07 04	09 10	21 13	21 37	20 43	—	—	33 14	36 03	23 06	27 10	27 21	26 10	03 09	35 09	34 10	35 14	—	—	—	—
Peshawar —		03 02	05 07	07 12	08 07	10 12	09 13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta —					29 08	31 11	24 06	26 14	29 18	30 23	—	—	No	ascent	—	—	—	—	—	—	30 08	32 15	—	—
Bushire —						—					—	—			—						—	—		
Sharjah —						—																		

Cloud Observation Data (iiiGG Cddv, v,)

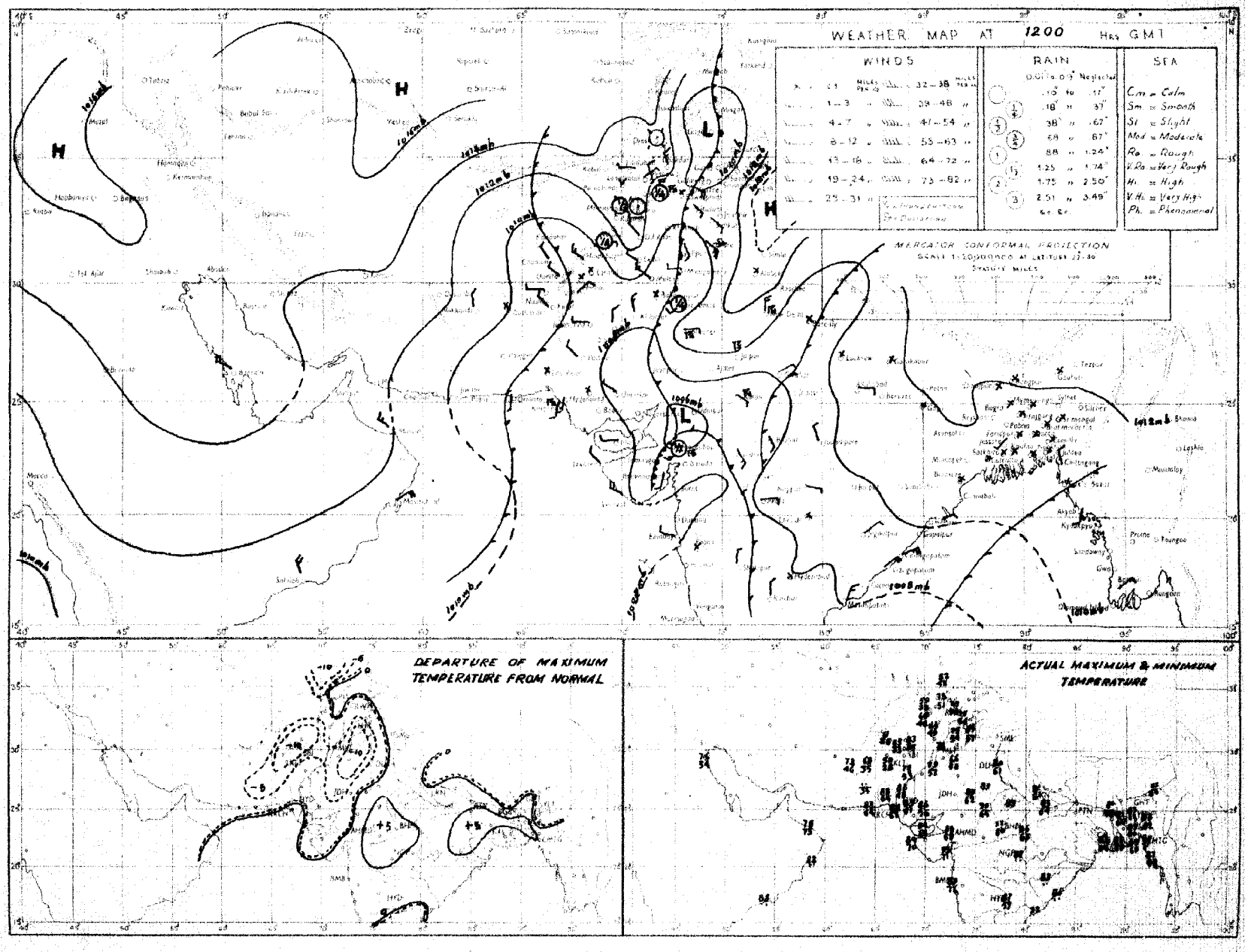
Peshawar 53008 41113

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

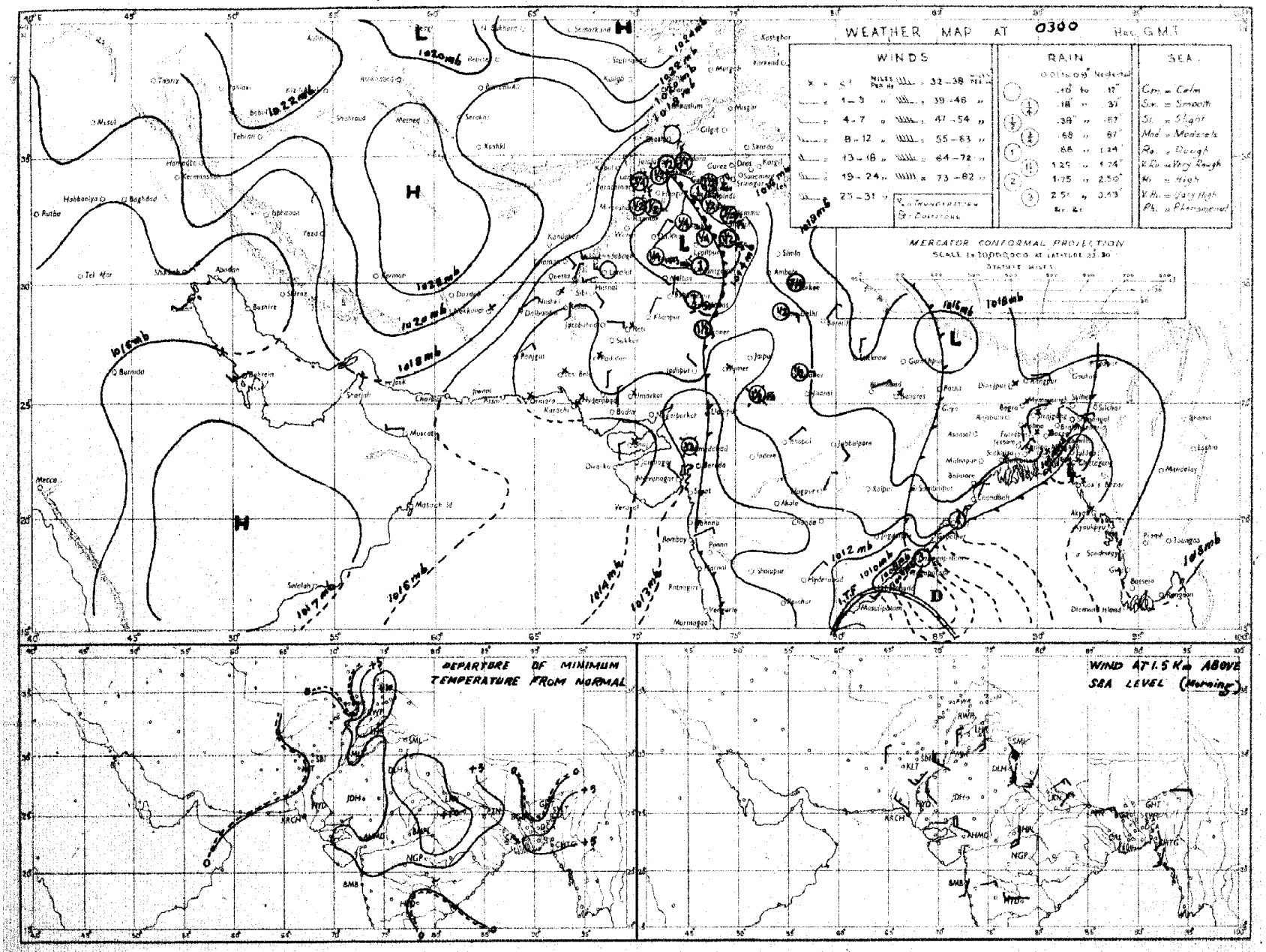
SATURDAY 24th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SUNDAY 25th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription Pages 1—2 Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR MONDAY, THE 26th NOVEMBER, 1951

(*Published by the authority of the Government of Pakistan*).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance over the extreme north of West Pakistan persists and is filling up.

Observations are lacking, but believe the depression in west central Bay of Bengal has moved northeastwards and lies this morning in the north Bay. It is likely to continue move northeastwards and fill up.

A western disturbance is approaching north and central Iraq.

Fairly widespread rain has been reported from north Punjab, the upper North-West Frontier Province and East Pakistan and scattered from the lower North-West Frontier province and the south Punjab.

Chief amounts of rainfall are :—Sirajganj, Cherat 2" each; Jhelum 1½", Jessore, Sialkot, Rawalpindi, Murree 1" each; Chakdara ¾"; Mymensingh, Bogra ½" each and Satkhira, Rangpur, Khushab, Drosh, Peshawar, Parachinar and Landikotal ¼" each.

Night temperatures were markedly to considerably above normal in the north Punjab, adjoining North-West Frontier Province and East Pakistan.

Forecast valid until the evening of 27th :—Fairly widespread and locally moderate to heavy rain in East Pakistan. Fairly widespread rain and a few falls of snow in Kashmir, the upper North-West Frontier Province and the extreme north Punjab. Scattered rain also likely plains of the north Punjab and lower North-West Frontier Province. There will be appreciable to marked fall in night temperatures in the Punjab and East Pakistan.

Karachi-11.
The 26th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal: TxTx	TnTn	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 73	0 00 00	94 00 0	130 80	0 0 9 9 0	- - - 89	000 71	0 00 00	97 00 0	135 84	0 0 9 9 0	- - - 70	+ 6	+ 6	0.1	- 3.0	121.6	140
	Chittagong	000 77	5 34 05	96 02 2	133 79	2 8 6 2 0	9 × × 88	000 71	6 02 02	97 02 1	130 76	4 8 6 7 0	0 × 9 72	+ 6	+10	0	- 2.1	134.5	108
	Noakhali							000 65	5 06 00	94 01 1	××× 75	3 8 4 2 2	- - - 71		+ 9	0.6	- 0.9	—	115
	Comilla	000 67	8 00 00	97 03 2	136 79	8 5 7 0 0	- - - 80	000 62	6 05 05	98 01 1	133 72	4 2 7 8 0	- - - 68	- 3	+ 8	0.7	- 0.6	131.9	94
	Brahmanbaria							000 67	6 36 05	97 03 1	144 75	6 5 5 0 0	- - - 66	—	—	0	- 1.0	65.5	78
	Dacca	××× 72	8 00 00	×× 02 2	139 75	3 4 6 2 1	5 × × 81												—
	Narayanganj	000 65	2 00 00	×× 13 2	127 76	0 0 9 0 7	9 0 × 82	000 62	8 00 00	98 03 2	145 62	0 0 9 0 7	- - - 70	0	+ 8	0	- 0.9	88.8	74
	Mymensingh	000 65	8 00 00	98 02 2	143 76	8 4 7 - -	- - - 80	004 67	8 00 00	95 00 0	109 69	8 6 5 - -	0 × × 61	- 1	0	2.9	+ 2.0	64.6	91
	Srimangal	001 73	8 00 00	×× 03 6	134 74	8 5 5 - -	6 × × 82	002 66	7 05 02	96 02 0	140 71	4 8 6 3 1	9 5 6 67	- 3	+12	0.2	- 1.2	105.4	98
	Khulna	000 67	8 00 00	96 02 2	144 74	8 8 7 - -	- - - 79	000 58	8 36 03	96 02 2	171 64	8 7 7 - -	- - - 64	- 3	+ 5	0	- 1.1	53.4	63
	Satkhira	000 77	8 00 00	97 03 5	144 75	6 9 7 6 0	- - - 78	021 60	8 31 03	96 58 2	158 63	7 9 6 6 0	- - - 62	- 6	+ 5	0.2	- 0.5	44.7	65
	Jessore	000 68	8 00 00	×× 02 5	143 74	8 4 6 0 0	4 × × 80	100 61	8 36 05	96 60 5	157 63	8 7 6 0 0	4 × × 61			1.0	+ 0.1	46.9	65
	Faridpur	000 67	8 00 00	95 60 2	143 74	8 6 5 0 8	3 × × 75	009 61	8 36 09	95 60 0	175 63	8 7 5 0 0	6 × × 62	- 6	+ 3	0.6	- 0.4	56.1	71
	Barisal	010 71	8 36 02	96 21 6	134 74	7 7 5 2 -	3 × × 83	010 64	7 05 03	98 02 1	144 75	2 5 6 5 9	0 5 5 69	+ 1	+ 3	0.5	- 1.0	74.0	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 65	8 00 00	×× 02 2	129 95	8 2 5 0 0	- - - 80	192 65	0 31 02	95 66 6	170 65	8 7 3 0 0	9 0 0 64	—	—	3.3	+ 2.6	69.1	64
	Bogra							065 65	8 00 00	95 61 6	160 66	8 7 4 0 0	8 × × 64		+ 5	1.8	- 1.1	46.8	69
	Dinajpur	000 64	6 00 00	×× 02 2	150 74	4 4 7 4 0	- - - 79	010 63	8 00 00	95 02 2	174 66	8 4 7 0 0	- - - 62	- 2	+ 5	0.1	- 0.3	48.7	72
	Rangpur	000 ××	0 00 00	×× 09 1	— —	0 0 9 0 0	- - - -	034 ××	8 09 02	95 55 6	— —	8 5 8 9 0	- - - -	—		0.7	+ 0.3	78.9	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 56	4 20 04	96 01 0	123 63	0 0 9 9 0	0 0 8 67	000 54	8 00 00	96 03 0	165 55	8 7 8 0 0	- - - 13	-11	+18	0.4	+ 0.3	10.5	12
	Lahore	006 57	3 13 02	96 01 6	138 65	3 8 6 3 0	9 × × 67	006 50	8 00 00	95 10 2	166 57	0 0 9 2 0	6 × 9 56	-13	+13	1.3	+ 1.3	16.0	19
	Sialkot	118 58	6 09 05	97 03 6	126 62	6 5 5 - -	8 9 9 62	118 53	6 00 00	97 03 1	176 60	3 2 6 4 0	- - - 56	-15	+10	1.0	+ 1.8	20.7	32
	Jhelum	116 58	6 18 02	95 01 6	142 61	4 3 6 2 0	- - - 61	126 55	6 00 00	96 02 1	180 55	0 0 9 7 0	- - - 54	—		1.9		28.6	—
	Rawalpindi	088 53	8 16 02	96 50 5	167 54	8 2 7 - -	9 × × 56	117 54	5 00 00	96 05 6	179 55	2 5 6 3 0	9 × × 53	-18	+11	2.1	+ 1.9	27.9	36
	Murree †	080 36	9 11 23	93 61 7	000 57	9 - 3 - -	4 × × 39	094 36	7 13 03	97 02 6	971 38	5 5 5 0 4	9 1 × 33	-15	- 5	2.4	+ 1.8	47.5	59
	Attock	××× ××	6 36 05	96 50 5	— —	2 7 2 0 9	- - - -	××× ××	8 18 05	96 00 5	— —	0 0 9 7 0	- - - -	—	—	—	—	—	—
	Khushab	025 57	6 02 02	99 03 1	129 60	6 2 6 0 0	- - - 61	025 58	8 07 02	98 01 2	170 59	8 2 6 ××	- - - 57	-19	+11	0.6	+ 0.5	8.6	15
	Montgomery	000 59	7 00 00	96 01 1	123 66	7 6 6 0 0	9 × × 68	000 49	9 00 00	91 49 2	165 50	9 - 0 - -	2 × × 50	-12	+ 2	1.1	+ 1.0	7.2	10
	Leiah	000 56	4 36 03	98 02 2	120 65	0 0 9 0 3	- - - 68	000 51	0 00 00	96 00 1	178 52	0 0 9 0 0	- - - 48			0.4	—	6.9	8
	Multan	000 50	0 31 05	97 00 0	134 70	0 0 9 0 0	- - - 72	000 51	0 00 00	95 00 0	181 58	0 0 9 0 0	- - - 50	- 3	+ 3	0	0	0.9	7
	Khanpur	000 52	0 11 02	95 04 0	128 76	0 0 9 0 0	- - - 77	000 50	2 07 03	95 04 0	174 52	0 0 9 0 5	0 9 × 49	- 6	+ 2	0.1	0	2.1	6
	Bahawalpur	007 55	0 00 00	97 00 0	129 71	0 0 9 0 0	- - - 75	000 51	0 00 00	95 00 1	174 52	0 0 9 0 0	0 0 0 50	- 6	+ 1	0.1	+ 0.1	4.6	6
	Fort Abbas	000 54	0 23 00	96 00 1	129 68	0 0 9 0 0	- - - 96	000 35	0 23 00	96 00 0	170 60	0 0 9 0 0	- - - 40	—	—	1.3	—	6.0	8
N. W. F. P.	Drosh *	012 38	8 00 00	97 02 2	983 50	4 5 5 2 -	- - - 51	035 43	6 00 00	97 02 6	030 44	6 7 2 0 0	9 × × 43	-11	+ 2	1.1	—	23.8	13
	Chakdara	017 51	8 00 00	97 61 5	144 54	8 6 2 2 -	- - - 55	070 50	6 00 00	98 01 5	170 52	6 5 6 0 0	2 9 9 51			1.2	—	21.5	—
	Cherat *	091 44	8 36 10	92 60 6	001 44	0 0 9 9 0	3 × 9 55	196 45	9 31 10	00 45 4	019 45	9 - 0 - -	3 × × 43	- 8	- 3	2.8	+ 2.6	31.7	29
	Peshawar							023 54	7 00 00	97 02 6	181 56	8 5 6 7 0	9 × × 54		+ 9	0.8	+ 0.6	9.9	14
	Parachinar	000 39	6 13 02	96 02 2	941 58	2 2 7 6 0	5 × 7 54	000 39	4 36 02	99 02 2	969 40	2 1 5 6 0	2 × 9 38	- 7	+ 2	1.0	—	29.6	29
	Miranshah	000 47	7 11 01	98 03 2	989 57	7 5 6 6 0	- - - 59	000 43	1 00 00	98 01 1	020 41	1 0 8 6 0	- - - 43	—	-	0.5	+ 0.5	11.0	13
	Bannu	000 58	5 00 00	99 01 1	141 59	0 0 9 6 0	- - - 63	000 97	0 29 02	99 00 0	155 52	0 0 9 0 0	- - - 48	—	—	0.5	-	6.3	11
	D. I. Khan	000 57	0 05 02	94 00 0	129 ××	0 0 9 0 0	- - - 63	000 46	0 00 00	94 00 0	165 50	0 0 9 0 0	- - - 49	-16	+ 5	0	- 0.1	2.3	9
	Wana																		11
	Landikotal	016 47	8 13 03	95 60 6	994 49	8 9 5 0 0	9 0 0 50	018 48	7 00 00	98 02 0	014 48	7 4 5 6 0	- - - 46	—	—	0.9	—	12.8	—
	Hangu	××× ××	6 09 09	97 01 6	— —	0 0 9 4 0	- - - -	××× ××	2 00 00	97 01 1	— —	0 0 9 5 0	- - - -	—	—	—	—	—	—
	Thall	××× ××	× 18 09	98 59 6	× - × - ×	× × × × ×	- - - -	××× ××	× 36 00	98 03 1	— —	2 8 7 2 0	- - - -	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman *	000 37	0 00 00	96 05 0	980 59	0 0 9 0 0	- - - 61	025 41	0 18 02	97 05 0	028 46	0 0 9 0 0	- - - 41	- 6	+ 6	0.3	+ 0.2	10.2	11
	Hindubagh	000 09	0 23 18	98 00 0	959 52	0 0 9 0 0	- - - 51	000 07	3 23 09	97 03 1	985 41	0 0 9 0 7	8 6 × 40	-	—	0	—	9.0	—
	Loralai	000 70	0 31 02	97 00 0	955 61	0 0 9 0 0	- - - 63	010 14	0 27 05	98 00 0	028 34	0 0 9 0 0	- - - 35	—	—	0.1	—	8.6	—
	Harnai (a)	000 ××	0 05 02	96 00 0	— —	0 0 9 0 0	- - - -	009 ××	0 27 05	95 00 0	— —	0 0 9 0 0	- - - -	—	—	0.1	- 0.1	10.7	14
	Sibi	000 31	0 23 05	99 00 0	116 77	0 0 9 0 0	- - - 78	000 33	4 00 00	98 03 0	169 47	0 0 9 0 ×	1 9 × 47	—	—	0	—	3.8	9
	Quetta †	000 30	0 24 07	99 00 0	901 53	0 0 9 0 0	- - - 55	006 26	0 00 00	98 10 0	975 32	0 0 9 0 0	- - - 28	—	-	0.1	- 0.1	9.4	9
	Chaman	000 39	0 29 02	97 00 0	011 58	0 0 9 0 0	- - - 60	000 27	0 13 03	97 00 0	045 40	0 0 9 0 0	- - - 39	- 6	- 1	0	- 0.1	9.6	8
	Nushki	000 27	0 29 09	97 00 0	070 63	0 0 9 0 0	- - - 64	006 20	0 05 16	96 00 0	092 50	0 0 9 0 0	- - - 44	—	—	0	—	5.4	—
	Dalbandin *	000 27	1 00 00	96 02 5	020 66	0 0 9 0 1	- - - ××	000 19	1 00 00	96 03 0	032 37	0 0 9 0 2	- - - 35	—	+ 1	0	0	1.8	4
	Nokkundi	000 15	6 00 00	99 03 0	136 74	0 0 9 0 1	0 9 × 75	000 17	2 02 02	99 03 0	202 45	×× × - ×	0 0 2 41	—	—	0	—	1.0	2
	Kalat †	007 38	0 31 05	98 03 8	980 38	0 0 9 0 0	- - - 51	000 11	0 18 05	98 00 0	997 27	0 0 9 0 0	- - - 25	-10	- 3	1 5	+ 0.4	10.2	7
	Turbat	006 33	0 04 02	97 00 0	124 83	0 0 9 0 0	- - - 87	000 28	0 10 02	95 00 0	××× 60	0 0 9 0 0	- - - 53		—	0		1.4	—
	Panjgur *																		5
	Las Bela	000 61	0 00 00	99 00 0	115 86	0 0 9 0 0	- - - 88	000 46	0 00 00	98 00 0	169 69	0 0 9 0 0	- - - 48	—	-	0	—	1.7	8
	Ormara	000 63	0 27 05	98 00 0	122 80	0 0 9 0 0	- - - 81	000 51	0 05 02	98 00 0	149 64	0 0 9 0 0	- - - 56	—	—	0	0	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 53	0 31 05	96 00 0	125 76	0 0 9 0 0	- - - 80	000 46	0 05 05	96 00 0	173 50	0 0 9 0 0	- - - 46	—	—	0	—	2.2	—
	Jacobabad	000 38	0 18 02	98 00 0	122 78	0 0 9 0 0	- - - 81	000 47	0 13 07	98 03 1	172 57	0 0 9 0 5	- - - 50	- 1	0	0	0	0.7	4
	Sukkur	000 53	0 18 ××	96 00 0	122 76	0 0 9 0 0	- - - 81	000 49	6 09 ××	96 03 1	164 56	0 0 9 0 6	4 6 × 54			0	—	1.0	4
	Padidan	000 42	0 00 00	98 00 0	124 80	0 0 9 0 0	- - - 81	000 45	2 00 00	98 01 0	166 50	0 0 9 0 1	- - - 45	—	—	0	—	0.9	—
	Karachi (*Manora*)	009 60	0 25 05	99 00 0	122 78	0 0 9 0 0	× 0 1 81	009 57	2 00 00	94 05 1	153 66	0 0 9 0 1	0 9 × 65	- 1	+ 2	0.1	0	1.7	3
	Karachi (*A. P.*)	000 55	0 25 09	98 06 0	121 80	0 0 9 9 0	- - - 85	000 48	1 00 00	97 03 0	157 60	0 0 9 0 1	- - - 56	—	-	0		3.0	—
	Badin	000 60	0 23 02	97 00 0	127 86		- - - 89	000 51	0 13 02	97 00 0	155 60	0 0 9 0 0	- - - 56	- 2	0	0 9	+ 0 7	7.8	9
	Nagarparkar																		—
	Chhor (*Tharparkar*)	000 64	0 31 03	97 00 0	113 81	0 0 9 0 0	- - - 86	000 56	0 00 00	97 00 0	160 60	0 0 9 0 0	- - - 55		-	0	—	2.3	—
	Hyderabad	000 52	0 00 00	97 00 0	121 82	0 0 9 0 0	- - - 86	000 48	4 36 02	96 01 0	160 61	0 0 9 0 1	- - - 57	+ 1	+ 2	0	0	2.0	7
Junagarh	Veraval																		29
Afghanistan	Kabul																		13
	Jalalabad	000 54	1 00 00	97 03 1	014 64	0 0 9 7 0	3 × 9 67	022 52	8 00 00	96 50 6	017 53	8 5 6 - -	9 × × 45	-	—	0.3	—	7.3	—
	Kandahar							000 22	2 00 00	97 01 1	027 31	0 0 9 0 2	- - - 28		—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 26TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_tbC_mC_H$	$W_1D_HD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_tbC_mC_H$	$W_1D_HD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 52 to date	Departure from normal	Since 1st Jan. 52 to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12
Arabia	Muscat	000 67	0 81 09	89 00 0	146 78	0 0 9 0 0	× 0 0 78	000 58	0 28 02	99 00 0	171 75	0 0 9 0 0	× 0 0 70	− 4	− 2	0	—	3.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	000 xx	1 05 05	97 00 0	135 71	— — —	— — 72	000 xx	0 00 00	97 00 0	135 69	0 0 9 0 0	— — — 59	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Strathaird	13 163	732 00	0 10 06	99 00 0	098 81	00 9 00	4 7 400	—	0 51 75	—
Calangree	13 117	551 06	1 36 16	99 01 0	141 81	11 5 00	2 5 310	—	0 06 57	1 03 35
British Matons	13 190	651 06	2 05 10	99 02 0	156 81	21 5 01	3 4 120	—	0 51 73	1 04 21
Jalaratna	13 128	742 12	0 29 04	98 00 0	010 80	00 9 00	—	—	—	—
Strathaird	13 127	747 12	2 30 06	90 00 0	094 85	12 6 01	4 7 615	—	0 07 59	—
British Marquis	13 188	660 12	2 03 10	99 02 0	123 81	21 6 09	3 4 300	—	—	1 62 20
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—			iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			P1P1h1h1h1		T1T1Td1Td1Tx1 etc.			5555		h1h1P1P1P1			T1T1Td1Td1Tx1 etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	010 24	155 60	000 36	241 41	854 95	190 02	700 27	097 29	509 17	569 94	801 74	799 91	555 55	349 00	170 59	668 00	126 39	446 00	029 97	575 69	009 90	484 00	659 91	813 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	09 01	11 01	26 04	22 04	—	—	—	—	—	—	33 95	—	—	—	—	—	—	No	ascent	—	—	—	—	—
Chhor	21 03	31 03	33 05	30 08	29 09	30 23	30 43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chittagong	28 06	23 04	22 03	23 09	—	—	—	—	—	—	02 10	04 06	01 03	29 05	19 07	—	05 10	—	—	—	—	—	—	—
Cox's Bazar	29 05	29 01	27 08	21 02	22 06	25 10	22 09	22 15	—	—	01 13	35 07	33 05	15 04	15 07	24 12	14 04	14 06	15 10	17 13	19 15	19 23	—	—
Dacca	34 03	31 03	24 06	25 17	25 21	25 21	—	—	—	—	32 16	33 11	34 11	—	—	—	02 14	05 17	09 19	15 10	—	—	—	—
Dalbandin	—	—	09 01	04 05	33 12	34 21	31 31	31 47	—	—	—	—	07 01	09 09	29 05	26 19	—	—	08 05	05 12	36 14	32 15	31 32	—
Drosh	—	—	—	—	16 01	01 06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fort Sandeman	—	—	—	26 08	30 09	34 15	—	—	—	—	—	—	—	25 07	32 08	31 13	—	—	—	—	—	—	—	—
Jacobabad	26 01	27 02	27 05	29 07	30 11	31 21	32 27	33 43	—	—	06 03	04 01	26 01	31 02	34 02	—	11 12	14 01	30 01	29 03	22 06	29 13	33 27	—
Jhelum	14 08	16 20	17 20	17 19	—	—	—	—	—	—	—	—	—	—	—	—	09 06	13 10	11 10	09 03	11 10	11 09	—	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	19 01	22 01	25 01	28 02	31 07	32 17	31 30	30 49	32 69	32 89	27 05	25 03	17 03	17 03	35 09	32 15	32 08	29 06	21 06	06 02	05 06	32 13	33 23	—
Khanpur	25 04	29 07	29 10	27 11	28 13	29 20	30 33	31 44	—	—	17 04	17 03	27 09	23 12	28 11	29 18	07 12	23 06	31 06	29 13	29 12	29 21	31 24	—
Lahore	19 03	19 12	21 03	24 11	—	—	—	—	—	—	—	—	—	—	—	—	18 02	—	—	—	—	—	—	—
Multan	30 05	31 05	31 10	29 18	30 15	23 26	—	—	—	—	02 14	35 09	27 06	26 14	30 18	34 15	—	—	—	—	—	—	—	—
Peshawar	..	—		No	ascent		—	—	—	—	—	34 02	01 05	—	—	—	—	06 31	03 06	01 06	—	—	—	—
Quetta					30 11	32 20	33 28	32 42	—	—	—	—	No	ascent	—	—	—	—			—	—	—	—
Bushire						—					—	—			—						—		—	—
Sharjah						—																	—	

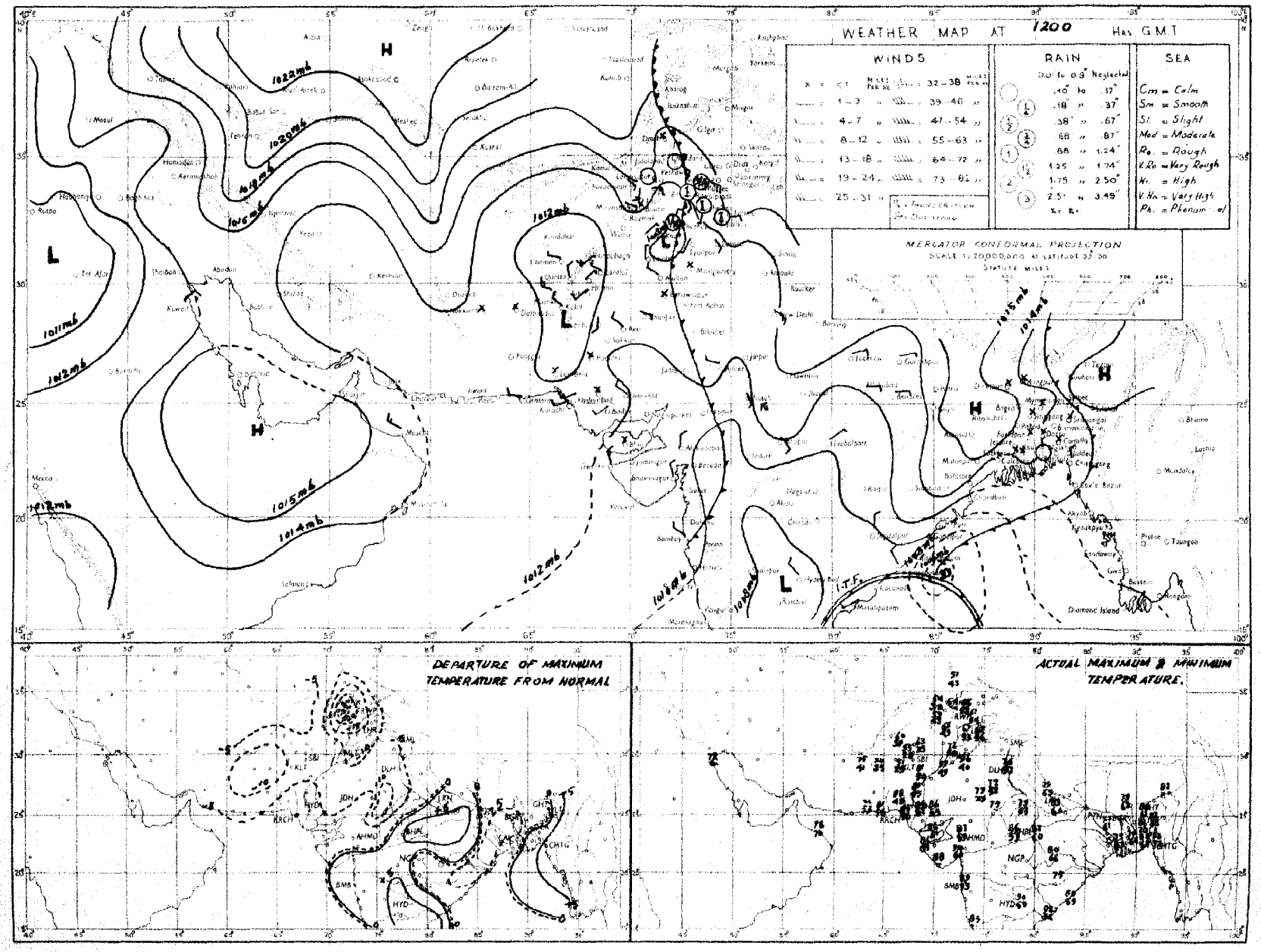
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5, and 9.3, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

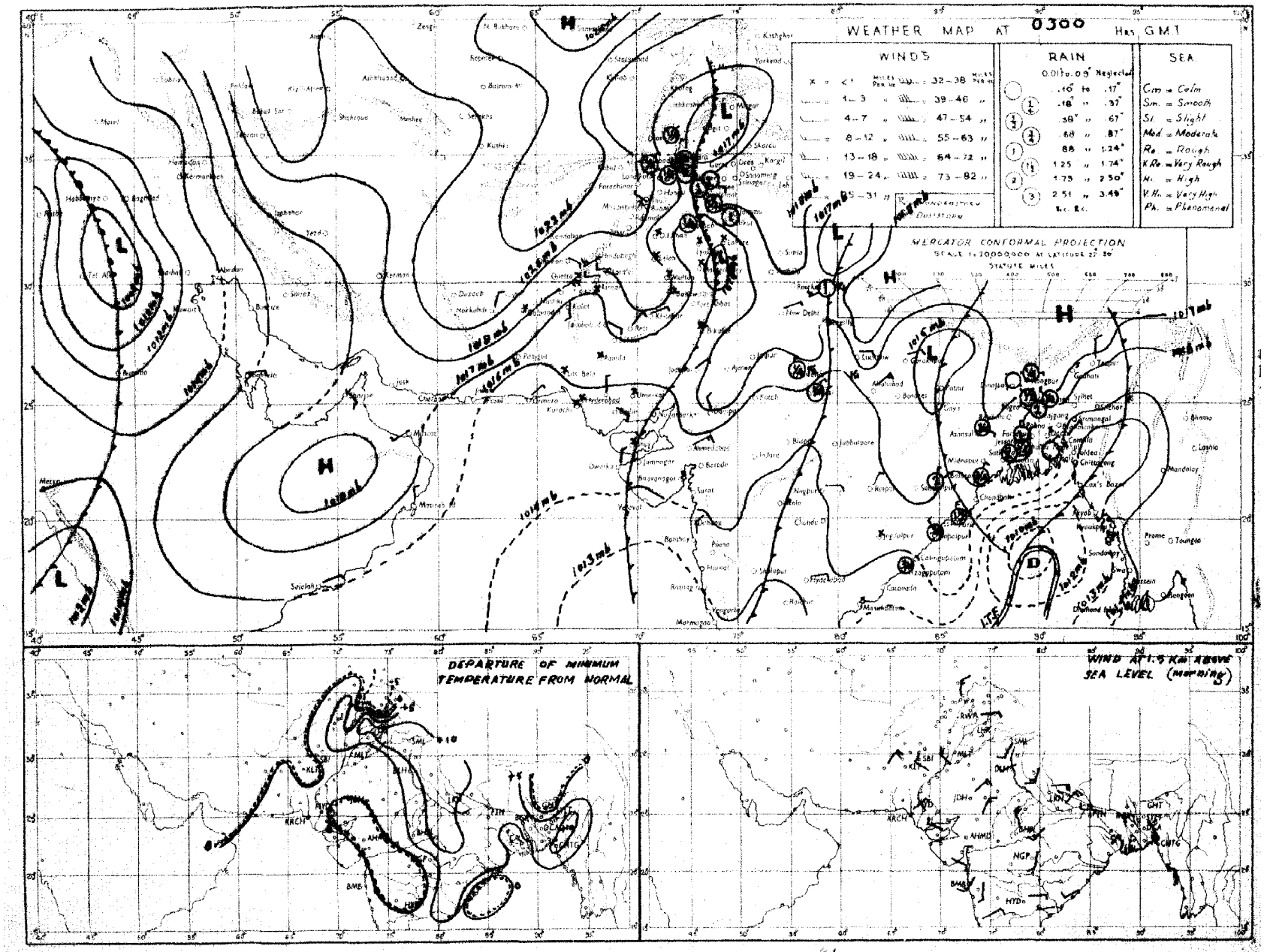
SUNDAY 25th. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

MONDAY 26th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR TUESDAY, THE 27th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance over the extreme north of West Pakistan has filled up.

The western disturbance bordering Iraq moved eastnortheastwards and now lies over north-west Iran. Its associated trough extends from head Persian Gulf to southern Red Sea.

The depression in north Bay of Bengal has filled up.

Fairly widespread rain has occurred in East Pakistan and scattered thundershowers in the extreme north Punjab.

Chief amounts of rainfall are :—Brahmanbaria and Srimangal 1" each ; Comilla, Khulna, Barisal and Faridpur ½" each and Murree ¼".

Night temperatures were appreciably to markedly above normal in the north Punjab and East Pakistan and appreciably below normal in northeast Baluchistan.

Forecast valid until the evening of 28th :—Scattered rain/thunderstorms will occur in East Pakistan.

There will be appreciable rise in night temperatures in Baluchistan and the North-West Frontier Province.

Karachi-11.
The 27th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
DIVISION	STATION	BRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$ D$_H$D$_M$T$_x$T$_x$	RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_n$T$_n$	T$_x$T$_x$	T$_n$T$_n$	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	005 70	8 00 00	04 03 6	125 75	* 6 5 2 0	2 × ● 88	015 69	2 00 00	97 00 0	142 75	1 1 7 3 0	9 × 0 69	+ 5	+ 5	0.5	- 2.9	121.7	140
	Chittagong	000 65	8 07 09	92 50 :	122 70	7 8 6 7 0	0 × 9 83	000 66	8 05 02	97 00 0	144 72	8 8 6 0 0	- - - 68	+ 2	+ 6	0	- 2.1	134.5	108
	Noakhali	008 60	8 00 00	93 61 6	××× 68	6 3 5 2 -	- - - 84	010 61	4 00 00	94 01 8	××× 64	3 3 5 2 0	- - - 68	+ 3	+ 6	0.7	- 0.8	—	115
	Comilla	075 66	8 00 00	96 03 6	125 68	8 5 7 0 0	3 0 0 69	075 67	8 36 05	98 03 2	142 70	8 5 7 0 0	- - - 67	-13	+ 7	1.4	+ 1.1	132.6	94
	Brahmanbaria	088 67	8 00 00	95 61 6	139 67	8 5 5 0 0	6 × × 75	088 66	4 05 02	97 03 1	146 70	4 5 5 0 0	- - - 65	—	—	0.9	- 0.2	66.4	78
	Dacca	××× 67	8 00 00	×× 63 6	123 68	7 7 3 2 -	6 × × 79	××× 67	5 00 00	96 01 6	142 71	5 8 4 0 0	3 × × 65	—	—	—	—	—	—
	Narayanganj	072 68	8 05 02	×× 03 6	111 69	8 5 5 - -	9 × × 72	072 65	6 31 02	95 03 6	138 71	6 4 5 - -	9 × 0 65	- 9	+ 3	0.7	- 0.2	89.5	74
	Mymensingh	015 66	8 00 00	95 00 6	127 72	8 6 5 - -	8 × × 78	015 65	8 00 00	97 02 2	149 68	8 4 7 - -	0 × × 60	- 2	- 1	3.0	+ 2.2	64.8	91
	Srimangal	119 65	8 00 00	×× 60 6	129 65	8 5 6 - -	6 2 6 77	119 67	6 00 09	97 02 6	147 68	5 8 5 3 0	9 × 3 65	- 8	+10	1.4	0	106.6	98
	Khulna	077 65	8 00 00	96 03 6	125 67	8 7 6 - -	6 × × 76	077 63	3 00 00	98 01 0	152 74	3 8 8 0 0	- - - 63	-14	+ 4	0.8	- 0.3	54.2	68
	Satkhira																		65
	Jessore	005 66	8 00 00	96 03 6	135 68	8 7 6 0 0	7 × 1 69	005 63	6 05 03	97 02 2	146 70	6 8 8 0 0	- - - 62		—	1.1	+ 0.1	47.0	65
	Faridpur	085 66	8 00 00	95 03 6	140 68	8 7 5 0 0	3 × × 68	087 65	6 00 00	96 02 1	135 69	6 4 6 0 0	5 × × 62	-12	+ 3	1.5	+ 0 4	57.0	71
	Barisal	070 67	8 29 02	96 02 6	122 68	6 7 5 2 -	6 × × 76	070 68	5 31 02	99 01 2	146 70	5 2 5 0 0	- - - 66	- 5	+ 5	1.2	- 1.3	74.7	81
	Pabna																		59
	Rampur Boalia	000 66	8 00 00	×× 02 2	124 69	8 2 5 0 0	- - - 79	000 64	8 31 02	96 02 2	150 67	8 2 5 - -	- - - 63		—	3.3	+ 2.6	69.1	56
	Sirajganj	014 66	6 00 00	96 01 6	124 69	6 7 6 0 0	- - - 75	014 61	8 31 02	94 42 4	152 64	8 6 5 - -	- - - 61	+ 5	+ 2	2.0	+ 1.2	46.9	64
	Bogra	000 63	0 00 00	×× 00 2	143 70	0 0 9 0 0	1 0 0 --	000 62	8 00 00	96 02 2	164 65	8 4 7 0 0	- - - 58	—	+ 1	0.1	- 0.3	48.7	69
	Dinajpur	010 ××	0 00 00	×× 02 5	-- —	0 0 9 0 0	9 0 0 --	010 ××	8 07 02	98 02 1	- —	8 5 8 0 0	- - -			0.8	+ 0 4	80.0	72
	Rangpur																		84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 56	2 20 02	96 01 0	166 63	0 0 9 3 0	- - - 65	000 48	0 00 00	92 11 4	179 50	0 0 9 0 0	9 × × 48	-11	+ 3	0.4	+ 0.3	10.5	12
	Lahore	000 50	2 08 02	96 01 1	168 62	2 1 7 0 0	8 × × 66	000 52	0 27 02	95 10 0	185 53	0 0 9 0 0	- - - 50	-12	+ 7	1.3	+ 1.2	16.0	19
	Sialkot	000 56	4 09 02	97 02 1	171 65	3 4 6 0 2	- - - 68	000 51	0 00 00	97 01 1	179 55	0 0 9 0 0	- - - 51	- 7	+ 5	1.0	+ 1 8	20.7	32
	Jhelum	000 52	2 09 02	97 01 1	175 65	2 2 7 0 0	- - - 69	000 50	0 36 02	98 00 0	187 54	0 0 9 0 0	- - - 50	—		1.9		28.6	—
	Rawalpindi	000 46	3 00 00	99 01 1	178 59	0 0 9 3 0	- - - 61	000 44	0 00 00	93 11 1	196 86	0 0 9 0 0	- - - 44	-11	+ 3	2.1	+ 1 9	27.9	36
	Murree †	023 36	3 09 08	98 01 9	975 36	3 1 4 0 0	- - - 41	023 25	0 13 03	98 00 1	971 41	0 0 9 0 0	9 × × 34	-12	- 4	2.6	+ 2.0	47.7	59
	Attock	××× ××	1 00 00	97 01 5	- -	1 7 6 0 0	6 × 0 --	××× ××	0 00 00	96 00 0	— -	0 0 9 0 0	- - - --					—	—
	Khushab	000 57	2 11 02	99 01 1	167 67	2 1 6 0 0	- - - 70	000 50	0 23 05	99 00 0	164 50	0 0 9 0 0	- - - 51	- 8	+ 5	0.6	+ 0.5	8.6	15
	Montgomery	000 56	3 00 00	96 01 2	171 60	3 3 6 0 0	9 × × 60	000 47	0 00 00	96 00 0	185 49	0 0 9 0 0	- - - 48	-18	0	1.1	+ 1.0	7.2	10
	Leiah	000 54	0 26 02	97 00 0	167 70	0 0 9 0 0	- - - 70	000 40	0 00 00	96 00 0	201 50	0 0 9 0 0	- - - 48			0 4	—	6.9	8
	Multan	000 51	0 36 05	97 00 0	165 71	0 0 9 0 0	- - - 72	000 50	0 00 00	95 00 0	104 52	0 0 9 0 0	- - - 50	- 5	+ 3	0	0	6.9	7
	Khanpur	000 53	2 02 03	95 04 0	163 72	0 0 9 0 1	0 9 × 75	000 48	0 02 02	95 04 0	191 51	0 0 9 0 0	- - - 57	- 0	+10	0.1	0	2.1	6
	Bahawalpur	007 54	0 00 00	97 00 0	161 71	0 0 9 0 0	- - - 73	004 48	0 00 00	97 00 0	188 50	0 0 9 0 0	- - - 46	- 6	- 1	0.1	+ 0.1	4.6	6
	Fort Abbas	000 56	0 23 03	96 00 0	166 70	0 0 9 0 0	- - - 76	00· 45	0 23 ××	95 00 1	187 55	0 0 9 0 0	- - - 37		—	1.3		5.0	8
N. W. F. P.	Drosh *	012 36	1 00 00	98 01 1	015 53	1 1 5 ? 0	- - - 60	000 30	0 00 00	97 00 0	062 41	0 0 9 0 0	- - - 39	0	- 2	1.1	-	23.8	18
	Chakdara	017 49	0 20 03	99 00 0	115 60	0 0 9 0 0	- - - 64	000 44	0 18 02	98 00 0	198 41	0 0 0 0 0	- - - 44			1.2	-	21.5	—
	Cherat *	091 48	2 27 02	97 01 1	025 48	2 2 6 0 0	6 × × 50	000 43	0 34 16	99 00 0	024 47	0 0 9 0 0	- - - 43	-11	- 3	2.8	+ 2.5	31.7	29
	Peshawar	000 53	1 00 00	97 01 1	178 62	1 1 7 0 0	- - - 67	000 48	1 00 00	97 03 1	191 51	0 0 9 3 0	- - - 47	- 4	+ 2	?.8	+ 0.5	10.0	14
	Parachinar	000 38	3 13 02	99 01 1	966 52	1 2 × 3 0	5 × 7 55	000 32	1 00 00	99 01 1	974 39	? 0 9 0 1	- - - 35	- 5	- 1	1.0		2.9	29
	Miranshah	000 49	5 13 01	98 02 1	014 60	5 0 8 6 3	- - - 61	000 42	0 00 00	99 00 0	018 46	0 0 9 0 0	- - - 43			0.5	+ 0.5	11.0	18
	Bannu	000 49	0 09 03	99 00 0	172 60	0 0 9 0 0	- - - 70	000 48	0 27 02	99 00 0	184 51	0 0 9 0 0	- - - 47	—	—	0.5		6.8	11
	D. I. Khan	000 56	0 05 02	94 00 0	169 68	0 0 9 0 0	- - - 68	000 44	0 00 00	94 00 0	196 48	0 0 9 0 0	- - - 50	- 8	+ 6	0	- 0.1	2.3	9
	Wana																		11
	Landikotal	000 50	1 05 03	99 02 1	011 54	1 2 6 0 0	- - - 60	000 44	0 00 00	99 00 0	022 47	0 0 9 0 0	- - - 39			0.9	—	12 8	—
	Hangu	××× ××	+ 11 15	98 03 1	- -	4 4 7 0 0	8 × × --	××× ××	1 29 02	99 00 1	——	0 0 9 0 1	- - - --	--	—		—		—
	Thall	××× ××	1 18 03	99 01 1	-- —	1 8 7 0 0	- - - --	××× ××	1 09 09	99 00 0	—— —	0 0 9 0 0	- - - --			—		—	—
BALUCHISTAN	Fort Sandeman *	000 34	0 00 00	97 05 0	009 62	0 0 9 0 0	- - - 66	000 33	0 00 00	97 05 0	021 44	0 0 9 0 0	- - - 36	0	+ 1	0.3	+ 0.2	10.2	11
	Hindubagh	000 19	0 27 05	98 00 0	070 60	0 0 9 0 0	- - - 70	000 10	0 00 00	98 00 0	986 36	0 0 9 0 0	- - - 30			0	—	9.0	—
	Loralai	000 18	0 13 02	96 00 1	006 58	0 0 9 0 0	- - - 65	000 17	0 00 00	96 00 0	035 33	0 0 9 0 0	- - - 31			0.1	-	8.6	—
	Harnai (a)	000 ××	0 09 02	96 00 0	- -	0 0 9 0 0	- - - --	000 ××	0 09 02	96 00 0	——	0 0 9 0 0	- - - --					—	14
	Sibi	000 40	0 13 05	99 00 0	150 75	0 0 9 0 0	- - - 78	000 35	0 00 00	98 00 0	186 64	0 0 9 0 0	- - - 48	—		0	—	3.8	5
	Quetta †	000 32	0 31 02	98 00 0	974 59	0 0 9 0 0	- - - 60	000 26	0 00 00	99 00 0	966 31	0 0 9 0 0	- - - 21			0.1	- 0.1	9 4	9
	Chaman	000 40	0 29 02	97 00 0	023 60	0 0 9 0 0	- - - 62	000 14	0 09 02	97 00 0	034 41	0 0 9 0 0	- - - 32	- 1	- 8	0	- 0.1	9.6	8
	Nushki	000 23	0 29 05	97 00 0	071 66	0 0 9 0 0	- - - 68	000 16	0 07 09	96 00 0	091 55	0 0 9 0 0	- - - 44		—	0		5.4	—
	Dalbandin *	000 31	1 09 05	96 02 1	023 66	0 0 9 0 1	- - - 68	000 15	0 05 02	96 00 0	017 39	0 0 9 0 0	- - - 34	- 1	0	0	0	1.8	4
	Nokkundi	000 37	0 00 00	99 01 1	199 73	0 0 9 0 1	9 0 × 75	000 19	1 00 00	99 03 0	188 45	0 0 9 0 1	0 0 × 42			0		1.0	2
	Kalat †	000 41	0 31 05	98 00 2	982 57	0 0 9 0 0	- - - 59	000 21	0 28 05	98 00 0	998 30	0 0 9 0 0	- - - 26	0	- 2	0 5	+ 0.3	10.2	7
	Turbat	000 27	0 04 03	97 00 0	137 85	0 0 9 0 0	- - - 88	000 32	0 08 02	96 00 0	161 60	0 0 9 0 0	- - - 54		—	0		1.4	—
	Panjgur *	000 18	1 31 03	97 03 1	005 68	0 0 9 0 1	- - - 70	000 14	0 05 07	97 00 0	013 41	0 0 9 0 0	- - - 36	+ 1	- 4	0		3.2	5
	Las Bela	000 63	0 00 00	99 00 0	136 85	0 0 9 0 0	- - - 88	000 44	0 00 00	98 00 0	169 64	0 0 9 0 0	- - - 45	—	—	0		1.7	8
	Ormara	000 65	0 13 05	98 00 0	135 78	0 0 9 0 0	- - - 79	000 55	0 00 00	98 00 0	160 61	0 0 9 0 0	- - - 57	-	—	0	0	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 46	0 36 03	96 00 0	185 76	0 0 9 0 0	- - - 77	000 45	0 36 02	96 00 0	199 52	0 0 9 0 0	- - - 47	-	—	0	—	2.2	—
	Jacobabad	000 43	1 13 02	97 01 1	149 76	0 0 9 1 0	- - - 80	000 46	0 31 03	97 00 0	190 55	0 0 9 0 0	- - - 52	+ 1	+ 2	0	0	0.7	4
	Sukkur	000 51	3 00 00	96 02 1	150 76	0 0 9 0 3	8 0 × 81	000 50	6 13 ××	96 00 0	188 56	0 0 9 0 0	6 × × 54			0	—	1.0	4
	Padidan	000 45	2 00 00	98 01 1	144 79	0 0 9 0 1	- - - 79	000 44	0 00 00	98 00 1	184 49	0 0 9 0 0	- - - 45	—	-	0	--	0.9	—
	Karachi (*Manora*)	009 64	3 07 05	99 01 1	140 80	0 0 9 0 8	0 9 × 83	000 5?	0 05 09	97 00 0	167 70	0 0 9 0 0	- - - 66	+ 2	+ 3	0.1	0	1.7	3
	Karachi (*A. P.*)	000 52	5 20 07	98 02 1	189 81	0 0 9 0 1	- - - 86	000 40	0 36 09	97 00 0	170 64	0 0 9 0 0	- - - 53	—	—	0		3.0	—
	Badin	000 57	0 05 02	97 00 0	147 83	0 0 9 0 0	- - - 88	000 48	0 05 03	97 00 0	173 60	0 0 9 0 0	- - - 51	+ 3	+ 5	0.9	+ 0.7	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 65	0 34 03	97 00 0	134 82	0 0 9 0 0	- - - 83	000 54	0 07 05	97 00 0	165 61	0 0 9 0 0	- - - 55	—	—	0	-	2.3	—
	Hyderabad	000 61	0 05 03	96 00 0	154 80	0 0 9 0 0	- - - 86	000 45	0 36 03	96 00 0	177 59	0 0 9 0 0	- - - 58	+ 3	+ 3	0	0	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 17	×× ××	99 00 0	020 54	1 8 8 0 0	- - - 56	000 25	1 25 02	98 00 0	004 33	0 0 9 1 0	- - - 30	—	—	0	—	10.6	12
	Jalalabad	000 ××	2 27 02	97 01 1	019 40	0 0 9 4 0	3 × 9 45	000 44	0 23 02	97 00 1	018 46	0 0 9 0 0	- - - 46	—	—	0.8	—	7.2	—
	Kandahar	000 41	0 00 00	98 00 0	004 61	0 0 9 0 0	- - - 65	000 25	4 00 00	97 01 1	013 31	0 0 9 0 2	- - - 26	—	—	0.3	—	7.3	—

See footnote on page 2

[P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 27TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_MC_B$	$W_1D_BD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_thC_MC_B$	$W_1D_BD_MT_nT_n$	Departure from Normal T_x T_x	T_n T_n	Rainfall. Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Jask	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6
	Mashed	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
	Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12
Arabia	Muscat	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Sharjah	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Kuwait	--	000 xx	1 09 05	97 00 0	104 74	1 9 9 0 0	- - - x4	000 xx	0 00 xx	72 90 7	155 87	0 0 9 0 4	- - -1 64	--	--	0	--	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	VQ I_a I_a I_a	I_o I_o I_o GG	N dd ff	VV ww W	PPP TT	N_h C_t hC_M C_B	D_s v_s app	S N_s Ch_s h_s	O T_s T_s T_d T_d	$1d_wd_wF_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Marquis	23 157	696 12	5 02 13	98 01 1	108 83	39 5 02	3 4 300	--	0 02 74	1 08 22
Jaladuta	25 096	762 12	2 31 06	98 02 0	087 83	22 x 00	--	8 3 308	0 51 76	1 28 x0
British Marquis	23 150	705 18	2 04 15	98 01 1	117 82	23 5 00	3 4 110	--	9 00 73	1 04 xx
Jalaratna	24 098	739 12	2 26 02	98 01 0	092 87	00 9 48	--	--	--	--
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)
of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTzoX1X2	P1P1h1h1h1	T1T1Td1Td1I1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1I1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 15	012 23	125 60	000 42	231 15	855 01	150 21	700 36	106 76

STATION	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	507 26	569 94	555 55	109 82	240 42	349 00	180 33	678 00	135 97	456 00	029 97	624 00	700 91	803 70	749 91	157 48

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. nnn—Height in thousands, hundreds and tens of feet
nn—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30
	2	3	4	5	6	7	8	9	10	11
Bogra	32 07	33 13	--	--	--	--	--	--	--	--
Dhlor	36 06	35 09	36 06	01 03	01 06	33 13	32 19	31 37	--	--
Chittagong	32 21	32 21	20 08	18 21		--	--	--	--	--
Cox's Bazar	25 10	22 71	22 14	22 16	22 18	22 23	--	--	--	--
Dacca	07 04		--				--	--	--	--
Dalbandin	--	--	09 03	34 03	36 09	33 19	32 28	31 45	--	--
Deesh		--	--		22 06	13 06	32 16	32 30	--	--
Fort Sandeman				24 01	27 09	34 16	32 31	31 55		--
Jacobabad	15 03	09 05	25 06	29 04	33 07	32 13	30 30	31 63	21 09	35 86
Jhelum	21 01	15 02	15 06	15 06	16 07	28 06	31 19	31 27	31 51	--
Jiwani										
Karachi	20 04	24 01	15 01	15 05	23 06	32 10	34 32	31 33	31 38	32 56
Khanpur	03 01	33 04	31 04	29 10	30 14	30 15	31 39	31 57	--	
Lahore	07 08	04 12	08 09		--		--	--	--	--
Multan	33 05	32 08	32 09	34 10	35 04	30 13	32 37		--	--
Peshawar		06 04	01 04	35 10	34 19	32 22	33 23	33 44	32 64	32 11
Quetta					33 09	31 10	31 32	31 40	30 54	30 02
Bushire										
Sharjah										

STATION	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	31 98	30 09	35 07	33 05	--	--	--	--	--	--	--	--	--	--
Dhlor			--	-	--	--	09 19	03 17	07 13	36 13	01 13	34 09	33 25	--
Chittagong	35 06	34 05		--		--	34 09	30 03	22 06	--		--	--	
Cox's Bazar	34 03	32 04	23 10	26 09	24 08	24 17	36 11	05 07	30 06	25 10	24 10	23 10	--	
Dacca	33 06	36 11	05 01	--			27 01	28 01	29 01		--	--	--	--
Dalbandin	--		07 07	02 05	21 04	30 13			08 05	32 07	27 04	24 13	29 35	29 34
Deesh	-		--	11 03	02 04	36 13	-	-	--	--	04 08	36 18	34 07	30 45
Fort Sandeman			-	06 04	29 01	24 10	-	-		23 02	20 09	25 18	29 20	31 57
Jacobabad	10 17	10 08	29 01	28 01	26 06	22 13	11 14	11 08	38 04	27 05	26 08	29 13	31 24	
Jhelum	32 07	33 09	32 10	32 10	34 09	34 04	32 04	33 13	33 11	31 12	31 08	33 12	32 23	31 39
Jiwani														
Karachi	38 08	09 09	10 08	10 07	08 03	26 10	07 21	06 12	07 05	03 04	34 05	33 19	--	--
Khanpur	03 10	04 08	02 06	31 09	03 07	33 13	05 08	03 07	02 06	01 06	01 02	37 08	31 31	21 48
Lahore	34 12	01 13	01 10	36 09	36 09	01 09	33 09	32 14	33 03	33 08	33 07	33 17	34 13	--
Multan	01 06	36 07	35 07	01 06	30 08	32 13	31 05	03 06	07 04	33 07	--	--		
Peshawar	--	27 02	34 04	34 07	01 03	31 24	--	03 04	32 02	28 07	32 07	31 18	25 17	30 25
Quetta		--	No	ascent	--	--	--	--			17 03	26 17	29 31	--
Bushire	-				--						-	--		--
Sharjah														

Cloud Observation Data (iiiGG Cddv, v,)

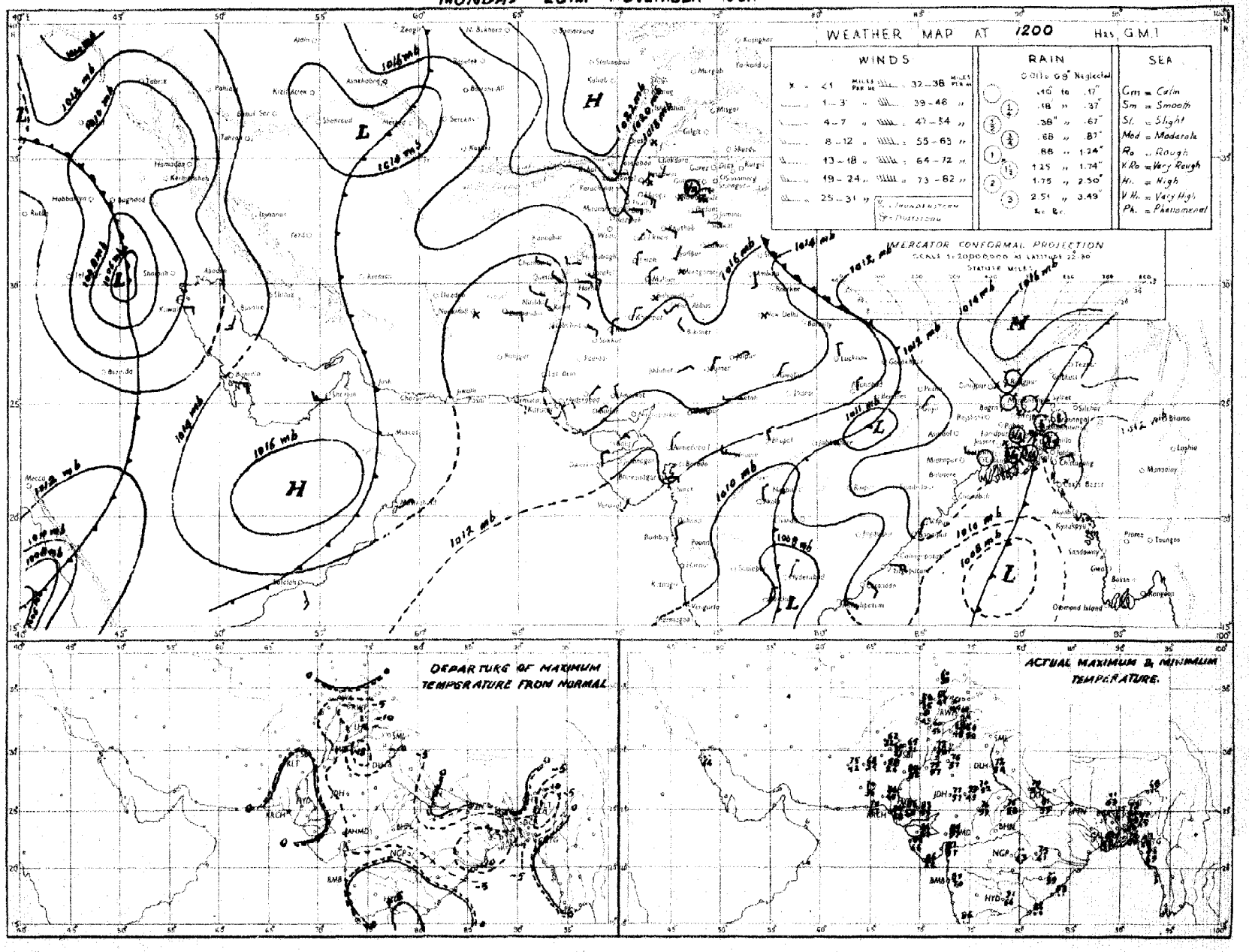
Cox's Bazar 95008 42912

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
††The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

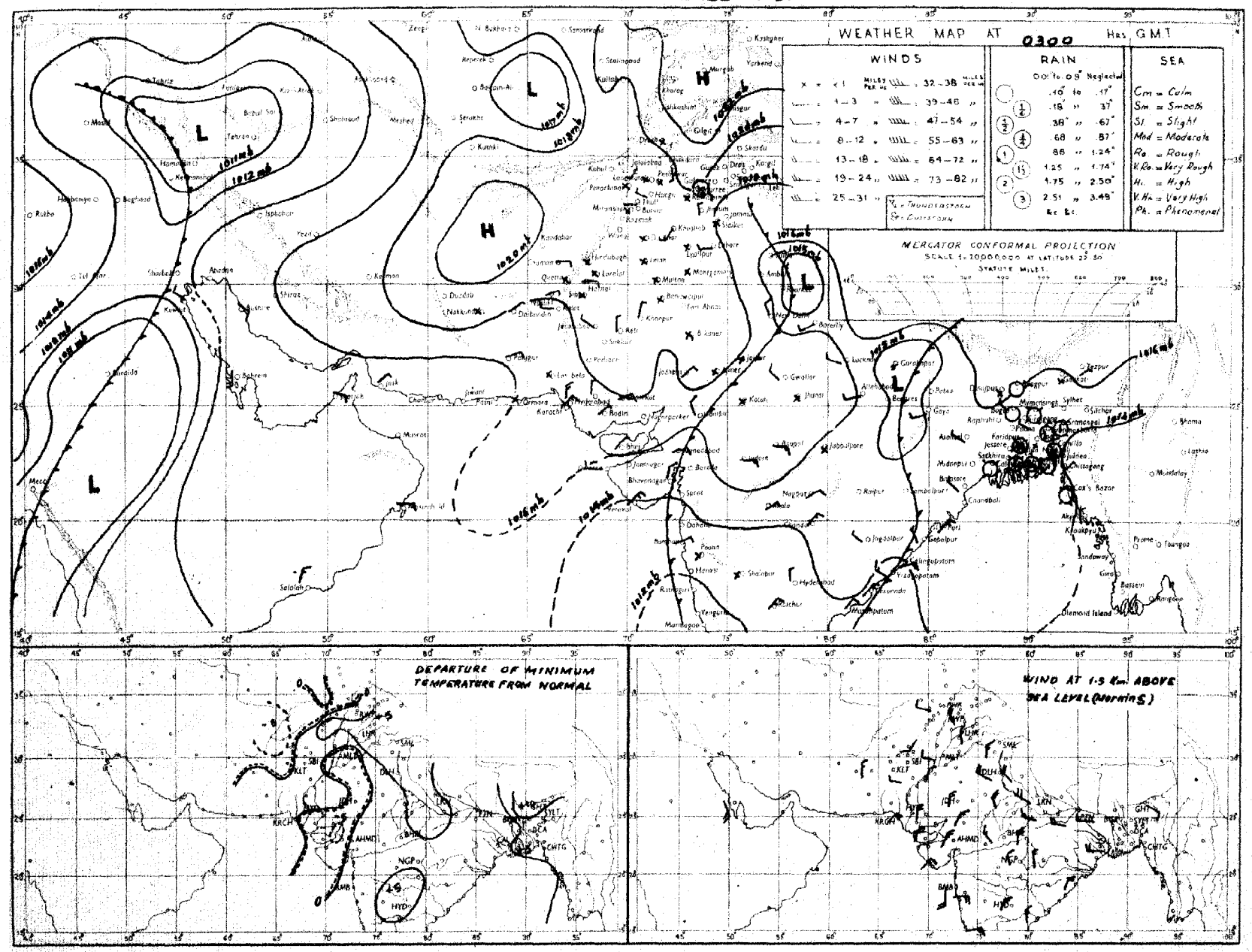
MONDAY 26th. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 27th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR WEDNESDAY, THE 28th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low lies over Iran.

A western disturbance is also moving eastwards across Russian Turkistan.

Scattered rain has occurred in East Pakistan. Dinajpur and Rangpur reported ½" rain each.

Night temperatures were appreciably above normal in the plains of Punjab.

Forecast valid until the evening of 29th :—Weather will be cloudy with scattered rain/drizzle in northeast Baluchistan, the North-West Frontier Province and Kashmir.

Karachi-11.
The 28th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal TxTx	TnTn	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 68	3 00 00	95 01 1	121 76	2 2 7 4 0	1 × 0 83	000 67	1 00 00	97 01 1	163 72	1 1 8 0 0	× 0 0 65	0	+ 1	0.3	− 2.9	121.7	140
	Chittagong	000 66	0 31 05	96 00 1	118 74	0 0 9 0 0	− − − 83	000 65	0 02 09	97 00 0	171 73	0 0 9 0 0	× 3 2 63	+ 2	+ 1	0	− 2.1	134.5	108
	Noakhali	000 65	4 00 00	96 ×× 1	××× 73	4 2 5 0 0	− − − 84	000 61	4 00 00	94 01 4	××× 64	8 2 5 2 0	− − − ××	+ 3	+ 6	0.7	− 0.8	—	115
	Comilla	000 69	1 00 00	97 00 1	121 71	1 1 7 0 0	− − − 72	000 66	0 31 05	98 00 4	174 68	0 0 9 0 0	− − − 67	−10	1 7	1.4	+ 0.1	132.6	94
	Brahmanbaria	000 73	4 00 00	×× 03 1	126 73	4 4 5 0 0	− − − ××	000 67	0 00 00	97 00 1	177 71	0 0 9 0 0	− − − 64	-	−	0.9	− 0.2	66.4	78
	Dacca	××× 64	0 00 00	×× 00 2	121 68	0 0 9 0 0	− − − 77	000 66	1 00 00	96 02 1	175 70	1 1 7 0 0	9 × × 66	—	—	—	—	—	—
	Narayanganj	000 65	3 00 00	×× 01 2	109 71	0 0 9 0 8	9 0 × 78	000 63	1 05 02	95 02 2	164 70	1 0 7 8 0	− − − 63	0	+ 1	0.7	− 0.2	89.5	74
	Mymensingh	000 65	0 00 00	99 00 2	124 73	0 0 9 0 0	− − − 80	000 59	8 09 02	95 02 1	188 66	8 4 7 − −	− − − 60	− 9	− 1	3.0	+ 2.2	64.8	91
	Srimangal	000 67	3 00 00	×× 01 1	118 69	3 2 6 0 0	− − − 76	000 67	1 00 00	96 02 1	187 72	1 2 6 0 0	− − − 58	− 1	+ 3	1.4	0	106.6	98
	Khulna	000 65	0 00 00	97 00 0	125 73	0 0 9 0 0	− − − 80	000 65	0 36 02	98 00 0	186 73	0 0 9 0 0	− − − 64	-	+ 5	0.8	− 0.3	54.2	69
	Satkhira													-					65
	Jessore	000 66	0 00 00	×× 01 1	129 68	0 0 9 0 0	− − − 78	000 66	6 05 02	97 00 1	175 69	0 0 9 0 0	− − − 61		-	1.1	+ 0.1	47.0	65
	Faridpur	000 64	0 00 00	95 05 0	121 69	0 0 9 0 0	− − − 70	000 63	6 00 00	95 05 0	177 70	0 0 9 0 0	9 × × 62	− 10	+ 3	1.5	+ 0.4	57.0	71
	Barisal	000 66	1 34 02	97 01 1	120 73	0 0 9 2 0	− − − 77	000 67	3 00 00	98 01 1	174 70	3 4 6 0 0	− − − 64	− 4	+ 3	1.2	− 0.4	74.7	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 69	0 00 00	×× 00 0	108 69	0 0 9 0 0	− − − 73	000 62	1 00 00	97 01 1	176 67	1 6 2 0 0	− − − 60	-	—	3.3	+ 2.6	69.1	64
	Bogra	000 64	1 00 00	96 01 1	121 67	1 1 7 0 0	− − − 75	002 61	5 27 02	94 42 6	178 64	5 6 4 0 0	9 × × 60	+ 5	+ 1	2.0	+ 1.2	47.0	69
	Dinajpur	015 51	× ×× ××	×× 62 2	141 61	× × × × ×	9 0 0 − −	051 59	9 00 00	92 43 4	188 59	9 − 0 − −	− − − 54	—	− 3	0.6	+ 0.2	49.2	72
	Rangpur	000 ××	6 00 00	96 02 1	− − −	6 5 8 0 0	− − − −	040 ××	0 07 02	98 02 6	− − −	0 0 9 0 0	− − −	—	-	1.2	+ 0.8	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Aliabad																		
PUNJAB	Lyallpur	000 55	1 00 00	96 01 0	155 68	0 0 9 0 2	− − − 72	000 47	6 20 02	96 02 1	194 51	9 0 9 0 3	8 2 0 49	− 4	+ 4	0.4	+ 0.3	10.5	12
	Lahore	000 53	1 00 00	97 02 1	155 68	1 1 7 0 1	− − − 72	000 50	0 00 00	95 10 1	196 52	0 0 9 0 1	− − − 50	− 6	+ 7	1.8	+ 1.2	16.0	19
	Sialkot	000 54	1 27 02	98 02 1	155 65	0 0 9 0 1	− − − 68	000 51	4 00 00	97 03 1	192 55	0 0 9 6 4	− − − 51	− 7	+ 5	1.0	+ 1.8	20.7	32
	Jhelum	000 54	1 00 00	98 01 1	161 61	0 0 9 0 1	− − − 68	000 51	5 00 00	96 03 0	199 53	0 0 9 0 4	0 6 × 50	—	-	1.9		28.6	
	Rawalpindi	000 53	2 23 02	99 01 4	163 60	0 0 9 3 0	0 × × 68	000 45	4 00 00	96 01 1	201 47	0 0 9 3 0	− − − 43	− 4	+ 2	2.1	+ 1.9	27.0	36
	Murree †	000 29	0 09 02	98 00 0	073 46	0 0 9 9 0	− − − 52	023 22	7 09 03	98 02 1	187 44	0 0 9 0 4	9 5 × 39	− 1	+ 1	2.6	+ 1.9	47.7	59
	Attock	××× ××	2 00 00	96 00 0	− − −	0 0 9 0 1	− − −							—					
	Khushab	000 57	0 27 02	99 00 0	159 72	0 0 9 0 0	− − − 74	000 52	1 27 05	99 01 1	194 53	0 0 9 0 1	− − − 49	− 4	+ 3	0.6	+ 0.5	8.6	15
	Montgomery	000 63	0 00 00	96 00 0	164 70	0 0 9 0 0	− − − 73	000 48	0 00 00	96 00 0	194 50	0 0 9 0 0	− − − 49	− 5	+ 1	1.1	+ 1.0	7.2	10
	Leiah	000 52	0 23 02	97 00 0	157 71	0 0 9 0 0	− − − 72	000 50	0 00 00	97 00 0	− − −	0 0 9 0 0	− − − 49	−		0.4	—	6.9	8
	Multan	000 52	0 18 05	97 00 0	161 72	0 0 9 0 0	− − − 75	000 50	0 27 02	95 00 0	203 54	0 0 9 0 0	− − − 50	− 2	+ 5	0	+ 0.1	6.9	7
	Khanpur	000 49	1 23 02	96 00 0	160 75	0 0 9 0 1	0 9 × 77	000 48	0 18 02	95 10 0	200 51	0 0 9 0 0	− − − 50	− 4	+ 2	0.1	0	2.1	6
	Bahawalpur	007 55	0 00 00	97 00 0	168 72	0 0 9 0 0	− − − 76	000 52	0 18 02	96 00 0	206 52	0 0 9 0 0	− − − 49	− 3	0	0.1	+ 0.1	4.6	6
	Fort Abbas	000 56	0 23 ××	96 00 0	166 70	0 0 9 0 0	− − − 76	000 46	0 28 ××	93 40 1	182 56	0 0 9 0 0	− − − 49	-	—	1.3	−	5.2	8
N. W. F. P.	Drosh *	000 18	0 16 03	99 00 0	017 54	0 0 9 0 0	− − − 63	000 31	6 00 00	99 02 0	075 43	0 0 9 0 1	− − − 40	+ 3	− 1	1.1	—	23.8	18
	Chakdara	000 50	0 00 00	99 00 0	049 61	0 0 9 0 0	− − − 67	000 42	4 36 03	98 01 1	202 46	0 0 9 0 4	2 9 8 44	-	—	1.2	—	21.5	
	Cherat *	000 45	0 34 02	98 00 0	016 52	0 0 9 0 0	− − − 57	000 42	2 34 14	95 01 0	020 00	0 0 9 0 1	0 × × 46	− 4	0	2.8	+ 2.5	31.7	29
	Peshawar	000 54	2 00 00	97 03 1	163 64	0 0 9 3 1	− − − 70							− 1					14
	Parachinar	000 35	3 13 02	99 01 1	074 55	1 2 × 3 0	5 × 7 58	000 29	2 00 00	98 01 1	982 40	0 0 9 3 0	2 × 3 38	− 2	+ 2	1.0	−	2.9	29
	Miranshah	000 45	5 11 01	98 02 1	009 60	0 0 9 0 5	− − − 63	000 43	3 00 00	98 02 1	026 46	0 0 9 0 3	− − − 44	—	−	0.5	+ 0.5	1.1	13
	Bannu	000 49	0 18 03	99 00 0	153 69	0 0 9 0 0	− − − 71	000 51	0 27 02	99 00 0	201 51	0 0 9 0 0	− − − 48	−	−	0.5		6.3	11
	D. I. Khan	000 52	0 00 00	96 00 0	170 70	0 0 9 0 0	− − − 73	000 46	0 00 00	94 00 0	020 44	0 0 9 0 0	− − − ××	− 3	+ 6	0	− 0.6	2.3	9
	Wana																		11
	Landikotal	000 47	2 00 00	99 02 1	006 57	2 4 6 0 0	− − − 60	000 39	6 00 00	99 02 1	032 41	0 0 9 0 8	− − − 39	-	−	0.9	−	12.8	
	Hangu	××× ××	4 11 02	99 03 1	− − −	0 0 9 0 5	− − − −	××× ××	6 27 02	99 03 1	− − −	0 0 9 0 6	− − − −	—	−		−		
	Thull	××× ××	0 23 09	99 00 0	− − −	0 0 9 0 0	− − − −	××× ××	2 36 09	99 01 1	− − −	0 0 9 0 2	− − − −	—	−	—	−	—	
BALUCHISTAN	Fort Sandeman*	000 33	0 00 00	97 05 0	012 65	0 0 9 0 0	− − − 67							+ 1					11
	Hindubagh	000 04	2 28 06	96 02 1	963 63	0 0 9 0 1	7 0 × 69	000 28	1 23 18	98 01 1	998 35	0 0 9 0 1	− − − 27	-	-	0	—	9.0	
	Loralai	000 20	4 00 00	96 03 1	999 57	0 0 9 0 7	− − − 63	000 18	0 31 05	97 00 1	047 34	0 0 9 0 0	− − − 31	-	-	0.1	−	8.6	
	Harnai (a)	000 ××	0 09 02	95 00 0	− − −	0 0 9 0 0	− − − −	000 ××	0 09 02	95 00 0	− − −	0 0 9 0 0	− − − −	-	-	0.1	− 0.1	10.7	14
	Sibi	000 44	0 18 05	99 00 0	147 74	0 0 9 0 0	− − − 76	000 35	2 00 00	98 03 0	190 53	0 0 9 × ×	− − − 51	—	-	0	−	3.8	5
	Quetta †	××× ××	0 34 03	99 01 0	960 64	0 0 9 0 8	− − − 65	000 23	2 25 02	99 01 0	964 35	0 0 9 0 8	− − − 28	—		0.1	− 0.2	9.4	9
	Chaman	000 37	0 31 02	97 00 0	992 66	0 0 9 0 0	− − − 79	000 29	0 13 02	97 00 0	029 49	0 0 9 0 0	− − − 39	+16	− 1	0	− 0.2	9.6	8
	Nushki	000 21	4 29 05	97 01 0	036 75	0 0 9 0 1	− − − 76	000 23	1 11 05	96 01 0	065 52	0 0 9 0 1	− − − 46	—	—	0	−	5.4	
	Dalbandin *	023 30	1 00 00	96 03 1	991 73	0 0 9 0 1	− − − 75	000 35	1 00 00	96 03 0	018 43	0 0 9 0 1	− − − 37	+ 6	+ 2	0	− 0.1	1.8	4
	Nokkundi	000 19	1 11 00	99 03 1	089 76	0 0 9 0 1	9 0 × 77	000 35	0 05 05	98 00 0	167 57	0 0 9 0 0	0 0 × 43	-	-	0	−	1.0	2
	Kalat †	000 43	0 31 05	98 00 0	979 67	0 0 9 0 0	− − − 66	000 26	0 18 05	98 00 0	002 34	0 0 9 0 0	− − − 29	+ 7	+ 1	0.5	+ 0.3	10.2	7
	Turbat	000 70	0 00 00	99 00 0	135 85	0 0 9 0 0	− − − 87												
	Panjgur *	000 39	0 23 10	97 00 0	994 72	0 0 9 × ×	− − − 73	000 40	2 05 03	97 03 0	027 45	0 0 9 0 2	9 4 0 37	+ 4	− 3	0	—	3.2	5
	Las Bela							000 47	0 00 00	98 00 0	202 58	0 0 9 0 0	− − − 45		—	0	−	1.7	3
	Ormara	000 03	0 18 05	99 00 0	146 77	0 0 9 0 0	− − − 72	000 63	0 00 00	99 00 0	178 65	0 0 9 0 0	− − − 80	—	—	0	0	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 51	0 00 00	96 00 0	167 76	0 0 9 0 0	− − − 78	000 92	0 00 00	96 00 0	205 52	0 0 9 0 0	− − − 46	—	—	0	—	2.2	—
	Jacobabad	000 49	0 16 02	97 00 0	156 75	0 0 9 0 0	− − − 76	000 43	1 00 00	96 03 0	198 56	0 0 9 0 1	− − − 53	− 3	+ 3	0	0	0.7	4
	Sukkur	000 51	1 00 00	96 02 1	151 78	0 0 9 0 8	5 0 × 81	000 47	1 11 ××	96 02 1	192 55	0 0 9 0 0	9 0 × 53			0	−	1.0	4
	Padidan	000 46	0 00 00	96 00 0	160 76	0 0 9 0 0	− − − 79	000 44	0 36 05	98 00 0	194 49	0 0 9 0 0	− − − 46	—	—	0	−	0.0	
	Karachi (*Manora*)	000 57	0 00 00	99 00 0	144 80	0 0 9 0 0	− − − 84	000 54	0 05 05	97 00 0	184 68	0 0 9 0 0	− − − 65	+ 3	+ 2	0.1	0	1.7	3
	Karachi (*A. P.*)	000 45	0 07 05	98 00 0	142 82	0 0 9 0 0	− − − 84	000 42	0 36 02	97 00 0	186 59	0 0 9 0 0	− − − 54	—		0		8.0	
	Badin	000 49	0 36 02	97 00 0	132 80	0 0 9 0 0	− − − 84	000 45	0 36 03	97 00 0	196 55	0 0 9 0 0	− − − 52	—	− 4	0.4	+ 0.7	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 64	0 34 03	97 00 0	136 80	0 0 9 0 0	− − − 83	000 53	0 09 03	97 00 0	177 62	0 0 9 0 0	− − − 51	—	−	0	−	2.3	
	Hyderabad	000 47	0 05 03	96 00 0	150 77	0 0 9 0 0	− − − 81	000 46	0 00 00	96 00 0	182 58	0 0 9 0 0	− − − 57	− 2	+ 2	0	0	2.0	7
Junagadh	Veraval																		30
Afghanistan	Kabul	000 27	4 34 02	98 02 1	029 55	0 0 9 0 5	− − − ××							—					12
	Jalalabad	000 55	4 09 ××	97 01 0	013 68	0 0 9 0 1	− − − 72							—					—
	Kandahar							000 17	0 23 05	97 00 0	994 45	0 0 9 0 0	− − − 29		—	0.3	—	7.3	—

See footnote on page 2

[P.T.O.

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 28TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_aD_aT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_aD_aT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall. Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Actual Weather
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14
Arabia	Muscat	000 66	0 36 02	99 00 0	139 77	0 0 9 0 0	- - - 81	000 61	0 00 00	99 00 0	176 71	0 0 9 0 0	- - - 68	0	- 4	0	—	3.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	000 ××	0 34 05	97 00 0	148 72	0 0 9 0 0	- - - 75	000 ××	0 25 09	97 00 0	219 62	0 0 9 0 0	× 0 2 55	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 3 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_aL_aL_a$	$L_oL_oL_oGG$	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_av_app	8 $N_sCh_sh_s$	O $T_sT_sT_dT_d$	$1d_wd_wF_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Biouw	83 101	620 06	6 00 01	98 50 5	129 81	32 6 76	2 5 116	—	0 52 23	1 04 32
British Marquis	83 187	721 06	1 83 18	99 01 0	118 87	11 6 08	3 4 005	—	0 04 76	1 02 22
Nadir	83 105	759 06	6 00 00	98 02 0	115 83	×× × ××	7 4 300	8 6 189	0 01 79	1 07 20
Yenang Yaung	83 092	759 06	3 00 00	98 01 0	112 85	21 5 54	7 4 320	—	0 51 78	1 ×× ××
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoTo	TdoTdoTxoX1X2	P1P2h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	012 25	089 60	000 42	250 83	855 01	140 46	700 37	135 62
	509 85	549 94	301 77	849 90	555 55	349 00	180 59	628 12	110 52
	678 00	120 17	727 37	135 29	466 00	055 83	715 44		

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	35 07	—	—	—	—	—	—	—	—	—	28 08	28 07	29 07	30 17	—	—	29 14	28 13	03 13	28 05	28 15	31 17	—	—
Dhhor	03 12	02 08	33 02	04 05	31 12	33 22	31 25	—	—	—	—	—	—	—	—	—	07 11	04 08	35 08	35 04	31 15	24 15	23 13	—
Chittagong	30 12	32 04	35 02	31 05	25 15	—	—	—	—	—	02 15	08 09	32 05	33 11	30 15	38 23	36 10	36 10	32 06	28 07	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	36 12	35 10	30 08	30 11	27 17	25 27	36 15	36 13	05 11	33 12	31 18	26 25	27 45	—
Dacca	29 04	33 04	02 04	—	—	—	—	—	—	—	33 08	29 04	29;04	29 10	27 17	28 28	31 09	31 09	32 08	32 10	28 20	27 25	31 37	—
Dalbandin	—	—	01 01	19 08	22 16	25 22	28 30	29 34	28 42	—	—	—	21,08	21 05	32 03	25 20	—		24 02	23 02	24 18	27 29	5 41	—
Drosh	—	04 03	29 06	—	—	—	—	—	—	—	—	—	—	21 01	04 04	01 10	—	—	—	—	—	—	—	—
Fort Sandeman	—	—	—	24 02	25 08	27 19	32 30	—	—	—	—	—	—	13 02	12 02	24 11	—	—	—	36 01	04 08	21 19	24 47	—
Jacobabad	23 01	25 01	31 01	24 04	23 10	27 15	29 28	31 38	30 38	—	07 05	10 03	16 04	25 06	23 07	23 11	10 09	10 04	24 04	25 04	28 17	25 27	25 31	—
Jhelum	36 05	31 04	31 07	29 08	29 08	30 15	29 16	29 46	—	—	33 03	32 10	02 07	30 07	26 07	28 09	34 04	32 14	32 18	28 07	23 06	22 10	27 22	28 41
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	09 06	09 10	07 11	07 06	28 08	35 13	31;16	32 17	29 29	27 51	14 02	16 01	17 01	23 08	28 06	23 12	02 06	36 03	27 01	22 07	23 11	25 15	21 14	24 26
Khanpur	11 01	29 01	25 02	21 05	25 11	28 13	30 10	31 47	31 64	—	16 06	32 04	30 04	17 06	22 08	26 18	—	—	—	—	—	—	—	—
Lahore	33 03	29 06	30 08	30 08	32 11	33 16	31;24	31 44	—	—	33 08	33 10	33 10	33 11	35 08	32 04	30 08	30 12	30 12	30 08	25 06	27 10	23 26	28 36
Multan	17 04	17 03	17 04	22;11	28 17	29 27	30 52	31 58	—	—	36 06	01 04	26 08	25 07	24 06	27 17	26 03	17 03	20 04	—	—	—	—	—
Peshawar	12 04	13 04	36 01	36;01	30 09	26 17	29;07	29 36	29 47	—	—	02 01	19 01	33 03	08 07	22 16	—	19 02	35 03	34 10	02 06	15 05	22 19	—
Quetta	—	—	—	—	20 07	25 15	27 20	28 34	29 45	28 46	—	—	No	ascent	—	—	—	—	—		12 03	23 27	25 03	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

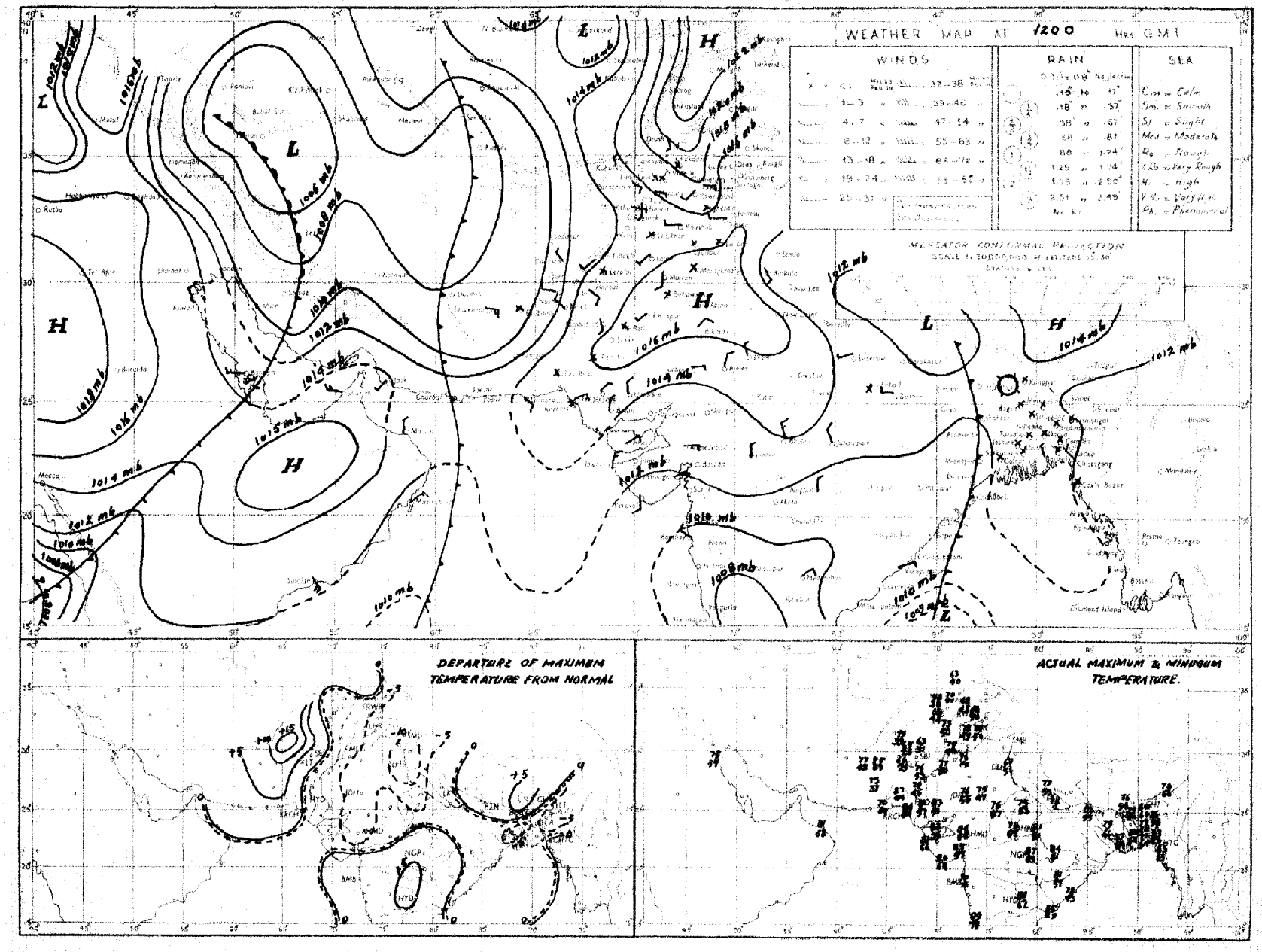
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.2, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

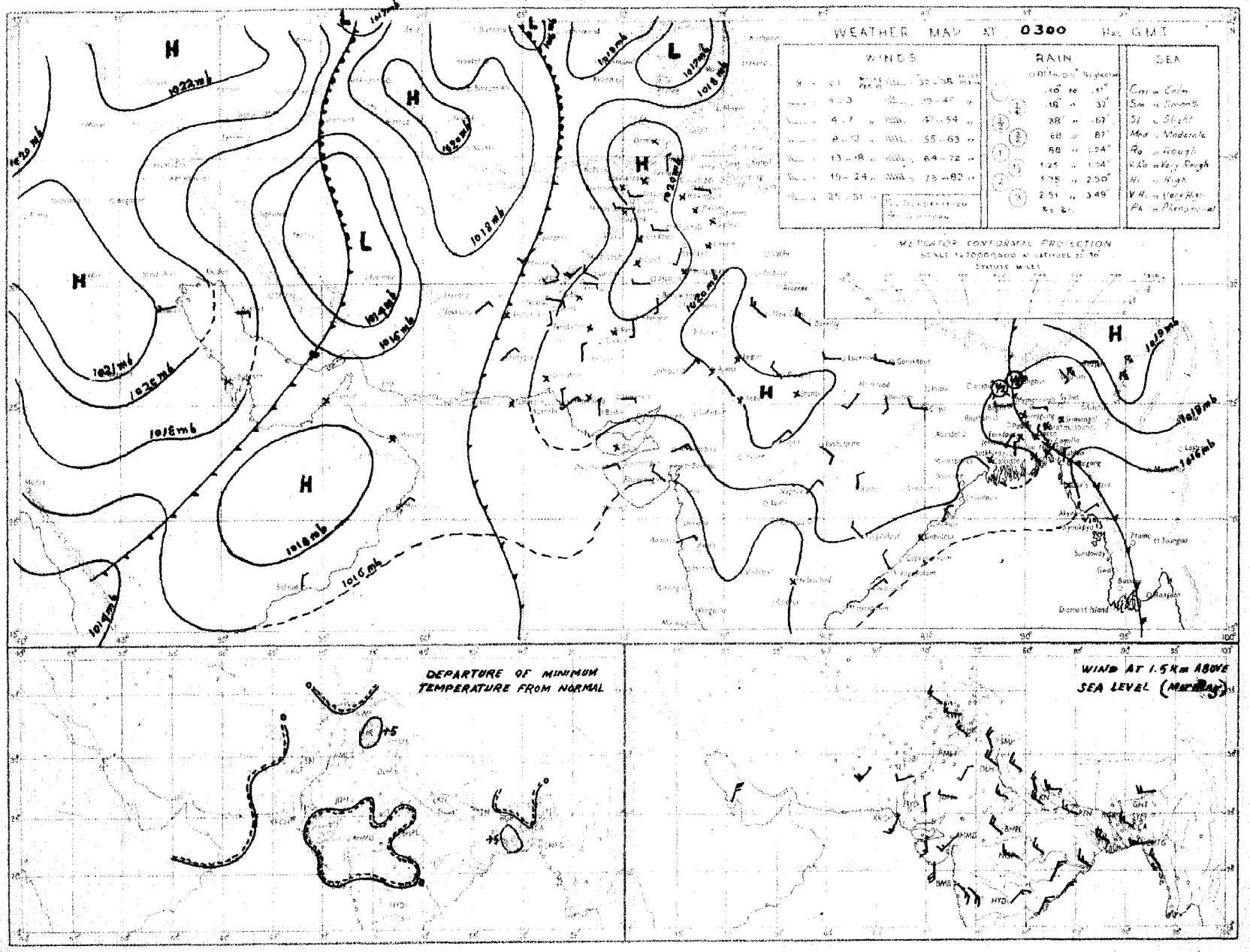
TUESDAY 27th. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 28th. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 29th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A ridge of high extends from northeast Iran to Gulf of Oman.

Weather remained dry over the country.

Night temperatures were appreciably to markedly above normal in the Punjab.

Forecast valid until the evening of 30th :—Weather will be dry over the country.

There will be appreciable to marked fall in night temperatures in West Pakistan.

Karachi-11.
The 29th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$ C$_H$	W$_1$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 67	0700 00	94 01	1142 75	0 0 9 0 0	× 0 0 84	000 63	0 00 00	97 00	0171 78	0 0 9 0 0	- - - 64	+ 1	0	0.8	- 2.9	121.7	140
	Chittagong	000 63	0836 05	96 00	0147 74	0 0 9 0 0	× 2 2 83							+ 2					108
	Noakhali	000 61	0 00 00	9x xx	0xxx 75	0 0 9 0 0	- - - 79	000 63	0 00 00	94 05	4xxx 74	0 0 9 0 0	- - - 64	- 2	+ 2	0.7	- 0.9	—	115
	Comilla	000 69	4 36 05	98 03	1155 70	4 4 7 0 0	- - - 71	000 66	0 31 05	98 00	0176 68	0 0 9 0 0	- - - 61	- 11	4 1	1.4	+ 0.1	132.6	94
	Brahmanbaria	000 65	0 00 00	xx 00	0158 73	0 0 9 0 0	- - - 73	000 63	0 00 00	97 00	0179 69	0 0 9 0 0	- - - 60	-	-	0.9	- 0.1	66.4	78
	Dacca	xxx 59	0 00 00	xx 00	2145 67	0 0 9 0 0	3 × × 79	xxx 62	0 36 02	96 00	0176 68	0 0 9 0 0	- - - 54					—	
	Narayanganj	000 60	0 00 00	xx 00	1146 72	- - - - -	9 × × 82	000 61	0 36 02	95 00	0169 69		9 × × 60	-	- 2	0.7	- 0.2	89.5	74
	Mymensingh	000 64	0 00 00	96 00	2168 72	0 0 9 0 0	- - - 80	000 63	0 00 00	97 00	0178 67	0 0 9 0 0	- - - 59	0	- 2	3.0	+ 2.2	64.8	91
	Srimangal	000 63	0 00 00	xx 00	1157 67	0 0 9 0 0	- - - 79	000 63	0 00 00	96 00	1178 68	0 0 9 0 0	- - - 53	- 6	- 2	1.4	0	106.6	93
	Khulna	000 32	2 00 00	96 00	0154 73	2 2 8 0 0	- - - 81	000 60	0 00 00	98 00	0158 xx	0 0 9 0 0	- - - 68	0	+ 9	0.8	- 0.3	54.1	68
	Satkhira							000 63	6 31 03	96 03	1184 73	4 4 6 0 0	- - - 62		+ 5	0.2	- 0.5	44.9	85
	Jessore	000 63	0 00 00	xx 01	1159 71	0 0 9 0 0	- - - 80	000 61	9 05 03	97 00	0184 69	0 0 9 0 0	- - - 55			1.1	+ 0.1	47.0	65
	Faridpur	000 60	1 34 02	95 05	0139 72	0 0 9 0 0	9 × × 72	000 63	0 34 03	96 05	0188 68	0 0 9 0 0	- - - 57	- 5	- 2	1.5	+ 0.4	57.0	71
	Barisal	000 64	1 36 02	97 01	1152 74	0 0 9 2 0	- - - 80	000 61	0 02 03	98 00	0179 69	0 0 9 0 0	- - - 61	- 1	0	1.2	- 0.4	74.7	81
	Pabna																		59
	Rampo Boalia																		58
	Sirajganj	000 63	0 00 00	xx 00	0134 69	0 0 0 0 0	- - - 74	000 61	0 31 03	97 00	0181 69	0 0 9 0 0	- - - 58		—	3.5	+ 2.6	69.1	64
	Bogra	000 60	0 00 00	96 00	0155 70	0 0 9 0 0	- - - 77	000 62	0 36 03	96 00	0183 60	0 0 9 0 0	- - - 58	- 3	- 1	2.0	+ 1.2	47.0	69
	Dinajpur	015 61	0 00 00	xx 00	0167 68	0 0 9 0 0	- - - 7	000 61	0 36 02	96 00	0197 66	0 0 9 0 0	- - - 55	+ 2	- 2	0.6	+ 0.2	49.2	72
	Rangpur	000 xx	0 00 00	xx 02	1— —	0 0 9 0 0	- - - -	000 xx	8 09 02	96 02	1— —	8 5 8 0 0	- - -			1.2	+ 0.8	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg ††																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Aliabad																		
PUNJAB	Lyallpur	000 51	2 00 00	96 01	0150 70	0 0 9 2 0	- - - 75	000 50	0 00 00	96 00	0202 52	0 0 9 0 0	- - - 50	- 1	+ 5	0.4	+ 0.3	10.5	13
	Lahore	000 55	1 00 00	96 02	1168 68	0 0 9 0 1	- - - 72	000 52	0 27 03	95 10	0199 54	0 0 9 0 0	- - - 49	- 6	+ 6	1.3	+ 1.2	16.0	19
	Sialkot	000 54	0 00 00	98 00	0157 65	0 0 9 0 0	- - - 69	000 52	0 00 00	97 00	0196 55	0 0 9 0 0	- - - 51	- 6	+ 5	1.9	+ 1.8	20.7	32
	Jhelum	000 54	0 00 00	97 00	0171 66	0 0 9 0 0	- - - 71	000 52	0 00 00	97 00	0203 53	0 0 9 0 0	- - - 48	—		1.9		28.6	
	Rawalpindi	000 53	0 00 00	99 00	1162 62	0 0 9 0 0	- - - 70	000 42	0 00 00	97 00	0211 48	0 0 9 0 0	- - - 44	- 2	+ 3	2.1	+ 1.7	27.9	36
	Murree †	000 38	1 11 10	92 49	1068 46	0 0 9 8 0	5 × 0 55	000 22	0 27 05	98 00	4993 44	0 0 9 0 0	9 × × 37	+ 2	- 1	2.6	+ 1.9	47.7	59
	Attock	xxx xx	0 00 00	97 00	0— —	0 0 9 0 0	- - - -	xxx xx	0 00 00	00 00	0— —	9 - 0 - -	- - - -	—	—				
	Khushab	000 49	0 27 05	99 00	0162 71	0 0 9 0 0	- - - 73	000 49	0 20 02	99 00	0200 52	0 0 9 0 0	- - - 49	- 5	+ 3	0.6	+ 0.5	8.6	15
	Montgomery	000 60	0 00 00	96 00	0168 70	0 0 9 0 0	- - - 73	000 48	0 00 00	96 00	0204 50	0 0 9 0 0	- - - 48	- 5	+ 1	1.1	+ 1.0	7.2	10
	Lyallpur	000 51	1 28 02	97 00	0165 73	0 0 9 0 0	- - - 74	000 50	0 00 00	97 00	0218 59	0 0 9 0 0	- - - 47			0.4	—	6.9	8
	Multan	000 49	0 18 02	97 00	0166 73	0 0 9 0 0	- - - 76	000 46	0 00 00	95 00	0207 54	0 0 9 0 0	- - - 48	- 1	+ 1	0	- 0.1	6.9	7
	Khanpur	000 43	0 31 02	96 00	0165 96	0 0 9 0 0	- - - 80	000 42	0 13 02	95 04	0200 58	0 0 9 0 0	- - - 51	- 1	+ 4	0.1	0	2.1	6
	Bahawalpur	007 52	0 00 00	97 00	0162 75	0 0 9 0 0	- - - 77	000 51	0 11 02	97 00	0197 54	0 0 9 0 0	- - - 52	- 2	+ 3	0.1	+ 0.1	4.6	6
	Fort Abbas	000 56	0 13 03	96 00	0166 70	0 0 9 0 0	- - - 75	000 41	0 23 00	96 00	0188 58	0 0 9 0 0	- - - 40			1.3		5.0	8
N. W. F. P.	Drosh *	000 23	0 00 00	98 02	0011 56	0 0 9 2 -	- - - 62	000 22	0 00 00	99 00	0087 41	0 0 9 0 0	- - - 38	+ 2	- 3	1.1		23.8	18
	Chakdara	000 49	0 18 03	99 00	0142 62	0 0 9 0 0	- - - 68	000 02	0 26 03	98 00	0225 44	0 0 9 0 0	- - - 42			1.2		21.5	
	Cherat *	000 50	0 18 07	98 00	0019 53	0 0 9 0 0	- - - 61	000 40	0 34 05	98 00	0049 45	0 0 9 0 0	- - - 43	0	- 2	2.8	+ 2.5	31.7	29
	Peshawar	000 53	1 00 00	96 03	1165 63	0 0 9 3 8	- - - 71	000 46	0 16 02	96 00	0215 50	0 0 9 0 0	- - - 47	0	+ 2	0.8	+ 0.5	9.9	14
	Parachinar	000 31	7 13 02	96 02	2980 53	2 2 6 6 0	- - - 59	000 26	0 00 00	99 00	1990 41	0 0 9 0 0	5 0 × ××			1.0		2.9	29
	Miranshah	000 39	1 13 02	99 01	1008 68	1 0 8 2 0	- - - 64	000 41	0 00 00	99 00	0××× 45	0 0 9 0 0	- - - 42		-	0.5	+ 0.5	1.1	13
	Bannu	000 48	0 00 02	99 00	0170 68	0 0 9 0 0	- - - 72	000 47	0 00 00	99 00	0203 43	0 0 9 0 0	- - - 41	—	-	0.5		6.8	11
	D. I. Khan	000 51	0 00 00	94 00	0168 71	0 0 9 0 0	- - - 71	000 41	0 00 00	94 00	0195 48	0 0 9 0 0	- - - xx	- 5	+ 6	0	- 0.1	2.3	9
	Wana																		11
	Landikotal	000 45	2 36 02	99 02	1008 57	2 4 6 0 0	- - - 65	000 36	0 05 02	99 00	0043 42	0 0 9 0 0	- - - 38		-	0.9	—	12.8	
	Hangu	xxx xx	1 00 00	98 00	1— —	0 0 9 0 2	- - - -	xxx xx	0 00 00	99 00	1— —	0 0 9 0 0	9 × 9 —	—	—		—		
	Thall	xxx xx	0 18 00	99 00	0— —	0 0 9 0 0	- - - -	xxx xx	0 36 09	99 00	0— —	0 0 9 0 0	- - - -	—	—	—	—		
BALUCHISTAN	Fort Sandeman*	000 37	0 00 00	97 05	0008 62	0 0 9 0 0	- - - 65	000 29	0 00 00	94 05	0008 42	0 0 9 0 0	- - - 38	- 1	+ 3	0.3	+ 0.1	10.2	11
	Hindubagh	000 36	0 27 05	98 00	0988 58	0 0 9 0 0	- - - 65	000 30	0 31 xx	97 00	0024 35	0 0 9 0 0	- - - 32			0	-	9.0	
	Loralai	000 32	0 00 00	96 00	0008 57	0 0 9 0 0	- - - 61	000 19	0 00 00	96 00	0070 37	0 0 9 0 0	- - - 33		-	0.1		8.6	
	Harnai (a)	000 xx	0 09 02	96 00	0 —	0 0 9 0 0	- - - -	000 xx	0 27 02	96 00	0—	0 0 9 0 0	- - - -		-	0.1	- 0.1	10.7	14
	Sibi	000 48	0 00 00	99 00	0156 73	0 0 9 0 0	- - - 76	000 43	0 00 00	98 00	0157 52	0 0 9 0 0	- - - 51	-		0		3.8	5
	Quetta †	000 73	0 29 07	98 00	0991 60	0 0 9 0 0	- - - 65	000 23	0 00 00	97 10	0006 38	0 0 9 0 0	- - - 29			0.1	- 0.2	9.4	9
	Qilaman	000 43	0 25 03	97 00	0019 64	0 0 9 0 0	- - - 67	000 30	0 11 02	97 00	0082 45	0 0 9 0 0	- - - 42	+ 4	+ 2	0	- 0.2	9.5	8
	Nushki	000 38	0 29 05	97 00	0057 72	0 0 9 0 0	- - - 74	000 27	0 09 03	95 05	0123 52	9 - 9 - -	2 × × 45		—	0		5.4	
	Dalbandin *	023 43	0 23 07	96 00	0016 75	0 0 9 0 0	- - - 77	000 26	0 00 00	94 05	0069 44	0 0 9 0 0	- - - 40	+ 8	+ 6	0	- 0.1	1.8	4
	Nokkundi	000 39	0 34 09	99 00	0137 77	0 0 9 0 0	- - - 80	000 24	0 00 00	98 00	0237 50	0 0 9 0 0	- - - 48	—	-	Tr.		1.0	2
	Kalat †	000 41	0 31 05	98 00	0005 56	0 0 9 0 0	- - - 63	000 25	0 18 05	98 00	0023 30	0 0 9 0 0	- - - 27	+ 4	- 1	0.5	+ 0.3	10.2	7
	Turbat																		
	Panjgur *																		5
	Las Bela	000 70	0 00 00	99 00	0147 85	0 0 9 0 0	- - - 87	000 49	0 00 00	98 00	0182 68	0 0 9 0 0	- - - 50		-	0	-	1.7	8
	Ormara	000 73	0 23 05	98 00	0157 77	0 0 9 0 0	- - - 78	000 61	0 00 00	98 00	0184 65	0 0 9 0 0	- - - 63	—	—	0	0	3.1	0
	Pasni																		4
	Jiwani																		4
SIND	Reti	000 47	0 36 02	96 00	0160 77	0 0 9 0 0	- - - 80	000 48	0 18 03	96 00	0199 53	0 0 9 0 0	- - - 48	—	—	0	—	2.2	
	Jacobabad	000 49	0 36 02	97 00	0158 75	0 0 9 0 0	- - - 78	000 42	0 29 02	97 00	0190 54	0 0 9 0 0	- - - 53	- 1	+ 3	0	0	0.7	4
	Sukkur	000 51	0 00 00	96 00	1155 78	0 0 9 0 0	4 × × 81	000 52	0 00 00	96 00	0198 54	0 0 9 0 0	- - - 51			0	—	1.0	4
	Padidan	000 45	0 00 00	98 00	0154 78	0 0 9 0 0	- - - 79	000 45	0 00 00	98 00	0202 49	0 0 9 0 0	- - - 47	—	—	0	—	0.9	
	Karachi (*Manora*)	000 56	0 23 05	99 00	0157 78	0 0 9 0 0	× 0 1 83	000 55	0 05 05	99 00	0186 66	0 0 9 0 0	- - - 64	+ 2	+ 1	0.1	0	1.7	3
	Karachi (*A. P.*)	000 53	0 23 09	96 00	0158 79	0 0 9 0 0	- - - 85	000 49	0 00 00	98 00	0189 60	0 0 9 0 0	- - - 55	—		0		3.0	
	Badin	000 49	0 00 00	97 00	0165 84	0 0 9 0 0	- - - 87	000 48	0 36 02	97 00	0192 57	0 0 9 0 0	- - - 52	+ 2	- 4	0.9	+ 0.7	7.8	9
	Nagarparkar																		
	Gihor (*Umarkot*)	000 65	0 31 03	97 00	0145 80	0 0 9 0 0	- - - 84	000 50	0 00 00	97 00	0182 58	0 0 9 0 0	- - - xx		-	0	—	2.3	
	Hyderabad	000 49	0 05 03	96 00	0157 80	0 0 9 0 0	- - - 84	000 45	0 36 02	96 00	0190 59	0 0 9 0 0	- - - 57	+ 1	+ 2	0	- 0.1	2.0	7
Junagarh	Veraval																		21
Afghanistan	Kabul	000 23	6 02 02	98 02	1008 54	1 8 8 2 0	- - - 53							—					12
	Jalalabad	000 55	3 00 00	97 01	1012 62	0 0 9 0 8	3 9 × 81							—					—
	Kandahar	000 34	0 00 00	98 00	0000 66	0 0 9 0 0	- 310 73							—					—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 29TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_g I_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_1 D_M T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR $T_g I_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_1 D_M T_x T_n$	Departure from Normal T_x T_x	T_n T_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Arabia	Muscat	000 64	0 09 02	99 00 0	168 78	0 0 9 0 0	× 0 0 81	000 63	0 00 00	98 00 0	201 71	0 0 9 0 0	- - - ××	0	—	0	—	3.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	000 ××	0 00 00	97 00 0	188 72	0 0 9 0 0	× 0 0 74	—	—	—	—	—	—	—	—	—	—	—	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (5,699-5,713 feet according to latitude).
† † Barometer readings reduced to 8 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_M C_H	D_s v_s sss	8 N_s Ch_s h_s	O T_s T_s T_d T_d	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Yenang Yaung	43 131	728 06	4 36 02	98 02 0	189 89	41 8 65	7 4 308	—	0 00 77	1 36 12
Nadir	43 144	739 06	3 06 05	98 02 0	108 84	×× × ××	7 4 130	8 2 288	0 01 88	0 17 21
British	43 108	758 06	8 12 10	99 02 2	189 84	—	—	8 3 420	0 05 17	1 12 22
Rizwani	43 113	628 06	5 02 07	99 02 0	935 84	52 5 00	—	—	—	—
Shwedagon	43 229	680 12	0 34 09	99 02 0	148 ××	00 9 00	—	—	—	—
Rizwani	43 110	642 12	2 02 09	98 03 1	115 84	23 6 00	—	—	—	—
Yenang Yaung	43 137	722 12	4 36 01	98 02 0	119 85	00 9 04	7 4 320	—	0 01 77	1 36 22
Nadir	43 155	734 12	1 26 06	98 02 0	112 87	00 9 01	7 4 300	8 1 189	0 02 74	1 26 20
Nadir	43 166	731 18	0 34 09	98 02 0	143 85	00 9 00	8 4 300	8 × ×××	0 02 77	1 35 21
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 15	014 23	183 60	000 43	221 44	855 00	175 53	700 36	095 98	509 20
	599 91	555 55	309 17	150 87	349 00	160 61	458 68	175 14	678 00	155 55
	456 00	005 20	164 61	639 97						

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	29 11	29 12	30 13	30 11	30 13	35 15	—	—	—	—	35 19	33 13	32 13	03 03	—	27 18	34 17	34 13	33 11	32 07	—	—	—	—
Chhor	02 04	02 05	04 04	17 07	23 19	27 19	23 17	25 27	—	—	—	—	—	—	—	—	04 15	02 12	36 15	06 10	35 04	27 21	27 24	26 29
Chittagong	36 09	01 12	02 10	31 07	30 13	30 17	34 22	—	—	—	36 33	36 26	01 13	20 04	—	—	35 14	35 11	34 07	07 07	07 07	07 06	33 15	30 16
Cox's Bazar	36 09	36 08	34 08	31 13	29 17	31 29	—	—	—	—	36 31	36 21	36 13	02 05	35 11	—	35 15	35 13	36 04	13 08	07 10	10 12	33 19	29 13
Dacca	32 07	31 07	30 10	29 17	—	—	—	—	—	—	34 11	34.08	36 06	02 05	—	—	—	—	—	—	—	—	—	—
Dalbandin	—	—	26 07	22 08	31 15	29 16	26 58	26 64	—	—	—	—	28 03	22 07	11 04	11·02	—	—	07 10	05 10	31 07	35 06	18 17	27 24
Drosh	—	—	—	—	02 09	01 10	15 13	21 25	24 44	24 82	—	—	—	06 04	03 05	01 15	—	—	—	—	07 04	34 09	35 19	32 31
Fort Sandeman	—	—	—	29 01	24 06	27 24	23 68	25 62	—	—	—	—	—	21 02	32 14	35 17	—	—	—	26 04	29 06	35 11	29 15	31 28
Jacobabad	17 03	18 04	19 03	19 06	24 18	25 34	25 35	25 49	25 61	—	34 05	29 05	24 05	33 07	33 12	31 18	32 12	31 05	01 12	04 11	04 04	33 11	27 31	—
Jhelum	34 04	27 04	22 06	19 04	18 09	17 08	24 32	26 57	—	—	29 02	32 02	33 04	02 03	01 08	34 17	31 08	33 09	34 12	35 10	02 09	03 00	01 16	22 35
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	17 01	23 02	28 03	27 10	23 13	27 16	25 21	24 29	25 33	26 42	33 12	33 03	31 01	04 10	22 04	25 15	06 11	06 04	06 08	07 10	29 05	33 06	—	—
Khanpur	19 01	21 02	23 08	25 19	25 28	26 31	25 44	25 54	—	—	22.06	25 11	27 10	35 17	34 17	28 27	14.04	35 01	33 05	03 11	03 06	23 04	27 37	28 42
Lahore	29 06	31 07	31 06	27 06	—	24 22	25 37	20 43	26 55	27 64	27.09	27 03	26 06	32 07	32 10	28 06	31 11	31 13	31 11	33 13	34 11	35 13	34 25	—
Multan	20 08	18 10	18 11	21 18	22 18	24 41	—	—	—	—	19 05	33 05	25 05	33 11	35 15	32 15	27.04	31 04	33 04	01 26	33 10	31 20	30 27	—
Peshawar	—	16 02	06 01	14 05	17 08	22 18	22 37	24 60	24 70	24 83	—	06.01	04 01	35 09	32 18	34 17	—	09 02	32 06	31 13	31 26	35 14	35 08	—
Quetta	—				25 17	27 17	23.56	25 90	25 03	—		—	No	ascent	—	—	—				34 07	33 09		—
Bushire	—										—	—									—	—		—
Sharjah	—																					—		

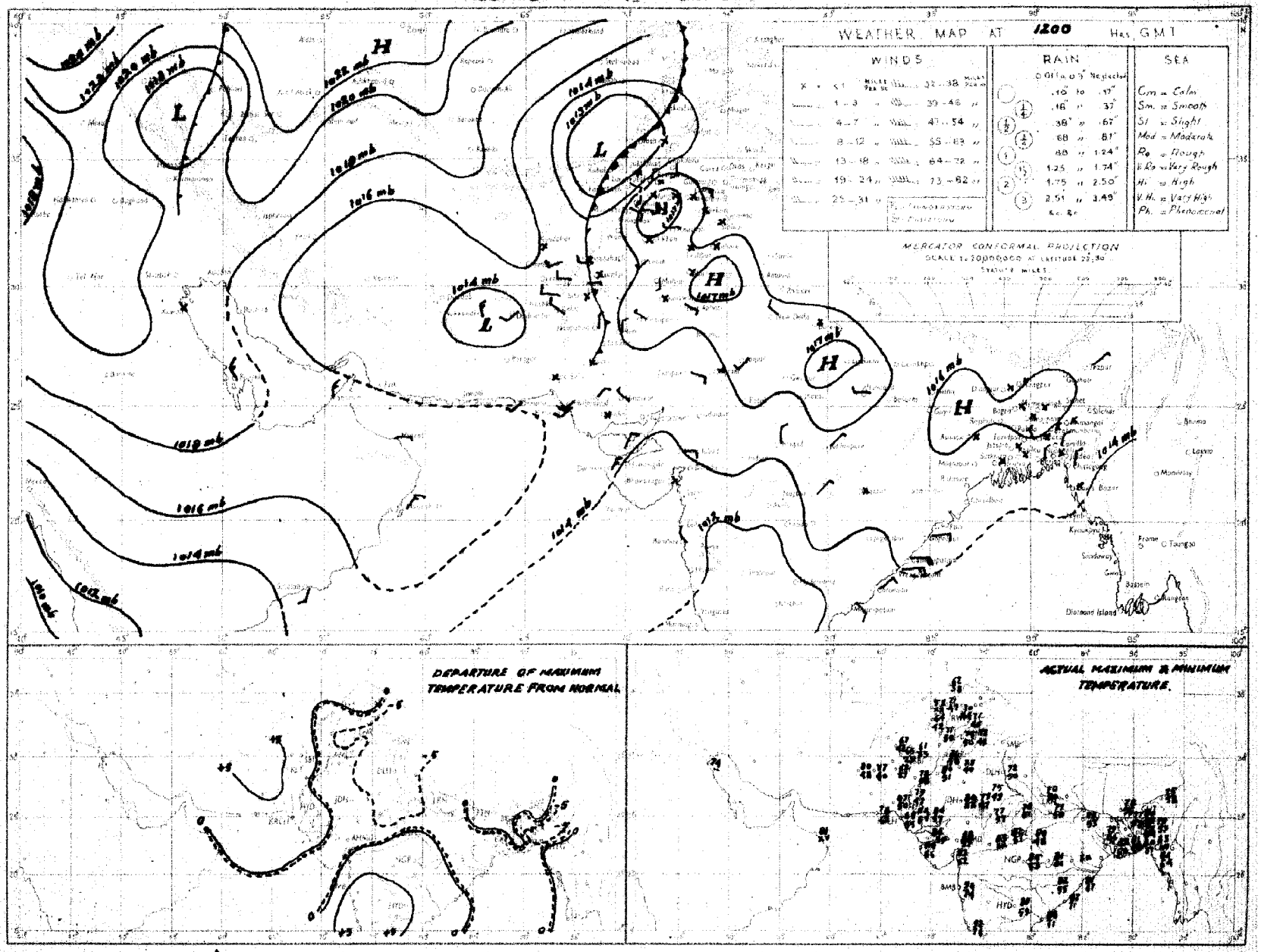
Cloud Observation Data (iiiGG Cddv$_r$ v$_r$)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

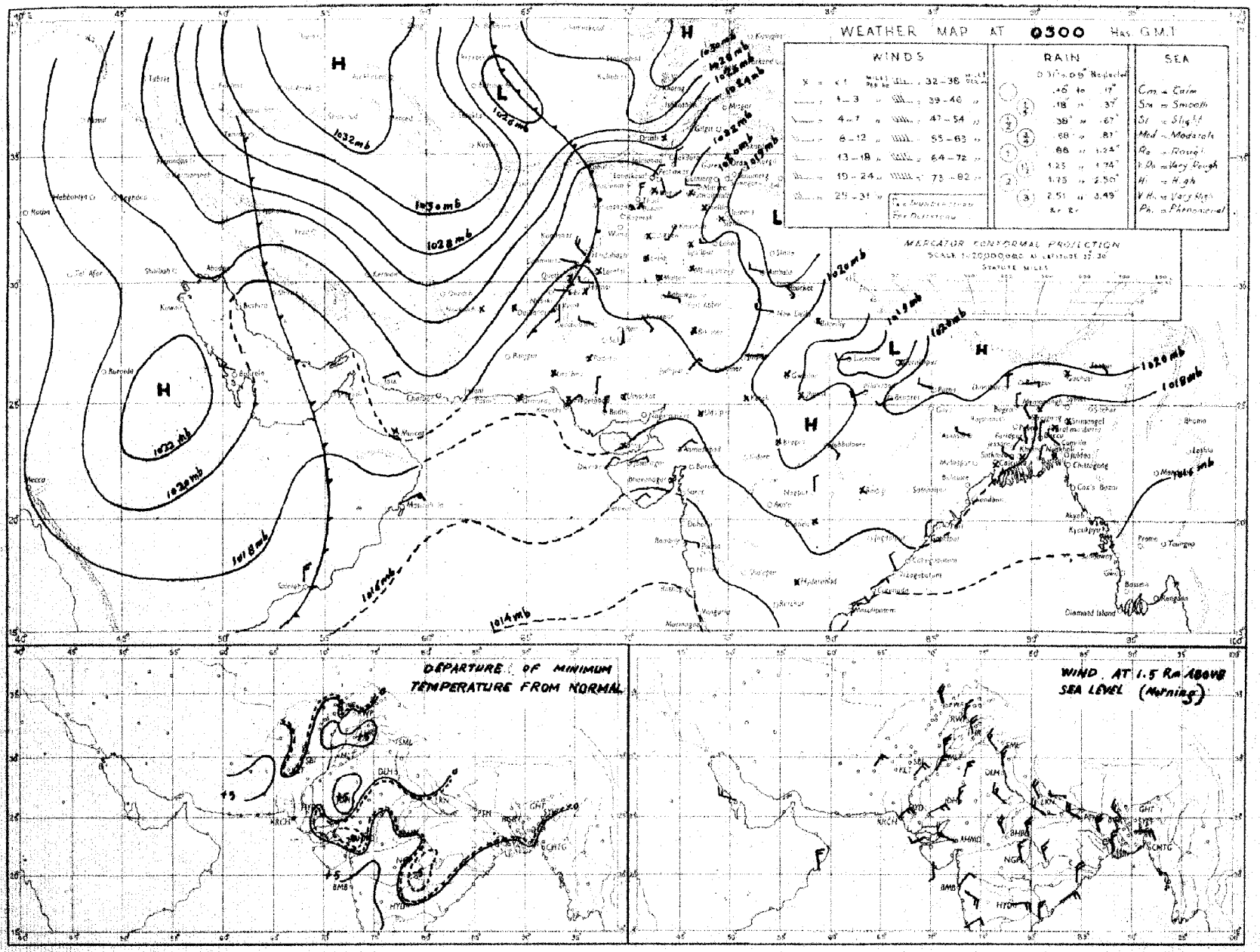
WEDNESDAY 28th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

THURSDAY 29th. NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 30th NOVEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance is approaching Iraq.

Weather continued to be dry over the country.

Night temperatures were generally appreciably above normal in the Punjab.

Forecast valid until the evening of 1st :—Weather will continue to be dry over the country.

Karachi-11.
The 30th November, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_x$T$_x$	RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_n$T$_n$	T$_x$T$_x$	T$_n$T$_n$	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 69	0 00 00	94 00 0	137 73	0 0 9 0 0	- - - 80	000 68	0 00 00	97 00 0	160 74	0 0 9 0 0	- - - 60	- 3	- 4	0.8	- 3.0	121.7	140
	Chittagong	000 61	0 31 02	96 00 0	140 73	0 0 9 0 0	- - - 81	000 66	0 36 02	97 00 0	161 72	0 0 9 0 0	- - - 60	0	- 2	0	- 2.2	134.5	108
	Noakhali	000 61	0 00 00	×× ×× ×	××× 75	0 0 9 0 0	- - - 79	000 66	0 00 00	94 00 4	××× 68	0 0 9 0 0	- - - 60	- 2	- 2	0.7	- 0.9	0	115
	Comilla	000 65	0 00 00	96 00 0	141 71	0 0 9 0 0	- - - 71	000 63	0 00 00	98 00 4	165 69	0 0 9 0 0	- - - 59	- 11	- 1	1.4	+ 0.1	132.6	94
	Brahmanbaria	000 74	0 00 00	×× 00 0	××× 74	0 0 9 0 0	- - - 79	000 65	0 00 00	97 00 4	172 71	0 0 9 0 0	- - - 61		-	0.9	- 0.2	66.4	78
	Dacca	000 61	0 00 00	×× 00 0	141 69	0 0 9 0 0	- - - 79	××× 63	2 36 01	96 28 4	162 66	2 5 4 0 0	2 × × 55	—	-			-	
	Narayanganj	000 60	0 00 00	×× 00 1	××× 72	0 0 9 0 0	8 × × 61	000 61	0 31 02	95 00 4	155 72	0 0 9 0 0	4 × × 60	0	- 2	0.7	- 0.2	89.5	74
	Mymensingh	000 62	0 00 00	98 00 0	149 72	0 0 9 0 0	- - - 79	000 59	0 00 00	97 00 0	169 66	0 0 9 0 0	- - - 59	- 1	- 2	3.0	+ 2.2	64.8	91
	Sirmangal	000 63	0 00 00	×× 00 1	141 65	0 0 9 0 0	- - - 78	000 63	1 00 00	95 02 4	164 65	1 2 6 0 0	4 × × 52	- 7	- 3	1.4	0	106.6	98
	Khulna	000 62	0 00 00	98 00 0	151 71	0 0 8 0 0	- - - 74	000 62	0 31 02	98 00 0	178 70	0 0 9 0 0	- - - ××	- 7	-	0.8	- 0.3	54.2	68
	Satkhira	000 66	0 00 00	98 00 0	131 74	0 0 9 0 0	- - - 78	000 64	6 36 02	98 00 0	170 6	0 0 9 0 0	- - - 57	- 5	0	0.2	- 0.5	44.9	65
	Jessore	000 62	0 00 00	×× 00 0	152 70	0 0 9 0 0	- - - 77	000 62	9 22 03	97 00 0	171 65	0 0 9 0 0	- - - 56			1.0	+ 0.1	47.0	65
	Faridpur	000 62	0 00 00	95 00 0	159 72	0 0 9 0 0	- - - 72	000 63	0 34 02	96 05 0	169 66	0 0 9 0 0	- - - 56	- 3	- 3	1.5	+ 0.4	57.0	71
	Barisal	000 60	0 00 00	97 00 0	141 72	0 0 9 0 0	- - - 78	000 62	0 31 02	98 00 0	167 67	0 0 9 0 0	- - - 62	- 3	- 1	1.2	- 0.4	74.7	81
	Pabna																		59
	Rampo Boalia	000 62	1 00 00	×× 01 1	143 70	1 6 2 0 0	- - - 78	000 62	8 00 00	96 02 2	167 62	8 2 5 - -	- - - 58	-	—	3.3	+ 2.6	69.1	56
	Sirajganj	000 62	1 00 00	96 01 1	146 72	1 1 7 0 0	- - - 78	000 61	7 05 03	95 01 1	169 65	1 8 5 0 0	- - - 59	- 4	0	2.0	+ 1.2	47.0	64
	Bogra	000 65	0 00 00	×× 00 0	161 68	0 0 9 0 0	- - - 78	000 57	0 36 02	96 00 0	181 70	0 0 9 0 0	- - - 59	- 2	0	0.6	+ 0.2	49.2	69
	Dinajpur	000 ××	0 00 00	×× 02 1	- - —	0 0 9 0 0	- - - -	000 ××	1 11 02	98 02 1	- - —	0 0 9 1 0	- - -			1.2	+ 0.8	80.4	72
	Rangpur																		84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu +																		
	Gilgit *																		
	Misgar																		
	Allabad																		
PUNJAB	Lyallpur	000 50	0 20 02	96 00 0	160 70	0 0 9 0 0	- - - 73	000 47	0 00 00	92 11 0	170 49	0 0 9 0 0	- - - 48	- 2	+ 3	0.4	+ 0.3	10.5	12
	Lahore	000 53	0 00 00	96 00 0	165 68	0 0 9 0 0	- - - 72	000 49	0 00 00	94 10 0	173 50	0 0 9 0 0	- - - 47	- 6	+ 4	1.3	+ 1.3	16.0	19
	Sialkot	000 57	0 00 00	97 00 0	161 61	0 0 9 0 0	- - - 70	000 52	0 00 00	97 00 0	185 56	0 0 9 0 0	- - - 51	- 5	+ 5	1.9	+ 1.8	20.7	32
	Jhelum	000 55	0 00 00	98 00 0	166 67	0 0 9 0 0	- - - 70	000 45	0 00 00	95 10 0	188 47	0 0 9 0 0	- - - 46	-	-	1.9	-	28.6	—
	Rawalpindi	000 49	0 27 02	99 00 0	158 64	0 0 9 0 0	- - - 68	000 44	0 00 00	96 40 1	188 46	0 0 9 0 0	- - - 43	- 4	+ 2	2.1	+ 1.8	27.9	36
	Murree †	000 23	0 27 03	98 00 0	079 50	0 0 9 0 0	- - - 58	000 16	0 31 03	98 00 0	070 46	0 0 9 0 0	- - - 42	+ 5	+ 4	2.6	+ 1.9	47.7	59
	Attock	××× ××	0 00 00	97 00 0	- - -	0 0 9 0 0	- - - -	××× ××	0 00 00	99 00 0	- - -	0 0 9 0 0	- - - -	-	—				
	Khushab	000 50	0 27 05	99 00 0	164 72	0 0 9 0 0	- - - 75	000 47	0 01 02	99 00 0	174 49	0 0 9 0 0	- - - 46	- 3	0	0.6	+ 0.5	8.8	15
	Montgomery	000 61	0 00 00	96 00 0	171 73	0 0 9 0 0	- - - 74	000 47	0 00 00	96 00 0	173 51	0 0 9 0 0	- - - 48	- 4	0	1.1	+ 1.0	7.2	10
	Lyallpur	000 51	0 13 02	97 00 0	175 77	0 0 9 0 0	- - - 78	000 46	0 00 00	97 00 0	167 49	0 0 9 0 0	0 0 9 47			0.4	—	6.9	8
	Multan	000 44	0 00 00	97 00 0	172 75	0 0 9 0 0	- - - 78	000 46	0 18 05	96 00 0	167 58	0 0 9 0 0	- - - 53	+ 1	+ 6	0	- 0.1	6.9	7
	Khanpur	000 53	0 00 00	96 00 0	172 76	0 0 9 0 0	- - - 79	000 45	0 18 05	96 00 0	165 53	0 0 9 0 0	- - - 51	- 2	+ 4	0.1	0	2.1	6
	Bahawalpur	007 57	0 00 00	97 00 0	168 73	0 0 9 0 0	- - - 79	000 47	0 16 02	97 00 0	165 51	0 0 9 0 0	- - - 50	0	+ 1	0.1	+ 0.1	4.6	6
	Fort Abbas							000 46	0 00 00	96 00 0	173 67	0 0 9 0 0	- - - 49		—	1.3	-	5.0	8
N. W. F. P.	Drosh *							000 20	0 00 00	99 00 0	054 44	0 0 9 0 0	- - - 40		—				18
	Chakdara	000 45	0 00 00	99 00 0	153 62	0 0 9 0 0	- - - 67	000 39	0 00 00	98 00 0	191 41	0 0 9 0 0	- - - 39		—	1.2	—	21.5	—
	Cherat *	000 35	0 36 00	98 00 0	034 57	0 0 9 0 0	- - - 59	000 33	0 18 02	98 00 0	020 44	0 0 9 0 0	- - - 43	- 2	- 3	2.8	+ 2.5	31.7	29
	Peshawar	000 48	1 00 00	97 02 1	160 65	0 0 9 0 0	- - - 72							+ 1					14
	Parachinar	000 27	0 13 ××	99 00 0	959 60	0 0 9 0 0	- - - 66	000 27	0 13 02	99 00 0	962 45	0 0 9 0 0	- - - 38	+ 6	+ 2	1.0		2.9	29
	Miranshah	000 40	0 05 01	99 00 0	018 67	0 0 9 0 0	- - - 70	000 33	0 31 01	99 00 0	006 46	0 0 9 0 0	- - - 42			0.5	+ 0.5	1.1	13
	Bannu	000 50	0 00 00	99 00 0	181 70	0 0 9 0 0	- - - 73	000 43	0 28 02	99 00 0	188 46	0 0 9 0 0	- - - 45	—	—	0.5		6.3	11
	D. I. Khan	000 49	0 11 01	97 00 0	157 72	0 0 9 0 0	- - - 74	000 43	0 00 00	94 00 0	176 47	0 0 9 0 0	- - - ××	- 2	—	0	- 0.1	2.8	9
	Wana																		11
	Landikotal	000 43	0 23 02	99 00 0	017 60	0 0 9 0 0	- - - 65	000 35	0 00 00	99 00 0	008 44	0 0 9 0 0	- - - 38		-	0.9	—	12.8	—
	Hangu	××× ××	0 00 00	98 00 0	- —	0 0 9 0 0	- - - -	××× ××	0 29 02	99 00 0	— —	0 0 9 0 0	- - - -	--	—	—	—		--
	Thull	××× ××	0 09 09	99 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 00 00	99 00 0	— —	0 0 9 0 0	- - - -	—	—	—		—	--
BALUCHISTAN	Fort Sandeman*	000 33	0 00 00	95 05 0	038 63	0 0 9 0 0	- - - 70	000 26	0 00 00	96 05 0	022 42	0 0 9 0 0	- - - 40	+ 4	+ 5	0.3	+ 0.1	10.2	11
	Hindubagh	000 23	0 23 12	98 00 0	997 61	0 0 9 0 0	- - - 71	000 15	0 23 12	98 00 0	995 50	0 0 9 0 0	- - - 35		-	0	—	9.0	—
	Loralai	000 23	0 18 02	96 00 0	025 62	0 0 9 0 0	- - - 68	000 14	0 00 00	98 00 0	047 34	0 0 9 0 0	- - - 32	—	-	0.1		8.6	--
	Harnai (a)	000 ××	0 27 02	96 00 0	- -	0 0 9 0 0	- - - -	000 ××	0 09 05	95 00 0	- -	0 0 9 0 0	- - - -		-	0.1	- 0.1	10.7	14
	Sibi	000 35	0 00 00	99 00 0	161 80	0 0 9 0 0	- - - 83	000 38	0 00 00	98 00 0	069 53	0 0 9 0 0	- - - 50	—	-	0		0.8	5
	Quetta †	000 35	0 36 02	98 00 0	003 59	0 0 9 0 0	- - - 63	000 19	0 13 03	97 00 0	002 27	0 0 9 0 0	- - - 20			0.1	- 0.2	9.4	9
	Chaman	000 39	0 29 03	97 00 0	050 63	0 0 9 0 0	- - - 67	000 29	0 11 03	97 00 0	062 42	0 0 9 0 0	- - - 40	+ 4	0	0	- 0.2	9.6	8
	Nushki	000 35	0 29 10	97 00 0	098 70	0 0 9 0 0	- - - 71	000 26	0 07 10	96 00 0	125 52	0 0 9 0 0	- - - 42	—	0	0	-	5.4	—
	Dalbandin *	028 23	0 07 07	95 05 0	051 71	0 0 9 0 0	- - - 72	000 23	0 00 00	95 05 0	050 40	0 0 9 0 0	- - - 37	+ 3	+ 3	0	- 0.1	1.8	4
	Nokkundi	000 42	0 11 09	99 00 0	171 75	0 0 9 0 0	- - - 76							—					2
	Kalat †	000 33	0 31 05	98 00 0	077 58	0 0 9 0 0	- - - 61	000 17	0 00 00	98 00 0	014 26	0 0 9 0 0	- - - 23	+ 2	- 5	0.5	+ 0.3	10.2	7
	Turbat																		
	Panjgur *	000 18	0 31 05	97 00 0	034 40	0 0 9 0 0	- - - 72	022 22	0 05 05	96 00 0	037 40	0 0 9 0 0	- - - 37	+ 3	- 3	0	—	3.2	5
	Las Bela	000 61	0 00 00	99 00 0	157 85	0 0 9 0 0	- - - 90	000 46	0 00 00	98 00 0	170 60	0 0 9 0 0	- - - 57	—	—	0	—	1.7	8
	Ormara	000 76	0 20 05	96 00 0	161 78	0 0 9 0 0	- - - 83	000 59	0 00 00	96 00 0	175 61	0 0 9 0 0	- - - 60	—	—	0	0	3.0	8
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 50	0 00 00	96 00 0	178 79	0 0 9 0 0	- - - 81	000 39	0 18 03	96 00 0	178 48	0 0 9 0 0	- - - 44	—	—	0	—	2.2	
	Jacobabad	000 45	0 18 03	97 00 0	169 79	0 0 9 0 0	- - - 80	000 43	0 18 02	95 10 1	168 55	0 0 9 0 0	- - - 62	+ 1	+ 2	0	- 0.1	0.7	4
	Sukkur	000 54	0 00 00	96 00 0	169 75	0 0 9 0 0	- - - 77	000 51	0 00 00	93 41 0	167 52	0 0 9 0 0	- - - 50			0	—	0.8	4
	Padidan	000 50	0 00 00	98 00 0	172 77	0 0 9 0 0	- - - 78	000 46	0 00 00	98 00 0	166 50	0 0 9 0 0	- - - 48	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 59	0 20 05	99 00 0	159 79	0 0 9 0 0	× 0 1 83	000 61	0 00 00	96 00 0	166 69	0 0 9 0 0	- - - 65	+ 2	+ 2	0.1	0	1.7	3
	Karachi (*A. P.*)	000 51	0 05 05	98 00 0	160 83	0 0 9 0 0	- - - 85	000 47	0 00 00	97 00 0	170 59	0 0 9 0 0	- - - 56	—		0		3.0	—
	Badin	000 51	0 05 05	97 00 0	158 82	0 0 9 0 0	- - - 84	000 50	0 36 02	97 00 0	164 58	0 0 9 0 0	- - - 54	- 1	- 2	0.9	+ 0 7	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 67	0 34 03	97 00 0	153 81	0 0 9 0 0	- - - 84	000 50	0 00 00	97 00 0	××× 58	0 0 9 0 0	- - - 52	-	-	0	-	2.3	—
	Hyderabad	000 49	0 31 03	96 00 0	168 78	0 0 9 0 0	- - - 80	000 49	0 00 00	95 05 0	184 54	0 0 9 0 0	- - - 52	- 3	- 3	0	- 0.1	2.0	7
Jaisalmer	Veraval																		2
Afghanistan	Kabul	000 28	1 20 05	99 01 0	028 57	0 0 9 0 1	- - - 60	000 21	0 20 07	99 00 0	034 40	0 0 9 0 0	- - - 32	—	—	0	—	10.6	12
	Jalalabad							000 39	0 00 00	97 00 0	016 51	0 0 9 0 0	9 × × 49		—	0.3	—	7.3	—
	Kandahar																		—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 30TH NOVEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date.						Departure from Normal		Rainfall			
		RRR T_dT_d	N dd ff	VV ww W	PPPTTT	$N_h C_L hC_M C_H$	$W_t D_s D_M T_n T_x$	RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$W_t D_s D_M T_n T_x$	$T_x T_x$	$T_n T_n$	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arabia	Muscat	—	000 68	0 31 02	99 00 0	179 77	0 0 9 0 0	× 0 0 81	000 66	0 00 00	98 00 0	190 74	0 0 9 0 0	- - - xx	0	—	0	—	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 xx	7 00 00	97 00 0	187 68	0 0 9 0 7	- x - 68	000 xx	11 30 2	97 00 0	208 70	0 0 9 0 1	- - - 59	—	—	0	—	5

* Barometer readings reduced to 1 geodynamic Kilometre (8,860-2,856 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bizwani	58 104	656 06	7 02 13	98 03 2	128 83	72 6 00	7 4 314	—	0 51 78	1 36 34
Yenang Yaung	53 161	696 06	0 36 04	98 00 0	147 85	90 9 00	—	—	—	—
Shwedagon	53 233	650 06	0 34 05	99 02 0	196 xx	00 9 00	—	—	—	—
Shwedagon	53 237	640 12	0 00 00	99 02 0	168 xx	00 9 00	—	—	—	—
Yenang Yaung	53 169	689 12	1 36 05	98 02 0	127 84	19 6 00	7 4 307	—	0 00 75	1 36 34
Bizwani	53 088	672 18	8 05 09	98 03 2	128 84	82 7 —	—	—	—	—
Sirsa	52 088	764 18	2 00 00	98 13 0	130 83	21 6 00	7 4 300	—	0 00 77	1 00 00
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			P1P1h1h1h1		T1T1T d1Td1Tx1 etc.				5555	h1h1P1P1P1		T1T1Td1Td1Tx1 etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Karachi	780 14	014 26	119 60	000 47	260 76	855 10	207 02	700 49	117 21	509 37	579 97	555 55	369 00	226 52	688 00	175 76	466 00	016 49	545 80	009 90	694 00	689 94	823 50	759 97

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡										2100 hrs. G. M. T. of previous day ‡						At 0300 hrs. G. M. T. of date ‡							
	Height in Thousands of Feet ‡										Height in Thousands of Feet ‡						Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	01 05	01 05	35 02	29 04	—	—	—	—	—	—	25 19	35 09	35 04	05 05	27 13	—	07 07	10 08	10 08	09 08	06 07	07 20	27 38	—
Ohbor	02 13	05 08	06 08	34 03	26 16	28 22	27 23	27 20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chittagong	32 06	35 05	18 04	16 06	16 01	20 09	—	—	—	—	03 09	04 06	23 05	10 09	04 11	—	01 06	09 02	17 02	20 09	21 08	25 07	28 14	—
Cox's Bazar	34 16	36 10	09 02	12 10	09 03	23 08	34 15	31 15	29 32	29 53	36 16	36 08	35 03	16 13	10 09	10 14	07 08	16 02	17 08	17 10	12 04	26 19	32 17	28 23
Dacca	33 07	35 06	34 04	18 06	20 11	21 17	29 24	30 27	29 50	—	34 11	33 06	26 05	21 05	24 09	—	36 04	35 03	11 05	15 04	25 06	26 18	27 27	—
Dalbandin	—	—	07 02	03 06	32 06	10 04	28 17	27 26	27 39	28 56	—	—	07 12	08 14	02 04	33 03	—	—	06 04	02 06	34 07	33 12	32 18	—
Drosh	—	—	—	—	02 11	01 13	31 07	30 15	—	—	—	—	—	calm	04 07	01 13	—	—	—	—	05 10	36 24	34 06	28 21
Port Sandeman	—	—	—	38 01	29 05	30 14	31 18	29 29	29 33	—	—	—	—	28 09	27 09	33 03	—	—	—	24 06	22 08	02 13	30 18	30 29
Jacobabad	01 03	04 05	04 05	02 05	33 03	03 04	28 23	33 25	28 50	—	34 03	27 02	27 01	27 02	22 11	23 08	28 04	29 03	29 04	23 06	34 06	01 05	34 13	31 27
Jhelum	29 09	29 06	33 09	32 09	02 03	03 03	34 11 (4)	32 23	31 34	30 42	36 05	19 03	30 10	31 06	33 10	33 01	—	—	—	—	—	—	—	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	09 08	07 04	07 05	31 05	20 09	27 14	25 17	27 23	26 39	27 60	07 03	03 04	04 06	01 13	31 10	27 19	32 11	32 11	32 09	35 09	36 08	30 23	36 27	—
Khanpur	13 02	08 03	05 07	27 03	30 09	29 15	29 29	30 25	28 26	28 59	10 05	22 07	25 10	26 06	34 15	31 14	20 14	23 13	24 10	27 08	36 08	32 19	31 34	31 27
Lahore	30 09	29 08	32 03	35 10	35 10	01 13	33 17	35 28	32 35	—	26 14	28 10	30 07	31 10	31 13	28 04	26 04	34 09	35 05	35 09	34 29	32 07	31 17	29 20
Multan	32 02	34 02	34 05	36 13	34 09	33 13	31 15	31 25	29 33	30 33	36 16	32 18	21 18	25 05	25 10	35 03	17 16	21 17	20 18	20 13	20 06	25 04	31 05	—
Peshawar	—	17 03	23 04	31 22	31 33	24 07	31 05	28 16	27 29	28 89	—	05 03	07 03	32 11	32 16	31 19	—	33 03	15 01	18 02	29 15	30 37	30 20	—
Quetta	—	—	—	—	30 07	35 07	28 20	27 19	27 23	—	—	—	No	ascent	—	—	—	—	—	—	30 06	31 34	—	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

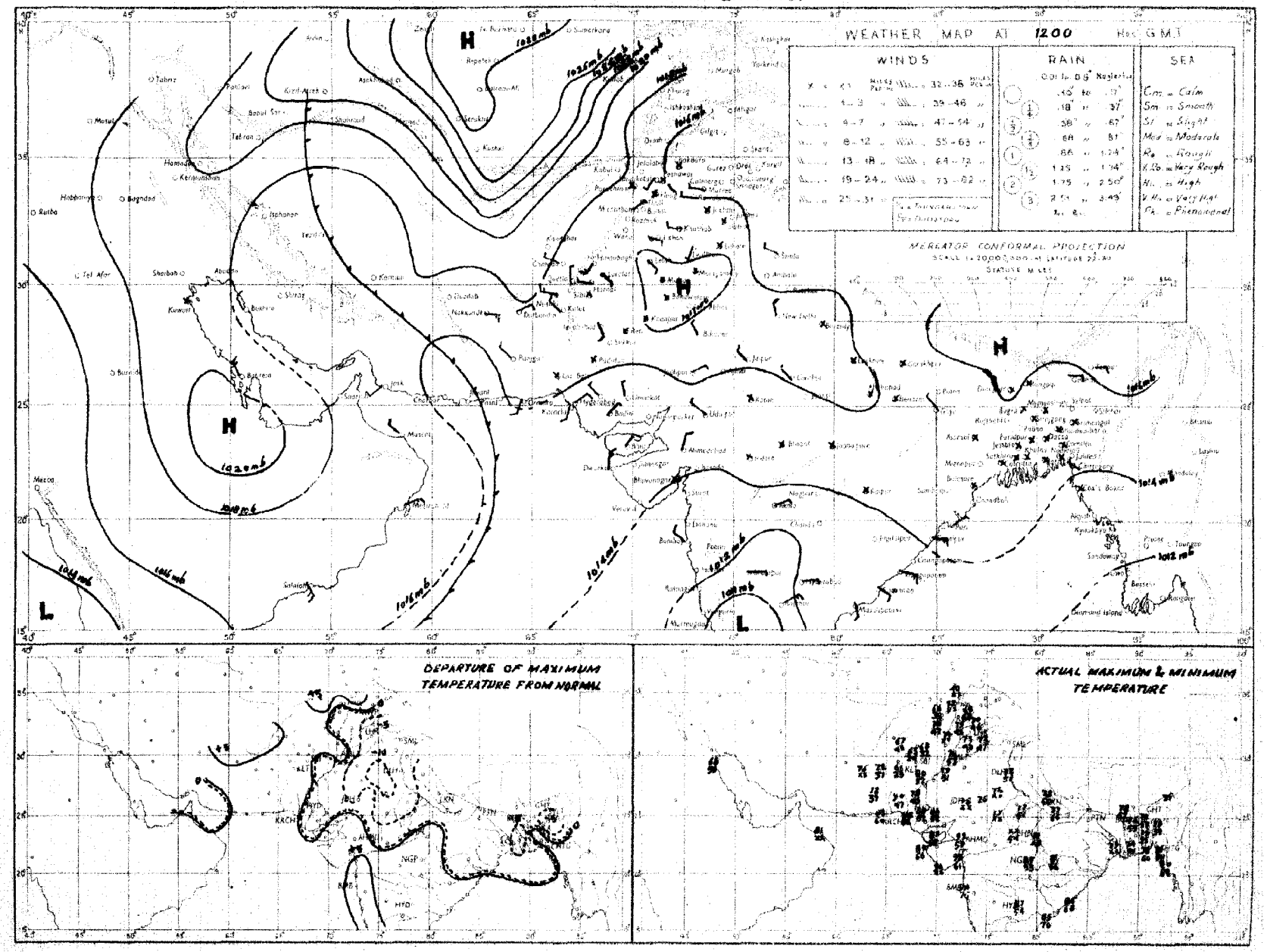
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.3, 0.5, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

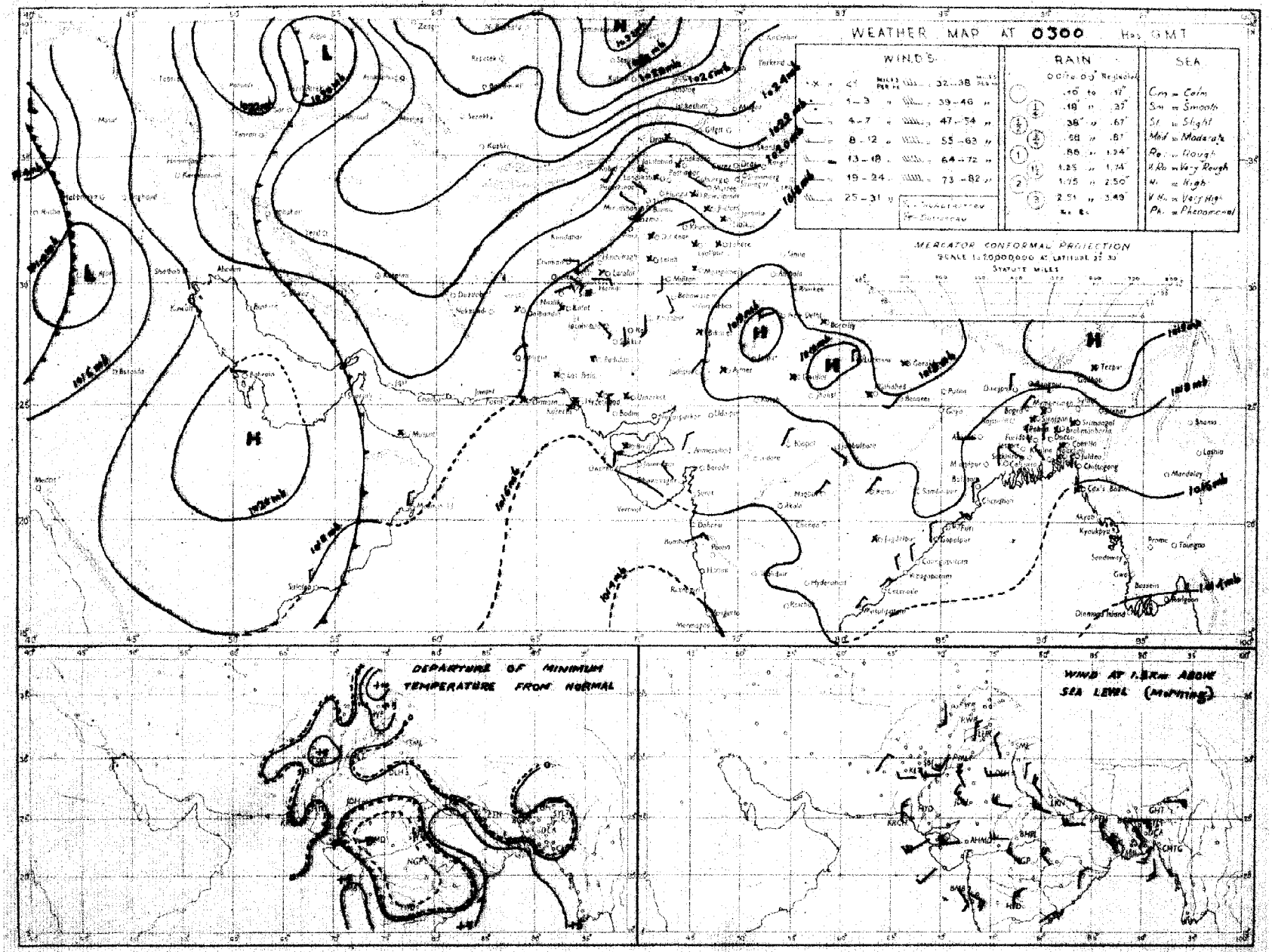
THURSDAY 29th NOVEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 30th. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past **24** *hours.*

Checked

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 1st DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance bordering Iraq now lies over northwest Iran and adjoining Russian Turkistan.

Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal in the Punjab and upper Sind and appreciably below normal in west Baluchistan.

Forecast valid until the evening of 2nd :—Weather will continue to be dry over the country.

Karachi-11.
The 1st December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 63	0 00 00	94 00 0	130 74	0 0 9 0 0	- - - 80	000 64	0 00 00	97 00 0	158 74	0 0 9 0 0	- - - 61	- 3	- 1	0.3	- 2.0	121.7	140
	Chittagong	000 63	0 81 02	96 00 0	125 73	0 0 9 0 0	- - - 83	000 65	0 02 02	97 00 0	157 75	0 0 9 0 0	× 1 1 61	+ 2	- 1	0	- 2.2	134.6	108
	Noakhali	000 63	0 00 00	×× ×× ×	××× 72	0 0 9 0 0	- - - 79	000 63	0 00 00	94 40 4	××× 69	0 0 9 0 0	- - - 60	- 2	- 1	0.7	- 0.9	—	115
	Comilla	000 64	0 00 00	96 00 0	124 72	0 0 9 0 0	- - - 74	000 63	1 36 02	98 00 1	169 71	1 1 7 0 0	- - - 61	- 8	- 4	1.4	+ 0.1	132.6	94
	Brahmanbaria	000 72	0 00 00	×× 00 0	133 75	0 0 9 0 0	- - - 80	000 63	0 05 02	97 00 1	165 74	0 0 9 0 0	- - - 62		-	0.9	- 0.2	66.4	78
	Dacca	000 68	0 00 00	×× 02 1	124 69	0 0 9 0 0	2 × × 79	××× 65	1 00 00	97 02 1	162 71	1 2 6 0 0	3 × × 56		-	—		—	
	Navayanganj	000 60	0 00 00	×× 00 1	141 72	0 0 9 0 0	8 × × 80	000 64	0 36 02	95 00 4	168 71	0 0 9 0 0	3 × × 60	- 1	0	0.7	- 0.2	89.5	74
	Mymensingh	000 64	0 00 00	98 00 2	163 72	0 0 9 0 0	- - - 80	000 60	0 00 00	98 00 0	167 65	0 0 9 0 0	- - - 58	0	- 1	3.0	+ 2.2	64.8	91
	Srimangal	000 67	0 00 00	×× 00 1	130 67	0 0 9 0 0	- - - 79	000 56	0 00 00	96 00 1	167 69	0 0 9 0 0	- - - 54	- 6	+ 3	1.4	0	106.6	98
	Khulna	000 61	0 00 00	98 00 0	136 70	0 0 9 0 0	- - - 81	000 64	0 00 00	98 00 0	172 72	0 0 9 0 0	- - - 58	0	0	0.8	- 0.3	54.2	86
	Satkhira	000 72	4 00 00	97 03 1	136 78	3 4 7 6 0	- - - 78	000 59	0 36 02	96 00 0	161 64	0 0 9 0 0	- - - 56	- 5	+ 1	0.2	- 0.5	44.9	68
	Jessore	000 61	0 00 00	×× 00 0	138 66	0 0 9 0 0	- - - 77	000 59	9 25 03	97 00 1	167 72	0 0 9 0 0	- - - 53			1.1	+ 0.1	47.0	65
	Faridpur	000 61	1 00 00	95 05 0	141 70	0 0 9 0 8	9 × × 70	000 63	0 34 02	95 05 0	167 6-	0 0 9 0 0	- - - 58	- 10	0	1.5	+ 0.4	57.0	71
	Barisal	000 60	0 27 02	97 00 1	125 72	0 0 9 0 0	- - - 80	000 63	0 02 02	98 00 0	164 67	0 0 9 0 0	- - - 60	- 1	+ 1	1.2	- 0.4	74.7	81
	Pabna																		59
	Rampur Boalia														+ 4	3.3	+ 2.6	69.1	58
	Sirajganj	000 66	1 00 00	×× 01 1	134 71	1 6 2 0 0	- - - 75	000 63	2 00 00	97 03 1	163 69	2 6 3 0 0	- - - 61						64
	Bogra	000 63	1 00 00	96 01 1	132 73	1 1 8 0 0	- - - 78	000 63	3 07 02	96 01 1	171 67	3 1 7 0 0	- - - 59	- 2	+ 2	2.0	+ 1.2	47.0	69
	Dinajpur	000 60	0 00 00	×× 00 0	147 66	0 0 9 0 0	- - - 78	000 61	0 00 00	96 00 0	185 68	0 0 9 0 0	- - - 54	- 2	- 1	0.6	+ 0.2	49.2	72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - -	000 ××	0 09 02	98 02 1	— —	0 0 9 0 0	- - - ××			1.2	+ 0.8	30.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Miegar																		
	Allabad																		
PUNJAB	Lyallpur	000 46	0 00 00	96 00 0	133 70	0 0 9 0 0	- - - 75	000 48	2 30 02	94 11 4	193 50	0 0 9 0 2	1 0 0 48	- 1	+ 5	0.4	+ 0.3	10.5	12
	Lahore	000 54	0 00 00	96 00 0	142 70	0 0 9 0 0	- - - 75	000 48	0 00 00	94 10 0	204 52	0 0 9 0 0	- - - 47	- 2	+ 5	1.3	+ 1.2	16.0	19
	Sialkot	000 55	0 00 00	97 00 0	140 66	0 0 9 0 0	- - - 79	000 51	0 00 00	98 00 0	202 55	0 0 9 0 0	- - - 51	+ 4	+ 6	1.0	+ 1.7	20.7	32
	Jhelum	000 55	0 00 00	97 00 0	152 65	0 0 9 0 0	- - - 68	000 51	0 00 00	96 10 0	214 51	0 0 9 0 0	- - - 46	—		1.9		28.6	—
	Rawalpindi	000 58	0 00 00	99 00 0	132 63	0 0 9 0 0	- - - 71	000 46	0 00 00	97 00 1	218 47	0 0 9 0 0	- - - 45	- 1	+ 6	2.1	+ 1.8	27.9	38
	Murree †	000 27	1 27 03	98 01 1	957 47	1 5 2 0 0	4 × × 55	000 27	0 31 02	98 00 1	989 39	0 0 9 0 0	9 - × 35	+ 2	- 2	2.6	+ 1.9	47.7	59
	Attock	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 00 00	91 ×× 0	— —	9 - 0 - -	- - - -		-				
	Khushab	000 50	0 00 00	99 00 0	135 72	0 0 9 0 0	- - - 74	000 47	0 07 05	99 00 0	201 50	0 0 9 0 0	- - - 47	- 4	+ 2	0.6	+ 0.5	8.6	15
	Montgomery	000 56	0 00 00	96 00 0	141 73	0 0 9 0 0	- - - 77	000 48	0 00 00	96 00 0	193 52	0 0 9 0 0	- - - 50	- 1	+ 3	1.1	+ 1.0	7.2	10
	Leiah	000 49	0 27 02	97 00 0	134 75	0 0 9 0 0	- - - 76	000 45	0 00 00	96 00 0	199 48	0 0 9 0 0	- - - 46			0.4	—	6.9	8
	Multan	000 46	0 18 05	97 00 0	132 76	0 0 9 0 0	- - - 79	000 48	0 36 05	95 00 0	198 54	0 0 9 0 0	- - - 51	+ 2	+ 6	0	- 0.1	6.9	7
	Khanpur	000 50	1 23 02	96 00 0	126 77	0 0 9 0 1	0 9 × 81	000 45	0 35 02	95 04 0	187 49	0 0 9 0 0	- - - 48	0	+ 2	0.1	0	2.1	6
	Bahawalpur	000 50	0 00 00	97 00 0	129 77	0 0 9 0 0	- - - 80	000 45	0 09 03	97 00 0	188 53	0 0 9 0 0	- - - 51	+ 1	+ 6	0.1	+ 0.1	4.6	4
	Fort Abbas							000 45	0 00 00	96 00 0	173 61	0 0 9 0 0	- - - ××		—	1.3		3.0	8
N. W. F. P.	Drosh *	000 10	0 00 00	99 00 0	992 55	0 0 9 0 0	- - - 61	000 20	0 00 00	99 00 0	068 40	0 0 9 0 0	- - - 38	+ 1	- 1	1.1	-	23.8	18
	Chakdara	000 43	0 20 03	99 00 0	112 ××	0 0 9 0 0	- - - 67	000 41	0 00 00	98 00 0	205 43	0 0 9 0 0	- - - 40		-	1.2		21.5	—
	Cherat *	000 46	0 18 05	97 00 0	996 54	0 0 9 0 0	- - - 63	000 41	0 18 02	98 00 0	047 43	0 0 9 0 0	- - - 41	+ 2	- 4	2.8	+ 0.4	31.7	28
	Peshawar	000 55	0 00 00	96 00 0	143 62	0 0 9 0 0	- - - 67	000 45	1 00 00	96 02 1	216 50	0 0 9 0 1	- - - 47	- 4	+ 4	0.8	+ 0.5	10.0	14
	Parachinar	000 25	0 13 02	99 00 0	067 55	0 0 9 0 0	- - - 55	000 27	3 13 02	99 01 1	970 43	4 0 9 3 0	5 × 7 35	- 5	0	1.0		2.9	22
	Miranshah	000 36	0 13 01	99 00 0	086 64	0 0 9 0 0	- - - 68	000 42	0 00 00	99 00 0	039 44	0 0 9 0 0	- - - 43		-	0.5	+ 0.9	1.1	13
	Bannu	000 43	0 18 02	99 00 0	131 70	0 0 9 0 0	- - - 71	000 45	0 31 02	99 00 0	207 49	0 0 9 0 0	- - - 46	-	-	0.5		0.2	11
	D. I. Khan	000 48	0 11 01	96 00 0	115 72	0 0 9 0 0	- - - 74	000 46	0 00 00	96 00 0	184 48	0 0 9 0 0	- - - ××	- 2	-	0	- 0.2	2.3	9
	Wana																		11
	Landikotal	000 51	0 05 03	99 00 0	981 56	0 0 9 0 0	- - - 66	000 40	0 00 00	99 00 0	039 40	0 0 9 0 0	- - - 38		-	0.9	—	12.8	—
	Hangu	××× ××	0 27 02	98 00 0	— —	0 0 9 0 0	- - - -	××× ××	2 27 02	90 03 1	— —	0 0 9 0 2	9 0 × —	—	—		—		—
	Thall *	××× ××	0 23 00	99 00 0	— —	0 0 9 0 0	- - - -	××× ××	2 00 00	99 00 0	— —	0 0 9 0 2	- - - -	—	—	—			—
BALUCHISTAN	Fort Sandeman *	000 31	0 00 00	96 05 0	002 68	0 0 9 0 0	- - - 70	000 21	0 00 00	97 05 0	065 42	0 0 9 0 0	- - - 36	+ 4	0	0.3	+ 0.1	10.2	11
	Hindubagh	000 08	0 28 00	98 00 0	965 58	0 0 9 0 0	- - - 67	000 29	0 00 00	98 00 0	995 35	0 0 9 0 0	- - - 30		-	0	—	9.0	—
	Loralai	000 15	0 00 00	98 00 0	964 63	0 0 9 0 0	- - - 68	000 14	0 31 05	98 00 0	035 34	0 0 9 0 0	- - - 32		-	0.1	-	8.6	—
	Harnai (a)	000 ××	0 00 00	96 00 0	— —	0 0 9 0 0	- - - -	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - -			0.1	- 0.1	10.7	14
	Sibi	000 35	0 38 05	99 00 0	115 79	0 0 9 0 0	- - - 82	000 38	0 00 00	98 00 0	176 52	0 0 9 0 0	- - - 49			0	-	3.8	5
	Quetta †	000 33	2 34 08	99 01 1	975 60	0 0 9 0 8	7 0 × 81	000 25	0 00 00	98 00 0	974 37	0 0 9 0 0	- - - 22			0.1	- 0.3	9.4	9
	Chaman	000 39	0 29 02	97 00 0	024 63	0 0 9 0 0	- - - 65	000 24	0 07 02	97 00 0	033 42	0 0 9 0 0	- - - 39	+ 2	+ 1	0	- 0.3	9.6	8
	Nushki	000 35	2 29 05	97 01 0	058 66	0 0 9 0 1	- - - 68	000 27	0 07 00	96 00 0	093 52	0 0 9 0 0	- - - 41		—	0		5.4	—
	Dalbandin *	023 35	2 09 07	95 05 1	016 68	0 0 9 0 2	- - - 69	000 25	1 00 00	95 05 0	032 41	0 0 9 0 1	- - - 34	0	- 3	0	- 0.1	1.8	4
	Nokundi	000 39	1 16 02	99 03 1	139 74	0 0 9 0 ×	9 0 × 76	000 17	2 34 05	99 03 0	202 45	0 0 9 0 1	0 0 × 43			0	—	1.0	2
	Kalat †	000 36	0 36 05	98 00 0	587 60	0 0 9 0 0	- - - 61	000 28	0 18 05	98 00 0	002 31	0 0 9 0 0	- - - 27	+ 2	0	0.5	+ 0.3	10.2	7
	Turbat																		—
	Panjgur *	000 23	0 31 03	97 00 0	002 68	0 0 9 0 0	- - - 69	000 17	0 05 10	97 00 0	018 40	0 0 9 0 0	- - - 36	0	- 5	0	-	3.2	5
	Las Bela	000 59	0 00 00	99 00 0	123 85	0 0 9 0 0	- - - 89	000 51	0 00 00	98 00 0	271 66	0 0 9 0 0	- - - 50			0	—	1.7	3
	Ormara														-				5
	Pasni																		6
	Jiwani																		4
SIND	Keti	000 44	0 23 03	96 00 0	124 80	0 0 9 0 0	- - - 82	000 40	0 05 03	96 00 0	189 50	0 0 9 0 0	- - - 45	-	—	0	—	2.2	—
	Jacobabad	000 41	1 23 02	97 01 1	117 79	0 0 9 1 0	- - - 81	000 38	0 05 02	97 00 0	171 58	0 0 9 0 0	- - - 54	+ 2	+ 5	0	- 0.1	0.7	4
	Sukkur	000 50	1 00 00	96 02 1	122 77	0 0 9 0 3	4 0 × 84	000 51	0 00 00	95 00 1	168 57	0 0 9 0 0	9 × × 54			0	-	1.6	4
	Padidan	000 44	0 00 00	95 00 0	120 80	0 0 9 0 0	- - - 81	000 40	0 00 00	98 00 0	161 55	0 0 9 0 0	- - - 49	—	-	0		0.9	—
	Karachi (Manora)	000 47	3 25 05	99 01 1	125 78	0 0 9 0 2	0 9 × 81	000 68	4 00 00	97 02 1	153 86	0 0 9 0 1	0 9 × 64	0	+ 1	0.1	0	1.7	3
	Kareachi (A.P.)	000 59	1 23 10	98 03 1	125 79	0 0 9 0 1	- - - 84	000 55	3 00 00	96 03 1	157 60	0 0 9 0 1	- - - 57	-		0		3.0	—
	Badin	000 54	0 00 00	97 00 0	130 88	0 0 9 0 0	- - - 89	000 49	0 13 02	97 00 0	171 61	0 0 9 0 0	- - - 56	+ 4	+ 2	0 9	+ 0.7	7.8	9
	Nagarparkar																		
	Chhor (Umarkot)	000 84	0 00 00	97 00 0	127 80	0 0 9 0 0	- - - 84	000 51	0 05 03	97 00 0	148 59	0 0 9 0 0	- - - 54	-		0		2.3	—
	Hyderabad	000 49	0 18 03	96 00 0	120 85	0 0 9 0 0	- - - 88	000 56	2 00 00	95 05 0	157 59	0 0 9 0 1	- - - 53	+ 5	- 1	0	- 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 16	0 16 03	99 00 0	007 58	0 0 9 0 0	- - - 61	000 06	4 29 02	99 02 1	033 31	0 0 9 0 2	- - - 29	—	—	0	—	10.6	12
	Jalalabad	000 50	0 00 00	97 00 0	009 68	0 0 9 0 0	9 × × 71	000 40	1 00 00	97 01 1	021 44	0 0 9 0 2	- - - ××	—	—	0.3	—	7.3	—
	Kandahar							000 24	0 00 00	97 00 0	040 30	0 0 9 0 0	- - - 27		—	0	—	10.5	—

See footnote on page 2

[P. T O.

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 1ST DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_2T_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_HT_L$	At 0300 Hrs. G. M. T. of date. RRR T_2T_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_HT_L$	Departure from Normal T_x T_L	T_n T_h	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal Rainfall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Arabia	Muscat	000 66	0 31 09	99 00 0	147 77	0 0 9 0 0	- - - 77	000 64	0 31 05	98 00 0	164 75	0 0 9 0 0	- - - xx	- 4	—	0	- 0.4	3.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	000 xx	1 13 09	97 00 0	169 75	0 0 9 0 1	- - - 77	000 59	0 29 05	97 00 0	196 64	0 0 9 0 0	- - - 61	—	—	0	—	1.5	

* Barometer readings reduced to 1 geodynamic Kilometre (3,550-3,355 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_M C_H	D_a v_a app	3 N_s Ch_s h_s	O T_s T_s T_d T_d	1 d_w d_w F_w H_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bharatraja	63 159	733 06	9 35 03	98 00 0	128 84	xx x xx	—	—	—	—
Bizwani	63 094	691 06	7 09 13	98 03 2	139 83	72 7 09	—	—	—	—
Sirsa	63 106	572 06	8 09 09	98 15 2	142 82	83 4 xx	—	—	—	—
Jalarajendra	63 167	633 06	0 05 02	98 02 0	134 74	—	—	—	—	—
Yenang Yaung	63 191	664 06	1 36 04	98 0x 0	161 81	10 5 40	7 4 327	—	0 00 74	1 36 43
Bharatraja	63 178	728 18	0 34 07	98 00 0	125 84	—	—	—	—	—
Sirsa	63 120	745 18	3 27 07	98 13 2	128 88	81 6 00	8 4 300	—	0 51 77	1 49 xx
Jalaraja	63 171	647 12	5 02 03	98 01 1	211 74	—	—	—	—	—
Yenang Yaung	62 199	655 12	3 36 03	98 02 0	141 79	80 5 60	7 4 316	—	0 00 69	1 36 32
Corto	63 155	570 18	2 03 15	98 02 1	164 79	21 5 00	2 6 310	—	0 03 68	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 14	011 23	163 60	Misda						

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	10 02	07 03	05 03	01 03	29 16	27 22	—	—	—	—	36 07	36 03	36 04	07 06	—	—	13 02	03 03	03 05	03 07	12 05	—	—	
Chhor	28 01	31 02	31 03	04 05	31 09	31 17	32 18	31 33	—	—	—	—	—	—	—	—	05 04	09 03	08 06	08 04	06 11	29 05	26 13	27 16
Chittagong	30 03	36 02	16 09	18 08	22 07	25 10	27 23	—	—	—	01 05	03 04	15 02	19 09	28 11	—	02 08	02 05	15 04	14 27	15 03	22 06	24 19	24 24
Cox's Bazar	23 64	15 04	16 03	14 15	23 07	27 09	28 17	—	—	—	35 13	35 03	20 05	15 10	—	—	02 05	12 02	17 10	17 06	17 05	26 06	25 12	25 18
Dacca	03 02	07 03	09 03	08 05	20 02	27 14	36 29	—	—	—	—	—	—	—	—	—	03 04	03 07	07 07	18 11	20 11	24 25	27 27	26 39
Dalbandin	—	—	03 06	06 07	01 03	34 15	31 03	31 31	31 56	—	—	—	03 05	07 08	07 04	27 03	—	—	08 05	14 05	35 03	27 05	27 21	30 32
Drosh	—	—	—	—	02 07	01 09	31 03	28 22	29 41	—	—	—	—	12 01	04 05	02 07	—	—	—	—	02 05	36 15	25 03	32 30
Fort Sandeman	—	—	—	26 04	26 08	32 11	31 20	32 34	31 61	—	—	—	—	09 04	03 06	28 05	—	—	—	04 01	03 08	23 06	29 20	—
Jacobabad	25 06	09 07	10 05	10 03	16 06	35 05	31 25	32 27	31 37	32 62	24 04	15 05	19 10	16 05	25 05	—	08 12	08 03	07 03	02 02	20 07	26 09	—	32 39
Jhelum	14 03	28 02	27 02	31 09	31 16	31 03	29 16	28 19	29 28	—	06 03	10 01	10 02	32 08	30 10	30 11	03 01	04 03	07 01	35 03	32 06	30 09	32 15	
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Karachi	29 10	27 05	29 08	29 09	29 18	30 22	31 20	32 40	32 49	32 58	26 11	26 12	25 11	26 13	25 15	—	30 05	29 05	26 03	04 01	29 05	24 08	25 10	29 31
Khanpur	23 06	23 07	22 08	27 07	32 11	30 23	30 31	30 39	—	—	14 15	19 06	20 04	35 04	31 10	29 12	13 13	13 08	08 04	02 02	04 04	29 15	30 28	29 34
Lahore	36 02	30 03	31 06	34 13	33 13	32 11	29 15	29 26	27 35	28 39	11 04	13 03	14 03	15 03	13 01	08 06	27 04	30 03	30 03	36 14	33 15	32 12	32 30	
Multan	17 12	18 02	19 11	19 11	26 04	31 09	31 21	30 31	—	—	14 08	17 13	19 11	22 12	15 03	25 09	15 09	16 09	20 04	12 03	08 02	23 03	30 28	27 37
Peshawar	—	06 04	20 03	27 12	27 13	28 21	29 22	29 27	29 38	29 39	—	27 01	35 02	14 03	05 02	30 17	—	32 07	34 03	35 02	05 01	08 10	27 18	33 25
Quetta	—				31 03	33 17	32 24	31 37	31 62	31 80	—	—	No	ascent	—	—	—	—	—	—	33 02	29 10	27 20	—
Bushire	—				—						—	—			—		—				—	—	—	
Sharjah	—																					—		

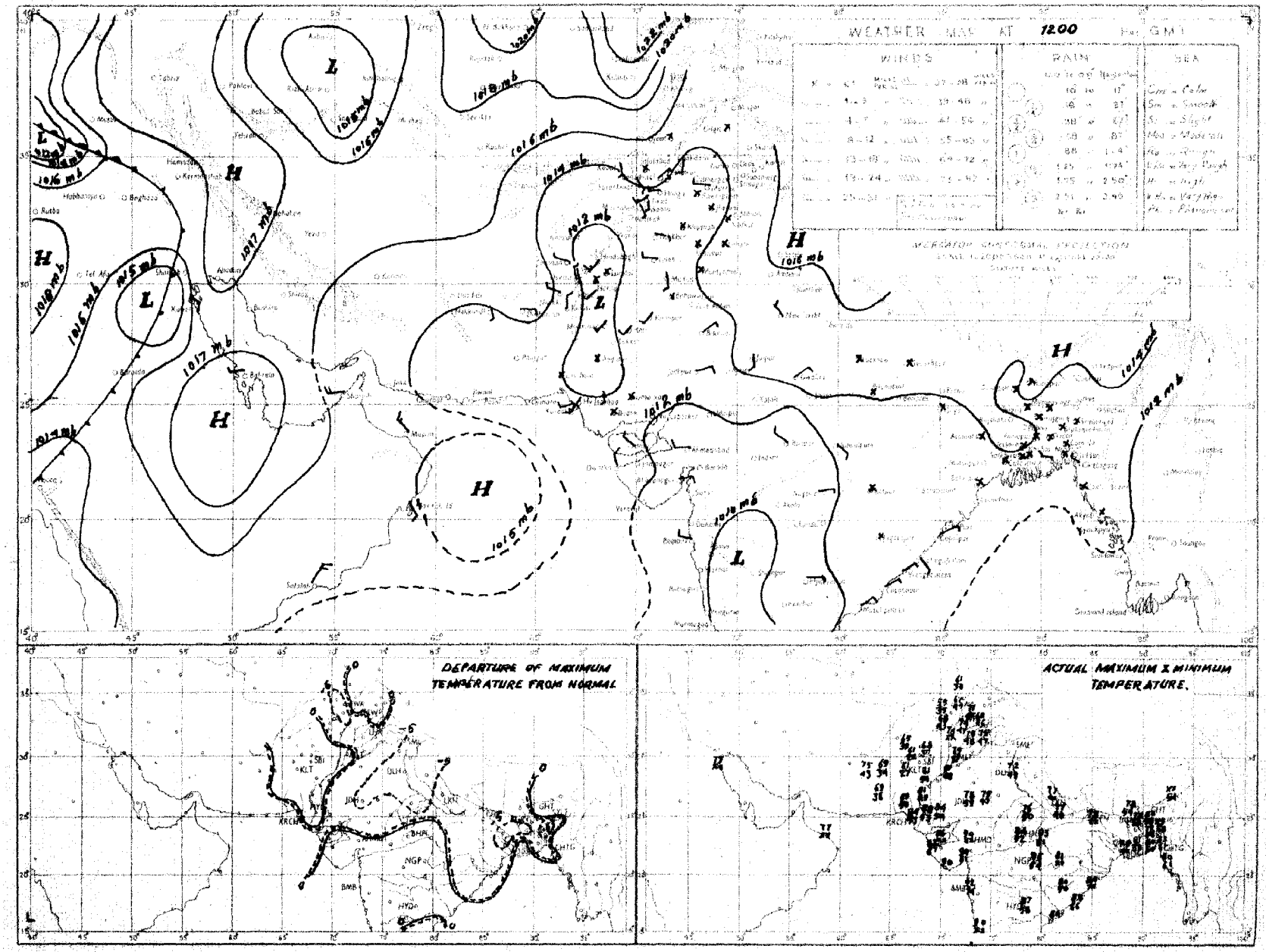
Cloud Observation Data (iiiGG Cddv, v_r)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.8, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

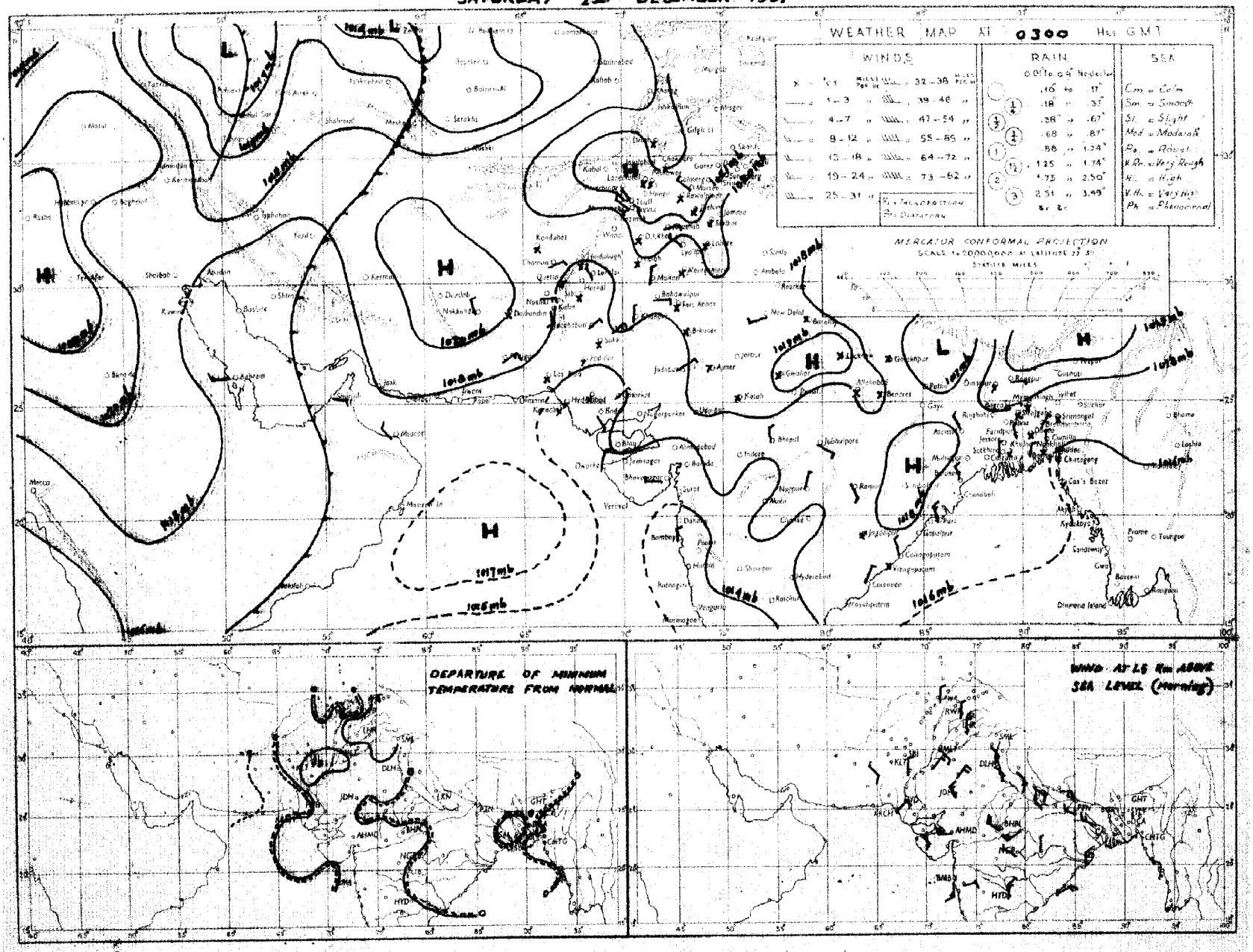
FRIDAY 30th. NOVEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 1st. DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SUNDAY, THE 2nd DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance is approaching north Iraq.

A ridge of high extends from Russian Turkistan to Baluchistan.

Weather continued to be dry over the country.

Night temperatures were appreciably above normal in the Punjab and the Northern sub-division of East Pakistan and appreciably below normal in west Baluchistan.

Forecast valid until the evening of 3rd :—Weather will continue to be dry over the country.

Karachi-11.
The 2nd December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 63	0 34 02	96 00 0	124 73	0 0 9 0 0	- - - xx	000 61	0 00 00	97 10 0	155 73	0 0 9 0 0	0 x x 60	-	0	0	- 2.1	134.6	140
	Chittagong	000 65	0 00 00	92 45 4	xxx 73	0 0 9 0 0	- - - 81	000 62	0 00 00	93 04 5	xxx 68	0 0 9 0 0	- - - 60	+ 1	- 1	0.7	- 0.9	—	108
	Noakhali	000 64	3 00 00	96 02 0	119 78	3 2 7 0 0	- - - 85	000 62	0 00 00	98 00 0	157 69	0 0 9 0 0	- - - 61	+ 4	+ 4	1.4	+ 0.1	132.6	115
	Comilla	000 25	0 00 00	xx 00 1	130 73	0 0 9 0 0	- - - 84	000 63	2 36 02	97 01 1	161 73	0 0 9 4 0	0 x 4 62			0.9	- 0.2	65.4	94
	Brahmanbaria	xxx 62	1 00 00	xx 01 1	127 70	1 1 8 0 0	- - - 81	xxx 63	5 34 01	96 02 2	161 67	6 8 5 0 0	3 x x 57				—	—	78
	Dacca	000 63	0 00 00	xx 00 1	117 73	0 0 9 0 0	8 x x 83	000 62	7 31 02	94 03 1	153 70	7 5 5 0 0	6 x x 61	+ 3	- 1	0.7	- 0.2	89.5	74
	Narayanganj	000 56	0 00 00	99 00 0	135 70	0 0 9 0 0	- - - 79	000 60	0 00 00	98 00 0	157 70	0 0 9 0 0	- - - 58	0	- 1	3.0	+ 2.2	64.8	91
	Mymensingh	000 67	1 00 00	xx 01 1	131 69	1 7 x 0 0	- - - 82	000 65	4 00 00	96 02 1	162 71	1 2 7 3 0	- - - 56	- 1	+ 5	1.4	0	106.6	93
	Srimangal																		
	Khulna	000 60	0 00 00	96 00 0	133 72	0 0 9 0 0	- - - 79	000 57	0 31 02	98 00 0	167 79	0 0 9 0 0	- - - 53	- 1	0	0.8	- 0.4	54.2	68
	Satkhira	000 63	2 00 00	97 01 0	132 73	2 5 7 0 0	- - - 78	000 59	0 23 02	97 00 1	161 67	0 0 9 0 0	- - - 55	- 4	0	0.2	- 1.5	44.9	65
	Jessore	000 62	0 00 00	xx 00 1	136 70	0 0 9 0 0	- - - 78	000 62	0 23 03	97 00 0	165 63	0 0 9 0 0	- - - 52			1.0	+ 0.1	47.0	65
	Faridpur	000 70	2 00 00	95 05 0	129 73	2 4 7 0 0	9 x x 72	000 60	4 34 02	95 05 0	165 67	4 4 7 0 0	9 x x 57	- 6	- 1	1.5	+ 0.4	57.0	71
	Barisal	000 64	1 00 00	97 01 1	126 73	1 5 7 0 0	- - - 81	000 60	0 31 02	98 00 0	162 69	0 0 9 0 0	- - - 60	+ 1	+ 1	1.2	- 0.4	74.7	81
	Pabna																		59
	Rampu Boalia																		56
	Sirajganj	000 62	2 00 00	xx 02 1	124 72	2 6 2 0 0	- - - 75	000 63	6 00 00	96 03 2	157 68	0 0 9 6 0	0 0 0 60	- 4	+ 4	3.3	+ 2.6	69.1	64
	Bogra	000 59	1 00 00	96 01 0	132 72	1 1 8 0 0	- - - 29	000 62	2 02 02	95 01 0	166 66	2 1 7 0 0	- - - 59	0	+ 2	2.0	+ 1.2	47.0	69
	Dinajpur	000 65	0 00 00	xx 00 0	149 73	0 0 9 0 0	- - - 78	000 59	0 00 00	96 00 0	173 68	0 0 9 0 0	- - - 57	- 1	+ 2	0.6	+ 0.2	49.3	72
	Rangpur	000 xx	0 00 00	xx 00 1	— —	0 0 9 0 0	- - - -	000 xx	0 09 02	98 00 1	— —	0 0 9 0 0	- - - -			1.2	+ 0.8	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Aliabad																		
PUNJAB	Lyallpur	000 50	0 00 00	96 00 0	163 70	0 0 9 0 0	- - - 72	000 48	0 00 00	92 40 4	196 49	0 0 9 0 0	8 0 0 47	- 1	+ 4	0.4	+ 0.3	10.5	12
	Lahore	000 57	0 00 00	96 00 0	162 67	0 0 9 0 0	- - - 73	000 45	0 00 00	94 10 0	194 52	0 0 9 0 0	- - - 47	- 4	+ 5	1.3	+ 1.2	16.0	19
	Sialkot	000 55	0 00 00	97 00 0	163 67	0 0 9 0 0	- - - 71	000 50	0 31 02	97 00 0	194 53	0 0 9 0 0	- - - 50	- 2	+ 5	1.9	+ 1.8	20.7	32
	Jhelum	000 55	0 00 00	96 00 0	166 66	0 0 9 0 0	- - - 71	000 49	0 00 00	96 00 0	200 52	0 0 9 0 0	- - - 47	—		1.9		28.6	—
	Rawalpindi	000 49	0 00 00	96 00 0	171 67	0 0 9 0 0	- - - 70	000 45	0 00 00	97 00 0	225 45	0 0 9 0 0	- - - 44	- 1	+ 5	2.1	+ 1.8	27.0	26
	Murree †	000 36	4 16 03	96 01 1	974 42	3 5 2 8 0	- - - 50	000 21	0 13 03	98 00 1	984 40	0 0 9 0 0	9 x x 37	- 2	0	2.6	+ 1.8	47.7	50
	Attock	xxx xx	0 00 00	99 00 0	— —	0 0 9 0 0	- - - -	xxx xx	9 00 00	91 40 0	— —	9 - 0 - -	- - - -		—				
	Khushab	000 50	0 29 05	99 00 0	166 71	0 0 9 0 0	- - - 76	000 49	0 18 02	99 00 0	201 52	0 0 9 0 0	- - - 48	0	+ 3	0.6	+ 0.5	8.6	15
	Montgomery	000 57	0 00 00	97 00 0	169 69	0 0 9 0 0	- - - 72	000 48	0 31 03	96 00 0	195 52	0 0 9 0 0	- - - 50	- 5	+ 3	1.1	+ 1.0	7.3	10
	Leiah	000 49	0 00 00	97 00 0	164 73	0 0 9 0 0	- - - 75	000 47	0 00 00	97 00 0	200 54	0 0 9 0 0	- - - 48			0.4	—	6.9	8
	Multan	000 44	0 36 02	97 00 0	169 78	0 0 9 0 0	- - - 76	000 48	0 00 00	96 00 0	208 56	0 0 9 0 0	- - - 49	0	+ 4	0	- 0.1	5.9	7
	Khanpur	000 47	1 02 03	95 04 0	150 75	0 0 9 0 1	0 3 2 77	000 45	0 02 02	95 04 0	198 48	0 0 9 0 0	- - - 46	- 2	0	.1	0	2.1	6
	Bahawalpur	000 51	0 00 00	97 00 0	162 71	0 0 9 0 0	- - - 79	000 48	0 00 00	97 00 0	195 50	0 0 9 0 0	- - - 49	+ 2	+ 4	0.1	+ 0.1	4.6	6
	Fort Abbas	000 56	0 23 03	96 00 0	163 70	0 0 9 0 0	- - - 76	000 45	0 23 02	95 00 0	193 61	0 0 9 0 0	- - - 49		—	1.3		5.0	8
N. W. F. P.	Dosh *	000 06	0 00 00	99 00 0	021 55	0 0 9 0 0	- - - 69	000 19	0 00 00	99 00 0	079 40	0 0 9 0 0	- - - 38	+12	- 1	1.1		25.2	18
	Chakdara	000 50	0 25 05	99 00 0	161 61	0 0 9 0 0	- - - 69	000 41	0 00 00	98 00 0	217 43	0 0 9 0 0	- - - 41			1.2		21.5	—
	Cherat *	000 47	1 00 00	97 01 1	028 53	1 1 6 0 0	7 x x 58	000 38	0 36 04	98 00 0	039 45	0 0 9 0 0	- - - 42	- 1	- 3	2.0	+ 2.4	31.7	29
	Peshawar	000 53	1 00 00	96 02 1	162 63	0 0 9 0 1	- - - 70	000 45	0 23 02	96 00 0	212 47	0 0 9 0 0	- - - 45	0	+ 2	0.8	+ 0.4	9.0	14
	Parachinar	000 34	0 13 02	99 00 1	983 51	0 0 9 0 0	- - - 59	000 30	0 00 00	99 00 0	990 39	0 0 9 0 0	- - - 36	0	+ 1	1.0		2.9	29
	Miranshah	000 42	0 18 01	99 00 0	026 62	0 0 9 0 0	x x x xx	000 40	0 00 00	99 00 0	039 44	0 0 9 0 0	- - - 43	—	-	0.5	+ 0.5	1.1	13
	Bannu	000 49	0 18 02	99 01 0	164 69	0 0 9 5 0	- - - 72	000 45	0 31 02	99 00 0	201 51	0 0 9 0 0	- - - 47	—	-	0.5		6.3	11
	D. I. Khan	000 47	0 00 00	98 00 0	160 70	0 0 9 0 0	- - - 74	000 45	0 00 00	96 00 0	206 47	0 0 9 0 0	- - - 49	- 1	+ 4	0	- 0.2	2.8	9
	Wana																		11
	Landikotal	000 42	0 00 00	99 00 0	016 55	0 0 9 0 0	- - - 60	000 36	0 00 00	99 00 0	036 44	0 0 9 0 0	- - - 37			0.9	—	12.8	—
	Bangu	xx x xx	1 11 02	93 02 1	— —	0 0 9 4 0	9 x x —	xx x xx	0 00 00	99 00 0	— —	0 0 9 0 0	- - - -	—	—		—		—
	Thall	xx x xx	0 27 00	98 00 0	— —	0 0 9 0 0	- - - -	xx x xx	0 09 09	99 00 0	— —	0 0 9 0 0	- - - -	-	—	—	-	-	—
BALUCHISTAN	Fort Sandeman*	000 31	0 05 00	95 05 0	009 62	0 0 9 0 0	- - - 66	000 09	0 00 00	97 05 0	057 40	0 0 9 0 0	- - - 36	+ 1	0	0.3	+ 0.1	10.2	11
	Hindubagh	000 21	0 09 00	98 00 0	976 59	0 0 9 0 0	- - - 64	000 13	0 23 05	98 00 0	004 40	0 0 9 0 0	- - - 31			0	—	9.0	—
	Loralai	000 21	0 13 05	96 00 0	003 59	0 0 9 0 0	- - - 63	000 15	0 23 02	96 00 0	036 32	0 0 9 0 0	- - - 31		-	0.1		8.6	—
	Harnai (a)	000 xx	0 27 07	95 00 0	— —	0 0 9 0 0	- - - -	000 xx	0 11 05	96 00 0	— —	0 0 9 0 0	- - - -	-	-	0.1	- 0.1	10.7	14
	Sibi	000 42	0 00 00	99 00 0	143 77	0 0 9 0 0	- - - 80	000 35	0 00 00	98 00 0	194 53	0 0 9 0 0	- - - 30			0	—	3.8	5
	Quetta †	000 37	0 34 07	99 00 0	972 61	0 0 9 0 0	- - - 64	000 24	0 00 00	98 10 0	092 38	0 0 9 0 0	- - - 27			0.1	- 0.3	9.4	9
	Chaman	000 42	0 23 02	97 00 0	018 62	0 0 9 0 0	- - - 65	000 31	0 09 02	97 00 0	057 42	0 0 9 0 0	- - - 60	+ 4	+ 2	0	- 0.4	9.6	8
	Nushki	000 37	0 29 09	97 00 0	076 66	0 0 9 0 0	- - - 69	000 24	0 27 03	96 00 0	106 50	0 0 9 0 0	- - - 44		—	0		5.4	—
	Dalbandin *	028 20	0 05 02	96 00 0	016 65	0 0 9 0 0	- - - 69	000 11	0 00 00	96 00 0	046 43	0 0 9 0 0	- - - 34	0	- 3	0	- 0.1	1.8	4
	Nokkundi	000 32	0 16 02	99 00 1	131 75	0 0 9 0 0	9 x x 77	000 20	0 34 02	99 00 0	223 48	0 0 9 0 0	- - - 44			0	—	1.0	2
	Kalat †	000 40	0 36 05	98 00 0	983 63	0 0 9 0 0	- - - 66	000 22	0 18 05	98 00 0	007 28	0 0 9 0 0	- - - 25	+ 8	- 2	0.5	+ 0.3	10.2	7
	Turbat	000 28	0 31 05	97 00 0	996 68	0 0 9 0 0	- - - 75	000 14	0 05 05	97 00 0	033 41	0 0 9 0 0	- - - 35	+ 6	- 6	0	—	3.2	5
	Panjgur *	000 61	0 00 00	99 00 0	125 84	0 0 9 0 0	- - - 89	000 49	0 00 00	98 00 0	174 64	0 0 9 0 0	- - - 51	—	-	0	—	1.7	8
	Las Bela	000 71	0 11 09	97 00 0	130 77	0 0 9 0 0	- - - 78	000 61	0 00 00	97 00 0	174 63	0 0 9 0 0	- - - 57	—	—	0	0	3.1	6
	Ormara																		6
	Pasni																		4
	Jiwani																		
SIND	Reti	000 33	0 05 02	96 00 0	154 77	0 0 9 0 0	- - - 79	000 40	0 36 05	96 00 0	190 49	0 0 9 0 0	- - - 45	—	—	0	—	2.2	—
	Jacobabad	000 42	0 13 02	97 00 1	151 79	0 0 9 0 0	- - - 82	000 41	0 29 02	97 00 0	198 52	0 0 9 0 0	- - - 51	+ 4	+ 2	0	- 0.1	0.7	5
	Sukkur	000 46	2 xx xx	96 02 1	148 78	5 0 x 81	0 9 x 82	000 51	0 xx xx	96 00 1	190 57	0 0 9 0 0	- - - 50			0	—	1.0	4
	Padidan	000 45	0 00 00	98 00 0	144 79	0 0 9 0 0	- - - 81	000 45	0 00 00	98 00 0	188 50	0 0 9 0 0	- - - 46	—	—	0	-	0.9	—
	Karachi (*Manora*)	000 64	3 25 05	99 02 1	123 78	0 0 9 0 1	0 9 x 82	000 55	0 05 09	97 00 0	175 66	0 0 9 0 0	- - - 65	+ 1	+ 5	0.1	0	1.7	3
	Karachi (*A. P.*)	000 45	1 18 07	97 01 1	135 80	0 0 9 0 1	- - - 86	000 44	0 36 02	97 00 1	180 62	0 0 9 0 0	- - - 56	—	-	0		8.0	—
	Badin	000 41	0 05 02	97 00 0	128 85	0 0 9 0 0	- - - 88	000 42	0 36 03	97 00 0	187 52	0 0 9 0 0	- - - 51	+ 5	- 3	0 9	+ 0.7	7.8	9
	Nagarparkar	000 67	0 34 03	97 00 0	128 81	0 0 9 0 0	- - - 85	000 50	0 05 05	97 00 0	174 58	0 0 9 0 0	- - - 52		+ 2	0	—	2.3	—
	Chhor (*Umarkot*)	000 44	0 05 03	96 00 0	129 80	0 0 9 0 0	- - - 84	000 42	0 36 03	96 00 0	187 59	0 0 9 0 0	- - - 56	+ 2	-	0	- 0.1	2.0	7
	Hyderabad																		23
Junagarh	Veraval																		
Afghanistan	Kabul	000 19	1 02 02	99 01 0	007 54	0 0 9 0 x	- - - 57	000 24	0 20 04	99 00 0	026 37	0 0 9 0 0	- - - 30	—	—	0	—	10.6	12
	Jalalabad	000 51	0 09 02	97 00 1	014 65	0 0 9 0 0	- - - 69	000 29	0 00 00	97 00 0	017 49	0 0 9 0 0	9 x x xx	—	—	0.3	—	7.8	—
	Kandahar	000 29	0 00 00	98 00 0	004 62	0 0 9 0 0	- - - 68	000 26	2 00 00	97 01 0	040 36	0 0 9 0 9	- - - 26	—		0	—	10.5	—

See footnote on page 2

[P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 2ND DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_gT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_mC_n$	$W_1D_aD_mT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_gT_d	N dd ff	VVwwW	PPP TT	$N_hC_thC_mC_n$	$W_1D_aD_mT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arabia	Muscat	—	000 67	0 31 05	99 00 0	134 78	0 0 9 0 0	- - - 78	000 67	6 00 00	99 03 0	171 75	6 2 6 0 0	- - - 72	- 2	+ 4	0	- 0.4	3.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
	Kuwait	—	000 58	0 36 02	97 00 0	167 72	0 0 9 0 0	- - - 72	000 47	0 27 02	97 00 0	176 68	0 0 9 0 0	- - - 57	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_t hC_m C_n$	$D_s v_s$ sss	S $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
KARABIAN SEA										
Corfu	73 143	606 06	2 01 10	99 02 0	162 80	11 6 35	2 6 310	—	0 03 61	—
Yenang Yaung	73 225	631 06	0 83 02	98 00 0	166 80	00 9 00	7 4 115	—	0 00 65	1 33 42
Sirsa	73 149	727 06	6 07 09	98 02 3	149 82	11 6 08	8 4 110	—	0.52 73	1 07 21
Jalaratna	73 181	690 06	0 05 01	98 00 0	118 73	—	—	—	—	—
Bharatraja	73 197	721 06	0 03 12	98 00 0	139 82	×× × ××	—	—	—	—
Bharatra a	73 206	718 12	0 02 05	98 00 0	115 88	×× × ××	—	—	—	—
Corfu	73 171	642 18	1 03 03	99 01 1	148 77	14 × 00	2 6 303	—	0 00 66	—
Corfu	73 167	624 12	3 03 10	99 00 0	140 80	21 6 70	2 6 615	—	0 04 64	—
Jalarajendra	73 183	703 12	1 05 11	98 01 1	134 76	—	—	—	—	—
Yenang Yaung	73 229	620 12	0 00 00	98 00 0	144 80	00 9 00	7 4 006	—	0 00 65	1 ×× <<
Jalamanjari	73 124	578 12	7 36 13	98 02 0	108 81	73 4 02	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_0P_0P_0T_0T_0$	$T_{d0}T_{d0}T_{T0}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{T1}$ etc.	5555	$h_1h_1P_1P_1P_1$	$T_1T_1T_{d1}T_{d1}T_{T1}$ etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	—	780 14	012 23	144 60	000 42	221 24	884 91	096 21	545 55	349 00 105 15
										858 00 079 91

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	12 06	12 02	12 02	22 02	22 07	26 20	24 51	24 51	—	—	35 09	01 07	04 04	13 02	—	—	09 01	16 05	09 03	08 05	09 03	26 09	26 11	—
Chhor	04 04	05 09	04 12	06 10	09 06	29 11	26 28	27 14	29 43	—	32 04	33 05	01 02	17 23	17 22	22 10	06 19	05 15	01 15	01 19	03 12	32 03	33 10	31 29
Chittagong	31 09	31 07	06 03	14 19	15 16	19 09	—	—	—	—	04 05	04 04	10 06	17 21	18 15	22 14	24 33	—	—	—	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	02 09	03 04	18 05	18 11	23 15	25 19	05 03	16 02	15 03	14 07	19 16	—	—	—
Dacca	21 02	13 02	12 03	15 05	21 15	—	—	—	—	—	—	—	07 04	35 04	24 09	30 09	—	—	06 04	05 06	33 06	24 17	27 15	32 09
Dalbandin	—	—	09 04	02 05	33 05	28 11	27 15	29 29	30 32	—	—	—	—	09 01	02 07	01 18	—	—	—	—	05 11	01 21	01 15	30 30
Drosh	—	—	—	—	04 07	01 07	21 05	29 17	29 38	—	—	—	—	—	23 03	29 16	—	—	—	31 03	25 07	31 06	31 25	—
Fort Sandeman	—	—	—	35 04	29 04	23 19	27 41	—	—	—	—	—	—	—	—	—	10 08	12 03	26 03	04 03	28 03	33 11	—	—
Jacobabad	11 04	11 03	13 03	19 05	24 06	28 13	27 25	33 37	33 47	—	—	33 09	33 07	33 03	27 05	27 19	32 04	33 03	33 06	35 03	31 04	08 03	29 12	30 31
Jhelum	30 01	33 01	36 03	36 04	29 07	33 03	30 26	30 36	30 47	—	35 04													
Jiwani	—	—	—	—	—	—	—	—	—	—	00 14	05 10	06 10	09 11	09 04	35 05	06 17	06 15	05 07	04 03	05 03	10 04	34 09	30 22
Karachi	11 04	09 04	11 04	32 02	30 02	28 08	27 21	30 37	29 37	29 54	08 06	05 05	34 04	35 03	30 10	31 12	11 10	07 08	35 07	35 05	30 07	29 12	20 25	—
Khanpur	05 04	07 06	08 08	09 04	30 02	29 14	29 26	28 31	29 03	29 55	34 09	33 10	01 10	01 01	33 10	32 05	31 06	34 10	31 09	33 07	30 03	29 07	—	—
Lahore	04 02	03 07	01 05	35 08	32 07	29 13	30 27	30 34	—	—	16 08	15 05	17 03	23 03	31 09	30 09	14 05	12 06	11 03	30 04	31 05	30 05	38 23	—
Multan	12 02	03 03	08 03	10 03	24 06	24 07	28 28	28 33	—	—	—	10 02	08 02	33 06	34 09	35 07	—	30 02	35 01	34 03	31 19	33 12	—	—
Peshawar	—	08 03	06 02	34 03	05 01	33 06	28 19	29 28	29 39	—	—	—	No	ASCENT	—	—	—	—	—	—	32 09	35 13	—	—
Quetta	—	—	—	—	28 02	26 10	27 23	29 31	27 38	—	—	—			—						—	—	—	—
Bushire	—					—																		
Sharjah	—					—																		

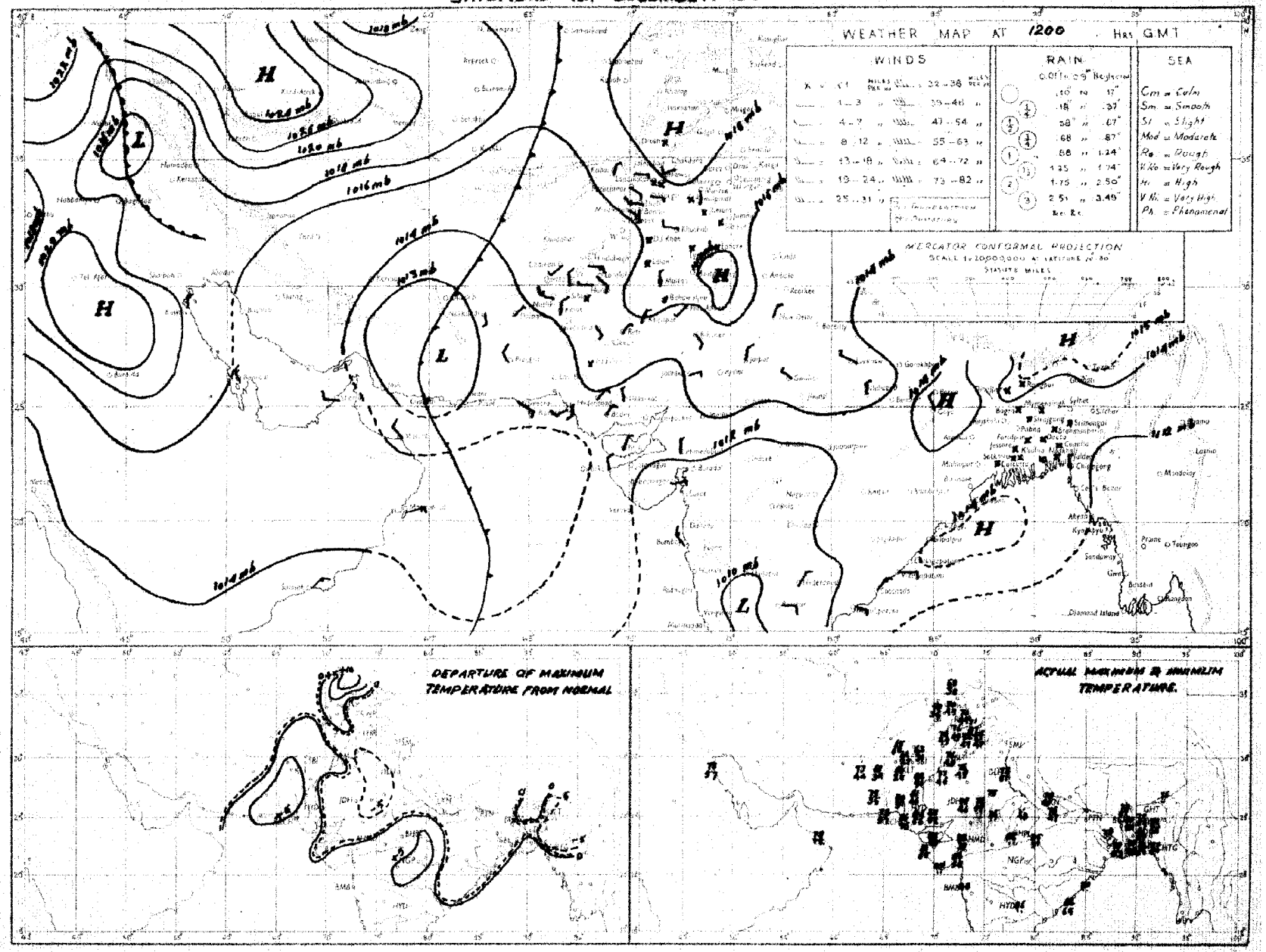
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

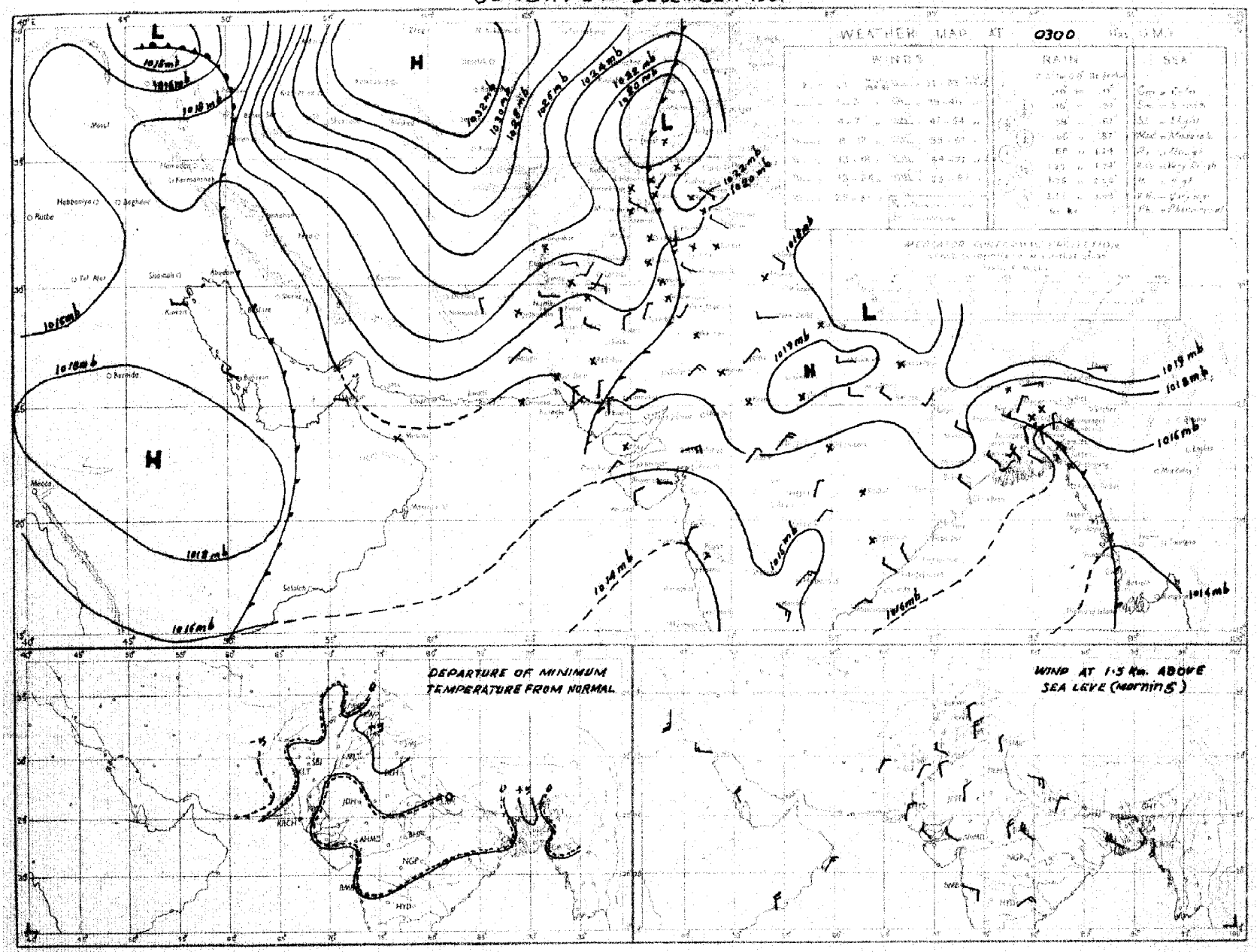
SATURDAY 1st. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SUNDAY 2nd DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR MONDAY, THE 3rd DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's western disturbance lies over Iraq. It is moving slowly eastwards.

The ridge of high from Russian Turkistan to Baluchistan persists.

Weather continued to be dry over the country.

Night temperatures were generally appreciably above normal in the Punjab, and generally appreciably below normal in west Baluchistan.

Forecast valid until the evening of 4th :—Weather will continue to be dry over the country.

Karachi-11.
The 3rd December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$ C$_H$	W$_t$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$ C$_H$	W$_t$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 63	1 00 00	94 01 1	140 75	0 0 9 4 0	1 × 0 83							+ 2					140
	Chittagong	000 63	0 25 05	96 00 0	135 73	0 0 9 0 0	0 × × 83	000 63	3 36 05	97 02 1	171 78	0 0 9 7 1	0 9 9 63	+ 3	+ 3	0	− 2.2	134.6	108
	Noakhali	000 62	0 00 00	92 47 4	××× 74	0 0 9 0 0	− − − 81	000 63	0 00 00	94 40 4	××× 72	0 0 9 0 0	− − − 59	+ 1	− 2	0.7	− 0 1	—	115
	Comilla	000 65	0 00 00	98 00 0	129 73	0 0 9 0 0	− − − 75	000 63	0 18 02	98 00 0	182 68	0 0 9 0 0	− − − 59	− 6	+ 2	1.4	+ 0.1	132.6	94
	Brahmanbaria	000 65	0 00 00	×× 00 1	136 76	0 0 9 0 0	− − − 85	000 66	0 00 00	97 00 1	173 77	0 0 9 0 0	− − − 63		−	0.9	− 0.2	66.4	78
	Dacca	××× 63	0 00 00	×× 01 1	134 72	0 0 9 0 0	3 × × 83	××× 64	0 00 00	96 00 1	168 70	0 0 9 0 0	9 × × 56		−			—	—
	Narayanganj	000 63	0 00 00	×× 00 1	125 73	× × × × ×	9 × × 84	000 63	× 27 02	95 00 2	162 74	× × × · ×	9 × × 62	+ 4	+ 2	0.7	− 0.2	89.5	74
	Mymensingh	000 56	0 00 00	99 00 0	151 72	0 0 9 0 0	− − − 81	000 63	0 00 00	98 00 0	165 69	0 0 9 0 0	− − − 59	+ 2	0	2.0	+ 2.1	64.8	91
	Srimangal	000 60	2 00 00	×× 01 1	132 70	2 2 6 0 0	− − − 82	000 65	2 00 00	96 02 1	171 72	0 0 9 3 0	− − − 58	− 1	+ 7	1.4	0	106.6	98
	Khulna	000 59	0 00 00	97 00 0	145 69	0 0 9 0 0	− − − 81	000 57	0 27 02	98 00 0	182 72	0 0 9 0 0	− − − 58	+ 1	0	0.7	− 0.4	54.2	68
	Satkhira	000 63	0 00 00	98 00 1	147 73	0 0 9 0 0	− − − 78	000 57	0 00 00	98 00 0	170 67	0 0 9 0 0	− − − 55	− 4	0	0.2	− 1.6	44.9	65
	Jessore	000 61	0 00 00	×× 00 1	146 69	0 0 9 0 0	− − − 79	000 58	0 27 02	97 00 0	175 75	0 0 9 0 0	− − − 59			1.1	+ 0.1	47.0	65
	Faridpur	000 61	0 00 00	95 05 0	136 73	0 0 9 0 0	− − − 74	000 61	2 36 02	95 05 0	173 69	0 0 9 0 8	9 6 × 58	− 4	0	1.5*	+ 0 4	57.0	71
	Barisal	000 61	2 25 02	97 01 1	131 74	2 5 7 0 0	− − − 81	000 62	0 00 00	98 00 0	174 67	0 0 9 0 0	− − − 59	+ 1	0	1.2	− 0.4	74.7	81
	Pabna																		59
	Rampu Boalia													− 7					56
	Sirajganj	000 64	0 00 00	×× 00 0	138 72	0 0 9 0 0	− − − 72												64
	Bogra	000 63	0 00 00	95 01 0	138 73	1 1 8 0 0	− − − 81	000 63	1 36 02	96 01 0	178 70	1 1 8 0 0	− − − 60	+ 2	+ 3	2.0	+ 1.2	47.0	69
	Dinajpur	000 65	0 00 00	×× 00 0	147 72	0 0 9 0 0	− − − 80	000 58	0 36 02	96 00 0	182 70	0 0 9 0 0	− − − 56	+ 1	+ 1	0.6	+ 0.2	49.2	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	− − − —	000 ××	1 09 02	98 02 1	— —	0 0 9 1 0	− − − —			1.2	+ 0 8	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Mingar																		
	Allahabad																		
PUNJAB	Lyallpur	000 52	0 00 00	96 00 0	173 69	0 0 9 0 0	− − − 72	000 45	1 20 02	93 11 4	208 47	0 0 9 0 2	− − − 46	− 1	+ 3	0.4	+ 0.3	10.5	12
	Lahore	000 55	0 36 02	96 00 0	178 67	0 0 9 0 0	− − − 73	000 48	1 00 00	94 10 1	216 49	0 0 9 0 1	− − − 47	− 4	+ 5	1.8	+ 1.1	16.0	19
	Sialkot							000 51	1 00 00	97 02 1	212 55	0 0 9 0 4	− − − 49		+ 4	1.9	+ 1.7	20.7	32
	Jhelum	000 53	0 00 00	97 00 0	177 66	0 0 9 0 0	− − − 71	000 49	1 00 00	96 01 0	219 51	0 0 9 0 1	− − − 47	—		1.9		23.6	—
	Rawalpindi	000 53	0 23 02	99 00 0	181 62	0 0 9 0 0	− − − 69	000 44	0 00 00	98 00 0	218 46	0 0 9 0 0	− − − 42	− 2	+ 3	2.1	+ 1.8	27.9	30
	Murree †	000 34	0 05 03	98 00 0	185 45	0 0 9 0 0	− − − 53	000 11	6 36 02	98 02 1	005 45	0 0 9 0 8	− − − 39	+ 1	+ 2	2.6	+ 1.8	47.7	59
	Attock	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	− − − —	××× ××	9 00 00	97 00 0	— —	0 0 9 0 0	− − − —		−			—	—
	Khushab	000 50	0 29 05	99 00 0	175 70	0 0 9 0 0	− − − 74	000 47	0 00 00	99 00 0	211 50	0 0 9 0 0	− − − 47	− 2	+ 2	0.6	+ 0.5	8.6	15
	Montgomery	000 56	0 00 00	97 00 0	183 70	0 0 9 0 0	− − − 73	000 47	0 31 03	96 00 0	213 49	0 0 9 0 0	− − − 40	− 4	+ 1	1.1	+ 1.0	7.3	10
	Leiah	000 49	0 05 02	97 00 0	178 73	5 0 9 0 0	− − − 76	000 46	0 00 00	97 00 0	220 54	0 0 9 0 0	− − − 47			0 4	—	6.9	8
	Multan	000 50	0 09 02	97 00 0	184 71	0 0 9 0 0	− − − 76	000 48	0 18 02	96 00 0	226 58	0 0 9 0 0	− − − 48	0	+ 3	0	− 0.1	6.9	7
	Khanpur	000 49	0 05 03	95 04 0	177 75	0 0 9 0 0	− − − 77	000 46	0 09 03	95 10 0	221 48	0 0 9 0 0	− − − 47	− 2	+ 1	0.1	0	2.1	6
	Bahawalpur	000 55	0 00 00	97 00 0	177 71	0 0 9 0 0	− − − 76	000 46	0 00 00	96 00 0	216 48	0 0 9 0 0	− − − 48	− 1	+ 3	0.1	0	4.6	6
	Fort Abbas	000 55	0 18 02	96 00 0	178 70	0 0 9 0 0	− − − 76	000 45	0 00 00	96 00 0	213 61	0 0 9 0 0	− − − 50		−	1.3		5.0	3
N. W. F. P.	Drosh *							000 13	0 00 00	99 00 0	102 42	0 0 9 0 0	− − − 38		− 1	1.1		25.8	18
	Chakdara	000 49	0 00 00	99 00 0	167 62	0 0 9 0 0	− − − 68	000 36	0 36 02	98 00 0	237 42	0 0 9 0 0	− − − 39			1.2	—	21.5	—
	Cherat *	000 27	0 36 05	98 00 0	032 55	0 0 9 0 0	− − − 59	000 31	1 36 12	98 01 0	053 52	0 0 9 0 1	0 6 × 44	0	− 1	2.8	+ 2.4	31.7	29
	Peshawar							000 45	2 00 00	97 01 1	223 48	0 0 9 3 1	− − − 45		+ 2	0.8	+ 0.4	9.9	14
	Parachinar	000 34	0 00 00	99 00 0	083 51	0 0 9 0 0	− − − 59	000 27	1 00 00	97 01 1	017 45	0 0 9 3 0	− − − 38	0	+ 3	1.0		2.9	29
	Miranshah	000 39	0 11 01	99 00 0	028 65	0 0 9 0 0	− − − 67	000 36	0 36 02	99 00 0	056 42	0 0 9 0 0	− − − 42	—		0.5	+ 0.5	1.1	13
	Bannu	000 47	0 18 02	99 00 0	182 69	0 0 9 0 0	− − − 74	000 38	0 27 02	99 00 0	276 52	0 0 9 0 0	− − − 46	−	−	0.5		0.2	11
	D. I. Khan	000 47	0 02 01	96 00 0	168 71	0 0 9 0 0	− − − 74	000 24	0 05 02	94 00 0	204 44	0 0 9 0 0	− − − 44	− 1	−	0	− 0 2	2.3	9
	Wana																		11
	Landikotal	000 51	0 00 00	99 00 0	024 57	0 0 9 0 0	− − − 64	000 30	2 00 00	99 02 1	049 46	2 4 6 0 0	− − − 38		-	0.9	—	12.8	—
	Hangu	×,×× ××	0 11 02	98 00 0	— —	0 0 9 0 0	− − − —	××× ××	2 00 00	99 00 1	— —	0 0 9 0 9	9 6 × —	—	—		—		—
	Thall	××× ××	1 10 00	99 01 0	— —	1 2 7 0 0	− − − —	××× ××	0 36 00	99 00 0	— —	0 0 9 0 0	− − − —	—	—	—	—		—
BALUCHISTAN	Fort Sandeman*	000 27	0 00 00	96 05 0	046 62	0 0 9 0 0	− − − 65	000 18	0 00 00	97 05 0	062 38	0 0 9 0 0	− − − 35	0	− 1	0.3	0	10.2	11
	Hindubagh	000 04	0 00 00	98 00 0	089 60	0 0 9 0 0	− − − 70	000 08	0 00 00	97 00 0	031 35	0 0 9 0 0	− − − 31			0	—	9.0	—
	Loralai	000 23	0 00 00	98 00 0	022 60	0 0 9 0 0	− − − 67	000 18	0 00 00	96 00 0	040 38	0 0 9 0 0	− − − 31			0.1	—	8.6	—
	Harnai (a)	000 ××	0 35 02	96 00 0	— —	0 0 9 0 0	− − − —	000 ××	0 07 02	96 00 0	— —	0 0 9 0 0	− − − —			0.1	− 0 2	10.7	14
	Sibi	000 45	0 00 00	99 00 0	165 75	0 0 9 0 0	− − − 78	000 33	0 00 00	98 00 0	222 52	0 0 9 0 0	− − − 50	−		0	—	3.8	5
	Quetta †	000 37	0 00 00	99 00 0	994 57	0 0 9 0 0	− − − 60	000 25	0 00 00	99 10 0	006 27	0 0 9 0 0	− − − 24			0.1	− 0.3	9.4	9
	Chaman	000 43	0 27 02	97 00 0	040 61	0 0 9 0 0	− − − 65	000 24	0 11 02	97 00 0	079 43	0 0 9 0 0	− − − 40	+ 4	+ 2	0	− 0.5	9.6	3
	Nushki	000 26	0 25 00	97 00 0	086 67	0 0 9 0 0	− − − 69	000 16	0 00 00	96 00 0	125 48	0 0 9 0 0	− − − 45		—	0		5.4	—
	Dalbandin *	023 31	0 09 05	98 00 0	084 69	0 0 9 0 0	− − − 69	000 19	0 05 02	98 00 0	057 41	0 0 9 0 0	− − − 34	0	− 3	0	− 0.1	1.8	4
	Nokkundi	000 45	1 00 00	99 03 0	150 75	0 0 9 0 1	0 0 × 77	000 14	0 34 05	99 00 0	237 46	0 0 9 0 0	− − − 42		−	0	—	1.0	2
	Kalat †	000 41	0 36 05	98 00 0	005 58	0 0 9 0 0	− − − 63	000 21	0 18 05	98 00 0	028 35	0 0 9 0 0	− − − 27	+ 5	0	0.5	+ 0.2	10.2	7
	Turbat																		—
	Panjgur *	000 21	0 31 03	97 00 0	017 71	0 0 9 0 0	− − − 72	000 10	0 05 07	97 00 0	047 42	0 0 9 0 0	− − − 36	+ 3	− 5	0	—	3.2	5
	Las Bela	000 63	0 00 00	99 00 0	149 85	0 0 9 0 0	− − − 87	000 49	0 00 00	98 00 0	202 68	0 0 9 0 0	− − − 50		−	0	—	1.7	3
	Ormara	000 75	0 16 09	97 00 0	154 79	0 0 9 0 0	− − − 79	000 60	0 16 02	96 00 0	209 68	0 0 9 0 0	− − − 57	—	−	0	0	2.0	6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 41	0 00 00	96 00 0	184 75	0 0 9 0 0	− − − 77	000 41	0 31 02	96 00 0	228 48	0 0 9 0 0	− − − 44	−	−	0	—	2.2	—
	Jacobabad	000 48	0 00 00	97 00 0	170 75	0 0 9 0 0	− − − 79	000 48	0 31 02	97 00 0	222 55	0 0 9 0 0	− − − ××	+ 1	−	0	− 0.1	0.7	4
	Sukkur	000 49	3 ×× ××	96 00 0	169 75	0 0 9 0 0	− − − 80	000 50	0 00 00	91 00 0	216 55	0 0 9 0 0	− − − 50			0	—	1.0	4
	Padidan	000 46	0 00 00	98 00 0	170 76	0 0 9 0 0	− − − 77	000 45	0 00 00	98 00 0	214 50	0 0 9 0 0	− − − 46	—	−	0	−	0.9	—
	Karachi (*Mauripur*)	000 55	0 05 05	99 00 0	153 79	0 0 9 0 0	− − − 84	000 50	0 05 05	98 00 0	201 65	0 0 9 0 0	− − − 63	+ 3	0	0.1	0	1.7	3
	Karachi (*A. P.*)	000 41	0 05 10	98 00 0	156 81	0 0 9 0 0	− − − 83	000 44	0 36 05	97 00 0	202 64	0 0 9 0 0	− − − 57	—	−	0		3.0	—
	Badin	000 41	0 24 05	97 00 0	144 85	0 0 9 0 0	− − − 87							+ 4					9
	Nagarparkar																		
	Ohbor (*Umarkot*)	000 68	0 34 05	97 00 0	135 80	0 0 9 0 0	− − − 85	000 43	0 02 03	97 00 0	206 56	0 0 9 0 0	− − − 51		−	0	−	2.2	—
	Hyderabad	000 45	0 02 03	96 00 0	160 77	0 0 9 0 0	− − − 80	000 45	0 36 03	96 00 0	207 57	0 0 9 0 0	− − − 55	− 2	+ 1	0	− 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 54	0 09 02	97 00 0	015 61	0 0 9 0 0	9 × × 68	000 36	1 23 02	97 01 0	022 45	0 0 9 0 1	8 8 × ××	—	—	0.3	—	7.3	13
	Jalalabad	000 54	0 00 00	98 00 0	020 62	0 0 9 0 0	− − − 89							—					—
	Kandahar	000 35																	—

See footnote on page 2

[P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 3RD DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VVww W	PPPTT	$N_h C_L hC_M C_H$	$W_1 D_S D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1 D_S D_M T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st Nov. '51 to date	Departure from normal	Since 1st Jan. '51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arabia	Muscat	—	000 64	0 31 02	99 00 0	1156 77	0 0 9 0 0	- - - 80	000 63	0 18 02	99 00 0	194 76	6 0 9 0 0	- - - 73	0	+ 2	0	- 0.4	3.3
	Sharjah	—	000 67	0 16 02	97 00 0	145 73	0 0 9 0 0	- - - 74	000 56	0 18 09	96 00 0	159 69	0 0 9 0 4	- - - 56	—	—	0	—	1.5
	Kuwait	—													—	—		—	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Corfu	13 178	678 06	4 03 09	99 01 1	158 82	41 6 00	2 6 107	—	0 04 66	—
Madir	13 214	642 12	0 33 10	98 00 6	157 93	00 9 00	7 4 800	8 0 000	0 06 63	1 34 22
British Marquis	13 107	758 12	2 07 05	99 02 0	102 86	12 × 03	1 4 408	—	0 01 70	—
British Marquis	13 117	763 18	2 09 02	99 02 0	128 83	25 6 00	7 4 005	—	0 01 71	1 ××1××
Corfu	13 185	713 18	0 01 10	99 00 0	135 81	00 9 00	2 6 910	—	0 02 66	—
Madir	13 222	684 18	0 38 10	98 00 0	167 78	00 9 00	7 4 105	8 0 000	0 04 67	1 34 21
Bharatmata	13 109	757 12	3 32 05	89 02 0	096 88	30 8 11	—	—	—	—
Corfu	18 181	694 12	1 03 11	99 01 1	126 81	11 × 00	2 6 505	—	0 01 63	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiGG		PoPoPoToTo		TdoTdoTxoXrX2			PrPirhihi		TrTrTdrTdrTxr etc.				5555	hihrPrPrPr			TrTrTdrTdrTxr etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Karachi —	780 16	014 23	078 60	000 48	220 69	855 02	115 07	700 33	096 94	509 19	579 97	301 48	889 91	555 55	349 00	155 03	678 00	105 56	867 44	117 21	456 00	016 49	474 00	709 94

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ — Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra —	08 03	10 06	11 06	11 09	11 08	19 08	—	—	—	—	31 08	36 06	05 06	09 11	09 11	—	08 08	09 07	10 10	09 16	08 18	—	—	—
Chhor	08 08	05 13	05 13	05 15	35 04	29 10	38 17	32 27	—	—	—	—	—	—	—	—	06 18	05 14	03 12	04 09	05 07	34 05	30 13	31 19
Chittagong —	24 08	18 09	17 12	19 23	19 21	—	—	—	—	—	31 05	30 05	17 10	20 21	19 35	—	35 06	12 01	17 14	29 22	20 25	—	—	—
Cox's Bazar —	—	—	—	—	—	—	—	—	—	—	31 11	31 08	12 06	19 22	18 33	—	32 04	32 05	29 07	16 22	19 15	21 19	24 31	—
Dacca —	21 03	25 01	11 03	12 06	22 09	24 13	26 27	30 51	—	—	36 15	01 09	05 06	12 04	20 13	23 14	09 02	08 02	25 01	19 05	22 13	04 17	37 31	27 29
Dalbandin —	—	—	07 06	05 07	01 08	34 10	29 13	31 17	29 20	30 52	—	—	05 03	07 10	35 09	29 03	—	—	24 04	25 06	23 02	25 06	29 18	29 22
Dirosh —	—	—	—	36 03	01 03	33 10	33 22	31 34	30 49	—	—	—	—	17 02	36 03	34 15	—	—	—	—	08 11	02 12	35 25	—
Fort Sandeman —	06 02	15 01	15 01	33 03	05 07	27 12	34 18	29 26	31 38	29 38	07 05	03 03	33 01	10 06	02 09	33 07	09 03	20 02	39 06	18 07	04 09	30 06	30 19	—
Jacobabad —	34 02	31 02	35 01	01 07	33 02	33 04	30 15	32 25	32 15	—	32 09	33 12	36 06	07 04	04 06	02 05	22 05	33 07	33 05	35 02	35 08	34 10	30 21	32 38
Jhelum —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jiwani —	04 10	03 11	03 10	06 05	03 02	36 04	33 11	30 18	29 29	30 38	06 23	06 20	07 15	05 12	05 08	08 08	05 26	06 23	05 22	04 18	08 18	32 05	—	—
Karachi —	03 03	31 02	36 02	28 04	28 09	27 19	32 25	32 35	30 45	—	09 09	06 08	06 08	36 12	03 09	34 12	09 04	07 05	36 06	04 11	03 11	01 11	31 16	30 29
Khanpur —	33 08	31 03	31 03	28 07	26 06	26 10	29 15	31 33	30 70	31 93	32 06	33 09	31 10	33 09	01 02	25 03	35 04	32 08	32 07	35 05	02 04	30 07	31 27	33 34
Lahore —	20 01	20 01	19 01	33 06	29 06	28 12	31 20	30 30	—	—	—	—	—	—	—	—	21 02	26 06	35 08	03 07	03 12	03 15	33 17	33 17
Multan —	—	09 03	31 04	31 10	32 10	33 11	34 23	31 37	31 54	31 82	—	—	—	—	—	—	—	31 09	34 06	33 23	30 15	30 17	31 19	34 04
Peshawar —					29 17	34 13	33 18	31 37	30 56	32 46	—	—	No	ascent	—	—	—	—	—	—	17 09	36 06	25 12	—
Quetta —						—					—	—	—		—	—					—	—	—	—
Bushire —						—																—		
Sharjah —						—																		

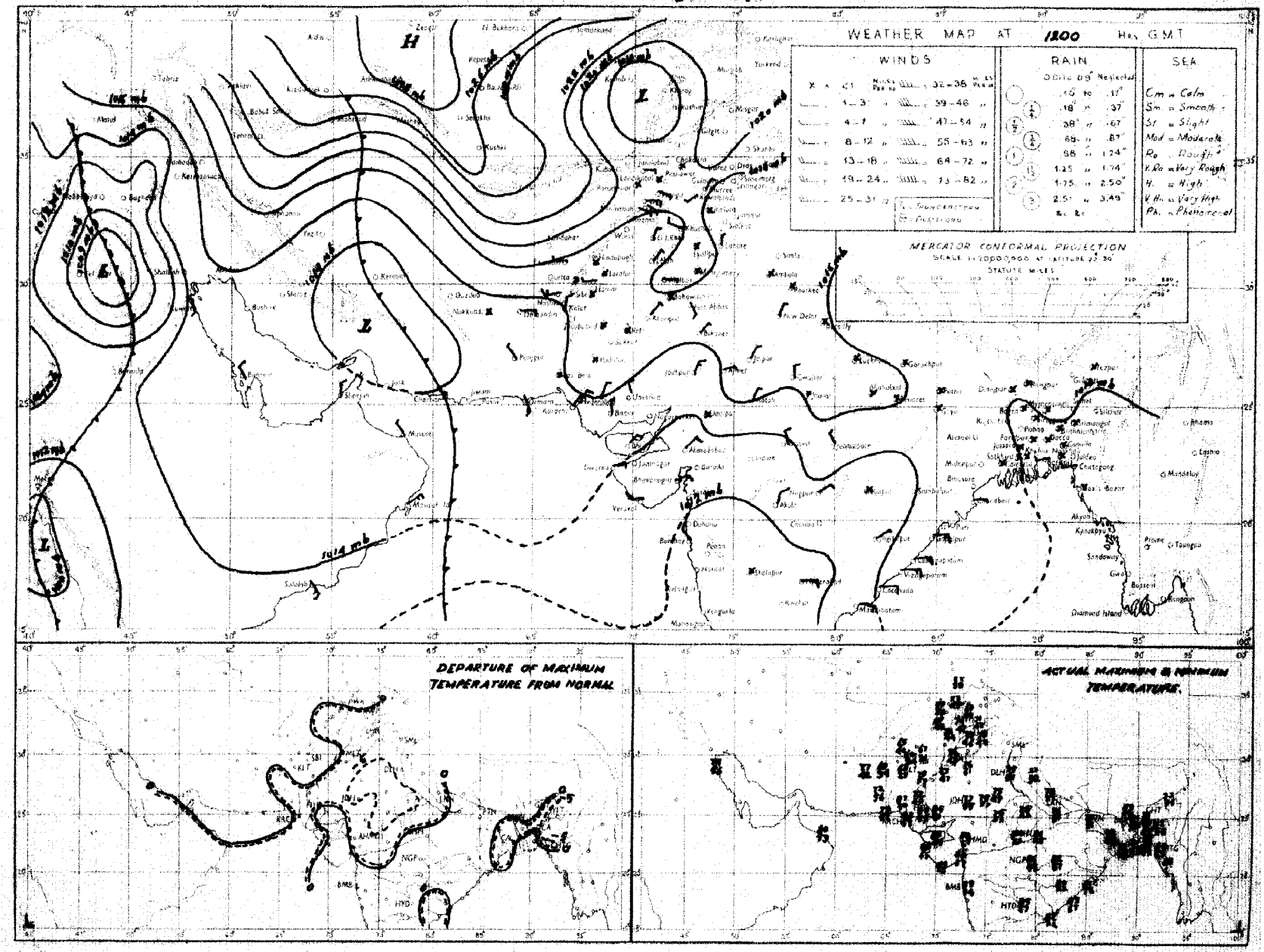
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

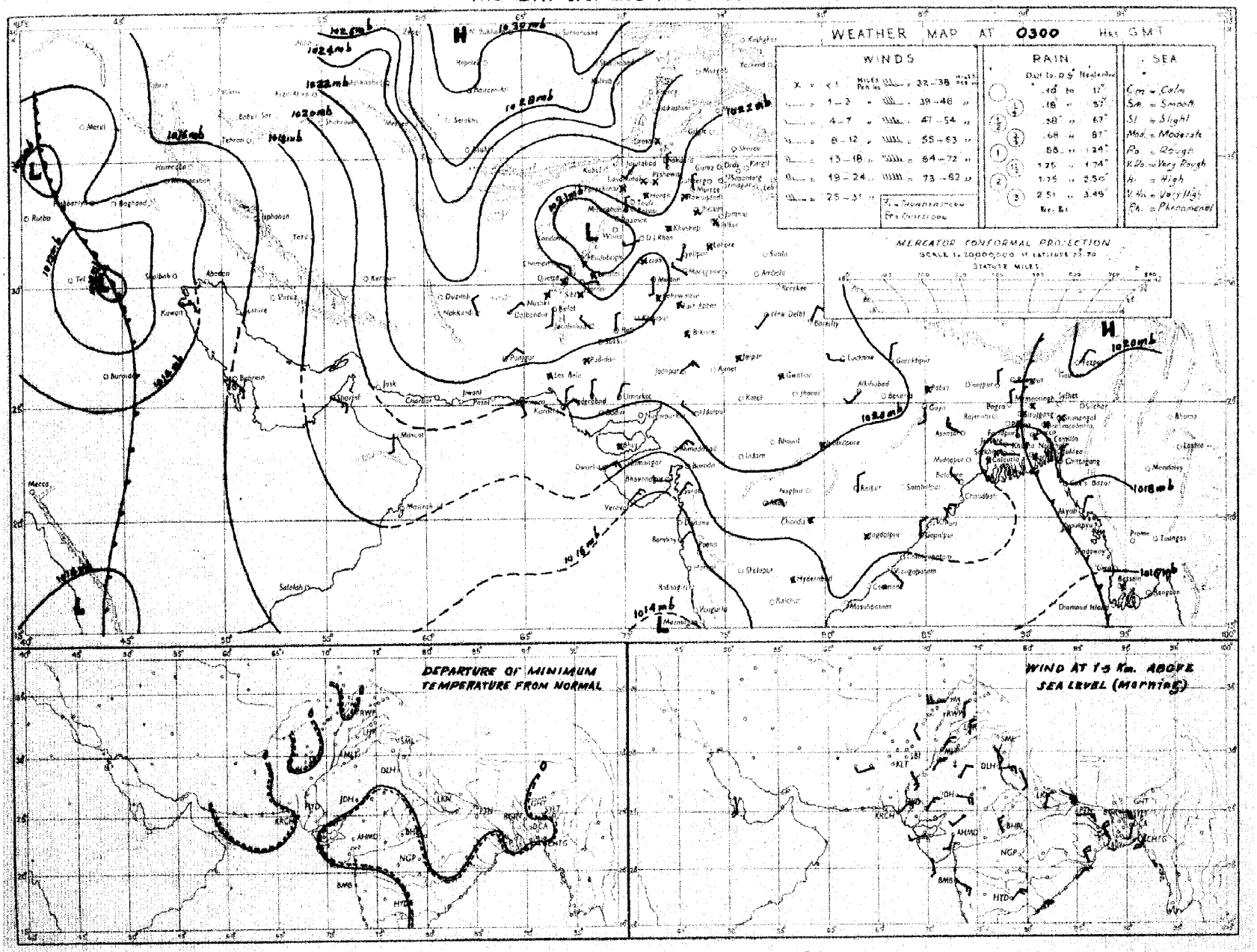
SUNDAY 2nd. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 3rd: DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR TUESDAY, THE 4th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance lies over Russian Turkistan and is moving eastwards.

A trough of low extends from North Iran to southeast Arabia.

Weather continued to be dry over the country.

Night temperatures were appreciably above normal in the North Punjab, the upper North-West Frontier Province and east Baluchistan and appreciably below normal in West Baluchistan.

Forecast valid until the evening of 5th :—Weather will be cloudy in the Upper North-West Frontier Province and Kashmir.

Karachi-11.
The 4th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTn	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 67	1 00 00	94 01	1141 76	0 0 9 0 5	1 0 × 84	000 59	0 00 00	97 00	0168 77	0 0 9 0 0	- - - 64	+ 3	+ 2	0.3	- 3.1	121.7	140
	Chittagong	000 67	3 27 05	96 02	1141 76	2 1 6 7 0	0 × 9 85	000 59	0 05 02	97 00	0169 76	0 0 9 0 0	- - - 63	+ 5	+ 3	0	- 2.3	134.6	108
	Noakhali	000 63	3 00 00	9× ××	×1×× 79	0 0 9 3 0	- - - 81	000 63	0 00 00	94 40	4××× 67	0 0 9 0 0	- - - 69	+ 1	- 2	0 7	- 0 9	-	115
	Comilla	000 64	0 23 02	96 00	1142 72	0 0 9 0 0	- - - 82	000 64	1 00 00	98 00	0165 71	1 1 7 0 0	- - - 61	+ 1	+ 4	1.4	0	132.6	94
	Brahmanbaria	000 66	0 00 00	×× 00	0143 77	0 0 9 0 0	- - - 81												78
	Dacca	000 61	0 00 00	×× 00	1138 79	0 0 9 0 0	- - - 83	××× 67	0 00 00	97 00	4166 73	0 0 9 0 0	3 × × 54		-			-	-
	Narayanganj	000 60	0 00 00	×× 00	0131 72	0 0 9 0 0	9 × × 85	000 61	0 27 02	94 00	1160 74	0 0 9 0 0	3 × × 60	+ 5	0	0.7	- 0.2	89.5	74
	Mymensingh	000 59	0 00 00	99 00	0142 74	0 0 9 0 0	- - - 82	000 62	0 09 02	98 00	0174 70	0 0 9 0 0	- - - 61	+ 3	+ 2	3.0	+ 2.1	64.8	91
	Srimangal							000 67	2 00 00	96 02	1172 73	0 0 9 3 0	- - - 59		+ 5	1.4	0	106.6	98
	Khulna	000 62	0 00 00	97 00	3148 72	0 0 9 0 0	- - - 82	000 61	0 27 02	98 00	0181 75	0 0 9 0 0	- - - 57	+ 2	- 1	0.8	- 0.4	54.2	68
	Satkhira	000 77	0 00 00	98 00	0××× 80	0 0 9 0 0	- - - 81	000 61	0 31 02	98 00	0171 69	0 0 9 0 0	- - - 59	- 1	+ 4	0.2	- 1.6	44.9	65
	Jessore	000 62	0 00 00	×× 00	1148 70	0 0 9 0 0	- - - 81	000 60	0 23 03	97 00	1171 65	0 0 9 0 0	- - - 52			1.1	+ 0.1	47.0	65
	Faridpur	000 63	1 00 00	95 05	0143 74	1 5 7 0 0	9 × × 74	000 63	0 00 00	95 00	0174 70	0 0 9 0 0	- - - 57	- 4	- 1	1.5	+ 0 3	57.0	71
	Barisal	000 59	0 00 00	97 00	0139 71	0 0 9 0 0	- - - 80	000 62	0 00 00	98 00	0171 68	0 0 9 0 0	- - - 58	0	- 1	1.2	- 0.4	74.7	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 67	0 00 00	×× 00	0132 73	0 0 9 0 0	- - - 76	000 63	0 00 00	98 00	0173 70	0 0 9 0 0	- - - 62	- 3	+ 8	0.7	- 2.6	69.1	64
	Bogra	000 63	0 00 00	96 00	0140 75	0 0 9 0 0	- - - 81							4 2					69
	Dinajpur	000 60	0 00 00	×× 00	0158 73	0 0 9 0 0	- - - 82	000 59	0 36 02	96 00	0185 67	0 0 9 0 0	- - - 65	+ 3	+10	0.6	+ 0.2	49.2	72
	Rangpur	000 ××	0 00 00	×× 02	1-- —	0 0 9 0 0	- - - --	000 ××	0 02 05	98 02	1- —	0 0 9 0 0	- - - --			1.2	+ 0 8	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Aliabad																		
PUNJAB	Lyallpur	000 49	3 00 00	96 01	0188 69	0 0 9 0 3	0 2 0 75	000 46	0 00 00	92 11	4215 48	0 0 9 0 0	5 × × 48	+ 2	+ 3	0.4	+ 0.3	10.5	12
	Lahore	000 53	4 00 00	96 03	1194 67	0 0 9 0 1	- - - 74	000 49	0 00 00	94 10	0220 50	0 0 9 0 0	- - - 45	- 3	+ 3	1.3	+ 1.2	16.0	19
	Sialkot	000 56	2 00 00	97 02	1189 66	0 0 9 0 9	- - - 72	000 50	1 00 00	97 02	1221 54	0 0 9 0 4	- - - 49	- 1	+ 4	1.9	+ 1 7	20.7	32
	Jhelum	000 53	2 00 00	96 03	1195 65	0 0 9 0 1	- - - 72	000 47	1 00 00	96 02	0221 49	0 0 9 0 1	- - - 46	-		1.9		28.6	-
	Rawalpindi	000 49	1 00 00	99 01	1206 60	0 0 9 3 0	- - - 71	000 44	0 00 00	98 00	0226 45	0 0 9 0 0	- - - 42	0	+ 3	2.1	+ 1 8	27.9	36
	Murree †	000 31	2 29 02	98 01	1002 47	0 0 9 0 4	9 0 × 57	000 11	2 05 12	98 01	1014 53	0 0 9 0 ×	9 2 × 41	+ 5	+ 4	2.6	+ 1.8	47.7	59
	Attock	××× ××	0 36 02	97 00	0-- —	0 0 9 0 0	- - - --	××× ××	2 00 00	96 00	0- - —	0 0 9 0 1	- - - --						
	Khushab	000 48	3 31 05	99 03	1189 74	0 0 9 0 4	- - - 77	000 46	0 16 02	99 00	0216 52	0 0 9 0 0	- - - 46	+ 1	+ 1	0.6	+ 0.5	8.6	15
	Montgomery	000 61	0 00 00	96 00	0193 73	0 0 9 0 0	- - - 75	000 48	0 81 02	96 00	0226 4-	0 0 9 0 0	- - - 48	- 2	+ 1	1.1	+ 1.0	7.3	10
	Leiah	000 48	0 13 02	97 00	0186 76	0 0 9 0 0	- - - 76	000 41	0 00 00	97 00	0229 51	0 0 9 0 0	- - - 45			0 4	—	6.9	8
	Multan	000 49	0 18 02	97 00	0194 73	0 0 9 0 0	- - - 77	000 47	0 18 02	95 00	0228 55	0 0 9 0 0	- - - 46	+ 1	+ 1	0	- 0.1	6.9	7
	Khanpur	000 52	0 34 02	95 04	0190 74	0 0 9 0 0	0 9 × 77	000 43	1 05 01	95 10	0225 46	0 0 9 0 1	0 9 × 45	- 2	- 1	0.1	0	2.1	6
	Bahawalpur	000 57	0 00 00	97 00	0193 71	0 0 9 0 0	- - - 77	000 47	0 00 00	97 00	0229 48	0 0 9 0 0	- - - 47	0	+ 2	0.1	+ 0.1	4.5	6
	Fort Abbas	000 55	0 13 02	96 03	0178 69	0 0 9 0 0	- - - 76	000 45	0 28 02	96 00	0××× 61	0 0 9 0 0	- - - 50		—	1.3		5.0	8
N. W. F. P.	Drosh *	152 21	0 00 00	99 00	0045 58	0 0 9 0 0	- - - 65	000 11	0 00 00	99 02	0104 46	0 0 9 4 0	0 × 7 41	+ 8	+ 2	1.1		25.8	18
	Chakdara	000 47	0 20 03	99 00	0183 60	0 0 9 0 0	- - - ××	000 39	2 00 00	98 03	0242 41	0 0 9 5 0	1 0 0 40	—		1.2	-	21.5	-
	Cherat *	000 42	2 18 04	98 01	1045 57	0 0 9 0 1	6 0 × 67	000 33	0 26 10	98 00	0058 53	0 0 9 0 0	- - - 41	+ 8	- 4	2.8	+ 2.3	31.7	29
	Peshawar	000 49	2 02 02	98 01	1195 62	0 0 9 0 1	- - - 70	000 43	2 00 00	96 02	1229 49	0 0 9 3 1	- - - 45	0	+ 2	0 8	+ 0.4	10.0	14
	Parachinar	000 25	4 13 02	99 01	1015 61	0 0 9 3 1	8 0 9 65	000 25	3 36 02	99 01	1020 47	0 0 9 0 1	2 1 × 40	+ 6	+ 5	1.0		2.9	29
	Miranshah	000 59	4 16 02	99 02	0040 66	0 0 9 0 6	- - - 70	000 32	0 00 00	99 00	0057 42	0 0 9 0 0	- - - 41			0.5	+ 0.5	1.1	13
	Bannu	000 44	0 00 00	99 00	0180 73	0 0 9 0 0	- - - 73	000 41	0 11 02	99 00	0237 48	0 0 9 0 0	- - - 45	-		0.5		6.3	11
	D. I. Khan	000 48	0 00 00	96 00	0178 72	0 0 9 0 0	- - - 74	000 43	0 00 00	94 00	0215 45	0 0 9 0 0	- - - ××	- 1	—	0	- 0 2	2.3	9
	Wana																		11
	Landikotal	000 38	3 05 02	99 02	1035 58	3 5 6 0 0	- - - 67	000 34	1 00 00	99 02	1057 48	0 0 9 4 0	- - - 38			0.9	—	12.8	-
	Hangu	××× ××	3 23 02	97 03	1- —	0 0 9 2 3	6 3 5 --	××× ××	1 23 02	99 01	1- —	0 0 8 0 2	0 × × --	--	—		—		-
	Thall	××× ××	3 23 09	99 08	0- —	0 0 9 0 3	- - - --	××× ××	2 36 09	98 00	0- —	0 0 9 0 2	0 0 × --	—	-	—			-
BALUCHISTAN	Fort Sandeman*	000 23	6 23 05	96 01	1035 68	0 0 9 0 1	- - - 72	000 21	6 00 00	96 02	1064 42	0 0 9 0 1	2 × × 37	+ 7	+ 1	0.3	0	10.2	11
	Hindubagh	000 17	4 09 05	97 02	1005 68	0 0 9 0 1	- - - 69	000 03	6 00 00	97 03	1029 38	6 2 8 0 0	3 × × 33			0	—	9.0	—
	Loralai	000 18	0 13 02	96 00	0038 62	0 0 9 0 0	- - - 69	000 12	6 27 05	96 03	0064 26	0 0 9 0 2	- - - 33			0.7		8.6	-
	Harnai (a)	000 ××	0 25 02	96 00	0--	0 0 9 0 0	- - - --	000 ××	3 11 02	96 03	2- —	0 0 9 0 5	- - - --			0.1	- 0 2	10.7	14
	Sibi	000 38	0 13 05	98 00	0181 77	0 0 9 0 0	- - - 80	000 38	0 00 00	98 00	0205 53	0 0 9 0 0	- - - 51			0	-	3.8	5
	Quetta †	000 23	0 31 02	99 00	0011 64	0 0 9 0 0	- - - 65	000 21	0 00 00	99 00	0010 40	0 0 9 0 0	- - - 25			0.1	- 0 3	9 4	9
	Dhanan	000 55	0 27 02	97 00	0046 63	0 0 9 0 0	- - - 69	000 25	6 11 02	97 03	1062 45	0 0 9 0 4	2 9 × 41	+ 8	+ 3	0	- 0.5	9.6	8
	Nushki	000 29	0 31 05	97 00	0109 69	0 0 9 0 0	- - - 71	000 27	3 07 02	96 01	0126 52	0 0 9 0 1	- - - 42		—	0		5.4	-
	Dalbandin *	023 29	0 05 02	96 00	0049 70	0 0 9 0 0	- - - ××	000 19	4 00 00	96 03	1051 37	0 0 9 0 4	- - - 34	0	- 4	0	- 0.1	1.8	4
	Nokkundi	000 41	1 11 02	99 03	0165 75	0 0 9 0 1	0 0 × 77	000 40	4 02 05	99 03	0232 48	0 0 9 0 1	0 0 × 44		-	0	—	1.0	2
	Kalat †	000 43	0 36 05	98 00	0021 63	0 0 9 0 0	- - - 67	000 24	0 18 05	98 00	0034 35	0 0 9 0 0	- - - 31	+9	+ 4	0.5	+ 0.2	10.2	7
	Turbat																		-
	Panjgur *	000 21	0 31 02	97 00	0035 72	0 0 9 0 0	- - - 75	××× ××	0 05 10	97 00	0048 41	0 0 9 0 0	- - - 36	+ 6	- 5	0	—	8.2	5
	Las Bela	000 61	0 00 00	99 00	0170 87	0 0 9 0 0	- - - 88	000 48	0 00 00	98 00	0214 67	0 0 9 0 0	- - - 50		—	0	-	1.7	8
	Ormara	000 74	0 18 09	96 00	0176 78	0 0 9 0 0	- - - 78	000 62	0 00 00	96 00	0207 65	0 0 9 0 0	- - - 60	—	—	0	0	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 43	0 00 00	96 00	0189 75	0 0 9 0 0	- - - 77	000 42	0 05 02	96 00	0223 50	0 0 9 0 0	- - - 45	-	—	0	—	2.2	—
	Jacobabad	000 48	0 00 00	98 00	0188 77	0 0 9 0 0	- - - 79	000 40	1 00 02	96 03	1224 45	0 0 9 0 1	- - - 52	+ 1	+ 4	0	- 0.1	0.7	4
	Sukkur	000 53	0 00 00	98 00	0187 74	0 0 9 0 0	- - - 80	000 50	2 13 ××	96 03	1219 57	0 0 9 0 4	4 8 × 51			0	—	1 0	4
	Padidan	000 49	0 36 02	98 00	0190 75	0 0 9 0 0	- - - 77	000 48	0 05 02	98 00	0220 52	0 0 9 0 0	- - - 47	—	—	0	-	0.9	—
	Karachi (*Manora*)	000 54	0 02 09	99 00	0172 79	0 0 9 0 0	- - - 80	000 50	0 05 09	97 00	0209 68	0 0 9 0 0	- - - 62	- 1	- 3	0.1	0	1.7	3
	Karachi (*A. P.*)	000 47	0 05 07	97 00	0175 80	0 0 9 0 0	- - - 82	000 46	1 36 05	98 03	0210 59	0 0 9 0 1	- - - 54	--		0		3.0	—
	Badin	000 46	0 36 03	97 00	0163 86	0 0 9 0 0	- - - 88	000 49	0 36 03	97 00	0205 51	0 0 9 0 0	- - - 50	+ 5	- 4	0.9	+ 0.6	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 72	0 36 07	97 00	0163 80	0 0 9 0 0	- - - 83	000 49	0 02 03	97 00	0194 54	0 0 9 0 0	- - - 50		—	0		2.3	—
	Hyderabad	000 47	0 05 05	96 00	0180 77	0 0 9 0 0	- - - 79	000 45	0 36 03	96 00	0212 57	0 0 9 0 0	- - - 55	- 3	+ 1	0	- 0.1	2.0	7
Junagarh	Veraval																		21
Afghanistan	Kabul							000 22	5 02 03	99 02	1056 39	0 0 9 0 2	- - - 32	—	—	0	—	10.6	12
	Jalalabad	000 25	7 20 02	99 02	1044 80	0 0 9 0 4	0 8 0 64	000 35	1 23 02	97 01	1028 44	0 0 9 0 1	3 0 × 46	—	—	0.3	—	7.3	—
	Kandahar	000 48	2 05 02	97 01	1015 67	—	4 0 × 69	000 24	0 00 00	97 00	0057 30	0 0 9 0 0	- - - 27		—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 4TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. BRR	$T_d T_d$	N dd	ff	VVwwW	PPPTT	$N_h C_t hC_M C_H$	$W_1 D_s D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. BRR	$T_d T_d$	N dd	ff	VVwwW	PPP TT	$N_h C_t hC_M C_H$	$W_1 D_s D_M T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3		4		5	6	7	8	9		10		11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—		—		—	—	—	—	—		—		—	—	—	—	—	—	—	—	—	
	Jask	—		—		—	—	—	—	—		—		—	—	—	—	—	—	—	—	—	5
	Mashed	—		—		—	—	—	—	—		—		—	—	—	—	—	—	—	—	—	10
	Bushire	—		—		—	—	—	—	—		—		—	—	—	—	—	—	—	—	—	12
Arabia	Muscat	—	000 66	0 05	02	99 00	0 174 77	0 0 9 0 0	- - - 79	000 62		0 00	00	99 00	0 208 72	6 0 9 0 0	- - - 71	- 1	0	0	- 0 5	3.3	4
	Sharjah	—	—	—		—	—	—	—	—		—		—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 68	0 25	16	96 00	0 184 69	0 7 9 0 0	- - 6 52	000 65		0 27	02	97 00	7 247 59	0 0 9 0 0	- - - 54	-	—	0.1	—	1.6	3

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
BRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and BRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for BRR see the summary on page 1 for the actual amount of rainfall

Wireless Reports From Ships

SHIP	VQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_t hC_M C_H$	$D_s v_s$ kpp	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bharatmata	23 131	746 06	4 05 09	98 01 0	108 81	40 8 13	—	—	—	—
British Marquis	23 139	741 06	4 09 11	99 02 0	149 86	12 6 02	7 4 010	—	0 03 64	1 11 22
Tjiuwala	23 092	673 06	7 08 09	93 03 2	133 82	72 4 61	2 3 101	—	0 01 79	1 06 42
Madjokerto	23 116	529 12	3 02 05	98 03 1	126 79	32 5 00	2 5 612	—	0 03 ××	1 08 33
Corfu	23 177	729 12	1 29 05	99 02 0	126 84	00 9 70	4 6 507	—	0 03 65	—
Bharatmata	23 138	743 12	3 05 09	98 02 0	105 86	00 9 04	—	—	—	—
British Marquis	23 153	735 12	2 11 05	99 02 0	121 86	00 9 02	8 4 300	—	0 03 66	1 11 21
Madjokerto	23 113	545 18	0 08 09	98 02 0	149 79	00 9 00	2 5 308	—	0 01 ××	1 08 33
Corfu	23 160	233 18	0 35 05	99 02 0	150 82	08 9 00	4 6 304	—	0 01 68	—
British Marquis	23 162	732 18	0 09 02	99 02 0	150 82	00 9 00	8 4 108	—	0 51 65	1 ×× ××
BAY OF BENGAL										
Blendskerk	23 059	860 06	5 35 00	98 02 0	107 86	22 5 20	6 6 813	—	0 02 77	1 35 21

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—			iiiGG	PoPoPoToTo			TdoTdoTxoX1X2		P1P1h1h1		T1T1TdT1Td1Tx1 etc.					5555	h1h1P1P1P1			T1T1Td1Td1Tx1 etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	016 25	093 60	000 52	250 80	855 10	145 41	700 44	096 13	509 32	569 91	301 77	859 96	555 65	859 00	170 33	688 00	146 37	727 90	146 37	466 00	029 91	575 72	009 90	494 00

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ — Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	—	—	—	—	—	—	—	—	—	—	06 06	05 05	09 09	09 18	09 10	27 06	08 07	09 09	11 10	10 25	11 12	21 12	25 27	31 15
Chhor	03 15	05 08	08 12	07 07	33 04	34 09	31 12	31 15	—	—	—	—	—	—	—	—	07 17	07 14	05 12	07 15	08 13	12 04	32 03	—
Chittagong	28 07	17 06	21 09	20 17	21 23	—	—	—	—	—	08 06	11 02	17 12	21 11	21 18	24 15	07 08	13 04	16 11	20 18	20 21	28 12	26 20	—
Cox's Bazar	29 02	22 07	17 09	18 13	21 12	21 19	26 21	27 22	27 33	—	36 12	01 05	16 07	21 09	—	—	02 06	16 02	17 02	21 15	21 13	25 10	24 15	—
Dacca	31 05	30 03	25 02	19 05	22 14	23 21	30 30	28 42	—	—	02 03	09 07	07 07	—	—	—	13 06	13 14	13 13	17 14	20 13	22 16	24 26	23 30
Dalbandin	—	—	09 03	03 06	03 03	24 03	27 09	29 17	29 20	—	—	—	08 05	07 05	19 04	18 02	—	—	07 04	11 06	17 04	29 04	14 07	—
Drosh	—	—	—	—	02 12	01 10	34 24	33 48	—	—	—	—	—	08 01	03 03	35 09	—	—	—	—	06 13	35 23	35 07	28 29
Fort Sandeman	—	—	—	23 03	21 06	27 06	29 19	27 15	—	—	—	—	—	20 04	22 06	31 10	—	—	—	34 01	21 05	24 09	25 16	—
Jacobabad	31 03	31 03	34 03	07 05	05 04	31 06	29 11	29 23	30 32	—	15 02	22 03	26 02	05 04	03 04	11 06	01 02	23 02	02 03	08 05	08 07	18 09	23 14	—
Jacobum	33 04	27 03	27 04	30 04	33 12	31 53	31 26	31 33	30 58	—	33 02	30 05	30 06	31 06	31 05	30 12	22 03	31 10	31 15	31 17	31 19	34 15	33 24	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	05 13	05 14	06 12	11 06	35 03	32 03	29 05	31 11	30 10	30 17	07 19	09 12	10 07	04 10	09 03	08 04	08 33	06 12	09 05	05 10	06 02	13 07	—	—
Khanpur	05 02	06 02	04 03	05 07	04 06	35 07	33 10	29 20	30 42	30 22	15 05	16 03	31 02	05 03	04 05	04 03	—	—	—	—	—	—	—	—
Lahore	30 03	29 04	35 02	34 04	34 03	31 28	32 29	31 37	—	—	32 06	32 11	34 11	34 07	35 05	32 07	21 03	33 06	29 06	35 18	34 17	35 23	—	—
Multan	25 02	23 03	07 03	01 04	03 03	34 13	32 19	30 24	—	—	19 04	22 03	31 02	06 07	15 02	33 07	22 05	23 03	02 03	10 06	06 03	27 03	29 12	28 03
Peshawar	—	14 04	19 02	26 10	29 18	30 17	33 25	—	—	—	—	30 01	32 03	33 05	33 10	31 25	—	33 04	33 06	33 10	34 11	31 18	26 12	25 19
Quetta	—	—	—	—	19 06	34 03	27 12	30 20	29 44	30 37	—	—	No	ascent	—	—	—	—	—	—	17 09	20 12	33 16	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

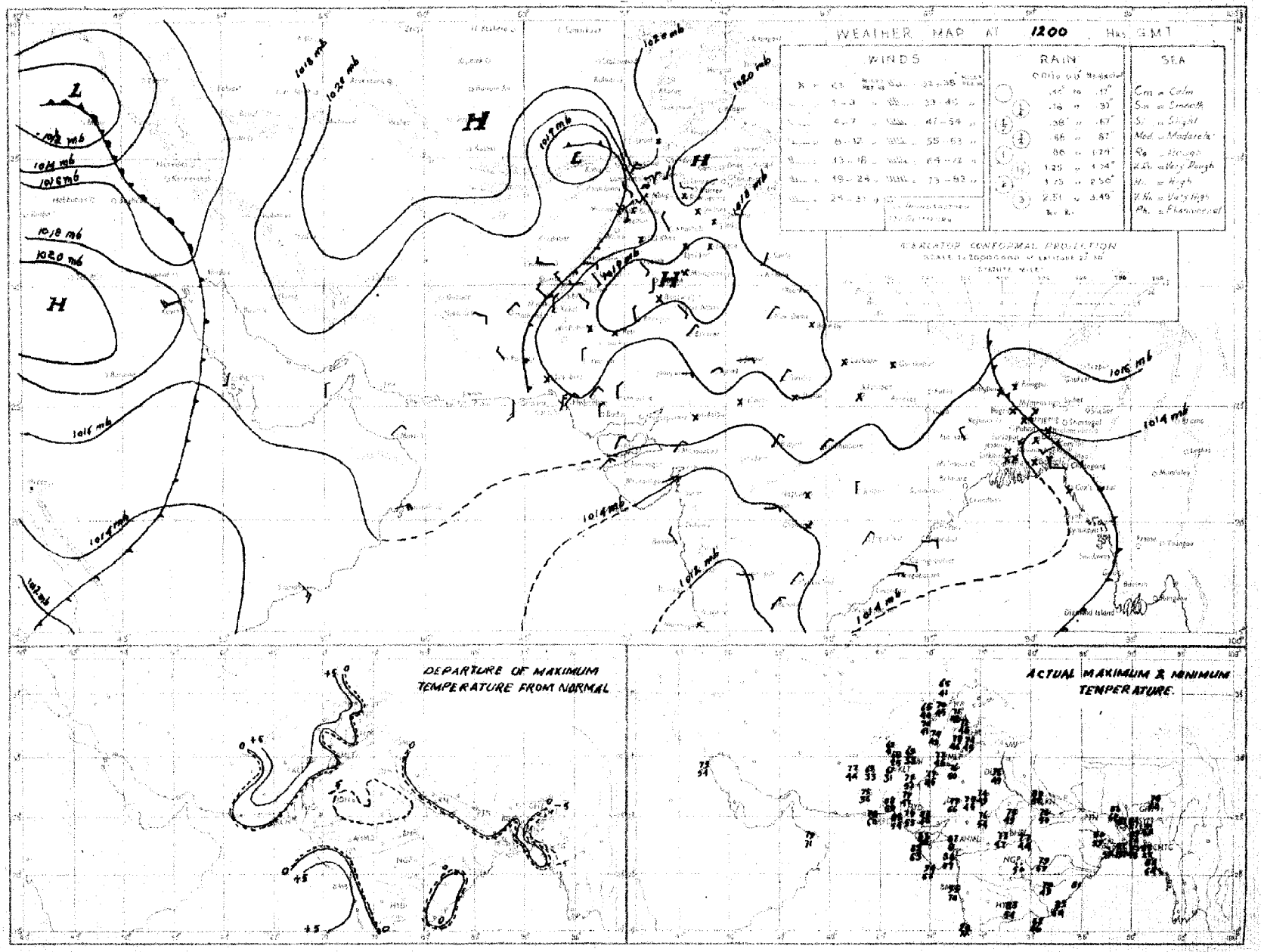
Cloud Observation Data (iiiGG Cddv. v.)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 1.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

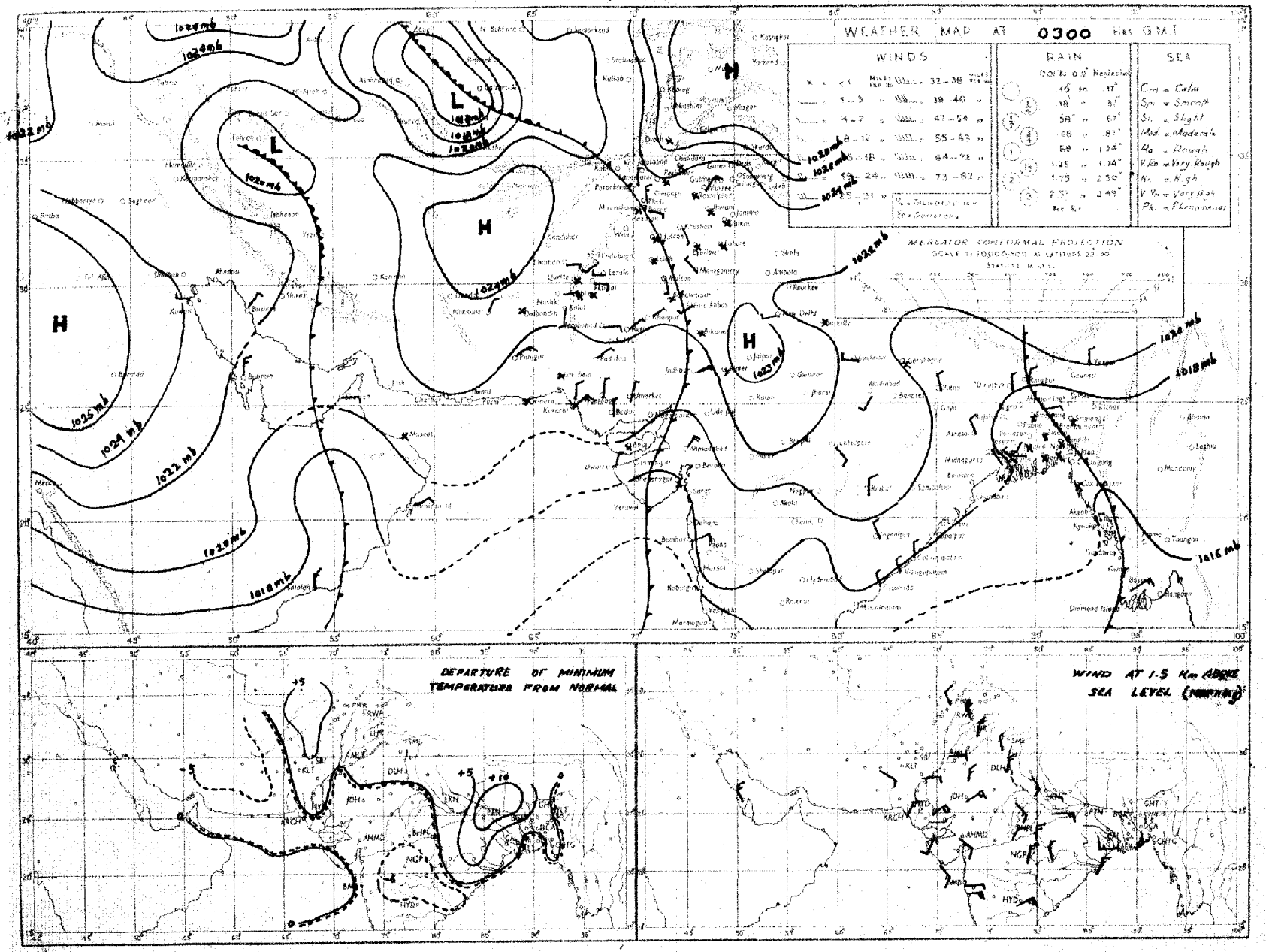
MONDAY 3rd. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

TUESDAY 4th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR WEDNESDAY, THE 5th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A low pressure wave is moving eastwards across the extreme north of West Pakistan.
An extensive low lies over Russian Turkistan.
Data from East Pakistan is absent. Weather continued to be dry over the country.
Night temperatures were appreciably to markedly above normal in West Pakistan outside west Baluchistan and lower Sind.

Forecast valid until the evening of 6th :—Weather will be cloudy in the upper North-West Frontier Province and Kashmir.

Karachi-11.
The 5th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal TxTx	TnTn	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 66	0 34 02	96 00 0	141 77	0 0 9 0 0	- - - 85	000 69	3 00 00	97 01 5	162 75	2 4 7 2 0	2 × × 68		+ 6	0.3	- 3.1	121.7	140
	Chittagong	000 65	0 00 00	92 46 0	××× 74	0 0 9 0 0	- - - 83	000 55	3 05 02	97 02 1	162 79	0 0 9 6 6	+ 5	+ 6	0	- 2.3	134.6	108
	Noakhali	000 65	0 00 00	96 00 0	137 73	0 0 9 0 0	- - - ××	000 63	2 00 00	94 03 4	××× 73	0 0 9 2 0	- - - 63	+ 3	+ 2	0.7	- 1.0	—	115
	Comilla	000 67	0 00 00	×× 00 0	144 78	0 0 9 0 0	- - - 87	000 61	4 36 02	98 01 1	172 71	4 3 7 0 0	- - - 63	—	+ 6	1.4	0	132.6	94
	Brahmanbaria	xxx 58	0 00 00	×× 00 0	139 69	0 0 9 0 0	- - - 83	000 71	0 36 02	97 00 1	177 71	0 0 9 0 0	- - - 65	—	—	0.9	- 0.3	66.4	78
	Dacca	000 61	0 00 00	×× 00 0	135 71	0 0 9 0 0	9 × × 84	××× 64	2 00 00	96 02 7	171 73	1 2 6 4 0	3 × × 56		—		—	—	—
	Narayanganj	000 58	5 00 00	98 02 2	145 75	5 4 7 0 0	- - - 82	000 60	1 00 00	95 01 1	165 75	1 0 6 4 0	3 × 0 63	+ 4	+ 3	0.8	- 0.2	89.5	74
	Mymensingh	000 71	1 00 00	96 01 1	142 71	1 2 6 0 5	- - - 87	000 65	0 00 00	98 00 0	168 71	0 0 9 0 0	- - - 62	+ 3	+ 3	3.0	+ 2.1	64.8	91
	Srimangal							000 68	5 36 02	96 02 1	172 73	2 2 6 0 0	- - - 60	+ 4	+ 9	1.4	- 0.1	106.6	98
	Khulna	000 62	0 00 00	96 00 0	147 72	0 0 9 0 0	- - - 84	000 59	0 00 00	98 00 0	180 72	0 0 9 0 0	- - - 59	+ 4	+ 1	0.8	- 0.4	54.2	68
	Satkhira	000 73	0 00 00	97 00 0	142 75	0 0 9 0 0	- - - 82	000 62	0 11 02	98 00 0	169 72	0 0 9 0 0	- - - 58	0	+ 3	0.2	- 1.6	44.9	65
	Jessore	000 53	0 00 00	×× 00 0	146 70	0 0 9 0 0	- - - 82	000 68	0 00 00	97 00 0	168 66	0 0 9 0 0	- - - 55			1.1	+ 0.1	47.0	65
	Faridpur	000 44	2 00 00	95 05 0	138 74	2 4 7 0 0	9 × × 75	000 62	0 00 00	95 05 0	170 72	0 0 9 0 0	- - - 56	- 3	- 2	1.5	+ 0.3	57.0	71
	Barisal	000 59	0 00 00	97 00 0	148 74	0 0 9 0 0	- - - 83	000 63	3 36 02	98 02 1	171 71	3 8 6 0 0	- - - 62	+ 3	+ 3	1.2	- 0.4	74.7	81
	Pabna																		59
	Rampu Boalia																		56
	Sirajganj	000 65	0 00 00	×× 00 0	135 73	0 0 9 0 0	- - - 77	000 63	0 00 00	99 00 0	172 73	0 0 9 0 0	- - - 58	- 2	+ 1	0.7	0	69.1	64
	Bogra	000 68	3 01 10	96 01 1	132 76	2 2 7 4 0	- - - 81	000 63	1 09 02	96 01 0	170 71	1 1 7 0 0	- - - 59	+ 2	+ 2	0.2	+ 1.2	47.0	69
	Dinajpur	000 59	0 00 00	×× 00 0	159 75	0 0 9 0 0	- - - 82	000 58	0 00 00	96 00 0	185 68	0 0 9 0 0	- - - 60	+ 3	+ 5	0.6	+ 0.2	49.2	72
	Rangpur	000 ××	1 07 02	×× 02 1	— —	0 0 9 0 0	- - - —	000 ××	0 07 02	98 00 1	— —	0 0 9 0 0	- - - —	—		1.2	+ 0.8	80.4	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Allahabad																		—
PUNJAB	Lyallpur	000 55	4 00 00	96 01 0	195 69	0 0 9 0 4	0 2 0 76	000 47	5 00 00	95 11 4	221 48	0 0 9 0 4	9 2 0 47	+ 3	+ 4	0.4	+ 0.3	10.5	12
	Lahore	000 53	3 00 00	96 02 1	200 67	0 0 9 0 1	- - - 75	000 50	6 00 00	94 10 1	221 51	0 0 9 2 3	2 6 × 48	- 2	+ 6	1.3	+ 1.2	16.0	19
	Sialkot	000 55	6 00 00	97 02 1	195 66	2 4 8 6 2	- - - 70	000 51	4 00 00	97 03 1	223 53	4 0 8 6 4	- - - 56	- 3	+ 5	1.9	+ 1.7	20.7	32
	Jhelum	000 53	2 00 00	96 01 1	207 64	0 0 9 0 1	- - - 69	000 48	6 00 00	95 10 1	227 ××	0 0 9 0 4	9 6 × 69	—	—	1.9		28.6	—
	Rawalpindi	000 49	2 00 00	98 01 1	216 61	0 0 9 3 0	- - - 71	000 41	0 00 00	97 00 0	245 45	0 0 9 0 0	- - - ××	0		2.1	+ 1.8	27.9	36
	Murree †	000 28	5 00 00	98 02 1	011 53	0 0 9 0 0	9 4 × 61	000 17	7 02 02	97 02 1	020 48	0 0 9 5 4	9 6 3 45	+ 9	+ 8	2.6	+ 1.7	47.7	59
	Attock	××× ××	0 00 00	96 00 0	— —	0 0 9 0 0	- - - —	××× ××	4 00 00	96 01 0	— —	0 0 9 0 1	- - - —	—	—				—
	Khushab	000 52	3 36 02	99 01 1	197 71	0 0 9 0 8	- - - 76	000 47	4 36 02	99 03 1	225 49	0 0 9 0 4	- - - 47	0	+ 2	0.6	+ 0.5	8.6	15
	Montgomery	000 57	2 00 00	96 01 1	202 71	0 0 9 0 1	9 0 × 76	000 56	6 31 03	96 01 1	220 48	0 0 9 0 1	9 0 × 48	- 1	+ 1	1.1	+ 1.0	7.3	10
	Lyallpur	000 50	4 23 02	97 00 1	195 74	0 0 9 0 3	- - - 76	000 48	0 00 00	97 00 0	231 52	0 0 9 0 0	- - - 46	—	—	0.4	—	7.0	8
	Multan	000 48	0 18 02	97 00 0	198 76	0 0 9 0 0	- - - 77	000 48	4 00 00	95 01 1	232 52	0 0 9 3 0	8 0 9 47	+ 1	+ 2	0	- 0.1	6.9	7
	Khanpur	000 47	6 02 02	95 04 1	198 75	0 0 9 0 4	0 9 × 75	000 44	2 02 02	95 10 0	216 48	0 0 9 0 5	0 9 × 47	- 1	+ 1	0.1	0	2.1	6
	Bahawalpur	000 54	0 00 00	97 00 0	193 72	0 0 9 0 0	- - - 78	000 47	1 00 00	96 00 0	231 49	0 0 9 0 1	0 0 0 48	+ 1	+ 3	0.1	+ 0.1	4.6	6
	Fort Abbas	000 59	0 00 00	96 00 0	194 72	0 0 9 0 0	- - - 77	000 45	0 00 00	96 00 0	223 55	0 0 9 0 0	- - - 50		—	1.3		5.0	8
N. W. F. P.	Drosh *	122 44	8 13 05	98 02 1	076 59	0 0 9 0 6	- - - 64	000 14	5 00 00	99 02 1	097 47	0 0 9 5 1	9 × 6 45	+ 7	+ 6	1.1	-	25.8	18
	Chakdara	000 48	6 20 05	99 03 1	184 61	6 0 6 4 0	2 9 9 69	000 41	5 00 00	98 03 1	230 45	5 0 6 6 0	2 0 9 41			1.2	-	21.5	—
	Cherat *	000 41	7 18 04	97 03 1	056 57	0 0 9 0 7	4 6 × 64	000 34	3 36 10	98 01 1	040 54	0 0 9 0 2	8 × × 46	+ 5	+ 1	2.8	+ 2.3	31.7	29
	Peshawar	000 53	8 05 02	96 03 1	201 61	0 0 9 7 4	- - - 69	000 42	6 23 02	97 02 1	227 05	0 0 9 3 1	- - - 47	- 1	+ 4	0.8	+ 0.4	9.9	14
	Parachinar	000 27	7 09 02	99 02 2	016 54	0 0 9 6 3	3 0 0 65	000 24	3 31 02	99 01 1	013 42	0 0 9 3 0	3 × 3 41	+ 6	+ 6	1.0		2.9	29
	Miranshah	000 37	8 07 02	99 02 1	051 64	8 2 6 6 5	- - - 70	000 16	4 00 00	99 02 1	091 42	0 0 9 0 5	- - - 40			0.5	+ 0.5	1.1	12
	Bannu	000 47	6 02 02	99 02 1	187 67	6 3 5 0 0	- - - 72	000 41	0 00 00	99 00 0	235 47	0 0 9 0 0	- - - 45	—	—	0.5		6.3	11
	D. I. Khan	000 49	0 00 00	96 00 0	197 74	0 0 9 6 0	- - - 74	000 42	2 00 00	95 03 0	222 45	0 0 9 0 8	0 5 × ××	- 1	—	0	- 0.2	2.3	9
	Wana																		11
	Landikotal	000 39	8 00 00	99 02 2	037 58	8 6 6 0 0	- - - 66	000 37	5 00 00	99 02 1	056 46	5 4 6 0 6	- - - 38		-	0.9	—	12 8	—
	Hangu	×× ××	8 00 00	98 03 1	— —	0 0 9 4 0	8 × 0 —	××× ××	4 00 00	99 03 1	— —	0 0 9 4 0	9 × 0 —	—	—		—		—
	Thull	××× ××	5 00 00	98 02 1	— —	1 3 8 1 3	9 0 0 —	××× ××	5 36 09	98 03 1	— —	2 5 × 2 1	0 0 —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 33	7 00 00	98 01 2	037 67	0 0 9 0 6	8 × × 71	000 23	1 00 00	97 01 1	066 40	0 0 9 0 1	9 × × 38	+ 6	+ 2	0.3	0	10.2	11
	Hindubagh	000 17	7 09 05	97 02 2	008 61	7 7 8 0 0	7 × × 68	000 10	0 00 00	98 00 0	034 41	0 0 9 0 0	- - - 28			0	—	9.0	—
	Loralai	000 23	5 18 07	96 03 1	004 62	0 0 9 0 2	- - - 68	000 15	2 23 05	96 01 1	041 35	0 0 9 0 1	- - - 33			0.1		8.6	—
	Harnai (a)	000 ××	4 27 05	95 03 2	—	0 0 9 0 7	- - - —	000 ××	0 09 02	96 00 0	—	0 0 9 4 0	- - - —			0.1	- 0.2	10.7	14
	Sibi	000 40	5 13 05	98 02 1	182 75	0 0 9 0 4	7 9 × 80	000 40	3 00 00	98 03 0	220 61	0 0 9 7 0	1 × 9 50			0	—	3.8	5
	Quetta †	000 40	6 00 00	99 02 1	005 69	0 0 9 0 9	8 0 × 74	000 10	0 18 03	99 00 0	004 33	0 0 9 0 0	- - - 30			0.1	- 0.4	9 4	9
	Chaman	000 31	7 00 00	97 03 1	037 64	0 0 9 2 0	9 × 9 69	000 19	0 11 02	97 00 0	061 47	0 0 9 0 0	- - - 41	+ 8	+ 3	0	- 0.6	9.6	8
	Nushki	000 30	6 31 07	97 03 1	101 73	0 0 9 0 1	9 9 0 75	000 25	0 07 02	96 00 0	108 59	0 0 9 0 0	- - - 51	0	—	0	-	5.4	—
	Dalbandin *	023 26	7 00 00	96 03 1	031 75	0 0 9 0 4	9 6 × 76	000 21	0 00 00	96 00 0	033 41	0 0 9 0 0	- - - 36	+ 7	- 1	0	- 0.1	1.5	4
	Nokkundi	000 37	7 11 02	99 03 1	141 74	0 0 9 0 5	9 9 × 75	000 31	0 02 02	99 00 0	210 54	0 0 9 0 0	- - - 47	-	-	0	—	1.0	2
	Kalat †	000 44	3 18 05	98 03 1	017 64	0 0 9 0 4	7 4 0 70	000 24	0 18 05	98 00 0	033 35	0 0 9 0 0	- - - 30	+ 6	+ 3	0.5	+ 0.2	10.2	7
	Turbat																		—
	Panjgur *							000 14	0 05 03	97 00 0	046 41	0 0 9 0 0	- - - 37		- 4	0	—	3.2	6
	Las Bela	000 59	0 00 00	99 00 0	173 85	0 0 9 0 0	- - - 87	000 46	0 00 00	97 00 0	210 64	0 0 9 0 0	- - - 48	—	—	0	—	1.7	8
	Ormara	000 73	0 27 05	96 00 0	177 77	0 0 9 0 0	- - - 78	000 59	0 00 00	96 00 0	206 62	0 0 9 0 0	- - - ××	—	—	0	0	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 42	0 09 02	96 00 0	189 77	0 0 9 0 0	- - - 77	000 39	0 05 02	96 00 0	225 47	0 0 9 0 0	- - - 44	—	—	0	—	2.2	—
	Jacobabad	000 46	2 27 02	97 02 0	184 78	0 1 9 0 1	- - - 79	000 40	2 00 00	97 03 1	214 54	0 0 9 0 1	- - - 53	+ 1	+ 4	0	- 0.1	0.7	4
	Sukkur	000 51	6 00 00	96 02 1	187 73	0 0 9 0 3	8 8 × 78	000 47	0 ×××	96 00 1	219 55	0 0 9 0 0	9 × × 60			0	—	1 0	6
	Padidan	000 46	0 00 00	98 00 0	185 76	0 0 9 0 0	- - - 77	000 46	0 00 00	98 00 0	218 48	0 0 9 0 0	- - - 46	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 59	0 02 05	99 00 0	173 79	0 0 9 0 0	- - - 84	000 50	0 05 05	96 00 0	205 65	0 0 9 0 0	- - - 63	+ 3	0	0.1	0	1.7	3
	Karachi (*A. P.*)	000 48	1 07 06	97 02 1	175 80	0 0 9 0 1	- - - 82	000 43	0 36 05	96 00 0	210 58	0 0 9 0 0	- - - 55	—		0		3.0	—
	Badin	000 42	0 05 03	97 00 0	170 80	0 0 9 0 0	- - - 82	000 42	0 36 03	97 00 0	219 55	0 0 9 0 0	- - - 50	- 1	- 4	0.9	+ 0.7	7.8	9
	Nagarparkar																		—
	Chhor (*Umarkot*)	000 72	0 02 05	97 00 0	164 81	0 8 9 0 0	- - - 84	000 47	0 02 03	97 00 0	201 54	0 0 9 0 0	- - - 49		-	0	-	2.3	—
	Hyderabad	000 47	0 02 03	98 00 0	179 77	0 0 9 0 0	- - - 79	000 47	0 36 03	96 00 0	214 59	0 0 9 0 0	- - - 55	- 3	+ 1	0	- 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 27	8 00 00	98 03 1	042 53	0 0 9 2 -	- - - 59	000 21	0 20 03	99 00 0	067 40	0 0 9 0 0	- - - 31	—	—	0	—	10.6	12
	Jalalabad	000 45	6 09 02	97 03 1	016 66	0 0 9 0 4	4 × 9	000 37	1 00 00	97 01 1	028 46	0 0 9 0 1	3 9 × 48	—	—	0.3	—	7.3	—
	Kandahar																		—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 5TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_gT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_sD_wT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_gT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1D_sD_wT_xT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Chabbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Boshire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
Arabia	Muscat	—	000 61	0 31 02	99 00 0	174 77	0 0 9 0 0	- - - 80	000 59	0 18 02	99 00 0	202 71	0 0 9 0 0	- - - 69	0	- 2	0	3 3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 57	0 31 07	97 00 0	226 69	0 0 9 0 0	- - - 69	000 51	0 27 08	97 00 0	246 59	0 0 8 0 0	- - - 51	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 3 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	S $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Corfu	33 144	739 00	0 08 13	99 00 0	127 80	00 9 00	4 6 504	—	0 01 62	—
Bharatmala	33 160	732 05	4 05 09	98 01 0	115 82	46 8 21	—	—	—	—
Corfu	33 139	747 06	6 09 15	99 02 0	142 85	00 9 07	4 6 903	—	0 04 62	—
British Marquis	33 185	727 06	0 10 13	99 00 0	166 84	00 9 00	8 4 105	—	0 02 62	1 11 23
Majidicourt	33 106	573 06	8 04 19	98 25 2	148 81	73 4 6×	2 5 302	—	0 01 ××	1 04 34
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_0P_0P_0T_0T_0$	$T_dT_dT_{X0}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{X1}$ etc.	5555	$h_1h_1P_1P_1P_1$	$T_1T_1T_{d1}T_{d1}T_{X1}$ etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi —	780 14	015 23	108 60	000 51	220 75	856 07	176 34	700 46	116 91	555 55
	359 00	165 24	389 85	155 21	528 44	176 45	688 00	166 78	466 00	026 54
	625 66	509 91								

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30
	2	3	4	5	6	7	8	9	10	11
Bogra —	19 04	09 05	11 04	—	—	—	—	—	—	—
Okhor —	01 08	02 09	04 10	09 05	10 04	11 02	02 03	32 15	—	—
Chittagong —	25 03	21 05	19 06	20 12	21 21	—	—	—	—	—
Cox's Bazar —	35 04	08 02	15 06	20 12	20 17	19 13	25 20	24 27	—	—
Dacca —	17 08	17 13	16 07	20 19	19 30	24 20	36 27	—	—	—
Dalbandin —	—	—	10 02	19 08	18 15	22 12	26 15	27 23	26 20	—
Drosh —		—	—	—	10 69	36 10	22 08	25 20	27 27	29 23
Fort Sandeman —	—	—	—	24 09	20 07	21 15	24 13	—	—	—
Jacobabad —	35 01	31 01	33 01	27 03	19 13	21 10	29 07	30 09	28 19	—
Jhelum —	—	—	—	—	—	—	—	—	—	—
Jiwani —										
Karachi —	06 09	07 09	05 09	07 08	09 05	18 07	33 08	01 14	33 14	23 14
Khanpur —								—	—	—
Lahore —	29 03	30 04	33 03	35 10	33 13	33 12	35 16	31 23	32 29	31 46
Multan —	19 03	19 05	19 05	19 04	22 05	24 13	26 15	27 20	—	—
Peshawar —	—	09 02	14 02	31 06	21 06	24 08	26 14	25 20	28 86	
Quetta —					21 04	23 10	27 17	27 20	25 25	26 37
Bushire —						—				
Sharjah —						—				

STATION	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra —	10 06	07 08	09 10	—	—	—	12 12	12 13	11 19	19 26	13 21			
Okhor —	—	—	—	—	—	—	08 11	07 10	×× ××	13 04	15 05	18 09	32 03	30 11
Chittagong —	06 05	08 09	19 17	19 10		—	04 09	04 09	06 05	20 06	21 13	23 20	26 20	25 46
Cox's Bazar —	34 11	33 12	20 05	16 21	—	—				—	—	—		—
Dacca —	24 05	21 05	20 15	19 25	19 23		01 04	09 10	11 18	18 19	20 27	22 18	23 15	—
Dalbandin —	—		31 03	17 06	20 03	22 10		—	12 03	15 02	24 01	25 13	24 29	26 41
Drosh —	—		—	07 02	02 09	03 08	—	—	—	—	01 09	35 16	15 12	23 08
Fort Sandeman —	—		—	23 03	20 04	20 06	—		27 02	26 03	29 04	25 29	25 30	26 30
Jacobabad —	33 08	09 03	10 04	12 04	23 04		09 03	07 03	05 07	14 03	13 04	18 09	24 13	—
Jhelum —	33 05	31 05	32 07	35 04	31 08	27 07	04 02	32 06	33 06	22 01	28 06	38 07	26 10	2 28
Jiwani —														
Karachi —	08 12	10 09	08 09	12 03	11 03	12 01	07 17	08 05	15 01	11 04	17 07	21 07	30 07	26 14
Khanpur —	48 05	09 04	05 02	18 06	20 09	22 10	09 08	05 06	35 05	13 03	19 10	23 15	24 15	27 20
Lahore —	—	—	—	—	—	—	29 07	35 08	35 12	32 15	32 12	30 08	25 17	27 26
Multan —	14 05	14 03	18 03	20 09	22 11	—	17 05	14 02	06 03	20 06	21 13	22 17	—	—
Peshawar —	—	35 03	31 03	14 02	32 02	13 05	—	—	—	—		—	—	—
Quetta —	—	—	No	ascent	—	—	—	—			28 04	25 09	25 19	—
Bushire —	—	—			—							—		—
Sharjah —													—	

Cloud Observation Data (iiiGG Cddv, v_r)

Drosh 51503 12611
Dalbandin 71208 12510

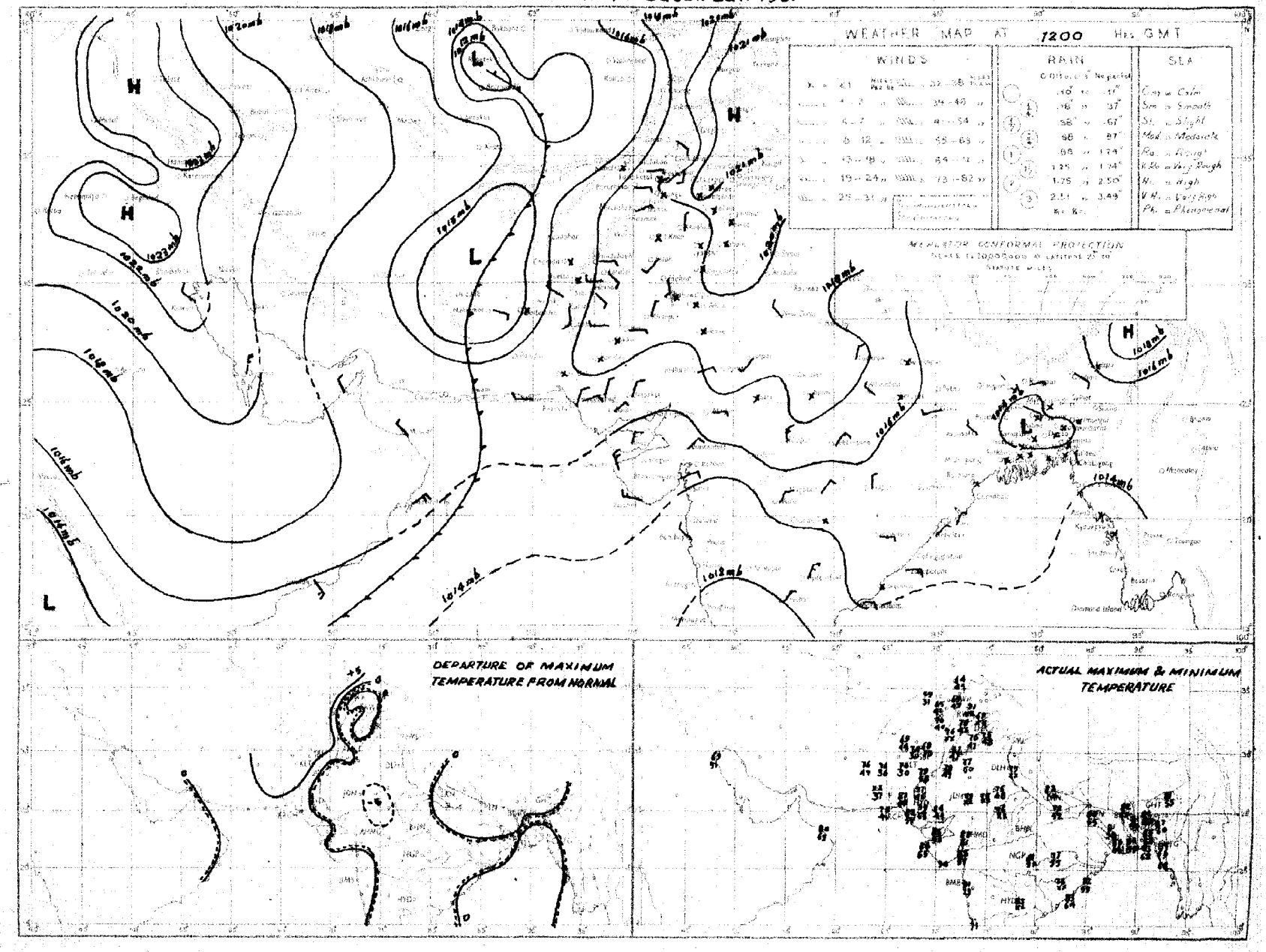
Multan 67503 42419
Drosh 51502 42713

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0. km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet

N. P. W.

PAKISTAN DAILY WEATHER MAP

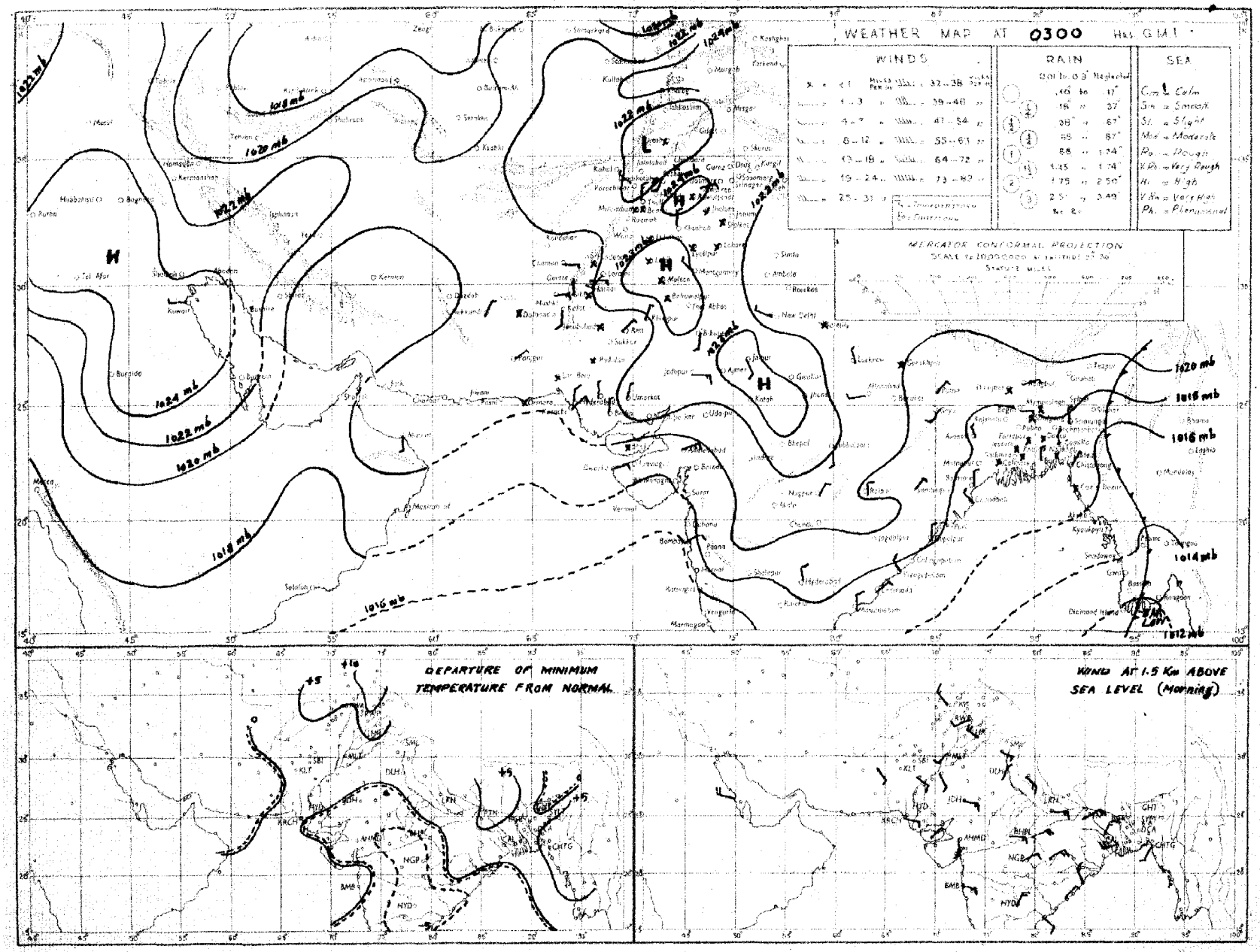
TUESDAY 4th: DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past , hours

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 5th DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 6th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance moving across Russian Turkistan, is likely to affect the extreme north of West Pakistan.

Another western disturbance is approaching north Iraq.

A depression lies in southeast Bay of Bengal with its central region within one degree latitude 10°N and longitude 90°E.

Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal over the country.

Forecast valid until the evening of 7th :—Weather will be cloudy with scattered rain/drizzle in the upper North-West Frontier Province and Kashmir.

Karachi-11.
The 6th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal TxTx	TnTn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 73	2 00 00	96 01 1	136 80	2 4 7 0 0	- - - 87	000 65	0 00 00	96 00 0	138 67	0 0 9 0 0	- - - xx	+ 6	x	0.3	- 3.2	121.7	140
	Chittagong	000 66	0 31 02	96 00 0	136 81	0 0 9 0 0	- - - 89	000 67	0 05 02	97 00 0	157 78	0 0 9 0 0	- - - 67	+ 9	+ 8	0	- 2.3	134.6	108
	Noakhali	000 69	0 00 00	xx xx x	xxxx 71	0 0 9 0 0	- - - 87	000 69	0 00 00	94 40 4	xxx 80	0 0 9 0 0	- - - 63	+ 7	+ 3	0.7	- 1.0	—	115
	Comilla	000 70	0 00 00	95 00 1	134 79	0 0 9 0 0	- - - 81	000 67	0 36 05	98 00 0	161 73	0 0 9 0 0	- - - 71	0	+15	1.4	0	132.6	94
	Brahmanbaria	000 73	0 00 00	xx 90 0	135 82	0 0 9 0 0	- - - 89	000 67	0 36 02	97 00 0	170 75	0 0 9 0 0	- - - 65	-	-	0.9	- 0.3	66.4	78
	Dacca	xxx 68	0 00 00	xx 00 1	136 76	0 0 9 0 0	9 x x 88	000 64	1 00 00	96 02 1	160 74	0 0 9 0 1	3 x x 61					—	
	Narayanganj	000 57	0 00 00	xx 00 1	128 78	0 0 9 0 0	9 x x 90	000 64	0 07 02	95 00 1	158 80	0 0 9 0 0	3 x x 64	+10	+ 7	0.7	- 0.3	89.5	74
	Mymensingh	000 59	0 00 00	99 00 0	137 74	0 0 9 0 0	- - - 81	000 66	0 00 00	97 00 0	152 72	0 0 9 0 0	- - - 61	+ 2	+ 4	3.0	+ 2.1	64.8	91
	Srimangal	000 59	0 00 00	xx 00 1	139 70	0 0 9 0 0	- - - 85	000 67	2 05 02	96 02 1	170 69	0 0 9 3 0	- - - 56	+ 2	+ 6	1.4	- 0.1	100.6	98
	Khulna	000 63	0 00 00	97 00 0	147 73	0 0 9 0 0	- - - 87	000 61	0 05 02	98 00 0	171 74	0 0 9 0 0	- - - 63	+ 7	+ 7	0.8	- 0.2	54.2	68
	Satkhira	000 74	0 00 00	97 00 0	137 75	0 0 9 0 0	- - - 83	000 62	0 31 02	97 00 1	160 70	0 0 9 0 0	- - - 60	+ 1	+ 6	0.2	- 1.6	44.9	65
	Jessore	000 63	0 00 00	xx 00 0	146 70	0 0 9 0 0	- - - 85	000 61	0 34 03	97 00 0	167 71	0 0 9 0 0	- - - 62			1.1	+ 0.1	47.0	65
	Faridpur	000 64	0 00 00	95 05 0	128 74	0 0 9 0 0	- - - 75	000 61	1 02 02	95 05 0	167 72	0 0 9 0 8	9 x x 61	- 3	+ 4	1.5	+ 0.3	57.0	71
	Barisal	000 67	0 00 00	96 05 1	134 79	0 0 9 0 8	- - - 86	000 63	2 05 03	98 03 0	161 79	0 0 9 0 6	- - - 65	+ 6	+ 8	1.2	- 0.5	74.7	81
	Pabna																		59
	Rampu Boalia																		53
	Sirajganj	000 67	0 00 00	xx 00 0	133 73	0 0 9 0 0	- - - 79	000 68	0 00 00	99 00 0	169 74	0 0 9 0 0	- - - 63	0	+ 7	0.7	0	69.1	61
	Bogra	000 6	1 00 00	96 01 0	144 77	1 1 8 0 0	- - - 82	000 64	0 02 02	96 00 0	172 70	0 0 9 0 0	- - - —	+ 4	-	2.0	+ 1.1	48.9	69
	Dinajpur	000 61	0 00 00	xx 00 0	157 76	0 0 9 0 0	- - - 83	000 59	0 00 00	96 00 0	183 71	0 0 9 0 0	- - - 57	+ 4	+ 4	0.6	- 0.2	49.2	72
	Rangpur	000 xx	0 00 00	xx 00 1	— —	0 0 9 0 0	- - - —	000 xx	0 05 02	98 00 1	— —	0 0 9 0 0	- - - —		-	1.2	+ 0.8	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Allahabad																		
PUNJAB	Lyallpur	000 53	0 00 00	96 00 0	196 69	0 0 9 0 0	- - - 76	000 45	0 20 02	93 11 4	213 47	0 0 9 0 0	2 x x 45	+ 3	+ 3	0.4	+ 0.3	10.5	12
	Lahore	000 55	1 27 02	96 01 1	203 67	0 0 9 0 1	- - - 74	000 48	0 00 00	94 10 0	217 49	0 0 9 0 0	- - - 45	- 3	+ 4	1.3	+ 1.3	16.0	19
	Sialkot	000 54	3 00 00	97 02 1	195 65	3 2 5 0 0	- - - 70	000 49	1 31 02	97 02 1	216 51	0 0 9 0 4	- - - 48	- 3	+ 5	1.9	+ 1.7	20.7	32
	Jhelum	000 52	2 00 00	96 02 1	200 67	0 0 9 0	- - - 71	000 45	1 00 00	96 10 0	218 49	0 0 9 0 1	- - - 46	-		1.9	-	28.6	..
	Rawalpindi	000 45	0 07 02	99 00 0	222 69	0 0 9 0 0	- - - 69	000 42	0 00 00	97 00 0	223 44	0 0 9 0 0	- - - 40	- 2	+ 2	2.1	+ 1.7	27.9	36
	Murree †	000 25	1 05 03	98 01 1	014 53	0 0 9 8 9	9 x 9 59	000 17	1 00 00	98 01 1	019 49	0 0 9 0 4	9 2 x 44	+ 7	+ 8	2.6	+ 1.7	47.7	59
	Attock	xxx xx	0 27 02	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	91 xx 0	— —	9 — 0 —	- - - —	-	-				
	Khushab	000 44	0 20 02	99 00 0	199 74	0 0 9 0 0	- - - 74	000 43	0 27 02	99 00 0	213 48	0 0 9 0 0	- - - 46	- 2	+ 8	0.6	+ 0.5	8.6	15
	Montgomery	000 55	0 00 00	97 00 0	198 71	0 0 9 0 0	- - - 74	000 46	0 31 03	96 00 0	222 48	0 0 9 0 0	- - - 47	- 3	+ 2	1.1	+ 1.0	7.3	10
	Lyallpur	000 52	0 27 02	97 00 0	192 75	0 0 9 0 0	- - - 77	000 45	0 00 00	97 00 0	224 46	0 0 9 0 0	- - - 44			0.4	—	6.9	5
	Multan	000 50	0 00 00	97 00 1	193 72	0 0 9 0 0	- - - 77	000 48	0 00 00	95 00 0	225 54	0 0 9 0 0	- - - 46	+ 1	+ 2	0	- 0.1	6.9	7
	Khanpur	000 50	0 00 00	95 04 0	189 74	0 0 9 0 0	- - - 77	000 44	0 05 04	95 10 0	216 47	0 0 9 0 0	- - - 47	- 2	+ 2	0.1	0	2.1	6
	Bahawalpur	000 54	0 00 00	97 00 0	190 72	0 0 9 0 0	- - - 78	000 46	0 00 00	96 00 0	216 47	0 0 9 0 0	- - - 47	+ 1	+ 2	0.1	+ 0.1	4.5	6
	Fort Abbas	000 56	0 00 00	96 00 0	189 70	0 0 9 0 0	- - - 79	000 47	0 00 00	96 00 0	225 55	0 0 9 0 0	- - - 50		-	1.3		5.0	8
N. W. F. P.	Drosh *	000 18	0 00 00	99 00 1	036 58	0 0 9 0 0	- - - 67	000 19	6 00 00	99 02 0	102 43	0 0 9 0 6	- - - 40	+10	+ 3	1.1		25.8	18
	Chakdara	000 47	0 20 09	99 00 0	189 62	0 0 9 0 0	- - - 69	000 39	0 36 02	98 00 0	235 41	5 0 6 0 0	- - - 40		-	1.2		21.5	
	Cherat *	000 45	0 07 02	97 00 1	054 57	0 0 9 0 0	6 x x 65	000 44	0 36 14	98 00 0	056 54	0 0 9 0 0	- - - 45	+ 6	+ 2	2.8	+ 2.3	31.7	20
	Peshawar	000 50	0 00 00	96 00 0	205 62	0 0 9 0 0	- - - 69	000 40	3 23 02	96 03 1	223 47	0 0 9 0 1	- - - 45	- 1	+ 3	0.8	+ 0.4	10.0	14
	Parachinar	000 27	0 13 02	99 00 1	015 58	0 0 9 0 0	3 x x 65	000 24	3 00 00	99 01 1	017 45	0 0 9 0 1	2 9 x 39	+ 6	+ 6	1.0		2.9	22
	Miranshah	000 37	0 11 02	99 00 0	048 64	0 0 9 0 0	- - - 79	000 32	2 34 02	99 02 0	053 42	0 0 9 0 5	- - - xx			0.5	+ 0.4	1.1	18
	Bannu	000 45	0 07 02	99 00 0	222 70	0 0 9 0 0	- - - 73	000 40	0 27 02	99 00 0	222 48	0 0 9 0 0	- - - 45	—		0.5		6.3	11
	D. I. Khan	000 49	0 00 00	96 00 0	181 71	0 0 9 0 0	- - - 75	000 40	0 00 00	96 00 0	217 45	0 0 9 0 0	- - - xx	0	+ 7	0	- 0.2	2.3	9
	Wana																		11
	Landikotal	000 41	0 13 03	99 00 0	042 58	0 0 9 0 0	- - - 69	000 36	4 00 00	99 02 1	047 47	0 0 9 0 9	- - - 38	0	—	0	—	12.8	
	Hangu	xxx xx	0 05 02	99 00 1	— —	0 0 9 0 0	- - - —	xxx xx	1 00 00	99 01 1	— —	0 0 9 0 2	9 0 x —	—	—	—	—		
	Thall	xxx xx	0 27 09	98 00 0	— —	0 0 9 0 0	- - - —	xxx xx	2 36 09	98 00 0	— —	0 0 9 0 2	0 0 x —	—	—	—	—	—	
BALUCHISTAN	Fort Sandeman *	000 xx	0 00 00	97 05 0	032 68	0 0 9 0 0	- - - 72	000 22	2 00 00	97 01 1	063 39	0 0 9 9 5	2 x x 36	+ 7	+ 2	0.3	0	10.2	11
	Hindubagh	000 08	0 09 05	97 00 0	006 61	0 0 9 0 0	- - - 68	000 07	1 23 05	98 03 0	028 37	0 0 9 3 0	3 x 0 20	-		0	—	9.0	
	Loralai	000 31	0 00 00	95 00 1	034 62	0 0 9 0 0	- - - 66	000 15	0 27 02	97 00 0	020 35	0 0 9 0 0	- - - 32	-	-	0.1		8.6	
	Harnai (a)	000 xx	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	000 xx	3 09 03	96 01 1	— —	0 0 9 0 3	- - - —	-	-	0.1	- 0.3	10.7	14
	Sibi	000 40	0 00 00	98 00 0	179 76	0 0 9 0 0	- - - 78	000 38	0 00 00	98 00 0	217 52	0 0 9 0 0	- - - 50	—		0	—	3.8	5
	Quetta †	000 40	0 31 05	98 00 0	025 63	0 0 9 0 0	- - - 69	000 05	0 00 00	99 00 0	096 34	0 0 9 0 0	- - - 26			0.1	- 0.4	9.4	9
	Chaman	000 18	0 31 02	97 00 0	028 65	0 0 9 0 0	- - - 68	000 19	0 11 02	97 00 0	053 51	0 0 9 0 0	- - - 48	+ 7	+ 9	0	- 0.7	9.6	8
	Nushki	000 39	0 31 05	97 00 0	088 76	0 0 9 0 0	- - - 79	000 27	0 07 xx	96 00 0	109 58	0 0 9 0 0	- - - 43	-	—	0	—	5.4	
	Dalbandin *	000 33	0 00 00	96 00 0	042 77	0 0 9 0 0	- - - 78	000 23	0 00 00	96 00 0	036 40	0 0 9 0 0	- - - xx	+ 9	x	0	- 0.1	1.8	4
	Nokkundi	000 45	0 11 09	99 00 0	143 75	0 0 9 0 0	- - - 77	000 34	0 05 05	99 03 0	191 54	0 0 9 0 1	0 0 x 60	-	-	0	—	1.0	2
	Kalat †	000 47	0 18 07	98 00 0	018 66	0 0 9 0 0	- - - 68	000 21	0 18 05	98 00 0	036 35	0 0 9 0 0	- - - 31	+10	+ 4	0.5	+ 0.2	10.2	7
	Turbat																		
	Panjgur *	000 34	0 23 03	97 00 0	029 71	0 0 9 0 0	- - - 72	000 28	0 05 03	97 00 0	045 44	0 0 9 0 0	- - - 38	+ 3	- 1	0	—	3.2	5
	Las Bela	000 58	0 00 00	99 00 0	174 86	0 0 9 0 0	- - - 83	000 41	0 00 00	98 00 0	207 54	0 0 9 0 0	- - - 46	-	-	0	—	1.7	8
	Ormara																		6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 56	0 09 02	96 00 0	186 75	0 0 9 0 0	- - - 78	000 39	0 00 00	96 00 0	217 48	0 0 9 0 0	- - - 43	-	—	0	—	2.2	—
	Jacobabad	000 43	0 29 03	97 00 0	188 75	0 0 9 0 0	- - - 78	000 36	0 13 02	96 00 0	219 52	0 0 9 0 0	- - - 49	0	+ 3	0	- 0.1	0.7	4
	Sukkur	000 50	0 xx xx	96 00 0	186 74	0 0 9 0 0	- - - 81	000 47	0 xx xx	96 00 0	214 57	0 0 9 0 0	- - - 50			0	—	1.0	4
	Padidan	000 42	0 00 00	98 00 0	182 77	0 0 9 0 0	- - - 77	000 40	0 00 00	98 00 0	217 47	0 0 9 0 0	- - - 43	—	-	0	—	0.9	—
	Karachi (*Manora*)	000 63	0 00 00	99 00 0	169 82	0 0 9 0 0	- - - 84	000 50	0 05 09	97 00 0	198 65	0 0 9 0 0	- - - 63	+ 3	+ 2	0.1	0	1.7	3
	Karachi (*A. P.*)	000 51	0 07 07	98 00 0	171 82	0 0 9 0 0	- - - 84	000 45	0 36 05	98 00 0	202 59	0 0 9 0 0	- - - 54	—		0		3.0	
	Badin	000 44	0 36 03	97 00 0	166 80	0 0 9 0 0	- - - 84	000 41	0 36 05	97 00 0	213 52	0 0 9 0 0	- - - 49	+ 1	+ 4	0.9	+ 0.7	7.8	9
	Nagarparkar																		
	Chhor (*Umerkot*)	000 56	0 36 07	97 00 0	164 80	0 0 9 0 0	- - - 83	000 37	0 00 00	97 00 0	192 53	0 0 9 0 0	- - - 19		-	0	—	2.3	—
	Hyderabad	000 47	0 02 03	98 00 0	179 77	0 0 9 0 0	- - - 79	000 46	0 36 03	98 00 0	211 57	0 0 9 0 0	- - - 55	- 3	+ 2	0	- 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 21	0 03 03	99 00 0	053 57	0 0 9 0 0	- - - 63	000 29	4 20 09	99 02 1	067 37	0 0 9 0 1	- - - 29	—	—	0	—	10.6	14
	Jalalabad	000 41	0 06 00	97 00 1	015 68	0 0 9 0 0	9 x x 70	000 35	3 25 03	97 01 0	023 50	0 0 9 0 1	3 9 x 47	—	—	0.3	—	7.3	—
	Kandahar	000 29	0 00 00	98 00 0	083 76	0 0 9 0 0	- - - 75												—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 6TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_x T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
Arabia	Muscat	—	000 65	0 36 02	99 00 0	178 76	0 0 9 0 0	- - - 80	000 62	0 00 00	99 00 0	199 72	0 0 9 0 0	- - - 70	0	- 1	0	- 0 5	3 3	4
	Sharjah	—	—	—	—	—	—	—	000 45	0 28 02	97 00 9	230 61	0 0 9 0 0	- - - 50	—	—	—	—	—	4
	Kuwait	—	—	—	—	—	—	—									0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (8,350-8,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ aep	8 $N_s Ch_s h_s$	0 $T_s T_s T_d T_d$	$18_w d_w P_w P_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Umaria —	43 105	756 06	2 06 09	98 00 0	132 81	11 5 01	—	—	—	—
Strathnavar —	43 150	531 ××	5 01 14	98 02 1	152 76	44 4 20	1 7 801	—	0 51 72	1 01 34
Mapia —	43 100	602 ××	8 03 18	98 02 2	114 82	34 4 ×0	—	—	0 01 77	1 03 41
Bharatpala —	43 207	717 12	0 11 05	98 00 0	130 82	00 9 00	—	—	—	—
Umaria —	43 117	750 12	1 80 02	99 02 0	106 91	00 9 01	—	—	—	—
Umaria —	43 125	747 18	1 81 02	98 02 0	134 82	00 9 01	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	n1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi —	780 15	016 28	121 60	000 58	231 13	855 14	195 15	700 51	085 21
	11	12	13	14	15	16	17	18	19
Karachi —	500 88	569 97	801 70	869 90	555 55	359 00	200 61	888 00	175 82
	20	21	22	23	24	25	26		
Karachi —	466 00	019 97	565 78	009 90	504 00	699 94	813 50		

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
nh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ — Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra —	11 05	12 10	12 15	13 17	15 10	12 08	08 19	01 87	—	—	02 09	05 08	09 08	10 09	—	—	—	—	—	—	—	—	—	
Chhor —	08 10	02 04	05 07	13 03	19 07	19 02	33 03	27 13	—	—	—	—	—	—	—	—	07 11	07 09	06 03	08 04	29 06	19 08	33 05	27 13
Chittagong —	01 05	35 04	33 04	26 02	—	—	—	—	—	—	35 07	35 07	23 05	05 10	27 04	22 04	08 16	03 15	05 15	01 05	04 07	08 18	05 11	—
Cox's Bazar —	33 07	31 02	22 02	29 02	24 08	21 12	27 21	27 07	—	—	01 08	01 06	01 07	04 05	04 06	33 02	02 19	02 17	03 15	04 08	08 06	08 12	02 11	—
Dacca —	09 04	11 04	12 03	19 12	21 21	24 06	35 03	33 29	—	—	36 14	04 07	09 07	14 05	21 14	12 05	06 10	07 09	08 08	17 10	17 03	09 09	01 05	—
Dalbandin —	—	—	21 00	17 09	17 04	24 13	25 23	26 20	25 38	26 62	—	—	17 02	23 04	23 10	25 17	—	—	13 03	19 03	22 06	23 14	25 27	—
Drosh —		—	—		04 03	22 05	19 16	24 34	24 45	24 70	—		—	10 01	13 10	20 01	—	—	—	—	03 08	01 16	19 06	24 17
Fort Sandeman —	—		27 05	33 08	22 09	26 31		—	—	—	—		—	03 05	28 01	23 05	—	—		26 03	32 03	24 11	24 19	—
Jacobabad —	30 02	06 01	09 03	06 02	23 09	25 17	26 17	34 16	25 21	27 23	35 04	36 04	33 02	13 04	20 03	35 05	09 04	07 03	06 02	21 02	21 08	25 15	25 33	25 15
Jhelum —	35 01	33 02	16 02	31 02	20 03	23 21	25 15	—	—	—	33 04	33 11	33 08	31 04	24 03	24 03	34 08	33 13	33 09	33 04	16 08	25 02	27 17	26 27
Jiwani —																								
Karachi —	06 10	05 11	05 10	16 04	16 04	22 04	29 05	33 13	25 22	25 32	06 13	07 09	10 07	11 05	14 08	15 04	06 16	07 05	11 02	14 03	15 02	19 03	28 09	27 13
Khanpur —	02 02	04 02	13 02	22 07	23 12	25 19	26 17	25 27	25 35	26 48	05 08	06 05	31 02	07 03	24 08	26 12	09 11	03 07	04 07	20 02	24 09	22 15	27 15	09 13
Lahore —	32 03	33 05	33 09	32 12	27 12	26 11	28 17	27 27	26 39	—	—	—	—	—	—	—	30 11	32 12	32 10	30 05	31 05	29 06	26 12	—
Multan —	16 05	19 04	19 05	22 12	22 18	24 23	25 22	25 31	—	—	02 04	34 02	34 03	29 02	23 03	28 11	28 02	01 01	03 04	02 04	28 03	24 08	25 28	—
Peshawar —	—	07 04	16 04	18 02	18 03	22 08	27 19	25 37	24 18	—	—	32 02	33 02	01 03	33 05	07 02	—	33 02	36 07	30 06	34 08	15 03	23 12	25 32
Quetta —					15 08	23 10	26 25	26 32	25 33		—	—	No	ascent	—	—	—	—			16 03	22 10	24 27	—
Bushire —						—																—	—	—
Sharjah —																								

Cloud Observation Data (iiiGG Cddv, v.)

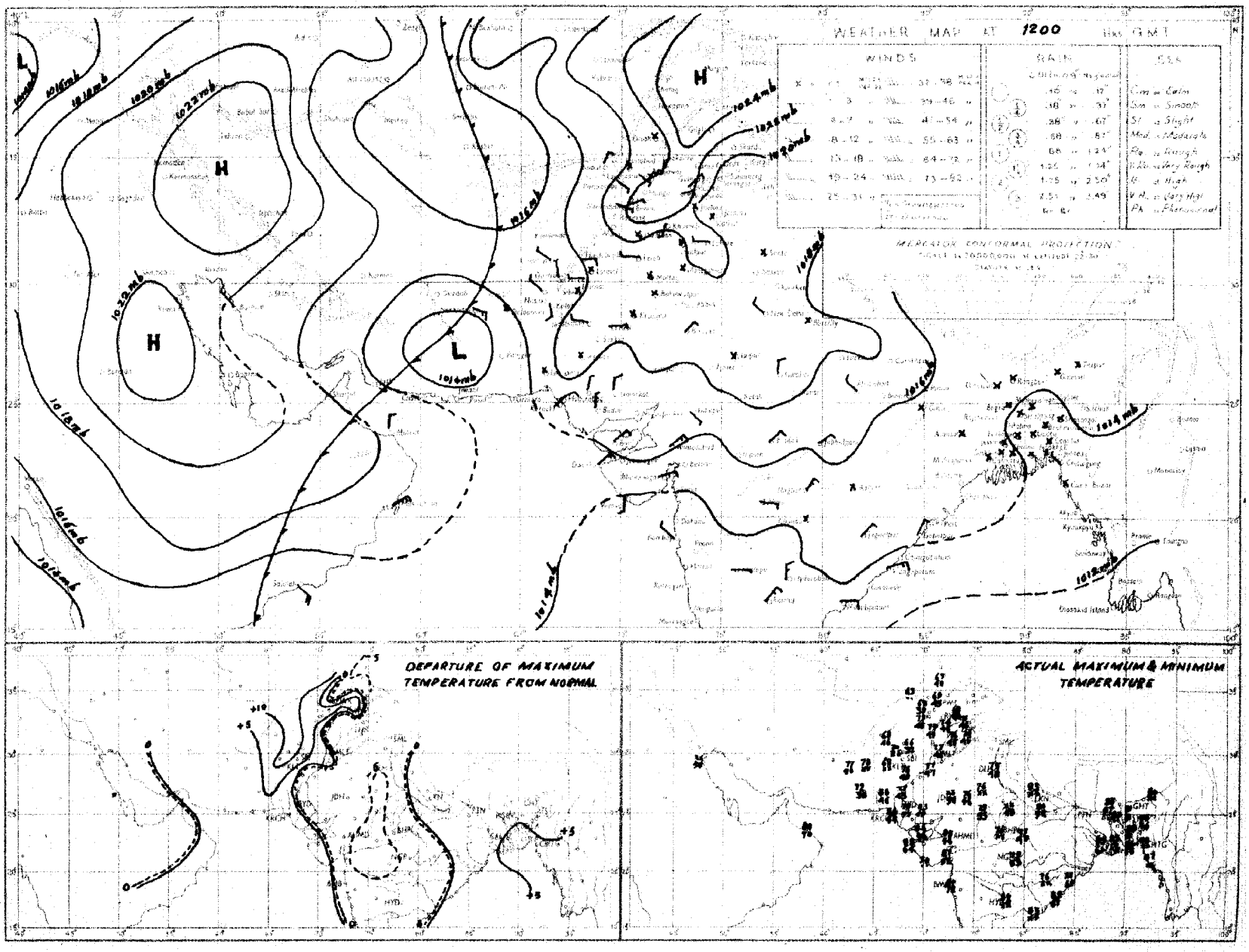
Lahore 64008 127××
Jhelum 59808 52818

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, k.m. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

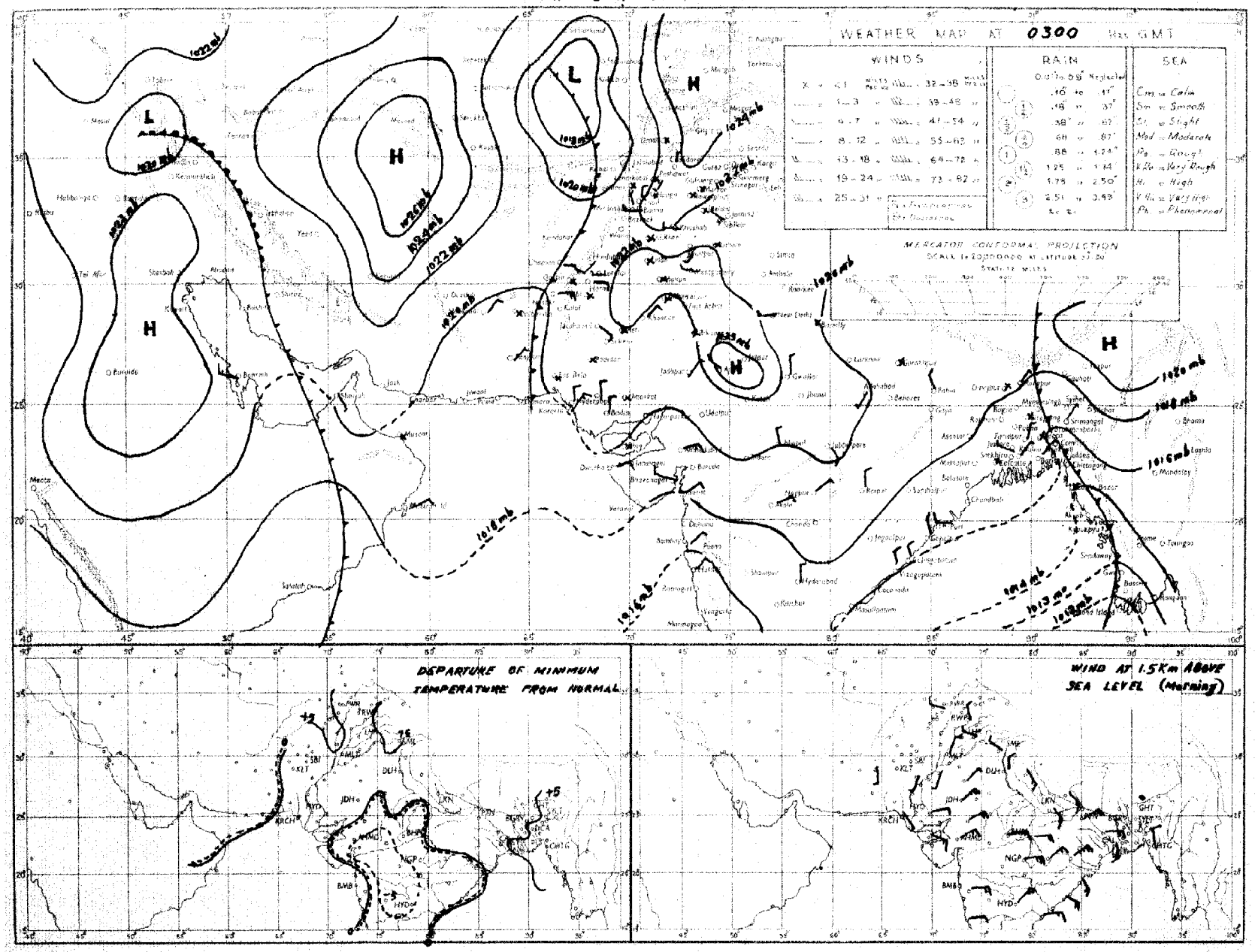
WEDNESDAY 5th: DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

THURSDAY 6th. DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 7th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Ships observations are lacking but believe the depression in Southeast Bay of Bengal has intensified into a cyclonic storm and is centred at 0300 G. M. T. today within one degree of latitude 12°N and longitude 89°E. It is likely to intensify further and move Northwest-wards initially.

An occluded low is moving eastwards across the extreme north of West Pakistan.

Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal over the country.

Forecast valid until the evening of 8th :—Weather will be cloudy in the Upper North-West Frontier Province, Kashmir and the Deltaic sub-division of East Pakistan with possibility of a few falls of rain/snow Upper North-West Frontier Province and Kashmir.

Karachi-11.
The 7th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLh CM CH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLh CM CH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 64	3 00 00	96 01 1	121 80	0 0 9 7 0	1 × 0 89	000 67	0 00 00	97 00 1	154 77	0 0 9 0 0	- - - 61	+ 8	+ 1	0.3	- 2.2	121.7	140
	Chittagong	000 59	0 35 02	96 00 0	126 79	0 0 9 0 0	- - - 89	000 63	3 05 02	97 02 1	152 73	0 0 9 0 8	0 9 × 61	+10	+ 2	0	- 2.4	134.5	108
	Noakhali	000 69	0 00 00	92 46 0	××× 79	0 0 9 0 0	- - - 86	000 74	0 00 00	94 40 4	××× 79	0 0 9 0 0	- - - 68	+ 7	+ 3	0.7	- 1.0	—	115
	Comilla	000 67	0 00 00	96 00 0	127 79	0 0 9 0 0	- - - 81	000 63	0 09 02	98 00 0	152 72	0 0 9 0 0	- - - 63	+ 1	+ 7	1.4	0	132.6	94
	Brahmanbaria	000 67	0 00 00	×× 00 0	135 79	0 0 9 0 0	- - - 86	000 64	2 05 05	97 03 1	148 72	0 0 9 0 4	- - - 68	—	-	0.9	- 0.3	66.4	78
	Dacca	××× 63	0 00 00	×× 00 1	134 73	0 0 9 0 0	3 × × 86	××× 66	1 00 00	97 03 4	153 79	0 0 9 0 1	3 × × 56	—	-	—	—	—	—
	Narayanganj	000 63	0 00 00	×× 00 0	125 77	× × × × ×	9 - - 89	000 63	0 00 00	95 00 1	146 73	× × × - ×	8 × × 66	+10	+ 3	0.7	- 0.8	89.5	74
	Mymensingh	000 60	0 00 00	99 00 0	137 73	0 0 9 0 0	- - - 80	000 64	0 00 00	98 00 0	156 72	0 0 9 0 0	- - - 60	+ 2	+ 3	3.0	+ 2.1	64.8	91
	Srimangal	000 64	0 00 00	×× 00 1	134 68	0 0 9 0 0	- - - 83	000 62	0 05 02	96 00 0	160 69	0 0 9 0 0	- - - 52	+ 1	+ 3	1.9	+ 0.4	107.1	98
	Khulna	000 65	0 00 00	97 00 0	122 78	0 0 9 0 0	- - - 85	000 61	2 00 00	98 01 0	160 73	0 0 9 0 1	- - - 62	+ 6	+ 6	0.8	- 0.4	54.2	83
	Satkhira	000 76	2 00 00	97 01 1	124 78	2 × 7 0 0	- - - 86	000 64	4 31 02	97 03 1	157 75	3 5 7 5 0	- - - 61	+ 5	+ 7	0.7	- 1.2	45.3	65
	Jessore	000 66	0 00 00	×× 00 0	133 77	0 0 9 0 0	- - - 87	000 59	0 36 03	97 00 0	154 66	0 0 9 0 0	- - - 52		-	1.1	+ 0.1	47.0	65
	Faridpur	000 66	0 34 02	94 10 0	137 77	0 0 9 0 0	- - - 77	000 66	0 00 00	94 10 0	154 69	0 0 9 0 0	- - - 59	0	+ 2	1.5	+ 0 3	67.0	71
	Barisal	000 65	3 00 00	96 01 1	128 78	0 0 9 0 5	- - - 88	000 64	3 36 02	98 02 1	154 73	0 0 9 0 5	- - - 63	+ 9	+ 6	1.2	- 0.5	74.7	81
	Pabna																		59
	Rampo Boalia																		58
	Sirajganj	000 65	0 00 00	×× 00 0	128 76	0 0 9 0 0	- - - 79	000 64	0 00 00	98 00 0	158 67	0 0 9 0 0	- - - 59	+ 2	+ 3	3.3	+ 2.5	69.1	64
	Bogra	000 62	0 00 00	96 00 0	134 79	0 0 9 0 0	- - - 87	000 61	0 05 02	96 00 0	164 67	0 0 9 0 0	- - - 57	+ 10	+ 2	2.0	+ 1.2	40.2	69
	Dinajpur	000 61	0 00 00	×× 00 0	130 77	0 0 9 0 0	- - - 79	000 55	0 00 00	96 00 0	167 70	0 0 9 0 0	- - - 55	+ 1	+ 2	0.6	+ 0.2	49.2	72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - —	000 ××	0 05 02	98 00 1	— —	0 0 9 0 0	- - - —		—	1.2	+ 0 8	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Mingar																		
	Aliabad																		
PUNJAB	Lyallpur	000 ××	1 00 00	96 01 0	178 69	0 0 9 0 2	- - - 76	000 45	3 00 00	94 11 4	181 46	0 0 9 0 3	- - - 45	+ 4	+ 3	0.4	+ 0.3	10.5	12
	Lahore	000 52	2 00 00	96 03 1	181 69	0 0 9 0 1	- - - 74	000 46	2 00 00	94 10 1	195 48	0 0 9 0 1	- - - 44	- 1	+ 3	1.3	+ 1.2	16.0	19
	Sialkot	000 64	4 00 00	98 02 1	173 63	0 0 9 0 4	- - - 70	000 49	4 00 00	97 03 1	198 51	4 0 8 6 0	- - - 49	- 2	+ 6	1.5	+ 1.7	20.7	32
	Jhelum	000 50	2 00 00	96 01 1	183 65	0 0 9 0	- - - 71	000 46	7 00 00	95 10 1	196 47	0 0 9 0 4	- - - 45	—	-	1.9	-	28.6	—
	Rawalpindi	000 55	2 00 00	98 01 1	170 62	0 0 9 3 0	- - - 71	000 44	2 00 00	97 01 1	202 44	0 0 9 3 0	- - - 41	+ 2	+ 3	2.1	+ 1.7	27.9	36
	Murree †	000 19	6 13 02	98 02 1	003 54	0 0 9 0 4	9 6 × 61	000 17	7 00 00	98 02 1	006 49	0 0 9 0 8	- - - 45	+ 4	+ 9	2.6	+ 1.7	47.7	59
	Attock	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 18 02	96 00 0	— —	0 0 9 0 0	- - - ××	—	—				—
	Khushab	000 44	1 00 00	99 03 1	175 73	0 0 9 0 2	- - - 76	000 45	2 29 02	99 01 1	195 48	0 0 9 0 8	- - - 45	+ 2	+ 2	0.6	+ 0.5	8.6	15
	Montgomery	000 63	0 00 00	96 00 0	181 78	0 0 9 0 0	- - - 76	000 47	1 00 00	96 01 1	193 49	0 0 9 0 1	- - - 46	+ 1	+ 1	1.1	+ 1.0	7.2	10
	Leiah	000 51	0 23 02	97 00 0	177 77	0 0 9 0 0	- - - 78	000 41	0 00 00	97 00 0	211 45	0 0 9 0 0	- - - 45			0 4	—	5.9	8
	Multan	000 48	0 18 02	97 00 0	186 74	0 0 9 0 0	- - - 77	000 45	0 00 00	95 00 0	203 65	0 0 9 0 0	- - - 46	+ 3	+ 2	0	- 0.1	6.9	7
	Khanpur	000 48	1 00 00	95 04 0	181 74	0 0 9 0 1	0 9 × 79	000 44	0 09 03	95 10 0	198 49	0 0 9 0 0	- - - ××	+ 3	-	0.1	0	2.1	6
	Bahawalpur	000 53	0 00 00	97 00 0	180 69	0 0 9 0 0	- - - 77	000 45	0 00 00	97 00 0	197 47	0 0 9 0 0	- - - 47	+ 2	+ 2	0.1	+ 0.1	4.6	6
	Fort Abbas	000 56	0 00 00	96 00 0	170 70	0 0 9 0 0	- - - 75	000 45	0 23 03	96 00 0	208 55	0 0 9 0 0	- - - 39		—	1.9		5.0	8
N. W. F. P.	Drosh *	000 18	8 00 00	98 02 1	042 56	0 0 9 0 6	8 6 × 64	000 18	5 00 00	99 02 1	079 42	0 0 9 4 0	9 × 6 39	+10	+ 2	1.1		23.8	18
	Chakdara	000 46	0 00 00	99 00 0	167 61	0 0 9 0 0	- - - 68	000 36	3 02 02	98 02 8	219 41	0 0 9 0 9	- - - 38			1.2	-	21.5	—
	Cherat *	000 29	5 36 07	97 02 1	036 58	0 0 9 0 1	4 6 × 63	000 34	2 36 10	97 01 2	040 54	0 0 9 0 2	9 0 × 47	+ 6	+ 4	2.8	+ 2.2	31.7	20
	Peshawar	000 49	5 00 00	95 05 1	150 65	0 0 9 0 4	- - - 72	000 40	4 23 02	96 03 1	206 49	0 0 9 0 6	- - - 44	+ 3	+ 2	0 8	+ 0.4	9.9	14
	Parachinar	000 25	3 13 02	99 01 1	004 58	0 0 9 0 1	3 9 × 66	000 24	3 05 02	99 01 1	998 48	0 0 9 0 1	- - - 40	+ 9	+ 7	1.0		29.5	29
	Miranshah	000 39	2 11 02	99 02 0	025 65	0 0 9 0 5	- - - 71	000 29	2 05 02	99 02 0	036 44	2 2 × 0 0	- - - 42			0.5	+ 0.4	11.0	13
	Bannu	000 26	0 00 00	99 00 0	171 70	0 0 9 0 0	- - - 74	000 38	0 00 00	99 00 0	205 46	0 0 9 0 0	- - - 46	—	—	0.5		6.3	11
	D. I. Khan	000 45	0 00 00	96 00 0	161 74	0 0 9 0 0	- - - 74	000 41	0 00 00	94 00 0	192 46	0 0 9 0 0	- - - 49	0		0	- 0 2	2.8	9
	Wana																		11
	Landikotal	000 55	6 00 00	99 02 1	027 60	0 9 7 0	- - - 65	000 29	5 00 00	99 02 1	037 45	0 0 9 7 0	- - - 39			0	—	12.6	—
	Hangu	××× ××	2 00 00	98 01 1	— —	0 0 9 0 2	9 0 × —	××× ××	2 16 02	99 01 1	— —	0 0 9 0 1	- - - ××	—	—		—		—
	Thull	××× ××	1 18 09	98 00 0	— —	0 0 9 0 1	0 0 × —	××× ××	2 00 00	98 01 0	— —	1 3 7 0 1	- - - —		—	—			—
BALUCHISTAN	Fort Sandeman*	000 33	00 00	96 01 1	011 65	0 0 9 4 0	8 × × 71	000 20	0 00 00	96 00 0	082 43	0 0 9 0 0	- - - 38	+11	+ 4	0.3	0	10.3	11
	Hindubagh	000 00	4 09 02	97 03 1	995 60	4 2 8 0 0	- - - 67	000 14	0 23 05	98 00 1	029 44	0 0 9 0 0	- - - 34			0	—	9.0	—
	Loralai	000 27	6 13 02	96 03 1	025 60	0 0 9 0 1	- - - 66	000 17	0 2 02	96 00 1	051 36	0 0 9 0 0	- - - 33			0.1		18.6	—
	Harnai (a)	000 ××	2 00 00	95 03 2	-	0 0 9 0 5	- - - —	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —			0.1	- 0.3	10.7	14
	Sibi	000 38	5 13 05	98 03 0	176 75	0 0 9 0 4	2 5 × 79	000 39	0 00 00	98 00 0	189 50	0 0 9 0 0	- - - 48			0	—	3.8	5
	Quetta †	000 25	5 34 05	99 02 1	991 62	0 0 9 0 6	- - - 68	000 24	0 00 00	99 00 0	994 36	0 0 9 0 0	- - - 26			0.1	- 0.4	9.4	9
	Chaman	000 15	0 27 02	97 00 0	026 67	0 0 9 0 0	- - - 72	000 24	0 09 02	97 00 0	054 38	0 0 9 0 0	- - - 47	+13	+10	0	- 0.8	9.6	3
	Nushki	000 26	25 09	97 03 0	085 73	0 0 9 0 1	- - - 76	000 25	0 07 18	96 00 0	105 58	0 0 9 0 0	- - - 51	—	—	0	—	5.4	—
	Dalbandin *	000 31	8 00 00	96 03 1	017 75	0 0 9 0 4	7 8 × 77	000 31	0 00 00	96 00 0	039 53	0 0 9 0 0	- - - 38	+14	+ 4	0	- 0.1	1.8	4
	Nokkundi	000 39	6 11 02	99 03 1	131 74	0 0 9 0 5	9 0 × 75	000 27	1 34 02	99 03 0	195 53	0 0 9 0 1	- - - 50			0	-	1.0	2
	Kalat †	000 43	3 23 05	98 03 1	005 63	0 0 9 0 4	8 4 0 67	000 22	6 13 05	98 00 0	016 33	0 0 9 0 0	- - - 30	+10	+ 3	0 5	+ 0.1	10.2	7
	Turbat																		—
	Panjgur *	000 30	0 23 02	97 00 0	013 71	0 0 9 0 0	- - - 72	000 27	0 05 05	97 00 0	035 45	0 0 9 × ×	- - - 39	+ 6	0	0	-	3.2	5
	Las Bela	000 65	0 00 00	99 00 0	161 84	0 0 9 0 0	- - - 85	000 45	0 00 00	98 00 0	194 63	0 0 9 0 0	- - - 42	-	—	0	-	1.7	3
	Ormara	000 65	0 27 05	96 00 0	174 78	0 0 9 0 0	- - - 79	000 58	0 00 00	96 00 0	186 61	0 0 9 0 0	- - - 60	—	-	0	0	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 43	0 00 00	96 00 0	177 74	0 0 9 0 0	- - - 77	000 39	0 00 00	96 00 0	200 48	0 0 9 0 0	- - - 48	—	—	0	—	9.2	—
	Jacobabad	000 44	0 31 02	97 03 0	178 75	0 0 9 0 0	- - - 79	000 43	0 29 02	97 00 0	201 52	0 0 9 0 0	- - - 49	+ 2	+ 2	0	- 0.1	0.7	4
	Sukkur	000 33	0 ×× ××	96 00 0	176 74	0 0 9 0 0	- - - 80	000 48	0 ×× ××	96 00 0	194 54	0 0 9 0 0	- - - 49			0	—	1.0	4
	Padidan	000 44	0 00 00	99 00 0	178 75	0 0 9 0 0	- - - 76	000 41	0 00 00	98 00 0	192 48	0 0 9 0 0	- - - 44	—	-	0	-	0.9	—
	Karachi (*Manora*)	000 30	0 ×× ××	99 00 0	162 78	0 0 9 0 0	- - - 85	000 49	0 05 05	98 00 0	187 66	0 0 9 0 0	- - - 43	+ 5	+ 2	0.1	0	1.7	3
	Karachi (*A. P.*)	000 35	1 00 00	98 02 1	162 82	0 0 9 0 1	- - - 82	000 43	0 36 05	97 00 1	90 57	0 0 9 0 0	- - - 52	—	-	0		3.0	—
	Badin	000 45	0 05 03	97 00 0	173 80	0 0 9 0 0	- - - 82	000 41	0 35 02	97 00 0	206 51	0 0 9 0 0	- - - 51	0	-	0.0	+ 0 7	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 41	0 02 05	97 00 0	173 80	0 0 9 0 0	- - - 84	000 28	0 36 03	97 00 0	186 53	0 0 9 0 0	- - - 48	-	—	0	—	2.3	—
	Hyderabad	000 47	0 05 03	96 00 0	170 77	0 0 9 0 0	- - - 79	000 45	0 36 03	96 00 1	191 56	0 0 9 0 0	- - - 53	- 1	—	0	- 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 27	6 18 02	99 02 1	050 53	0 0 9 0 4	- - - 61	000 27	6 29 03	97 02 1	087 35	0 0 9 0 2	- - - ××	—	—	0.1	—	10.7	12
	Jalalabad	000 62	4 09 02	97 01 1	014 67	0 0 9 0 2	- - - 71	000 32	2 23 02	97 03 1	018 46	0 0 9 0 2	3 9 × 46	—	—	0.3	—	7.8	—
	Kandahar	000 51	0 00 00	98 00 0	989 85	0 0 9 0 0	- - - 76	000 27	0 00 00	97 00 0	040 89	0 0 9 0 0	- - - 27	—	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 7TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_mC_H$	$W_1D_aD_mT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_mC_H$	$W_1D_aD_mT_xT_n$	Departure from Normal T_x T_x	T_n T_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal Annual
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arabia	Muscat	—	000 45	0 05 02	99 00 0	168 76	0 0 9 0 0	— — — 50	000 45	0 16 02	99 00 0	168 75	0 0 9 0 0	— — — 71	+ 1	.0	0	— 0.6	3.3
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	2000 47	0 00 00	97 00 0	212 69	0 0 9 0 1	— — — 69	000 57	0 00 00	97 00 0	212 64	0 0 9 3 0	— — —	—	—	—	—	6
															~	~	0	—	1.5

* Barometer readings reduced to 1 geodynamic Kilometre (2,950-2,956 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,099-6,715 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfa

Wireless Reports From Ships

SHIP	YQ L_a L_a l_a	L_o L_o l_o GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_m C_H	D_s v_s sup	8 N_s Ch_s h_s	O T_s T_s T_d T_d	1d$_w$ d$_w$ F$_w$ F$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Williamruys	53 093	667 00	8 06 13	92 81 1	112 79	8— — —	2 7 610	—	0 58 79	1 — xx
Bharatruja	53 182	727 06	0 11 09	98 00 0	155 85	xx x xx	—	—	—	—
Umaria	53 148	736 06	0 01 11	98 00 0	145 82	00 9 00	—	—	—	—
Bharatra a	53 173	730 12	0 31 05	98 00 0	115 85	xx x xx	—	—	—	—
Umaria	53 160	732 12	0 32 02	99 00 0	108 86	00 9 00	—	—	—	—
Bharatruja	53 168	732 18	0 36 12	98 00 0	128 82	xx x xx	—	—	—	—
Dwarka	53 196	718 18	2 62 13	99 98 0	142 81	00 9 30	7 4 301	—	0 51 68	—
Umaria	53 172	730 18	0 01 12	98 00 0	124 84	00 9 00	—	—	—	—
Dwarka	63 215	696 06	0 04 09	99 00 0	168 78	06 9 06	7 5 108	—	0 00 63	—
Bharatraja	63 146	730 06	0 08 10	98 00 0	121 91	xx x xx	—	—	—	—
Carthage	63 179	673 00	0 03 08	99 00 0	128 78	00 9 00	6 6 610	—	—	—
BAY OF BENGAL										
Kelagede	52 060	986 12	8 20 16	96 63 8	084 77	62 2 7x	6 4 404	—	0 53 75	1 20 3

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoTeTo		TdoTdoTxoX₁X₂			P₁P₁h₁h₁h₁			T₁T₁T₁d₁T₁d₁T₁x₁ etc.			5555			h₁h₁h₁P₁P₁P₁			T₁T₁T₁d₁T₁d₁T₁x₁ etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	015 23	152 60	000 47	221 39	855 02	165 65	700 42	106 73	500 31	589 97	301 47	555 55	359 06	170 19	428 78	165 03	176 11	466 00	039 94	984 00	729 91	803 50	829 97	

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	34 03	30 07	29 10	27 05	07 08	14 06	29 10				36 13	01 13	36 11	28 24	22 06	—	09 07	09 06	12 07	05 07	01 05	13 07	28 03	—
Dhaka	01 05	02 05	04 07	25 03	22 03	20 06	26 03	27 13	—	—			—	—	—	—	11 07	11 03	06 06	25 05	21 06	10 06	25 07	27 19
Chittagong	08 13	64 06	03 09	36 06	06 06	08 14	25 09		—	—	02 07	07 03	01 02		—	—	10 10	11 04	03 03	08 14	08 10	11 09	22 02	30 10
Cox's Bazar	03 16	03 09	05 03	25 04	01 12	17 17	02 10	23 14	—	—	35 09	35 11	35 09	38 06	36 04	36 08	25 05	15 01	26 01	10 03	07 06	11 12	05 03	—
Dacca	02 04	02 06	02 07	25 08	02 06	11 09	09 06	31 20	—	—	36 14	36 13	36 12	04 07	14 05	—	02.08	02 09	08 08	05 02	06 11	08 13	19 19	30 13
Dalbandin	—	—	—	—	—	—	—	—	—	—	—	—	14 03	21 02	25 06	25 13	—	—	07 02	03 09	23 05	32 10	25 07	27 27
Drosh	—	—	—		04 05	31 05	18 11	23 33	36 32	—	—		—	08 01	04 06	18 04	—	—	—	—	04 05	02 10	17 10	27 36
Port Sandeman	—	—	—	29 03	27 02	24 14	25 24	—	—	—					—	—	—	—	—	23 03	34 04	32 08	28 23	—
Jacobabad	25 01	11 01	09 00	21 03	24 09	25 13	25 21	25 32	26 57	26 39	35 02	33 03	18 01	26 06	28 18	26 11	03 01	29 02	33 03	32 04	34 07	25 13	24 17	—
Jhelum	27 05	29 04	33 03	09 01	25 04	25 05	28 12	25 23	26 46		34 05	34 07	35 05	07 06	31 05	28 09	28 03	32 03	33 04	32 02	34 05	30 07	27 21	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	04 06	04 07	04 07	14 03	19 02	19 03	30 09	27 21	26 24	25 33	07 09	06 07	04 09	17 06	15 07	25 07	03 11	01 33	25 01	17 06	18 09	20 04	27 05	
Khanpur	09 03	11 03	11 03	28 04	27 11	26 15	26 20	22 20	25 25	—	12 08	21 08	25 03	26 06	24 11	25 01	10 06	35 01	34 02	28 05	24 12	26 25	25 33	26 37
Lahore	30 04	29 06	28 03	25 04	28 09	28 07	24 17	27 50	27 31	26 37	33 04	30 05	30 07	29 08	33 03	24 03	33 06	34 06	34 06	02 05	31 05	30 16	27 35	
Multan	19 03	23 03	23 03	28 03	27 07	30 09	26 21	23 29	—	—	20 09	21 03	35 03	27 07	19 04	24 04	34 03	06 01	03 01	36 05	35 03	33 30	35 28	26 35
Peshawar	—	15 02	32 03	25 05	24 12	24 19	25 24	25 37	25 45	25 50	—	29 02	29 03	05 02	34 05	22 10	—	33 03	34 03	22 12	03 03	12 01	25 16	25 28
Quetta	—				19 06	22 12	25 25	25 31	26 46	26 58		—	No	ascent	—	—	—	—			10 04	27 06	35 35	—
Bushire	—					—					—	—			—						—	—	—	—
Sharjah	—					—																		

Cloud Observation Data (iiiGG Cddv, v,)

Drosh 51508 12613

Jhelum 59503 12618

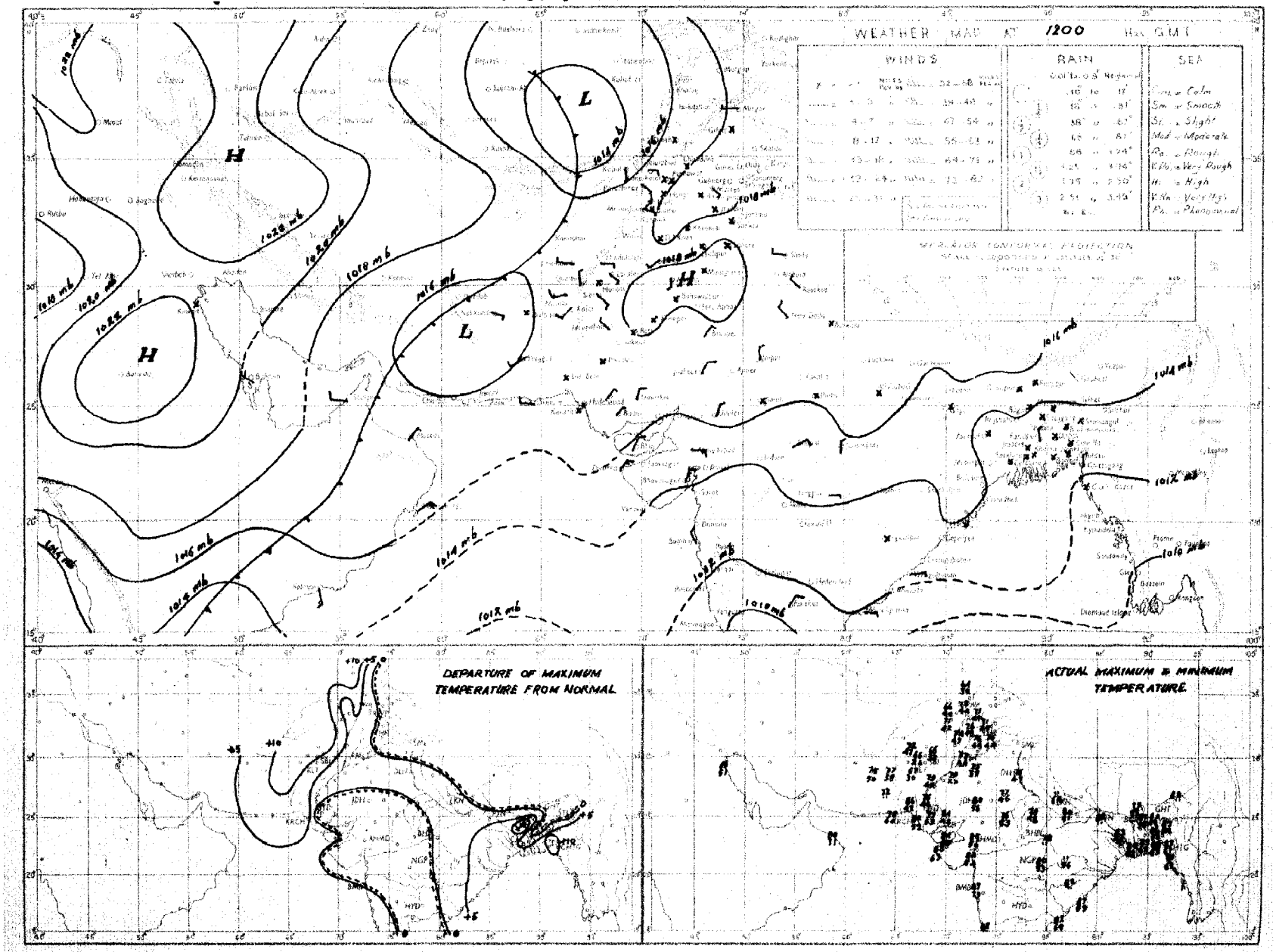
Peshawar 53003 12715

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, Km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

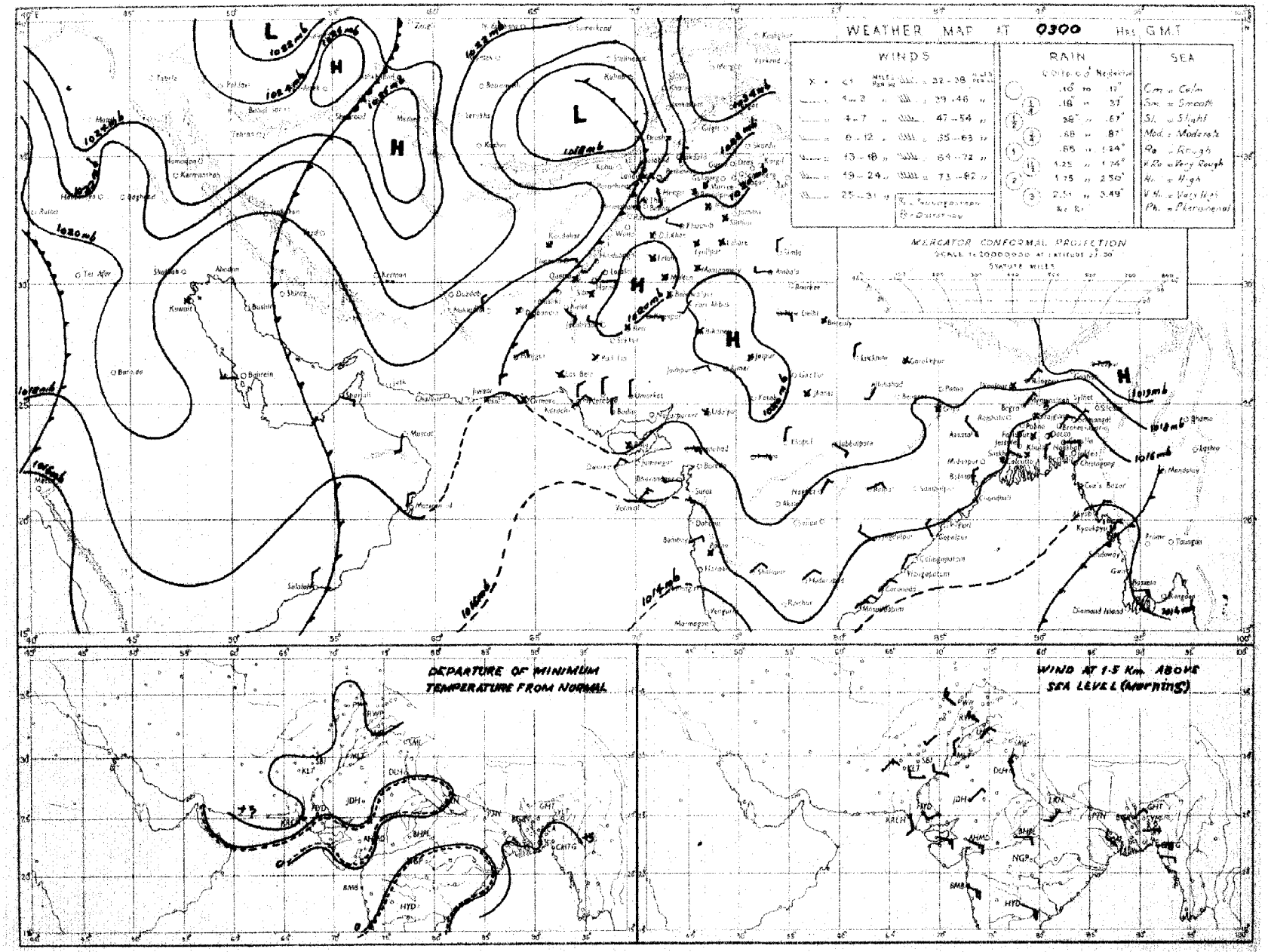
THURSDAY 6th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

FRIDAY 7th: DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past **24** *hours.*

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 8th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance lies over north Iraq with its associated secondary over Persian Gulf. The system is moving eastnortheastwards.

The cyclonic storm in southeast Bay of Bengal is apparently centred at 0300 G.M.T. to day within one degree of Latitude 13°N and Longitude 88½°E. It is likely to intensify and move initially northnorthwestwards.

Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal in the north Punjab, the North-West Frontier Province and northeast Baluchistan.

Forecast valid until the evening of 9th :—There will be occasional rain/drizzle in the southern districts of East Pakistan. Weather will be cloudy in north Baluchistan, the North-West Frontier Province and Kashmir.

Karachi-11.
The 8th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 64	1 00 00	94 01 1	123 74	0 0 9 0 1	1 × 0 87	000 66	3 00 00	97 01 1	140 72	0 0 9 4 1	1 0 0 62	+ 8	+ 2	0.3	- 3.8	121.7	140
	Chittagong	000 68	0 23 02	96 00 0	117 76	0 0 9 0 0	- - - 85	000 62	7 07 02	97 02 1	142 72	0 0 9 7 0	0 × 9 61	+ 6	+ 2	0	- 2.4	134.5	108
	Noakhali	000 68	0 00 00	×× ×× ×	××× 80	0 0 9 0 0	- - - 86	000 74	0 00 00	04 40 4	××× 79	0 0 9 0 0	- - - 52	+ 7	- 8	0	- 0.7	1.1	115
	Comilla	000 65	3 00 00	96 00 0	117 73	6 0 9 2 0	- - - 77	000 63	3 36 02	98 00 1	143 71	0 0 9 2 0	- - - 62	- 3	+ 6	1.4	- 0.1	132.6	94
	Brahmanbaria	000 67	0 00 00	×× 00 1	123 78	0 0 9 0 0	- - - 85	000 62	2 00 00	97 01 1	149 71	0 0 9 0 2	0 8 × 61	—	-	0.9	- 0.1	86.4	78
	Dacca	000 63	0 00 00	×× 00 0	116 69	3 × × 84	××× 64	4 00 00	96 02 1	145 67	0 0 9 0 1	3 × × 54	—		-	—		—	—
	Narayanganj	000 61	0 00 00	×× ×× ×	113 74	0 0 9 0 0	- - - 86	000 62	1 07 02	95 01 1	136 75	0 0 9 0 2	3 0 × 61	+ 7	+ 2	0.7	- 0.3	89.5	74
	Mymensingh	000 61	0 00 00	99 00 0	130 73	0 0 9 0 0	- - - 81	000 64	0 00 00	99 00 0	155 74	0 0 9 0 0	- - - 61	+ 3	+ 4	3.0	+ 2.1	64.8	91
	Srimangal	000 63	0 00 00	×× 00 1	123 65	0 0 9 0 0	- - - 82	000 62	5 09 02	96 02 1	152 56	0 0 9 4 1	0 3 6 51	0	+ 7	1.8	+ 0.3	107.1	98
	Khulna	000 59	0 00 00	97 00 0	128 72	0 0 9 0 0	- - - 86	000 63	2 05 02	97 00 0	152 69	0 0 9 0 2	- - - 60	+ 7	+ 4	0.8	- 0.5	54.2	68
	Satkhira	000 34	0 00 00	97 05 1	119 74	3 5 7 5 0	- - - 84	000 61	4 36 02	97 03 1	137 6[illegible]	3 5 7 5 0	- - - 58	+ 3	+ 4	0.7	- 0.2	45.3	65
	Jessore	000 59	0 00 00	×× 00 1	127 69	0 0 9 0 0	- - - 88	000 63	2 27 03	97 01 0	147 75	0 0 9 0 4	0 5 ×××	—	-	1.1	0	47.0	65
	Faridpur	000 62	1 00 00	94 10 0	120 74	0 0 9 0 8	9 × × 75	000 64	2 00 02	96 00 0	148 69	0 0 9 0 8	9 × × 58	- 2	+ 1	1.6	+ 0.3	57.0	71
	Barisal	000 64	7 00 00	97 02 1	116 77	0 0 9 0 6	- - - 84	000 65	8 05 02	97 10 2	146 69	0 0 9 0 6	- - - 62	+ 5	+ 5	1.2	- 0.5	74.7	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 65	0 00 00	×× 00 0	118 73	0 0 9 0 0	- - - 82	000 63	1 36 02	97 01 1	145 66	1 6 3 0 0	- - - 58	+ 5	+ 2	3.3	+ 2.5	59.1	64
	Bogra	000 63	0 00 00	96 00 0	135 75	0 0 9 0 0	- - - 83	000 62	1 02 02	98 01 0	156 67	0 0 9 0 1	- - - 57	+ 6	+ 2	2.0	+ 1.1	49.2	69
	Dinajpur	000 69	0 00 00	×× 00 0	144 71	0 0 9 0 0	- - - 82	000 59	0 36 02	96 00 0	169 68	0 0 9 0 0	- - - 56	+ 4	+ 3	0.6	+ 0.2	49.2	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	- - - —	000 ××	0 07 02	98 00 1	— —	0 0 9 0 0	- - - —			1.2	+ 0.8	80.4	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 59	4 00 00	96 01 0	153 70	0 0 9 0 4	0 2 0 75	000 45	2 00 00	94 11 4	176 47	0 0 9 0 2	- - - 45	+ 3	+ 3	0.4	+ 0.3	10.5	12
	Lahore	000 55	3 00 00	96 03 1	158 65	0 0 9 5 4	- - - 74	000 46	1 00 00	94 10 1	177 49	0 0 9 0 1	- - - 43	- 1	+ 2	1.3	+ 1.2	16.0	19
	Sialkot	000 56	4 00 00	97 03 1	156 65	0 0 9 6 0	- - - 70	000 47	3 00 00	97 02 1	187 53	0 0 9 0 1	- - - 47	- 2	+ 4	1.6	+ 1.6	20.7	32
	Jhelum	000 52	1 00 00	96 01 1	116 65	0 0 9 0 1	- - - 71	000 45	2 00 00	96 03 1	181 49	0 0 9 0 1	- - - 43	—	-	1.9	-	28.6	—
	Rawalpindi	000 49	2 00 00	98 01 1	166 60	0 0 9 2 0	- - - 73	000 41	0 00 00	97 00 0	185 42	0 0 9 0 0	- - - 40	+ 4	+ 2	2.1	+ 1.7	27.9	36
	Murree †	000 17	1 18 02	98 01 1	990 52	0 0 9 0 4	9 2 × 61	000 15	1 00 00	98 01 1	982 47	0 0 9 0 ×	- - - 43	+ 4	+ 7	2.6	+ 1.6	47.7	59
	Attock	××× ××	2 00 00	97 00 0	- -	0 0 9 0 1	- - - —	××× ××	0 18 02	97 00 0	— —	0 0 9 0 0	- - - —		-			—	—
	Khushab	000 50	4 84 02	99 01 1	151 73	0 0 9 0 8	- - - 79	000 42	1 00 00	99 01 1	177 44	0 0 9 0 2	- - - 42	+ 5	+ 1	0.6	+ 0.5	8.6	15
	Montgomery	000 63	3 00 00	96 01 1	157 71	0 0 9 0 1	3 0 × 76	000 47	0 31 02	96 00 0	174 49	0 0 9 0 0	- - - 46	+ 1	+ 1	1.1	+ 1.0	7.2	10
	Leiah	000 49	0 00 00	97 00 0	157 77	0 0 9 0 0	- - - 78	000 42	0 00 00	97 00 0	182 45	0 0 9 0 0	- - - 42	0 4	—	0.4	—	6.9	8
	Multan	000 48	0 00 00	97 00 0	161 74	0 0 9 6 0	- - - 77	000 41	0 00 00	95 00 0	184 54	0 0 9 0 0	- - - 46	+ 3	+ 2	0	- 0.1	6.9	7
	Khanpur	000 47	3 18 03	95 04 0	157 77	0 0 9 0 1	0 9 × 79	000 43	7 00 00	95 10 0	183 46	0 0 9 0 2	0 9 × 45	+ 3	0	0.1	0	2.1	6
	Bahawalpur	000 57	0 00 00	97 00 0	156 73	0 0 9 0 0	- - - 78	000 43	0 00 00	97 00 0	186 46	0 0 9 0 0	- - - 45	+ 3	0	0.1	- 0.1	4.6	6
	Fort Abbas	000 56	0 23 02	98 00 0	169 70	0 0 9 0 0	- - - 75	000 34	0 13 02	96 00 0	079 53	0 0 9 0 0	- - - 37	—	-	1.3		5.0	8
N. W. F. P.	Drosh *	000 12	2 00 00	98 03 1	028 55	0 0 9 3 2	8 0 0 62	000 09	0 00 00	99 00 1	075 41	0 0 9 0 0	- - - 98	+ 8	+ 1	1.1	-	23.8	18
	Chakdara	000 43	2 00 00	99 03 1	150 61	0 0 9 0 5	8 0 × 69	000 34	0 02 02	98 00 0	202 39	0 0 9 0 0	- - - 37		-	1.2	-	21.5	—
	Cherat *	000 29	3 31 10	97 01 1	020 57	0 0 9 0 1	3 2 × 59	000 28	0 86 09	98 00 0	020 55	0 0 9 0 0	- - - 53	+ 2	+10	2.8	+ 2.2	31.7	29
	Peshawar	000 48	5 00 00	96 03 1	159 65	0 0 9 0 4	- - - 74	000 35	1 18 03	96 02 0	181 46	0 0 9 3 0	- - - 43	+ 5	+ 1	0 8	+ 0.3	9.9	14
	Parachinar	000 21	5 09 02	99 01 1	990 57	0 0 9 3 1	3 0 0 64	000 21	0 00 00	99 00 0	981 42	0 0 9 0 0	- - - 38	+ 7	+ 5	1.0	-	29.5	29
	Miranshah	000 34	9 11 02	98 02 0	017 65	4 0 8 6 5	- - - 71							—					13
	Bannu	000 44	4 80 20	99 02 1	161 69	0 0 9 5 0	- - - 75	000 34	0 31 02	99 00 0	187 43	0 0 9 0 0	- - - 43	—	-	0.5	-	6.2	11
	D. I. Khan	000 51	2 00 00	96 01 0	149 71	0 0 9 0 8	- - - 74	000 38	0 00 00	96 00 0	177 43	0 0 9 0 0	- - - ××	0	+ 5	0	- 0.2	2.8	9
	Wana																		11
	Landikotal	000 32	4 00 00	99 22 1	011 57	0 0 9 7 0	- - - 64	000 28	0 00 00	99 00 0	021 48	0 0 9 6 0	- - - 39		-	0.9	—	12.8	—
	Hangu	××× ××	6 05 02	99 03 1	— —	0 0 9 0 7	××× ××	000 27	0 81 02	99 00 1	— —	0 0 9 0 0	- - - —	—	-	—	—	—	—
	Thull	××× ××	8 23 05	98 00 0	— —	2 6 7 0 2	××× ××	000 29	0 09 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 28	2 00 00	96 01 1	005 67	0 0 9 0 6	- - - 71	000 20	6 00 00	96 05 0	035 39	0 0 9 0 0	- - - 37	+11	+ 3	0.3	0	10.3	11
	Hindubagh	000 16	0 09 12	98 00 0	977 59	0 0 9 0 0	- - - 67	000 13	0 31 02	98 00 0	980 47	0 0 9 0 0	- - - 31		-	0	—	9.0	—
	Loralai				—		- - - —	000 12	0 2[illegible] 05	96 00 1	041 36	0 0 9 0 0	- - - 33		-	0.1	—	18.5	—
	Harnai (a)	000 ××	0 09 02	95 00 0	—	0 0 9 0 0	- - - —	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —		-	0.1	- 0.3	10.7	14
	Sibi	000 38	3 13 05	98 01 0	147 76	0 0 9 0 1	- - - 78	000 40	0 00 00	98 00 0	176 52	0 0 9 0 0	- - - 50	—	-	0	—	3.8	5
	Quetta †	000 21	3 34 05	99 01 1	980 59	0 0 9 0 8	7 0 × 62	000 27	1 00 00	97 00 0	982 30	0 0 9 0 1	- - - 25	—		0.1	+ 0.5	9.4	9
	Chaman	000 25	0 31 02	97 00 0	020 65	0 0 9 0 0	- - - 70	000 23	0 09 02	97 00 0	054 48	0 0 9 0 0	- - - 42	+11	+ 5	0	- 0.8	9.6	8
	Nushki	000 32	0 27 09	97 00 0	076 72	0 0 9 0 0	- - - 75	000 27	0 31 07	96 00 0	109 52	0 0 9 0 0	- - - 52	—	—	0	—	5.4	—
	Dalbandin *	000 37	3 09 02	96 03 1	016 73	0 0 9 0 3	5 × × 75	000 18	1 00 00	96 03 0	035 36	0 0 9 0 1	1 6 0 85	+12	+ 1	0	- 0.1	1.8	4
	Nokkundi	000 41	4 11 05	99 03 1	130 75	0 0 9 0 5	9 0 × 78	000 29	× 18 09	99 03 0	194 55	0 0 9 0 1	- - - 35	—	-	0	—	1.0	2
	Kalat †	000 41	2 31 05	98 00 0	998 60	0 0 9 0 0	- - - 63	000 26	6 18 05	98 00 0	019 31	0 0 9 0 0	- - - 29		+ 2	0.5	+ 0.1	10.2	7
	Turbat							000 12						+ 6					—
	Panjgur *	000 38	0 31 03	97 00 0	005 72	0 0 9 0 7	- - - 74	000 24	0 05 07	97 00 0	028 43	0 0 9 0 0	- - - 39	+ 8	0	0	—	3.2	5
	Las Bela	000 54	0 00 00	99 00 0	153 85	0 0 9 0 0	- - - 88	000 44	0 00 00	98 00 0	184 62	0 0 9 0 6	- - - 46		-	0	—	1.7	8
	Ormara	000 66	0 27 02	96 00 0	148 78	0 0 9 0 0	- - - 78	000 59	0 00 00	96 00 0	172 63	0 0 9 0 0	- - - 58	—	-	0	0	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 40	0 00 00	96 00 0	154 76	0 0 9 0 0	- - - 81	000 35	0 00 00	96 00 0	178 49	0 0 9 0 0	- - - 46	—	—	0	—	9.2	—
	Jacobabad	000 46	1 29 02	97 00 0	155 76	0 0 9 0 1	- - - 77	000 37	1 00 00	95 10 1	180 55	0 0 9 0 1	- - - 43	0	+ 1	0	- 0.1	0.7	4
	Sukkur	000 52	0 09 ××	96 00 0	151 74	0 0 9 0 0	- - - 85	000 48	0 00 00	96 00 0	177 54	0 0 9 0 0	- - - 49			0	—	1.0	4
	Padidan	000 44	0 00 00	98 00 0	153 76	0 0 9 0 0	- - - 78	000 43	0 00 00	98 00 0	181 45	0 0 9 0 0	- - - 43	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 63	0 23 05	99 00 0	148 77	0 0 9 0 0	- - - 82	000 52	0 00 00	98 05 0	170 65	0 0 9 0 0	- - - 64	+ 2	+ 3	0.1	0	1.7	3
	Karachi (*A. P.*)	000 64	0 18 09	98 00 0	144 78	0 0 9 0 0	- - - 85	000 45	0 00 00	97 00 0	174 58	0 0 9 0 0	- - - 52	—	—	0		3.0	—
	Badin	000 52	0 36 02	97 00 0	144 80	0 0 9 0 0	- - - 85	000 41	0 36 02	97 00 0	173 52	0 0 9 0 0	- - - 88	+ 3	—	0.9	+ 0.7	7.8	9
	Nagarparkar																		—
	Ohhor (*Umarkot*)	000 49	0 00 00	97 00 0	139 80	0 0 9 0 0	- - - 82	000 64	0 00 00	97 00 0	173 53	0 0 9 0 0	- - - 49	—	—	0	—	2.3	—
	Hyderabad	000 47	0 05 03	96 00 0	149 77	0 0 9 0 0	- - - 81	000 43	0 36 02	96 00 0	177 56	0 0 9 0 0	- - - 59	+ 1	0	0	- 0.1	2.0	7
Junagarh	Veraval															—			20
Afghanistan	Kabul	000 25	8 00 00	99 02 1	034 57	0 0 9 0 8	- - - 59	000 19	1 29 03	99 01 0	023 32	0 0 9 0 1	- - - 32	—	—	0.1	—	10.7	12
	Jalalabad	000 41	1 03 02	97 01 1	102 68	0 0 9 0 1	- - - 70	000 28	0 00 00	97 00 1	019 40	0 0 9 0 0	8 ×× 46	—	—	0.3	—	7.3	—
	Kandahar																		—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 8TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1 D_S D_M T_X T_X$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1 D_S D_M T_0 T_0$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st Nov. '51 to date	Departure from normal	Since 1st Mar. '51 to date	Highest Rainfall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Arabia	Muscat	—	000 65	0 16 05	99 00	0155 76	0 0 9 0 0	- - - 79	000 56	6 18 02	99 02 1	198 72	6 0 9 0 2	0 4 × 70	0	+ 1	0	− 0.6	5.8	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 64	0 00 00	97 00	0173 69	0 0 9 0 4	- - - 69	001 61	8 02 02	97 02 1	177 65	0 0 9 0 8	- - - 62	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (8,850-8,856 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	VQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ sss	S $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mapia	68 080	697 12	1 92 06	98 02 0	095 82	11 5 00	2 4 807	—	0 51 28	1 02 22
Sebiedyk	63 106	570 12	2 05 17	98 03 0	095 81	11 4 40	2 5 627	—	0 00 21	1 05 32
Sebiedy-	63 106	586 18	6 05 15	98 02 1	118 81	22 4 10	2 5 009	—	0 51 22	1 05 33
Bharatraja	64 128	748 18	0 84 10	97 00 0	115 83	×× × ××		—	—	—
Dwarka	65 284	677 18	0 86 09	99 00 0	159 75	00 9 00	7 5 104	—	0 00 60	—
Carthage	63 179	673 00	0 03 08	99 02 0	128 78	00 9 00	6 6 610	—	0 58 75	—
Bharatraja	63 187	744 12	2 19 03		091 86	×× × ××		—	—	—
Dwarka	62 215	696 06	0 04 09	99 02 0	158 78	00 9 00	7 5 108	—	0 00 68	—
Bharatra a	63 146	739 06	0 03 10	98 00 0	121 81	×× × ××		—	—	—
Masimpur	63 114	746 06	1 34 06	98 02 0	115 82	11 5 00	7 4 ×××	—	3 25 ××	—
BAY OF BENGAL										
Tarakan	62 060	913 12	8 21 23	97 02 2	067 82	51 3 7×	6 4 300	—	0 00 26	1 21 46

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—			iiiGG	PoPoPoToTo	TdoTdoTxoX1X2				P1P1h1h1h1	T1T1Td1Td1Tx1 etc.				5555	h1h1P1P1P1			T1T1Td1Td1Tx1 etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	— 780 14	015 28	187 00	Misda																					

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ — Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	01 02	14 04	14 05	09 07	09 03	20 07	—		—	—	93 10	02 07	08 09	09 05	05 06	—	11 10	11 10	03 11	07 09	06 10	18 05	26 12	28 26
Chhor	04 02	35 06	03 03	21 03	21 03	27 05	24 13		—	—			—		—		05 10	05 07	35 03	30 05	23 09	27 16	28 25	27 29
Chittagong	28 05	30 02	04 04	09 07	14 11	11 07	19 06	31 19	—	—	09 06	32 03	15 06	16 14	21 16	23 04	05 14	06 10	16 05	18 13	31 15	23 21	21 15	33 09
Cox's Bazar		—	1	—			-	—	—	—	07 03	07 03	11 07	34 10	16 10		09 02	13 05	17 11	17 11	18 10	29 19	23 30	27 11
Dacca	01 07	01 07	01 05	07 16	06 18	07 31	-		-	—	03 09	10 09	13 11	14 11	11 05	—	08 08	10 03	12 05	09 14	10 10	20 11	25 12	—
Dalbandin	—	—	08 02	06 03	07 03	26 08	26 25	27 34	...	—	—	-	25 06	27 02	10 04	33 19		—	04 01	33 04	31 07	28 09	27 36	26 47
Drosh	-	—	—		05 04	05 01	15 12	24 26	...	—	—		—	03 01	05 06	01 02	—	—	—	—	02 10	02 15	17 08	24 12
Fort Sandeman	—			31 02	03 04	21 07	26 22			—										34 04	27 10	31 23	29 16	—
Jacobabad	17 02	22 02	22 03	22 04	24 08	28 13	25 27	25 06	27 28	—	25 01	25 03	30 05	26 04	25 07	28 11	32 02	30 05	29 04	28 02	03 04	24 08	27 34	—
Jhelum	29 02	29 02	27 02	05 01	03 01	24 05	25 29	27 27	26 48	—	21 03	22 06	32 09	03 04	18 03	17 11	04 04	25 05	27 06	19 04	09 05	16 05	31 09	27 35
Jiwani	—																							
Karachi	03 06	02 08	02 04	22 04	18 04	13 09	28 17	27 27	28 29	30 40	05 04	09 03	04 03	17 06	19 05	27 13	03 04	04 02	03 03	29 04	21 06	26 12	26 28	
Khanpur	21 01	36 01	28 01	24 07	28 15	26 18	25 30	27 37	-	—	27 01	25 04	29 05	27 10	24 19		18 06	21 03	25 04	24 08	30 08	27 17	27 37	27 43
Lahore	31 01	32 04	31 05	30 01	11 04	14 03	24 13	27 32	—	—	36 01	28 04	29 05	06 03	22 03	17 19	37 06	34 08	34 04	18 03	18 04	19 08	37 39	27 47
Multan	21 03	26 04	28 03	33 03	26 08	25 13	24 27	25 29	—	—	21 07	24 05	21 02	33 07	31 10	26 12	21 07	23 03	34 02	35 05	34 11	30 11	—	—
Peshawar	—	15 00	30 03	29 04	25 04	23 13	25 33	25 36	26 58	—	—	15 03	26 05	34 10	36 05	23 04	—	10 06	20 03	29 11	33 12	03 06	32 04	25 14
Quetta	—				29 09	22 06	25 13	26 33	26 56	—		—	No	ascent	—	—		—			25 04	30 13	28 30	—
Bushire	...					—					—	—			—						—	—	—	—
Sharjah	—					—																		

Cloud Observation Data (iiiGG Cddv, v_r)

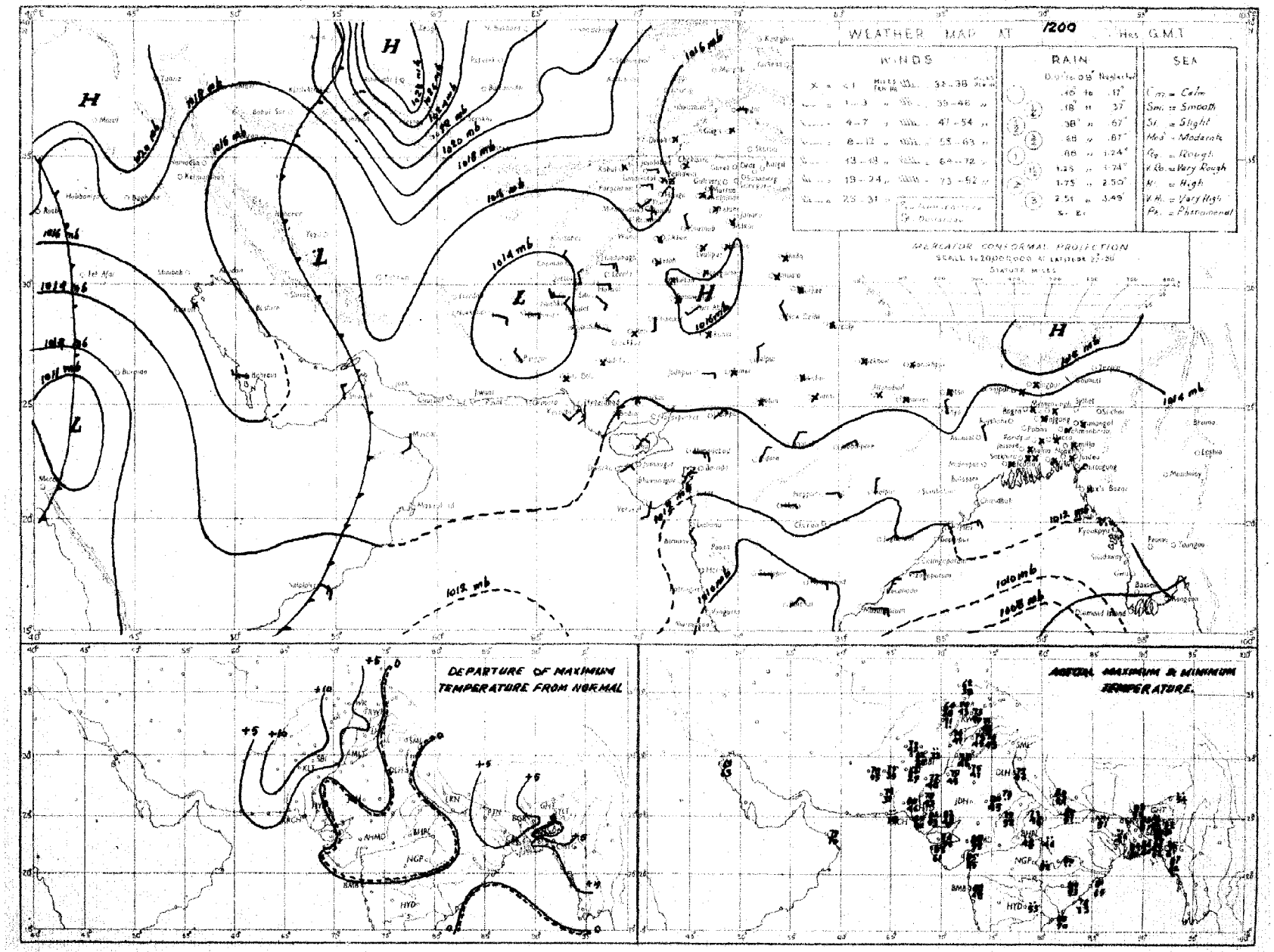
Drosh 51508 12816

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3 0.5, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet

N. P. W.

PAKISTAN DAILY WEATHER MAP

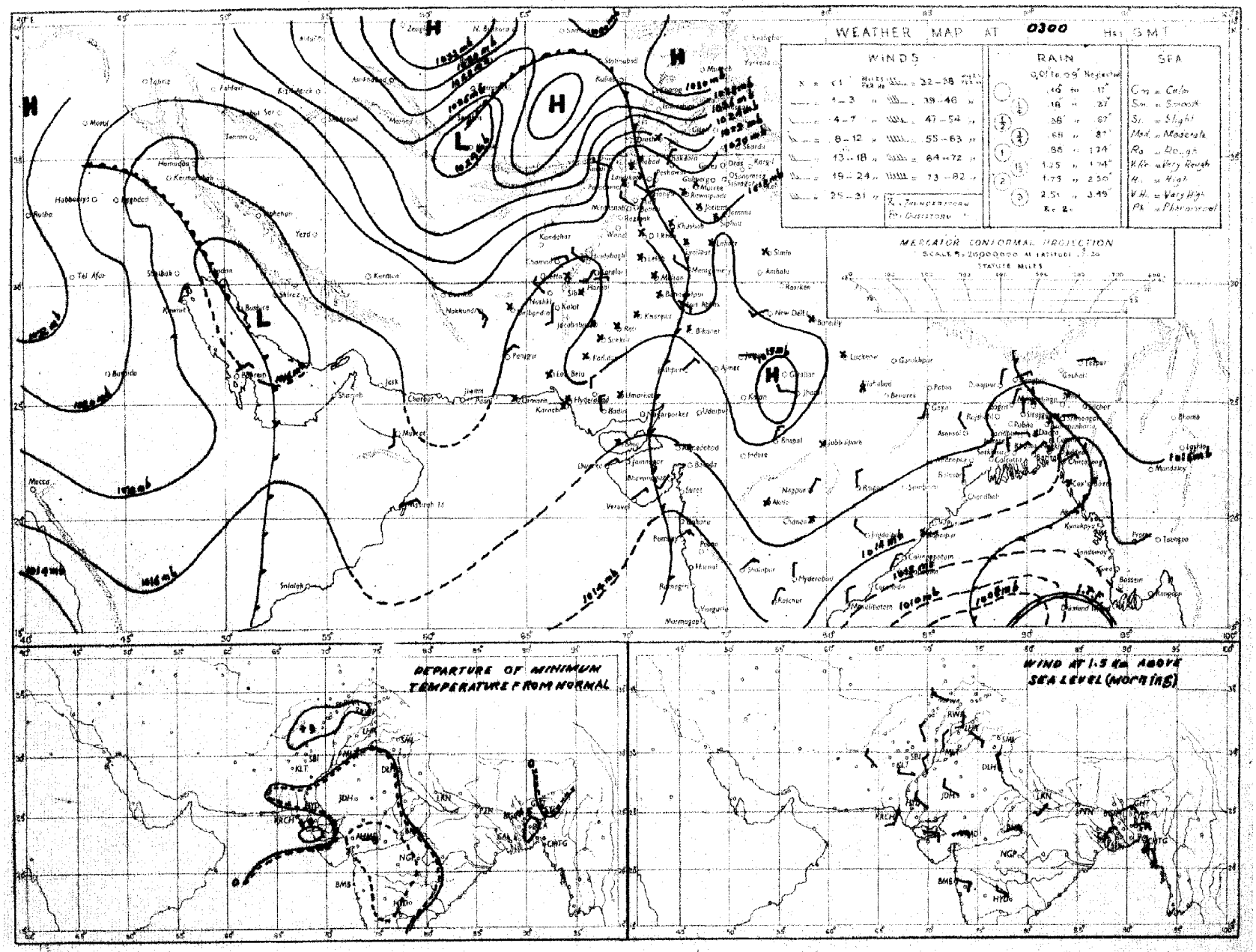
FRIDAY 7th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 8th: DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SUNDAY, THE 9th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance lies over East Persian Gulf.

The cyclonic storm in central Bay of Bengal has intensified into a severe cyclonic storm and is centred at 0300 G.M.T. today within one degree of latitude 14½°N and longitude 89°E. It is likely to move northnortheastwards.

Weather continued to be dry over the country.

Night temperatures were markedly to considerably above normal in the southern districts of East Pakistan.

Forecast valid until the evening of 10th :—Rain Squalls will occur in southeastern districts of East Pakistan and cloudy weather with occasional rain/drizzle elsewhere in East Pakistan.

Karachi-11.
The 9th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$$_hC_MC_H$	W$_t$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$$_hC_MC_H$	W$_t$D$_B$D$_M$T$_D$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 63	6 00 00	94 02 1	115 82	0 0 9 3 6	8 0 0 39	000 68	8 00 00	96 03 2	126 73	8 8 6 0 0	8 × × 69	+ 8	+ 9	0.8	− 3.3	121.7	140
	Chittagong	000 65	7 02 02	96 02 1	115 73	0 0 9 7 0	0 × 9 81	000 68	7 07 02	97 02 1	122 71	5 8 6 7 0	0 × 9 64	+ 2	+ 5	0	− 2.5	134.5	108
	Noakhali	000 70	5 00 00	×× ×× ×	××× 80	3 8 4 4 2	− − − 86	000 72	0 00 00	×× ×× ×	××× 80	0 0 9 0 0	− − − 63	+ 1	+ 3	0.7	+ 0.1	—	115
	Comilla	000 64	4 00 00	96 00 0	110 75	0 0 9 2 0	− − − 82	000 63	8 05 02	98 03 2	134 70	8 5 7 0 0	− − − 67	+ 2	+11	1.4	− 0.1	132.6	94
	Brahmanbaria	000 64	0 00 00	×× 00 1	115 77	0 0 9 0 0	− − − 85	000 63	4 34 02	97 03 1	140 68	0 0 9 0 4	0 6 × 62	—	-	0.9	− 0.3	65.4	78
	Dacca	××× 61	6 00 00	×× 03 1	111 69	0 0 9 0 5	8 × × 84	××× 63	7 05 02	96 03 3	135 68	0 0 9 0 5	3 × × 59		-		—		
	Narayanganj	000 57	0 00 00	×× 00 1	101 78	0 0 9 0 0	0 × × 86	000 62	6 02 02	95 01 2	138 70	0 0 9 0 6	9 0 × 64	+ 7	+ 5	1.5	+ 0.5	67.0	—
	Mymensingh	000 60	0 00 00	99 00 0	125 72	0 0 9 0 0	− − − 80	000 62	0 00 00	97 00 0	155 70	0 0 9 0 0	− − − 59	+ 2	+ 2	2.0	+ 2.1	64.8	74
	Srimangal	000 69	3 00 00	×× 02 1	112 70	1 2 6 0 1	− − − 82	000 63	7 09 02	96 02 1	151 66	2 2 6 3 3	0 5 2 51	0	+ 1	1.9	+ 0.3	107.1	91
	Khulna	000 62	3 00 00	97 00 0	114 75	0 0 9 0 8	− − − 84	000 63	7 05 02	97 02 1	142 69	7 5 8 0 0	− − − 65	+ 5	+ 9	0.8	− 0.5	54.2	98
	Satkhira	000 69	6 00 00	97 03 1	111 74	4 5 7 6 0	− − − 84	000 62	4 31 02	97 03 1	139 63	4 5 7 0 0	− − − ××	+ 3	—	0.7	− 1.2	45.3	65
	Jessore	000 62	0 00 00	×× 00 0	115 70	0 0 9 0 0	− − − 85	000 61	6 05 02	97 02 1	152 55	0 0 9 0 4	0 × × 59			1.1	0	47.0	65
	Faridpur	000 63	5 00 00	95 05 0	116 75	0 0 2 0 5	9 7 × 76	000 61	5 07 02	95 05 0	138 67	0 0 9 0 8	9 6 × 59	− 1	+ 2	1.5	+ 0.2	67.0	71
	Barisal	000 61	8 00 00	96 03 2	112 74	0 0 9 4 6	− − − 83	000 63	8 02 02	97 03 2	135 72	2 5 6 5 6	− − − 65	+ 4	+ 8	1.2	+ 0.6	74.7	81
	Pabna																		59
	Rampo Boalia																		58
	Sirajganj	000 65	2 00 00	×× 02 1	114 71	1 6 3 0 0	− − − 80	000 62	8 36 03	97 01 2	145 67	0 0 9 0 7	0 0 0 59	+ 3	+ 3	3.3	+ 2.5	69.1	64
	Bogra	000 63	2 00 00	96 01 0	113 74	0 0 9 0 1	− − − 81	000 62	2 09 02	95 03 0	152 66	0 0 9 0 4	− − − 58	+ 4	+ 5	2.0	+ 1.5	49.2	69
	Dinajpur	000 63	0 00 00	×× 00 0	130 75	0 0 9 0 0	− − − 83							+ 5					72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	− − − —	000 ××	0 09 02	98 02 1	— —	0 0 9 0 0	− − − —			1.2	+ 0.8	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Aliabad																		
PUNJAB	Lyallpur	000 48	1 00 00	96 01 0	147 69	0 0 9 0 ×	− − − 76	000 43	2 00 00	94 40 4	179 45	0 0 9 0 3	3 0 0 44	+ 4	+ 2	0.4	+ 0.3	10.5	12
	Lahore	000 53	1 00 00	96 02 1	148 66	0 0 9 0 1	− − − 75	000 42	1 00 00	94 10 0	174 45	0 0 9 0 1	− − − 43	0	+ 2	1.3	+ 1.2	16.0	19
	Sialkot	000 53	1 00 00	97 01 1	147 65	0 0 9 0 1	− − − 73	000 47	0 00 00	97 00 0	167 49	0 0 9 0 0	− − − 47	− 1	+ 4	1.9	+ 1.7	20.7	22
	Jhelum	000 53	0 00 00	97 00 0	147 65	0 0 9 0 0	− − − 71	000 45	0 00 00	96 00 0	185 47	0 0 9 0 0	− − − 44	−	—	1.9	-	28.6	—
	Rawalpindi	000 48	0 00 00	99 00 0	152 60	0 0 9 0 0	− − − 73	000 42	0 00 00	98 00 0	188 42	0 0 9 0 0	− − − ××	+ 4		2.1	+ 1.7	28.9	24
	Murree †	000 19	0 13 02	98 00 0	069 49	0 0 9 0 0	9 × × 57	000 16	0 00 00	98 00 0	065 44	0 0 9 0 0	− − − 39	0	+ 3	2.6	+ 1.5	47.7	59
	Attock	××× ××	0 09 02	97 00 0	— —	0 0 9 0 0	− − − —	××× ××	0 00 00	×× 00 0	— —	0 0 9 0 0	− − − —	—	—	—			—
	Khushab	000 47	0 02 02	99 00 0	138 70	0 0 9 0 0	− − − 76	000 44	0 27 02	99 00 0	176 47	0 0 9 0 0	− − − 43	+ 2	0	0.6	+ 0.5	8.6	15
	Montgomery	000 61	0 00 00	97 00 0	144 74	0 0 9 0 0	− − − 76	000 46	0 31 02	96 00 0	178 48	0 0 9 0 0	− − − 46	+ 1	+ 1	1.1	+ 1.0	7.2	10
	Leiah	000 49	0 13 02	97 00 0	148 77	0 0 9 0 0	− − − 79	000 42	0 31 02	97 00 0	188 44	0 0 9 0 0	− − − 42	0	—	0.4	—	7.0	3
	Multan	000 48	0 13 02	97 00 0	146 72	0 0 9 0 0	− − − 78	000 50	0 18 07	95 00 0	182 50	0 0 9 0 0	− − − 46	+ 4	+ 2	0	− 0.1	6.9	7
	Khanpur	000 46	3 20 02	95 04 0	142 76	0 0 9 0 2	0 9 × 79	000 37	0 11 03	95 04 0	169 50	0 0 9 0 0	− − − 46	+ 2	+ 1	0.1	0	2.1	4
	Bahawalpur	000 56	0 00 00	97 00 0	144 72	0 0 9 0 0	− − − 79	000 45	0 00 00	97 00 0	170 47	0 0 9 0 0	− − − 46	+ 4	+ 1	0.1	0	4.6	6
	Fort Abbas							000 33	0 28 02	96 00 0	168 52	0 0 9 0 0	− − − 39		—	1.8		5.0	8
N. W. F. P.	Drosh *	000 05	2 00 00	99 01 1	008 57	0 0 9 3 0	6 − 6 65	000 13	0 00 00	99 00 0	068 42	0 0 9 0 0	− − − 38	+11	+ 1	1.1		23.8	18
	Chakdara	000 45	0 20 05	99 00 0	148 62	0 0 9 0 0	− − − 70	000 31	0 36 03	98 00 0	200 39	0 0 9 0 0	− − − 37		—	1.2	-	21.5	—
	Cherat *	000 43	0 18 02	97 00 0	004 59	0 0 9 0 0	− − − 69	000 31	0 36 07	98 00 0	021 51	0 0 9 0 0	− − − 45	+12	+ 2	2.8	+ 2.2	31.7	29
	Peshawar	000 43	2 00 00	96 03 1	148 62	1 1 7 0 1	− − − 71	000 37	0 18 02	96 00 0	186 48	0 0 9 0 0	− − − 44	+ 2	+ 2	0.8	+ 0.3	9.6	14
	Parachinar	000 16	6 13 02	99 02 2	971 58	2 1 7 6 1	2 0 0 64	000 27	0 00 00	99 00 0	981 42	0 0 9 0 0	− − − 45	+ 7	+ 5	1.0		29.5	22
	Miranshah	000 27	2 07 04	99 02 0	996 57	0 0 9 6 0	− − − 71	000 28	0 00 00	99 00 0	020 42	0 0 9 0 0	− − − 41	−	—	0.5	+ 0.4	11.0	12
	Bannu	000 47	0 00 00	99 00 0	142 66	0 0 9 0 0	− − − 78	000 35	0 00 00	99 00 0	168 46	0 0 9 0 0	− − − 43	−	—	0.5		6.3	11
	D. I. Khan	000 53	0 00 00	96 00 0	128 71	0 0 9 0 0	− − − 74	000 38	0 00 00	94 00 0	175 43	0 0 9 0 0	− − − ××	0	+ 5	0	− 0.2	2.8	9
	Wana																		11
	Landikotal	000 32	2 00 00	99 02 1	093 57	3 9 6 0 0	− − − 57	000 27	0 13 02	99 00 0	020 45	0 0 9 0 0	− − − 35		-	0.9	—	12.8	—
	Hangu	××× ××	2 13 02	99 03 1	— —	0 0 9 0 4	3 6 × —	××× ××	0 00 00	99 00 0	— —	0 0 9 0 0	− − − —	—	—	—	—		—
	Thall	××× ××	2 27 09	99 00 0	— —	0 0 9 0 2	− − − —	××× ××	0 36 05	99 00	— —	0 0 9 0 0	− − − —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 23	0 00 00	97 05 0	010 66	0 0 9 0 0	− − − 71	000 25	0 14 03	98 05 0	018 45	0 0 9 0 0	− − − 37	+11	− 5	0.8	+ 0.1	10.3	11
	Hindubagh	000 14	1 09 02	97 02 1	981 56	1 1 8 0 0	− − − 65	000 12	0 00 00	98 00 0	001 37	0 0 9 0 0	− − − 34		—	0		9.0	—
	Loralai	000 31	4 13 02	96 03 1	060 62	×× ×× ×	− − − 69	000 26	0 23 05	95 00 1	025 42	0 0 9 0 0	− − − 34	—	—	0.1	—	18.6	—
	Harnai (a)	000 ××	2 27 02	95 01 0	— —	0 0 9 2 0	− − − —	000 ××	0 27 02	98 00 0	— —	0 0 9 0 0	− − − —	—	—	—	—	—	—
	Sibi	000 39	4 23 05	98 03 0	135 79	0 0 9 7 0	2 × 5 80	000 37	0 00 00	98 00 0	161 52	0 0 9 0 0	− − − 40	—	-	0	—	5.8	14
	Quetta †	000 25	5 31 05	99 02 1	985 58	0 0 9 0 5	8 0 × 61	000 23	2 16 08	98 01 1	978 30	0 0 9 0 5	9 0 × 30	−	—	0.1	− 0.5	9.4	5
	Chaman	000 27	0 27 05	97 00 0	021 64	0 0 9 0 0	− − − 67	000 30	0 07 03	97 00 0	065 40	0 0 9 0 0	− − − 38	+ 8	+ 1	0	− 0.9	9.6	5
	Nushki	000 35	0 31 07	97 00 0	074 68	0 0 9 0 0	− − − 74	000 33	0 09 05	96 00 0	××× 47	0 0 9 0 0	− − − 45		—	0	—	5.4	—
	Dalbandin *	000 35	5 07 05	96 03 0	027 72	0 0 9 0 4	0 6 × 75	000 28	1 05 05	95 02 0	034 41	0 0 9 0 1	− − − ××	+12	+13	0	− 0.2	1.5	4
	Mokhundi	000 29	5 34 09	99 03 1	159 68	0 0 9 0 5	9 0 × 73	000 14	0 29 02	97 05 0	234 41	0 0 9 0 0	− − − 40	—	-	0	—	1.0	2
	Kalat †	000 44	9 21 05	98 00 0	000 55	0 0 9 0 0	− − − 59	000 28	0 18 15	98 00 0	002 33	0 0 9 0 0	− − − 28	+ 2	+ 1	0.5	+ 0.1	10.2	7
	Turbat																		—
	Panjgur *	000 47	0 05 03	97 00 0	015 67	0 0 9 0 0	− − − 70	000 24	1 05 07	97 03 0	031 42	0 0 9 0 1	9 4 0 39	+ 4	0	0	—	3.2	5
	Las Bela	000 54	0 00 00	99 08 0	135 85	0 0 9 0 0	− − − 88	000 45	0 00 00	98 00 0	164 59	0 0 9 0 0	− − − 45	−	—	0	—	1.7	6
	Ormara	000 73	0 27 02	96 00 0	189 78	0 0 9 0 0	− − − 79	000 58	0 00 00	96 00 0	147 62	0 0 9 0 0	− − − 57	−	—	0	0	2.1	6
	Pasni	000 57	0 23 05	98 00 0	145 79	0 0 9 0 0	− − − 82							+ 3					6
	Jiwani																		4
SIND	Keti	000 45	0 27 05	96 00 0	142 79	0 0 9 0 0	− − − 80	000 37	0 09 03	96 00 0	168 48	0 0 9 0 0	− − − 45	−	—	0	—	9.2	—
	Jacobabad	000 47	0 31 02	97 00 0	188 76	0 0 9 0 0	− − − 84	000 37	1 27 03	96 02 1	167 55	0 0 9 0 2	− − − 51	+ 7	+ 4	0	− 0.1	0.7	4
	Sukkur	000 50	2 00 00	96 02 1	142 74	0 0 9 0 0	5 0 × 88	000 50	0 00 00	93 13 1	160 47	0 0 9 0 0	− − − 51	−	—	0	—	1.0	4
	Padidan	000 47	0 00 00	98 00 0	144 77	0 0 9 0 0	− − − 78	000 39	0 00 00	98 00 0	167 46	0 0 9 0 0	− − − 42	−	—	0	—	0.9	—
	Karachi (Manora)	000 68	0 09 09	99 00 0	140 76	0 0 9 0 0	− − − 80	000 54	0 05 05	98 00 0	159 63	0 0 9 0 0	− − − 60	0	− 1	0.1	0	1.7	3
	Karachi (A. P.)	000 64	0 20 07	97 00 0	143 77	0 0 9 0 0	− − − 85	000 47	0 00 00	98 00 0	163 53	0 0 9 0 0	− − − 51	−	—	0		2.0	—
	Badin	000 45	0 36 02	97 00 0	136 83	0 0 9 0 0	− − − 82	000 42	0 36 02	97 00 0	172 53	0 0 9 0 0	− − − 49	0	− 4	0.9	+ 0.7	7.8	9
	Nagarparkar																		
	Gihor (Umarkot)	000 49	0 00 00	97 00 0	132 80	0 0 9 0 0	− − − 85	000 25	0 00 00	97 00 0	161 54	0 0 9 0 0	− − − 49	−	—	0	—	2.4	—
	Hyderabad	000 52	0 00 00	97 00 0	138 86	0 0 9 0 0	− − − 84	000 45	0 05 02	96 00 0	167 57	0 0 9 0 0	− − − 52	+ 4	− 1	0	− 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 27	2 00 00	98 01 1	021 56	1 8 8 0 1	− − − 59							—					12
	Jalalabad																		—
	Kandahar	000 52	0 00 00	98 00 0	038 59	0 0 9 0 0	− − − 72							—					—

See footnote on page 2

[P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 9TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_mC_H$	$W_1D_sD_mD_H$ T_xT_x	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_mC_H$	$W_1D_sD_mD_H$ T_xT_x	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Norms
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arabia	Muscat	—	000 61	0 18 02	99 00 1	152 76	0 0 9 0 0	- - - 79	000 57	6 00 00	99 00 0	152 79	6 0 9 0 0	- - - 68	0	- 8	0	- 0.6	3.3	4
	Bharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 53	8 05 05	97 20 2	144 67	0 0 9 0 8	- - - 67	022 55	8 30 16	97 01 6	177 59	0 0 9 0 8	- - - 57	—	—	0.2	—	1.7	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports From Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_t hC_m C_H	D_s v_s app	S N_r Ch_s h_s	O T_s T_s T_d T_d	$1d_w$ d_w P_w H_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bharat Bala	73 109	755 06	0 10 09	98 00 0	115 85	00 9 00		—		—
Yenang Yaung	78 225	604 06	4 00 00	98 02 0	201 77	45 6 00	3 4 110	—	0 51 63	1 XX XX
Bharatraja	73 101	760 12	5 00 00	98 03 0	087 88	1X 6 35	—	—		—
Dwarka	73 248	660 18	0 26 09	99 00 0	162 74	00 9 00	6 5 101	—	0 55 67	—
Pacific Importor	73 099	637 06	5 06 10	99 01 2	138 82	58 6 00	2 3 800	—	0 XX 72	—
Yenang Yaung	73 217	612 12	3 07 07	98 02 0	159 77	35 6 00	3 4 816	—	0 51 61	—
Bharatraja	73 091	768 18	6 16 04	98 03 1	108 82	66 6 XX	—	—		—
Engans	73 095	642 06	6 04 10	98 01 1	139 82	65 5 61	6 4 112	—	0 50 76	1 02 32
BAY OF BENGAL										
Tarakan	72 057	899 00	6 22 30	98 25 8	079 82	43 3 05	6 4 411	—	0 01 76	1 20 56

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG			PoPoPoToTo			TdoTdoTxoX1X2			PtPtPththt		T1T1Td1Td1Tx1 etc.			5555		hthtPtPtPt		T1T1Td1Td1Tx1 etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	012 23	172 60	000 41	231 63	855 01	166 95	700 33	096 83	500 20	569 94	301 60	859 97	555 55	349 90	195 91	678 00	136 42	456 00	019 91	525 82	009 90	484 00	679 97	803 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds and tens of millibars. hht—Height in thousands, hundreds and tens of feet.
hn—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	06 04	07 04	08 17	06 09	07 11	25 10	27 16	28 32	28 40	—	06 11	03 06	04 03	—	—	—	01 08	05 09	07 08	06 07	15 06	23 14	28 24	27 35
Chhur	33 07	36 02	28 03	28 07	26 10	28 12	28 17	29 37	27 40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chittagong	04 04	04 03	19 08	19 09	21 08	23 13	25 12	29 16	—	—	04 12	04 05	17 03	19 09	19 09	19 10	04 18	04 12	07 04	18 05	19 14	17 24	—	—
Cox's Bazar	04 03	09 03	14 07	15 08	15 11	21 05	—	—	—	—	08 04	12 04	18 19	14 10	17 15	17 21	07 09	09 07	14 07	14 17	17 16	—	—	—
Dacca	07 02	06 05	04 04	09 08	22 11	23 09	26 25	—	—	—	04 10	04 13	13 11	18 04	—	—	05 15	05 13	02 07	22 09	21 10	17 10	—	—
Dalbandin	—	—	16 01	31 03	34 05	28 07	29 28	29 39	29 54	—	—		07 18	10 13	19 03	28 12	—	—	07 07	10 16	24 10	27 10	22 19	26 38
Drosh	—	—	—		05 05	36 00	14 03	23 11	23 22	—	—		—	07 01	03 06	03 10	—	—	—	—	06 06	01 28	20 14	01 10
Fort Sandeman	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	22 07	30 04	02 11	29 40	28 48
Jacobabad	29 03	28 03	29 04	26 03	26 03	22 05	29 10	29 27	28 29	28 45	26 04	27 05	25 03	35 10	28 08	30 14	30 07	28 06	07 09	36 12	31 05	30 12	—	—
Jhelum	27 01	16 01	16 02	28 02	21 03	14 04	21 16	25 30	27 62	—	35 04	03 02	11 04	08 05	36 07	33 10	35 07	35 08	35 08	36 08	01 04	35 05	30 13	29 33
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	32 06	27 02	26 03	25 05	28 06	29 12	28 18	28 23	28 40	37 47	06 02	12 01	34 05	31 09	34 02	28 16	13 07	13 04	13 08	18 02	21 01	31 08	30 11	—
Khanpur	22 04	22 08	23 02	29 08	28 11	28 15	28 43	27 51	27 58	—	23 06	23 06	23 03	33 03	33 05	33 09	03 04	27 03	28 02	01 03	29 01	25 10	23 16	25 32
Lahore	30 02	29 07	29 06	31 06	20 06	18 10	28 12	28 37	27 51	27 91	31 03	34 05	34 03	34 03	34 10	34 16	34 05	33 07	33 07	33 10	33 09	31 16	29 07	31 33
Multan	22 02	28 03	28 04	31 07	29 09	30 16	27 27	28 52	—	—	18 07	31 06	22 06	27 00	30 09	31 10	13 08	11 03	08 02	33 03	05 02	03 18	—	—
Peshawar	—	12 02	30 02	25 02	27 06	27 14	27 18	24 27	28 42	27 87	—	32 02	33 03	05 09	33 04	34 09	—	28 02	35 03	34 12	28 32	36 09	01 11	05 19
Quetta	—				30 09	28 74	28 48	27 57	27 76	—	—	—	No	ascent	—	—	—	—			36 03	30 26	29 28	—
Kushire	—					—					—	—			—							—	—	—
Sharjah	—					—																—		

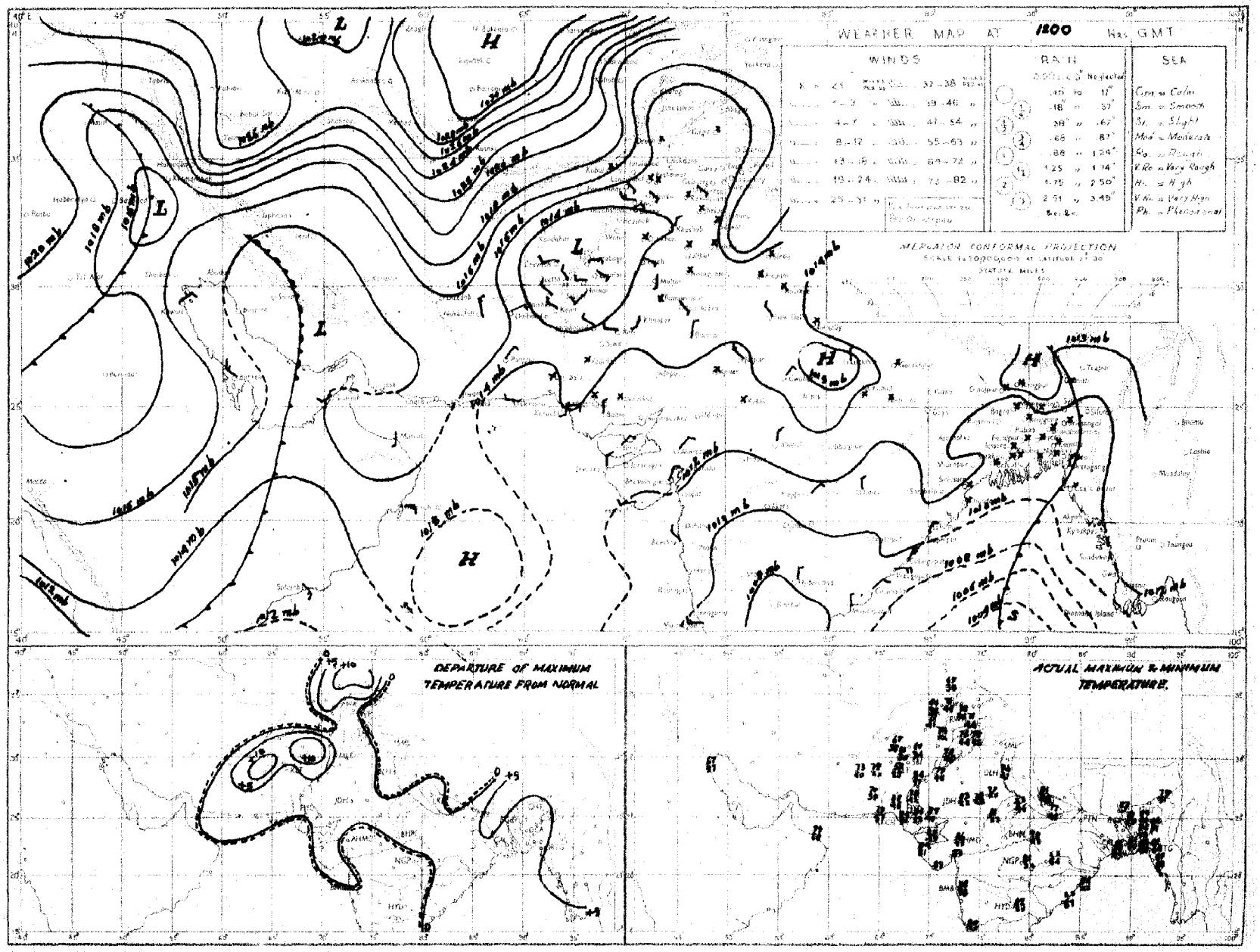
Cloud Observation Data (iiiGG Cddv, v_r)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet

N. P. W.

PAKISTAN DAILY WEATHER MAP

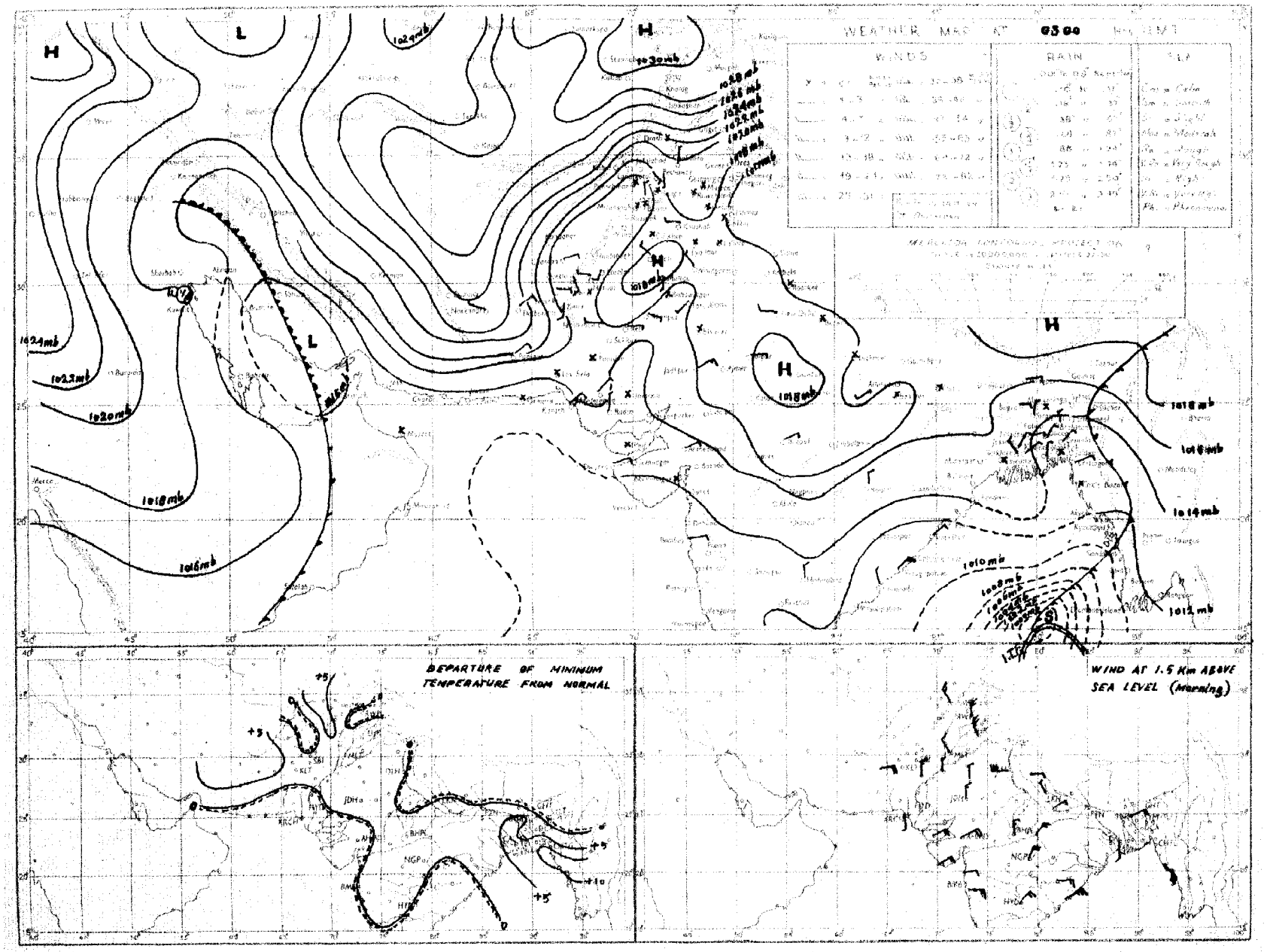
SATURDAY 8th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SUNDAY 9th DECEMBER 1951



Normal amounts indicated in the above chart refer to past 24 hours

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR MONDAY, THE 10th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Ships' observations are absent, but believe severe cyclonic storm in east central Bay of Bengal is centred at 0300 G. M. T. today within one degree of latitude 18°N and longitude 89°E. It is likely to move north or northnortheastwards.

A low lies over south Iran and east Persian Gulf and is moving eastnortheastwards.

Weather continued to be dry over the country.

Night temperatures were markedly to considerably above normal in the Eastern and Deltaic sub-divisions of East Pakistan.

Forecast valid until the evening of 11th :—Fairly widespread rain will occur in East Pakistan. Weather will be cloudy with occasional rain/drizzle in north Baluchistan.

Heavy rainfall warning :—Moderate to heavy rain accompanied with strong winds occasionally reaching gale force likely commence in Chittagong, Noakhali, Bakarganj, Khulna, Jessore, Dacca, Faridpur and Tippra districts within next 18 hours.

Karachi-11.
The 10th December, 1951.

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

OBSERVATIONS

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_t D_H D_M T_x T_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_t D_H D_M T_n T_n$	$T_x T_x$	$T_n T_n$	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's B zar	000 68	8 00 00	94 03 2	100 80	4 8 6 7 0	8 × 0 88	000 72	7 00 00	97 0 2	125 79	0 0 9 7 0	8 × 0 71	+ 7	+11	0.3	− 3.4	121.7	140
	Chittagong	000 67	6 02 02	96 02 1	103 75	3 8 6 7 0	0 × 9 81	000 68	6 07 02	97 02 1	128 77	0 0 9 7 0	0 × 9 67	+ 2	+ 8	0	− 2.5	134.5	108
	Noakhali	000 70	0 00 00	92 46 4	××× 81	0 0 9 0 0	− − − 86	000 73	0 00 00	94 46 4	××× 80	0 0 9 0 0	− − − 63	+ 7	+ 3	0 7	− 1 1		115
	Comilla	000 68	7 36 02	96 03 2	111 76	7 5 7 0 0	− − − 78	000 61	5 36 05	98 03 1	133 49	5 4 7 0 0	− − − 67	− 2	−	1.4	− 0 1	132.6	94
	Brahmanbaria	000 68	0 00 00	×× 00 1	116 77	0 0 9 0 0	− − − 83	000 67	4 34 02	97 03 1	140 75	0 0 9 0 4	0 6 × 68	−	−	0.9	− 0.4	66.4	78
	Dacca	××× 62	5 00 00	×× 02 2	109 72	0 0 9 0 5	9 × × 82	××× 65	7 05 03	97 02 2	137 76	0 0 9 5 1	3 × × 62		−		−	−	...
	Narayanganj	000 60	4 05 02	×× 01 1	100 75	0 0 9 6 0	9 × 0 84							+ 5					74
	Mymensingh	000 5·	0 00 00	99 00 0	121 69	0 0 9 0 0	− − − 80	000 59	8 00 00	98 02 2	156 68	8 4 7 − −	− − − 58	+ 2	+ 1	3.0	+ 2.1	64.8	91
	Srimangal	000 67	4 00 00	×× 01 1	115 68	0 0 9 3 3	0 5 6 80	000 65	7 05 02	96 0 1	145 73	5 8 6 3 0	− − − 62	− 2	+12	1.9	+ 0.3	107.1	98
	Khulna	000 72	6 36 02	96 02 2	117 73	6 8 8 0 0	− − − 81	000 60	7 05 02	97 03 0	138 70	7 5 8 0 0	− − − 66	+ 2	+10	0.8	− 0.4	54.2	63
	Satkhira	000 71	5 36 02	×× ×× 0	××× 73	8 5 7 8 0	− − − 82	000 60	6 05 03	97 03 1	137 73	4 5 7 5 0	− − − 65	+ 1	+11	0.7	− 1.2	45.3	65
	Jessore	000 65	0 00 00	×× 00 1	115 71	0 0 9 0 0	− − − 82	000 61	6 05 05	97 02 1	132 73	0 0 9 0 4	− − − 63	−		1.1	0	47.0	66
	Faridpur	000 64	4 00 00	94 05 0	116 75	1 4 7 0 8	0 5 × 76	000 62	5 07 02	95 05 0	142 72	1 4 7 1 0	0 × 4 63	− 1	+ 6	1.5	+ 0 3	67.0	71
	Barisal	000 66	8 00 00	97 03 2	100 78	5 5 6 5 6	− − − 83							+ 4					81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 64	8 00 00	×× 02 2	117 82	0 0 9 0 7	− − − 89	000 64	8 36 02	95 01 2	147 67	0 0 9 6 0	0 0 0 61		+ 5	3.3	+ 2.5	69.1	64
	Bogra	000 63	3 00 00	96 03 1	114 74	0 0 9 0 4	− − − 79	000 62	6 05 03	96 03 1	155 67	0 0 9 0 6	− − − 59	+ 2	+ 4	2.0	+ 1.1	47.0	69
	Dinajpur	000 58	0 00 00	×× 00 0	134 69	0 0 9 0 0	− − − 81	000 56	0 36 05	96 00 0	164 67	0 0 9 0 0	− − − 52	+ 8	− 1	0.6	+ 0.2	49.2	72
	Rangpur	000 ××	0 07 02	×× 00 1	−− −	0 0 9 0 0	− − − −−	000 ××	6 07 05	98 02 1	− −	0 0 9 1 0	− − − −−			1.2	+ 0 8	80.4	84
KASHMIR	Srinagar †																		...
	Gulmerg † †																		...
	Sonamerg (a)																		...
	Dras †																		...
	Leh †																		...
	Skardu †																		...
	Gilgit *																		...
	Misgar																		...
	Aliabad																		...
PUNJAB	Lyallpur	000 48	0 29 02	96 00 0	151 69	0 0 9 0 0	− − − 73	000 44	4 70 02	93 40 4	181 46	0 0 9 6 6	3 4 0 43	+ 1	+ 1	0.4	+ 0.8	10.5	12
	Lahore	000 55	1 00 00	96 02 1	153 67	0 0 9 0 1	− − − 73	000 45	2 00 00	94 10 1	150 47	0 0 9 0 4	− − − 43	− 2	+ 2	1.3	+ 1.2	16.0	19
	Sialkot	000 55	0 00 00	97 00 0	161 66	0 0 9 0 0	− − − 71	000 47	0 00 00	97 00 0	195 51	0 0 9 0 0	− − − 46	− 1	+ 3	1.9	+ 1 7	20.7	33
	Jhelum	000 49	0 00 00	97 00 0	158 65	0 0 9 0 0	− − − 73	000 41	1 00 00	96 02 0	192 46	0 0 9 0 1	− − − 42		−	1.9	−	28.6	—
	Rawalpindi	000 46	0 27 02	99 00 0	167 61	0 0 9 0 0	− − − 71	000 40	0 05 02	96 00 0	196 43	0 0 9 0 0	− − − 39	+ 2	+ 1	2.1	+ 1.6	27.9	36
	Murree †	000 31	0 18 02	98 00 0	982 47	0 0 9 0 0	− − − 56	000 10	1 02 07	98 00 0	993 47	0 0 9 0 0	2 × 0 42	− 1	+ 6	2.6	+ 1.5	47.7	59
	Attock	××× ××	0 18 02	97 00 0	−− −	0 0 9 0 0	− − − −−	××× ××	0 18 02	94 00 0	−− −	0 0 9 0 0	− − − −	−	−	−			—
	Khushab	000 48	0 25 02	99 00 0	155 70	0 0 9 0 0	− − − 76	000 38	2 16 02	99 03 1	186 45	0 0 9 0 4	− − − 42	+ 2	− 1	0.6	+ 0.5	8.6	15
	Montgomery	000 59	0 00 00	96 00 0	156 71	0 0 9 0 0	− − − 73	000 48	0 00 00	96 00 0	186 50	0 0 9 0 0	− − − 46	− 2	+ 1	1.1	+ 1.0	7.2	10
	Leiah	000 50	0 00 00	97 00 0	160 78	0 0 9 0 0	− − − 78	000 43	0 00 00	97 00 0	188 46	0 0 9 0 0	− − − 42			0 4	−	6.9	8
	Multan	000 48	0 09 02	97 00 0	159 72	0 0 9 0 0	− − − 78	000 45	0 00 00	95 00 0	194 55	0 0 9 0 0	− − − 45	+ 4	+ 1	0	− 0.1	6.9	7
	Khanpur	000 46	0 05 02	95 04 0	148 76	0 0 9 0 0	− − − 79	000 44	0 09 03	95 10 0	188 48	0 0 9 0 0	− − − 45	+ 3	0	0.1	0	2.1	6
	Bahawalpur	000 54	0 00 00	97 00 0	152 71	0 0 9 0 0	− − − 77	000 43	0 00 00	96 00 0	187 45	0 0 9 0 0	− − − 45	+ 2	0	0.1	0	4.6	6
	Fort Abbas	000 57	0 23 02	96 0 0	143 71	0 0 9 0 0	− − − 77	000 ××	0 23 02	96 00 0	188 53	0 0 9 0 0	− − − 38		−	1.3		5.0	3
N. W. F. P.	Drosh *	000 08	0 18 03	99 00 0	031 57	0 0 9 0 0	− − − 60	000 04	0 00 00	99 00 0	099 42	0 0 9 0 0	− − − 37	+ 6	0	1.1		23.8	18
	Chakdara	000 44	0 20 03	99 00 0	144 62	0 0 9 0 0	− − − 69	000 33	0 34 02	98 00 0	203 39	0 0 9 0 0	− − − 36			1.2		21.5	—
	Cherat *	000 32	0 36 12	97 00 0	016 57	0 0 9 0 0	− − − 62	000 29	0 36 14	98 00 0	029 55	0 0 9 0 0	− − − 50	+ 5	+ 7	2.8	+ 2.1	31.7	29
	Peshawar	000 43	1 00 00	96 02 1	153 65	0 0 9 0 1	− − − 73	000 33	0 00 00	97 00 0	201 43	0 0 9 0 0	− − − 40	+ 4	+ 2	0 8	+ 0.3	9.9	14
	Parachinar	000 16	0 18 02	99 00 0	971 58	0 0 9 0 0	− − − 64	000 10	1 00 00	99 01 1	996 42	0 0 9 3 0	2 × 3 37	+ 7	+ 4	1.0		29.5	29
	Miranshah	000 29	0 05 02	99 00 0	011 60	0 0 9 0 0	− − − 72	000 21	1 00 00	98 01 1	017 46	0 0 9 0 3	− − − 41	−	−	0.5	+ 0.8	11.0	13
	Bannu	000 21	0 00 00	99 00 0	150 70	0 0 9 0 0	− − − 73	000 53	0 05 02	99 00 0	188 42	0 0 9 0 0	− − − 37	−	−	0.5		6.3	11
	D. I. Khan	000 54	0 00 00	96 00 0	150 70	0 0 9 0 0	− − − 74	000 34	0 00 00	96 00 0	185 46	0 0 9 0 0	− − − 46	0	+ 4	0	− 0 7	2.8	9
	Wana																		11
	Landikotal	000 29	0 00 00	99 00 1	010 53	0 0 9 0 0	− − − 64	000 18	0 00 00	99 00 0	031 49	0 0 9 0 0	− − − 42		−	0.9	−	12 8	—
	Hangu	××× ××	1 00 00	99 00 1	− −	0 0 9 0 1	9 0 × −−	××× ××	1 00 00	99 01 1	−−	0 0 9 0 2	9 0 × −	−	−		−		—
	Thall	××× ××	2 18 00	99 01 0	−− −	0 0 9 0 2	0 0 × −−	××× ××	1 36 05	99 01	−− −	0 0 9 0 1	0 0 × −−		−	−		−	—
BALUCHISTAN	Fort Sandeman *	000 25	0 00 00	97 05 0	999 63	0 0 9 0 0	− − − 66	000 20	4 00 00	98 02 1	058 38	0 0 9 0 6	2 × × 36	+ 6	+ 2	0.3	0	10.8	11
	Hindubagh	000 14	2 09 05	97 02 1	980 58	0 0 9 0 2	− − − 66	000 27	1 00 00	98 01 1	000 33	0 0 9 0 1	3 0 × 27			0		9.0	—
	Loralai	000 27	0 27 02	96 00 0	003 62	0 0 9 0 0	− − − 69	000 19	4 23 06	96 03 1	047 37	0 0 9 0 1	− − − 34	−	−	0.1	−	18.6	—
	Harnai (a)	000 ××	3 27 02	94 01 0	−	2 0 8 2 1	− − − −−	000 ××	0 09 02	96 00 0	−	0 0 9 0 0	− − − −−		−	0.1	− 0 8	10.7	14
	Sibi	000 29	0 23 05	99 00 0	133 80	0 0 9 0 0	− − − 83	000 41	0 00 00	98 00 0	183 52	0 0 9 0 0	− − − 50	−	−	0	−	3.8	5
	Quetta †	000 28	3 34 07	99 01 1	970 59	0 0 9 0 8	8 0 × 63	000 28	0 13 03	97 00 0	999 38	0 0 9 0 0	9 × × 23	−	−	0.1	− 0.5	9.4	9
	Chaman	000 31	0 21 02	97 00 0	022 58	0 0 9 0 0	− − − 63	000 25	0 18 02	97 00 0	030 44	0 0 9 0 0	− − − 39	+ 4	0	0	− 0.9	9.6	8
	Nushki	000 37	0 23 07	97 00 0	038 65	0 0 9 0 0	− − − 72	000 28	0 07 07	96 00 0	055 58	0 0 9 0 0	− − − 39		−	0		5.4	—
	Dalbandin *	000 29	3 07 05	94 06 0	013 63	0 0 9 0 4	0 5 × 64	000 20	0 00 00	95 05 0	022 34	0 0 9 0 0	− − − 32	+ 1	− 2	0	− 0.2	1.8	4
	Nokkundi	000 37	0 11 02	99 05 1	141 67	0 0 9 0 0	− − − 69	000 07	6 34 05	97 03 0	203 42	0 0 9 0 6	0 9 × 41	−	−	0	−	1.0	2
	Kalat †	000 45	0 23 05	98 00 0	983 61	0 0 9 0 0	− − − 67	000 23	0 18 05	98 00 0	991 34	0 0 9 0 0	− − − 29	+10	+ 2	0 5	+ 0.1	10.2	7
	Turbat																		—
	Panjgur *	000 36	0 27 03	97 00 0	993 71	0 0 9 0 0	− − − 72	000 26	0 36 03	97 00 0	012 42	0 0 9 0 0	− − − 39	+ 6	0	0	−	3.2	5
	Las Bela	000 52	0 00 00	99 00 0	138 85	0 0 9 0 0	− − − 88	000 37	0 00 00	98 00 0	172 65	0 0 9 0 0	− − − 46	−	−	0	−	1.7	8
	Ormara	000 74	0 00 00	96 00 0	131 78	0 0 9 0 0	− − − 79	000 61	0 00 00	96 00 0	167 64	0 0 9 0 0	− − − 57	−	−	0	− 0.2	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 38	0 05 03	96 00 0	147 76	0 0 9 0 0	− − − 78	000 36	0 36 02	96 00 0	188 47	0 0 9 0 0	− − − 45	−	−	0	−	9.2	—
	Jacobabad	000 47	0 16 03	97 00 0	146 76	0 0 9 0 0	− − − 80	000 36	0 31 02	97 00 0	187 50	0 0 9 0 0	− − − 47	+ 3	0	0	− 0.1	0.7	4
	Sukkur	000 50	0 ×× ××	96 00 0	141 74	0 0 9 0 0	6 × × 80	000 43	0 ×× ××	96 00 0	185 50	0 0 9 0 0	− − − 47			0	−	1 0	4
	Padidan	000 46	0 00 00	98 00 0	144 76	0 0 9 0 0	− − − 78	000 44	0 00 00	98 00 0	185 47	0 0 9 0 0	− − − 44	−	−	0	−	0.9	—
	Karachi (*Manora*)	000 71	0 25 05	99 00 0	131 76	0 0 9 0 0	− − − 80	000 51	0 05 09	98 00 0	167 64	0 0 9 0 0	− − − 62	0	0	0.1	0	1.7	8
	Karachi (*A. P.*)	000 61	0 20 07	97 00 0	133 79	0 0 9 0 0	− − − 85	000 48	0 00 00	97 00 0	171 57	0 0 9 0 0	− − − 53	−	−	0		3.0	—
	Badin	000 52	0 36 02	97 00 0	121 80	0 0 9 0 0	− − − 84	000 37	0 36 02	97 00 0	179 49	0 0 9 0 0	− − − 49	+ 2	− 4	0.9	+ 0 7	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 32	0 34 02	97 00 0	132 81	0 0 9 0 0	− − − 84	000 38	0 02 03	97 00 0	176 54	0 0 9 0 0	− − − 49		−	0	−	2.3	—
	Hyderabad	000 45	0 05 03	97 00 0	134 78	0 0 9 0 0	− − − 81	000 43	0 36 03	96 00 0	172 56	0 0 9 0 0	− − − 55	+ 1	+ 2	0	− 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 32	2 16 02	99 01 0	025 55	0 0 3 0 1	− − − 60	000 16	1 20 09	99 01 0	037 33	0 0 9 0 1	− − − 25	−	−	0.1	−	10.7	13
	Jalalabad	000 53	1 00 00	97 01 0	012 71	0 0 9 0 1	4 9 × 71	000 22	0 27 04	97 00 1	020 44	0 0 9 0 0	9 9 × 48	−	−	0.3	−	7.3	—
	Kandahar	000 29	1 00 00	98 01 1	000 65	0 0 9 0 9	− − − 67	000 23	1 00 00	97 01 1	010 32	0 0 9 0 9	− − − 26	−	−	0	−	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 10TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_sD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	Ndd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_sD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Rainfall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Mashed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arabia	Muscat	—	000 64	0 31 02	99 00 0	126 76	0 0 9 0 0	— — — 79	000 55	0 25 02	99 00 0	162 74	6 0 9 0 0	— — — 69	0	— 2	0	— 0.7	2.3
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 53	0 29 10	97 01 1	158 67	0 0 9 0 0	— — — 67	000 46	0 29 07	97 00 0	200 55	0 0 9 0 0	— — — 53	—	—	0	—	1.5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
††† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0800 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka —	13 251	628 06	2 01 07	98 03 0	165 75	00 9 80	6 5 117	—	0 53 68	—
Yenang Yaung —	13 193	634 06	3 07 02	98 02 0	162 70	35 6 00	3 4 308	—	0 02 65	1 07 20
Masimpur —	13 177	674 06	7 08 06	98 02 2	128 82	72 5 00	7 4 xxx	—	—	1 00 xx
Ohfed —	13 092	676 06	5 02 07	98 01 0	109 82	11 4 50	2 5 006	—	0 51 68	1 02 22
Jabarajendra —	13 131	745 12	2 27 03	98 02 0	142 76	—	—	—	—	—
Yenang Yaung —	13 187	642 12	0 05 03	98 02 0	157 78	00 9 00	3 4 407	—	0 51 79	1 05 20
Sebiedyk —	13 089	690 12	3 02 08	98 01 0	082 81	11 6 05	2 5 402	—	0 52 69	1 02 22
Dwarka —	13 246	611 18	0 17 07	99 00 0	144 75	00 9 00	5 5 604	—	0 54 68	—
Jabrajandra —	13 118	731 18	0 00 00	98 00 0	076 74	—	—	—	—	—
Sebiedyk	13 086	707 18	1 02 02	98 02 0	105 82	11 5 00	2 5 000	—	0 51 60	1 12 31
BAY OF BENGAL										
Kotagide —	13 057	818 12	5 19 05	98 08 1	098 82	12 4 14	6 4 408	—	0 00 72	1 18 21

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi —	780 15	012 21	143 60	000 41	201 38	854 99	160 12	700 33	095 81	506 28
	12	13	14	15	16	17	18	19	20	21
Karachi	359 94	555 55	349 00	170 46	678 00	145 11	456 00	029 97	059 77	589 90
	22	23	24	25	26					
Karachi										

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet
nn—Height in thousands and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra —	01 03	03 03	06 05	36 03	27 17	26 15	27 27	27 39	—	—	02 08	08 07	07 06	25 05	—	—	07 10	11 11	12 12	19 06	21 11	23 17	27 19	—
Chhor —	22 06	08 06	07 07	04 03	05 08	29 09	30 12	25 33	—	—	—	—	—	—	—	—	08 21	08 15	04 11	09 12	02 12	13 10	20 19	23 37
Chittagong —	05 10	07 18	09 03	16 10	26 08	—	—	—	—	—	05 10	05 08	09 27	—	—	—	07 05	07 11	12 10	15 18	17 22	—	—	—
Cox's Bazar —	04 07	09 04	13 07	15 17	17 15	19 13	—	—	—	—	11 08	13 06	13 09	14 17	16 24	—	11 09	11 17	13 13	15 21	—	—	—	—
Dacca —	03 04	35 04	32 02	21 09	20 13	21 20	—	—	—	—	04 12	07 08	11 04	19 04	19 09	—	05 17	05 10	07 08	17 07	15 14	—	—	—
Dalbandin —	—	—	06 11	09 05	11 04	24 10	26 13	25 28	—	—	—	—	09 04	12 09	20 10	20 12	—	—	08 04	18 08	19 18	21 15	19 08	—
Drosh —	—	—	—		36 16	36 10	07 08	36 15	31 29	28 57	—		—	04 02	03 12	01 15	—	—	—					—
Fort Sandeman —	—		—	25 05	27 01	05 03	29 32	28 56		—		—	—				—	—	—	24 09	26 07	13 07	28 03	—
Jacobabad —	29 01	26 02	23 05	03 07	23 05	25 14	29 22	29 29	27 43	—	10 07	10 06	14 05	08 05	26 02	31 03	26 03	11 05	34 03	02 07	09 13	18 04	29 17	—
Jhelum —	27 05	30 06	30 03	34 07	31 05	31 06	29 07	29 21	27 32	—	23 05	33 10	32 08	31 10	33 10	07 04	33 07	31 10	35 09	32 04	33 04	35 03	29 12	—
Jiwani —		—															—	—	—	—	—	—	—	—
Karachi —	10 04	10 04	10 05	06 01	32 01	30 09	24 12	25 37	26 47	26 45	04 15	03 15	10 13	15 04	18 08	18 14	06 24	07 15	10 10	16 04	19 06	17 10	20 29	—
Khanpur —	09 04	06 03	06 05	69 03	24 08	27 17	30 29	27 43	—	—	07 07	05 05	01 05	36 07	33 09	29 07	12 07	03 06	05 06	03 09	05 11	03 04	20 15	23 24
Lahore —	29 03	28 04	30 04	01 06	33 08	30 09	29 15	28 57	28 77	—	30 04	34 05	34 03	01 06	—	34 08	35 02	33 05	33 06	38 07	35 07	34 04	30 21	—
Multan —	25 04	13 06	14 01	03 10	27 05	26 21	27 35	—	—	—	25 04	27 05	03 04	30 07	02 13	02 13	31 03	31 03	17 05	04 02	04 10	05 11	32 17	26 25
Peshawar —	—	13 02	31 04	32 19	33 12	02 10	04 10	34 13	31 23	—	—	26 03	23 03	32 13	34 15	04 10	—	03 04	36 03	31 15	33 12	02 03	10 07	28 19
Quetta —	—	—	—		27 04	27 09	28 22	27 38	26 43	—	—	—	No	ascent	—	—	—	—	—		30 16	14 12	18 23	—
Bushire —	—	—	—			—					—	—	—	—	—						—	—	—	—
Sharjah —	—	—	—			—																—		

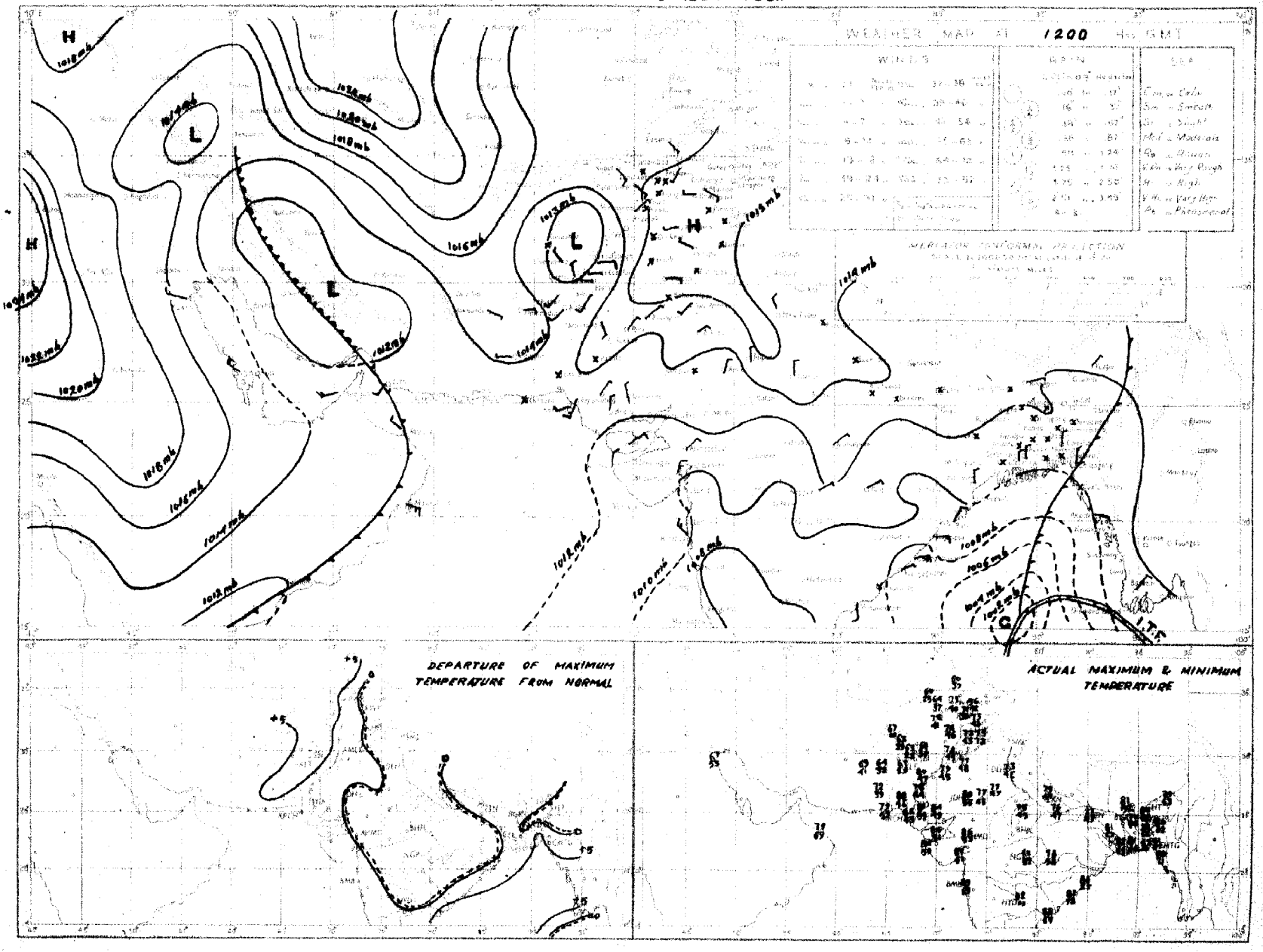
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡‡The correct levels to which the upper winds relate are 0.3 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet

N. P. W.

PAKISTAN DAILY WEATHER MAP

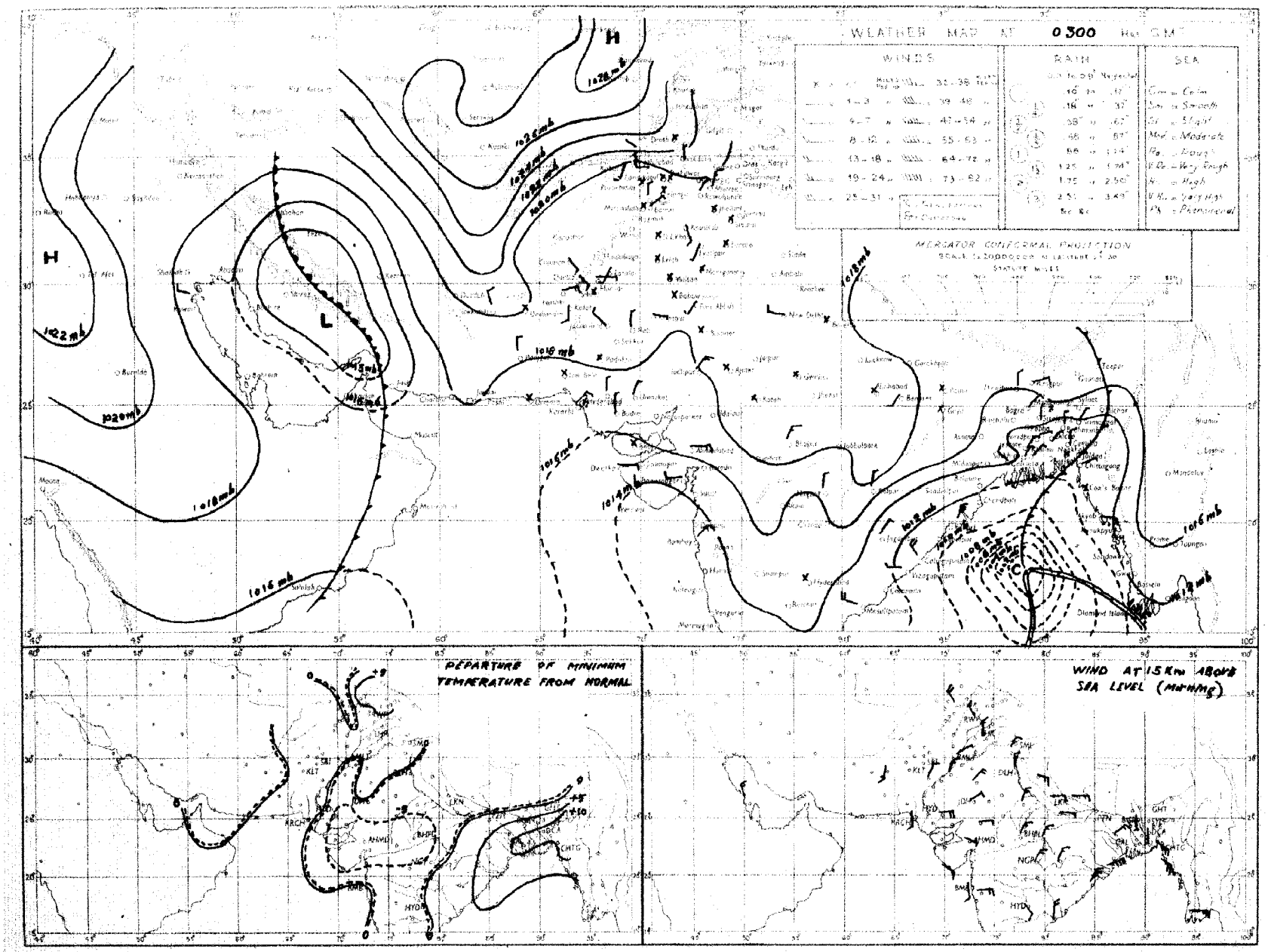
SUNDAY 9th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

MONDAY 10th DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1617

FOR TUESDAY, THE 11th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Severe Cyclonic storm in northwest Bay of Bengal remained practically stationary and is centred at 0300 GMT today within half degree of latitude 19°N and longitude 89°E. It is likely to move northwards.

A western disturbance is bordering the North-West Frontier Province.

Weather continued to be dry over the country.

Night temperatures were markedly to considerably above normal in East Pakistan and generally appreciably above normal in West Pakistan outside south Baluchistan.

Forecast valid until the evening of 12th :—Fairly widespread rain drizzle will occur in East Pakistan and local rain/thundershowers in the North-West Frontier Province, Kashmir and the extreme north Punjab.

Gale warning :—Moderate to heavy rain accompanied with strong winds reaching gale force will occur in the southern districts of East Pakistan during the next 36 hours.

Karachi-11.
The 11th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$ C$_H$	W$_t$D$_H$D$_M$T$_x$T$_x$	RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_n$T$_n$	T$_x$T$_x$	T$_n$T$_n$	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 71	8 00 00	94 03 2	104 81	2 2 5 7 0	8 × 0 86	000 71	8 00 00	97 0 2	134 77	4 8 5 6 0	8 × 0 74	+ 5	+15	0.8	- 3.5	121.7	140
	Chittagong	000 78	4 05 02	96 02 1	103 80	0 0 9 7 0	0 × 0 87	000 71	7 07 05	97 02 1	137 77	0 0 9 7 0	0 × 9 72	+ 8	+14	0	- 2.5	134.5	108
	Noakhali	000 75	8 00 00	96 03 1	××× 77	2 1 5 2 2	- - - 87	000 73	5 00 00	96 01 1	××× 78	0 0 9 1 4	- - - 62	+ 8	+ 3	0.7	- 1.1	—	115
	Comilla	000 76	3 00 00	96 02 1	109 80	3 2 7 0 0	- - - 81	000 72	4 00 02	98 01 1	135 79	2 2 7 2 0	- - - 66	+ 1	+11	1.4	- 0.1	132.6	94
	Brahmanbaria	000 73	0 00 00	×× 00 1	112 80	0 0 9 0 0	- - - 81	000 71	2 34 02	97 01 1	142 78	0 0 9 0 2	0 6 × 68	—	—	0.9	- 0.4	66.4	78
	Dacca	××× 67	8 00 00	×× 02 2	107 75	0 0 9 7 1	9 × × 83	000 70	7 05 02	97 01 2	137 75	0 0 9 5 1	- - - 67		—			—	—
	Narayanganj	000 69	7 00 00	×× 03 2	097 77	0 0 9 0 9	9 0 × 87	000 70	6 36 02	95 01 2	130 88	0 0 9 0 8	9 0 × 70	+ 8	+13	0.7	- 0.3	89.5	74
	Mymensingh	000 53	8 00 00	99 02 2	122 67	8 4 7 - -	- - - 80	000 67	8 05 02	07 02 2	154 73	8 4 7 - -	- - - 60	- 2	+ 5	3.0	+ 2.1	64.8	93
	Srimangal	000 71	8 00 00	×× 02 1	114 75	8 5 5 - -	- - - 82	000 67	7 05 02	96 02 1	148 73	5 0 6 3 0	- - - 63	0	+14	1.9	+ 0.3	107.1	[illegible]
	Khulna	000 69	4 00 00	96 01 1	109 77	4 0 8 8 0	- - - 83	000 69	6 05 02	97 03 0	141 74	4 5 8 0 1	- - - 60	+ 4	+14	0.8	- 0.5	54.2	68
	Satkhira	000 77	6 81 02	97 03 1	103 80	4 5 7 5 0	- - - 84	000 68	8 05 02	97 03 1	126 74	5 5 7 5 0	- - - 69	+ 8	+16	0.7	- 1.2	45.8	66
	Jessore	000 65	0 00 00	×× 00 1	116 75	0 0 9 0 0	- - - 84	000 67	7 86 03	96 02	1.8 78	7 8 6 0 0	- - - 63			1.1	0	47.0	65
	Faridpur	000 76	8 36 02	94 03 0	119 77	6 5 6 1 0	9 × × 77	000 68	7 05 02	95 03 2	146 74	2 5 6 1 8	9 × × 67	0	+12	1.5	+ 0 3	67.0	71
	Barisal							000 41	0 85 02	97 00 0	138 51	0 0 9 0 0	- - - 48		- 8	1.2	- 0.6	74.7	51
	Pabna																		59
	Rampu Boalia																		56
	Sirajganj	000 69	8 00 00	×× 03 2	110 75	8 4 5 - -	- - - 77	000 66	8 36 03	95 01 2	161 70	7 2 6 0 0	- - - 66	0	+11	3.3	+ 2.5	69.1	64
	Bogra	000 66	7 00 00	95 03 2	136 77	0 0 9 7 0	- - - 81	000 64	3 05 03	96 01 1	151 72	0 0 9 0 1	- - - 64	+ 4	+ 9	2.0	+ 1.1	47.0	69
	Dinajpur	000 61	0 00 00	×× 00 0	125 73	0 0 9 0 0	- - - 81	000 53	5 36 02	96 02 0	169 66	0 0 9 4 0	- - - 60	+ 3	+ 9	0.6	+ 0.2	49.2	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	- - - - -	000 ××	6 02 05	98 02 1	— —	0 0 9 2 0	- - - - -			1.2	+ 0 8	80.4	84
KASHMIR	Srinagar †																		—
	Gulmerg ††																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 49	0 00 00	96 00 0	157 69	0 0 9 0 0	- - - 75	000 43	2 00 00	93 40 4	190 44	0 0 9 0 8	3 0 0 43	+ 3	+ 2	0.4	+ 0.3	10.5	12
	Lahore	000 54	1 00 00	96 02 1	163 69	0 0 9 0 ×	- - - 76	000 43	0 00 00	94 10 0	200 46	0 0 9 0 0	- - - 43	+ 4	+ 3	1.3	+ 1.1	16.0	19
	Sialkot	000 53	2 00 00	97 02 1	160 64	2 0 8 6 0	- - - 69	000 45	0 00 00	97 00 0	198 51	0 0 9 0 0	- - - 47	- 3	+ 5	1.9	+ 1.6	20.7	32
	Jhelum	000 49	2 00 08	96 02 1	167 68	0 0 9 0 ×	- - - 69	000 43	0 00 00	94 10 0	207 45	0 0 9 0 0	- - - 41	—	—	1.9	—	28.6	—
	Rawalpindi	000 49	2 00 00	98 01 1	158 64	1 1 9 2 0	- - - 73	000 39	0 00 00	97 00 1	218 42	0 0 9 0 0	- - - 39	+ 4	+ 2	2.1	+ 1.6	27.9	[illegible]
	Murree †	000 17	2 18 02	98 01 1	981 51	0 0 9 0 0	- - - 60	000 17	0 13 08	98 00 1	992 42	0 0 9 0 0	9 × × 38	+ 3	+ 3	2.6	+ 1.5	47.7	[illegible]
	Attock	××× ××	5 00 00	96 01 0	— —	0 0 9 0 1	- - - - -	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	+ 1	—	—	—	—	—
	Khushab	000 50	0 34 02	99 00 0	156 70	0 0 9 0 0	- - - 75	000 40	0 07 02	99 00 0	192 48	0 0 9 0 0	- - - 43	+ 2	+ 1	0.6	+ 0.5	8.6	15
	Montgomery	000 58	0 00 00	96 00 0	159 78	0 0 9 0 0	- - - 77	000 46	0 00 00	96 00 0	194 48	0 0 9 0 0	- - - 45	—	+ 2	1.1	+ 1.0	7.2	[illegible]
	Leiah	000 46	0 28 02	97 00 0	155 78	0 0 9 0 0	- - - 78	000 39	0 00 00	98 00 0	194 49	0 0 9 0 0	- - - 49	+ 4		0.4	—	6.9	[illegible]
	Multan	000 50	0 00 00	97 00 0	162 75	0 0 9 0 0	- - - 78	000 43	0 00 00	94 05 0	198 51	0 0 9 0 0	- - - 45	+ 1	+ 2	0	- 0.1	6.9	7
	Khanpur	000 48	0 02 02	96 04 0	156 75	0 0 9 0 0	- - - 77	000 41	0 09 05	95 10 0	186 46	0 0 9 0 0	- - - 45	+ 1	+ 1	0.1	0	2.1	6
	Bahawalpur	000 56	0 00 00	97 00 0	159 73	0 0 9 0 0	- - - 77	000 45	0 11 02	97 00 0	188 49	0 0 9 0 0	- - - 49	+ 2	+ 6	0.1	0	4.6	[illegible]
	Fort Abbas	000 57	0 05 02	96 00 0	157 71	0 0 9 0 0	- - - 74	00× ××	0 23 02	96 00 0	188 53	0 0 9 0 0	- - - 39		—	1.8	—	5.0	8
N. W. F. P.	Drosh *	000 ××	6 13 05	99 03 1	043 55	0 0 9 0 4	2 6 × 58	000 07	6 00 00	99 02 1	065 41	0 0 9 4 0	- - - 38	+ 4	+ 3	1.1	—	23.8	[illegible]
	Chakdara	000 39	3 23 01	99 03 0	153 58	0 0 9 0 6	2 9 × 69	000 39	0 02 08	98 00 0	218 37	0 0 9 0 0	- - - 35		—	1.2	—	21.5	—
	Cherat *	000 27	3 36 12	97 01 1	022 58	0 0 9 0 1	3 6 × 62	000 31	0 00 00	98 00 0	036 44	0 0 9 0 0	- - - 43	+ 5	0	2.8	+ 2.1	31.7	29
	Peshawar	000 37	5 00 00	96 02 4	159 62	0 0 9 0 1	- - - 74	000 33	1 00 00	96 02 0	208 43	0 0 9 0 1	- - - 41	+ 5	0	0 8	+ 0.3	9.9	14
	Parachinar	000 44	6 18 02	99 01 1	987 58	0 0 9 3 1	2 0 0 67	000 13	2 36 02	99 01 1	984 39	0 0 9 3 0	2 × 3 37	+10	+ 5	1.0	—	29.5	29
	Miranshah	000 27	0 11 03	99 00 0	999 65	0 0 9 0 0	- - - 74	000 23	1 31 01	99 01 0	020 42	0 0 9 0 3	- - - 38	—	—	0.5	+ 0.3	11.0	13
	Bannu	000 5	2 00 00	99 01 0	161 69	0 0 9 0 8	0 0 × 74	000 33	0 00 00	99 00 0	209 42	0 0 9 0 0	- - - 42	—	—	0.5		6.3	11
	D. I. Khan	000 6	0 00 00	97 00 0	153 1	0 0 9 0 0	- - - 74	000 39	0 00 00	94	194 44	0 0 9 0 0	- - - 44	0	+ 3	0	- 0 2	2.8	9
	Wana																		11
	Landikotal	000 27	5 00 00	99 02 1	012 55	5 0 9 7 0	- - - 64	000 21	0 00 00	99 00 0	031 41	0 0 9 0 0	- - - 33		—	0.9	—	12 8	—
	Hangu	××× ××	4 00 00	99 03 1	— —	0 0 9 0 5	9 6 × —	××× ××	0 00 00	99 00 1	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	4 18 09	98 02 0	— —	1 3 7 1 2	0 0 0 ××	××× ××	1 09 05	99 00 0	— —	1 8 7 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 15	00 00	97 05 0	011 68	0 0 9 0 0	- - - 68	000 13	0 00 00	98 05 0	030 39	0 0 9 0 0	- - - 37	+ 8	+ 3	0.3	0	10.3	11
	Hindubagh	000 14	0 09 12	97 00 0	971 56	0 0 9 0 0	- - - 61	000 26	0 00 00	98 00 0	986 33	0 0 9 0 0	- - - 27			0		9.0	—
	Loralai	000 23	0 13 05	96 00 1	002 60	0 0 9 0 0	- - - 65	000 15	0 18 02	96 00 0	020 35	0 0 9 0 0	- - - 33	—		0.1	—	18.6	—
	Harnai (a)	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —			0.1	- 0.3	10.7	14
	Sibi	000 37	0 23 05	98 00 0	145 77	0 0 9 9 9	- - - 81	000 37	0 00 00	98 00 0	185 51	0 0 9 0 0	- - - 49	—		0	—	3.8	5
	Quetta †	000 27	2 25 09	99 01 0	965 69	0 0 9 3 0	- - - 64	000 26	0 27 02	98 10 0	970 31	0 0 9 0 0	- - - 26	—		0.1	- 0.6	9.4	9
	Chaman	000 32	0 23 02	97 00 0	002 60	0 0 9 0 0	0 0 9 66	000 26	0 11 02	97 00 0	0 3 43	0 0 9 0 0	- - - 41	+ 1	+ 4	0	- 1.0	9.6	8
	Nushki	000 31	0 31 05	96 00 0	048 70	0 0 9 0 0	- - - 71	000 28	0 11 05	96 00 0	084 46	0 0 9 0 0	- - - 41		—	0	—	5.4	—
	Dalbandin *	000 36	1 23 05	95 06 1	010 68	0 0 9 3 0	- - 69	000 27	0 00 00	95 05 0	032 43	0 0 9 0 0	- - - 39	+ 6	+ 2	0	- 0.2	1.8	4
	Nokkundi	000 31	0 02 02	97 05 1	136 68	0 0 9 0 0	9 × × 69	000 14	0 34 02	98 00 0	206 46	0 0 9 0 0	- - - 41	—	—	0	—	1.0	2
	Kalat †	000 36	0 23 05	98 00 0	982 56	0 0 9 0 0	- - - 62	000 15	0 18 05	98 00 0	996 31	0 0 9 0 0	- - - 29	+ 5	+ 3	0.5	0	10.2	7
	Turbat																		—
	Panjgur *	000 36	0 23 05	97 00 0	996 67	0 0 9 0 0	- - - 70	000 27	0 05 03	97 00 0	019 43	0 0 9 0 0	- - - 39	+ 4	- 2	0	—	3.2	[illegible]
	Las Bela	000 32	0 00 00	99 00 0	139 82	0 0 9 0 0	- - - 87	000 37	0 00 00	98 00 0	172 65	0 0 9 0 0	- - - 46	—	—	0	—	1.7	[illegible]
	Ormara							000 56	0 00 00	96 00 0	171 59	0 0 9 0 0	- - - 56			0	- 0.1	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 40	0 05 02	96 00 0	155 76	0 0 9 0 0	- - - 78	000 37	0 06 00	96 00 0	181 48	0 0 9 0 0	- - - 45	—	—	0	—	9.2	—
	Jacobabad	000 46	0 00 00	97 00 0	152 76	0 0 9 0 0	- - - 79	000 37	0 05 02	97 00 0	183 55	0 0 9 0 0	- - - 50	+ 2	+ 4	0	- 0.7	0.7	[illegible]
	Sukkur	000 49	0 00 00	96 00 0	150 73	0 0 9 0 0	- - - 78	000 45	0 ×× ××	96 00 0	182 53	0 0 9 0 0	- - - 47			0	—	1.0	[illegible]
	Padidan	000 48	0 00 00	98 00 0	147 76	0 0 9 0 0	- - - 77	000 45	0 00 00	98 00 0	180 51	0 0 9 0 0	- - - 45	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 68	0 00 00	99 00 0	134 80	0 0 9 0 0	- - - 84	000 45	0 05 05	98 00 0	172 85	0 0 9 0 0	- - - 62	+ 4	+ 2	0.1	0	1.7	3
	Karachi (*A. P.*)	000 22	0 07 07	98 00 0	138 80	0 0 9 0 0	- - - 83	000 38	0 02 08	98 00 0	175 57	0 0 9 0 0	- - - 52	—	—	0		3.0	—
	Badin	000 43	0 36 02	97 00 0	143 81	0 0 9 0 0	- - - 84							+ 2					[illegible]
	Nagarparkar																		
	Chhor (*Umarkot*)	000 49	0 34 03	97 00 0	138 80	0 0 9 0 0	- - - 84	000 37	0 05 08	97 00 0	161 52	0 0 9 0 0	- - - 49		—	0	—	2.8	—
	Hyderabad	000 46	0 05 03	96 00 0	145 76	0 0 9 0 0	- - - 78	000 43	0 36 05	96 00 0	174 58	0 0 9 0 0	- - - 55	- 2	+ 3	0	- 0.1	2.0	[illegible]
Junagarh	Veraval																		2[illegible]
Afghanistan	Kabul	000 19	8 00 00	99 03 1	083 52	0 0 3 1 -	- - - 59	000 16	6 29 03	98 02 1	036 34	1 7 8 1 0	- - - 29	—	—	0.1	—	10.7	12
	Jalalabad	000 40	0 00 00	97 01 0	011 73	0 0 9 0 4	4 9 × 74							—					—
	Kandahar	000 37	7 00 00	98 02 1	987 62	0 0 9 5 0	- - - 72	000 24	0 00 00	97 00 0	020 32	0 0 9 0 0	- - - 29	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 11TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_mC_a$	$W_1D_sD_mT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	Ndd ff	VVwwW	PPP TT	$N_hC_thC_mC_a$	$W_1D_sD_mT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Arabia	Muscat	—	000 67	5 05 02	99 02 0	184 76	0 0 9 0 2	- - - 77	000 65	0 31 09	99 00 1	172 78	0 0 9 0 0	- - - 78	- 2	+ 2	0	- 0.7	3.3	4
	Bharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	Kuwait	—	000 49	0 29 05	97 00 0	169 67	0 0 9 0 0	- - - 67	000 55	0 29 06	97 00 0	202 59	0 0 9 0 0	- - - 55	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049.-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0900 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_aL_aL_a$	$L_oL_oL_oGG$	N dd ff	VV ww W	PPP TT	$N_hC_thC_mC_a$	$D_sv_sa_{pp}$	S $N_sCh_sh_s$	O $T_sT_sT_dT_d$	$1d_wd_wF_wF_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Karanja	23 232	656 06	0 02 09	99 00 0	193 77	0 9 30	5 6 007	—	0 00 57	1 02 21
Masimpur	23 206	631 06	1 05 07	98 01 0	159 77	11 5 00	7 4 ×××	—	—	1 06 ××
Yenang Yaung	23 162	663 06	8 04 01	98 03 1	152 84	85 5 00	3 4 310	—	0 03 67	1 04 20
Yenang Yaung	23 165	671 12	0 04 01	98 00 0	146 82	00 9 00	3 4 405	—	0 02 63	1 04 20
Jalarajendra	23 081	771 12	2 23 05	98 02 1	179 75	—	—	—	—	—
Masimpur	23 214	634 12	3 06 00	98 03 0	132 96	11 6 00	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			PiPihihihi		TiTiTdiTdiTxi etc.				5555	hihiPiPiPi		TiTiTdiTdiTxi etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Karachi	780 14	011 24	036 60	000 38	230 28	854 96	145 82	700 27	087 02	509 10	599 97	301 47	929 91	555 55	249 00	185 98	668 00	126 57	446 00	005 98	464 00	899 91	793 50	769 90

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	06 05	06 08	08 09	18 05	17 08	—	—	—	—	—	04 13	06 11	10 06	13 05	—	—	09 15	00 14	03 12	11 09	14 03	17 09	—	—
Dhhor	04 06	05 08	05 09	07 09	15 09	19 15	21 22	23 43	23 45	—	—	—	—	—	—	—	10 03	10 02	04 03	24 07	27 03	26 12	24 21	24 49
Chittagong	13 03	15 05	11 11	17 22	16 20	16 16	—	—	—	—	18 06	13 10	13 16	14 25	13 23	13 32	09 15	13 11	14 19	13 21	13 20	16 19	—	—
Cox's Bazar	14 15	14 19	15 20	—	—	—	—	—	—	—	—	—	—	—	—	—	12 13	12 20	13 25	—	—	—	—	—
Dacca	07 06	08 06	09 06	18 10	17 13	—	—	—	—	—	06 09	06 05	11 05	17 03	15 14	—	07 14	07 11	11 05	14 13	15 18	15 08	—	—
Dalbandin	—	—	09 02	23 05	19 09	20 15	21 29	23 27	—	—	—	—	25 05	21 06	22 08	22 12	—	—	07 06	18 06	24 09	26 04	27 21	27 34
Drosh	—	—	—	—	02 11	86 13	17 06	26 26	24 29	27 51	—	—	—	07 03	03 10	03 05	—	—	—	—	03 07	86 18	14 05	—
Fort Sandeman	—	—	—	28 01	27 05	17 09	20 17	21 29	21 42	22 55	—	—	—	—	—	—	—	—	—	24 03	31 07	21 02	21 17	23 37
Jacobabad	05 01	13 01	18 02	04 05	12 10	20 07	21 24	21 45	22 41	22 64	10 01	11 03	10 05	12 03	20 04	03 13	09 03	03 01	86 01	36 03	03 02	19 12	23 24	24 30
Jhelum	18 01	20 04	17 06	10 02	06 02	10 07	29 21	27 21	26 36	25 68	35 02	15 02	12.95	16 06	09 06	10 11	06 05	10 01	11 03	11 05	13 04	18 05	22 20	19 22
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	07 19	07 19	06 09	06 05	18 04	21 13	20 33	23 49	22 69	22 90	05 12	06 08	04 10	02 09	23 08	23 23	04 12	04 10	03 07	03 08	26 07	23 20	25 28	25 51
Khanpur	14 03	03 05	03 06	65 05	07 06	21 12	20 21	21 30	—	—	35 06	07 04	10 03	06 04	27 07	31 15	36 03	07 05	35 04	07 03	35 01	23 11	34 26	24 37
Lahore	29 02	29 04	33 06	33 07	25 03	03 08	28 34	26 28	26 36	25 73	07 06	06 02	08 01	17 01	23 04	17 04	10 04	31 06	31 04	31 04	19 08	21 10	22 23	—
Multan	21 04	19 03	10 03	07 06	09 03	19 04	—	22 25	23 41	—	18 05	17 04	18 05	18 01	30 03	25 09	18 03	15 05	16 03	12 04	01 02	30 07	29 15	27 36
Peshawar	—	16 04	34 05	23 06	09 03	23 03	25 15	25 24	24 33	24 19	—	33 03	31 03	14 03	13 04	09 07	—	35 03	03 03	33 02	34 04	12 08	31 07	21 17
Quetta	—	—	—	—	13 07	18 13	19 21	21 43	—	22 82	—	—	Mo	ascent	—	—	—	—	—	—	12 01	34 01	06 10	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v,)

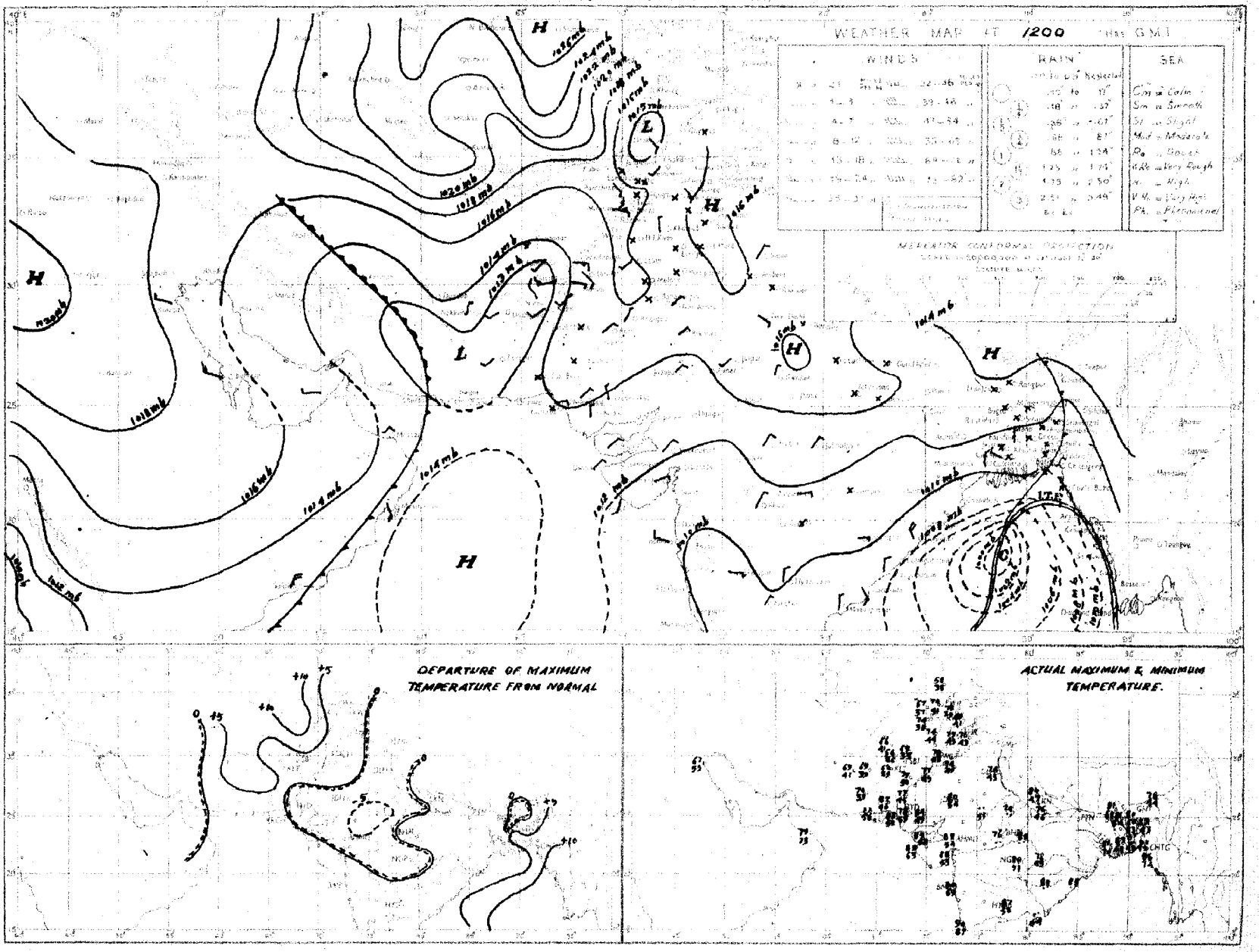
Drosh 51502 41612

*Wind directions are expressed in tens of degrees, counting from North through East and speed in knots.
†The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet

N. P. W.

PAKISTAN DAILY WEATHER MAP

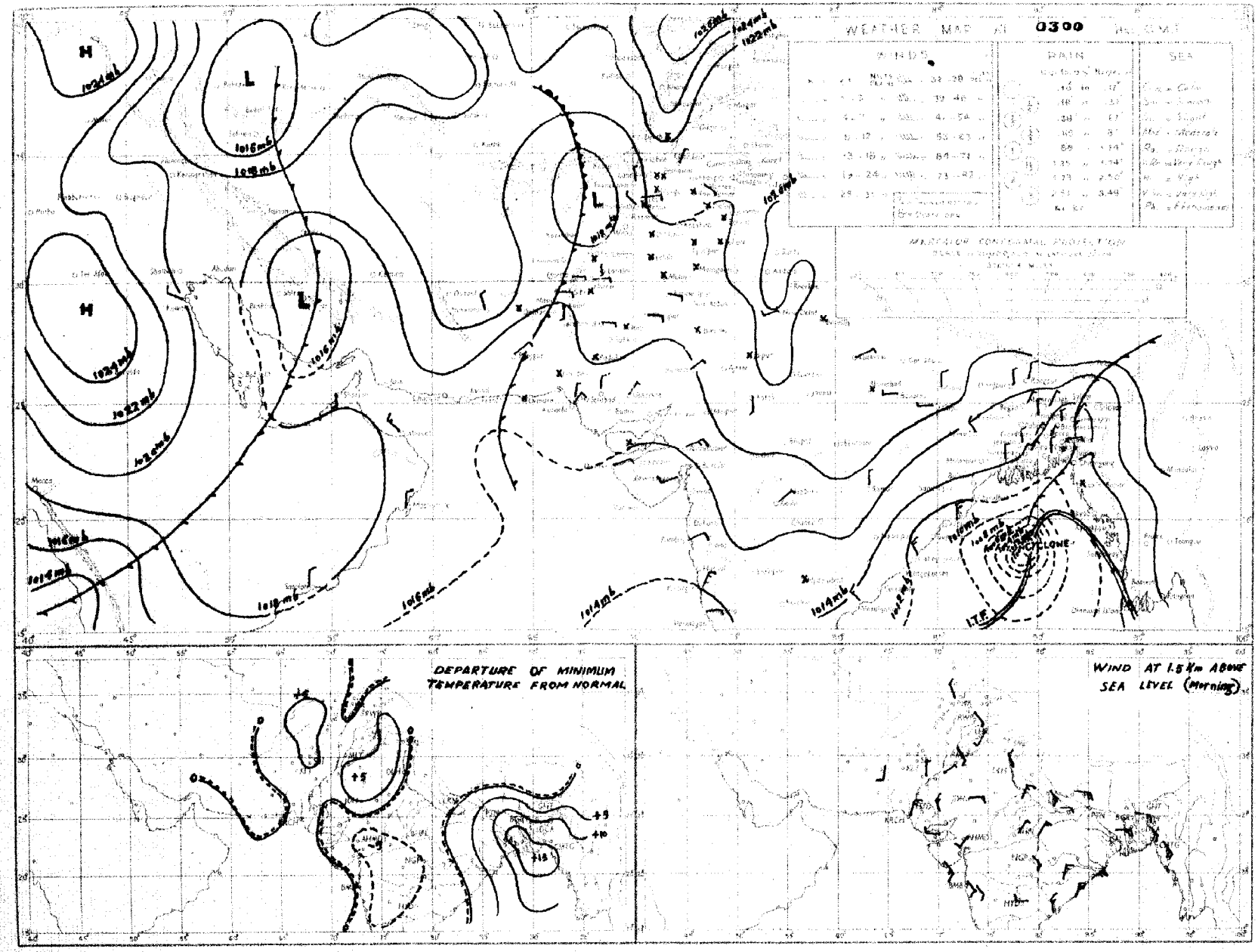
MONDAY 10th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

TUESDAY 11th DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR WEDNESDAY, THE 12th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Cyclonic storm in north Bay of Bengal has weakened and is centred at 0300 G. M. T. today as a deep depression within half degree of latitude 20°N and longitude 89½°E. It is likely to weaken further and move northnortheastwards.

A western disturbance is moving eastwards across extreme north of West Pakistan.

Weather continued to be dry over the country.

Night temperatures were considerably above normal in East Pakistan and appreciably above normal in the plains of Punjab and north Baluchistan.

Forecast valid until the evening of 13th:—Fairly widespread rain/drizzle will occur in East Pakistan. Moderate to strong gusty winds will also prevail in the southern districts of East Pakistan. Weather will be cloudy with scattered rain/drizzle in the upper North-West Frontier Province and Kashmir.

Karachi-11.
The 12th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$ C$_H$	W$_t$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 65	8 00 00	94 03 2	102 80	3 8 5 7 0	8 × 0 87	000 69	8 00 00	97 0 2	116 80	6 8 5 3 0	8 × 0 72	+ 7	+18	0.3	- 3.5	121.7	140
	Chittagong	000 71	7 05 02	96 02 1	102 80	0 0 9 7 0	0 × 9 87	000 65	8 05 02	97 02 5	116 79	8 8 0 × ×	3 × × 72	+ 8	+14	0	- 2.6	134.5	108
	Noakhali	000 72	8 00 00	96 03 1	××× 79	4 1 5 7 0	- - - 90	000 71	8 00 00	94 03 2	××× 74	6 1 5 3 -	- - - 63	+12	+ 4	9.7	- 1 1	—	115
	Comilla	000 75	6 00 00	96 03 1	113 81	8 2 7 2 0	- - - 82	000 73	8 00 00	98 02 2	125 76	8 4 7 - -	- - - 71	+ 3	+16	1.4	- 0 1	132.6	94
	Brahmanbaria	000 72	0 00 00	×× 00 1	114 82	0 0 9 0 0	- - - 86	000 70	5 12 02	97 03 1	112 75	0 0 9 4 0	0 × 6 70	-	-	0.9	- 0.4	66.4	78
	Dacca	××× 71	7 00 00	×× 02 2	101 79	2 5 6 7 0	9 × × 86	××× 71	0 00 00	96 02 2	114 75	3 5 6 7 0	9 × × 68		-		—	—	—
	Narayanganj	000 73	6 00 00	×× 03 2	098 82	1 5 5 2 8	9 0 0 89	000 69	8 00 00	94 03 2	115 77	8 0 6 7 -	9 × 0 70	+11	+13	0.7	- 0.8	89.5	74
	Mymensingh	000 54	8 00 00	98 02 2	123 72	8 4 7 - -	- - - 80	000 67	8 00 00	99 02 2	123 75	8 4 7 - -	- - - 61	+ 3	+ 6	3.0	+ 2.1	64.8	91
	Brimangal	000 71	4 00 00	×× 01 1	118 73	2 2 5 3 1	- - - 84	000 69	8 00 00	96 02 1	121 70	8 5 6 - -	- - - 62	+ 3	+13	1.9	+ 0.3	107.1	98
	Khulna	000 69	4 00 00	96 02 1	106 81	4 8 8 0 0	- - - 87	000 69	6 05 02	97 02 0	123 74	2 5 7 7 0	- - - 70	+ 0	+15	0.8	- 0.5	54.2	68
	Satkhira	000 68	6 00 00	97 03 1	093 75	4 5 7 5 0	- - - 85	000 60	4 05 02	97 03 1	115 71	4 5 7 5 0	- - - 64	+ 5	+11	0.7	- 1.2	45.3	65
	Jessore	000 70	0 00 00	×× 00 1	111 78	0 0 9 0 0	- - - 85	000 67	6 13 03	96 02 2	117 73	0 0 9 8 0	9 × 2 63			1.1	0	47.0	65
	Faridpur	000 73	6 00 00	94 10 1	104 30	2 4 6 9 8	9 0 × 80	000 68	8 05 02	94 03 2	117 73	7 5 6 1 0	9 × × 69	+ 4	+14	1.5	+ 0 3	67.0	71
	Barisal																		81
	Pabna																		59
	Rampu Boalia																		56
	Sirajganj	000 69	8 00 00	×× 02 2	110 77	8 2 6 0 0	- - - 82	000 67	8 00 00	95 02 2	120 70	0 0 9 6 0	0 0 0 68	+ 5	+13	3.3	+ 2.5	69.1	64
	Bogra	000 69	3 00 00	97 01 1	106 80	0 0 9 0 1	- - - 85	000 63	7 05 03	96 03 1	128 70	0 0 9 7 0	- - - 65	+ 8	+10	2.0	+ 1.1	47.0	69
	Dinajpur	000 60	0 00 00	×× 00 0	112 73	0 0 9 0 0	- - - 85	000 54	0 00 00	96 00 1	146 70	0 0 9 0 0	1 0 0 60	+ 8	+ 9	0.6	+ 0 2	49.2	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	- - - —	000 ××	1 07 02	98 02 1	— —	0 0 9 1 0	1 0 0 —	—		1.2	+ 0 7	80.4	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Miagar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 48	0 00 00	95 00 0	165 67	0 0 9 0 0	- - - 74	000 41	3 00 00	94 42 4	170 43	0 0 9 0 5	3 0 0 43	+ 4	+ 2	0.4	+ 0.2	10.5	13
	Lahore	000 54	0 00 00	95 05 0	169 66	0 0 9 0 0	- - - 73	000 43	1 00 00	×× 40 4	162 45	0 0 9 0 2	3 0 0 44	0	+ 4	1.5	+ 1.1	16.0	19
	Sialkot	000 50	0 00 00	97 00 0	169 63	0 0 9 0 0	- - - 71	000 40	0 00 00	97 00 0	175 51	0 0 9 0 0	- - - 46	+ 1	+ 4	1.9	+ 1 6	20.7	32
	Jhelum	000 49	0 00 00	97 00 0	177 63	0 0 9 0 0	- - - 68	000 41	0 00 00	97 00 0	178 48	0 0 9 0 0	- - - 40	-	-	1.9	-	28.5	—
	Rawalpindi	000 61	0 00 00	99 00 0	167 61	0 0 9 0 0	- - - 71	000 37	0 00 00	99 00 0	207 37	0 0 9 0 0	- - - 36	+ 3	- 1	2.1	+ 1.6	27.9	26
	Murree †	000 16	0 13 03	98 00 0	984 46	0 0 9 0 0	- - - 54	000 10	0 09 03	98 00 0	972 42	0 0 9 0 0	- - - 39	+ 5	+ 4	2.6	+ 1.4	47.7	59
	Attock	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	92 00 0	— —	0 0 9 0 0	- - - —	—	—	—			—
	Khushab	000 48	0 36 02	99 00 0	168 70	0 0 9 0 0	- - - 72	000 40	0 29 05	99 00 0	181 46	0 0 9 0 0	- - - 42	- 1	0	0.6	+ 0.4	8.5	15
	Montgomery	000 57	0 00 00	96 00 0	170 69	0 0 9 0 0	- - - 74	000 45	0 00 00	96 00 0	173 47	0 0 9 0 0	- - - 45	+ 1	+ 2	1.1	+ 1.0	7.2	10
	Lailah	000 48	0 18 02	97 00 0	165 74	0 0 9 0 0	- - - 75	000 40	0 00 00	97 00 0	185 45	0 0 9 0 0	- - - 41			0.4	—	6.9	8
	Multan	000 44	0 36 02	97 00 0	166 71	0 0 9 0 0	- - - 75	000 42	0 00 00	96 00 0	185 50	0 0 9 0 0	- - - 46	+ 3	+ 3	0	- 0.1	6.9	7
	Khanpur							000 43	0 02 05	95 10 0	178 47	0 0 9 0 0	- - - 45		+ 1	0.1	0	2.1	6
	Bahawalpur	000 50	0 00 00	97 00 0	158 71	0 0 9 0 0	- - - 75	000 45	0 05 02	97 00 0	174 46	0 0 9 0 0	- - - 46	+ 1	+ 3	0.1	0	4.5	6
	Fort Abbas	000 56	0 05 02	96 00 0	158 70	0 0 9 0 0	- - - 74	000 26	0 23 02	96 00 0	178 53	0 0 9 0 0	- - - 39	—	—	1.3	-	5.8	8
N. W. F. P.	Drosh *	000 49	8 00 00	93 03 1	021 56	0 0 9 7 4	3 6 4 00	000 10	0 00 00	99 00 0	055 40	0 0 9 0 0	- - - 36	+10	+ 1	1.1	-	28.8	18
	Chakdara	000 41	2 25 03	99 03 1	185 54	2 0 6 3 0	2 9 × 67	000 33	0 00 00	98 00 0	197 38	0 0 9 0 0	- - - 36		-	1.2	—	21.5	—
	Cherat *	000 34	0 18 04	97 00 0	033 54	0 0 9 0 0	- - - 62	000 28	0 36 14	98 00 0	017 50	0 0 9 0 0	- - - 43	+ 7	0	2.8	+ 2.0	31.7	29
	Peshawar	000 44	2 00 00	96 02 4	181 61	0 0 9 4 0	- - - 67	000 31	1 20 03	97 03 1	189 45	0 0 9 0 1	- - - 42	0	+ 1	0 8	+ 0.3	9.9	14
	Parachinar	000 19	1 15 02	99 01 1	086 54	0 0 9 3 0	2 × 7 60	000 18	1 36 02	99 01 1	073 88	0 0 9 3 0	2 × 6 35	+ 5	+ 3	1.0	-	29.5	29
	Miranshah	000 32	0 13 01	99 00 0	018 63	0 0 9 0 0	- - - 65	000 25	0 36 01	99 00 0	011 41	0 0 9 0 0	- - - 39	—	—	0.5	+ 0.3	11.0	13
	Bannu	000 41	0 18 02	99 00 0	173 64	0 0 9 0 0	- - - 70	000 28	0 27 02	99 00 0	180 48	0 0 9 0 0	- - - 42	—	—	0.5		6.3	11
	D. I. Khan	000 46	0 00 00	94 00 0	177 69	0 0 9 0 0	- - - 74	000 41	0 00 00	94 00 0	186 43	0 0 9 0 0	- - - 42	+ 1	+ 2	0	- 0 2	2.8	9
	Wana																		11
	Landikotal	000 32	2 00 00	99 02 1	017 54	0 0 9 9 0	- - - 65												—
	Hangu	××× ××	0 00 00	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—		—
	Thull	××× ××	0 27 00	99 00 0	— —	0 0 9 0 0	- - - ××	××× ××	0 00 00	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	-	-	—
BALUCHISTAN	Fort Sandeman*	000 08	0 23 03	97 05 0	007 64	0 0 9 0 0	- - - 66							+ 8					11
	Hindubagh	000 14	0 23 08	98 00 0	970 56	0 0 9 0 0	- - - 63	000 27	0 00 00	98 00 0	988 32	0 0 9 0 0	- - - 28		—	0		9.0	—
	Loralai	000 29	0 00 00	96 00 0	008 57	0 0 9 0 0	- - - 64	000 18	0 13 08	96 00 0	03 34	0 0 9 0 0	- - - 32	—	—	0.1	—	18.6	—
	Harnai (a)	000 ××	0 23 03	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —	—	—	0.1	- 0 3	10.7	14
	Sibi	000 37	0 13 05	99 00 0	146 77	0 0 9 0 0	- - - 78	000 32	0 00 00	98 00 0	176 55	0 0 9 0 0	- - - 51	0	—	0	—	3.8	5
	Quetta †	000 25	0 34 07	98 00 0	970 57	0 0 9 0 0	- - - 59	000 23	0 00 00	98 00 0	966 27	0 0 9 0 0	- - - 24	—	—	0.1	- 0.6	9.4	9
	Chaman	000 29	0 31 03	97 00 0	021 59	0 0 9 0 0	- - - 63	000 28	0 11 02	97 00 0	0 3 41	0 0 9 0 0	- - - 40	+ 6	+ 3	0	- 1.0	9.6	8
	Nushki	000 30	0 25 01	96 00 0	047 65	0 0 9 0 0	- - - 67	000 33	0 02 07	96 00 0	048 51	0 0 9 0 0	- - - 44	—	—	0	—	5.4	—
	Dalbandin *	000 41	0 23 03	96 00 0	017 63	0 0 9 0 0	- - - 71	000 20	0 00 00	96 00 0	024 44	0 0 9 0 0	4 × 6 41	+ 8	+ 4	0	- 0.2	1.8	4
	Nokundi	000 28	0 34 02	99 00 0	137 71	0 0 9 0 0	- - - 73	000 17	0 34 02	99 00 0	198 46	0 0 9 0 0	- - - 43	—	—	0	—	1.0	2
	Kalat †	000 23	0 31 05	98 00 0	979 52	0 0 9 9 0	- - - 58	000 28	0 18 05	98 00 0	991 28	0 0 9 0 0	- - - 26	+ 3	0	5 5	0	10.2	7
	Turbat																		—
	Panjgur *	000 38	0 23 02	97 00 0	003 58	0 0 9 0 0	- - - 76	000 24	0 05 07	97 00 0	020 43	0 0 9 0 0	- - - 40	+11	- 1	0	0	3.2	5
	Las Bela	000 42	0 00 00	99 00 0	147 84	0 0 9 0 0	- - - 86	000 37	0 00 00	98 00 0	176 65	0 0 9 0 0	- - - 45		—	0	—	1.7	8
	Ormara	000 73	0 18 05	97 00 0	142 77	0 0 9 0 0	- - - 77	000 60	0 00 00	96 00 0	160 64	0 0 9 0 0	- - - 61		-	0	- 0.1	2.1	6
	Pasni	000 68	0 23 07	98 00 0	144 77	0 0 9 0 0	- - - 82							+ 5					6
	Jiwani																		4
SIND	Reti	000 38	0 05 02	96 00 0	164 74	0 0 9 0 0	- - - 74	000 38	0 36 03	96 00 0	171 46	0 0 9 6 0	- - - 43	—	—	0	—	9.2	—
	Jacobabad	000 43	0 29 01	98 00 0	158 75	0 0 9 0 0	- - - 77	000 37	0 27 02	97 10 0	176 51	0 0 9 0 0	- - - 49	+ 2	+ 3	0	- 0.1	0.7	4
	Sukkur	000 48	0 ×× ××	96 00 0	152 74	0 0 9 0 0	- - - 80	000 42	0 ×× ××	96 00 0	175 55	0 0 9 0 0	- - - 49			0	—	1.0	4
	Padidan							000 45	0 00 00	98 00 0	170 48	0 0 9 0 0	- - - 45		-	0	-	0.5	—
	Karachi (*Manora*)	000 [illegible]	0 25 05	99 00 0	141 76	0 0 9 0 0	- - - 83	000 45	0 05 05	98 00 0	165 65	0 0 9 0 0	- - - 62	+ 4	+ 2	0.1	0	1.7	3
	Karachi (*A. P.*)	000 [illegible]	0 23 07	97 00 0	141 80	0 0 9 0 0	- - - 85	000 42	0 02 02	96 00 0	170 57	0 0 9 0 0	- - - 58	—	-	0		3.0	—
	Badin	000 47	0 36 02	97 00 0	135 81	0 0 9 0 0	- - - 86	000 40	0 36 02	97 00 0	158 52	0 0 9 0 0	- - - 47	+ 5	- 4	0.9	+ 0 7	7.8	9
	Nagarparkar																		—
	Ohthor (*Umarkot*)	000 43	0 00 00	97 00 0	136 79	0 0 9 0 0	- - - 82	000 35	0 00 00	97 00 0	158 53	0 0 9 0 0	- - - 48	—		0		2.8	—
	Hyderabad	000 47	0 05 03	96 00 0	158 77	0 0 9 0 0	- - - 72	000 42	0 36 03	96 00 0	174 57	0 0 9 0 0	- - - 55	0	+ 3	0	- 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 17	0 02 03	98 02 1	012 55	0 0 2 2 0	- - - 53	000 25	4 28 03	99 02 1	010 36	1 7 8 3 0	- - - 29	—	—	0.1	—	10.7	13
	Jalalabad	000 40	3 00 03	97 01 1	014 64	0 0 9 7 0	9 × 2 66	000 25	0 00 00	97 00 1	019 46	0 0 9 4 0	9 × × 44	—	—	0.1	—	7.3	—
	Kandahar	000 34	0 00 00	98 00 0	003 66	0 0 9 0 0	- - - 68	000 28	0 00 00	97 00 0	028 32	0 0 3 0 0	- - - 20	—	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 12TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_sD_wT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	Ndd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_sD_wT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st Nov. '51 to date	Departure from normal	Since 1st Jan. '51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
Arabia	Muscat	—	000 65	4 31 02	99 01 2	150 75	0 0 9 2 0	0 × 7 79	000 66	6 27 02	99 03 2	164 74	0 0 9 2 0	0 × 6 71	+ 1	+ 1	0	− 0.7	3.8
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 59	0 29 03	97 00 0	185 57	0 0 9 0 0	− − − 67	000 51	0 27 03	97 00 0	212 57	0 0 9 0 0	− − − 51	—	—	0	—	1.5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ spp	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Yenang Yaung	33 132	692 06	8 05 01	98 02 0	147 86	30 6 40	3 4 506	—	0 09 71	1 05 20
British Marquis	33 193	719 12	0 01 05	99 00 0	180 81	00 9 00	1 5 303	—	0 51 67	1 01 21
British Marquis	33 917	708 18	0 01 02	98 00 0	139 78	00 9 00	7 4 003	—	0 53 64	1 06 20
Barr	33 249	649 18	0 24 05	99 00 0	176 77	00 9 00	2 5 300	—	0 91 63	1 24 xx
Circassia	33 209	617 12	3 02 05	99 02 1	148 76	31 5 00	—	—	—	—
Yenang Yaung	33 124	699 12	0 03 01	98 02 0	114 84	11 5 00	3 4 322	—	0 04 66	1 05 20
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			PzPhzhzhz		TzTzTdzTdzTxz etc.				5555		hthtPtPtPt		TtTtTdtTdtTxt etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Karachi	780 14	012 24	148 60	000 42	231 07	855 01	165 00	700 84	076 82	599 21	619 94	301 33	929 94	555 55	349 00	195 24	678 00	135 77	456 00	009 91	475 97	009 90	474 00	739 91

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars hhh—Height in thousands, hundreds and tens of feet.
nh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	03 06	04 06	08 03	27 02	21 06	19 12	—	—	—	—	21 03	20 03	22 02	30 05	19 08	—	01 03	36 06	03 07	24 02	20 03	—	—	
Dhhor	31 03	35 03	36 02	34 04	23 08	24 18	26 27	27 49	—	—	—	—	—	—	—	—	03 08	01 10	01 11	35 04	30 04	24 23	24 27	25 38
Chittagong	09 08	11 07	12 13	14 20	13 17	—	—	—	—	—	08 08	06 05	12 07	03 13	—	—	05 11	05 09	13 07	16 13	—	—	—	—
Cox's Bazar	13 15	13 20	13 31	13 31	—	—	—	—	—	—	14 22	14 21	14 25	—	—	—	15 15	15 19	14 23	—	—	—	—	—
Dacca	06 07	07 08	07 07	12 10	13 16	17 18	20 11	—	—	—	36 07	30 05	30 03	16 05	—	—	02 07	32 05	24 04	07 01	16 04	—	—	—
Dalbandin	—	—	—	08 02	24 04	23 07	24 08	26 22	28 39	28 45	—		07 05	13 04	02 03	31 14	—	—	06 01	32 04	30 05	33 08	30 17	
Drosh	—	—	—		02 03	21 05	14 09	21 19	21 27	—	—		—	25 01	10 02	17 06	—	—	—	—	36 35	01 15	03 05	17 13
Fort Sandeman	—			27 07	21 09	19 10	22 13	—	—	—			—		—	—				27 03	34 05	32 05	22 14	—
Jacobabad	33 01	09 03	05 04	10 03	22 12	25 17	26 29		—		06 07	07 04	05 02	15 02	33 06	30 05	19 11	06 03	33 01	05 04	35 05	29 02	27 16	—
Jhelum	14 01	14 02	10 47	15 07	23 04	23 05	25 12	22 28	23 32	23 51	34 04	35 06	07 06	11 03	31 02	21 06	29 02	34 11	35 11	04 03	05 04	29 02	19 15	23 17
Jiwani		—			—										—			—		—				
Karachi	36 03	05 04	04 06	04 07	26 10	24 23	27 33	26 45	27 53	26 70	06 10	07 06	13 03	33 06	29 09	23 14	04 15	03 09	35 03	34 07	05 06	24 22	23 35	27 52
Khanpur	05 03	06 05	07 07	14 13	18 11	23 18	23 25	24 35	25 51	—	04 09	05 05	05 05	01 01	22 03	25 04	07 11	05 20	03 08	13 03	09 02	23 04	27 21	25 33
Lahore	31 02	09 03	01 03	21 05	17 07	23 05	21 20	23 33	22 42	—	32 06	32 11	34 10	34 07	35 05	22 07	31 05	31 08	31 03	16 03	12 03	22 13	23 07	27 24
Multan	03 01	10 01	11 05	11 05	09 01	23 12	23 23	—	—	—	08 06	08 10	03 05	04 04	36 04	—	02 05	02 07	03 09	04 05	03 08	20 06	34 13	22 10
Peshawar	—	05 04	35 02	13 03	19 04	21 04	22 13	21 25	23 18		—	29 03	01 03	02 03	23 03	20 03	—	27 01	23 04	33 10	36 03	02 05	27 02	
Quetta	—	-			17 01	21 07	24 18	25 29	27 37	28 49	-	—	No	ascent	—	—	—	—			30 02	27 11	22 35	-
Bushire	—	-				—		-	-	-	—	-	-		—						—		—	—
Sharjah	—	-				—						-												

Cloud Observation Data (iiiGG Cddv, v,)

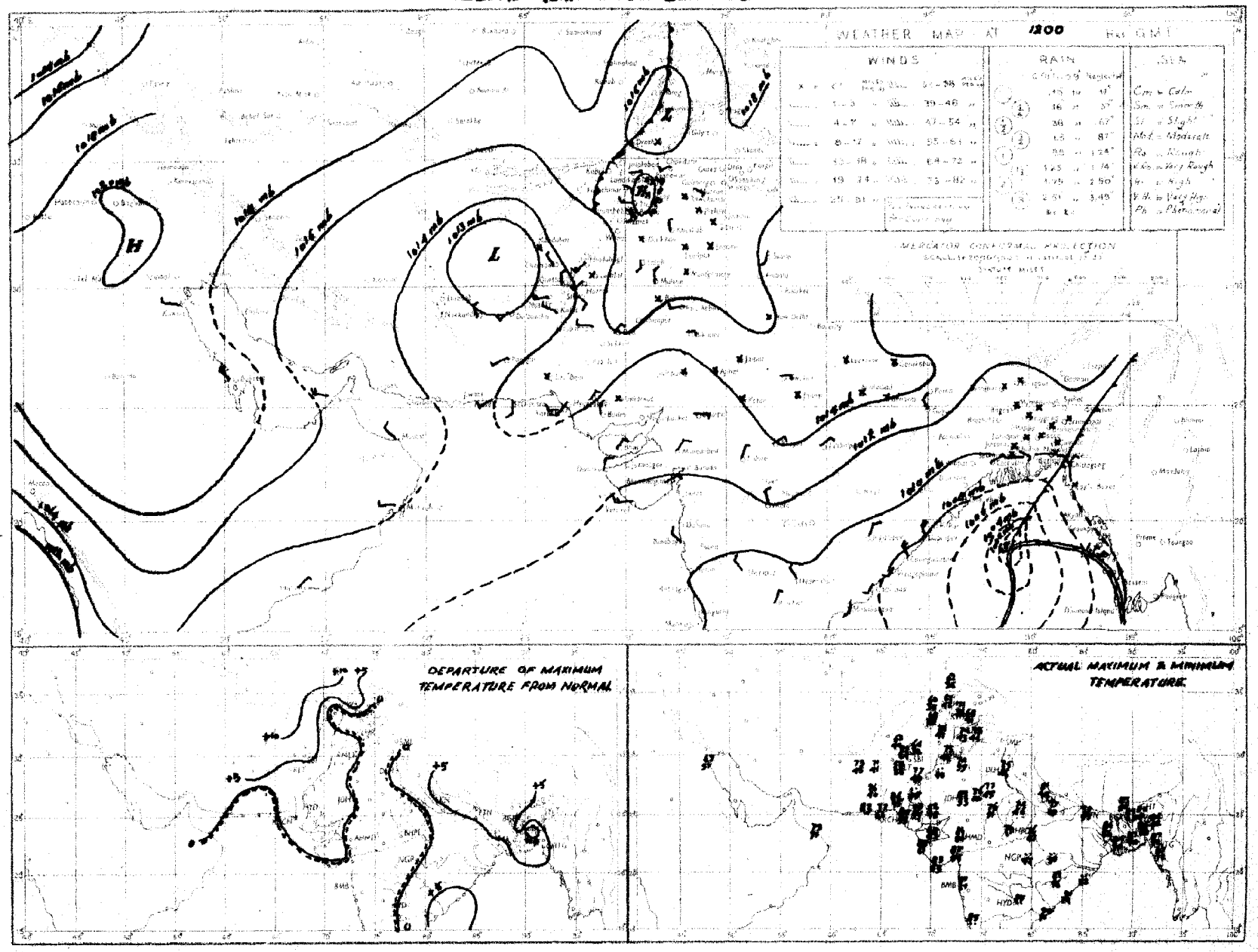
Chittagong 94909 41610

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3 0.4, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, k.m. The levels given at the head of the columns are the nearest approximate levels in thousands of feet

N. P. W.

PAKISTAN DAILY WEATHER MAP

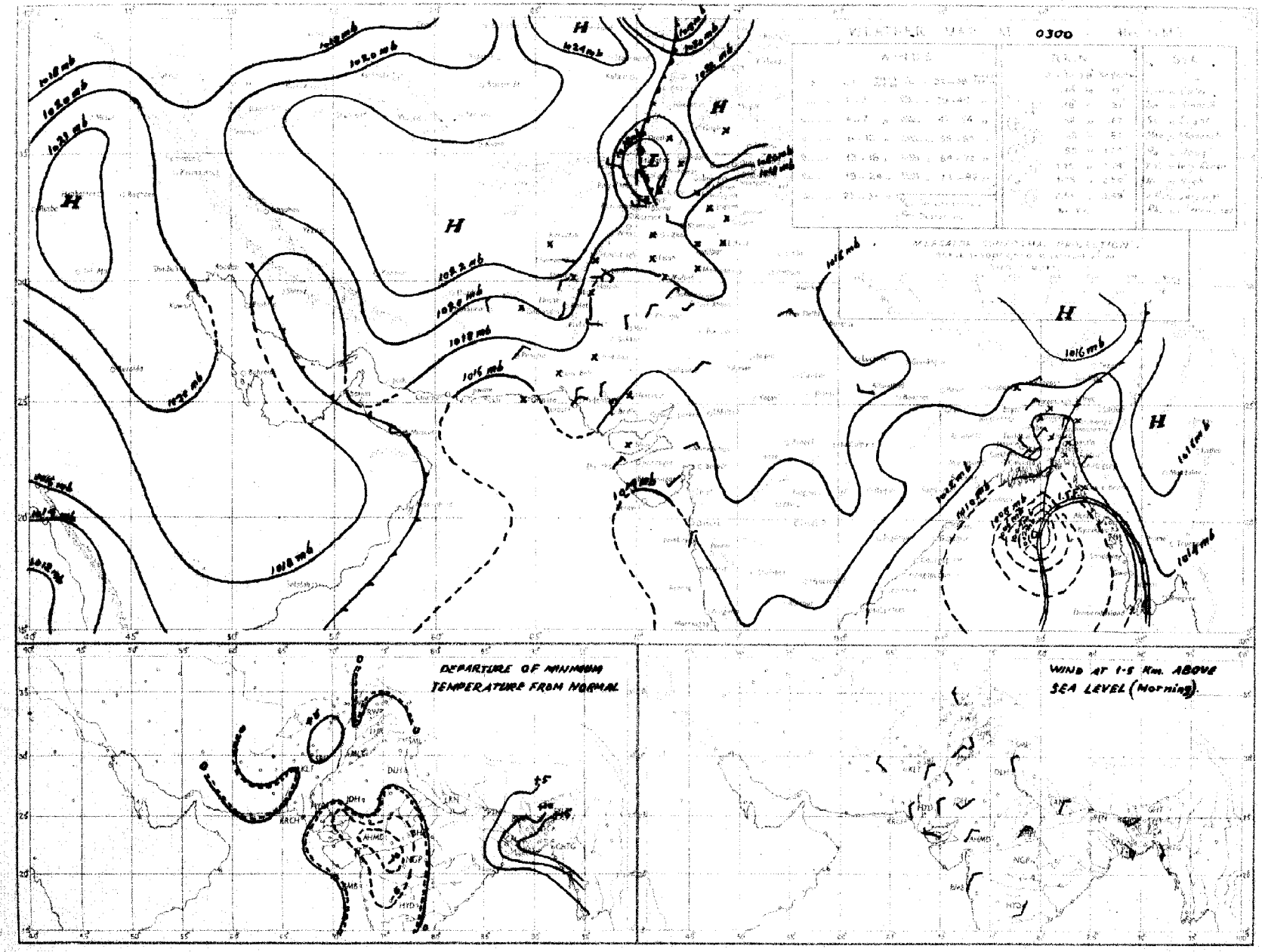
TUESDAY 11th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 12.14. DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 13th DECEMBER, 1951

(*Published by the authority of the Government of Pakistan*).

Summary of observations recorded at 0300 hrs. G. M. T.

Deep depression in north Bay of Bengal has weakened into a trough.

A western disturbance is affecting the extreme north of West Pakistan.

Isolated rain/drizzle has occurred in southeastern districts of East Pakistan. Cox's Bazar reported ½" of rain.

Night temperatures were considerably above normal in East Pakistan and appreciably above normal in the North-West Frontier Province.

Forecast valid until the evening of 14th :—Weather will be cloudy with scattered rain/drizzle in the southern districts of East Pakistan, Kashmir and the North-West Frontier Province. Morning mist/fog will occur along Sind-Mekran coast.

Karachi-11.
The 13th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTr	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTr	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 69	8 18 03	93 03 5	100 75	6 6 5 2 6	2 × 0 88	045 71	8 00 00	96 01 6	115 84	2 8 5 2 0	0 0 0 71	+ 8	+12	0.7	− 3.1	122.2	140
	Chittagong	000 59	8 14 02	96 02 1	097 77	8 8 6 0 0	0 × × 85	000 71	8 05 02	96 02 1	116 77	8 8 6 0 0	9 2 1 72	+ 6	+14	0	− 2.6	134.5	108
	Noakhali	000 67	8 00 00	97 03 1	××× 79	5 2 5 2 ×	− − − 90	000 69	5 36 02	94 01 2	××× 74	2 1 5 4 0	− − − 63	+12	+ 4	0.7	− 1.1	—	115
	Comilla	000 73	7 00 00	96 02 2	082 80	7 4 7 0 0	− − − 80	000 70	4 00 00	98 01 1	118 76	2 2 7 0 2	− − − 70	+ 1	+15	1.4	− 0.1	132.6	94
	Brahmanbaria	000 72	0 00 00	×× 00 1	091 82	0 0 9 0 0	− − − 85	000 67	0 00 00	97 00 1	122 79	0 0 9 0 0	− − − 69			0.9	− 0.5	66.4	78
	Dacca	0 0 71	6 00 00	×× 01 1	081 77	2 5 6 4 1	3 × × 85	××× 69	0 00 00	97 00 1	117 74	0 0 9 0 0	− − − 64		−			—	
	Narayanganj	000 69	5 00 00	×× 01 2	076 80	0 0 9 0 1	9 0 × 86	000 65	1 36 02	95 01 1	110 75	0 0 9 0 1	9 0 × 67	+10	+10	0.7	− 0.3	89.5	74
	Mymensingh	000 71	8 00 00	99 02 2	100 80	8 4 7 − −	− − − 86	000 69	0 00 00	98 00 0	128 75	0 0 9 0 0	− − − 65	+ 9	+10	3.0	+ 2.1	64.8	91
	Brimongal	000 71	5 00 00	×× 01 1	089 73	0 0 9 3 1	− − − 85	000 70	2 25 02	96 02 1	124 76	0 0 9 3 1	2 5 65	+ 4	+14	1.9	+ 0.3	107.1	98
	Khulna	000 68	7 05 02	96 03 1	095 77	7 8 7 − −	− − − 86	000 63	0 31 02	97 00 0	128 76	0 0 9 0 0	− − − 70	+ 8	+15	0.8	− 0.5	54.2	68
	Satkhira	000 67	4 30 12	97 03 1	112 78	4 5 7 5 0	− − − 85	000 66	0 36 02	98 00 0	127 70	0 0 9 0 0	− − − 68	+ 5	+15	0.7	− 1.2	45.8	65
	Jessore	000 73	0 00 00	×× 00 1	089 80	0 0 9 0 0	− − − 87	000 62	0 34 03	97 00 0	113 72	0 0 9 0 0	− − − 64			1.1	0	47.0	65
	Faridpur	000 73	7 00 00	95 05 1	086 80	6 4 6 1 0	9 × × 81	000 71	0 05 02	94 10 0	117 72	0 0 9 0 0	9 × × 64	+ 5	+ 9	1.5	+ 0.2	67.0	71
	Barisal	000 71	8 05 02	97 02 2	090 79	5 5 2 − −	− − − 86	000 68	5 36 03	98 01 1	116 75	3 5 5 5 0	− − − 70	+ 8	+14	1.2	− 0.6	74.7	81
	Pabna																		58
	Rampo Boalia																		56
	Sirajganj	000 68	8 00 00	×× 02 2	081 77	0 0 9 8 6	− − − 81	000 65	1 31 02	98 01 1	126 71	1 6 2 0 0	− − − 65	+ 4	+10	3.3	+ 2.5	69.1	64
	Bogra	000 74	7 00 00	95 03 2	089 79	3 5 6 7 0	− − − 85	000 63	1 05 02	96 01 0	127 71	3 0 9 0 1	− − − 63	+ 8	+ 6	2.0	+ 1.1	47.0	69
	Dinajpur	000 62	0 00 00	×× 00 0	118 77	0 0 9 0 0	− − − 85	000 57	0 00 00	96 00 0	149 69	0 0 9 0 0	− − − 56	+ 8	+ 5	0.6	+ 0.2	49.2	72
	Rangpur	000 ××	6 00 00	×× 02 1	— —	0 0 9 1 0	− − − −	000 ××	0 09 02	98 02 1	— —	0 0 9 0 0	− − − −			1.2	+ 0.7	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Aliabad																		
PUNJAB	Lyallpur	000 43	2 00 00	96 01 0	129 67	0 0 9 0 3	− − − 71	000 40	3 18 02	92 42 4	147 41	0 0 9 0 3	3 0 0 41	+ 1	0	0.4	+ 0.2	10.5	13
	Lahore	000 53	0 00 00	96 00 0	132 66	0 0 9 0 0	− − − 72	000 39	0 00 00	94 10 0	149 44	0 0 9 0 0	− − − 40	− 1	0	1.3	+ 1.1	14.0	19
	Sialkot	000 50	0 00 00	97 00 0	128 65	0 0 9 0 0	− − − 69	000 44	0 00 00	96 05 0	149 47	0 0 9 0 0	− − − 44	− 1	+ 2	1.9	+ 1.6	20.7	32
	Jhelum	000 47	0 00 00	96 00 0	138 65	0 0 9 0 0	− − − 71	000 38	0 00 00	96 00 0	160 43	0 0 9 0 0	− − − 39	—	—	1.9		28.5	
	Rawalpindi	000 43	0 00 00	99 00 0	135 61	0 0 9 0 0	− − − 72	000 35	0 00 00	97 10 1	171 39	0 0 9 0 0	− − − 37	+ 4	0	2.1	+ 1.5	27.9	36
	Murree †	000 26	0 13 03	98 00 0	955 45	0 0 9 0 0	− − − 54	000 09	0 11 05	98 00 0	949 43	0 0 9 0 0	− − − 40	+ 5	+ 5	2.6	+ 1.4	47.7	59
	Attock	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	− − − —	××× ××	0 18 02	96 00 0	— —	0 0 9 0 0	− − − —		—				
	Chenab	000 46	0 00 00	99 00 0	128 71	0 0 9 0 0	− − − 75	000 39	1 16 02	99 01 1	146 44	0 0 9 0 3	− − − 41	+ 2	− 1	0.6	+ 0.4	8.8	15
	Montgomery	000 5	0 00 00	97 00 0	135 71	0 0 9 0 0	− − − 73	000 47	0 00 00	96 00 0	152 47	0 0 9 0 0	− − − 44	0	+ 1	1.1	+ 0.9	7.2	13
	Lyallpur	000 41	0 00 00	97 00 0	125 74	0 0 9 0 0	− − − 76	000 39	0 00 00	97 00 0	152 45	0 0 9 0 0	− − − 2			0.4		8.9	5
	Multan	000 49	0 00 00	97 00 0	140 72	0 0 9 0 0	− − − 78	000 45	0 00 00	96 00 0	157 51	0 0 9 0 0	− − − 44	+ 4	+ 1	0	− 0.1	6.9	7
	Khanpur	000 48	0 00 00	95 04 0	134 74	0 0 9 0 0	− − − 75	000 39	0 18 02	95 04 0	143 49	0 0 9 0 0	− − − 45	− 1	+ 1	0.1	0	2.1	6
	Bahawalpur	000 52	0 00 00	97 00 0	132 69	0 0 9 0 0	− − − 74	000 41	0 11 02	97 00 0	146 48	0 0 9 0 0	− − − 44	0	+ 1	0.1	0	4.5	6
	Fort Abbas	000 56	0 05 02	96 00 0	138 70	0 0 9 0 0	− − − 74												8
N. W. F. P.	Drosh *	000 16	8 00 00	98 02 1	999 53	5 5 6 7 −	− − − 57	000 21	6 00 00	98 02 2	009 45	2 5 7 6 0	− − − 40	+ 3	+ 5	1.1	−	28.8	18
	Chakdara	000 41	0 23 02	99 00 0	121 59	0 0 9 0 0	− − − 66	000 31	0 02 03	98 00 0	183 36	0 0 9 0 0	− − − 33			1.2	−	21.5	
	Cherat *	000 21	0 36 07	97 00 0	996 54	0 0 9 0 0	− − − 70	000 26	0 36 05	98 00 0	002 43	0 0 9 0 0	− − − 42	+15	− 1	2.8	+ 1.9	31.7	29
	Peshawar	000 43	1 00 00	96 02 1	136 62	1 1 7 0 0	− − − 72	000 31	3 18 03	96 02 1	164 44	0 5 × 40	+ 5	− 1	0.8	+ 0.3	9.9	14
	Parachinar	000 17	3 13 04	99 01 1	958 56	0 0 9 3 0	2 × 7 60	000 21	2 05 02	99 01 1	960 37	2 0 0 25	+ 5	+ 3	1.0		29.5	29
	Miranshah	000 34	0 01 01	99 00 0	951 64	0 0 9 0 0	− − − 77	000 25	0 00 00	99 00 0	981 44	0 0 9 0 0	− − − 40	−	−	0.5	+ 0.2	11.0	13
	Bannu	000 7	0 00 00	99 00 0	126 68	0 0 9 0 0	− − − 70	000 38	0 00 00	99 00 0	155 41	0 0 9 0 0	− − − 41	−	−	0.5		6.3	11
	D. I. Khan	000 46	0 00 00	6 00 0	127 69	0 0 9 0 0	− − − 74	000 38	0 00 00	94 00 0	163 43	0 0 9 0 0	− − − 43	+ 1	+ 2	0	− 0.2	2.8	9
	Wana																		11
	Landikotal	000 25	0 00 00	99 00 0	984 53	0 0 9 0 0	− − − 62	000 25	0 00 00	99 00 0	992 36	0 0 9 0 0	− − − 32		−	0.9	−	12.8	
	Bangu	××× ××	0 02 02	99 00 0	— —	0 0 9 0 0	− − − —	××× ××	1 00 00	99 00 1	— —	0 0 9 0 2	9 × × —	—	—	—	—		
	Thall	××× ××	0 23 00	99 00 0	— —	0 0 9 0 9	− − − —	××× ××	0 00 00	99 00 0	— —	0 0 9 0 0	− − − —	—	—	—	—		
BALUCHISTAN	Fort Sandeman*	000 25	0 00 00	97 05 0	968 61	0 0 9 0 0	− − − 65	000 23	0 18 03	98 05 0	994 45	0 3 9 0 0	− − − 37	+ 7	+ 3	0.3	0	10.3	11
	Hindubagh	000 21	0 27 09	98 00 0	956 52	0 0 9 0 0	− − − 60	000 25	0 28 09	98 00 0	946 40	0 0 9 0 0	− − − 33			0		9.0	
	Loralai	000 25	0 23 02	96 00 0	012 57	0 0 9 0 0	− − − 64	000 26	0 27 02	96 00 0	011 37	0 0 9 0 0	− − − 32	−		0.1	−	18.6	
	Harnai (a)	000 ××	0 27 02	96 00 0	— —	0 0 9 0 0	− − − —	000 ××	0 09 02	96 00 0	—	0 0 9 0 0	− − − —			0.1	− 0.3	10.7	14
	Sibi	000 41	0 23 05	99 00 0	134 74	0 0 9 0 0	− − − 76	000 39	0 23 05	98 00 0	147 49	0 0 9 0 0	− − − 47			0	−	3.5	5
	Quetta †	000 28	0 36 05	98 00 0	957 53	0 0 9 0 0	− − − 55	000 33	0 00 00	92 47 4	952 35	0 0 9 0 0	− − − 26			0.1	− 0.7	9.4	9
	Chaman	000 18	31 05	97 00 0	012 50	0 0 9 0 0	− − − 42	000 22	0 11 02	97 00 0	029 40	0 0 9 0 0	− − − 38	+ 5	+ 1	0	− 1.1	9.6	8
	Nushki	000 37	20 05	97 00 0	964 64	0 0 9 0 0	− − − 67	000 32	0 09 02	98 00 0	049 44	0 0 9 0 0	− − − 42			0	−	5.4	
	Dalbandin *	000 41	1 00 00	96 01 1	017 68	0 0 9 4 0	− − − 71	000 27	0 00 00	96 00 0	010 40	0 0 9 0 0	− − − 36	+ 8	− 1	0	− 0.2	1.8	4
	Nokundi	000 43	2 29 02	99 03 0	131 73	0 0 9 0 2	0 9 × 74	000 12	0 34 02	99 00 0	195 45	0 0 9 0 0	− − − 42			0	−	1.0	2
	Kalat †	000 25	0 31 05	98 00 0	973 49	0 0 9 0 0	− − − 54	000 18	0 18 05	98 00 0	975 24	0 0 9 0 0	− − − 23	− 1	− 3	0.5	0	10.2	7
	Turbat																		
	Panjgur *	000 31	0 23 02	97 00 0	994 18	0 0 9 0 0	− − − 71	000 26	0 05 07	97 00 0	016 42	0 0 9 0 0	− − − 37	+ 6	− 4	0	−	3.2	5
	Las Bela	000 42	0 00 00	99 00 0	125 84	0 0 9 0 0	− − − 87	000 37	0 00 00	98 00 0	172 65	0 0 9 0 0	− − − 46	−	−	0	−	1.7	8
	Ormara	000 69	0 15 05	96 00 0	128 79	0 0 9 0 0	− − − 79	000 59	0 31 02	96 00 0	145 53	0 0 9 0 0	− − − 53	−	−	0	− 0.1	3.1	6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 38	0 21 03	96 00 0	147 74	0 0 9 0 0	− − − 77	000 35	0 18 03	96 00 0	148 46	0 0 9 0 0	− − − 43	−	−	0	−	9.2	
	Jacobabad	000 43	0 27 02	97 00 0	139 74	0 0 9 0 0	− − − 76	000 41	0 27 02	95 10 1	148 40	0 0 9 0 0	− − − 48	+ 1	+ 2	0	− 0.1	0.7	4
	Sukkur	000 46	0 ××× ××	96 00 0	122 73	0 0 9 0 0	− − − 80	000 40	0 ××× ××	93 12 0	146 51	0 0 9 0 0	− − − 50		−	0	−	1.0	4
	Padidan	000 4	0 00 00	98 00 0	128 75	0 0 9 0 0	− − − 75	000 40	0 00 00	98 00 0	148 47	0 0 9 0 0	− − − 44	—	−	0	−	0.9	
	Karachi (*Manora*)	000 51	0 27 09	99 00 0	131 76	0 0 9 0 0	× 0 1 84	000 55	4 00 00	98 03 1	141 64	4 8 5 0 0	− − − 63	+ 5	+ 3	0.1	− 0.1	1.7	3
	Karachi (*A. P.*)	000 57	0 25 09	98 00 0	129 79	0 0 9 0 0	− − − 83	000 51	2 36 02	98 03 0	143 59	1 1 6 6 9	− − − 57	—	−	0		3.0	
	Badin	000 44	0 31 02	97 00 0	128 79	0 0 9 0 0	− − − 82	000 43	0 05 00	97 00 0	134 55	0 0 9 0 0	− − − ××	+ 1	−	0.9	+ 0.7	7.8	9
	Nagarparkar																		
	Chor (*Umarkot*)	000 53	0 34 05	98 00 0	120 77	0 0 9 0 0	− − − 81	000 38	0 00 00	97 00 0	148 50	0 0 9 0 0	− − − 46		−	0		2.3	
	Hyderabad	000 46	0 26 03	96 00 0	133 76	0 0 9 0 0	− − − 78	000 42	0 00 00	95 05 0	146 52	0 0 9 0 0	− − − 51	− 1	− 1	0	− 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 16	1 02 02	97 01 0	093 50	0 0 9 3 1	− − − 56												12
	Jalalabad	000 51	2 05 02	97 03 0	011 65	0 5 9 0 4	− − − 67	000 27	2 00 00	97 01 1	016 38	0 0 9 7 0	3 × 9 44	−	−	0.1	−	7.3	
	Kandahar	000 34	0 23 05	98 00 0	987 62	0 0 9 0 0	− − − 68							−					

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 13TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_hC_thC_MC_H$	$W_1D_sD_wT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_hC_thC_MC_H$	$W_1D_sD_wT_xT_x$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Norms
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Chabbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arabia	Muscat	—	000 67	0 21 02	99 00 1	152 76	0 0 9 0 0	× 0 0 76	000 58	0 22 09	99 00 0	157 78	0 0 9 0 0	- - - 72	- 2	+ 2	0	- 0 8	5.3
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 60	0 00 00	97 00 0	188 65	0 0 9 0 0	× 0 0 67	000 55	0 20 03	97 00 0	168 59	0 0 9 0 0	- - - 52	—	—	0	—	1.5

* Barometer readings reduced to 1 geodynamic Kilometre (3,850-3,856 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049.-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	S N, $Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Rijukerk	43 191	592 06	3 02 05	99 03 0	172 77	31 5 00	1 5 115	—	0 52 63	1 02 x0
Yenang Yaung	43 104	721 06	3 05 01	98 02 0	128 86	35 6 09	3 4 305	—	0 04 74	1 05 29
City of Barcelone	43 164	627 06	0 04 09	99 00 0	145 80	00 9 00	3 4.406	—	0 51 63	1 04 75
British Marquis	43 206	682 06	0 04 13	99 02 0	156 81	00 9 00	7 4 123	—	0 01 54	1 04 22
Massijnderk	43 201	605 12	3 02 09	99 02 0	172 77	32 5 00	1 5 611	—	0 00 66	1 02 x0
British Marquis	43 211	678 12	0 03 11	99 02 0	130 77	00 9 00	7 4.505	—	0 51 57	1 03 x2
City of Barcelona	43 170	639 12	3 04 09	99 03 0	128 83	22 6 62	2 4 202	—	0 03 68	1 04 45
Nadir	43 236	672 12	0 00 00	98 02 0	147 76	00 9 00	3 4.300	8 0 000	0 05 65	1 13 2[illegible]
Yenang Yaung	43 101	7-1 12	3 02 01	98 02 0	096 84	32 5 00	3 4.200		0 02 71	1 0[illegible] 59
Nadir	43 205	680 18	0 04 09	98 02 0	155 76	00 9 00	3 4 110	8 0 000	0 00 59	1 03 [illegible]
Cilicia	43 163	702 18	0 36 05	99 00 0	138 79	00 9 00	6 6 115	—	0 55 63	
British Marquis	43 216	661 18	0 36 09	99 00 0	151 74	00 9 00	7 4 120	—	0 54 57	1 04 21
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo	TdoTdoTxoX1X2		PiPthihihi		T1T1TdrTdrTx1 etc.		5555		hrhrPrPrPr		TrTrTdrTdrTx1 etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi —	780 14	011 23	149 60	000 87	231 89	854 99	195 96	700 21	507 88	508 90	639 94	585 55	319 93	235 88	340 00	225 87	678 00	105 88	046 98	517 42	176 00	029 94	436 00	529 97	4 [illegible] 00

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hp—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	35 07	01 01	36 11	26 05	21 10	22 14	—	—	—	—	28 17	35 16	36 09	21 04	—	—	01 18	36 18	35 15	21 04	22 10	31 13	28 21	27 31
Dhhor	01 06	35 09	34 07	24 04	24 14	24 29	25 52	25 59	—	—	—	—	—	—	—	—	03 09	36 07	31 10	32 15	34 11	27 13	29 24	28 25
Chittagong	20 10	19 05	16 04	12 04	—	—	—	—	—	—	03 05	04 05	07 07	—	—	—	05 06	04 08	04 12	05 15	09 12	—	—	—
Cox's Bazar	12 04	12 11	14 16	13 17	13 18	14 17	—	—	—	—	11 15	21 19	13 18	—	—	—	08 15	—	—	—	—	—	—	—
Dacca	35 03	33 07	32 05	33 03	16 07	—	—	—	—	—	—	—	—	—	—	—	02 10	35 04	32 05	01 09	03 11	—	—	—
Dalbandin	—	—	07 02	29 04	32 05	30 07	28 15	28 27	27 39	—	—	—	11 04	09 05	20 04	27 13	—	—	07 04	01 09	35 17	31 14	—	—
Drosh	—	—	—	—	03 07	35 13	15 13	—	—	—	—	—	—	—	—	—	—	—	—	—	03 06	43 09	15 08	—
Fort Sandeman	—	—	—	27 03	33 02	30 04	32 15	25 35	—	—	—	—	—	—	—	—	—	—	—	30 00	27 03	30 13	35 15	26 23
Jacobabad	18 03	12 04	12 05	34 04	01 04	35 06	32 18	27 30	30 32	25 51	07 03	28 05	29 07	33 11	31 07	30 13	29 06	28 06	35 08	35 09	31 03	27 08	27 18	—
Jhelum	32 03	30 04	32 06	22 03	11 01	17 04	17 13	29 21	23 37	—	01 03	33 05	29 02	18 05	17 03	18 03	05 03	32 01	08 05	14 05	11 07	03 01	17 10	25 15
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	03 02	33 03	31 04	30 04	36 04	30 07	26 29	26 48	26 78	26 96	29 10	29 11	27 08	30 07	35 17	32 10	28 10	26 15	36 14	30 07	32 10	28 18	28 28	—
Khanpur	06 04	04 06	04 07	36 03	30 03	26 06	24 21	24 25	25 55	26 85	28 03	28 06	29 07	30 04	32 05	31 07	19 10	34 11	24 10	29 05	30 04	30 03	30 11	27 37
Lahore	29 02	29 0[illegible]	29 06	21 04	20 05	21 09	20 11	23 24	24 41	25 62	29 04	30 03	30 04	33 03	17 03	15 04	30 04	36 06	36 06	01 03	34 04	15 01	22 05	29 09
Multan	02 01	10 01	11 01	35 03	33 03	34 08	23 17	23 37	—	—	30 06	19 07	23 05	26 04	34 03	01 04	15 03	18 05	18 03	09 02	33 03	01 08	30 09	27 15
Peshawar	—	11 01	33 03	26 01	16 02	20 06	21 26	21 29	23 40	24 60	—	07 02	10 02	19 03	34 01	08 06	—	25 04	31 03	01 03	35 07	35 02	30 03	25 12
Quetta	—				31 09	30 07	27 13	29 29	35 54	25 78		—	No	ascent	—	—	—	—			34 07	31 17	30 03	—
Bushire	—					—					—	—			—						—	—		—
Sharjah	—					—																		

Cloud Observation Data (iiiGG Cddv, v_r)

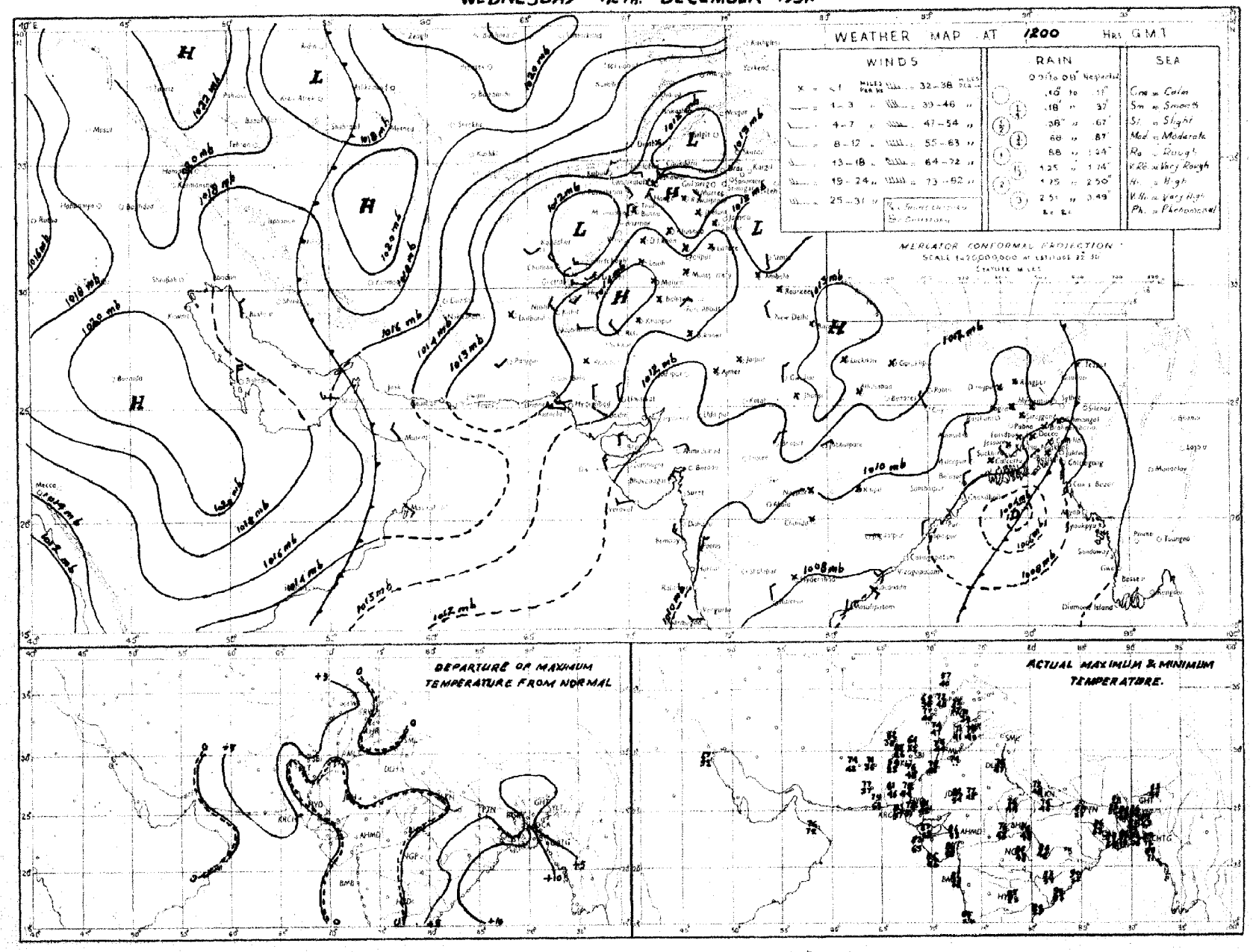
Drosh 51503 61509
Peshawar 53002 12510

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.3 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

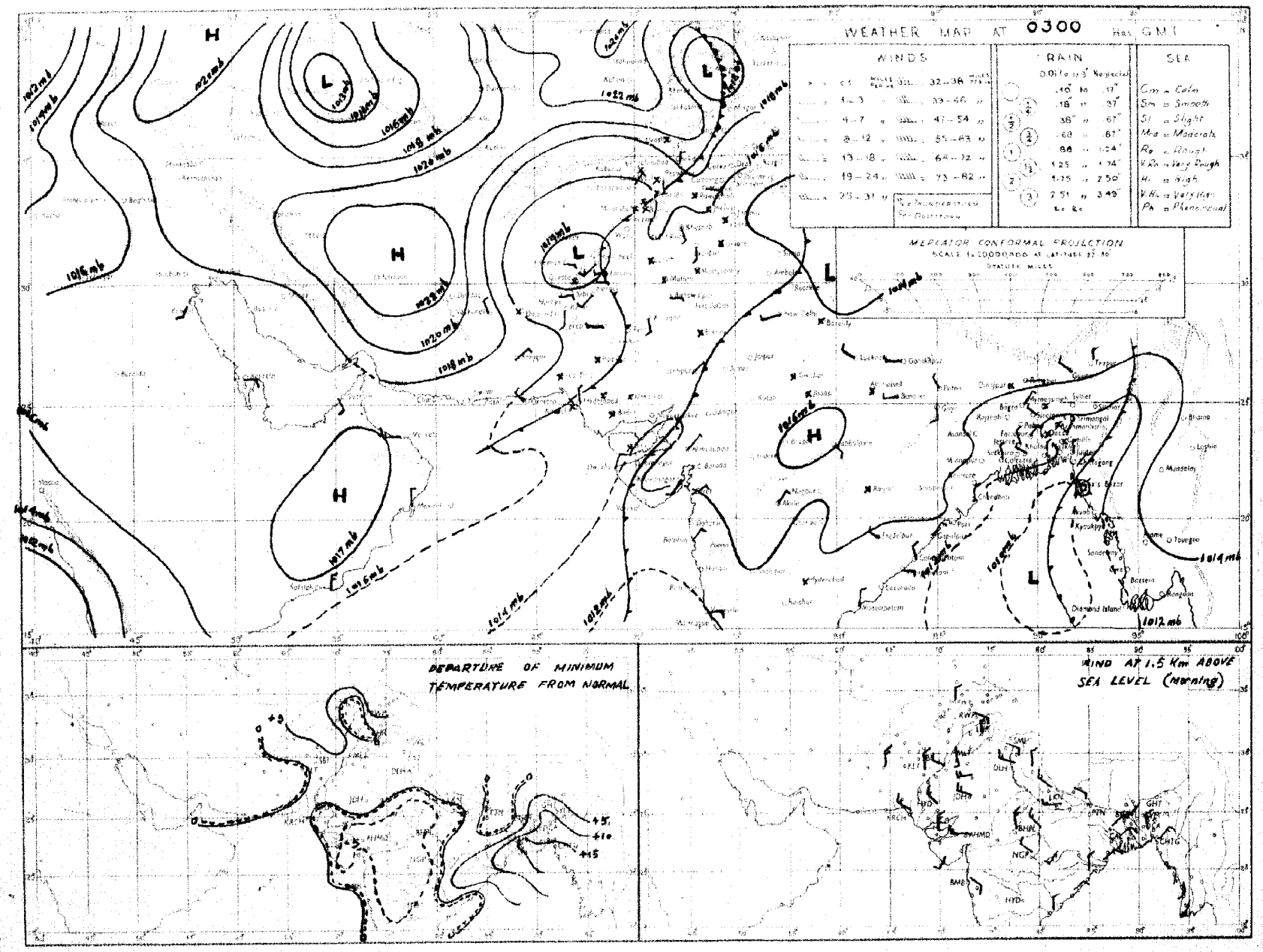
WEDNESDAY 12th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 13th. DECEMBER. 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 14th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The trough of low in north Bay of Bengal has moved inland in northeasterly direction.

A western depression lies over southeast Turkey and adjoining Syria, with its associated trough over south Iraq. The system is moving eastnortheastwards.

Weather remained dry over the country.

Night temperatures were markedly to considerably above normal in East Pakistan and appreciably to markedly below normal in Baluchistan.

Forecast valid until the evening of 15th :—Weather will be dry over the country.

Karachi-11.
The 14th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRT$_g$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_c$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 69	4 00 00	94 02 2	090 77	2 4 5 0 1	8 0 × 80	000 69	1 00 00	97 01 1	134 80	1 6 6 0 0	8 × × 70	0	+11	0.7	- 3.1	122.2	140
	Chittagong	000 69	8 00 00	96 02 1	095 77	4 8 6 7 0	0 × 9 81	000 71	4 02 02	97 02 1	133 80	0 0 9 7 0	0 × 9 70	+ 2	+12	0	- 2.7	134.5	108
	Noakhali	000 71	5 00 00	97 02 1	xxx 81	4 2 5 1 0	- - - 90	000 60	5 36 02	94 0	× xxx 71	2 1 5 4 -	- - - 62	+12	+ 3	0.7	- 1 1	—	115
	Comilla	000 72	0 36 02	96 00 1	102 79	0 0 9 0 0	- - - 80	000 61	1 36 05	98 01 1	135 71	1 1 7 0 0	- - - 65	+ 1	+10	1.4	- 0.2	132.6	94
	Brahmanbaria	000 73	0 00 00	xx 00 0	094 80	0 0 9 0 0	- - - 85	000 61	0 36 02	97 00 1	146 77	0 0 9 0 0	- - - 66	—	—	0.9	- 0.5	66.4	78
	Dacca	xxx 62	2 36 02	xx 02 2	092 74	0 0 9 4 0	7 × × 86	xxx 56	0 36 05	96 00 1	140 73	0 0 9 0 0	9 × × 61	—	—	-	-	—	—
	Narayanganj	000 64	0 00 00	xx 00 1	089 76	0 0 9 0 0	9 × × 88							+10					74
	Mymensingh	000 66	0 00 00	99 00 0	100 77	0 0 9 3 0	- - - 8.	000 67	0 00 00	99 00 0	135 75	0 0 9 0 0	- - - 61	+ 8	+ 6	3.0	+ 2.1	64.8	91
	Srimangal	000 71	1 00 00	xx 01 1	093 72	0 9 9 0 1	- - - 85	000 77	2 00 00	96 02 1	142 74	0 0 9 3 6	- - - 59	+ 4	+10	1.9	+ 0.3	107.1	98
	Khulna	000 70	1 00 00	97 01 0	105 76	1 8 8 0 0	- - - 85	000 58	3 05 03	97 02 0	151 76	3 8 8 0 0	- - - 66	- 3	+11	0.8	- 0.5	54.2	68
	Satkhira	000 72	3 00 00	97 00 1	092 74	2 5 7 5 0	- - - 85	000 71	4 05 02	97 03 1	137 72	3 5 7 5 0	- - - 64	+ 5	+11	0.7	- 1.2	45.3	65
	Jessore	000 61	0 00 00	xx 00 0	113 74	0 0 9 0 0	- - - 84												65
	Faridpur							000 61	2 02 02	95 05 0	144 71	0 0 9 0 8	9 × × 63		+ 8	1.5	+ 0.3	67.0	71
	Barisal	000 69	7 34 02	97 02 1	090 81	5 5 5 2 -	- - - 85	000 57	5 36 07	98 01 1	141 75	1 5 6 5 0	- - - 68	+ 7	+12	1.2	- 0.6	74.7	81
	Pabna																		59
	Rangpur Boalia																		60
	Sirajganj	000 61	0 00 00	xx 00 0	093 78	0 0 9 0 0	- - - 74	000 59	0 31 03	98 06 0	152 69	0 0 9 0 0	- - - 61	- 3	+ 6	3.3	+ 2.5	69.1	64
	Bogra	000 60	1 00 00	96 01 0	094 78	0 0 9 0 1	- - - 86	000 59	0 31 02	96 00 0	151 69	0 0 9 0 0	- - - 60	- 9	+ 5	2.0	+ 1.1	47.0	69
	Dinajpur	000 58	0 00 00	xx 00 0	103 73	0 0 9 0 0	- - - 84	000 63	0 00 00	96 00 0	169 66	0 0 9 0 0	- - - 53	+ 7	+ 2	0.6	+ 0.2	49.2	72
	Rangpur	000 xx	0 00 00	xx 00 1	— —	0 0 9 0 0	- - - —	000 xx	0 00 00	98 00 1	— —	0 0 9 0 0	- - - —	-		1.2	+ 0.7	80.4	84
KASHMIR	Srinagar †																		—
	Gulmerg †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Miagar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 47	0 00 00	96 00 0	124 67	0 0 9 0 0	- - - 73	000 42	0 00 00	92 41 4	171 48	0 0 9 0 0	1 0 0 42	+ 8	+ 1	0.4	+ 0.2	10.5	12
	Lahore	000 52	0 00 00	96 00 1	126 69	0 0 9 0 0	6 × × 73	000 39	0 00 00	94 10 0	176 45	0 0 9 0 0	- - - 40	0	0	1.3	+ 1.1	16.0	19
	Sialkot	000 50	0 00 00	97 00 0	123 63	0 0 9 0 0	- - - 60	000 42	1 00 00	97 02 0	177 53	0 0 8 8 0	- - - 44	- 1	+ 2	1.9	+ 1.6	20.7	22
	Jhelum	000 45	0 00 00	96 00 1	128 63	0 0 9 0 0	- - - 70	000 41	3 00 00	95 10 1	183 43	0 0 9 0 1	- - - 39	—	—	1.9	—	28.6	—
	Rawalpindi	000 45	0 00 00	99 00 0	106 60	0 0 9 0 0	- - - 70	000 37	0 31 02	96 05 1	206 39	0 0 9 0 0	- - - xx	+ 2	—	2.1	+ 1.5	27.9	36
	Murree †	000 22	2 13 03	98 01 1	947 44	0 0 9 8 0	5 × 0 52	000 20	1 09 03	98 01 1	965 39	0 0 9 0 4	- - - 36	+ 3	+ 1	2.6	+ 1.3	47.7	59
	Attock	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	96 00 0	— —	0 0 9 0 0	- - - —	—	—				—
	Khushab	000 48	0 31 05	99 00 0	126 67	0 0 9 0 0	- - - 73	000 37	0 07 05	99 00 0	177 44	0 0 9 0 0	- - - 40	0	- 2	0.6	+ 0.4	8.6	15
	Montgomery	000 57	0 00 00	96 00 0	125 71	0 0 9 0 0	- - - 74	000 43	0 27 02	96 00 0	175 47	0 0 9 0 0	- - - 42	+ 1	- 1	1.1	+ 0.9	7.2	10
	Leiah	000 50	0 05 02	97 00 0	126 73	0 0 9 0 0	- - - 73	000 42	0 00 00	97 00 0	185 44	0 0 9 0 0	- - - 41	—	—	0.4	—	6.9	8
	Multan	000 51	0 00 00	97 00 0	127 71	0 0 9 0 0	- - - 75	000 43	0 00 00	94 40 0	182 41	0 0 9 0 0	- - - 46	+ 3	+ 3	0	- 0.2	6.9	7
	Khanpur	000 48	0 23 02	95 04 0	118 74	0 0 9 0 0	- - - 77	000 39	0 00 00	95 10 0	171 53	0 0 9 0 0	- - - 42	+ 1	- 2	0.1	- 0.1	2.1	6
	Bahawalpur	000 54	0 00 00	96 00 0	122 13	0 0 9 0 0	- - - 73	000 40	0 11 03	97 00 0	182 49	0 0 9 0 0	- - - 46	+ 4	+ 3	0.1	0	4.6	6
	Fort Abbas	000 58	0 13 02	96 00 0	121 70	0 0 9 0 0	- - - 74												8
N. W. F. P.	Drosh *	000 0	7 07 02	98 02 0	982 56	7 5 7 2 0	- - - 58	000 19	0 00 00	99 00 0	952 41	0 0 9 0 0	- - - 38	+ 6	+ 3	1.1		23.8	18
	Chakdara	000 43	0 00 00	99 00 0	117 59	0 0 9 0 0	- - - 67	000 32	0 00 00	98 00 0	205 37	0 0 9 0 0	- - - 35	—	—	1.2	—	21.5	—
	Cherat *	000 34	0 27 02	97 00 0	990 55	0 0 9 0 0	- - - 60	000 23	0 36 07	98 00 0	015 50	0 0 9 0 0	- - - 48	+ 5	0	2.8	+ 1.9	31.7	30
	Peshawar	000 40	3 00 00	96 02 1	136 59	1 1 7 0 1	1 5 0 69	000 31	0 20 02	97 00 0	193 40	0 0 9 0 0	- - - 37	+ 2	- 4	0.8	+ 0.3	9.9	14
	Parachinar	000 15	0 00 00	98 02 2	952 50	2 1 7 6 3	4 0 0 56	000 15	0 00 00	99 00 1	969 38	0 0 9 0 0	8 × × 34	+ 1	+ 2	1.0		29.5	20
	Miranshah	000 34	5 13 03	98 02 1	092 60	5 0 6 4 3	- - - 65	000 27	0 05 03	99 00 0	001 45	0 0 9 0 0	- - - 42	-	-	0.5	+ 0.2	11.0	13
	Bannu	000 38	0 00 00	99 00 0	125 64	0 0 9 0 0	- - - 70	000 35	0 00 00	99 00 0	207 44	0 0 9 0 0	- - - 41	—	—	0.5		6.3	11
	D. I. Khan	000 47	0 00 00	96 00 0	126 68	0 0 9 0 0	- - - 74	000 36	0 00 00	94 00 0	179 43	0 0 9 0 0	- - - xx	+ 1	—	0	- 0.2	2.3	8
	Wana																		11
	Landikotal	000 27	3 00 00	99 02 1	979 54	3 9 6 0 0	- - - 60	000 23	0 00 00	99 00 1	015 40	0 0 9 0 0	- - - 34		—	0.9	—	12.8	—
	Hangu	xxx xx	2 16 02	99 01 1	— —	0 0 9 4 0	9 × 9 —	xxx xx	0 00 00	99 00 1	— —	0 0 9 0 0	- - - —	—	—		—		—
	Thull	xxx xx	2 27 05	98 00 0	— —	2 8 7 0 0	0 0 × —	xxx xx	0 00 00	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—			—
BALUCHISTAN	Fort Sandeman*	000 29	00 00	97 05 0	978 60	0 0 9 0 0	- - - 61	000 26	0 00 00	97 05 0	037 38	0 0 9 0 0	- - - 34	+ 3	0	0.3	0	10.3	11
	Hindubagh	000 19	1 69 05	97 02 1	956 50	1 1 8 9 0	- - - 56	000 23	0 31 18	98 00 0	090 23	0 0 9 0 0	- - - 27			0		9.0	—
	Loralai	000 29	0 00 00	98 00 0	012 57	0 0 9 0 0	- - - 68	000 17	0 13 05	98 00 0	065 30	0 0 9 0 0	- - - 34	—		0.1	—	18.6	—
	Harnai (a)	000 xx	0 27 02	98 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 09 02	98 00 0	— —	0 0 9 0 0	- - - —			0.1	- 0.4	10.7	14
	Sibi	000 37	0 23 05	98 00 0	108 76	0 0 9 0 0	- - - 80	000 37	0 00 00	96 00 0	168 48	0 0 9 0 0	- - - 47			0	-	3.2	5
	Quetta †	000 92	0 34 10	99 00 0	951 62	0 0 9 0 0	- - - 53	000 22	0 13 02	99 0. 0	061 27	0 0 9 0 0	- - - 20			0.1	- 0.7	9.4	9
	Chaman	000 22	0 27 02	97 00 0	004 55	0 0 9 0 0	- - - 59	000 16	0 11 02	97 00 0	039 38	0 0 9 0 0	- - - 36	+ 2	- 1	0	- 1.1	9.4	8
	Nushki	000 41	0 29 05	97 00 0	030 63	0 0 9 0 0	- - - 64	000 29	0 07 14	98 00 0	072 42	0 0 9 0 0	- - - 42		—	0		5.4	—
	Dalbandin *	000 37	0 05 05	96 00 0	007 65	0 0 9 0 0	- - - 67	000 26	0 00 00	96 00 0	016 57	0 0 9 0 0	- - - 33	+ 4	- 4	0	- 0.2	1.8	4
	Nokkundi	000 37	0 34 02	99 00 0	132 70	0 0 9 0 0	- - - 71	000 10	0 34 05	99 00 0	205 41	0 0 9 0 0	- - - 40	—	—	0		1.0	1
	Kalat †	000 22	0 34 05	98 00 0	962 47	0 0 9 0 0	- - - 49	000 17	0 18 05	98 00 0	98 20	0 0 9 0 0	- - - 10	- 6	- 7	0.5	- 0.1	10.2	7
	Turbat																		—
	Panjgur *	000 22	0 31 09	97 00 0	994 64	0 0 9 × ×	- - - 66	000 10	0 05 05	97 00 0	015 38	0 0 9 0 0	- - - 33	+ 1	- 8	0	—	3.2	5
	Las Bela	000 46	0 00 00	99 00 0	116 83	0 0 9 0 0	- - - 87	000 32	0 00 00	98 00 0	170 64	0 0 9 0 0	- - - 51	—	—	0	—	1.7	8
	Ormara																		6
	Pasni																		8
	Jiwani																		4
SIND	Keti	000 41	0 31 07	96 00 0	118 75	0 0 9 0 0	- - - 78	000 33	0 36 02	96 00 0	169 43	0 0 9 0 0	- - - 41	—	—	0	—	9.2	—
	Jacobabad	000 42	0 27 05	97 00 0	119 77	0 0 9 0 0	- - - 79	000 43	0 05 02	97 00 0	169 51	0 0 9 0 0	- - - 46	+ 4	0	0	- 0.1	0.7	4
	Sukkur	000 45	0 xx xx	96 00 0	115 74	0 0 9 0 0	- - - 81	000 47	0 xx xx	96 00 0	165 54	0 0 9 0 0	- - - 50	—	—	0	—	1.6	4
	Padidan	000 45	0 00 00	96 00 0	119 78	0 0 9 0 0	- - - 78	000 41	0 00 00	98 00 0	167 48	0 0 9 0 0	- - - 45	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 54	0 25 05	99 00 0	111 77	0 0 9 0 0	- - - 80	000 45	0 02 05	97 00 0	153 63	0 0 9 0 0	- - - 61	+ 1	+ 1	0.1	- 0.1	1.7	3
	Karachi (*A. P.*)	000 61	0 20 07	97 00 1	110 79	0 0 9 0 0	- - - 84	000 43	0 00 00	97 00 0	156 56	0 0 9 0 0	- - - 54	—		0		2.0	—
	Badin	000 39	0 36 02	97 00 0	114 84	0 0 9 0 0	- - - 86	000 45	0 00 00	97 00 0	165 55	0 0 9 0 0	- - - 53	+ 4	+ 2	0.9	+ 0.7	7.8	9
	Nagarparkar																		—
	Chhor (*Umarkot*)	000 56	0 00 00	97 00 0	109 78	0 0 9 0 0	- - - 82	000 39	0 00 00	97 00 0	154 56	0 0 9 0 0	- - - 49		—	0	—	2.8	—
	Hyderabad	000 47	0 05 03	96 00 0	113 77	0 0 9 0 0	- - - 81	000 45	0 00 00	96 00 0	160 58	0 0 9 0 0	- - - 52	+ 2	0	0	- 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 45	6 00 00	97 03 1	010 82	0 0 9 5 0	3 × 9 45	000 22	0 16 03	99 00 0	004 36	0 0 9 0 0	- - - 25	—	—	0.1	—	10.7	18
	Jalalabad																		—
	Kandahar																		—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 14TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1 D_s D_M T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1 D_s D_M T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Arabia	Muscat	000 63	0 31 09	99 00 0	143 76	0 0 9 0 0	- - - 76	000 37	0 23 02	99 00 0	162 69	0 0 9 0 0	- - - 62	- 2	- 8	0	- 0 3	3.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8
	Kuwait	000 60	0 11 03	97 00 0	132 69	0 0 9 0 0	- - - 73	000 49	7 23 09	97 03 1	115 64	0 0 9 0 4	- - - 58	—	—	0.2	—	1.7	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s C_h h_s$	O $T_s T_s T_d T_d$	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	53 179	686 00	3 36 05	82 03 0	117 78	31 4 00	6 6 305	—	0 56 62	—
Circassia	53 237	672 06	0 09 01	99 00 0	158 75	00 8 00			—	—
Nadir	53 205	692 06	0 06 10	98 00 0	157 77	00 9 00	3 4 100	8 0 000	0 53 71	1 35 23
British Marquis	53 228	637 06	2 23 09	99 01 1	102 79	22 5 00	7 4 325	—	0 01 64	1 33 23
City of Barcelone	53 176	669 06	1 04 09	99 02 0	134 82	11 7 00	2 4 406	—	0 02 63	1 02 33
Rejukerk	53 229	649 06	5 32 09	99 02 0	150 77	52 5 00	1 5 303	—	0 50 69	1 32 30
Cilicia	53 165	668 06	1 07 05	99 02 0	148 82	12 4 00	6 6 110	—	0 54 63	—
Valavera	53 2 1	711 06	1 01 09	98 02 0	140 80	11 × 00	7 3 100	—	0 51 78	—
City of Barcelone	53 178	680 12	2 04 09	99 02 0	122 88	21 6 ××	2 4 605		0 01 66	1 04 51
Madir	53 195	698 12	1 04 10	98 03 0	114 80	11 6 00	3 4 300	8 1 880	0 15 66	1 04 22
Umaria	53 198	715 12	0 36 05	98 00 0	100 80	00 9 00	—	—	—	—
British Marquis	53 233	625 12	1 30 09	99 02 0	138 78	11 6 80	7 4 610	—	0 53 62	1 30 21
Circassia	53 224	685 12	0 01 05	99 00 0	129 75	00 9 00	—	—	—	—
British Marquis	53 233	625 12	1 30 09	99 02 0	133 78	11 6 80	7 4 610	—	0 53 62	1 30 20
Cilicia	53 171	651 12	2 06 09	99 02 0	118 80	21 4 00	6 6 305	—	0 53 62	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	009 24	142 60	000 34	231 19	854 90	110 04	700 11	016 22
	11	12	13	14	15	16	17	18	19
	506 70	669 91	800 55	939 94	555 55	339 00	150 39	678 00	665 12
	20	21	22	23	24	25	26		
	076 84	009 21	416 00	569 97	414 00	809 94	713 50		

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
nh—Height in thousands and hundreds of feet.

Upper Air Data (Hddff)*

STATIO	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	—	—	—	—	—	—	—	—	—	—	36 12	36 11	33 13	—	—	—	33 10	32 10	32 15	31 04	35 04	26 13	—	—
Dhhor	28 05	24 05	32 05	27 05	29 09	27 17	27 29	27 41	—	—							09 09	08 07	04 05	02 10	01 15	01 05	29 15	29 21
Chittagong	19 06	18 04	01 04	04 04	08 09	08 11	—	—	—	—	01 08	01 11	01 10	01 07	04 04	15 05	03 04	03 10	03 17	05 10	09 08	17 07	26 18	25 26
Cox's Bazar	13 06	13 15	12 16	09 03	—	—	—	—	—	—	02 17	03 13	02 11	10 12	03 03	—	05 07	05 07	06 06	10 07	06 05	07 11		
Dacca	—	—	—	—	—	—	—	—	—	—	36 27	36 21	35 14	36 04	19 04	—	33 32	36 15	35 12	33 03	21 11	25 07	28 25	25 46
Dalbandin	—	—	07 01	36 08	35 10	32 11	32 20	31 40	30 37	—	—	—	08 09	17 09	22 06	31 15	—	—	05 04	37 12	31 05	33 16	32 13	29 19
Drosh	—	—	—	—	02 08	01 06	28 05	—	—	—	—	—	—	03 03	04 11	02 07	—	—	—	—	02 08	01 10	06 05	26 03
Fort Sandeman	—	—	—	27 03	25 08	25 05	23 21	—	—	—							—	—	—	24 04	32 03	01 11	35 11	—
Jacobabad	27 03	32 04	32 08	34 10	33 08	25 07	31 15	27 30	—	—	05 02	26 08	34 05	35 07	26 05	32 13	05 06	14 11	16 07	15 09	05 08	10 07	32 19	—
Jhelum	34 04	19 02	17 02	15 04	17 04	15 04	17 07	22 07	22 19	—	05 05	01 01	06 02	01 06	20 05	—	33 03	07 01	03 02	10 06	01 06	08 24	17 04	28 09
Jiwani	—	—	—	—	—	—	—	—	—	—							—	—	—	—	—	—	—	—
Karachi	34 04	34 06	30 07	20 05	29 03	27 14	27 31	26 40	28 30	28 31	08 02	11 04	31 03	35 04	36 08	31 19	09 08	09 03	09 01	07 07	05 08	32 12	31 15	31 28
Khanpur	22 07	22 06	22 07	16 04	13 06	26 05	28 18	27 37	—	—	16 03	22 05	22 05	31 04	02 07	33 07	15 09	21 03	30 03	34 08	03 06	03 08	33 12	27 06
Lahore	30 03	32 04	33 04	15 03	22 01	21 03	23 12	23 14	25 23	—	29 07	30 02	31 03	35 01	15 01	29 05	01 01	30 02	30 02	32 04	34 08	35 05	26 09	
Multan	18 03	17 05	17 04	21 03	26 03	26 03	24 15	26 22	—	—	13 05	18 03	22 05	26 05			12 06	17 03	31 03	32 04	33 08	36 05	33 11	31 07
Peshawar	—	06 02	35 06	01 04	35 02	22 01	05 03	21 13	20 20	33 29	—	13 02	01 02	34 06	01 04	24 05	—	36 04	34 04	33 07	34 12	36 07	35 06	31 07
Quetta	—				29 08	31 12	31 22	—	—	—			No	ascent			—	—		—	12 01	09 05	32 17	39 27
Bushire	—										—	—			—							—	—	—
Sharjah	—	—				—															—			

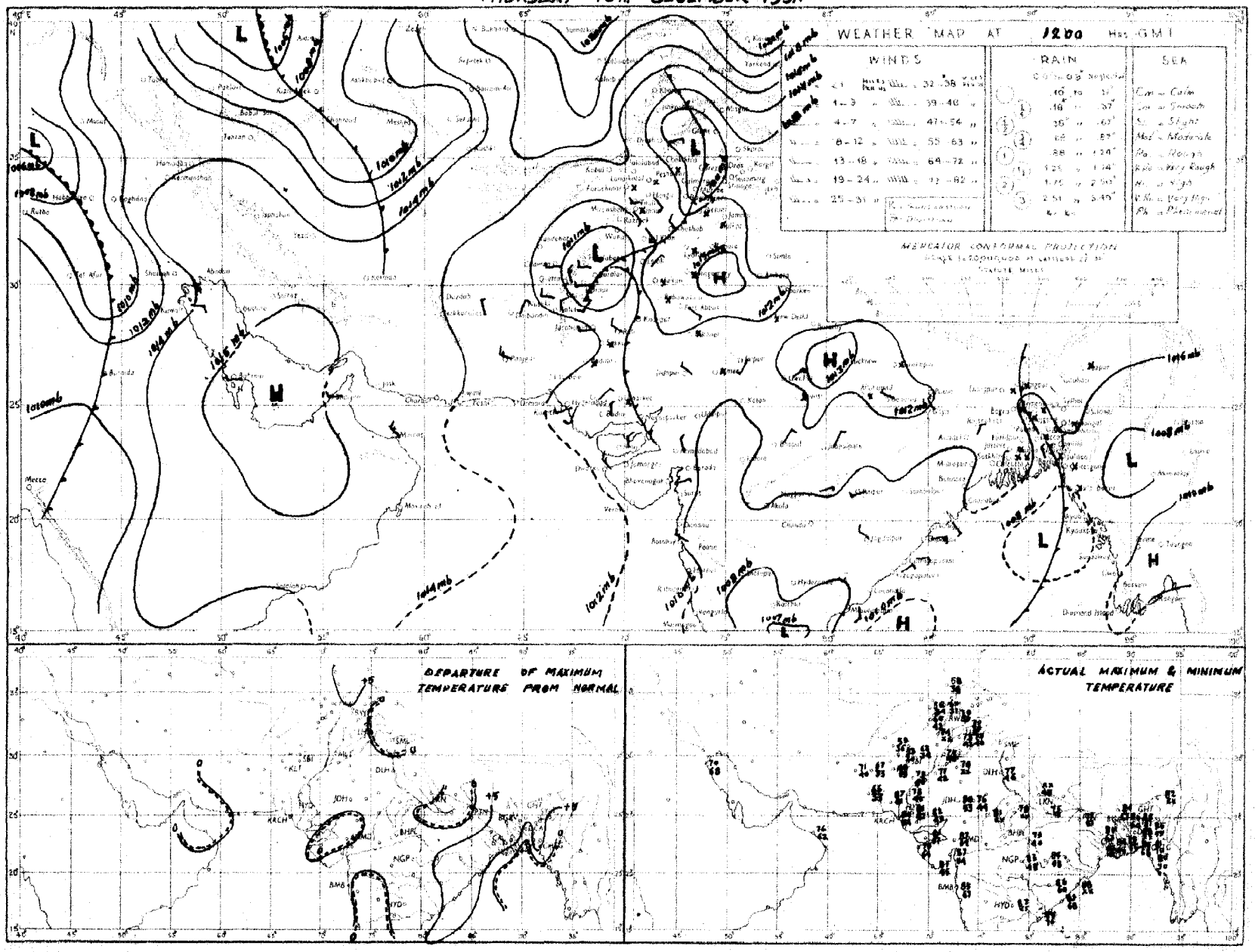
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.3 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

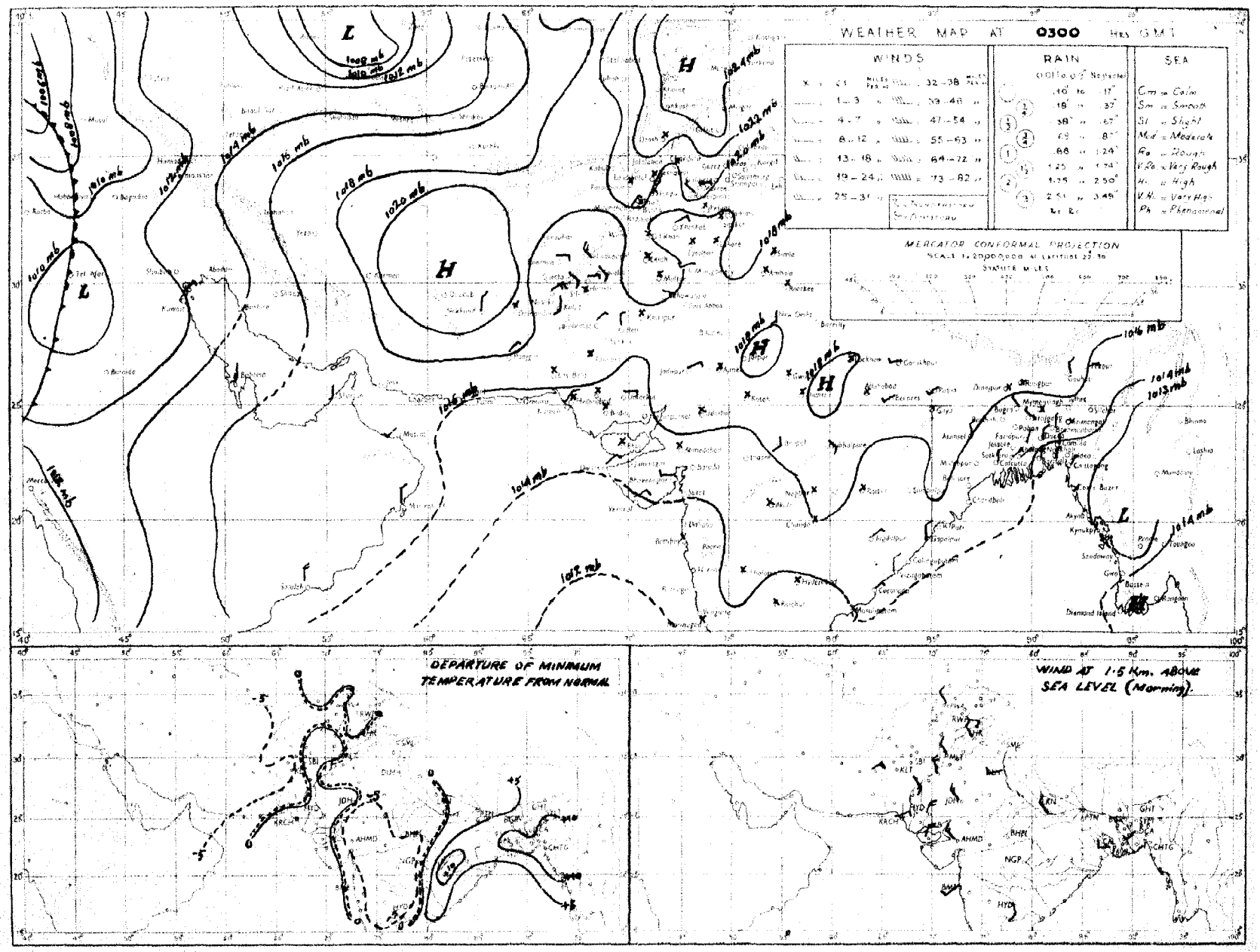
THURSDAY 13th DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 8 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 14th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 15th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

MAY 9 1952

A ridge of high extends from the North-West Frontier Province to southeast Arabia.

The western disturbance is moving eastwards across north Iraq with its associated secondary heading to Persian Gulf.

Isolated rain has occurred in the south eastern districts of East Pakistan. Chittagong reported ¼" of sainfall.

Night temperatures were appreciably to markedly above normal in East Pakistan and appreciably to markedly below normal in west Baluchistan.

Forecast valid until the evening of 16th :—Cloudiness will dissipate from the southern districts of East Pakistan and develop in Baluchistan and the North-West Frontier Province.

Karachi-11.
The 15th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	007 73	7 00 00	94 03 6	112 77	4 8 5 2 0	4 × 0 87	007 62	8 00 00	93 03 5	137 70	6 8 5 2 0	2 × 0 68	+ 7	+ 9	0.8	− 3.1	122.3	140
	Chittagong	000 65	4 36 02	96 07 9	099 79	× × × × ×	0 × 0 87	018 62	8 05 09	96 61 6	145 65	8 7 6 0 0	4 × × 62	+ 8	+ 4	0.2	− 2.5	184.7	108
	Noakhali	000 74	2 36 02	92 40 1	××× 76	2 1 5 0 0	− − − 84	000 54	8 36 02	94 0 1	××× 63	8 1 5 9 2	− − − 62	+ 6	+ 7	0.7	− 0.9	—	115
	Comilla	000 59	0 36 05	96 00 1	112 76	0 0 9 0 0	− − − 77	000 56	7 36 05	98 03 1	146 65	7 4 7 0 0	− − − 61	− 2	+ 6	1.4	− 0.2	132.6	94
	Brahmanbaria	000 62	0 00 00	×× 00 0	119 78	0 0 9 0 0	− − − 82	000 55	2 36 02	97 01 1	148 68	0 0 9 4 0	− − − 60	—	—	0.9	− 0.5	66.4	78
	Dacca	000 57	0 00 00	96 00 0	118 69	0 0 9 0 0	3 × × 82	0 0 52	1 34 05	98 01 1	144 63	0 0 9 4 0	3 × × 53		—		—	—	—
	Narayanganj	000 60	0 00 00	×× 00 1	101 74	0 0 9 0 0	0 × × 84	000 53	3 36 03	95 01 1	135 65	3 0 6 3 0	− − − 60	+ 6	+ 3	0.7	− 0.3	89.5	74
	Mymensingh	000 66	0 00 00	99 00 0	113 77	0 0 9 0 0	− − − 86	000 56	0 00 00	99 00 0	1 6 65	0 0 9 0 0	− − − 59	+ 9	+ 4	3.0	+ 2.1	64.8	91
	Srimangal	000 63	0 00 00	×× 00 1	117 66	0 9 9 0 0	− − − 85	000 59	1 00 00	96 02 1	149 65	1 2 6 3 0	− − − 53	+ 4	+ 4	1.9	+ 0.3	107.1	98
	Khulna	000 56	0 31 02	97 00 0	124 79	0 0 9 0 0	− − − 82	000 57	1 05 02	97 01 0	158 68	1 1 8 0 0	− − − 62	− 5	+ 7	0.8	+ 0.5	54.2	68
	Satkhira	000 74	3 31 02	97 03 1	114 77	2 5 7 5 0	− − − 82	000 52	0 36 02	98 10 0	152 65	0 0 9 0 0	− − − 60	+ 2	+ 7	0.7	− 0.8	45.3	65
	Jessore	000 58	0 00 00	×× 00 1	126 63	0 9 9 0 0	− − − 82	000 52	0 31 03	97 00 0	153 70	0 0 9 0 0	− − − 55		—	1.1	0	47.0	65
	Faridpur	000 59	0 00 00	95 05 0	109 74	0 0 9 0 0	− − − 74	000 55	2 36 02	94 10 0	150 68	0 0 9 0 7	9 × × —	− 2	−	1.5	+ 0.2	67.0	71
	Barisal	000 58	0 34 03	97 00 1	115 15	0 0 9 0 0	− − − 83	000 56	3 34 02	98 03 2	149 63	3 5 6 5 −	− − − 64	+ 5	+ 8	1.2	− 0.4	74.7	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 33	0 00 00	×× 00 0	113 69	0 0 9 0 0	− − − 78	000 51	0 31 03	98 06 0	155 64	0 0 9 0 0	− − − 55	− 4	0	3.3	+ 2.5	69.1	64
	Bogra	000 57	0 00 00	96 00 0	102 74	0 0 9 0 0	− − − 79	000 50	0 27 03	95 00 0	155 64	0 0 9 0 0	− − − 55	− 2	0	2.0	+ 1.1	47.0	69
	Dinajpur	000 51	0 00 00	×× 00 0	120 68	0 0 9 0 0	− − − 52	000 49	0 00 00	95 00 0	164 61	0 0 9 0 0	− − − 51	+ 5	0	0.6	+ 0.2	49.2	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	− − − −	000 ××	5 07 02	98 02 1	— —	0 0 9 1 0	− − − −		—	1.2	+ 0.7	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Allabad																		
PUNJAB	Lyallpur	000 45	0 00 00	96 00 0	157 66	0 0 9 0 0	− − − 71	000 40	0 00 00	94 00 0	186 42	0 0 9 0 0	− − − 41	+ 1	0	0.4	+ 0.2	10.5	13
	Lahore	000 49	0 36 02	96 00 0	162 67	0 0 9 0 0	− − − 72	000 41	0 00 00	94 10 0	189 43	0 0 9 0 0	− − − 39	− 1	− 2	1.3	+ 1.1	16.0	19
	Sialkot	000 47	0 00 00	97 00 0	157 63	0 0 9 0 0	− − − 69							− 1					32
	Jhelum	000 45	0 00 00	96 00 0	137 63	0 0 9 0 0	− − − 67	000 41	0 00 00	96 00 0	194 44	0 0 9 0 0	− − − 39			1.9		28.6	
	Rawalpindi	000 42	0 27 00	99 00 0	167 59	0 0 9 0 0	− − − 70	000 34	0 00 00	96 05 1	210 39	0 0 9 0 0	− − − 35	+ 2	− 2	2.1	+ 1.5	27.9	36
	Murree †	000 29	0 00 00	98 00 1	072 42	0 0 9 0 0	5 0 × 50	000 11	0 07 03	98 00 0	984 41	0 0 9 0 0	− − − 37	+ 1	+ 2	2.6	+ 1.7	47.7	50
	Attock	××× ××	0 09 02	96 00 0	— —	0 0 9 0 0	− − − −	××× ××	0 18 02	98 00 0	— —	0 0 9 0 0	− − − —	−	—			—	—
	Khushab	000 46	0 34 02	99 00 0	161 69	0 0 9 0 0	− − − 73	000 37	0 20 02	97 00 0	190 43	0 0 9 0 0	− − − 40	0	− 2	0.6	+ 0.4	8.6	16
	Montgomery	000 56	0 00 00	97 00 0	158 71	0 0 9 0 0	− − − 74	000 39	0 00 00	96 00 0	195 44	0 0 9 0 0	− − − 41	+ 1	− 2	1.1	+ 0.9	7.2	10
	Leiah	000 49	0 27 02	97 00 0	161 75	0 0 9 0 0	− − − 76	000 42	0 31 02	97 00 0	202 44	0 0 9 0 0	− − − 40			0.4	−	6.9	6
	Multan	000 45	0 00 00	97 00 0	162 71	0 0 9 0 0	− − − 70	000 45	0 00 00	95 00 0	198 40	0 0 9 0 0	− − − 43	− 2	0	0	− 0.2	6.9	7
	Khanpur	000 48	0 00 00	95 04 0	156 73	0 0 9 0 0	− − − 77	000 41	0 36 01	95 10 0	194 45	0 0 9 0 0	− − − 42	+ 1	− 2	0.1	− 0.1	2.1	6
	Bahawalpur	000 51	0 00 00	97 00 0	156 71	0 0 9 0 0	− − − 76	000 42	0 00 00	97 00 0	193 44	0 0 9 0 0	− − − 43	+ 2	0	0.1	0	4.6	1
	Fort Abbas	000 45	0 23 03	96 00 0	151 70	0 0 9 0 0	− − − 74												8
N. W. F. P.	Drosh *	000 06	1 00 00	99 01 1	018 52	1 1 8 0 0	− − − 61	000 13	0 00 00	98 00 0	076 39	0 0 9 0 0	− − − 35	+ 9	0	1.1	-	23.8	18
	Chakdara	000 42	0 20 03	99 00 0	158 60	0 0 9 0 0	− − − 65	000 33	0 00 00	98 00 0	020 35	0 0 9 0 0	− − − 35		−	1.2	−	21.5	—
	Cherat *	000 28	0 36 04	97 00 0	119 53	0 0 9 0 0	− − − 60	000 26	0 36 10	98 00 0	029 49	0 0 9 0 0	− − − 43	+ 5	0	2.8	+ 1.9	31.7	29
	Peshawar	000 42	0 05 02	95 05 4	169 60	0 0 9 0 0	− − − 69	000 30	0 20 03	97 00 0	206 43	0 0 9 0 0	− − − 39	+ 2	− 2	0.8	+ 0.3	10.0	14
	Parachinar	000 47	0 13 02	99 00 1	078 54	0 0 9 0 0	2 × × 59	000 18	0 00 00	99 00 0	083 38	0 0 9 0 0	− − − 34	+ 4	+ 2	1.0	-	29.5	29
	Miranshah	000 37	0 05 02	99 00 0	016 59	0 0 9 0 0	− − − 61	000 25	0 05 02	99 00 0	020 42	0 0 9 0 0	− − − 39	−	-	0.5	+ 0.1	11.0	13
	Bannu	000 39	0 00 00	99 00 0	163 68	0 0 9 0 0	− − − 72	000 26	0 31 02	99 00 0	205 48	0 0 9 0 0	− − − 41	−	-	0.5		6.3	11
	D. I. Khan	000 47	0 00 00	95 00 0	162 68	0 0 9 0 0	− − − 74	000 33	0 00 00	96 00 0	196 47	0 0 9 0 0	− − − 43	+ 1	+ 6	0	− 0.2	2.8	9
	Wana																		11
	Landikotal	000 29	0 00 00	99 00 0	008 55	0 0 9 0 0	− − − 62	000 25	0 00 00	99 00 0	033 40	0 0 9 0 0	− − − 33		—	0.9	—	12.8	—
	Hangu	××× ××	0 00 00	99 00 0	— —	0 0 9 0 0	− − − −	××× ××	0 00 00	99 00 0	— —	0 0 9 0 0	− − − −	—	—	-	—		—
	Thull	××× ××	0 18 09	99 00 0	— —	0 0 9 0 0	− − − −	××× ××	0 00 00	99 00 0	— —	0 0 9 0 0	− − − −		—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 32	0 00 00	97 05 0	011 61	0 0 9 0 0	− − − 63	000 16	0 00 00	97 05 0	036 34	0 0 9 0 0	− − − 33	+ 5	− 1	0.3	− 0.1	10.3	11
	Hindubagh	000 22	0 27 05	98 00 0	077 58	0 0 9 0 0	− − − 59	000 21	1 09 05	98 03 0	004 26	0 0 9 0 1	3 0 × 24		-	0	-	9.0	—
	Loralai	000 18	0 00 00	96 00 0	014 58	0 0 9 0 0	− − − 63	000 15	0 13 05	96 00 0	056 32	0 0 9 0 0	− − − 31	—	-	0.1	—	18.6	—
	Harnai (a)	000 ××	0 27 02	96 00 0	— —	0 0 9 0 0	− − − −	000 ××	0 23 02	95 00 0	— —	0 0 9 0 0	− − − −		-	0.1	− 0.4	10.7	14
	Bibi	000 31	0 13 05	99 00 0	148 77	0 0 9 0 0	− − − 81	000 26	0 00 00	98 00 0	194 43	0 0 9 0 0	− − − 41	−	-	0	—	3.8	5
	Quetta †	000 30	0 34 05	99 00 0	964 55	0 0 9 0 0	− − − 57	000 25	2 16 05	99 01 0	969 51	0 0 9 0 0	− − − 21			0.1	− 0.7	9.4	9
	Chaman	000 21	0 27 02	97 00 0	022 57	0 0 9 0 0	− − − 60	000 05	0 11 02	97 00 0	035 46	0 0 9 0 0	− − − 37	+ 3	0	0	− 1.1	9.6	8
	Nushki	000 15	0 29 05	97 00 0	056 65	0 0 9 0 0	− − − 65	000 17	0 07 03	96 00 0	054 51	0 0 9 0 0	− − − 50		—	0	—	5.4	—
	Dalbandin *	000 35	0 09 03	96 00 0	018 68	0 0 9 0 0	− − − 65	000 16	1 05 03	96 01 0	021 37	0 0 9 0 0	− − − 33	+ 2	− 4	0	− 0.8	1.8	4
	Nokkundi	000 18	0 16 02	99 00 0	143 68	0 0 9 0 0	− − − 70	000 17	4 02 02	99 03 1	191 46	0 0 9 0 5	4 0 × 40	−	−	0	—	1.0	2
	Kalat †	000 17	0 36 02	98 00 0	078 53	0 0 9 0 0	− − − 57	000 18	0 18 05	98 00 0	081 24	0 0 9 0 0	− − − 20	+ 2	− 6	0.5	− 0.1	10.2	7
	Turbat													+ 3					—
	Panjgur *	000 25	0 31 03	97 00 0	001 65	0 0 9 0 0	− − − 68	000 20	1 05 03	97 03 0	018 38	0 0 9 0 1	9 4 0 35	+ 3	− 6	0	−	3.2	5
	Las Bela	000 37	0 00 00	99 00 0	143 61	0 0 9 0 0	− − − 81	000 22	0 00 00	98 00 0	189 54	0 0 9 0 0	− − − 48	−	−	0	—	1.7	5
	Ormara																		9
	Pasni																		9
	Jiwani																		4
SIND	Reti	000 49	0 36 03	96 00 0	164 75	0 0 9 0 0	− − − 78	000 32	0 36 02	96 00 0	196 42	0 0 9 0 0	− − − 40	−	—	0	—	9.2	—
	Jacobabad	000 35	0 00 00	97 00 0	157 74	0 0 9 0 0	− − − 76	000 31	0 07 02	97 00 0	194 50	0 0 9 0 0	− − − 46	+ 1	0	0	− 0.1	0.7	4
	Sukkur	000 41	0 ×× ××	96 00 0	150 75	0 0 9 0 0	− − − 78	000 42	0 ×× ××	96 00 0	191 47	0 0 9 0 0	− − − 44		−	0	−	1.0	4
	Padidan							000 38	0 00 00	98 00 0	193 44	0 0 9 0 0	− − − 43		−	0	−	0.9	—
	Karachi (*Manora*)	000 53	0 23 05	99 00 0	138 78	0 0 9 0 0	− − − 82	000 47	0 02 09	97 00 0	178 63	0 0 9 0 0	− − − 61	+ 3	+ 1	0.1	− 0.1	1.7	3
	Karachi (*A. P.*)	000 56	0 16 05	97 00 0	140 80	0 0 9 0 0	− − − 83	000 43	1 36 02	97 03 1	185 54	0 0 9 1 0	− − − 52	−		0		3.0	—
	Badin	000 41	0 36 02	97 00 0	141 80	0 0 9 0 0	− − − 85	000 39	0 36 03	97 00 0	189 50	0 0 9 0 0	− − − 48	+ 4	− 3	0.9	+ 0.7	7.8	9
	Nagarparkar																		—
	Ghor (*Umarkot*)	000 54	0 34 05	97 00 0	140 78	0 0 9 0 0	− − − 81	000 37	0 02 03	97 00 0	173 51	0 0 9 0 0	− − − 47	−	-	0		2.3	—
	Hyderabad	000 38	0 05 03	97 00 0	146 77	0 0 9 0 0	− − − 80	000 41	0 36 03	96 00 0	182 56	0 0 9 0 0	− − − 55	+ 1	+ 3	0	− 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 21	1 00 00	99 01 0	020 51	0 0 9 0 1	− − − 55							—					13
	Jalalabad	000 27	1 09 02	97 01 0	013 63	0 0 9 0 1	2 9 × 65	000 26	0 00 00	97 0 0	018 45	0 0 9 0 0	− − − 41	—	—	0.3	—	7.2	—
	Kandahar							000 25	0 00 00	97 00 0	123 29	0 0 9 0 0	− − − 25		—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 15TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_1D_2T_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1D_1D_2T_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Highest Temperature
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Arabia	Muscat	—	000 68	0 09 02	99 00 0	145 78	0 0 9 0 0	— — — 78	000 61	0 00 00	98 00 0	151 69	0 0 9 0 0	— — — 69	— 2	— 12	0	— 0.8	3.8	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 54	8 23 09	96 07 1	090 70	0 0 9 0 1	— — — 71	006 58	7 36 07	96 00 6	121 68	0 0 9 8 0	— — — 60	—	—	0.3	—	1.8	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0900 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ ann	8 $N_s C_h h_s$	O $T_s T_s T_d T_d$	$1d_w d_w F_w F_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Circassia —	63 201	701 00	0 04 09	99 02 0	122 75	00 9 00		—	—	—
Cilai —	63 168	619 00	8 03 13	99 01 1	121 75	11 4 60	6 6 495	—	—	—
Jalarevata —	63 226	693 06	0 10 05	98 00 0	157 78	00 9 00	2 3 602	—	—	—
Nadir —	63 167	715 06	0 04 09	98 00 0	142 81	00 9 08	3 4 300	—	0 51 78	—
Umaria —	63 222	687 06	0 04 04	98 00 0	151 74	00 9 00		—	0 1 74	1 04 22
City of Barcel —	63 185	709 06	0 02 02	99 00 0	134 83	00 9 06	2 4 309	—	—	—
Bare —	63 217	692 06	0 02 06	99 00 0	171 76	00 9 00	3 4 320	—	0 51 64	1 02 21
Khosrou —	63 173	638 06	0 04 13	99 00 0	163 80	00 9 00	2 3 120	—	0 51 68	1 02 ××
Khosrou —	63 175	649 12	0 04 13	99 00 0	184 78	00 9 00	2 5 300	—	0 03 66	1 04 23
Nadir —	63 155	722 13	1 01 09	98 02 0	110 83	11 6 00	3 4 300	8 1 880	0 51 62	1 04 23
Umaria —	63 208	671 13	0 04 04	98 00 0	151 75	00 9 00		—	0 01 74	1 01 22
Nadir —	63 150	726 18	8 00 00	98 01 2	092 83	00 9 70	3 4 300	8 6 485	—	—
Karunja —	63 009	450 18	1 05 10	99 02 0	111 91	11 5 00	5 6 120	—	0 00 75	1 49 0×
Dara —	63 200	712 18	0 35 06	99 00 0	145 80	00 9 00	3 4 300	—	0 01 74	1 05 ×2
BAY OF BENGAL									0 02 73	1 35 ××

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—			iiGG		PoPoPoToTo		TdoTdoTxoXxXx			PiPihihihi		TiTiTdiTdiTxi etc.				5555	hihiPiPiPi			TiTiTdiTdiTxi etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	2
Karachi —	780 14	012 24	142 66	000 41	281 88	854 98	135 08	700 25	057 64	509 05	589 97	301 61	779 90	200 96	809 90	555 55	349 90	160 09	678 00	095 08	737 80	075 28	486 00	509 91	464 00

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands and hundreds of feet.

Upper Air Data (Hddff)*

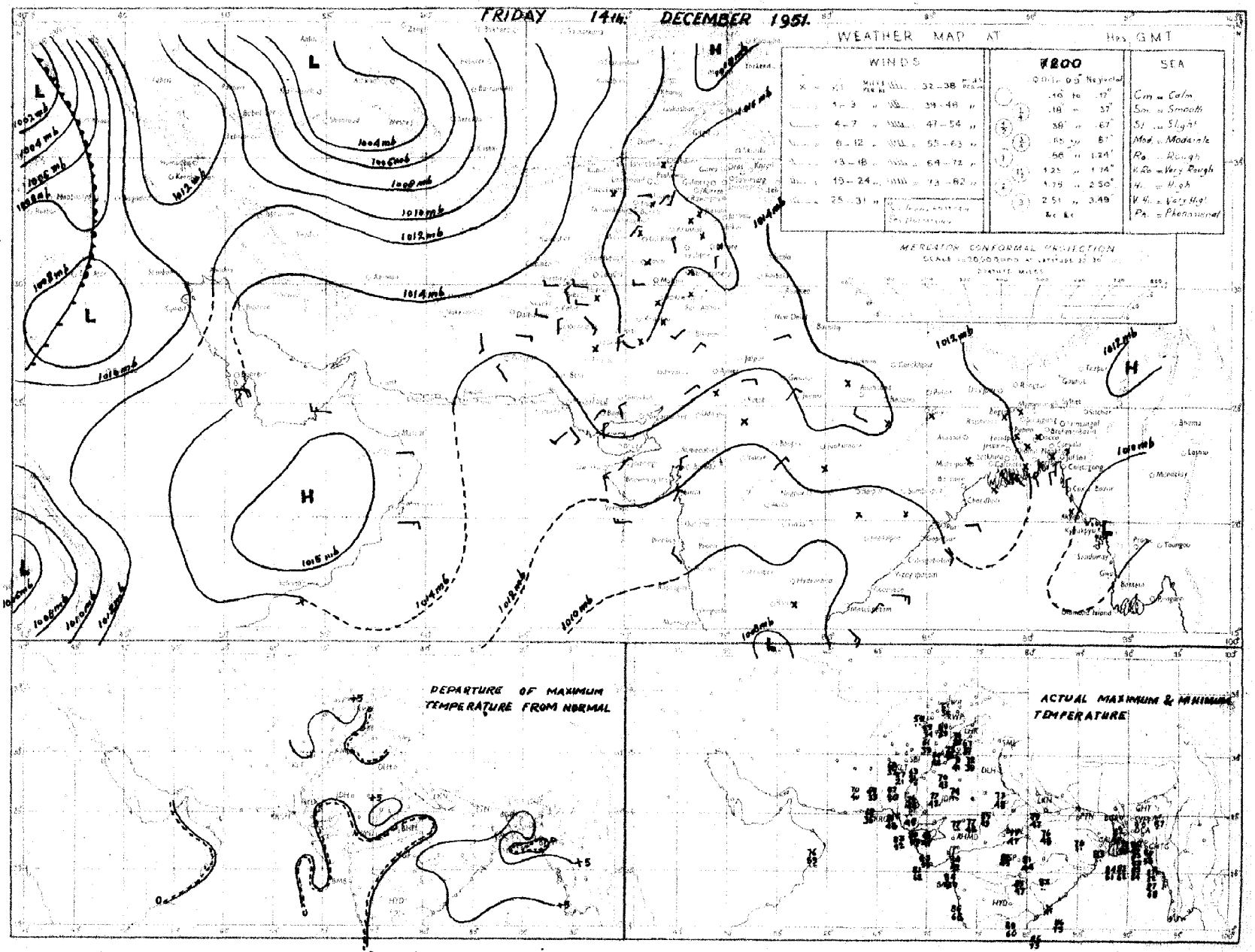
STATIO	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra —	32 13	32 15	32 18	29 08	23 08	02 51	—	—	—	—	32 06	33 06	31 12	29 11	—	—	32 15	33 06	34 04	36 02	31 12	29 38	—	—
Ohhor —	04 09	02 09	02 07	04 07	03 07	29 04	29 19	29 18	30 25	29 41	—	—	—	—	—	—	05 18	04 12	03 13	05 13	05 21	01 14	33 15	32 40
Chittagong —	35 06	36 08	02 09	04 04	15 05	19 13	26 18	—	—	—	01 20	02 18	03 11	05 05	07 08	—	36 18	35 07	36 05	—	—	—	—	—
Cox's Bazar —	11 05	11 07	11 07	05 06	10 03	—	—	—	—	—	00 04	10 03	13 06	16 11	13 11	11 19	01 15	03 13	—	—	—	—	—	—
Dacca —	33 10	32 18	31 19	29 09	27 05	27 11	25 24	—	—	—	—	—	—	—	—	—	32 14	32 15	31 15	22 14	22 20	21 21	23 28	23 31
Dalbandin —	—	—	07 11	05 08	04 08	36 10	34 13	29 23	—	—	—	—	06 04	15 04	16 04	30 09	—	—	07 04	19 06	25 09	24 13	26 21	—
Drosh —	—	—	—		02 08	36 11	16 05	25 07	31 30	31 60	—	—	—	18 01	03 04	03 03	—	—	—		06 08	36 27	36 13	
Fort Sandeman —				30 02	28 02	02 03	39 18	32 3	31 32	30 42										29 02	26 06	27 03	31 21	31 38
Jacobabad —	34 03	34 07	34 06	36 05	10 05	02 06	32 19	29 30	30 31	30 32	10 03	10 01	16 01	12 02	36 02	02 05	12 05	09 03	01 03	30 03	10 01	32 07	32 11	
Jhelum —	20 01	19 01	16 02	15 06	16 03	13 04	01 05	31 10	31 34		34 05	33 11	34 08	05 04	08 04	05 05	01 06	32 15	32 12	32 12	36 04	09 04	35 10	32 23
Jiwani —																								
Karachi —	08 06	09 04	09 05	11 06	05 06	31 08	31 16	31 33	31 46	32 29	08 09	08 17	07 15	02 08	02 09	01 00	07 10	07 16	07 11	06 12	04 12	01 13	31 17	31 35
Khanpur —	11 03	07 04	02 04	05 06	35 06	01 35	31 19	30 25	29 40	29 21	13 10	08 05	04 01	35 05	01 10	03 10	—	—	—	—	—	—	—	—
Lahore —	28 03	28 04	32 03	32 03	31 04	32 03	36 04	32 25	31 46	29 46	33 03	32 03	34 05	02 03	31 03	31 04	31 11	32 12	32 12	34 12	35 00	01 08	34 13	32 25
Multan —	21 02	31 01	33 02	36 03	01 03	02 04	35 14	31 29	30 41	31 44	24 04	26 08	19 02	15 07	03 07	36 06	25 04	27 05	29 05	33 05	01 06	33 04	31 16	32 31
Peshawar —	—	12 02	33 03	32 03	32 03	35 02	33 07	32 34	32 42	31 56	—	35 03	13 03	31 02	33 05	35 03	—	05 01	29 05	33 11	33 10	36 07	34 05	31 23
Quetta —					16 05	28 05	13 13	29 21	29 31	31 66		—	No	ascent	—	—	—	—			14 09	19 08	22 38	—
Bushire —						—					—	—									—	—	—	—
Sharjah —						—																	—	

Cloud Observation Data (iiiGG Cddv, v_r)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.3 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet

N. P. W.

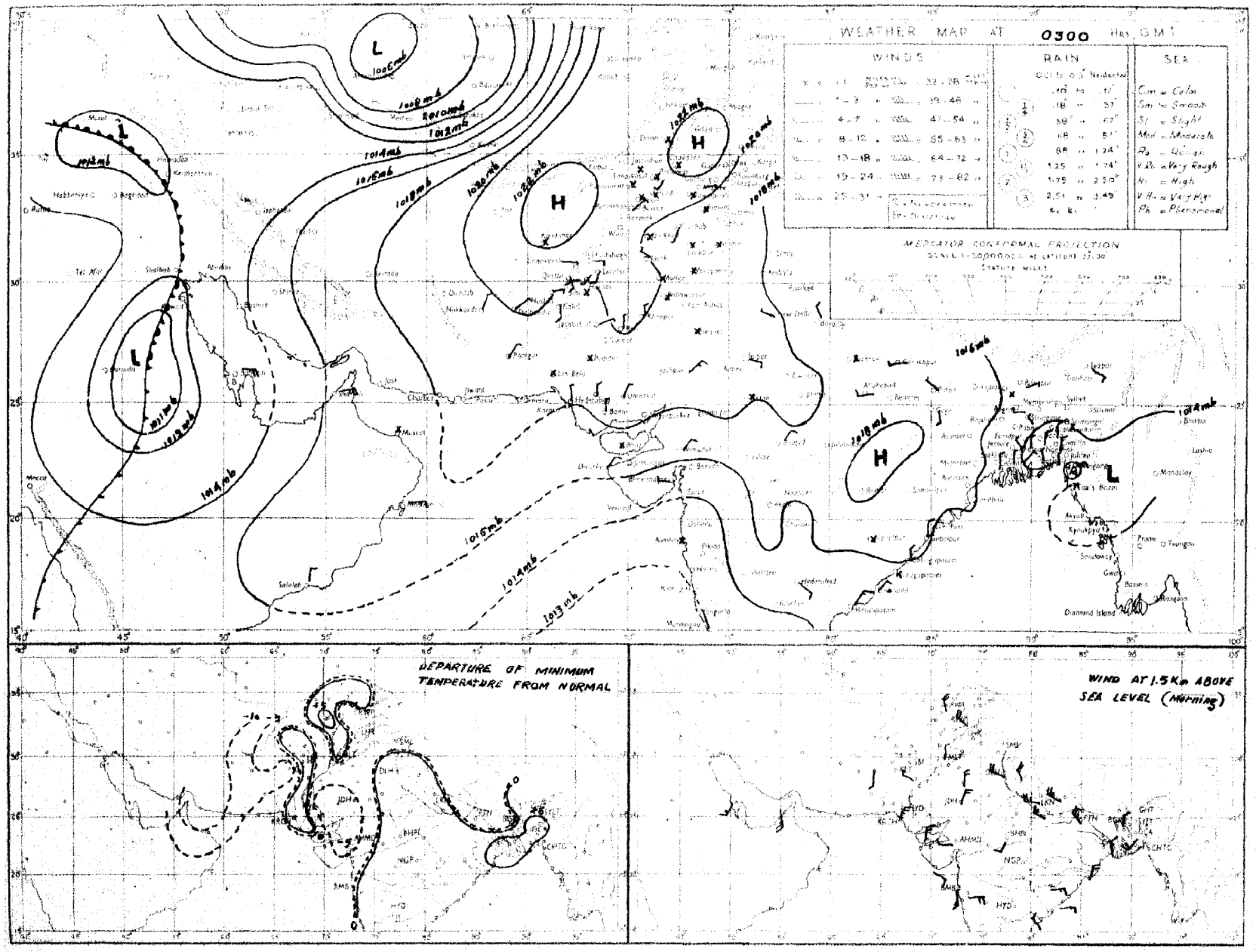
PAKISTAN DAILY WEATHER MAP



Rainfall amounts indicated in the above chart refer to past 24 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 15th DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SUNDAY, THE 16th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

MAY 9 1952

A western disturbance is moving eastnortheastwards across Russian Turkistan.

A trough of low extends from south Caspian sea to southwest Iran.

A western depression is approaching north Iraq.

Scattered rain has occurred in Eastern sub-division of East Pakistan. Cox's Bazar reported ¼" of rain.

Night temperatures were appreciably above normal in the upper North-West Frontier Province and the Northern sub-division of East Pakistan.

Forecast valid until the evening of 17th :—There will be high, medium clouds in Kashmir, the North-West Frontier Province and north Baluchistan.

Karachi-11.
The 16th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	045 61	7 00 00	96 03 6	121 68	4 6 4 7 0	8 × 0 71	045 62	0 00 00	97 00 1	169 67	0 0 9 0 0	- - - 57	- 9	- 1	1.3	- 2.7	122.7	140
	Chittagong	010 60	8 05 05	96 81 6	113 65	6 5 4 2 0	4 × 9 67	010 62	0 05 02	91 43 4	167 62	0 0 9 0 0	5 × × 53	- 12	- 4	0.3	- 2.4	134.8	108
	Noakhali	000 57	5 00 00	×× ×× ×	××× 69	2 1 5 7 0	- - - 77	000 55	0 00 00	×× ×× ×	××× 64	0 0 9 0 0	- - - 62	- 1	+ 4	0.7	- 1 1		115
	Comilla	000 57	7 36 05	96 03 1	116 76	7 4 7 0 0	- - - 76	000 58	0 18 0	98 00 0	157 65	0 0 9 0 0	- - - 55	- 3	+ 1	1.4	- 0.2	132.6	94
	Brahmanbaria	000 59	0 00 00	×× 00 1	110 76	0 0 9 0 0	- - - 81	000 56	0 23 02	97 00 0	160 68	0 0 9 0 0	- - - 57	-	—	0.9	- 0.5	66.4	78
	Dacca	××× 56	1 00 00	×× 02 1	108 60	1 1 6 0 0	9 × × 79	000 35	27 02	98 00 1	153 65	0 0 9 0 0	- - - 52		—				—
	Narayanganj	000 54	0 00 00	×× 00 1	108 68	0 0 9 0 0	0 × × 84	000 55	0 27 02	95 00 1	152 70	× × ×× ×	9 × × 57	+ 1	0	0.7	- 0.4	89.5	74
	Mymensingh	000 54	0 00 00	99 00 0	105 74	0 0 9 0 0	- - - 84	000 53	0 00 00	99 00 0	154 64	0 0 9 0 0	- - - 55	+ 7	+ 4	3.0	+ 2.1	64.8	91
	Srimangal	000 65	6 00 00	×× 03 1	107 70	5 8 6 0 1	0 6 × 85	000 56	0 18 02	96 00 1	159 68	0 0 9 0 0	- - - 53	+ 4	+ 5	1.9	+ 0.3	107.1	58
	Khulna	000 56	0 00 00	98 00 0	120 69	0 0 9 0 0	- - - 80	000 53	0 31 02	98 00 0	167 67	0 0 9 0 0	- - - 55	+ 2	0	0.8	- 0.7	54 2	68
	Satkhira	000 52	0 21 02	98 00 0	116 70	0 0 9 0 0	- - - 79	000 52	0 31 02	98 00 1	165 68	0 0 9 0 0	- - - 53	- 1	0	0.7	- 1.2	45.3	65
	Jessore	000 40	0 00 00	×× 00 1	120 65	0 0 9 0 0	- - - 77	000 62	0 31 05	97 00 0	165 65	0 0 9 0 0	- - - 49			1.1	0	47 0	65
	Faridpur	000 54	1 34 02	95 05 0	114 69	1 4 7 0 0	9 × × 90	000 53	9 18 02	95 05 0	152 68	0 0 9 0 0	9 × × --	- 6	- 1	1.5	- 0 2	57.0	71
	Barisal	000 54	1 00 00	97 01 1	112 71	0 0 9 2 0	- - - 78	000 58	0 29 02	98 00 0	161 65	0 0 9 0 0	- - - 56	0	+ 1	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampu Boalia																		56
	Sirajganj	000 61	0 00 00	×× 00 0	103 69	0 0 9 0 0	- - - 69	000 55	2 27 02	97 01 1	153 62	2 6 3 0 0	- - - 55	- 8	+ 2	3.3	+ 2.5	69.1	64
	Bogra	000 59	1 23 02	96 01 0	107 73	1 1 7 0 0	- - - 79	000 53	3 29 02	95 01 1	153 65	0 0 9 7 0	- - - 56	4 2	+ ×	2.0	+ 1.1	47.0	69
	Dinajpur	000 55	0 00 00	×× 00 0	114 60	0 0 9 0 0	- - - 81	000 51	0 00 00	98 00 0	163 64	0 0 9 0 0	- - - 57	+ 4	+ 7	0 8	+ 0 2	49 2	72
	Rangpur	000 ××	0 00 00	×× 00 1	-- —	0 0 9 0 0	- - - --	000 ××	2 07 02	98 02 1	— —	0 0 9 1 0	- - - --	-	-	1.2	+ 0 7	80.4	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Miagar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 44	0 00 00	96 00 0	149 67	0 0 9 0 0	- - - 73	000 39	0 20 02	96 00 0	172 49	0 0 9 0 0	- - - 41	+ 3	0	0.4	+ 0.2	10.5	12
	Lahore	000 49	0 00 00	96 00 0	155 69	0 0 9 0 0	- - - 74	000 42	0 00 00	94 10 0	178 43	0 0 9 0 0	- - - 40	+ 1	+ 1	1.3	+ 1.0	16.0	19
	Sialkot	000 49	0 00 00	97 00 0	149 63	0 0 9 0 0	- - - 68	000 41	2 05 0	97 02 1	163 46	0 0 9 0 2	- - - 42	- 2	0	1.9	+ 0.5	20.7	32
	Jhelum	000 44	0 00 00	97 00 0	159 63	0 0 9 0 0	- - - 70	000 38	2 00 00	96 01 1	190 41	0 0 9 0 1	4 7 × 38	—	—	1.9		28.6	—
	Rawalpindi							000 35	7 00 00	97 10 1	193 37	7 0 8 1 0	- - - 35		- 2	2.1	+ 1.4	27.0	36
	Murree †	000 22	0 13 03	98 00 0	166 44	0 0 9 0 0	- - - 53	000 09	7 13 03	97 02 1	070 43	0 0 9 6 0	2 × 5 38	+ 4	+ 4	2.6	+ 1.3	47.7	59
	Attock	××× ××	0 13 03	96 00 0	-- —	0 0 9 0 0	- - - --	××× ××	6 00 00	96 00 0	— —	0 0 9 0 8	- - - --	-	—				—
	Khushab	000 47	0 29 05	99 00 0	152 68	0 0 9 0 0	- - - 75	000 38	1 00 00	99 03 1	178 48	0 0 9 0 2	- - - 39	+ 2	- 2	0.6	+ 0.4	8.6	15
	Montgomery							000 37	0 31 02	96 00 0	179 42	0 0 9 0 0	- - - 40		- 2	1.1	+ 0.9	7.2	10
	Leiah	000 45	0 23 02	97 00 0	156 74	0 0 9 0 0	- - - 75	000 39	0 00 00	96 00 0	182 41	0 0 9 0 0	- - - 40			0 4	—	6.9	8
	Multan							000 36	0 36 02	95 00 0	184 54	0 0 9 0 0	- - - 44		+ 2	0	- 0.2	6.9	7
	Khanpur	000 44	0 18 02	96 04 0	158 75	0 0 9 0 0	- - - 77	000 40	8 18 02	96 04 0	181 49	0 0 9 0 1	0 9 × 43	+ 1	0	0.1	- 0.1	2.1	6
	Bahawalpur	000 54	0 00 00	97 00 0	158 71	0 0 9 0 0	- - - 78	000 38	0 18 02	97 00 0	179 47	0 0 9 0 0	- - - 44	+ 4	+ 1	0.1	- 0.1	4 6	6
	Fort Abbas							000 29	0 23 02	96 00 0	183 56	0 0 9 0 0	- - - 38		-	1.3	-	5.0	8
N. W. F. P.	Drosh *	000 96	1 00 00	99 01 0	017 52	0 0 9 3 0	- - - 55	000 09	8 00 00	98 02 1	059 41	0 0 9 2 6	- - - 36	+ 8	+ 2	1.1		23.8	18
	Chakdara	000 85	0 00 00	99 00 0	139 59	0 0 9 0 0	- - - 66	000 26	5 35 04	98 08 1	207 37	5 0 7 5 0	2 × 9 34			1.2	-	21.5	—
	Cherat *	000 26	0 36 09	97 00 0	011 54	0 0 9 0 0	- - - 56	000 26	5 36 15	98 03 1	018 51	0 0 9 6 0	4 × 2 48	+ 1	+ 1	2.8	+ 1.8	31.7	29
	Peshawar	000 37	1 00 00	97 03 0	149 66	0 0 9 3 0	- - - 72	000 34	5 00 00	96 02 1	020 43	0 0 9 3 6	0 × 7 39	+ 5	- 1	0 8	+ 0.2	9.9	14
	Parachinar							000 21	5 00 00	99 01 1	971 40	0 0 9 3 1	2 0 0 35		+ 4	1.0	-	29.5	29
	Miranshah							000 22	5 36 02	98 01 1	017 44	0 0 9 0 4	- - - 39		—	0.5	+ 0.1	11.0	13
	Bannu	000 82	0 00 00	99 00 0	153 71	0 0 9 0 0	- - - 73	000 30	0 00 00	99 00 0	185 47	0 0 9 0 0	- - - 42	—	—	0.5		6.3	11
	D. I. Khan	000 47	0 00 00	95 05 0	151 69	0 0 9 0 0	- - - 75	000 36	0 00 00	96 00 0	176 47	0 0 9 0 0	- - - 48	+ 2	+ 3	0	- 0.2	2.8	9
	Wana																		11
	Landikotal	000 31	0 00 00	99 00 0	001 54	0 0 9 0 0	- - - 61	000 20	3 00 00	99 02 1	017 43	3 4 6 0 0	- - - 35		—	0.9	—	12.8	—
	Kohat	××× ××	0 02 02	99 00 0	-- —	0 0 9 0 0	- - - --	××× ××	3 00 00	99 03 1	— —	0 0 9 2 4	9 0 × —	—	—	—	—	—	—
	Thull	××× ××	0 27 00	99 00 0	— —	0 0 9 0 0	- - - --	××× ××	3 36 09	98 00 0	— —	1 8 7 0 2	0 0 × —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 15	0 23 02	97 05 0	004 61	0 0 9 0 0	- - - 85	000 15	0 00 00	98 05 0	040 35	0 0 9 0 0	- - - 38	+ 7	+ 2	0.3	- 0.1	10.3	11
	Hindubagh	000 14	0 00 00	98 00 0	031 56	0 0 9 0 0	- - - 61	000 24	0 00 00	98 00 0	039 31	0 0 9 0 0	- - - 22			0	—	9.0	—
	Loralai	000 14	0 13 05	96 00 0	003 56	0 0 9 0 0	- - - 62	000 12	0 00 00	96 00 0	023 30	0 0 9 0 0	- - - 29	—	-	0.1	—	18.6	—
	Harnai (a)	000 ××	0 31 02	96 00 0	- —	0 0 9 0 0	- - - --	000 ××	0 09 02	95 00 0	—	0 0 9 0 0	- - - --		-	0.1	- 0.4	10.7	18
	Bibi	000 28	0 13 05	98 00 0	149 74	0 0 9 0 0	- - - 77	000 37	0 00 00	98 00 0	182 44	0 0 9 0 0	- - - 42	—	-	0	—	8.8	5
	Quetta †	000 27	0 00 00	99 00 0	965 59	0 0 9 0 0	- - - 62	000 26	0 23 03	99 00 0	956 26	0 0 9 0 0	- - - 23			0.1	- 0.8	9.4	9
	Chaman	000 15	0 23 03	97 00 0	002 61	0 0 9 0 0	- - - 66	000 12	0 11 03	97 00 0	027 45	0 0 9 0 0	- - - 23	+ 9	- 13	0	- 1.1	9.6	8
	Nushki	000 25	0 23 05	97 00 0	034 59	0 0 9 0 0	- - - 70	000 38	0 07 08	96 00 0	054 52	0 0 9 0 0	- - - 49	—	—	0	—	5.4	—
	Dalbandin *	000 37	1 00 00	96 01 1	001 73	0 0 9 0 1	- - - 78	000 24	1 00 00	96 01 1	005 42	0 0 9 0 1	- - - 35	+15	0	0	- 0.3	1.8	4
	Nokkundi	000 21	1 11 05	99 01 1	112 72	0 0 9 0 1	9 0 × 73	000 29	0 05 09	99 00 1	158 54	0 0 9 0 0	9 × × 45	—	—	0	—	1.9	2
	Kalat †	000 14	0 13 02	98 00 0	976 56	0 0 9 0 0	- - - 58	000 17	0 18 05	98 00 0	980 26	0 0 9 0 0	- - - 24	+ 3	- 2	0.5	- 0.1	10.2	7
	Turbat																		—
	Panjgur *	000 31	1 23 03	97 03 1	001 68	0 0 9 0 1	- - - 69	000 25	2 05 03	97 02 0	016 41	0 0 9 0 2	9 4 0 35	+ 4	- 4	0	—	3.2	5
	Las Bela	000 45	0 00 00	99 00 0	150 82	0 0 9 0 0	- - - 85	000 32	0 00 00	98 00 0	189 54	0 0 9 0 0	- - - 45	—	—	0	—	1.7	8
	Ormara																		6
	Pasni	000 58	0 09 05	98 00 0	158 75	0 0 9 0 0	- - - 78							+ 1					6
	Jiwani																		4
SIND	Keti	000 27	0 31 02	96 00 0	158 77	0 0 9 0 0	- - - 70	000 17	0 18 03	96 00 0	185 47	0 0 9 0 0	- - - 45	—	—	0	—	0.2	—
	Jacobabad	000 39	0 00 00	97 00 0	156 74	0 0 9 0 0	- - - 76	000 36	1 18 02	94 10 0	183 48	0 0 9 0 1	- - - 46	+ 1	+ 1	0	- 0.1	0.7	4
	Sukkur	000 41	0 ××× ××	96 00 0	157 75	0 0 9 0 0	- - - 79	000 46	0 ××× ××	96 00 0	175 53	0 0 9 0 0	- - - 46			0	—	1.0	4
	Padidan	000 41	0 00 00	98 00 0	159 75	0 0 9 0 0	- - - 76	000 40	0 00 00	98 00 0	178 46	0 0 9 0 0	- - - 42	-	-	0	—	0.9	—
	Karachi (*Manora*)	000 49	0 00 00	99 00 0	151 78	0 0 9 0 0	- - - 82	000 44	4 00 00	98 02 1	170 60	0 0 9 0 1	0 9 0 58	+ 3	- 1	0.1	- 0.1	1.7	3
	Karachi (*A. P.*)	000 33	0 07 05	98 00 1	152 78	0 0 9 0 0	- - - 81	000 35	2 36 03	97 03 0	177 53	0 0 9 0 1	- - - 49	—		0		3.0	—
	Badin	000 46	0 00 00	97 00 0	145 76	0 0 9 0 0	- - - 81	000 39	0 36 02	97 00 0	171 50	0 0 9 0 0	- - - 49	0	- 2	0.9	+ 0 7	7.8	9
	Nagarparkar																		—
	Chhor (*Umarkot*)	000 56	0 05 03	97 00 0	148 80	0 0 9 0 0	- - - 81	000 37	0 00 00	97 00 0	176 51	0 0 9 0 0	- - - 45		-	0		2.3	—
	Hyderabad	000 30	0 05 03	97 00 0	157 75	0 0 9 0 0	- - - 78	000 47	0 36 03	97 00 0	180 34	0 0 9 0 0	- - - 50	- 1	- 1	0	- 0.1	2.0	7
Jonagadh	Veraval																		20
Afghanistan	Kabul							000 18	7 20 03	99 02 1	007 25	0 0 9 2 0	- - - 27		—	0.1	—	10.7	13
	Jalalabad	000 25	0 00 00	97 00 0	012 69	0 0 9 0 0	- - - 71	000 18	5 00 00	97 01 0	018 46	0 0 9 4 0	3 × 9 40	—	—	0.8	—	7.3	—
	Kandahar	000 35	0 00 00	98 00 0	057 63	0 0 9 0 0	- - - 70	000 21	2 00 00	97 01 1	006 30	0 0 9 × 0	- - - 25	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 16TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_hhC_mC_m$	$W_1D_aD_mT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_hhC_mC_m$	$W_1D_aD_mT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arabia	Muscat	—	000 58	0 31 02	99 00 0	134 78	0 0 9 0 0	- - - 80	000 58	0 00 00	99 00 0	169 70	0 0 9 0 0	- - - 69	+ 2	0	0	- 0.8	8.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
	Kuwait	—	000 58	0 36 06	96 00 0	110 66	0 0 9 0 0	- - - 67	000 57	0 00 00	97 00 0	155 62	0 0 9 0 0	- - - 49	—	—	0.5	—	1.8	5

* Barometer readings reduced to 1 geodynamic Kilometre (8,350-8,356 feet according to latitude).
† Barometer readings reduced to 5 geodynamic Kilometre (6,695-6,715 feet according to latitude).
†† Barometer readings reduced to 8 geodynamic Kilometre (10,045-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorological Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	VQ $L_aL_aL_a$	$L_oL_oL_oGG$	N dd ff	VV ww W	PPP TT	$N_hC_LhC_mC_u$	$D_sv_sa_{pp}$	8 $N_sCh_sh_s$	0 $T_sT_sT_dT_d$	$1d_wd_wF_wF_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Captourane	75 090	881 00	2 04 07	98 02 0	105 ××	22 4 1×	6 4 360	—		1 01 ×1
Wadir	73 182	787 04	0 12 08	98 00 0	129 84	00 9 00	3 4 300	—	0 01 74	1 04 21
Khosrou	73 179	677 06	1 05 11	99 02 0	159 82	11 6 00	2 3 120	—	0 02 70	1 05 2[illegible]
Wadir	73 122	743 12	0 00 00	99 00 0	107 84	00 9 00	3 4 360	8 0 000	0 00 74	1 49 0[illegible]
Rackbiah	73 104	598 06	1 04 12	98 02 1	139 81	12 5 00	6 6 320	—	0 01 60	1 03 31
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE:— iiiGG	PoPoPoToTo	TdoTdoTxoXrXs	PrPrhrhrhr	TrTrTdrTdrTxr etc.	5555	hrhrPrPrPr	TrTrTdrTdrTxr etc.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	750 14	011 22	059 60	600 38	220 46	854 96	155 48	790 26	065 89	569 11	559 97	301 63	829 94	555 55	349 00	185 01	6680 9	125 91	446 00	005 84	474 00	659 94	803 50	729 97	562 50

PPP—Pressure in hundreds, tens and units of millibars, hh—Height in thousands, and hundreds of feet.
PP—Pressure in hundreds, and tens of millibars.
hhh—Height in thousands, hundreds and tens of feet.

Upper Air Data (Hddff)*

STATIO	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	31 06	31 07	31 08	29 03	28 10	25 17	26 23	—	—	—	30 19	31 15	33 09	07 09	24 06	—	31 12	30 10	31 05	36 04	05 63	28 11	28 19	—
Dhhor	04 15	05 19	05 14	05 15	04 14	01 11	31 18	—	—	—	—	—	—	—	—	—	00 18	09 11	06 08	01 10	34 05	27 10	30 18	29 29
Chittagong	34 19	34 13	33 29	03 03	—	—	—	—	—	—	—	—	—	—	—	—	34 03	23 02	12 03	29 08	32 09	—	—	—
Cox's Bazar	—	No	ascent		—		—	—	—	—	23 05	33 15	30 13	27 15	26 11	23 19	33 08	32 09	30 09	23 15	29 10	29 06	—	—
Dacca	36 04	32 10	30 13	30 14	22 23	22 14	23 27	—	—	—	31 04	31 09	34 14	22 12	—	—	33 10	31 04	29 05	29 05	29 14	26 17	27 24	—
Dalbandin	—	—	09 02	19 07	22 11	25 14	25 36	27 22	28 51	—	—	—	18 10	30 10	24 11	25 15	—	—	—	29 06	24 11	29 12	27 21	29 19
Drosh	—	—	—	—	01 13	02 08	26 06	32 22	—	—	—	—	—	05 02	03 05	01 06	—	—	—	—	04 09	01 20	35 01	
Fort Sandeman	—	—	—	26 03	22 04	27 05	27 29	—	—	—	—	—	—	—	—	—	—	—	—	17 06	12 02	30 03	25 18	—
Jacobabad	30 02	33 02	33 02	19 03	20 02	30 04	30 13	30 19	30 38	—	29 02	21 04	25 06	28 04	26 00	26 13	29 01	22 05	02 07	29 06	30 03	27 13	30 44	29 19
Jhelum	32 07	31 08	31 06	26 09	32 03	30 04	32 15	31 00	32 49	—	35 01	32 09	calm	—	17 05	20 05	08 08	31 09	32 15	32 15	29 10	31 07	29 18	
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	07 10	07 10	07 11	06 12	04 12	01 13	31 17	31 36	30 39	31 64	05 04	07 06	05 08	04 09	04 07	04 04	01 06	35 32	13 01	35 09	31 04	29 10	29 17	—
Khanpur	19 05	20 05	26 04	28 03	26 02	29 04	33 17	31 31	—	—	34 08	29 08	34 08	22 02	27 08	26 11	10 08	25 09	23 13	26 07	23 07	25 11	28 26	29 27
Lahore	28 03	29 03	33 04	33 04	34 04	34 08	33 21	32 21	—	—	29 04	30 02	31 04	35 06	31 08	30 07	29 07	29 15	29 15	29 13	31 00	31 10	31 13	32 15
Multan	23 08	23 02	23 05	24 05	01 02	13 11	33 17	—	—	—	20 11	20 19	23 16	20 07	30 03	32 03	19 09	21 15	21 10	21 09	31 06	07 06	27 10	31 43
Peshawar	—	18 02	32 04	33 07	32 04	31 03	31 15	30 25	30 42	—	—	36 07	33 04	33 07	32 06	25 01	—	31 03	31 04	23 07	31 03	31 04	30 10	—
Quetta					16 05	24 10	28 22	32 34	—	—	—	—	—	No	ascent	—	—	—			17 05	23 03	22 27	—
Bushire											—	—				—							—	—
Sharjah																								

Cloud Observation Data (iiiGG Cddv$_r$v$_r$)

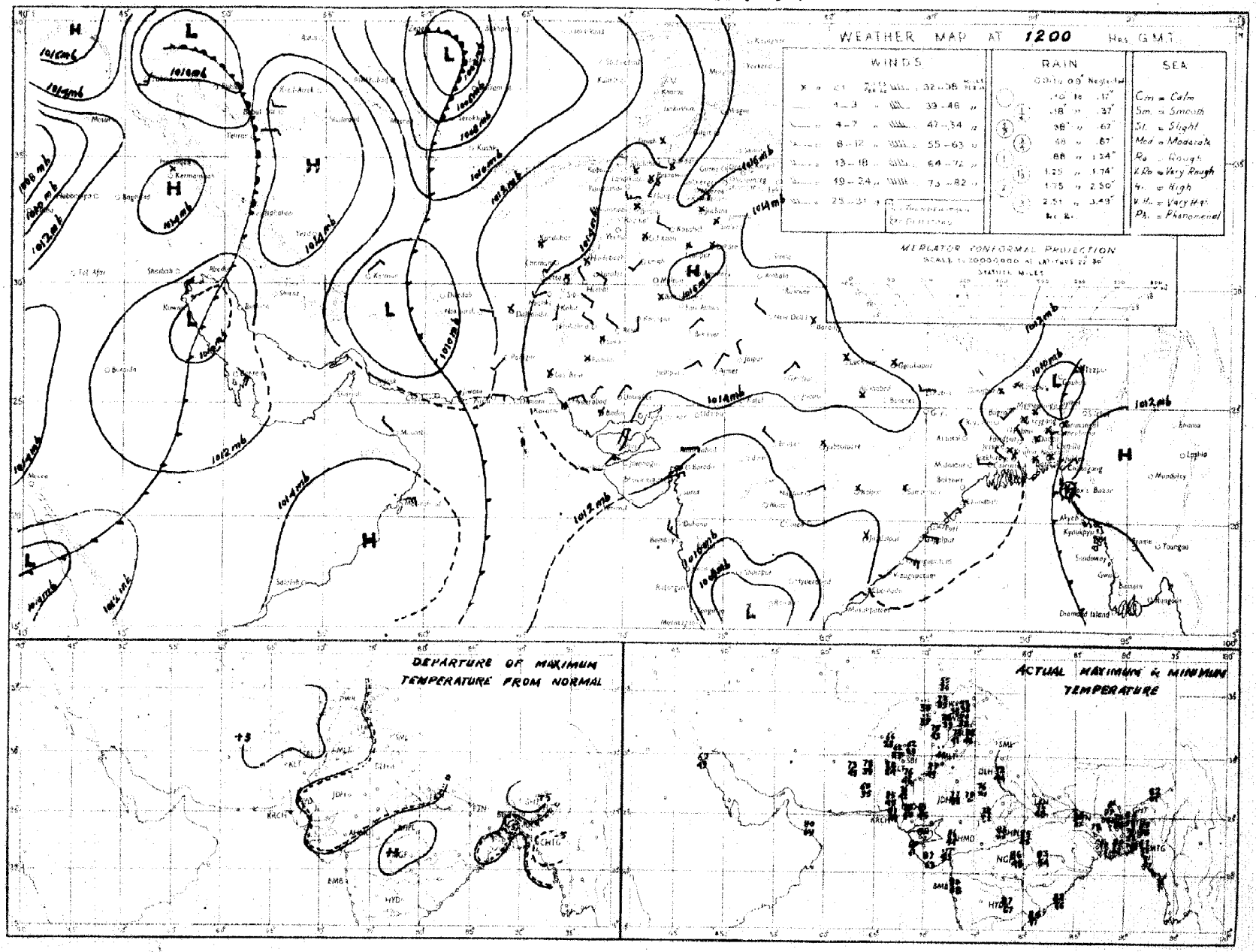
Jhelum 59802 13125
Peshawar 53002 429××

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet

N. P. W.

PAKISTAN DAILY WEATHER MAP

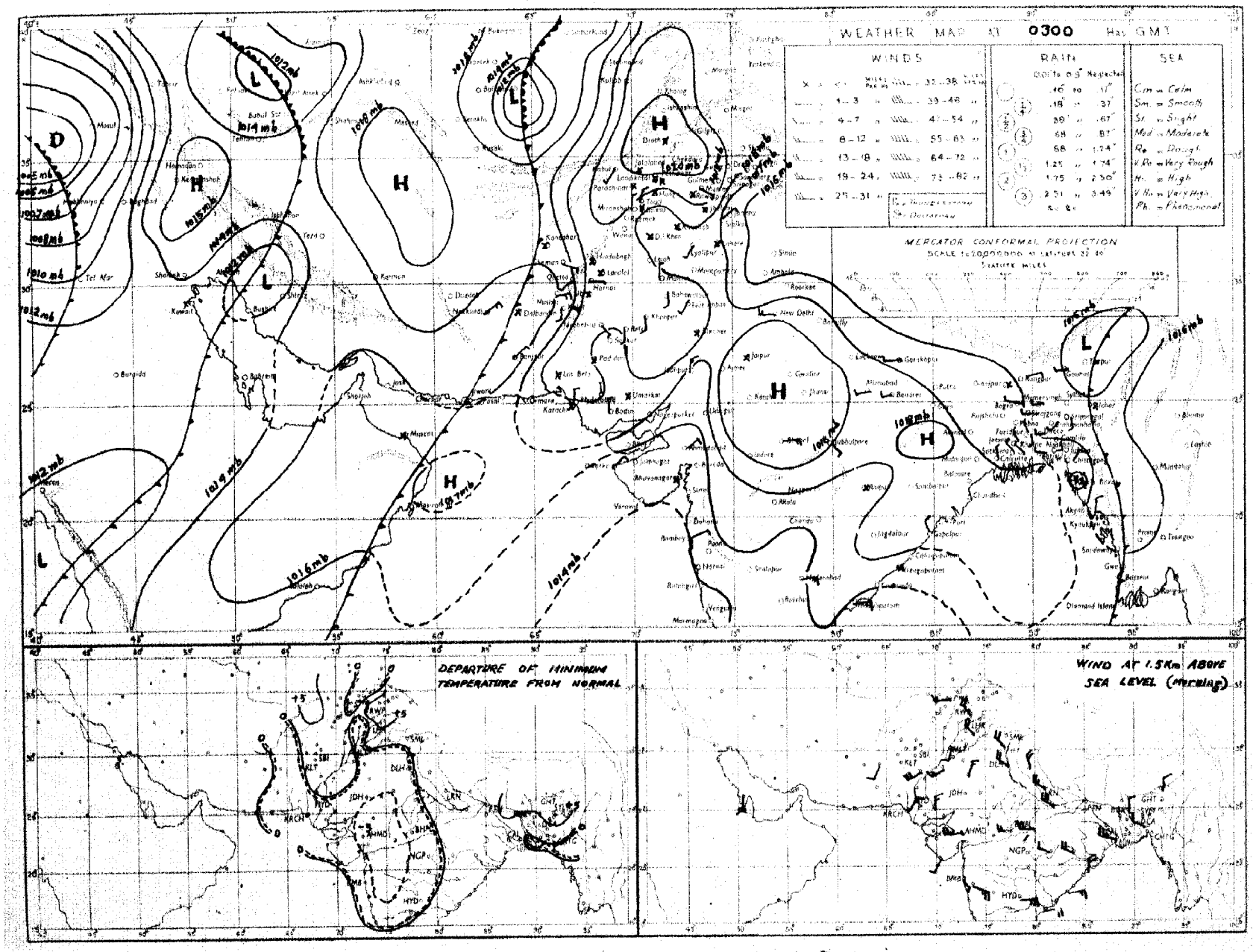
SATURDAY 15th DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 16th, DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR MONDAY, THE 17th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A complex low lies over Iran and Russian Turkistan.

Weather remained dry over the country.

Night temperatures were appreciably to markedly above normal in the North-West Frontier Province and northeast Baluchistan.

Forecast valid until the evening of 18th:—Weather will be cloudy with scattered rain/drizzle in the North-West Frontier Province and Kashmir.

Karachi-11.
The 17th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Depart-ture from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 52	0 00 00	96 00 1	145 70	0 0 9 0 0	- - - 77	000 55	0 00 00	97 00 0	182 69	0 0 9 0 0	- - - 55	- 2	- 3	1.3	- 2.7	122.7	140
	Chittagong	000 59	0 27 02	96 00 4	142 68	0 0 9 0 0	8 × × 77	000 60	0 09 05	97 00 0	186 61	0 0 9 0 0	- - - 56	- 1	- 1	0.3	- 2.4	134.8	105
	Noakhali	000 57	0 00 00	92 53 0	××× 69	0 0 9 0 0	- - - 77	000 57	0 00 00	95 42 4	××× 64	0 0 9 0 0	- - - 55	- 1	- 3	0.7	- 1 1		115
	Comilla	000 58	1 00 00	96 01 0	137 68	1 1 7 0 0	- - - 70	000 56	0 36 05	98 00 0	176 65	0 0 9 0 0	- - - 56	- 8	+ 2	1.4	- 0.2	132.6	94
	Brahmanbaria	000 59	0 00 00	×× 00 0	142 74	0 0 9 0 0	- - - 79	000 58	0 00 00	97 00 0	179 68	0 0 9 0 0	- - - 57	—	-	0.9	- 0.5	66.4	78
	Dacca	××× 58	1 00 00	×× 01 1	135 69	1 5 6 0 0	5 × × 81	××× 56	00 00	95 00 0	185 65	0 0 9 0 0	- - - 49	—	-		—		—
	Narayanganj	000 58	0 00 00	×× 00 1	137 70	× × × × ×	8 × × 80	000 53	0 0 00	95 00 1	176 60	× × × × ×	9 × × 55	+ 3	- 2	0.7	- 0.3	89.5	74
	Mymensingh	000 60	0 00 00	99 00 0	142 73	0 0 9 0 0	- - - 82	000 56	0 00 00	99 00 0	189 64	0 0 9 0 0	- - - 57	+ 6	+ 3	3.0	+ 2.1	64.8	91
	Srimangal	000 59	1 00 00	×× 01 1	141 62	2 2 6 0 0	- - - 78	000 57	3 00 00	96 02 1	190 63	0 0 9 3 0	- - - 50	- 3	+ 2	1.9	+ 0.3	107.1	98
	Khulna	000 57	0 00 00	98 00 0	147 68	0 0 9 0 0	- - - 81	000 56	0 00 00	98 00 0	191 70	0 0 9 0 0	- - - 55	+ 4	0	0.8	- 0.5	54.2	68
	Satkhira	000 59	0 00 00	97 00 0	147 74	0 0 9 0 0	- - - 79	000 51	0 36 02	98 00 0	173 61	0 0 9 0 0	- - - 53	0	+ 1	0.7	- 1.2	45.3	65
	Jessore	000 54	0 00 00	×× 00 1	150 63	0 0 9 0 0	- - - 78	000 51	0 36 03	97 00 0	179 68	0 0 9 0 0	- - - 49			1.1	0	47 0	65
	Faridpur	000 61	0 00 00	94 10 0	135 71	0 0 9 0 0	- - - 72	000 52	0 00 00	95 05 0	176 64	0 0 9 0 0	- - - 51	- 3	- 3	1.5	- 0 2	67.0	71
	Barisal	000 55	0 00 00	97 00 0	139 71	0 0 9 0 0	- - - 78	000 58	0 00 00	98 00 0	186 65	0 0 9 0 0	- - - 56	+ 1	+ 6	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampu Boalia																		56
	Birajganj	000 61	1 00 00	×× 02 1	134 70	1 6 2 0 0	- - - 75	000 51	0 00 00	98 00 0	181 69	0 0 9 0 0	- - - 52	- 1	- 1	3.3	+ 2.5	69.1	64
	Bogra	000 55	1 00 00	95 01 0	131 71	1 1 8 0 0	- - - 80	000 50	0 00 00	95 00 0	190 63	0 0 9 0 0	- - - 49	+ 4	- 4	2.0	+ 1.1	47.0	69
	Dinajpur	000 47	0 00 00	×× 00 0	148 65	0 0 9 0 0	- - - 80	000 46	0 00 00	98 00 0	194 63	0 0 9 0 0	- - - 43	+ 4	- 7	0.6	+ 0 2	49 2	72
	Rangpur	000 ××	0 00 00	×× 00 1	-- -	0 0 9 0 0	- - - - -	000 ××	0 00 00	98 00 1	— —	0 0 9 0 0	- - - - -			1.2	+ 0 7	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Allahad																		
PUNJAB	Lyallpur	000 45	3 00 00	96 01 0	143 70	0 0 9 0 3	0 2 0 75	000 42	3 16 02	93 40 4	175 44	0 0 9 0 3	3 0 0 48	+ 6	+ 2	0.4	+ 0.2	10.5	12
	Lahore	000 47	2 00 00	96 02 1	149 69	0 0 9 6 2	5 7 - 72	000 44	4 00 00	95 05 1	181 49	0 0 9 3 0	9 × 6 41	0	+ 2	1.3	+ 1.0	15.0	19
	Sialkot	000 47	3 00 00	97 02 1	146 63	3 0 8 6 1	- - - 66	000 43	6 05 02	97 02 1	179 52	4 0 8 6 4	- - - 45	- 2	+ 3	1.0	+ 1.5	20.7	32
	Jhelum	000 45	5 00 00	97 02 1	146 61	0 0 9 0 8	- - - 69	000 43	6 00 00	95 10 1	185 45	0 0 9 1 0	- - - 40	—	-	1.9		28.6	—
	Rawalpindi	000 37	6 27 02	97 02 1	152 56	0 0 9 3 0	- - - 60	000 29	5 00 00	96 05 1	205 41	0 0 9 3 0	- - - 36	+ 8	- 1	2.1	+ 1.4	27.9	36
	Murree †	000 22	7 11 03	96 02 1	957 45	0 0 9 5 0	9 × 4 54	000 12	7 27 03	97 02 1	957 42	2 5 5 5 0	9 × 2 39	+ 5	+ 5	2.6	+ 1.1	47.7	59
	Attock	××× ××	8 00 00	97 02 0	-- -	0 0 9 0 7	- - - - -	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - -	-	—				
	Khushab	000 47	5 29 02	99 01 1	141 69	5 0 8 7 0	- - - 74	000 38	0 11 05	99 00 0	179 45	0 0 9 0 0	- - - 42	+ 3	+ 1	0.6	+ 0.3	8.6	15
	Montgomery	000 54	0 00 00	97 00 0	153 73	0 0 9 0 0	- - - 76	000 38	0 31 03	96 00 0	177 45	0 0 9 0 0	- - - 40	+ 5	- 2	1.1	+ 0.9	7.2	10
	Leiah	000 48	0 00 00	97 00 0	138 74	0 0 9 0 0	- - - 76	000 35	0 31 03	97 00 0	179 40	0 0 9 0 0	- - 37	0 4	—		0.9	6.9	8
	Multan	000 45	0 00 00	97 00 0	145 75	0 0 9 0 0	- - - 76	000 32	0 00 00	95 00 0	176 44	0 0 9 0 0	- - - 43	+ 6	+ 1	0	- 0.2	6.9	7
	Khanpur	000 45	3 23 03	97 00 0	146 75	0 0 9 0 2	0 9 × 78	000 33	0 18 02	97 00 0	170 49	0 0 9 0 0	- - - 42	+ 3	- 1	0.1	- 0.1	2.1	6
	Bahawalpur	000 50	0 30 00	97 00 0	145 70	0 0 9 0 0	- - - 79	000 35	0 12 02	97 00 0	188 48	0 0 9 0 0	- - - 43	+ 6	0	0.1	- 0.1	4.6	6
	Fort Abbas	000 44	0 23 02	96 00 0	155 73	0 0 9 0 0	- - - 75	000 35	0 04 02	96 00 0	158 48	0 0 9 0 0	- - - 37	-	—	1.3	-	5.0	8
N. W. F. P.	Drosh *	000 09	6 00 00	97 02 2	016 50	3 5 7 2 0	- - - 53	000 14	6 00 00	95 02 1	058 39	0 0 9 6 0	- - - 36	+ 2					18
	Chakdara	000 42	7 20 03	98 03 1	186 56	7 0 6 7 0	9 0 9 61	000 38	6 27 03	98 01 2	185 45	6 0 6 7 0	0 0 9 36		—	1.2	—	21.5	—
	Cherat *	000 27	6 36 04	97 01 1	003 53	0 0 9 8 0	5 × 6 62	000 28	6 36 07	97 03 2	014 51	0 0 9 8 0	9 × 0 43	+ 9					22
	Peshawar	000 43	7 05 02	96 02 1	152 59	0 0 9 7 1	- - - 69	000 37	5 00 00	96 01 2	186 45	0 0 9 7 0	2 9 × 43	+ 8	+ 3	0 8	+ 0.2	9.9	14
	Parachinar	000 19	7 13 02	99 02 2	962 52	0 0 9 6 3	4 0 0 59	000 21	5 26 02	98 02 2	976 43	1 2 7 6 0	- - - 39	+ 5					29
	Miranshah	000 52	4 13 02	98 01 1	010 61	0 0 9 0 5	9 0 × 67	000 30	5 05 02	98 01 1	020 47	0 0 9 4 0	- - - 43		—	9.5	+ 0.1	11.0	18
	Bannu	000 44	5 18 02	99 01 1	147 64	0 0 9 3 0	- - - 73	000 45	4 00 00	99 01 2	182 48	4 5 3 0 0	- - - 47	—	—	0.5		6.3	11
	D. I. Khan	000 48	0 00 00	95 00 0	140 69	0 0 9 0 0	- - - 74	000 39	0 00 00	94 00 0	189 47	0 0 9 0 0	- - - 41	+ 3	+ 1	0	- 0.3	2.8	9
	Wana																		11
	Landikotal	000 29	7 00 00	99 02 2	995 55	7 5 5 0 0	- - - 60	000 26	5 00 00	99 02 1	011 41	5 4 6 0 0	- - - 37		—	0.9	—	12.8	—
	Hangu	××× ××	6 00 00	99 03 1	-- -	0 0 9 6 0	9 × × —	××× ××	8 00 00	99 03 1	— —	0 0 9 4 0	9 × 0 —	—	—		—		—
	Thull	××× ××	4 18 09	98 01 1	— —	0 8 7 1 2	0 0 0 --	××× ××	4 00 00	98 03 1	— —	0 8 7 2 1	0 0 0 --	—	—	—	—		—
BALUCHISTAN	Fort Sandeman*	000 20	1 00 00	97 01 1	088 68	0 0 9 7 0	4 × × 67	000 11	1 00 00	98 01 1	030 37	0 0 9 6 0	1 × × 34	+ 8	+ 3	0.3	- 0.1	10.3	12
	Hindubagh	000 11	2 27 06	98 01 0	931 55	0 0 9 0 2	- - - 64	000 13	0 00 00	98 00 0	968 40	0 0 9 0 0	- - - 30		—	0	—	9.0	—
	Loralai	000 18	0 00 00	96 00 0	939 58	0 0 9 0 0	- - - 63	000 15	0 00 00	96 00 0	020 35	0 0 9 0 0	- - - 29	—	—	0.1	—	18.6	—
	Harnai (a)	000 ××	0 11 05	95 00 0	- —	0 0 9 0 0	- - - - -	000 ××	0 09 02	96 00 0	-- - —	0 0 9 0 0	- - - - -		—	0.1	- 0.4	10.7	14
	Sibi	000 23	0 28 05	98 00 0	187 73	0 0 9 0 0	- - - 77	000 37	0 00 00	98 00 0	166 45	0 0 9 0 0	- - - 42	—	—	0	—	3.8	5
	Quetta †	000 28	2 31 05	99 01 1	962 58	0 0 9 3 0	7 × 0 61	000 26	0 00 00	98 00 0	958 33	0 0 9 0 0	- - - 25		—	0.1	- 0.8	9.4	9
	Dhaman	000 22	0 23 02	97 00 0	018 62	0 0 9 0 0	- - - 66	000 23	0 11 02	97 00 0	018 46	0 0 9 0 0	- - - 42	+ 3	+ 6	0	- 1.2	0.6	3
	Nushki	000 35	0 29 05	97 00 0	018 70	0 0 9 0 0	- - - 72	000 38	0 00 08	96 00 0	106 55	0 0 9 0 0	- - - 52		—	0	—	5.4	—
	Dalbandin *	000 38	4 00 00	96 03 1	996 70	0 0 9 0 4	- - - 73	000 26	1 05 02	96 03 0	002 42	0 0 9 0 1	- - - 38	+10	+ 3	0	- 0.3	1.8	4
	Nokkundi	000 34	5 16 02	99 03 0	115 72	0 0 9 0 5	5 8 × 73	000 24	1 34 05	99 03 0	160 49	0 0 9 0 1	0 0 × 44	—	—	0	—	1.0	2
	Kalat †	000 14	0 31 05	98 00 0	971 56	0 0 9 0 0	- - - 62	000 22	0 13 05	98 00 0	984 30	0 0 9 0 0	- - - 26	+ 7	0	0.5	- 0.1	10.2	7
	Turbat							000 26	0 05 05	98 00 0	209 59	0 0 9 0 0	- - - 51			0		1.4	—
	Panjgur *	000 43	2 23 07	97 03 1	593 68	0 0 9 0 2	9 4 × 68	000 25	0 03 05	97 00 0	010 44	0 0 9 0 0	- - - 26	+ 4	- 3	0	—	3.2	5
	Las Bela	000 45	0 22 02	99 00 0	139 32	0 0 9 0 0	- - - 84	000 46	0 32 02	98 00 0	172 62	0 0 9 0 0	- - - 49	—	—	0	—	1.7	8
	Ormara																		8
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 45	0 27 05	98 00 0	144 77	0 0 9 0 0	- - - 78	000 28	0 09 02	96 00 0	166 48	0 0 9 0 0	- - - 42	—	—	0	—	9.2	—
	Jacobabad	000 40	4 25 03	97 03 0	143 76	0 0 9 0 4	- - - 78	000 35	1 00 00	×× ×× ×	165 50	0 0 9 0 1	- - - 45	+ 4	0	0	- 0.2	0.7	4
	Sukkur	000 45	6 00 ××	96 03 1	143 74	0 0 9 0 9	4 6 × 82	000 46	2 ×× ××	96 02 1	165 52	0 0 9 0 4	9 0 × 48			0	—	1.0	4
	Padidan	000 35	0 09 09	98 00 0	147 76	0 0 9 0 0	- - - 77	000 33	0 00 00	98 00 0	162 50	0 0 9 0 0	- - - 44	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 48	0 25 05	99 00 0	145 76	0 0 9 0 0	- - - 80	000 51	0 00 00	98 00 0	156 62	0 0 9 0 0	- - - 59	+ 3	0	0.1	- 0.1	1.7	3
	Karachi (*A. P.*)	000 58	0 20 07	98 00 0	144 75	0 0 9 0 0	- - - 81	000 46	1 00 00	97 03 0	159 55	1 5 6 0 0	- - - 52	—		0		3.0	—
	Badin	000 36	0 36 02	97 00 0	137 81	0 0 9 0 0	- - - 83	000 36	0 00 00	97 00 0	173 50	0 0 9 0 0	- - - 45	+ 3	- 6	1.0	+ 0 7	7.8	9
	Nagarparkar																		
	Ohbor (*Umarkot*)	000 55	0 34 03	97 00 0	135 76	0 0 9 0 0	- - - 80	000 38	0 00 00	97 00 0	165 52	0 0 9 0 0	- - - 45	+ 2	-	0	-	2.3	—
	Hyderabad	000 46	0 00 00	97 00 0	143 76	0 0 9 0 0	- - - 81	000 46	0 00 00	96 00 0	160 55	0 0 9 0 0	- - - 52	+ 3	+ 1	0	- 0.1	2.0	7
Bombay	Veraval																		20
Afghanistan	Kabul	000 18	8 16 05	98 03 2	995 46	8 7 6 --	- - - 50	000 21	2 02 02	98 01 1	018 31	1 8 8 0 1	- - - 27	—	—	0.1	—	10.7	12
	Jalalabad	000 32	7 00 00	97 03 1	012 61	0 0 9 2 0	3 × 9 64	000 31	4 00 00	97 01 1	015 42	0 0 9 4 0	4 × 9 40	—	—	0.3	—	7.3	—
	Kandahar	000 27	2 00 00	98 01 1	983 67	0 0 9 0 9	- - - 72	000 24	0 00 00	97 00 0	003 40	0 0 9 0 0	- - - 27	—	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 17TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_cT_d	N dd ff	VVwwW	PPPTTT	$N_hC_LhC_MC_H$	$W_1D_1D_MT_eT_x$	At 0300 Hrs. G. M. T. of date. RRR T_cT_d	NddFF	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_1D_MT_eT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arabia	Muscat	—	000 64	0 05 02	99 00 0	143 72	0 0 9 0 0	— — — 80	000 58	0 00 00	99 00 0	158 70	0 0 9 0 0	— — — 69	+ 3	0	0	— 0.8	3.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 62	0 11 05	97 00 0	127 66	0 0 9 0 0	— — — 67	000 51	0 34 10	97 00 0	206 55	0 0 9 0 0	— — — 53	—	—	0.3	—	1.8	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_M C_H	D_s v_s ADD	3 N_s Ch_s h_s	O T_s T_s T_d T_d	$1d_w$ d_w F_w H_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Khosrou	13 086	716 06	0 05 14	99 00 0	145 81	00 9 00	2 3 020	—	0 01 72	1 06 23
Badarpur	13 178	734 06	5 00 00	99 02 1	1 8 83	48 5 69	—	—	—	—
Jalazad	13 176	672 06	3 31 07	99 02 0	120 81	21 8 60	6 5 ×××	—	0 51 75	1 32 ××
Nadir	13 097	750 06	1 04 05	98 02 0	139 82	11 6 00	3 4 300	3 1 880	0 51 78	1 04 21
Qian Buchunan	13 129	735 12	5 00 00	99 06 0	110 82	00 9 00	6 5 810	—	0 52 81	1 00 20
Valaketo	13 148	738 12	0 26 04	99 00 0	115 84	00 9 00	—	—	—	—
Freesland	13 086	709 42	4 07 07	98 03 0	100 84	42 3 00	—	—	0 01 81	1 05 21
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	b1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	013 21	127 60	000 44	211 16	855 02	165 46	700 37	107 25
	11	12	13	14	15	16	17	18	19
Karachi	500 34	529 97	301 97	309 91	201 04	009 94	555 55	349 00	180 01
	20	21	22	23	24	25	26		
Karachi	678 00	145 75	446 00	049 07	504 00	639 94	833 50		

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATIO	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30
	2	3	4	5	6	7	8	9	10	11
Bogra	24 05	25 08	25 05	27 06	—	—	—	—	—	—
Dhhor	05 13	04 12	02 12	04 10	27 10	29 18	28 25	29 37	—	—
Chittagong	27 01	24 01	29 03	32 10	28 10	22 12	26 22	—	—	—
Cox's Bazar	30 10	26 10	36 04	32 12	24 08	26 06	27 25	25 24	—	—
Dacca	09 07	31 06	32 05	31 06	29 13	—	—	—	—	—
Dalbandin	—	—	23 01	18 06	27 07	30 13	26 23	24 45	28 87	—
Drosh	—	—	—	—	02 00	03 07	22 04	—	—	—
Port Sandeman	—	—	—	24 05	22 05	24 11	25 25	26 34	27 37	—
Jacobabad	21 04	23 06	23 08	23 10	24 10	26 13	28 17	27 24	28 55	29 69
Jhelum	32 03	30 07	30 12	31 12	29 07	32 10	29 15	29 27	—	—
Jiwani	—	—	—	—	—	—	—	—	—	—
Karachi	34 06	35 04	35 04	35 03	35 04	29 10	27 15	27 31	28 49	28 66
Khanpur	23 07	26 08	26 11	22 11	22 11	26 21	29 20	26 27	—	—
Lahore	31 10	30 12	30 11	31 10	30 08	29 13	31 18	30 20	29 46	19 03
Multan	22 05	22 11	21 10	20 10	29 06	27 12	28 22	29 29	—	—
Peshawar	—	11 06	02 04	28 04	31 08	29 06	25 17	28 25	29 32	28 49
Quetta	—				20 03	25 09	26 27	27 51	28 81	28 97
Bushire	—					—				
Sharjah	—					—				

STATIO	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10
	12	13	14	15	16	17
Bogra	32 08	29 07	30 07	27 13	—	—
Dhhor	—	—	—	—	—	—
Chittagong	02 05	03 04	07 04	26 04	19 07	29 17
Cox's Bazar	06 06	36 04	07 03	25 02	21 05	—
Dacca	02 13	02 08	35 08	33 12	—	—
Dalbandin	—		18 10	20 10	24 11	25 15
Drosh	—		—	22 10	03 08	35 08
Port Sandeman	—				—	—
Jacobabad	30 03	20 08	21 11	26 08	31 07	28 11
Jhelum	04 02	28 02	28 04	30 10	30 07	25 08
Jiwani	—	—	—	—	—	—
Karachi	29 15	29 08	26 04	25 05	28 05	31 08
Khanpur	23 06	22 08	22 11	27 09	28 02	30 20
Lahore	27 04	29 10	30 09	33 03	32 06	31 07
Multan	21 02	21 17	21 13	21 09	29 05	28 03
Peshawar	—	35 03	35 02	32 02	33 04	33 06
Quetta		—	No	ascent	—	—
Bushire	—	—				
Sharjah						

STATIO	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	18	19	20	21	22	23	24	25
Bogra	31 04	27 06	23 10	25 16	27 21	27 08	28 19	—
Dhhor	07 02	09 02	24 02	36 04	26 15	30 12	30 31	29 32
Chittagong	03 06	03 10	04 10	35 19	34 31	30 09	27 15	—
Cox's Bazar	35 08	35 04	06 04	03 03	24 09	26 08	26 23	—
Dacca	05 04	05 05	05 05	32 11	31 29	28 25	27 24	—
Dalbandin	—	—	09 04	19 03	29 04	26 09	29 39	27 39
Drosh	—	—	—	—	05 03	01 21	11 03	24 22
Port Sandeman	—	—	—	24 03	20 06	21 06	26 19	—
Jacobabad	09 02	25 01	14 03	18 13	26 08	28 19	26 25	—
Jhelum	35 02	21 01	28 07	29 09	29 03	31 07	24 07	—
Jiwani	—	—	—	—	—	—	—	—
Karachi	29 03	29 12	27 12	25 07	25 09	25 12	27 32	28 41
Khanpur	19 07	20 07	24 09	30 10	28 03	31 10	28 32	23 40
Lahore	27 02	28 06	29 08	29 08	32 06	33 06	27 12	27 16
Multan	20 09	30 13	21 12	32 0	29 03	30 05	27 20	—
Peshawar	—	32 01	11 01	24 0	30 07	11 02	28 06	27 10
Quetta	—	—			10 02	28 08	28 36	—
Bushire					—	—	—	—
Sharjah						—		—

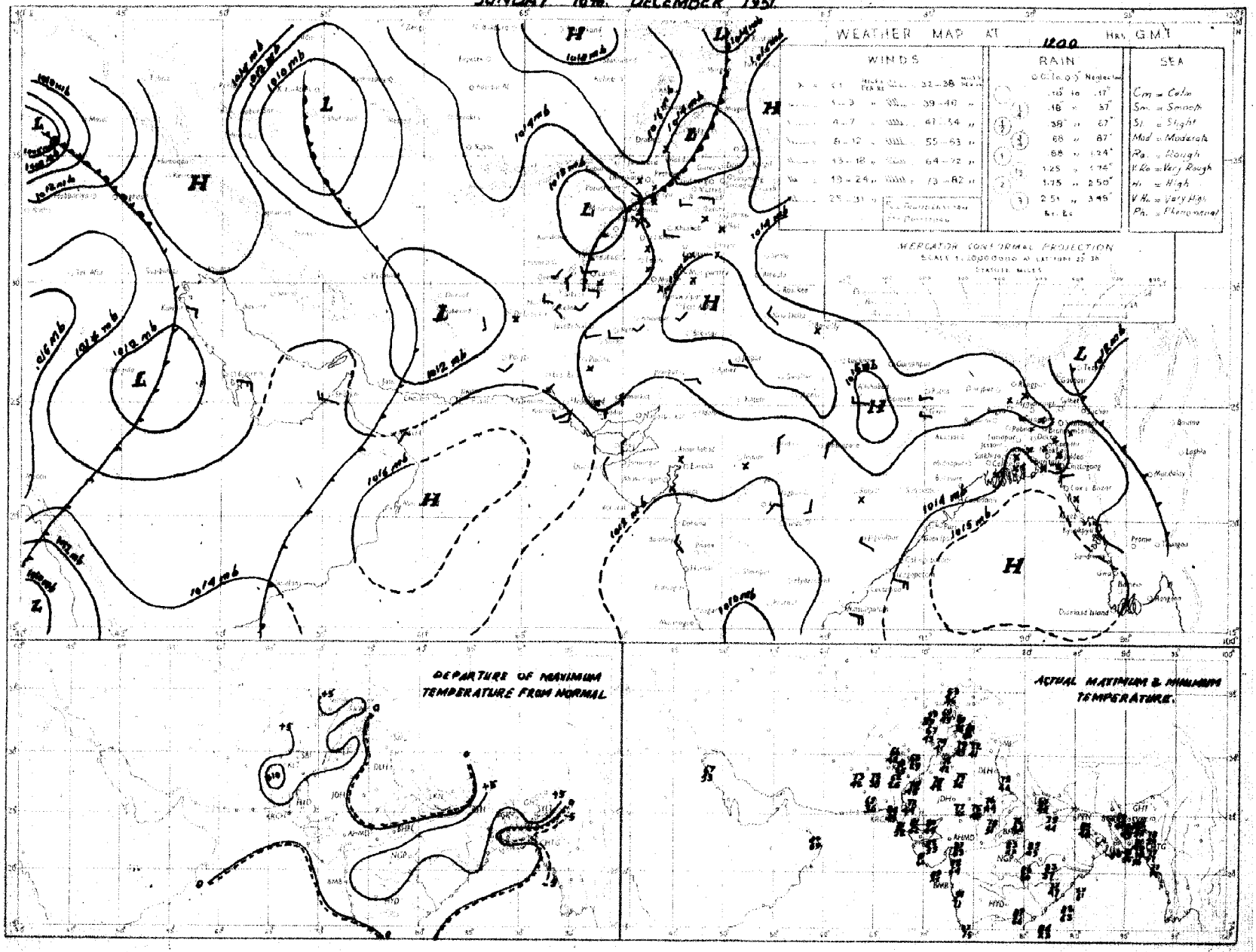
Cloud Observation Data (iiiGG Cddv, v,)

Jhelum 59803 42511

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, k.m. The levels given at the head of the columns are the nearest equivalent levels in thousands of N. F. W.

PAKISTAN DAILY WEATHER MAP

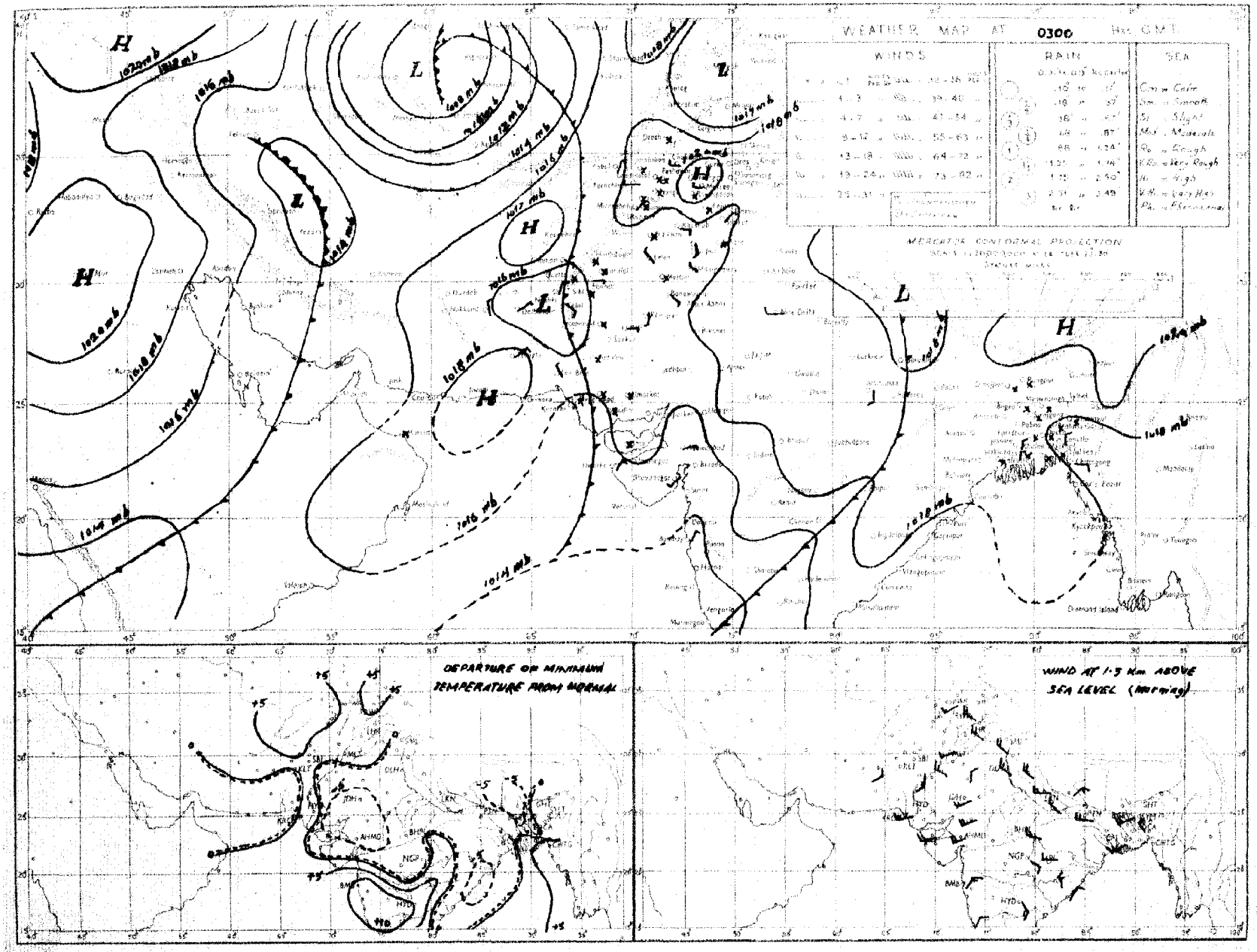
SUNDAY 16th. DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 17th. DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR TUESDAY, THE 18th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

An active western disturbance is approaching north Baluchistan and the North-West Frontier Province.

Weather continued to be dry over the country.

Night temperatures were appreciably to markedly above normal over West Pakistan outside the Punjab.

Forecast valid until the evening of 19th :—Local rain/drizzle will commence in north Baluchistan and the North-West Frontier Province this evening and extend into Kashmir and the adjoining north Punjab by tomorrow where a few falls of snow are also likely.

Karachi-11.
The 18th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 52 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 59	0 00 00	95 00 0	165 72	0 0 9 0 0	- - - 79	000 57	0 00 00	97 00 0	199 67	0 0 9 0 0	- - - 54	0	- 4	1.2	- 2.8	122.7	140
	Chittagong	000 55	0 34 05	96 00 0	168 69	0 0 9 0 0	- - - 78	000 58	0 05 02	97 00 0	××× 70	0 0 9 0 -	- - - 54	0	- 3	0.2	- 2.5	134.8	105
	Noakhali	000 56	0 00 00	93 48 0	××× ××	0 0 9 0 0	- - - 77	000 00	0 00 00	94 40 4	××× 61	0 0 9 0 0	- - - 55	- 1	- 3	0.7	- 1.1	—	115
	Comilla	000 57	0 00 00	96 00 0	163 67	0 0 9 0 0	- - - 72	000 58	0 00 00	98 00 0	202 63	0 0 9 0 0	- - - 59	- 6	+ 5	1.4	- 0.2	132.6	94
	Brahmanbaria	000 54	0 00 00	×× 00 0	169 77	0 0 9 0 0	- - - 79	000 58	0 00 00	97 00 0	204 70	0 0 9 0 0	- - - 55	—	—	0.9	- 0.5	66.4	78
	Dacca	××× 55	0 00 00	×× 00 1	164 65	0 0 9 0 0	5 × × 79	000 52	00 00	97 00 0	202 65	0 0 9 0 0	- - - 48	—	—	-	-	—	—
	Narayanganj	000 54	0 00 00	×× 00 1	158 69	× × × × ×	4 × × 81	000 58	0 00 00	95 00 1	197 .0	0 0 9 0 0	3 × × 55	+ 4	- 2	0.7	- 0.3	89.5	74
	Mymensingh	000 50	0 00 00	99 00 0	175 72	0 0 9 0 0	- - - 80	000 56	0 00 00	99 00 0	210 63	0 0 9 0 0	- - - 56	+ 4	+ 2	3.0	+ 2.1	64.8	91
	Brimangal	000 57	0 00 00	×× 00 1	159 58	0 0 9 0 0	- - - 77	000 59	1 00 00	96 02 1	205 64	0 0 9 3 0	- - - 49	- 4	+ 1	1.9	+ 0.3	107.1	98
	Khulna	000 56	0 00 00	98 00 0	170 69	0 0 9 0 0	- - - 79	000 58	1 0 02	97 01 0	208 69	1 5 8 0 0	- - - 59	+ 2	+ 4	0.8	- 0.5	54.2	68
	Satkhira	000 57	3 00 00	97 01 0	167 61	2 5 7 5 0	- - - 80	000 53	4 31 02	97 03 1	201 68	3 4 7 6 0	- - - 56	+ 1	+ 4	0.7	- 1.2	45.3	66
	Jessore	000 57	0 00 00	×× 00 0	171 67	0 0 9 0 0	- - - 82	000 51	1 09 05	97 01 1	209 64	1 8 6 0 0	- - - 53	1.1	0	47.0	47.0	66	
	Faridpur	000 59	1 00 00	94 10 0	162 62	1 5 7 0 0	9 × × 70	000 54	0 00 00	95 05 0	203 6 1	0 0 9 0 0	- - - 53	- 5	- 1	1.5	+ 0.2	67.0	71
	Barisal	000 55	0 00 00	97 00 0	164 70	0 0 9 0 0	- - - 77	000 59	0 00 00	98 00 0	205 67	0 0 9 0 0	- - - 57	0	+ 2	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampur Boalia																		48
	Sirajganj	000 57	0 00 00	×× 00 0	172 66	0 0 9 0 0	- - - 75	000 54	0 00 00	98 00 0	216 65	0 0 9 0 0	- - - 57	- 1	+ 4	3.8	+ 2.5	69.1	64
	Bogra	000 52	0 00 00	96 00 0	164 70	0 0 9 0 0	- - - 78	000 51	0 02 02	95 00 0	208 68	0 0 9 0 0	- - - 50	+ 2	+ 3	2.0	+ 1.1	47.0	69
	Dinajpur	000 45	0 00 00	×× 00 0	172 62	0 0 9 0 0	- - - 78	000 46	0 00 00	96 00 0	219 63	0 0 9 0 0	- - - 44	+ 2	- 6	0.6	+ 0.1	49.2	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	- - - —	000 ××	0 00 00	96 00 1	— —	0 0 9 0 0	- - - —	—	-	—	—	—	86
KASHMIR	Srinagar †																		—
	Gulmerg †																		—
	Sonamerg (a)																		—
	Deas †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Allabad																		—
PUNJAB	Lyallpur	000 42	0 00 00	96 00 0	167 59	0 0 9 0 0	- - - 74	000 41	3 00 00	93 11 4	223 43	0 0 9 0 3	- - - 41	+ 6	0	0.4	+ 0.1	10.5	12
	Lahore	000 51	0 00 00	96 00 0	170 71	8 0 0 75	000 41	1 00 00	95 01 1	229 43	0 0 9 0 1	8 × × 41	+ 3	+ 2	1.3	+ 1.0	16.0	18	
	Sialkot	000 50	4 00 00	97 02 1	168 65	4 0 8 1 0	- - - 70	000 43	2 00 00	97 02 1	229 52	2 0 8 6 0	- - - 45	+ 2	+ 3	1.9	+ 1.5	20.7	32
	Jhelum	000 46	1 00 00	97 01 1	169 64	0 0 9 3 0	- - - 69	000 41	0 00 00	94 10 0	224 43	0 0 9 0 0	- - - 39	—	—	1.9		28.8	—
	Rawalpindi	000 43	2 00 00	99 01 1	163 59	0 0 9 1 0	- - - 72	000 35	0 00 00	97 00 1	229 39	0 0 9 0 0	- - - 38	+ 6	+ 1	2.1	+ 1.4	27.9	26
	Murree †	000 19	5 29 02	97 02 1	066 43	0 0 9 5 0	- - - 52	000 18	0 00 00	98 00 1	009 39	0 0 9 0 0	- - - 32	+ 4	- 2	2.6	+ 1.1	47.7	59
	Attock	××× ××	3 00 00	95 01 0	— —	0 0 9 0 2	- - - —	××× ××	0 00 00	96 00 0	— —	0 0 9 0 0	- - - —	—	—				—
	Khushab	000 44	0 18 02	99 00 0	168 67	0 0 9 0 0	- - - 75	000 39	0 02 05	99 00 0	217 44	0 0 9 0 0	- - - 42	+ 4	+ 1	0.6	+ 0.3	8.6	16
	Montgomery	000 51	0 00 00	97 00 0	164 73	0 0 9 0 0	- - - 76	000 37	0 00 00	96 00 0	224 44	0 0 9 0 0	- - - 42	+ 5	0	1.1	+ 0.9	7.2	10
	Leiah	000 44	0 23 02	96 00 0	168 64	0 0 9 0 0	- - - 75	000 37	0 00 00	96 00 0	234 43	0 0 9 0 0	- - - 40	0 4	—	0.2	- 0.2	6.9	8
	Multan	000 41	0 15 02	97 00 0	168 72	0 0 9 0 0	- - - 76	000 40	0 00 00	96 00 0	231 51	0 0 9 0 0	- - - 44	+ 6	+ 2	0	- 0.2	6.9	7
	Khanpur	000 45	2 00 00	96 04 0	158 73	0 0 9 0 2	0 9 × 79	000 36	4 02 03	96 00 0	216 49	0 0 9 0 2	0 × 9 47	+ 4	+ 4	0.1	- 0.1	2.1	6
	Bahawalpur	000 51	0 00 00	97 00 0	158 73	0 0 9 0 0	- - - 80	000 38	2 11 03	97 03 0	219 46	0 0 9 0 8	0 0 0 44	+ 7	+ 1	0.1	- 0.1	4.0	6
	Fort Abbas	000 62	0 05 02	96 00 0	160 70	0 0 9 0 0	- - - 78	000 42	0 04 02	96 00 0	234 53	0 0 9 0 0	- - - 39	—	—	1.2	—	5.0	8
N. W. F. P.	Dresh *	000 14	3 00 00	98 02 2	018 52	0 0 9 4 -	- - - 56	000 15	0 00 00	99 00 1	097 29	0 0 9 0 0	- - - 38	+ 5	+ 4	1.1	—	23.8	18
	Chakdara	000 42	4 25 03	99 03 1	155 58	4 0 6 2 0	- - - 67	000 32	0 34 03	98 00 0	248 40	6 0 9 0 0	- - - 35	—	—	1.2	—	21.5	—
	Cherat *	000 38	2 18 04	97 01 1	019 55	0 0 9 5 0	4 × 0 62	000 30	0 36 05	98 00 0	062 47	0 0 9 0 0	- - - 40	+10	- 2	2.8	+ 1.7	31.7	30
	Peshawar	000 45	4 00 00	95 05 1	174 0	0 0 9 0 4	- - - 65	000 35	1 00 00	96 05 0	244 40	0 0 9 3 0	- - - 38	- 1	- 2	0.8	+ 0.2	9.9	14
	Parachinar							000 20	1 00 00	99 01 1	006 59	0 0 9 3 0	- - - 35		+ 4	1.6		29.5	22
	Miranshah	000 53	0 09 02	98 00 0	006 63	0 0 9 0 0	- - - 67	000 25	0 05 02	99 00 0	050 39	0 0 9 0 0	- - - 38	-	-	0.5	+ 0.1	11.0	13
	Bannu	000 34	0 07 02	99 00 0	164 68	0 0 9 0 0	- - - 71	000 35	0 00 00	99 00 0	240 42	0 0 9 0 0	- - - 42	—	—	0.5		6.3	11
	D. I. Khan	000 43	0 00 00	96 00 0	171 69	0 0 9 0 0	- - - 74	000 35	0 36 02	95 00 0	233 49	0 0 9 0 0	- - - 47	+ 3	+ 7	0	- 0.8	2.8	9
	Wana																		11
	Landikotal	000 31	2 00 00	99 02 1	169 57	8 8 6 0 0	- - - 63	000 30	0 00 00	99 00 1	244 40	0 0 9 0 0	- - - 33	-	—	0.9	—	12.8	—
	Kohat	××× ××	4 00 00	99 03 1	— —	0 0 9 2 0	9 × 0 —	××× ××	0 00 00	99 00 1	— —	0 0 9 0 0	- - - —	—	—	-	—	—	—
	Thull	××× ××	0 23 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 15	0 00 00	97 05 0	013 64	0 0 9 0 0	- - - 67	000 20	0 00 00	98 05 0	078 38	0 0 9 0 0	- - - 36	+ 8	+ 5	0.3	- 0.1	10.3	11
	Hindubagh	000 28	0 27 02	98 00 0	045 60	0 0 9 0 0	- - - 65	000 18	4 09 02	98 01 0	085 33	0 0 9 0 2	- - - 25	.	—	0	—	9.0	—
	Loralai	000 20	0 00 00	96 00 0	066 61	0 0 9 0 0	- - - 66	000 18	0 13 02	96 00 0	050 34	0 0 9 0 0	- - - 30	—	—	0.1	—	15.6	—
	Harnai (a)	000 ××	0 29 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 05 02	96 00 0	— —	0 0 9 0 0	- - - —		—	0.1	- 0.8	10.7	16
	Sibi	000 32	0 00 00	99 00 0	146 74	0 0 9 0 0	- - - 77	000 35	2 00 00	98 01 0	215 45	0 0 9 0 1	1 9 × 43	-	—	0	—	8.8	5
	Quetta †	000 35	3 34 03	99 01 0	965 61	0 0 9 0 8	- - - 62	000 29	5 16 07	98 02 2	994 47	0 0 9 4 5	9 0 0 32		—	0.1	- 0.8	9.4	9
	Chaman	000 31	0 31 02	97 00 0	005 64	0 0 9 0 0	- - - 68	000 31	6 09 02	97 03 1	025 55	0 0 9 2 0	- - - 45	+13	+ 9	0	- 1.2	9.6	8
	Nushki	000 48	3 29 05	97 00 0	017 73	0 0 9 0 0	- - - 72	000 47	0 07 03	94 00 0	073 57	0 0 9 0 0	- - - 59		—	0	—	5.4	—
	Dalbandin *	000 37	1 00 00	96 01 1	997 74	0 0 9 0 1	- - - ××	000 25	4 00 00	96 03 1	016 44	0 0 9 4 5	7 9 9 41	—	+ 6	0	- 0.4	1.8	4
	Nokkundi	000 34	3 11 09	99 03 1	099 55	0 0 9 0 2	- - - 76	000 34	4 02 02	99 01 1	178 54	0 0 9 0 5	- - - 48	—	—	0	—	1.0	2
	Kalat †	000 33	0 27 02	98 00 0	971 60	0 0 9 0 0	- - - 64	000 21	5 13 05	98 03 0	014 32	0 0 9 4 0	2 0 6 31	+10	+ 5	0.5	- 0.2	10.2	7
	Turbat	000 58	0 27 05	98 00 0	798 80	0 0 9 0 0	- - - 84	000 37	0 09 05	98 00 0	549 67	0 0 9 0 0	- - - 58		—	0	-	1.4	—
	Panjgur *	000 45	0 23 02	97 00 0	983 71	0 0 9 × ×	- - - 72							+ 8					5
	Las Bela	000 54	0 16 02	99 00 0	147 83	0 0 9 0 0	- - - 85	000 51	0 00 00	98 00 0	182 58	0 0 9 0 0	- - - 52	—	—	0	—	1.7	8
	Ormara																		8
	Pasni																		5
	Jiwani																		4
SIND	Keti	000 29	0 36 02	96 00 0	154 77	0 0 9 0 0	- - - 78	000 32	0 00 00	96 00 0	216 46	0 0 9 0 0	- - - 43	—	—	0	—	9.2	—
	Jacobabad	000 41	0 18 02	97 00 0	156 76	0 0 9 0 0	- - - 78	000 38	3 18 02	96 02 1	218 54	0 0 9 0 1	- - - 50	+ 4	+ 5	0	- 0.2	0.7	4
	Sukkur	000 45	2 ×× ××	96 02 1	150 74	0 0 9 0 4	- - - 82	000 37	2 ××× ××	96 02 1	210 55	0 0 9 0 4	9 0 × 49		-	0	—	1.0	4
	Padidan	000 43	0 00 00	98 00 0	153 78	0 0 9 0 0	- - - 79	000 40	0 00 00	98 00 0	207 47	0 0 9 0 6	- - - 45	—	—	0	—	0.9	—
	Karachi (*Manora*)	000 61	0 23 05	99 00 0	147 78	0 0 9 0 0	× 0 1 79	000 55	0 05 05	98 00 0	199 64	0 0 9 0 6	- - - 61	+ 2	+ 2	0.1	- 0.1	1.7	3
	Karachi (*A. P.*)	000 63	0 23 09	98 00 0	145 75	0 0 9 0 0	- - - 82	000 50	0 36 02	97 00 0	198 57	0 0 9 0 0	- - - 55	—	—	0		3.0	—
	Badin	000 41	0 02 27	97 00 0	144 82	0 0 9 0 0	- - - 86	000 43	0 36 02	97 00 0	199 56	0 0 9 0 0	- - - 55	+ 6	+ 4	0.9	+ 0.7	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 58	0 00 00	97 00 0	144 77	0 0 9 0 0	- - - 83	000 40	0 00 00	97 00 0	192 51	0 0 9 0 0	- - - 45	-	-	0	-	2.3	—
	Hyderabad	000 51	0 36 02	97 00 0	146 81	0 0 9 0 0	- - - 84	000 43	0 36 03	96 00 0	203 58	0 0 9 0 0	- - - 54	+ 6	+ 3	0	- 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	000 22	1 02 02	99 01 0	021 52	1 8 8 0 0	- - - 56							—					12
	Jalalabad	000 44	2 00 00	97 01 1	002 66	0 0 9 4 8	8 × 8 70							—					—
	Kandahar	000 36	0 00 00	98 00 0	979 69	0 0 9 0 0	- - - 74	000 29	2 00 00	97 01 1	005 39	0 0 9 4 0	- - - 31	-	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 18TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_tnC_uC_m$	$W_1D_sD_wT_sT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_tnC_uC_m$	$W_1D_sD_wT_nT_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arabia	Muscat	—	000 61	0 05 02	99 00 0	149 77	0 0 9 0 0	— — — 92	000 61	0 00 00	99 00 0	193 71	0 0 9 0 0	— — — 70	+ 5	+ 1	0	− 0.8	8.8	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 56	0 25 12	97 00 0	193 62	7 0 9 0 4	× 0 2 92	000 47	0 02 00	97 00 0	235 53	0 0 9 0 0	× 0 1 50	—	—	0.3	—	1.8	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,599-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	VQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_t hC_M C_H$	$D_s v_s$ app	$S N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Groin	23 120	545 06	1 06 19	98 02 0	155 77	12 4 00	6 4 605	—	0 55 xx	1 05 ×1
Sanveronovco	23 182	581 06	1 06 02	98 02 0	174 83	00 9786	0 0 120	—	0 03 63	1 06 x0
Badarpur	23 156	702 06	1 00 09	99 03 0	143 82	10 0 00	—	—	—	—
Alavi	23 175	667 06	1 02 09	99 02 0	206 80	12 5 06	5 3 102	—	—	—
Sterlingshire	23 008	667 12	4 04 00	98 03 1	089 83	32 × 40	7 4 300	—	0 00 74	1 04 01
Lashachanan	23 132	673 12	8 04 09	98 03 0	111 82	31 6 00	6 5 320	—	0 51 79	1 04 22
Sanveronico	23 186	587 12	1 49 10	98 03 0	146 80	11 6 00	1 4 300	—	0 01 58	1 00 x0
Sanveronico	23 195	509 18	1 06 02	98 02 0	174 74	11 6 00	1 4 115	—	0 55 59	1 06 x0
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.	2c
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	2c
Karachi	780 14	013 22	172 60	000 44	211 25	855 02	160 35	700 37	096 61	509 26	659 91	801 76	809 97	555 55	349 00	180 43	678 00	145 07	456 00	015 99	494 00	679 91	813 50	739 97	

PPP—Pressure in hundreds, tens and units of millibars, PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATIO	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡: 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡: 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands on Feet ‡: 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	24 01	26 02	23 07	26 14	27 18	26 17	—	—	—	—	04 04	06 01	06 01	—	—	—	26 04	35 04	30 08	30 07	32 08	30 11	29 24	27 48
Dhhor	33 01	30 02	05 03	25 40	26 13	27 12	27 34	27 37	29 58	—							07 11	05 05	03 09	24 06	27 12	31 11	28 15	
Chittagong	35 07	35 09	35 09	35 12	32 07	26 13	25 25	—	—	—	01 07	35 10	35 18	35 29	—	—	05 09	03 10	01 13	32 21	33 09	39 21	—	—
Cox's Bazar	35 08	35 09	01 13	36 11	34 07	31 12	26 22	26 35	27 58	—	03 15	03 16	01 19	34 22	—	—	35 10	35 13	35 13	34 14	28 10	27 18	—	—
Dacca	36 04	01 05	01 04	36 09	31 17	28 17	27 25	—	—	—	03 12	04 09	04 10	32 07	29 17	31 18	33 12	35 10	35 06	33 07	31 11	31 20	29 35	29 67
Dalbandin	—	—	09 01	18 02	19 03	26 15	27 29	26 47	26 81	—	—	—	10 02	20 08	24 13	25 17	—	—	19 02	23 08	23 23	23 23	23 20	
Drosh	—	—	—		04 02	29 04	15 06	22 13	—	—	—	—	—	04 04	14 02	18 04	—	—	—	—	03 09	01 10	13 04	27 21
Fort Sandeman	—			27 03	33 03	30 11	25 30	28 53	—	—	—	—	—				—			04 01	03 05	21 09	26 16	
Jacobabad	10 03	17 02	17 04	23 04	22 06	24 12	27 25	24 37	27 43	28 65	03 03	11 02	15 04	22 08	26 03	28 12	10 99	11 04	13 03	22 05	25 09	21 15	28 22	
Jhelum	08 01	25 02	29 04	28 06	29 06	24 03	25 12	28 23	29 72		05 04	35 02	25 03	33 05	33 06	32 07	23 03	32 04	31 07	33 08	29 08	33 08	25 02	30 18
Jiwani																								
Karachi	30 05	30 04	26 05	25 11	25 14	27 14	29 32	28 40	27 61	27 58	31 06	31 05	30 01	08 02	32 09	29 11	02 03	01 05	05 08	03 03	32 08	32 10	29 29	27 46
Khanpur	19 03	31 05	21 05	26 05	27 07	27 13	28 28	26 47	29 66	—	07 07	19 05	18 03	33 07	29 01	28 08	11 10	07 07	03 04	34 06	34 08	27 11	28 27	28 50
Lahore	30 03	31 02	30 04	30 04	28 04	29 04	27 15	26 50	—	—	30 01	30 09	29 03	32 05	31 05	30 04	11 01	11 05	10 08	31 06	34 04	32 08	28 07	29 27
Multan	19 09	19 11	19 10	18 03	19 03	30 09	27 21	27 49	—		14 07	15 07	16 07	17 11			15 12	14 10	15 05	34 07	12 02	24 04	27 29	
Peshawar	—	06 02	06 02	22 03	02 03	16 04	23 13	27 30	—	—	—	36 08	03 03	15 03	13 03	27 03	—	25 02	36 03	01 02	08 03	03 03	21 03	27 27
Quetta					29 05	20 07	25 31	25 40	—	—		—	No	ascent	—	—	—	—			15 02	16 07	22 31	—
Bushire						—					—	—			—							—	—	
Sharjah						—																		

Cloud Observation Data (iiiGG Cddv, v,)

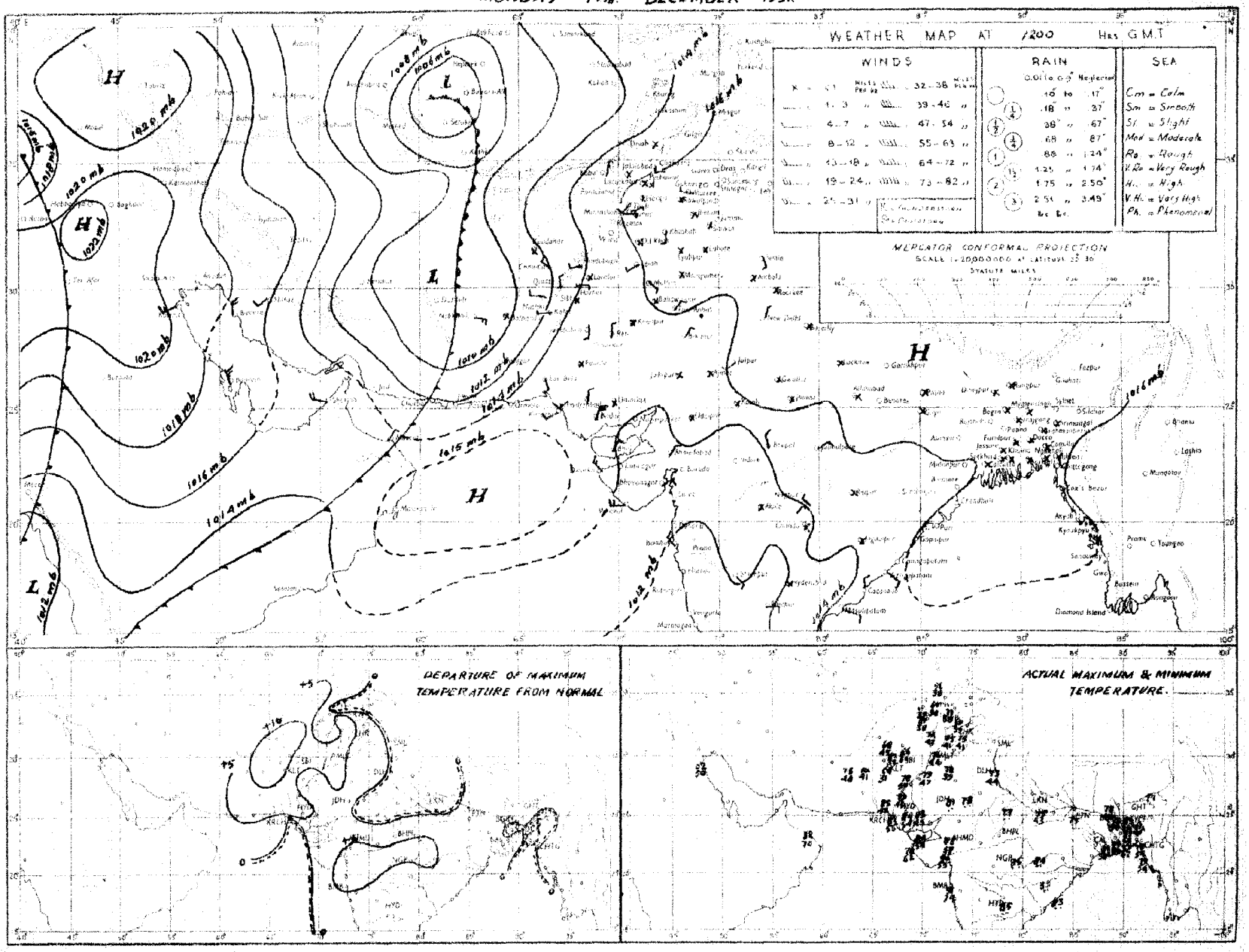
Peshawar 58069 42836

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.5 0.6, 0.8, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest approximate levels in thousands of

N. P. W.

PAKISTAN DAILY WEATHER MAP

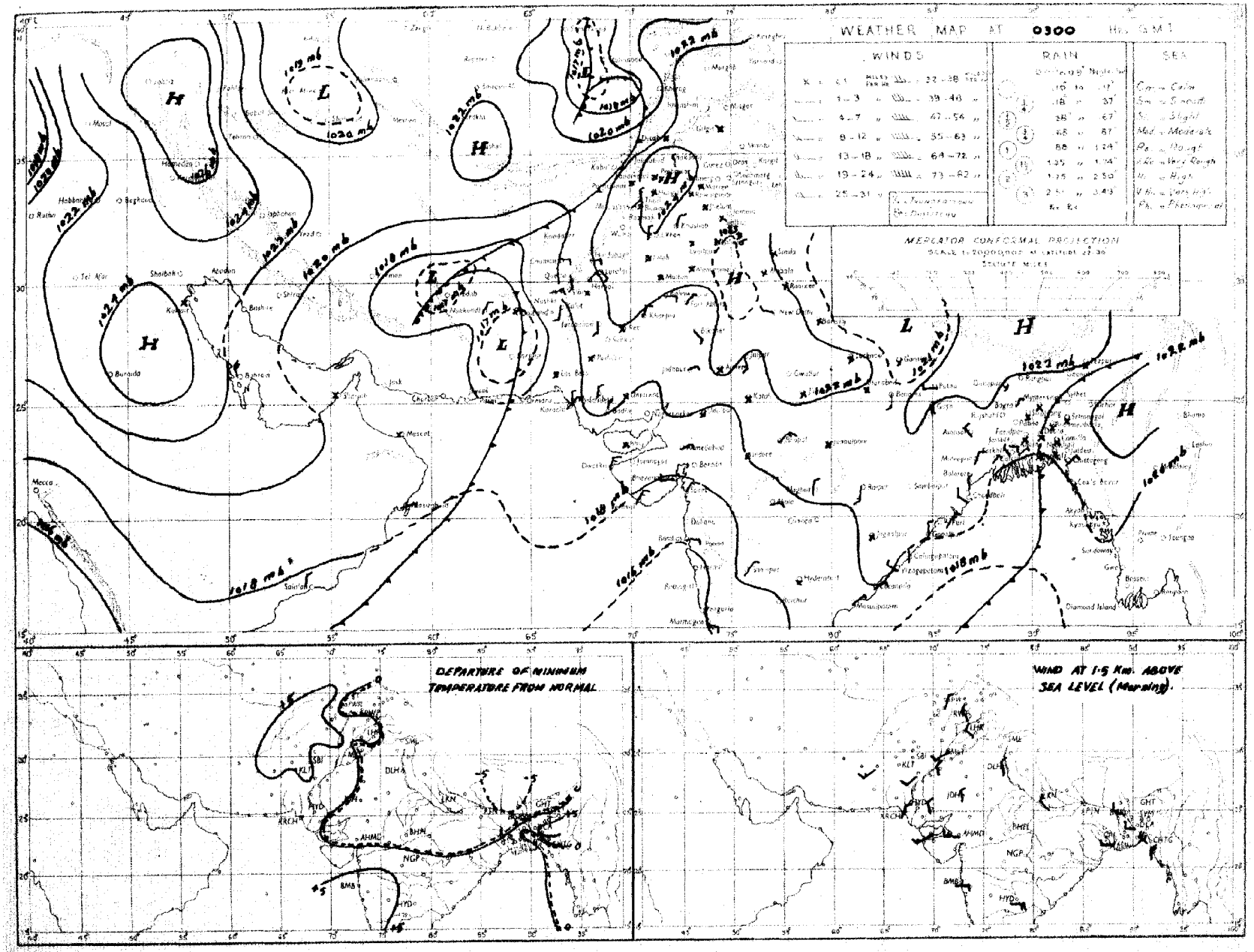
MONDAY 17th. DECEMBER 1951.



Rainfall amounts indicated on the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

TUESDAY 18th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR WEDNESDAY, THE 19th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A shallow low lies over north Baluchistan and the south Punjab.

A western disturbance lies over Iraq and is moving eastnortheastwards.

Night temperatures were appreciably to markedly above normal in the North-West Frontier Province, Baluchistan and Sind and generally appreciably below normal in East Pakistan.

Forecast valid until the evening of 20th :—Weather will be dry over the country.

Night temperatures will fall appreciably to markedly in north Baluchistan and the North-West Frontier Province.

Karachi-11.
The 19th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 66	0 00 00	95 00 0	169 70	0 0 9 0 0	- - - 77	000 55	0 00 00	97 00 0	180 68	0 0 9 0 0	× 0 0 59	- 2	+ 1	1.3	- 2.8	122.7	140
	Chittagong	000 51	0 34 05	96 00 0	169 68	0 0 9 0 0	- - - 77							- 1					108
	Noakhali	000 57	0 00 00	93 40 0	××× 69	0 0 9 0 0	- - - 77	000 54	0 00 00	94 40 4	××× 61	0 0 9 0 0	- - - 53	× 1	- 5	0.7	- 1 1	—	115
	Comilla	000 57	0 00 00	96 00 0	167 67	0 0 9 0 0	- - - 72							- 6					94
	Brahmanbaria	000 49	0 00 00	×× 00 0	171 73	0 0 9 0 0	- - - 77	000 56	0 00 00	97 00 0	182 68	0 0 9 0 0	- - - 53		—	0.9	- 0.5	66.4	75
	Dacca	××× 55	0 00 00	×× 00 1	170 66	0 0 9 0 0	4 × × 79	××× 54	27 02	97 00 0	187 63	0 0 9 0 0	- - - 49	—	—		—	—	
	Narayanganj	000 54	0 00 00	×× 00 0	169 68	0 0 9 0 0	4 × × 79	000 54	0 9 02	95 00 0	183 63	0 0 9 0 0	9 × × 55	—	- 2	0.7	- 0.4	89.5	74
	Mymensingh	000 52	0 00 00	99 00 0	177 79	0 9 9 0 0	- - - 80	000 54	0 05 02	99 00 0	190 63	0 0 9 0 0	- - - 55	+ 6	+ 1	2.0	+ 2.1	64.8	91
	Srimangal	000 57	0 00 00	×× 00 1	171 60	0 0 9 0 0	- - - 79	000 56	1 00 00	96 02 1	192 63	0 0 9 5 0	- - - 47	- 2	- 1	1.9	+ 0.3	107.1	98
	Khulna	000 58	0 00 00	98 00 0	177 68	0 0 9 0 0	- - - 81	000 56	0 00 00	98 01 0	195 68	0 0 9 0 0	- - - 58	+ 4	+ 3	0.8	- 0.5	54.2	68
	Satkhira	000 62	4 00 00	97 03 1	167 70	2 5 7 5 0	- - - 80	000 56	0 0 02	98 00 1	185 65	0 0 9 0 0	- - - 56	+ 1	+ 4	0.7	- 1.2	45.3	65
	Jessore	000 58	0 00 00	×× 00 0	175 68	0 0 9 0 1	- - - 81	000 54	0 00 00	97 00 0	185 68	0 0 9 0 0	- - - 50	—		1.1	- 0.	47.0	65
	Faridpur	000 57	0 00 00	94 10 0	173 68	0 0 9 0 0	- - - 79	000 52	0 00 00	95 05 0	184 64	0 0 9 0 0	- - - 52	+ 4	- 2	1.5	+ 0 2	67.0	71
	Barisal	000 55	0 00 00	97 00 0	168 70	0 0 9 0 0	- - - 78	000 52	0 36 02	98 00 0	190 65	0 0 9 0 0	- - - 56	+ 1	+ 1	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampu Boalia																		56
	Sirajganj	000 59	0 00 00	×× 00 0	173 64	0 0 9 0 0	- - - 74							- 2					64
	Bogra	000 51	0 00 00	96 00 0	167 71	0 0 9 0 0	- - - 78	000 50	0 36 02	95 00 0	192 64	0 0 9 0 0	- - - 50	+ 2	- 3	2.0	+ 1.1	47.0	69
	Dinajpur	000 47	0 00 00	×× 00 0	179 65	0 0 9 0 0	- - - 79	000 46	0 00 00	96 00 0	195 60	0 0 9 0 0	- - - 47	+ 3	- 3	0.6	+ 0.1	49.2	72
	Rangpur	000 ××	0 00 00	×× 02 1	— —	0 0 9 0 0	- - - —	000 ××	0 00 00	96 00 1	— —	0 0 9 0 0			-	1.2	+ 0.7	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Aliabad																		
PUNJAB	Lyallpur	000 41	0 00 00	96 00 0	188 67	0 0 9 0 0	- - - 73	000 40	1 00 00	95 01 0	208 45	0 0 9 0 2	- - - 42	+ 4	+ 1	0.4	+ 0.1	10.5	12
	Lahore	000 48	0 00 00	96 08 0	191 67	0 0 9 0 0	- - - 73	000 41	0 00 00	94 10 0	207 48	0 0 9 0 0	- - - 41	+ 1	+ 2	1.3	+ 1.0	16.0	19
	Sialkot	000 49	0 00 00	97 00 0	189 65	0 0 9 0 0	- - - 68	000 42	0 00 00	97 00 0	200 50	0 0 9 0 0	- - - 43	0	+ 1	2.0	+ 1.4	26.7	32
	Jhelum	000 44	0 18 03	97 00 0	194 65	0 0 9 0 0	- - - 70	000 41	0 00 00	96 09 1	07 43	0 0 9 0 0	- - - 41	—	—	2.0	-	28.6	—
	Rawalpindi	000 42	2 00 00	99 01 1	193 58	0 0 9 1 0	- - - 70	000 36	0 23 02	97 05 1	221 41	0 0 9 0 0	- - - 38	+ 4	+ 1	2.1	+ 1 3	27.9	36
	Murree †	000 26	2 00 00	98 01 1	001 43	0 0 9 8 0	9 × 1 51	000 23	0 27 03	98 00 1	994 43	0 0 9 0 0	9 × × 33	+ 3	- 1	2.6	+ 1.0	47.7	58
	Attock	××× ××	2 13 02	95 01 0	— —	0 0 9 0 1	- - - —	××× ××	0 09 00	95 00 0	— —	0 0 9 0 0	- - - —	-	—				
	Khushab	000 48	0 34 02	99 00 0	186 69	0 0 9 0 0	- - - 74	000 40	0 25 02	99 00 0	209 45	0 0 9 0 0	- - - 42	+ 3	+ 1	0.6	+ 0.3	8.6	15
	Montgomery	000 57	0 00 00	96 08 0	196 71	0 0 9 0 0	- - - 75	000 38	0 31 02	96 00 0	208 43	0 0 9 0 0	- - - 40	+ 4	- 2	1.1	+ 0.9	7.2	10
	Leiah	000 42	0 00 00	97 00 0	188 73	0 0 9 0 0	- - - 75	000 39	0 00 00	97 00 0	213 44	0 0 9 0 0	- - - 41	-	-	0 4	—	6.9	8
	Multan	000 48	0 00 00	96 00 0	192 69	0 0 9 0 0	- - - 76	000 41	0 18 02	96 00 0	210 54	0 0 9 0 0	- - - 45	+ 6	+ 3	0	- 0.2	6.9	7
	Khanpur	000 45	0 02 02	96 04 0	188 71	0 0 9 5 4	0 9 9 77	000 40	2 00 00	96 01 0	210 47	0 0 9 0 2	0 9 1 47	+ 2	+ 4	0.1	- 0.1	2.0	5
	Bahawalpur	000 49	4 00 00	97 03 1	194 69	0 0 9 0 2	9 0 × 78	000 39	0 00 00	97 00 1	209 47	0 0 9 0 0	4 0 0 45	+ 5	+ 2	0.1	- 0.1	4.6	6
	Fort Abbas							000 40	0 05 02	97 00 0	219 49	0 0 9 0 0	- - - 40		—	1.3	—	5.0	8
N. W. F. P.	Drosh *	000 19	8 00 00	98 02 2	044 52	2 2 × 2 –	- - - 56	000 22	0 00 00	99 00 1	090 42	0 0 9 0 0	- - - 39	+ 5	+ 5	1.1	—	22.8	18
	Chakdara	000 44	7 36 02	99 03 1	176 58	7 0 6 5 0	4 0 6 63	000 33	0 34 02	98 00 0	222 43	6 0 9 0 0	- - - 37		-	0	- 1.2	21.5	—
	Cherat *	000 38	2 18 05	98 03 0	040 53	0 0 9 5 0	0 × 0 62	000 33	0 36 07	98 00 1	084 48	0 0 9 0 0	8 × × 46	+ 9	+ 4	2.8	+ 1.7	31.7	29
	Peshawar	000 44	0 02 02	95 05 1	194 61	0 0 9 0 0	- - - 68	000 36	0 00 00	96 00 1	217 42	0 0 9 0 0	- - - 39	+ 2	- 1	0 8	+ 0.2	9.9	14
	Parachinar	000 21	4 18 02	98 02 2	999 53	2 2 5 6 3	3 0 0 58	000 30	0 31 02	99 00 1	996 39	0 0 9 0 0	8 × × 36	+ 4	+ 5	1.0	—	29.5	29
	Miranshah	000 32	4 11 02	98 01 1	024 61	0 0 9 2 5	- - - 65	000 36	0 00 00	99 00 0	047 44	0 0 9 0 0	- - - 38		—	0.5	+ 0.1	11.0	15
	Bannu	000 37	0 11 02	99 00 0	184 63	0 0 9 0 0	- - - 70	000 36	0 00 00	99 00 0	208 47	0 0 9 0 0	- - - 42	—	—	0.5		6.2	13
	D. I. Khan	000 48	0 00 00	96 00 0	179 67	0 0 9 5 0	- - - 73	000 36	0 00 00	91 00 0	204 41	0 0 9 0 0	7 0 0 41	+ 2	+ 1	0	- 0.3	2.8	9
	Wana																		11
	Landikotal	000 29	8 31 02	99 02 1	032 55	8 7 6 0 0	- - - 60	000 33	0 31 02	99 00 1	45 49	0 0 9 0 0	- - - 39		-	0.9	—	12.8	—
	Hangu	××× ××	2 05 02	99 01 1	— —	0 0 9 0 2	8 0 × —	××× ××	0 00 00	99 00 1	— —	0 0 9 0 0	- - - —	—	—		—	—	—
	Thull	××× ××	0 18 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman*	000 15	7 23 05	96 01 1	020 63	7 7 6 0 9	8 × × 64	000 22	0 00 00	98 05 0	090 39	0 0 2 0 0	- - - 38	+ 5	+ 7	0.3	- 0.1	10.8	11
	Hindubagh	000 28	4 27 02	98 01 0	994 51	0 0 9 0 2	- - - 59	000 31	1 09 02	98 00 0	019 41	0 0 9 0 5	- - - 33		-	0	—	9.9	—
	Loralai	000 31	3 13 05	98 01 3	025 58	0 0 9 0 1	- - - 62	000 27	0 27 05	96 00 1	020 35	0 0 9 0 0	- - - —	—		0.1	—	18.6	—
	Harnai (a)	000 ××	4 27 05	94 01 0	-	2 0 8 2 1	- - - —	000 ××	3 09 02	95 00 0	— —	2 0 8 2 1	- - - —			0.1	- 0.5	10.7	14
	Sibi	000 34	6 18 05	98 03 1	187 74	0 0 9 7 0	- - - 76	000 32	4 00 00	98 03 5	206 49	0 0 9 2 0	1 5 × 46	-	-	0	—	4.0	5
	Quetta †	000 41	7 25 05	98 03 2	936 61	0 0 9 5 8	8 0 5 66	000 38	3 02 02	96 41 1	006 42	0 0 9 0 8	9 0 × 36			0.1	- 0.9	9.3	9
	Chaman	000 29	7 28 05	97 03 1	986 65	0 0 9 2 0	8 0 9 70	000 36	0 11 02	97 00 0	073 47	0 0 9 0 0	- - - 46	+15	+10	0	- 1.2	9.6	8
	Nushki	000 41	7 25 07	97 03 1	016 72	0 0 9 2 4	- - - 72	000 41	0 07 05	96 00 0	104 57	0 0 9 0 0	- - - 57		—	0	—	5.4	—
	Dalbandin *	000 40	7 23 07	96 03 1	023 73	0 0 9 0 4	9 6 × 75	000 39	7 00 00	96 02 1	004 51	0 0 9 0 4	- - - 43	+12	+ 8	0	- 0.4	2.0	4
	Nokkundi	000 33	8 22 05	99 03 1	130 78	3 4 5 2 6	9 9 9 79	000 32	4 34 07	99 03 1	208 55	0 0 9 0 5	- - - 41	—	-	0	—	1.0	2
	Kalat †	000 23	5 18 05	98 03 1	005 59	4 1 9 0 4	9 6 0 61	000 25	6 18 05	98 02 2	024 20	0 0 9 0 4	0 6 0 29	+ 7	+ 3	6.5	- 0.2	10.2	7
	Turbat	000 61	0 27 05	98 00 0	××× 82	0 0 2 0 0	- - - 86	000 39	1 00 00	97 03 1	359 58	7 6 7 0 0	- - - 65		-	0	-	1.4	—
	Panjgur *	000 42	8 23 10	97 03 1	009 74	0 0 9 0 4	- - - 74							+10	-				5
	Las Bela	000 49	0 23 02	99 00 0	158 86	0 0 9 0 0	- - - 86	000 32	0 00 00	98 00 0	199 54	0 0 9 0 0	- - - 54	—	—	0	—	1.7	8
	Ormara																		6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 29	5 09 02	96 03 1	186 76	0 0 9 4 0	8 0 6 77	000 34	0 00 00	96 00 0	211 46	0 0 9 0 0	- - - 45	—	—	0	—	9.2	—
	Jacobabad	000 37	7 16 02	97 03 2	188 76	0 0 9 0 5	- - - 80	000 46	4 18 02	96 01 2	211 55	0 0 9 0 5	- - - 50	+ 6	+ 5	0	- 0.2	0.7	4
	Sukkur	000 47	5 ×× ××	96 02 1	182 75	0 0 9 0 4	8 0 × 82	000 45	4 ×× ××	96 02 1	208 50	0 0 9 0 5	9 0 × 49			0	—	1.6	4
	Padidan	000 35	2 00 00	98 03 1	184 76	0 0 9 0 1	- - - 77	000 41	2 31 02	98 01 1	208 48	0 0 9 0 1	- - - 46		—	0	—	0.9	—
	Karachi (*Manora*)	000 60	0 22 05	99 00 0	172 78	0 0 9 0 0	- - - 80	000 46	2 00 00	96 03 1	201 58	0 0 9 0 1	- - - 58	+ 3	-	0		3.0	3
	Karachi (*A. P.*)	000 62	0 23 02	97 00 1	176 80	0 0 9 0 0	- - - 84	000 47	5 00 00	98 02 2	197 68	0 9 × 62	—	+ 3	0.1	- 0.1	1.7	—	
	Badin	000 37	0 36 02	97 00 0	168 88	0 0 9 0 0	- - - 86	000 54	0 36 03	97 00 0	205 56	0 0 9 0 0	- - - 51	+ 6	0	0.9	+ 0 7	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 61	0 24 03	97 00 0	164 80	0 0 9 0 0	- - - 83	000 28	0 00 00	97 00 0	201 52	0 0 9 0 0	- - - 48	-	-	0		2.3	—
	Hyderabad	000 42	0 05 02	97 00 0	168 77	0 0 9 0 0	- - - 80	000 40	0 36 05	96 00 0	203 58	0 0 9 0 0	- - - 57	+ 2	+ 6	0	- 0.1	2.0	7
Junagarh	Veraval																		30
Afghanistan	Kabul							000 30	1 20 03	99 00 8	049 34	1 8 8 0 1	- - - 29	—	—	0.1	—	10.7	13
	Jalalabad	000 34	7 00 00	97 03 1	016 61	0 0 9 8 0	8 × 9 61	000 32	0 23 02	97 00 1	021 44	0 0 9 0 0	- - - 52	—	—	0.3	—	7.8	—
	Kandahar							000 30	0 00 00	97 00 0	040 35	0 0 9 0 0	- - - 32	—	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 19TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_SD_MT_ST_S$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	Ndd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_SD_MT_ST_S$	Departure from Normal T_sT_s	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Average Annual
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
Arabia	Muscat	—	000 64	0 05 02	99 00 0	178 78	0 0 9 0 0	— — — 83	000 65	0 00 00	99 00 0	199 76	0 0 9 0 0	— — — 70	+ 6	+ 1	0	— 0.8	3.3	1
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 42	0 00 00	97 00 0	207 57	0 0 9 0 0	— — — 58	000 52	7 3 6 10	96 01 0	142 65	0 0 9 0 6	× 0 3 ××	—	—	0.3	—	1.8	4
																				5

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,499-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (9,749-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_M C_H	D_s v_s sop	S N_s Ch_s h_s	O T_s T_s T_d T_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Umaria	33 148	626 06	2 22 95	98 01 9	202 76	12 5 60	—	—	—	—
Ugoleno	33 145	665 06	1 06 04	81 01 1	206 74	11 6 00	1 5 320	—	0 54 70	1 07 21
Badarpur	33 183	666 06	1 00 12	99 02 0	184 79	11 5 00	—	—	—	—
Sanveronico	33 221	508 06	0 00 02	99 00 0	157 76	00 9 00	1 8 110	—	0 00 66	1 00 x0
Sterlingshire	33 028	640 06	1 08 11	99 02 0	131 85	11 × 00	7 4 103	—	0 01 78	1 07 x2
Nijrcama	32 161	588 18	3 08 09	99 01 2	164 76	11 5 01	1 5 800	—	0 52 68	1 07 32
Alavi	33 161	601 18	0 05 09	99 00 0	220 80	00 9 00	6 3 302	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoXrX2	PrPrhrhrhr	TrTrTdrTdrTxr etc.	5555	hrhrPrPrPr	TrTrTdrTdrTxr etc.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 14	015 24	162 60	000 50	281 51	855 10	175 16	700 44	096 51	549 36	549 94	301 84	829 94	555 55	359 00	190 41	688 00	145 69	466 00	039 97	504 00	669 97	823 80	759 90	602 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATIO	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	29 05	29 05	29 07	29 03	09 05	28 15	29 33	—		—	36 06	35 05	31 04	31 04	—	—	34 08	31 06	31 07	31 13	30 14	28 17		—
Chhor	04 07	01 03	03 06	36 07	28 10	30 15	29 33	28 45	28 58	—					—	—	03 10	02 10	34 10	33 09	27 07	28 12	29 21	28 33
Chittagong	31 19	32 15	32 10	34 18	32 10	28 20	28 19	—	—	—	35 15	35 13	35 13	35 15	31 22	30 19	36 11	35 12	34 13	32 16	30 15	28 16	27 31	28 54
Cox's Bazar	35 04	35 08	35 09	34 17	31 22	27 27	28 32	—	—	—	01 14	30 16	35 15	34 15	31 17	27 20	01 13	36 15	36 17	33 23	30 11	26 20	—	—
Dacca	30 10	31 08	31 07	30 10	30 12	29 21	28 36	—	—	—	36 10	34 10	32 10	33 15	29 14	—	35 06	34 08	31 09	28 12	29 16	29 23	29 37	29 32
Dalbandin	—	—	23 06	23 12	22 13	24 15	27 27	27 45	—	—	—		29 06	34 05	04 06	28 11	—	—	06 02	07 10	35 05	26 01	23 10	31 31
Drosh	—	—	—		02 06	24 01	19 07	—	—	—	—		—	—	04 08	04 05	—	—	—		04 36	01 31	01 24	29 68
Fort Sandeman	—			28 03	20 08	23 11	27 39	—		—					—	—				26 04	24 11	30 19	30 46	
Jacobabad	11 03	10 03	10 04	16 05	24 09	26 15	27 25	29 31	29 34	—	03 02	05 03	22 09	29 10	30 13	29 15	35 01	31 03	26 02	29 10	35 12	30 15	29 27	—
Jhelum	27 02	32 04	32 09	30 09	30 09	29 03	29 12	27 30	27 40		30 04	31 07	30 10	30 09	30 12	29 14	30 08	29 13	30 16	29 11	32 05	29 10	29 18	30 21
Jiwani																								
Karachi	06 06	07 04	06 04	33 02	34 04	26 10	28 36	27 48	27 63	28 78	36 06	01 02	09 01	34 07	31 15	27 11	04 08	04 07	02 06	01 08	29 14	33 10	28 25	28 30
Khanpur	4 04	08 05	09 05	25 05	26 06	29 13	27 33	29 39			09 07	13 02	28 02	27 12	29 14	31 13	12 06	20 01	28 04	30 13	32 13	30 09	29 29	
Lahore	31 02	31 05	31 07	31 08	31 03	31 10	29 16	28 33	27 54	29 32	28 09	28 18	28 12	29 13	31 11	30 06	32 04	30 12	31 12	31 11	29 07	30 13	31 14	31 26
Multan	20 03	17 03	17 03	17 04	17 06	26 09	28 27	28 33	28 50	28 72	14 05	19 02	24 04	25 10	29 13	32 13	18 07	18 06	20 09	26 11	32 14	30 15		
Peshawar	—	03 04	07 03	13 02	18 03	23 07	25 18	24 40	27 38	28 80	—	33 07	28 04	31 13	31 11	31 04	—	12 04	15 06	31 09	32 17	03 10	27 07	30 10
Quetta					18 06	24 25	—	27 33	—	—		—	No	ascent	—	—	—	—	—	—	30 10	30 35	31 31	29 58
Bushire						—					—	—	—		—				—		—	—	—	—
Sharjah						—					—	—	—		—							—		

Cloud Observation Data (iiiGG Cddv, v,)

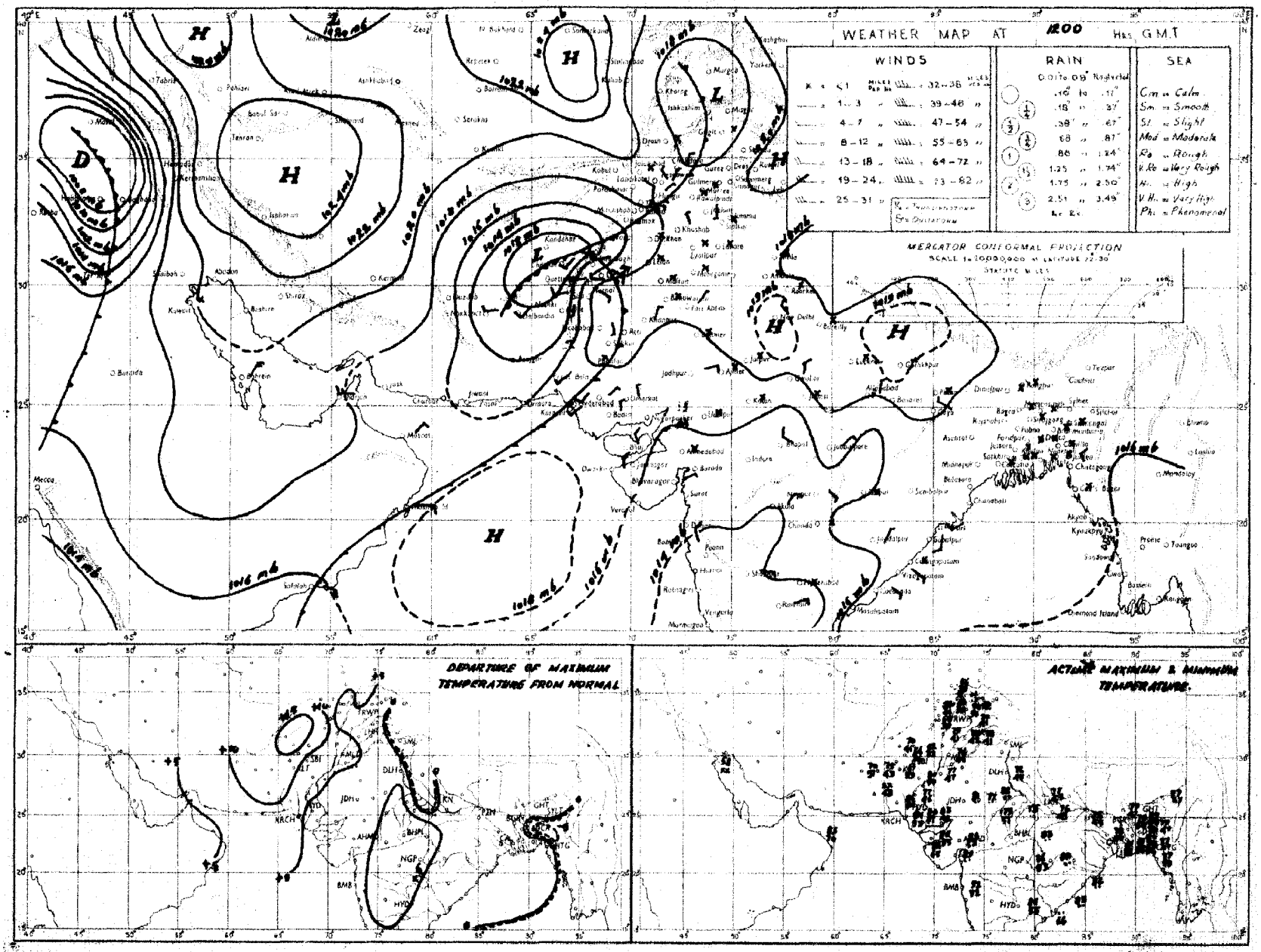
Quetta 66008 42213

Drosh 51508 42577

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.5, 2.1 2.6, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of N. P. W.

PAKISTAN DAILY WEATHER MAP

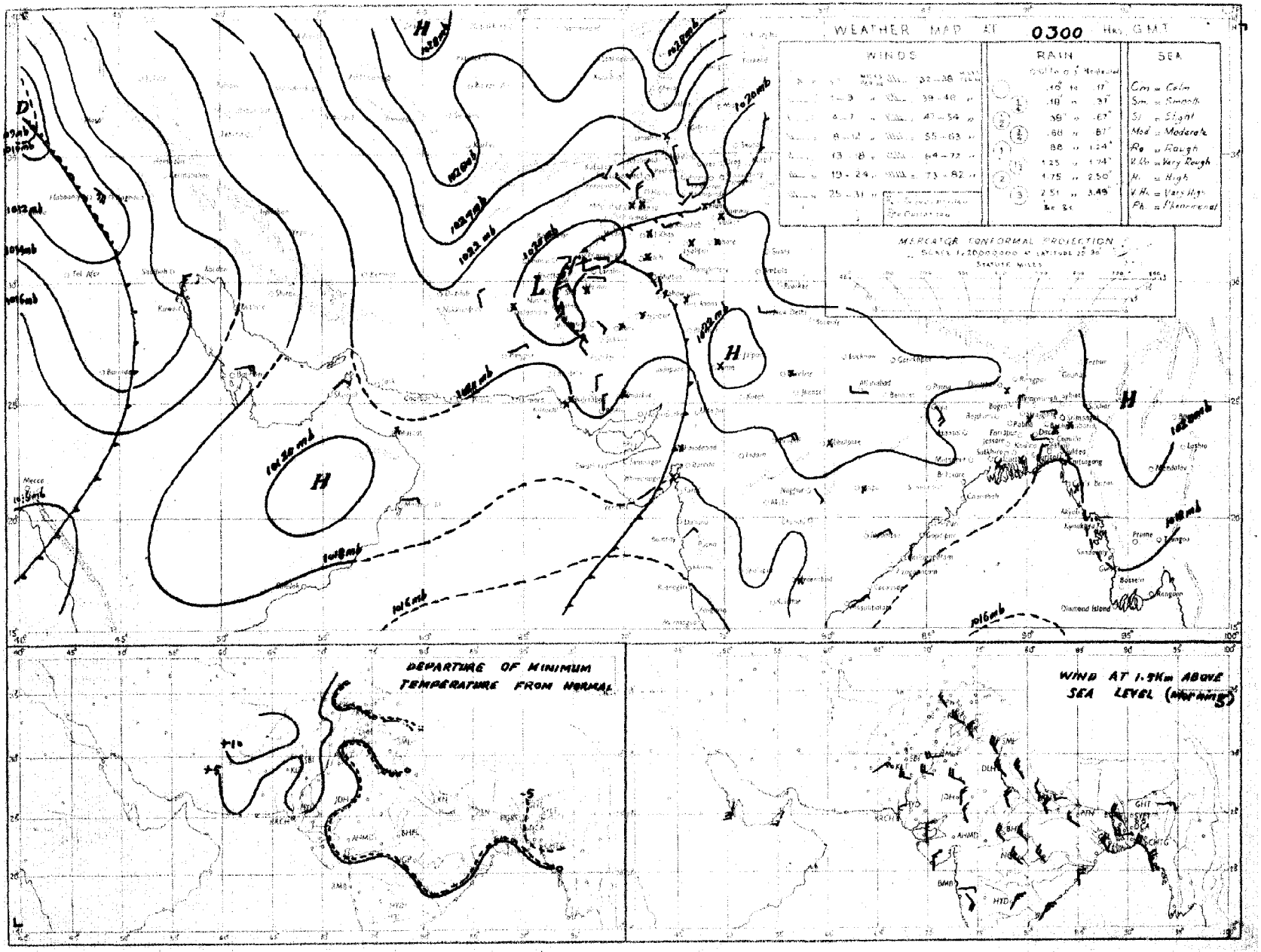
TUESDAY 18th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 19th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 20th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low extends from Afghanistan to upper Sind across northeast Baluchistan.

The western disturbance over Iraq now lies over northwest Iran. Its secondary is approaching Persian Gulf.

Weather remained dry over the country.

Night temperatures were appreciably to markedly above normal in West Pakistan outside the north Punjab.

Forecast valid until the evening of 21st :—Weather will be cloudy with scattered rain/drizzle in north Baluchistan and the North-West Frontier Province. Morning mist/fog will also occur along Sind Mekran coast.

Karachi-11.
The 20th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. BRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date BRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar							000 54	0 00 00	97 00 0	183 62	0 0 9 0 0	- - - 57		- 1	1.8	- 2.8	122.7	140
	Chittagong	000 53	0 34 02	96 00 0	154 69	0 0 9 0 0	- - - 77	000 59	0 05 05	97 00 0	190 66	0 0 9 0 0	- - - 53	- 1	- 4	0.3	- 2.5	134.8	108
	Noakhali	000 53	0 00 00	92 48 0	××× 67	0 0 9 0 0	- - - 76	000 58	0 00 00	94 40 4	××× 61	0 0 9 0 0	- - - 52	- 2	- 6	0.7	- 1.1		115
	Comilla	000 56	0 27 02	96 00 8	158 68	0 0 9 0 0	- - - 77	000 58	0 00 00	98 00 0	195 63	0 0 9 0 0	- - - 59	- 1	+ 5	1.4	- 0.2	132.6	94
	Brahmanbaria	000 59	0 00 00	×× 00 0	157 71	0 0 9 0 0	- - - 77	000 59	0 00 00	97 00 0	176 66	0 0 9 0 0	- - - 55		-	0.9	- 0.5	66.4	78
	Dacca	××× 55	0 00 00	×× 00 0	152 66	0 0 9 0 0	- - - 78	××× 55	00 00	97 10 0	155 62	0 0 9 0 0	- - - 49	-	-				
	Narayanganj	000 51	0 00 00	×× 00 0	153 67	0 0 9 0 0	9 × × 79	000 53	0 00 00	95 00 1	179 65	0 0 9 0 0	3 × × 54	+ 2	- 3	0.7	- 0.4	89.5	74
	Mymensingh	000 52	0 00 00	99 00 0	157 69	0 0 9 0 0	- - - 73	000 59	0 00 00	98 00 0	188 64	0 0 9 0 0	- - - 55	+ 2	+ 1	3.0	+ 2.1	64.8	61
	Srimangal	000 57	0 00 00	×× 00 1	155 59	0 0 9 0 0	- - - 79	000 55	0 00 00	96 00 1	190 64	0 0 9 0 0	- - - 47	- 4	- 1	1.9	+ 0.8	107.1	98
	Khulna	000 59	0 00 00	98 00 0	158 67	0 0 9 0 0	- - - 80	000 57	0 00 00	98 00 0	194 69	0 0 9 0 0	- - - 55	+ 3	0	0.8	- 0.5	54.2	48
	Satkhira	000 60	0 00 00	98 00 0	154 73	0 0 9 0 0	- - - 79	000 52	0 00 00	98 00 0	184 67	0 0 9 0 0	- - - 51	0	- 1	0.7	- 1.2	45.3	65
	Jessore	000 56	0 00 00	×× 00 0	160 65	0 0 9 0 0	- - - 79	000 52	0 31 02	97 0	190 65	0 0 9 0 0	- - - 48			1.1	- 0.1	47.0	65
	Faridpur	000 58	0 00 00	94 10 0	161 68	0 0 9 0 0	- - - 76	000 61	0 00 00	95 05 0	187 62	0 0 9 0 0	9 × × 50	+ 3	- 4	1.5	+ 0.2	67.0	71
	Barisal	000 53	1 31 02	97 01 1	151 71	0 0 9 2 0	- - - 78	000 53	0 34 12	98 00 0	187 65	0 0 9 0 0	- - - 55	+ 1	0	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampu Boalia																		56
	Sirajganj	000 57	0 00 00	×× 00 0	150 64	0 0 9 0 0	- - - 67	000 52	0 00 00	98 00 0	198 65	0 0 9 0 0	- - - 53	- 9	0	3.3	+ 2.5	169.1	64
	Bogra	000 51	0 00 00	95 00 0	149 68	0 0 9 0 0	- - - 78	000 53	0 36 02	95 00 0	190 64	0 0 9 0 0	- - - 51	+ 2	- 2	2.0	+ 1.1	47.0	69
	Dinajpur	000 52	0 00 00	×× 00 0	165 68	0 0 9 0 0	- - - 79	000 53	0 00 00	96 00 0	193 60	0 0 9 0 0	- - - 49	+ 3	- 1	0.6	+ 0.1	49.2	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	- - - —	000 ××	0 00 00	98 00 1	— —	0 0 9 0 0	- - - —	—		1.2	+ 0.7	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Allahad																		
PUNJAB	Lyallpur	000 43	0 00 00	96 00 0	165 68	0 0 9 0 0	- - - 72	000 39	2 00 00	94 11 4	188 44	0 0 9 0 2	- - - 42	+ 4	+ 1	0.4	+ 0.1	10.5	12
	Lahore	000 48	0 31 02	96 00 0	165 68	0 0 9 0 0	- - - 72	000 41	0 00 00	95 05 0	193 45	0 0 9 0 0	- - - 41	0	+ 2	1.3	+ 0.9	16.0	19
	Sialkot	000 47	0 00 00	97 00 0	161 63	0 0 9 0 0	- - - 68	000 40	0 00 00	97 00 0	187 51	0 0 9 0 0	- - - 46	0	+ 4	1.9	+ 1.4	20.7	32
	Jhelum	000 45	0 00 00	97 00 0	166 65	0 0 9 0 0	- - - 70	000 40	0 00 00	96 00 0	196 43	0 0 9 0 0	- - - 39	—		1.9		28.6	—
	Rawalpindi	000 35	0 27 02	99 00 0	159 61	0 0 9 0 0	- - - 67	000 34	0 00 00	98 00 0	204 39	0 0 9 0 0	- - - 38	+ 1	0	2.1	+ 1.3	27.9	36
	Murree †	000 24	0 31 02	98 00 0	974 44	0 0 9 0 0	- - - 53	000 21	0 27 05	98 00 0	986 43	0 0 9 0 0	- - - 35	+ 5	+ 4	2.6	+ 0.9	47.7	59
	Attock	××× ××	0 18 02	95 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	95 00 0	— —	0 0 9 0 0	- - - —	—		—			—
	Khushab	000 43	0 25 05	99 00 0	158 71	0 0 9 0 0	- - - 75	000 38	0 36 02	99 00 0	198 43	0 0 9 0 0	- - - 40	+ 4	- 1	0.6	+ 0.3	8.6	15
	Montgomery	000 52	0 23 02	96 00 0	159 72	0 0 9 0 0	- - - 72	000 39	0 23 02	96 00 0	198 41	0 0 9 0 0	- - - 39	+ 3	- 3	1.1	+ 0.9	7.2	10
	Leiah	000 46	0 00 00	97 00 0	163 76	0 0 9 0 0	- - - ××	000 35	0 00 00	97 00 0	197 44	0 0 9 0 0	- - - 40			0.4	—	6.2	8
	Multan	000 42	0 00 00	97 00 0	165 72	0 0 9 0 0	- - - 70	000 37	0 00 00	96 00 0	189 51	0 0 9 0 0	- - - 46	+ 6	+ 4	0	- 0.2	6.9	7
	Khanpur	000 46	0 23 02	97 00 0	164 74	0 0 9 0 0	- - - 80	000 36	0 18 03	97 00 0	189 47	0 0 9 0 0	- - - 46	+ 5	+ 3	0.1	- 0.1	2.1	6
	Bahawalpur	000 52	0 00 00	97 00 0	161 70	0 0 9 0 0	- - - 79	000 39	0 18 02	97 00 0	184 48	0 0 9 0 0	- - - 46	+ 6	+ 3	0.1	- 0.1	4.6	6
	Fort Abbas	000 62	0 05 02	96 00 0	160 70	0 0 9 0 0	- - - 73							-					8
N. W. F. P.	Drosh *	000 11	0 11 02	99 00 0	023 53	0 0 9 0 0	- - - 58	000 13	0 00 00	99 00 0	087 51	0 0 9 0 0	- - - 39	+ 7	+ 5	1.1	—	23.3	18
	Chakdara	000 45	0 00 00	99 00 0	148 60	0 0 9 0 0	- - - 68	000 32	0 36 02	98 00 0	220 35	0 0 9 0 0	- - - 36			0		21.5	—
	Cherat *	000 37	0 36 07	98 00 0	021 55	0 0 9 0 0	- - - 60	000 29	0 36 10	98 00 0	029 50	0 0 9 0 0	- - - 41	+ 7	- 1	2.8	+ 1.6	31.7	29
	Peshawar	000 40	0 11 02	96 00 1	155 57	0 0 9 0 0	- - - 73	000 32	0 20 02	96 00 0	205 41	0 0 9 0 0	- - - 40	+ 7	0	0.8	+ 0.1	9.9	14
	Parachinar	000 27	0 13 02	99 00 1	987 57	0 0 9 0 0	3 × × 62	000 10	1 22 02	99 01 1	990 41	0 0 9 3 0	- - - 35	+ 8	+ 8	1.0	—	29.5	29
	Miranshah	000 36	0 11 01	98 00 0	019 64	0 0 9 0 0	- - - 68	000 16	2 31 02	98 01 0	020 43	0 0 9 0 2	- - - 41		—	0.5	+ 0.1	11.0	13
	Bannu	000 36	0 18 02	99 00 0	166 70	0 0 9 0 0	- - - 73	000 34	0 00 00	99 00 0	204 43	0 0 9 0 0	- - - 42	—	—	0.5		6.3	11
	D. I. Khan	000 65	0 00 00	96 00 0	161 70	0 0 9 0 0	- - - 74	000 36	0 00 00	96 00 0	189 47	0 0 9 0 0	- - - 47	+ 3	+ 7	0	- 0.3	2.8	9
	Wana																		11
	Landikotal	000 22	0 31 03	99 00 0	013 53	0 0 9 0 0	- - - 61	000 22	0 31 03	99 00 0	020 51	0 0 9 0 0	- - - 43		—	0.9	—	12.8	—
	Kohat	××× ××	0 00 00	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 27 02	99 00 0	— —	0 0 9 0 0	- - - —	—	—		—		—
	Thall	××× ××	1 27 09	98 01 0	— —	1 8 7 0 0	- - - —	××× ××	0 09 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman *	000 20	0 27 03	97 05 0	020 65	0 0 9 0 0	- - - 68	000 13	4 00 00	98 02 1	058 42	0 3 2 0 5	2 × × 39	+ 9	+ 8	0.3	- 0.1	10.3	11
	Hindubagh	000 33	0 27 01	98 00 0	083 58	0 0 9 0 0	- - - 64	000 24	0 27 02	98 02 0	037 38	0 0 9 0 4	- - - 28			0	—	9.0	—
	Loralai	000 34	0 00 00	96 00 0	021 62	0 0 9 0 0	- - - 67	000 12	4 13 05	98 03 0	041 26	0 0 9 0 1	- - - 33	—		0.1	—	18.6	—
	Harnai (a)	000 ××	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	2 13 02	95 02 0	— —	2 0 8 2 0	- - - —			0.1	- 0.6	10.7	15
	Sibi	000 30	2 00 00	99 01 1	164 73	0 0 9 1 0	9 5 × 79	000 37	0 05 05	98 00 0	182 48	0 0 9 3 0	- - - 45	-		0	—	3.8	5
	Quetta †	000 35	2 34 05	99 01 1	000 59	0 0 9 0 8	8 0 × 61	000 25	7 00 00	97 10 2	990 32	0 0 9 1 5	9 0 0 27			0.1	- 0.9	9.4	9
	Chaman	000 32	0 31 03	97 00 0	017 62	0 0 9 0 0	- - - 66	000 22	7 07 02	97 03 1	065 44	0 0 9 0 4	- - - 4	+11	+ 5	0	- 1.2	9.6	8
	Nushki	000 35	0 29 05	97 00 0	084 72	0 0 9 0 0	- - - 72	000 32	0 07 10	96 00 0	091 57	0 0 9 0 0	- - - 50		—	0	—	5.4	—
	Dalbandin *	000 44	4 07 05	96 03 1	043 74	0 0 9 0 4	9 5 × 74	000 30	6 05 02	96 03 1	048 45	0 0 9 0 6	- - - 43	+11	+ 8	0	- 0.4	1.3	4
	Nokkundi	000 41	5 16 02	99 03 1	156 76	0 0 9 0 5	9 0 × 78	000 34	8 02 02	92 03 1	198 55	2 6 5 2 6	- - - 53	—	—	0	—	1.0	2
	Kalat †	000 19	0 36 05	98 00 1	018 56	0 0 9 0 0	2 0 0 61	000 25	0 18 05	98 00 0	014 30	0 0 9 0 0	- - - 28	+ 7	+ 2	0.5	- 0.3	10.2	7
	Turbat	000 61	3 27 05	98 03 1	821 85	0 0 3 0 4	- - - 87	000 37	0 09 05	98 00 0	840 67	0 0 9 0 0	- - - 60			0		1.4	—
	Panjgur *	000 41	5 23 03	97 03 1	023 72	0 0 9 0 4	9 4 0 74	000 30	1 05 07	97 03 0	048 47	0 0 9 0 1	- - - 42	+10	+ 3	0	—	3.2	5
	Las Bela	000 03	0 00 00	99 00 0	159 82	0 0 9 0 0	- - - 89	000 46	0 32 07	98 00 0	172 67	0 0 9 0 0	- - - 50	—	—	0	—	1.7	8
	Ormara																		6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 23	0 27 05	96 00 0	161 78	0 0 9 0 0	- - - 81	000 35	0 18 05	96 00 0	187 44	0 0 9 0 0	- - - 44	—	—	0	—	9.2	—
	Jacobabad	000 41	1 31 02	97 01 1	168 75	0 0 9 0 1	- - - 79	000 46	3 36 02	96 02 1	188 53	0 0 9 0 1	- - - 48	+ 5	+ 3	0	- 0.2	0.7	4
	Sukkur	000 45	2 00 00	96 02 1	166 74	0 0 9 0 3	8 0 × 82	000 47	3 ×××	96 02 1	187 51	0 0 9 0 3	9 0 × 49			0	—	1.0	4
	Padidan	000 42	1 00 00	98 01 1	159 79	0 0 9 0 1	- - - 80	000 43	2 36 02	98 01 1	184 48	0 0 9 0 1	- - - 46	—	—	0		0.9	—
	Karachi (*Mauora*)	000 65	0 28 05	99 00 0	170 76	0 0 9 0 0	- - - 79	000 64	0 00 00	98 00 0	181 66	0 0 9 0 0	- - - 62	+ 2	—	0.1	- 0.1	1.7	3
	Karachi (*A. P.*)	000 63	2 20 09	97 03 1	174 77	0 0 9 0 1	- - - 86	000 59	1 00 00	96 28 4	186 9	0 0 9 0 1	- - - 57	—	+ 3	0	—	2.0	—
	Badin	000 44	0 36 02	97 00 0	162 80	0 0 9 0 0	- - - 85	000 45	0 00 00	97 00 0	190 62	0 0 9 0 0	- - - 51	+ 5	0	0.9	+ 0.7	2.8	9
	Nagarparkar																		
	Chhor (*Umerkot*)	000 64	0 31 03	97 00 0	165 81	0 0 9 0 0	- - - 84	000 47	0 05 05	97 00 0	187 60	0 0 9 0 0	- - - 51	—	—	0	—	2.3	—
	Hyderabad	000 45	0 05 05	97 00 0	169 79	0 0 9 0 0	- - - 81	000 47	0 13 03	95 05 0	182 51	0 0 9 0 0	- - - 54	+ 3	+ 3	0	- 0.1	2.0	7
Junagadh	Veraval																		20
Afghanistan	Kabul							000 14	0 20 05	99 00 0	088 25	0 0 9 0 0	- - - 32		—	0.1	—	10.7	12
	Jalalabad	000 36	1 31 02	97 01 0	014 64	0 0 9 0 1	2 9 × 71	000 24	0 22 02	97 00 1	018 59	0 0 9 0 0	9 × × ×	—	—	0.3	—	7.3	—
	Kandahar																		—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 20TH DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VV ww W	PPPTT	$N_h C_L hC_M C_H$	$W_1D_1D_2W_2T_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP.TT	$N_h C_L hC_M C_H$	$W_1D_1D_2W_2T_xT_x$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arabia	Muscat	000 68	0 05 05	99 00 0	167 76	0 0 9 0 0	— — — 79	000 67	0 00 00	99 00 0	186 78	0 0 9 0 0	— — — 70	+ 2	+ 1	0	− 0.9	3.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	005 57	7 18 13	95 00 0	126 71	7 0 9 0 7	— — — 72	—	—	—	—	—	—	—	—	—	—	—	5

* Barometer readings reduced to 1 geodynamic Kilometre (2,850-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (5,699-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049.-10,069 feet according to latitude).
RRR at 0800 hrs. G.M.T. is rainfall since 0800 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0800 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Badarpur	43 206	684 06	2 02 06	99 02 0	207 76	11 4 08	—	—	—	—
Neptune	43 098	689 00	0 07 20	99 00 0	082 79	06 9 00	—	—	—	—
Rajenkerk	43 224	682 06	0 36 09	99 00 1	809 78	09 9 00	3 5 004	—	0 51 55	1 36 20
Jalavallabh	43 169	680 06	7 07 08	98 02 2	153 78	—	—	—	—	—
British Marquis	43 226	600 18	0 13 10	99 09 0	194 75	09 9 00	3 4 110	—	0 52 66	1 14 7x
Neptune	43 090	691 18	1 07 16	98 01 0	095 28	11 5 00	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoXrX2			PrPrhrhrhr		TrTrTdrTdrTxx etc.			5555		hrhrPrPrPr		TrTrTdrTdrTxr etc.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi —	780 14	015 22	186 60	000 43	211 49	855 00	145 41	709 27	037 44	399 04	589 91	301 66	719 94	555 55	349 00	170 11	878 00	105 98	436 00	519 91	464 00	569 90	793 51	683 57	602 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATIO	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	4	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	29 06	30 06	34 05	05 04	07 07	23 11	—	—	—	—	31 10	31 07	35 04	36 04	06 08	29 09	35 12	35 04	01 04	36 04	05 05	05 05	29 28	—
Dhhor	36 05	01 10	36 10	01 06	25 13	29 13	30 27	29 35	29 52	—	—	—	—	—	—	—	05 02	07 01	25 02	02 06	05 08	03 04	28 12	26 30
Chittagong	33 05	35 05	35 06	36 06	30 15	25 16	27 34	—	—	—	01 11	01 12	34 13	33 15	25 11	27 17	35 06	35 10	35 10	35 11	32 04	30 11	—	—
Cox's Bazar	35 05	35 08	35 09	32 13	28 16	28 21	27 41	—	—	—	01 13	36 15	35 13	35 15	33 10	30 13	36 13	36 13	34 14	34 13	31 06	27 16	—	—
Dacca	—	—	—	—	—	—	—	—	—	—	33 08	33 06	01 04	calm	01 06	30 13	35 11	36 08	34 07	02 05	36 03	28 09	28 25	26 28
Dalbandin	—	—	08 08	09 08	10 01	29 10	—	—	—	—	—		09 08	08 08	15 02	26 04	—	—	07 08	10 09	24 03	29 13	25 23	
Drosh	—	—	—		01 12	36 11	26 12	28 15	27 28	29 60	—		—	10 01	02 08	01 23	—	—	—	—	10 08	36 15	01 26	—
Fort Sandeman	—	—	—	27 07	30 11	29 14	30 57	—	—	—							—	—	—	22 12	35 10	33 14	31 41	27 25
Jacobabad	26 03	27 04	27 07	33 08	35 07	31 17	31 27	26 34	29 58	—	33 33	29 05	25 06	25 07	28 03	31 10	28 04	25 04	34 08	14 01	24 04	29 09	28 15	
Jhelum	04 01	30 09	31 15	33 17	28 06	27 06	24 05	29 29	29 27	—	05 05	31 06	30 11	34 17	32 13	31 17	06 08	30 08	31 12	31 34	—	—	—	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	24 07	30 05	35 06	29 08	28 10	34 10	29 22	29 38	28 47	28 71	29 04	28 08	29 04	01 05	06 05	05 04	29 10	29 07	30 08	10 02	10 08	10 04	30 10	—
Khanpur	23 06	25 06	28 09	33 08	34 09	31 18	30 35	28 49	—	—	26 19	33 10	26 09	29 16	34 13	33 17	25 18	27 13	29 12	30 11	32 10	33 17	29 24	—
Lahore	3 08	29 15	29 12	28 13	30 13	28 16	28 10	29 45	—	—	31 06	30 07	29 09	29 11	33 17	26 06	30 07	30 13	30 13	30 11	35 09	34 13	33 10	33 23
Multan	23 14	22 06	22 07	30 15	28 37	29 23	—	—	—	—	30 11	22 10	21 06	25 11	28 13	30 37	14 06	15 07	15 06	03 10	01 11	2. 15	31 35	—
Peshawar	—	15 05	30 07	30 13	35 08	33 06	26 07	27 24	30 44	29 60	—	04 04	03 07	29 15	30 20	32 14	—	31 04	28 07	32 10	32 05	30 13	34 27	—
Quetta					31 12	31 19	30 37	29 55	—	—	—	—	No	ascent	—	—	—	—			13 06	13 25	—	—
Bushire											—	—			—						—		—	—
Sharjah																							—	—

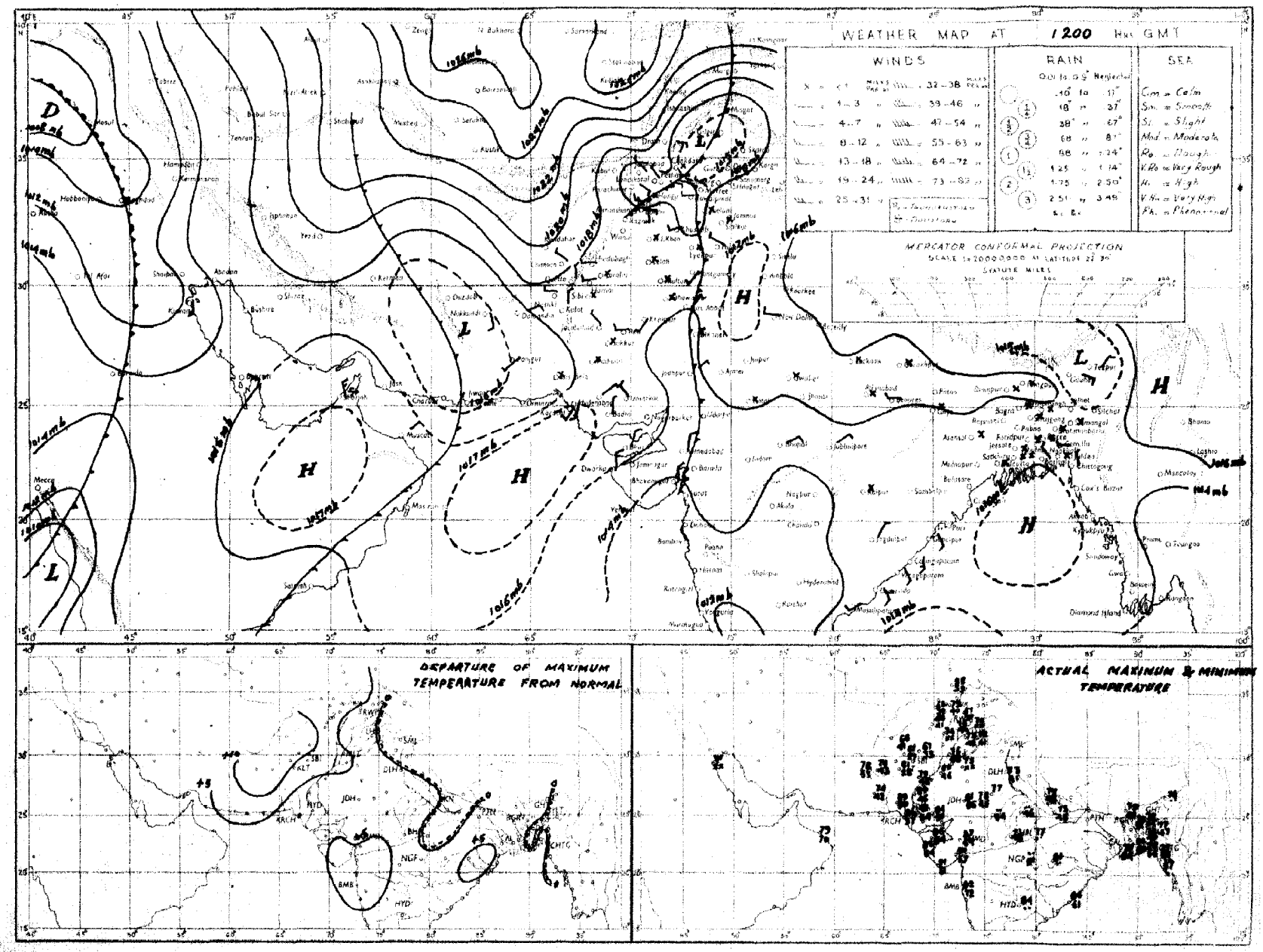
Cloud Observation Data (iiiGG Cddv, v,)

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.3 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

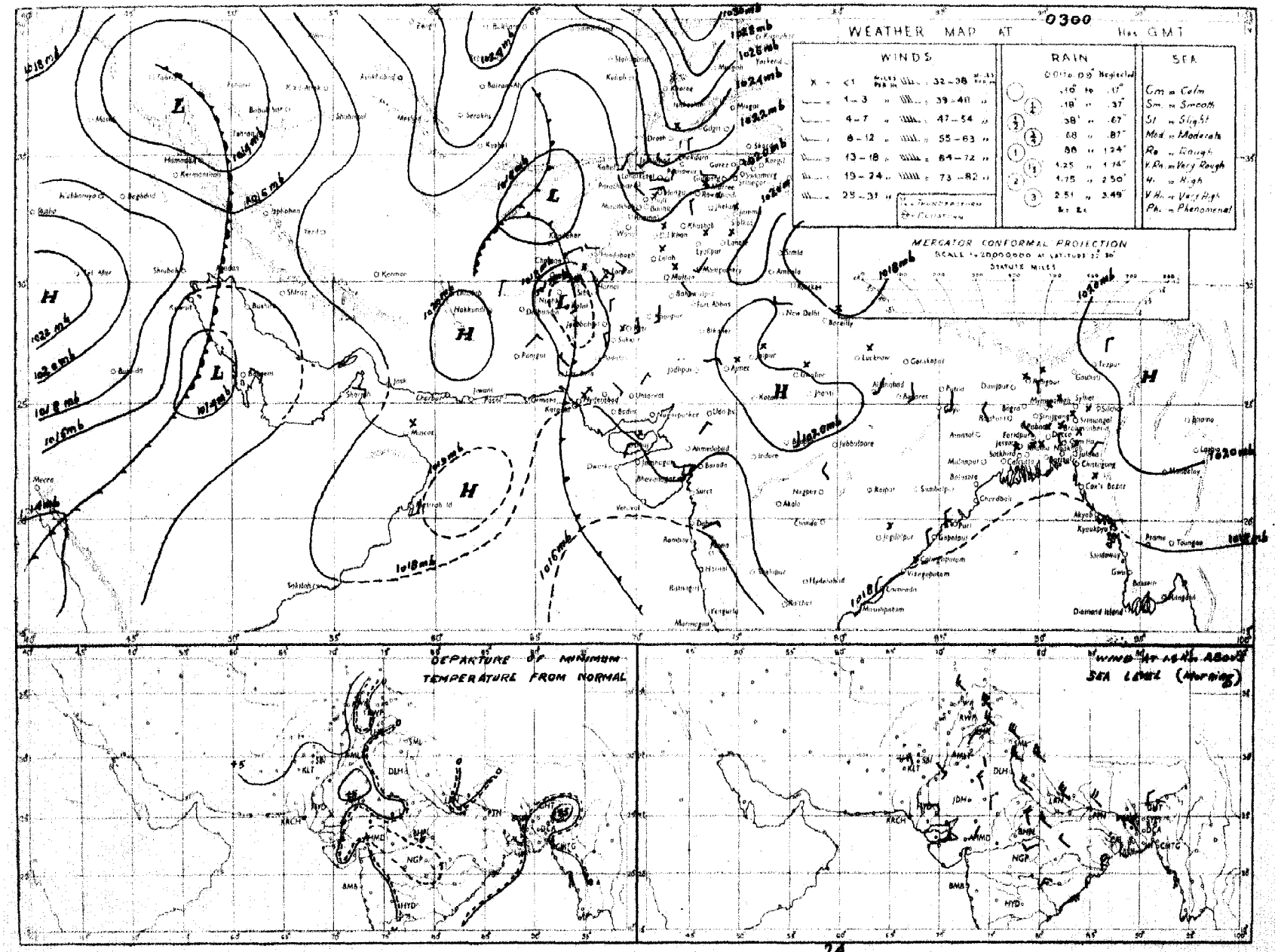
WEDNESDAY 19th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 20th DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 21st DECEMBER, 1951

(*Published by the authority of the Government of Pakistan*).

Summary of observations recorded at 0300 hrs. G. M. T.

A western disturbance is approaching north Baluchistan.
Ridge of high extends from north Iraq to central Arabia.
Weather continued to be dry over the country.
Night temperatures were appreciably to markedly above normal in West Pakistan.

Forecast valid until the evening of 22nd:—Cloudy weather and local rain/drizzle will occur in north Baluchistan, the North-West Frontier Province, Kashmir and the adjoining north Punjab. Morning mist/fog will also occur along Sind-Mekran coast.

Karachi-11.
The 21st December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 52 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 49	0 00 00	95 00 0	152 71	0 0 9 0 0	× 0 0 77	000 57	0 00 00	97 00 0	183 66	0 0 9 0 0	- - - 55		- 2	1.3	- 2.3	122.7	140
	Chittagong	000 53	0 00 00	96 00 0	152 70	0 0 9 0 0	× × × 77	000 57	0 05 00	97 00 0	192 67	0 0 9 0 0	× 1 1 55	- 1	- 1	0.3	- 2.5	134.8	168
	Noakhali	000 57	0 00 00	98 46 0	××× 70	0 0 9 0 0	- - - 76	000 57	0 00 00	94 40 4	××× 63	0 0 9 0 0	- - - 56	- 2	- 1	0 7	- 1 1		116
	Comilla	000 59	0 31 03	96 00 0	152 68	0 0 9 0 0	- - - 76	000 58	0 36 02	98 00 0	188 65	0 0 9 0 0	- - - 55	- 2	+ 2	1.4	- 0 2	132.6	94
	Brahmanbaria	000 59	0 00 00	×× 00 0	159 72	0 0 9 0 0	- - - 77	000 61	0 00 00	97 00 0	184 68	0 0 9 0 0	- - - 56			0.9	- 0.5	66.4	75
	Dacca	××× 57	0 29 02	×× 00 1	152 67	0 0 9 0 0	3 × × 78	××× 59	00 00	97 00 0	192 65	0 0 9 0 0	- - - 51	-	-		-		—
	Narayanganj	000 56	2 00 00	×× 01 1	155 70	0 0 9 0 9	4 0 × 78	000 57	0 00 00	96 00 1	186 65	× × × × ×	3 × × 56	+ 1	0	0.7	- 0.4	89.5	76
	Mymensingh	000 56	0 00 00	99 00 0	167 70	0 0 9 0 0	- - - 79	000 56	0 00 00	99 00 0	199 65	0 0 9 0 0	- - - 57	+ 3	+ 3	3.0	+ 2.1	64.8	91
	Srimangal	000 62	0 00 00	×× 00 1	157 64	0 0 9 0 0	- - - 77	000 59	0 00 00	96 00 1	197 67	0 0 9 9 0	- - - 48	- 4	+ 1	1.9	+ 0.3	107.1	83
	Khulna	000 57	0 00 00	98 00 0	163 67	0 0 9 0 0	- - - 78	000 55	0 31 02	98 00 0	202 66	0 0 9 0 0	- - - 56	+ 1	+ 2	0.8	- 0.5	54.2	64
	Satkhira	000 57	0 00 00	98 00 0	160 68	0 0 9 0 0	- - - 78	000 53	0 36 02	98 00 0	194 63	0 0 9 0 0	- - - 51	- 1	0	0.7	- 1.2	45.3	65
	Jessore	000 55	0 00 00	×× 00 0	161 64	0 0 9 0 0	- - - 78	000 56	0 31 02	97 0 0	201 61	0 0 9 0 0	- - - 49			1.1	- 0.1	47.0	61
	Faridpur	000 57	0 00 00	94 10 0	157 69	0 0 9 0 0	- - - 70	000 57	0 34 02	94 10 0	198 63	0 0 9 0 0	9 × × 54	- 5	+ 1	1.5	+ 0 2	67.0	71
	Barisal	000 57	0 00 00	97 00 0	154 71	0 0 9 0 0	- - - 77	000 57	0 34 02	98 00 0	195 64	0 0 9 0 0	- - - 57	0	+ 2	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampur Boalia																		59
	Birajganj	000 60	0 00 00	×× 00 0	167 67	0 0 9 0 0	- - - 78	000 55	0 36 02	98 00 0	206 61	0 0 9 0 0	- - - 55	- 3	+ 2	3.3	+ 2.5	69.1	64
	Bogra	000 55	0 00 00	96 00 0	170 64	0 0 9 0 0	- - - 78	000 54	0 02 02	95 00 0	202 65	0 0 9 0 0	- - - 53	+ 2	0	2.0	+ 1.1	47.0	69
	Dinajpur	000 54	0 00 00	×× 00 0	166 68	0 0 9 0 0	- - - 79	000 54	0 00 00	96 00 0	205 65	0 0 9 0 0	- - - 48	+ 3	- 1	0.6	+ 0 1	49 2	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	- - - —	000 ××	0 09 02	98 00 1	— —	0 0 9 0 0	- - - —			1.2	+ 0.7	80.4	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Minar																		—
	Allahad																		—
PUNJAB	Lyallpur	000 48	2 00 00	96 01 0	166 69	0 0 9 0 3	0 2 0 75	000 41	2 00 00	95 11 4	215 43	0 0 9 0 2	1 0 0 43	+ 6	+ 3	0.4	+ 0.1	10.5	12
	Lahore	000 50	5 00 00	96 02 1	169 66	0 0 9 0 5	5 6 × 73	000 42	5 00 00	94 10 4	218 45	0 0 9 3 1	9 7 × 42	+ 1	+ 3	1.3	+ 0.9	16.0	19
	Sialkot	000 49	2 00 00	97 02 1	169 62	3 3 6 0 9	- - - 68	000 46	4 00 00	97 01 1	224 50	2 0 8 6 4	- - - 46	0	+ 5	1.9	+ 1.3	20.7	32
	Jhelum	000 45	6 00 00	96 03 1	162 63	0 0 9 0 1	- - - 70	000 40	7 00 00	95 18 1	227 41	0 0 9 0 1	- - - 40	-		1.9		28 6	—
	Rawalpindi	000 52	2 00 00	99 01 1	158 60	0 0 9 1 0	- - - 69	000 37	7 00 00	97 05 1	242 39	0 0 9 2 6	- - - 38	+ 3	+ 1	2 1	+ 1 2	22.9	33
	Murree †	000 20	6 27 05	97 02 1	979 47	0 0 9 0 4	5 6 × 55	000 16	7 27 03	96 02 1	907 44	0 0 9 8 8	9 1 6 40	+ 7	+ 7	2.6	+ 0.9	47.7	69
	Attock	××× ××	6 00 00	96 00 0	— —	0 0 9 0 0	- - - —	××× ××	8 18 02	97 02 0	— —	0 0 9 0 6	- - - —						—
	Khushab	000 43	4 25 02	99 01 1	160 71	0 0 9 0 8	- - - 77	000 39	0 25 02	99 00 0	207 42	0 0 9 0 0	- - - 39	+ 6	- 2	0.6	+ 0.3	8.6	15
	Montgomery	000 63	3 00 00	96 01 1	167 74	0 0 9 0 5	9 0 × 77	000 36	3 31 03	96 01 0	207 43	0 0 9 0 1	2 0 × 42	+ 6	+ 1	1.1	+ 0.9	7.2	10
	Lyallpur	000 41	0 00 00	97 00 0	163 75	0 0 9 0 0	- - - 78	000 39	3 05 02	96 03 0	210 47	0 0 9 0 2	- - 48			0.4	—	6.9	8
	Multan	000 48	8 00 00	97 01 1	165 74	0 0 9 7 0	- - - 77	000 41	8 18 02	96 01 1	201 58	0 0 9 7 0	9 0 9 50	+ 7	+ 9	0	- 0.2	6.9	7
	Khanpur	000 45	6 00 00	96 04 0	161 77	0 0 9 8 5	0 9 × 81	000 41	5 09 03	96 04 0	197 49	0 0 9 0 2	- - - 49	+ 6		0.1	- 0.1	2.1	6
	Bahawalpur	000 53	0 00 00	97 00 0	162 69	0 0 9 0 0	- - - 81	000 41	4 00 00	97 03 1	196 47	0 0 9 0 2	2 0 × 45	+ 8	+ 3	0.1	+ 0.1	4.6	6
	Fort Abbas	000 47	0 23 02	96 00 0	167 75	0 0 9 0 0	- - - 80	000 42	0 04 02	96 00 0	159 53	0 0 9 0 0	× × × ×						5
N. W. F. P.	Drosh *	000 43	8 11 07	98 02 1	034 53	0 0 9 4 -	2 6 × 57	000 04	0 00 00	98 03 1	089 42	0 0 9 2 0	6 8 4 40	+ 6	+ 7	1.1	—	23.8	18
	Chakdara	000 40	0 00 00	99 00 0	152 60	0 0 9 0 0	- - - 66	000 35	8 16 03	98 02 2	232 40	8 0 6 7 0	6 × 6 37			0		21.5	—
	Cherat *	000 29	2 36 12	98 02 1	023 55	0 0 9 0 1	2 6 × 62	000 38	7 36 05	97 03 1	052 48	0 0 9 8 0	7 × 0 40	+ 9	- 1	2.8	+ 1 6	31.7	29
	Peshawar	000 35	6 00 00	98 02 1	166 64	0 0 9 0 1	- - - 75	000 31	7 22 03	96 02 1	223 45	0 × 5 40	+ 9	+ 1	0 8	+ 0.1	0.9		13
	Parachinar	000 14	5 00 00	99 01 1	991 61	0 0 9 3 1	3 0 0 65	000 21	7 36 03	99 02 2	000 44	2 2 8 6 1	2 0 0 37	+11	+ 7	1.0	—	29.5	22
	Miranshah	000 25	6 13 02	97 01 1	017 64	0 0 9 3 0	- - - 69	000 21	7 36 02	97 03 2	052 42	0 0 9 3 3	- - - 40			0 5	0	11.0	13
	Bannu	000 41	0 00 00	99 00 0	165 66	0 0 9 0 0	- - - 75	000 28	5 31 02	99 03 0	214 50	0 0 9 0 2	- - - 43	—	—	0 5		6.3	11
	D. I. Khan	000 65	0 05 02	98 00 0	162 71	0 0 9 0 0	- - - 72	000 40	0 00 00	98 00 0	207 47	0 0 9 0 0	- - - 44	+ 1	—	0	- 0.3	2.8	9
	Wana																		11
	Landikotal	000 29	5 00 00	99 02 1	016 57	0 0 9 4 0	- - - 63	000 24	8 00 00	99 02 3	044 43	8 5 6 0 0	- - - 35		-	0.9	-	12.8	—
	Hangu	××× ××	4 11 02	99 01 1	— —	0 0 9 0 0	8 0 × —	××× ××	8 00 00	99 03 1	— —	0 0 9 4 0	9 × 0 —	—	—		—		—
	Thall	××× ××	0 18 09	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—		—
BALUCHISTAN	Fort Sandeman*	000 23	8 00 00	97 02 2	022 63	8 0 7 7 0	3 × × 67	000 12	7 00 00	98 02 1	062 40	× × × × ×	2 × × 37	+ 3	+ 3	0.3	- 0 1	10.3	11
	Hindubagh	000 33	8 09 02	97 00 0	054 59	0 0 9 0 7	- - - 65	000 24	5 00 00	98 00 0	082 36	0 0 9 0 4	- - - 33			0	—	9.0	—
	Loralai	000 18	6 13 05	96 03 1	015 62	0 0 9 0 4	- - - 66	000 16	8 18 05	95 03 1	045 38	0 0 9 7 0	8 8 3 30	-		0.1	—	18.6	—
	Harnai (a)	000 ××	3 27 02	95 00 0	— —	2 0 5 2 1	- - - —	000 ××	3 09 02	96 02 0	— —	3 0 8 2 0	- - - —			0.1	- 0 6	10 7	14
	Bibi	000 35	3 23 05	98 01 1	152 77	0 0 9 1 0	- - - 83	000 29	8 00 05	98 03 1	198 51	0 0 9 7 0	6 5 × 49			0	—	3.8	5
	Quetta †	000 33	6 34 05	99 02 2	988 57	0 0 9 2 0	8 × 0 61	000 22	7 11 05	99 02 2	087 37	0 0 9 1 5	9 0 0 31			0.1	- 0.6	9 4	9
	Chaman	000 34	5 21 02	97 03 2	990 60	0 0 9 2 -	8 × 9 63	000 14	7 07 03	97 03 1	036 53	0 0 9 2 0	9 × 9 42	+ 8	+ 7	0	- 1 2	9.6	8
	Nushki	000 37	7 29 05	97 03 0	062 71	0 0 9 0 4	- - - 76	000 32	0 07 03	96 00 0	101 57	0 0 9 0 0	- - - 48		—	0	—	5.4	—
	Dalbandin*	000 41	7 12 03	96 03 1	022 72	0 0 9 0 4	9 6 × 75	000 39	7 05 02	96 03 1	025 48	0 0 9 0 7	- - - 44	+12	+13	0	- 0.5	1.6	4
	Nokundi	000 39	8 11 02	99 03 1	123 73	3 6 5 2 5	9 9 9 79	000 37	8 02 02	99 03 1	171 53	3 2 6 9 7	9 9 9 54			0	—	1.0	2
	Kalat †	000 23	7 18 05	98 02 2	002 56	0 0 9 2 0	5 0 5 80	000 25	7 18 05	98 02 2	015 33	0 0 9 2 0	0 0 5 30	+ 6	+ 4	0.5	- 0.3	10.2	7
	Turbat	000 43	6 27 05	98 03 1	145 81	0 0 9 0 4	8 9 0 86	000 26	0 00 05	98 00 0	195 61	0 0 9 0 0	- - - 60			0		1.4	—
	Panjgur *	000 38	4 23 03	97 00 0	144 81	0 0 9 0 4	- - - 74	000 33	8 05 07	97 03 1	038 49	0 0 9 0 4	- - - 43	+10	+ 6	0	—	3.2	5
	Las Bela	000 49	0 14 02	99 00 0	144 85	0 0 9 0 0	- - - 85	000 50	0 00 00	98 00 0	204 62	0 0 9 0 0	- - - 57	—	—	0	—	1.7	8
	Ormara																		8
	Pasni																		6
	Jiwani																		4
SIND	Keti	000 44	0 20 05	98 00 0	158 80	0 0 9 0 0	- - - 80	000 39	0 09 02	96 00 0	193 50	0 0 9 0 0	- - - 46	—	—	0	—	9.2	—
	Jacobabad	000 46	7 05 02	97 79 8	153 77	0 0 9 0 4	- - - 79	000 46	5 29 03	97 02 1	197 53	0 0 9 0 4	- - - 50	+ 5	+ 6	0	- 1.9	0.7	4
	Sukkur	000 48	5 ×× ××	96 03 1	157 76	0 0 9 0 4	8 0 × 82	000 47	2 ×× ××	96 02 1	184 56	0 0 9 0 3	9 0 × 50			0	—	1.9	4
	Padidan	000 49	1 00 00	98 01 1	156 81	0 0 9 0 1	- - - 81	000 46	2 00 00	98 01 1	191 54	0 0 9 0 1	- - - 46	—	—	0	—	0.9	—
	Karachi (*Masroor*)	000 71	5 21 05	99 02 2	157 77	0 0 9 0 1	0 9 × 79	000 64	3 00 00	94 10 0	186 66	0 0 9 0 1	0 9 × 65	+ 2	+ 7	0.1	- 0.1	1.7	3
	Karachi (*A. P.*)	000 65	3 23 09	97 03 1	158 80	0 0 9 0 1	- - - 84	000 59	0 00 00	98 44 4	191 59	0 0 9 0 6	4 × × 58	—	—	0	—	3.0	—
	Badin	000 46	0 00 00	97 00 0	153 86	0 0 9 0 0	- - - 90	000 53	0 00 00	97 00 0	192 57	0 0 9 0 0	- - - 51	+10	+ 1	0.9	+ 0 7	7.8	9
	Nagarparkar																		—
	Chhor (*Umarkot*)	000 66	0 24 03	97 00 0	152 82	0 0 9 0 0	- - - 86	000 49	0 05 03	97 00 0	187 59	0 0 9 0 0	- - - 53		—	0	—	2.3	—
	Hyderabad	000 54	0 13 02	97 00 0	154 85	0 0 9 0 0	- - - 88	000 55	0 00 00	98 00 0	182 58	0 0 9 0 0	- - - 57	+10	+ 6	0	- 0.1	2.0	7
Junagarh	Veraval																		23
Afghanistan	Kabul	000 17	8 03 02	99 02 1	022 72	0 0 9 0 5	- - - 56							—					19
	Jalalabad	000 11	5 00 00	97 01 0	012 71	0 0 9 0 8	3 × 9 71	000 33	7 00 00	99 03 1	021 45	0 0 9 7 0	3 × 9 24	—	—	0.3	—	7.3	—
	Kandahar	000 61	7 03 00	96 02 1	018 61	0 0 9 1 0	- - - 64							—					—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 21ST DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_n T_n$	Departure from Normal T_x T_x	T_n T_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Norms
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arabia	Muscat	000 66	8 11 02	99 02 0	150 77	0 0 9 0 1	0 5 × 79	000 62	2 00 00	99 02 1	182 78	0 0 9 0 1	0 0 × 71	+ 2	+ 2	0	= 0 0	3.2	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	000 43	1 34 10	97 02 0	185 62	0 0 9 0 1	× 0 2 63	000 48	2 15 03	97 02 0	214 56	0 0 9 0 1	× 0 1 52	—	—	0.5	—	1.8	5

* Barometer readings reduced to 1 geodynamic Kilometre (2,250-2,255 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,599-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ sup	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$Id_w d_w F_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Hyrcania	53 222	599 06	6 04 05	99 02 1	197 78	71 6 02	8 5 301	8 4 267	4 85 05	1 05 21
Marquis	53 211	616 06	2 99 01	99 02 0	204 79	12 6 01	3 4 120	0 0 347	1 99 21	—
Alavi	53 149	548 06	6 06 07	98 02 2	175 79	64 7 00	6 4 310	8 5 275	1 08 21	—
Jaljawahar	53 145	552 06	0 07 06	98 00 0	176 78	00 9 00	2 5 ×××	—	—	—
S. S. Jalavallabh	53 184	685 06	0 07 08	98 00 0	186 88			—	—	—
Baron Fairlie	53 151	697 12	1 05 15	99 02 0	127 83	00 9 60	5 3 501	—	—	—
Berlbroukue	53 151	706 06		99 00 0	157 82	00 9 00	6 3 103	—		—
British Patience	53 208	617 18	9 00 00	99 09 0	185 76	00 9 00	3 4 315	—	0 54 67	1 00 ××
Jaljawahar	53 151	558 18	2 09 06	98 01 1	170 77	28 6 06.	2 5 ×××	—	—	—
Jalavallabh	53 187	712 18	0 05 05	98 02 0	125 79	—		—	—	—
Baronfairlie	53 150	689 18	1 06 14	99 02 0	158 82	11 7 00	6 3 109	—	—	—
Hyrconia	53 235	589 02	3 14 09	99 02 0	152 78	11 4 02	7 5 300	—	0 50 69	1 14 ××
Jaljawahar	53 148	545 12	2 06 06	98 01 1	138 77	25 8 00	2 5 ×××	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoXrXr	PrPthrhrhr	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.	5555	hrhrPrPrPr	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc
1	2	3 4 5 6	7 8	9 10 11	12	13 14 15 16 17	18	19 20 21	22 23 24 25 26
Karachi	780 14	013 24 186 60 000 44 241 61	855 08	210 19 700 53 169 94	500 58	579 91 555 55 259 00 220 75 688 00 205 43	486 00	089 91	

FPP—Pressure in hundreds, tens and units of millibars, hh—Height in thousands, and hundreds of feet.
PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.

Upper Air Data (Hddff)*

STATIO	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	3	5	6	8	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	02 03	26 03	33 02	33 05	08 02	16 08	29 32	30 45	—	—	33 11	33 10	32 08	34 05	—	—	36 10	01 00	35 05	05 07	05 09	34 12	30 35	—
Chhor	26 01	18 01	21 01	35 03	21 02	32 02	28 11	29 26	—	—							07 01	14 01	17 01	25 11	23 11	23 08	26 30	27 44
Chittagong	30 11	32 09	36 05	30 05	32 20	29 12	27 41	—	—	—	04 08	02 08	36 10	35 13	35 13	31 07	35 04	35 13	36 12	02 06	01 06	29 10	29 37	—
Cox's Bazar	33 08	34 10	36 13	36 11	30 09	30 17	—	—	—	—	36 19	35 14	35 15	34 12	32 03	30 13	36 30	38 10	02 08	05 04	36 04	29 11	25 22	—
Dacca	33 06	31 07	31 07	01 06	36 05	—		—	—	—	35 11	34 12	35 13	36 15	—	—	35 12	35 13	35 14	36 06	03 06	02 09	31 21	30 39
Dalbandin	—	—	09 06	16 06	18 05	23 12	25 27	25 31	—	—	—	—	16 03	22 03	25 12	25 09	—	—	09 08	21 08	23 12	22 11	26 19	25 47
Drosh	—	—	—		04 09	01 21	03 09	31 32	—	—	—		—	06 01	09 07	03 06	—	—	—	—	06 09	01 16	20 11	
Fort Sandeman				25 07	30 09	30 18	29 25	—	—	—	—	—			—	—				25 06	14 04	29 09	27 30	27 40
Jacobabad	29 03	24 06	25 05	22 12	22 07	25 10	27 20	27 22	—	—	11 03	17 08	20 12	22 07	23 06	24 14	10 06	12 04	20 10	22 07	30 08	31 08	—	
Jhelum	32 06	29 05	29 13	30 18	31 13	34 15	33 20	33 35			33 01	19 04	25 05	32 13	35 13	30 11	27 06	31 03	27 04	31 11	31 14	28 13	27 19	27 21
Jiwani																								
Karachi	26 05	26 04	27 04	28 03	19 03	17 06	28 15	27 35	27 42	27 64	36 11	37 11	36 11	34 11	34 11	27 13	30 10	30 11	31 07	28 13	23 17	26 08	27 24	—
Khanpur	28 04	28 05	29 04	30 09	31 11	29 13	30 21	29 36	29 34	—	30 07	34 07	33 07	36 09	34 13	26 28	14 07	31 05	35 06	34 07	33 05	35 11	26 16	27 35
Lahore	25 07	31 15	31 25	30 21	32 21	32 18	34 35	31 49	31 13	—	31 05	30 03	31 09	31 11	31 10	31 13	10 05	34 04	31 01	33 05	31 12	33 19	30 17	27 18
Multan	12 02	14 05	14 03	09 05	28 09	30 14	32 09	29 37	—	—	16 16	17 10	18 11	19 09	25 10	26 15	30 11	19 04	24 05	29 13	29 09	31 18	—	—
Peshawar	—	12 05	30 10	28 12	28 10	31 09	33 13	30 29	29 31	29 66	—	05 03	02 03	32 04	32 00		—	34 03	34 04	27 03	34 03	25 04	25 17	—
Quetta					23 04	22 09	25 28	—	—	—		—	No	ascent	—	—	—	—			19 05	27 03	26 53	—
Bushire											—	—			—				—		—	—	—	—
Sharjah																						—		

Cloud Observation Data (iiiGG Cddv, v_r)

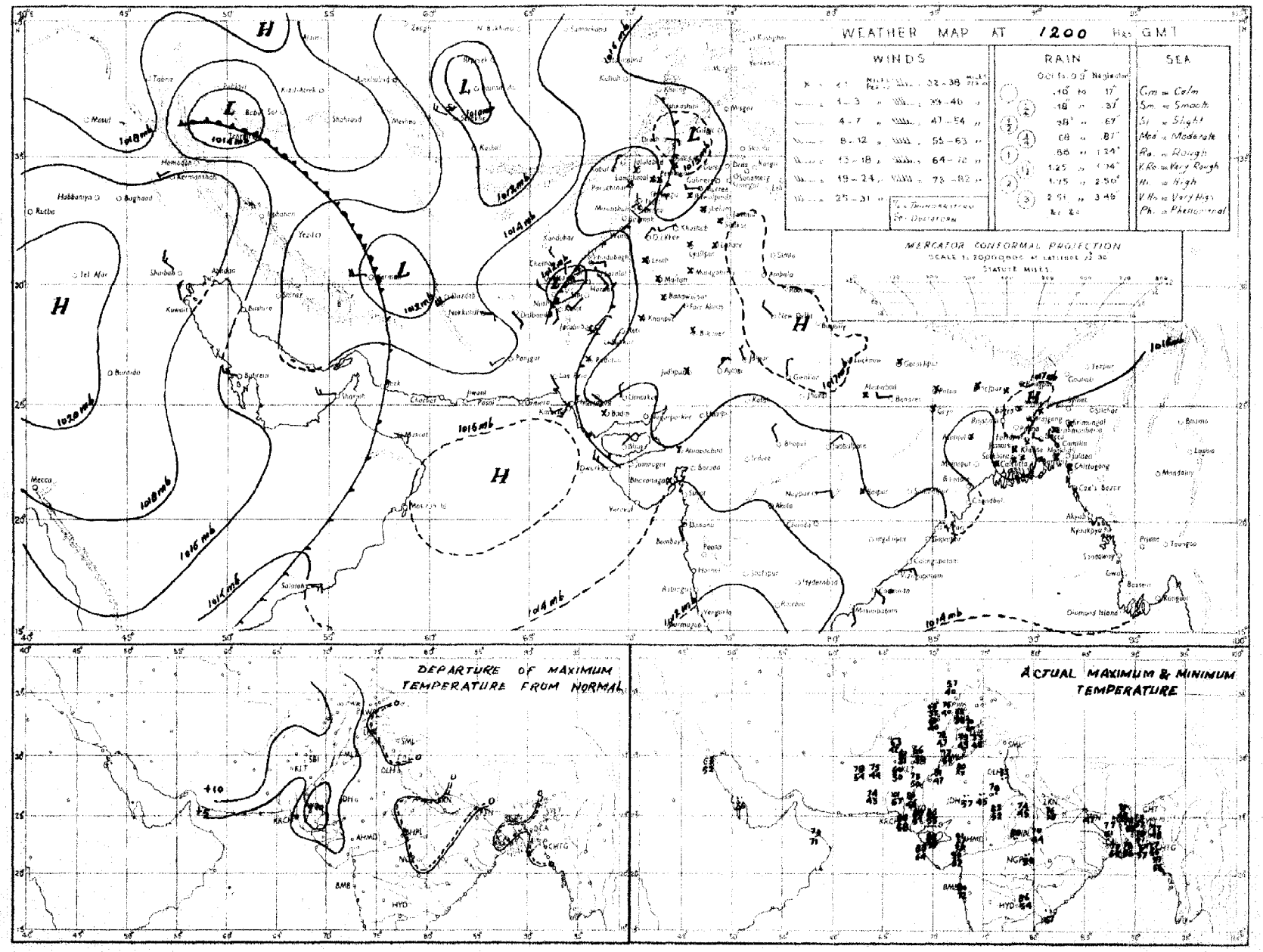
Peshawar 53002 424××

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.5 0.6, 0.8, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

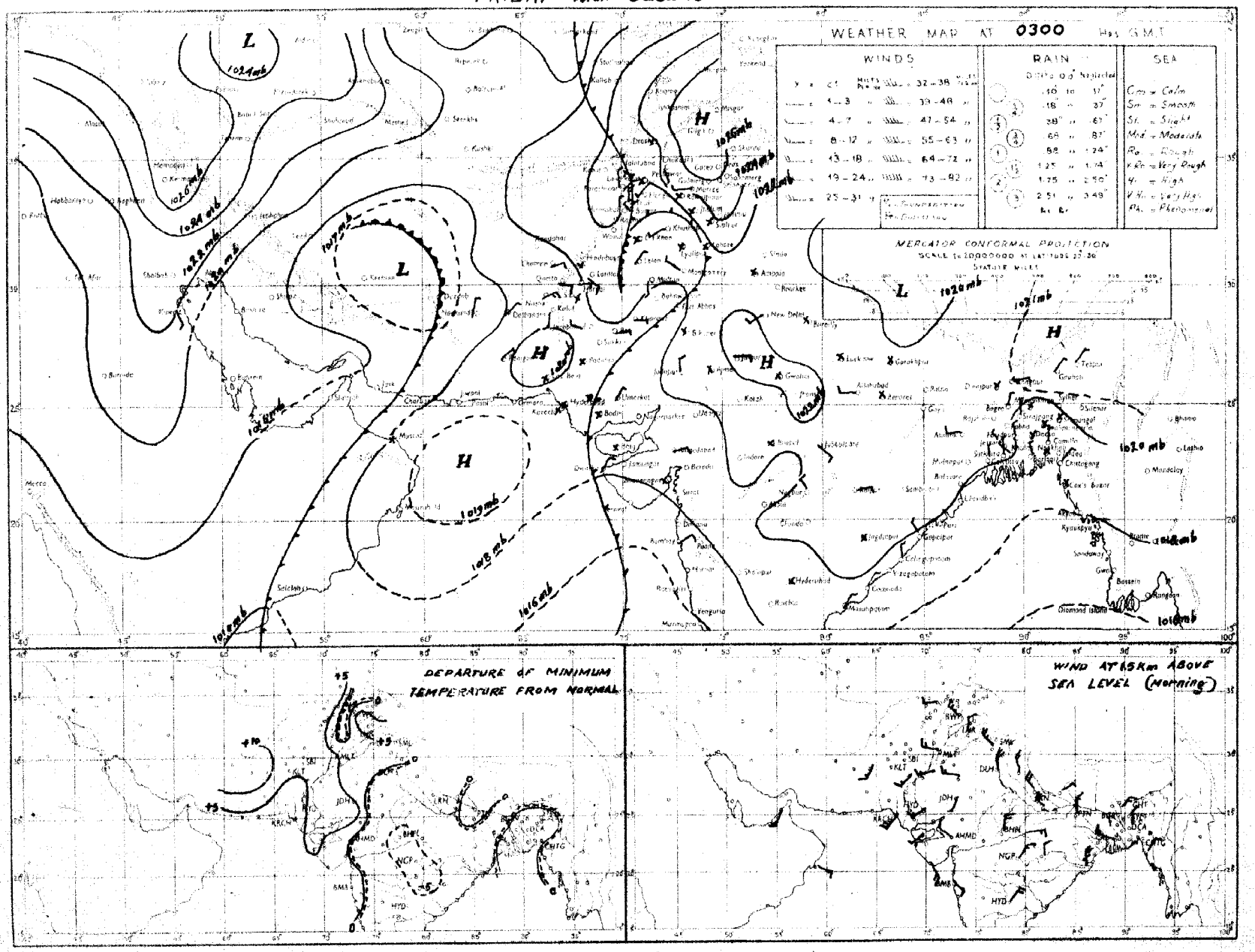
THURSDAY 20th DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 21st DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 22nd DECEMBER, 1951

(*Published by the authority of the Government of Pakistan*).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance is approaching north-east Baluchistan and the North-West Frontier Province.

Another western disturbance lies over Iraq with its secondary heading to Persian Gulf.

Drizzle has been reported from a few stations in the upper North-West Frontier Province.

Night temperatures were considerably above normal in the north Baluchistan and appreciably to markedly above normal in the south Punjab, Sind and the Eastern sub-division of East Pakistan.

Forecast valid until the evening of 23rd :—Local rain/drizzle will occur in northeast Baluchistan, the North-West Frontier Province, Kashmir and the adjoining north Punjab.

Karachi-11.
The 22nd December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_x$T$_x$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_1$D$_H$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 59	0 00 00	95 00 0	158 71	0 0 9 0 0	- - - 77	000 58	0 00 00	97 00 0	181 63	0 0 9 0 0	- - - 54	- 2					140
	Chittagong	000 57	0 00 00	96 00 0	160 69	0 0 9 0 0	- - - 77	000 56	0 00 00	94 40 4	××× 65	0 0 9 0 0	- - - 56	0	- 2	0.3	- 2.5	134.8	108
	Noakhali	000 58	0 00 00	93 48 0	××× 66	0 0 9 0 0	- - - 76	000 57	0 31 02	98 00 0	182 61	0 0 9 0 0	- - - 59	- 2	- 1	0.7	- 1.1	—	115
	Comilla	000 59	0 36 02	96 00 0	160 68	0 0 9 0 0	- - - 70	000 59	0 05 02	97 00 0	190 69	0 0 9 0 0	- - - 55	- 6	+ 6	1.4	- 0.2	122.6	94
	Brahmanbaria	000 60	0 00 00	×× 00 0	167 72	0 0 9 0 0	- - - 77							-	-	0.9	- 0.5	66.4	78
	Dacca	000 60	0 00 00	×× 00 1	162 69	0 0 9 0 0	3 × × 78												
	Narayanganj	000 60	0 00 00	×× 00 0	158 71	×××××	9 × × 79	000 59	0 00 00	95 00 0	184 67	0 0 9 0 0	3 × × 56	+ 2	0	0.7	- 0.4	89.5	74
	Mymensingh	000 57	0 00 00	99 00 0	176 71	0 0 9 0 0	- - - 78	000 54	0 00 00	95 00 0	189 62	0 0 9 0 0	- - - 56	+ 2	+ 2	3.0	+ 2.1	64.8	91
	Srimangal	000 59	0 00 00	×× 00 1	167 61	0 0 9 0 0	- - - 76	000 60	0 00 00	96 00 1	192 63	0 0 9 0 0	- - - 46	- 4	- 1	1.9	+ 0.8	107.1	98
	Khulna	000 59	2 00 00	97 01 0	173 68	2 8 8 0 0	- - - 78							+ 1					64
	Satkhira	000 57	0 · 0 00	98 00 0	169 72	0 0 9 0 0	- - - 78	000 51	0 36 02	98 00 0	195 62	0 0 9 0 0	- - - 55	- 1	+ 4	0.7	- 1.3	45.3	63
	Jessore	000 65	0 00 00	×× 00 0	175 65	0 0 9 0 0	- - - 77	000 57	0 34 03	97 0 · 0	193 66	0 0 9 0 0	- - - 51			1.1	- 0.1	47.0	65
	Faridpur	000 55	0 00 00	95 05 0	170 70	0 0 9 0 0	9 × × 76	000 59	0 36 02	94 00 0	185 62	0 0 9 0 0	9 × × 54	- 1	+ 7	1.5	+ 0.2	67.0	71
	Barisal	000 55	0 00 00	97 00 1	160 71	0 0 9 0 0	- - - 77	000 59	0 34 02	98 00 0	185 64	0 0 9 0 0	- - - 57	0	+ 2	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampu Boalia																		58
	Sirajganj	000 57	0 36 02	×× 00 0	168 69	0 0 9 0 0	- - - 73	000 60	0 36 03	98 00 0	188 65	0 0 9 0 0	- - - 54	- 2	+ 1	3.3	+ 2.5	60.1	64
	Bogra	000 58	0 00 00	96 00 0	160 71	0 0 9 0 0	- - - 77	000 58	0 35 03	95 00 0	196 66	0 0 9 0 0	- - - 55	+ 2	+ 2	0.8	+ 1.1	54.2	69
	Dinajpur	000 52	0 00 00	×× 00 0	164 62	0 0 9 0 0	- - - 80	000 52	0 00 00	96 00 0	218 63	0 0 9 0 0	- - - 48	+ 4	- 1	0.6	+ 0.1	49.2	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	- - - —	000 ××	0 00 00	98 02 1	— —	0 0 9 0 0	- - - —			1.2	+ 0.7	80.4	84
KASHMIR	Srinagar †																		—
	Gulmerg †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 51	4 00 00	96 01 0	187 69	0 0 9 0 3	0 2 0 73	000 42	1 00 00	95 11 4	222 44	0 0 9 2 0	- - - 43	+ 5	+ 3	0.4	+ 0.1	10.5	13
	Lahore	000 52	8 00 00	96 03 1	192 65	0 0 9 0 1	9 5 × 73	000 42	0 00 00	94 10 0	227 43	0 0 9 0 1	- - - 41	+ 2	+ 2	1.3	+ 0.9	16.0	19
	Sialkot	000 49	7 00 00	97 03 1	169 64	0 0 9 8 0	- - - 68	000 43	1 00 00	96 05 1	237 50	0 0 9 0 1	- - - 45	+ 1	+ 4	1.9	+ 1.3	20.7	32
	Jhelum	000 47	8 00 00	96 02 2	190 63	0 0 9 0 6	- - - 67	000 40	6 00 00	95 10 1	236 42	0 0 9 0 6	2 6 × 40	—	—	1.9	-	28.6	—
	Rawalpindi	000 41	6 00 00	98 02 2	195 59	6 5 7 0 0	3 ×× 69	000 37	5 00 00	97 05 1	238 40	0 0 9 2 0	- - - 38	+ 4	+ 1	2.1	+ 1.1	22.9	26
	Murree †	000 24	8 31 05	96 03 1	994 44	××××××	9 × × 52	000 26	6 36 03	98 02 1	013 44	0 0 9 5 4	- - - 41	+ 5	+ 8	2.6	+ 0.8	47.7	59
	Attock	××× ××	8 09 02	96 02 0	— —	0 0 9 2 2	- - - —	××× ××	2 00 00	98 02 0	— —	0 0 9 0 1	- - - —	—	—				—
	Khushab	000 48	0 34 02	99 00 0	184 69	0 0 9 0 0	- - - 74	000 39	0 13 05	99 00 0	222 42	0 0 9 0 0	- - - 39	+ 4	- 2	0.8	+ 0.2	8.6	15
	Montgomery	000 56	6 00 00	96 01 1	187 70	0 0 9 1 1	9 0 0 76	000 37	0 00 00	98 00 0	224 41	0 0 9 0 0	- - - 39	+ 6	- 2	1.1	+ 0.1	7.2	10
	Lailah	000 42	0 00 00	97 00 0	178 72	0 0 9 0 0	- - - 73	000 39	0 00 00	96 00 0	230 45	0 0 9 0 0	- - - 43			0.4	—	6.9	8
	Multan	000 49	8 09 02	96 01 1	181 68	0 0 9 7 0	9 0 9 75	000 45	0 00 00	96 00 1	225 49	0 0 9 0 0	- - - 49	+ 6	+ 8	0	- 0.3	6.9	7
	Khanpur	000 53	7 02 02	95 04 2	174 74	0 0 9 0 6	9 9 × —	000 45	4 36 05	96 01 0	211 50	8 0 9 0 2	0 9 × 47	—	+ 4	0.1	- 0.1	2.1	4
	Bahawalpur	000 54	4 00 00	97 02 1	179 72	0 0 9 0 2	9 9 6 79	000 45	4 00 00	97 03 1	229 49	0 0 9 0 5	- - - 47	+ 6	+ 5	0.1	- 0.1	4.0	6
	Fort Abbas	000 47	0 23 02	96 00 0	167 75	0 0 9 0 0	- - - 82	000 39	5 04 02	96 03 0	218 50	0 0 9 3 0	- - - 43	-		1.5		5.0	8
N. W. F. P.	Drosh *	000 05	8 00 00	98 02 2	081 51	0 0 9 7 -	4 8 4 54	000 12	2 00 00	98 03 1	102 40	0 0 9 0 1	- - - 38	+ 5	+ 5	1.1	—	23.8	18
	Chakdara	000 38	7 34 02	99 03 1	191 55	7 0 5 7 0	- - - 55	000 29	0 00 00	98 00 0	251 39	0 0 9 0 0	- - - 34			0		31.5	—
	Cherat *	000 35	7 35 04	97 02 2	048 54	0 0 9 8 7	8 × 6 60	000 29	4 36 10	98 01 1	059 51	0 0 9 0 2	9 4 × 42	+ 8	+ 1	2.8	+ 1.6	31.7	23
	Peshawar	000 45	4 00 00	95 05 5	204 56	0 0 9 7 0	3 8 3 62	000 30	3 00 00	96 02 1	244 38	0 0 9 5 1	- - - 37	- 3	- 2	0.8	+ 0.1	9.9	14
	Parachinar	000 19	3 13 02	99 01 2	999 55	1 1 6 3 0	- - - 60	000 23	4 00 00	99 01 1	011 41	0 0 9 3 1	- - - 33	+ 8	+ 3	1.0	-	29.5	23
	Miranshah	000 29	6 00 00	97 03 1	028 72	0 2 9 4 0	- - - 62	000 19	5 31 02	97 01 1	060 40	0 0 9 6 0	- - - 38	-	-	0.5	0	11.0	13
	Bannu	000 43	8 00 00	99 02 1	190 63	0 0 9 8 0	- - - 68	000 29	0 00 00	99 00 0	232 44	0 0 9 0 0	- - - 42	—	-	0.5		6.3	11
	D. I. Khan	000 45	9 00 00	97 00 0	186 70	0 0 9 0 0	- - - 74	000 41	0 00 00	98 00 0	227 47	0 0 9 0 0	- - - 43	+ 4	+ 4	0	- 0.3	2.8	9
	Wana																		11
	Landikotal	000 29	2 00 00	99 02 2	053 53	2 4 6 0 0	- - - 59	000 25	5 00 00	99 02 1	061 41	8 0 9 7 0	- - - 33		-	0.9	-	12.8	—
	Kohat	××× ××	2 09 00	99 00 0	— —	1 8 7 0 1	- - - —	××× ××	2 09 09	99 00 0	— —	1 8 6 1 0	0 × 0 —	—	—		—		—
	Thull	××× ××	4 09 05	99 03 1	— —	0 0 9 5 0	- - - —	××× ××	2 00 00	99 01 1	— —	0 0 9 0 2	- - - —	—	—	—	—		—
BALUCHISTAN	Fort Sandeman*	000 08	6 00 00	97 01 2	023 64	3 7 6 5 0	3 ×× 69	000 16	0 00 00	98 05 0	079 38	0 0 9 0 0	- - - 37	+ 8	+ 8	0.8	- 0.2	10.3	11
	Hindubagh	000 48	7 27 02	98 01 0	976 59	0 0 9 0 2	- - - 67	000 31	1 00 00	98 00 0	976 38	0 0 9 0 1	- - - 32			0	-	9.0	—
	Loralai	000 31	0 00 00	96 00 1	048 60	0 0 9 0 0	- - - 64	000 23	0 27 05	97 00 0	020 35	0 0 9 0 0	- - - 32	—	-	0.7	—	18.6	—
	Harnai (a)	000 ××	2 31 02	95 00 0	— —	2 0 8 1 0	- - - —	000 ××	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	-	-	0.1	- 0.7	10.7	14
	Sibi	000 38	7 00 00	98 02 2	169 73	0 0 9 7 0	- - - 77	000 41	4 00 00	98 01 2	169 55	4 5 7 0 0	- - - 55	-	-	0	—	3.8	5
	Quetta †	000 27	7 35 05	96 02 1	022 63	0 0 9 7 2	4 8 6 63	000 29	3 13 03	99 01 2	096 38	0 0 9 0 5	9 × × 33			0.1	- 0.9	9.4	9
	Chaman	000 27	6 23 02	97 11 1	025 66	0 0 9 1 2	8 9 9 69	000 31	0 09 02	97 00 0	051 50	0 0 9 0 0	- - - 47	+15	+12	0	- 1.3	9.6	8
	Nushki	000 48	7 28 05	96 01 0	072 70	0 0 9 0 4	- - - 70	000 49	0 07 08	96 00 0	089 58	0 0 9 0 0	- - - 58			0	—	5.4	—
	Dalbandin *	000 44	8 00 00	96 02 1	024 73	0 0 9 0 7	- - - 75	000 28	6 00 00	96 02 1	027 46	0 0 9 0 1	- - - 46	+12	+15	0	- 0.5	1.8	4
	Nokkundi	000 37	8 11 02	99 31 1	143 73	2 1 6 3 5	9 0 0 74	000 29	6 34 05	99 01 1	198 58	0 0 9 4 5	- - - 55	—	—	0	—	1.0	2
	Kalat †	000 25	5 36 04	98 01 2	005 57	0 0 9 2 0	2 0 6 62	000 27	5 18 05	98 01 2	019 37	0 0 9 2 0	- - - 33	+10	+ 7	3.5	- 0.6	10.2	7
	Turbat	000 53	5 27 04	98 03 1	145 82	0 0 9 0 4	8 9 0 84	000 26	0 09 05	98 00 0	195 51	0 0 9 0 0	- - - 60			0		1.4	—
	Panjgur *	000 44	8 23 03	97 03 1	019 72	0 0 9 0 6	9 4 0 78	000 32	8 05 07	97 03 0	032 49	0 0 9 0 4	- - - 41	+ 8	+ 4	0	—	3.2	5
	Las Bela	000 54	0 14 00	99 00 0	158 35	0 0 9 0 0	- - - 87	000 59	0 00 00	98 00 0	204 62	0 0 9 0 0	- - - 54	—	—	0	—	1.7	8
	Ormara																		6
	Pasni																		6
	Jiwani													—					4
SIND	Reti	000 39	7 36 05	96 03 1	171 79	0 0 9 0 8	4 0 × 80	000 40	0 36 07	96 00 0	214 61	0 0 9 0 0	- - - 49	—	—	0	—	9.2	—
	Jacobabad	000 46	7 31 02	96 02 2	175 76	0 0 9 0 6	- - - 79	000 39	7 00 0	96 02 0	211 58	0 0 9 0 5	- - - 52	+ 6	+ 8	0	- 0.2	0.7	4
	Sukkur	000 52	6 ×× ××	98 03 1	187 78	0 0 9 0 8	8 6 × 85	000 42	6 ×× ××	96 03 1	203 57	0 0 9 0 8	9 6 × 50			0	—	1.0	4
	Padidan	000 50	6 00 00	98 03 1	172 79	0 0 9 0 4	- - - 84	000 46	4 0 00	98 01 1	204 50	0 0 9 0 4	9 6 × 49	-	—	0	—	0.9	—
	Karachi (*Mauripur*)	000 71	4 25 09	99 02 1	166 77	0 0 9 0 1	0 9 × 80	000 50	5 05 05	97 02 2	192 63	0 0 9 0 1	- - - 62	+ 3	+ 4	0.1	- 0.1	1.7	3
	Karachi (*A. P.*)	000 57	2 23 07	98 01 4	168 80	0 0 9 0 1	8 × × 85	000 40	4 00 00	97 03 1	198 57	0 0 9 0 1	- - - 55	—	-	0	—	2.0	—
	Badin	000 45	0 00 00	97 00 0	162 80	0 0 9 0 0	- - - 91	000 46	0 13 02	97 00 0	199 57	0 0 9 0 0	- - - 51	+11	+ 1	0.9	+ 0.7	7.3	9
	Nagarparkar														—	0		2.3	—
	Chhor (*Umarkot*)	000 58	0 34 03	97 00 0	168 82	0 0 9 0 0	- - - 90	000 49	0 00 00	97 00 0	187 59	0 0 9 0 0	- - - 55			0	- 0.1	2.0	7
	Hyderabad	000 53	2 23 02	97 01 1	163 84	0 0 9 0 2	- - - 88	000 59	6 36 05	96 03 0	190 59	0 0 9 0 3	- - - 57	+11	+ 6	0			
Jungadh	Veraval																		23
Afghanistan	Kabul							000 21	1 25 02	98 01 1	045 31	1 8 8 0 1	- - - 26		-	0.1	—	10.7	12
	Jalalabad	000 34	5 00 00	97 02 1	017 60	0 0 9 2 0	8 9 61	000 39	4 00 00	97 01 1	023 44	0 0 9 4 0	3 × 9 ××	—	-	0.3	—	7.3	—
	Kandahar	000 37	2 00 00	97 01 1	002 71	0 0 9 0 3	- - - 76	000 39	2 00 00	97 01 1	040 35	0 0 9 0 0	- - - 33	—	-	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 22ND DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_thC_mC_m$	$W_1D_aD_mT_aT_a$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	hNdd ff	VVwwW	PPPTT	$N_hC_thC_mC_m$	$W_1D_aD_mT_aT_a$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from Normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arabia	Muscat	—	—	—	—	—	—	000 83	0 00 00	99 00 0	180 72	0 0 0 0 0	— — — 69	—	0	0	-0.9	3.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 37	5 05 03	97 90 0	180 61	5 0 0 0 2	— — — 62	004 55	7 05 07	97 14 8	135 60	7 7 0 0 0	— — — 55	—	0.3	1.9	—	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_aL_aL_a$	$L_oL_oL_oGG$	N dd ff	VV ww W	PPP TT	$N_hC_thC_mC_m$	$D_sv_sa_{pp}$	3 $N_sCh_sh_s$	O $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
S. British Marquis	63 174	647 06	0 06 14	69 02 0	190 81	00 9 00	3 4 015	0 0 366	2 07 23	—
Baron Fairlie	63 148	670 06	6 05 13	99 02 0	188 82	00 9 00	6 3 101			—
Afghanistan	63 208	592 06	4 24 05	99 03 1	197 79	45 × 00	3 4 311	6 × x70	1 14 x0	—
Baron Fairlie	63 148	700 06	0 05 13	99 02 0	188 82	00 9 00	6 3 101	—	—	—
Bambuzuri	63 107	596 08	6 06 19	98 01 0	147 81	65 5 00	2 4 120	—	0 35 xx	1 06 x3
Briton Firshi	63 146	752 15	1 05 18	99 03 0	170 80	11 7 00	6 3 308	—	—	—
Afghanistan	63 196	586 12	1 14 09	99 01 0	164 90	00 - 02	3 4 600	—	0 xx 69	1 14 x1
Jaljawahar	63 181	602 12	4 07 06	98 02 1	154 78	40 6 00	2 5 xx	—	—	—
British Patience	63 188	640 12	0 05 13	99 02 0	162 79	00 9 00	3 4 025	—	0 05 65	1 06 2x
Jaljawahar	63 157	556 06	2 06 06	98 01 0	185 77	21 7 00	3 5 xx		—	-
Baron Fairlie	63 148	601 12	0 04 15	99 06 0	140 80	00 9 00	6 3 504	—	—	—
British Marquis	63 157	662 18	0 04 15	99 03 0	172 79	00 9 00	3 4 025	—	0 03 63	1 04 xx
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTmXtXt	PtPthhhh	TtTtTdtTdtTxt etc.	5555	hhhtPtPtPt	TtTtTdtTdtTxt etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	015 24	151 60	009 99	999 99	859 99	999 99	109 87	117 34
	11	12	13	14	15	16	17	18	19
Karachi	506 81	569 01	201 19	869 97	555 55	867 85	136 86	406 00	059 94
	20	21	22	23	24	25	26		
Karachi	444 00	089 90	763 50	779 90	522 50	969 97	780 87		

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands and hundreds of feet.

Upper Air Data (Hddff)*

STATIO	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30
	2	3	4	5	6	7	8	9	10	11
Bogra	84 07	25 09	26 10	06 09	08 21	22 17	—	—	—	—
Chhor	22 05	23 02	24 05	25 13	26 12	28 13	27 34	—	—	—
Chittagong	01 07	26 04	36 03	02 03	06 05	27 09	30 33	29 53	—	—
Cox's Bazar	02 06	05 06	04 03	09 02	20 02	29 35	—	—	—	—
Dacca	34 00	34 09	35 05	03 05	06 10	04 11	—	—	—	—
Dalbandin	—	—	23 01	22 07	24 14	26 10	26 21	—	—	—
Drosh	—	—	—		02 05	03 04	20 10	—	—	—
Fort Sandeman	—			25 02	25 06	24 13	35 29	—		
Jacobabad	03 04	09 03	17 04	20 03	19 07	25 10	26 22	25 34	27 44	—
Jhelum	13 01	29 01	31 08	30 10	27 09	28 11	27 19	—		
Jiwani	—									
Karachi	27 09	27 07	26 06	23 12	25 16	27 10	27 25	26 41	26 48	27 64
Khanpur	26 02	24 10	26 05	20 06	22 07	25 15	26 26	—	—	—
Lahore	29 02	30 02	29 06	31 12	33 09	28 20	28 30	—	—	—
Multan	29 03	31 09	30 09	24 16	25 11	26 10	—	—	—	—
Peshawar	—	05 03	29 02	14 04	17 03	24 09	25 24	—	—	—
Quetta					21 03	25 09	25 23	—	—	—
Bushire										
Sharjah										

STATIO	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	3	5	7	10	15	20
	12	13	14	15	16	17	18	19	20	21	22	23	24
Bogra	01 15	01 14	02 11	—	—	—	01 18	05 20	08 10	06 11	05 12	07 11	02 09
Chhor	—		—				34 02	35 04	31 05	21 01	22 07	32 10	27 21
Chittagong	02 11	05 11	07 06	11 06	06 11	04 11	02 15	03 11	01 10	04 06	07 17	09 81	35 09
Cox's Bazar	01 05	01 12	05 06	18 10	—	—	—	—	—	—	—	—	—
Dacca	03 18	02 14	03 12	06 12	06 12	08 22	05 08	05 11	05 14	05 10	10 18	08 15	15 08
Dalbandin	—		21 02	21 05	22 09	26 11	—	—	06 04	17 05	22 05	23 16	26 23
Drosh	—		—	14 01	02 02	21 05	—	—	—		03 06	03 06	16 07
Fort Sandeman					—	—	—	—	—	24 05	26 04	28 18	26 25
Jacobabad	07 03	14 02	19 05	21 05	25 05	27 07	00 21	11 05	10 02	19 02	04 03	26 00	25 17
Jhelum	03 03	01 02	21 03	30 09	30 07	30 10	35 05	31 09	34 05	31 05	09 06	31 07	29 31
Jiwani	—		—				—				—		
Karachi	25 04	27 03	25 06	22 06	24 5	26 07	25 07	22 08	25 05	06 15	22 11	28 09	27 26
Khanpur	04 10	04 05	11 06	21 08	27 04	31 07	05 11	08 03	11 07	21 02	26 03	02 01	26 15
Lahore	06 05	05 03	02 03	01 01	27 02	27 05	01 03	01 14	36 15	29 05	21 06	08 06	31 04
Multan	08 04	19 03	23 05	24 17	25 14	35 15	03 05	04 04	18 03	26 06	18 11	25 03	30 17
Peshawar	—	14 02	18 02	35 02	02 06	33 04	—	—	—	—			
Quetta	—	—	Ho	ascent	—	—	—	—		—	15 04	23 11	25 37
Bushire	—	—			—						—	—	—
Sharjah													

Cloud Observation Data (iiiGG Cddv, v_r)

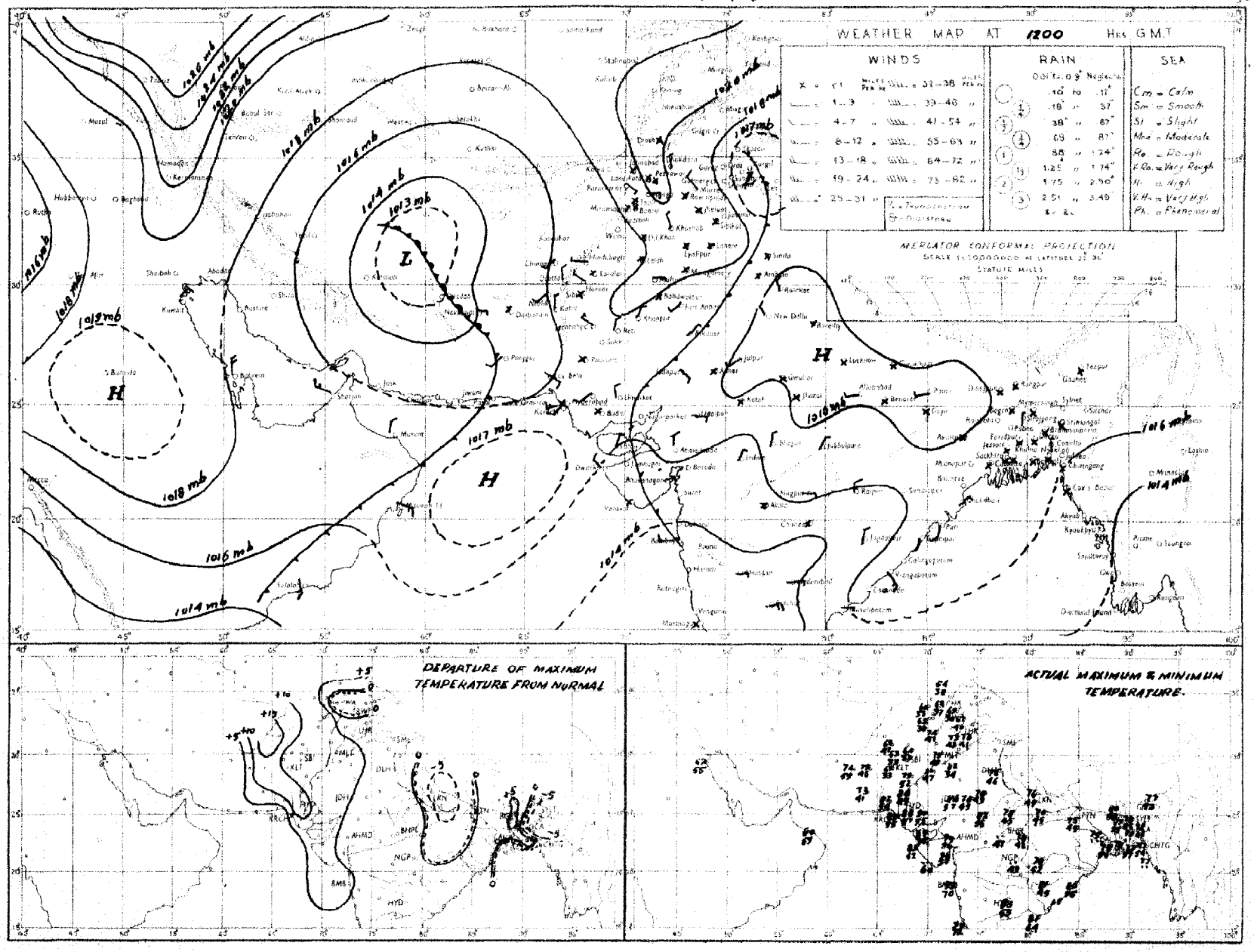
Jhelum 33301 12711

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡ The actual time of observations may vary within half an hour of the specified time.
† The correct levels to which the upper winds relate are 0.3 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands of

N. P. W.

PAKISTAN DAILY WEATHER MAP

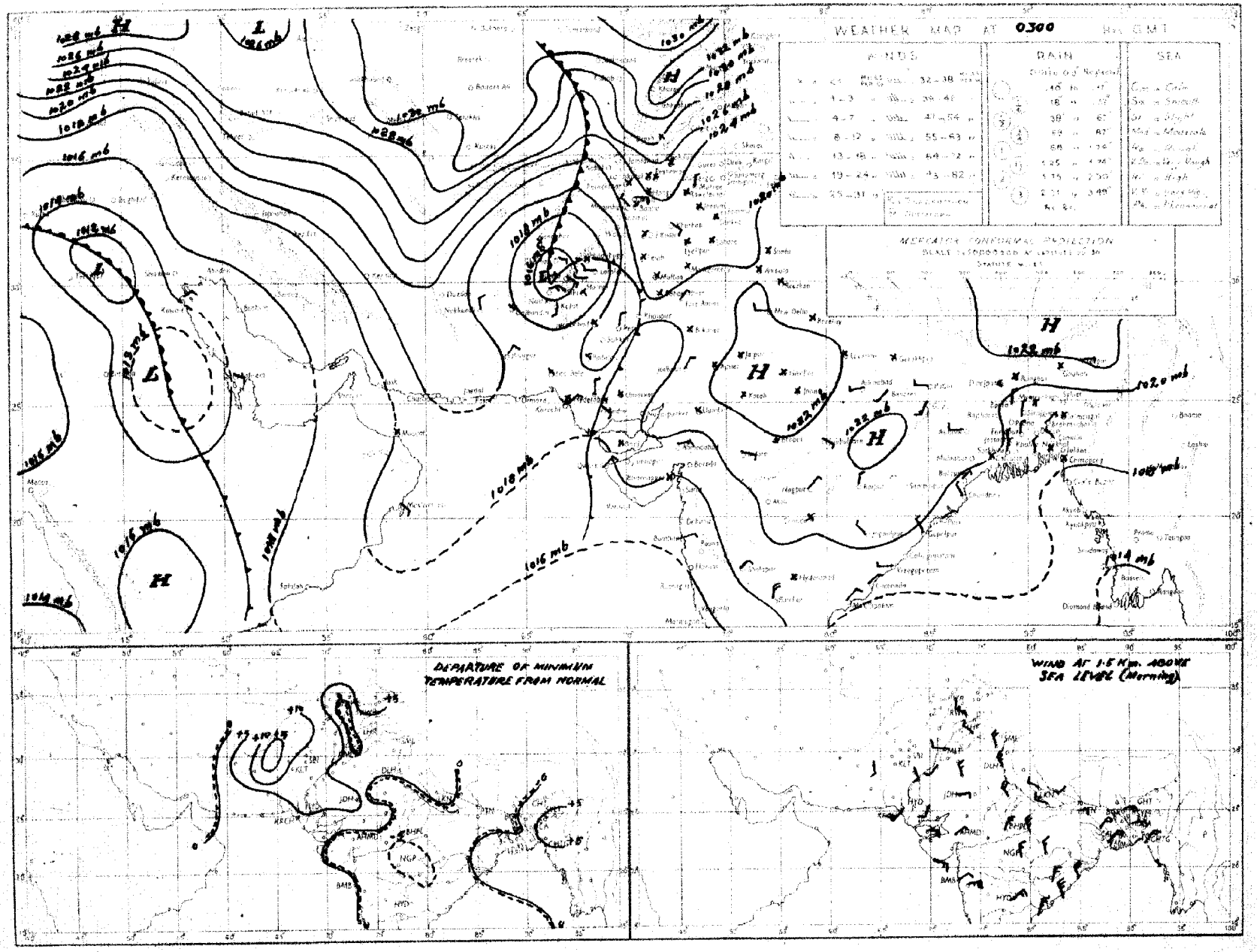
FRIDAY 21st. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 22nd. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1617

FOR SUNDAY, THE 23rd DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The western disturbance over Iraq is moving eastnortheastwards across northwest Iran.

The secondary western depression over Persian Gulf now lies over southwest Iran and is moving eastwards. It is likely to absorb the shallow low over Baluchistan.

Another western disturbance is moving eastwards across northeast Iran and adjoining Afghanistan.

Weather remained dry over the country.

Night temperatures were considerably above normal in north Baluchistan and appreciably to markedly above normal elsewhere West Pakistan outside the north Punjab.

Forecast valid until the evening of 24th :—Local rain will occur in north Baluchistan. Weather will be cloudy with chances of scattered rain/snowfall in Kashmir and the upper North-West Frontier Province.

Karachi-11.
The 23rd December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date: $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_HD_MT_nT_n$	Departure from Normal: T_xT_x	T_nT_n	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 61	0 00 00	95 00 0	150 78	0 0 9 0 0	- - - 81	000 57	0 00 00	97 00 0	178 72	0 0 9 0 0	- - - 64	+ 2	+ 7	1.3	- 2.9	122.7	140
	Chittagong	000 62	0 29 09	96 00 0	147 70	0 0 9 0 0	- - - 79	000 59	0 05 02	97 00 0	174 68	0 0 9 0 0	- - - 54	+ 2	- 2	0.8	- 2.5	134.8	108
	Noakhali	000 60	0 00 00	93 40 0	xxx 69	0 0 9 0 0	- - - 79	000 59	0 00 00	94 40 4	xxx 68	0 0 9 0 0	- - - 55	+ 1	- 2	0.7	- 1.2		115
	Comilla	000 62	0 36 05	96 00 0	144 70	0 0 9 0 0	- - - 74	000 59	0 00 00	96 00 0	174 61	0 0 9 0 0	- - - 60	- 2	+ 7	1.4	- 0.2	132.6	94
	Brahmanbaria	000 57	0 00 00	xx 00 0	160 77	0 0 9 0 0	- - - 78	000 59	0 36 02	97 00 4	178 65	0 0 9 0 0	- - - 56			0.9	- 0.5	66.4	78
	Dacca							000 61	0 36 02	97 00 4	178 65	0 0 9 0 0	3 x x 50	—	—		—	—	—
	Narayanganj	000 57	0 00 00	xx 00 0	158 71	x x x x x	9 x x 81	000 61	0 00 00	95 00 1	176 67	0 0 9 0 0	3 x x 57	+ 4	+ 1	0.7	- 0.4	89.5	74
	Mymensingh	000 50	0 00 00	99 00 0	167 72	0 0 9 0 0	- - - 77	000 59	0 00 00	97 00 0	189 64	0 0 9 0 0	- - - 55	- 2	+ 1	3.0	+ 2.1	64.8	91
	Srimangal	000 59	0 00 00	xx 00 1	175 61	0 0 9 0 0	- - - 78	000 57	0 00 00	96 00 0	179 64	0 0 9 0 0	- - - 45	- 2	- 2	1.9	+ 0.3	107.1	98
	Khulna	000 60	0 00 00	98 00 0	164 70	0 0 9 0 0	- - - 78	000 57	0 05 02	98 00 0	182 65	0 0 9 0 0	- - - 57	+ 1	+ 3	0.8	- 0.5	54.2	68
	Satkhira	000 77	0 00 00	98 00 0	138 70	0 0 9 0 0	- - - 79	000 55	0 36 02	98 00 0	172 63	0 0 9 0 0	- - - 54	0	+ 3	0.7	- 1.3	45.3	65
	Jessore	000 59	0 00 00	xx 00 0	159 69	0 0 9 0 0	- - - 80	000 56	0 00 00	97 00 0	177 60	0 0 9 0 0	- - - xx			1.1	- 0.1	47.0	65
	Faridpur	000 60	0 34 02	94 10 0	150 71	0 0 9 0 0	- - - 72	000 58	0 36 02	94 10 0	176 60	0 0 9 0 0	9 x x 54	- 3	+ 1	1.5	+ 0.2	67.0	71
	Barisal	000 59	0 00 00	97 00 0	146 73	0 0 9 0 0	- - - 80	000 60	0 00 00	98 00 0	177 65	0 0 9 0 0	- - - 51	+ 3	+ 2	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 61	0 36 02	xx 00 0	162 68	0 0 9 0 0	- - - 72	000 59	0 36 02	98 00 0	186 64	0 0 9 0 0	- - - 54	- 3	+ 1	3.3	+ 2.5	60.2	64
	Bogra	000 59	0 36 02	96 00 0	163 72	0 0 9 0 0	- - - 77	000 57	0 05 03	95 00 0	182 62	0 0 9 0 0	- - - 54	+ 2	+ 1	0.8	- 1.1	54.2	69
	Dinajpur	000 54	0 00 00	xx 00 0	170 68	0 0 9 0 0	- - - 79	000 55	0 00 00	96 00 0	208 64	0 0 9 0 0	- - - 49	+ 3	0	0.6	+ 0.1	49.2	72
	Rangpur	000 xx	0 00 00	xx 00 1	— —	0 0 9 0 0	- - - —	000 xx	0 05 05	98 00 1	— —	0 0 9 0 0	- - - —	—		1.2	+ 0.7	80.4	84
KASHMIR	Srinagar †																		—
	Gulmerg ††																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 46	0 00 00	98 00 0	186 68	0 0 9 0 0	- - - 72	000 42	2 00 00	94 11 4	218 44	0 0 9 0 3	2 0 0 42	+ 5	+ 2	0.4	+ 0.1	10.5	12
	Lahore	000 41	0 00 00	96 00 1	185 67	0 0 9 0 0	- - - 72	000 42	0 00 00	94 10 0	204 46	0 0 9 0 0	- - - 42	+ 1	+ 3	1.3	+ 0.9	16.0	19
	Sialkot	000 60	1 00 00	97 02 1	185 63	0 0 9 0 2	- - - 67	000 43	0 00 00	96 00 0	206 43	0 0 9 0 0	- - - 43	0	+ 2	1.9	+ 1.3	20.7	32
	Jhelum	000 45	0 00 00	96 00 1	191 63	0 0 9 0 0	- - - 71	000 36	0 31 02	96 00 0	215 47	0 0 9 0 0	- - - 39	—	—	1.9	-	28.6	—
	Rawalpindi	000 37	0 00 00	98 00 1	198 58	0 0 9 0 0	- - - 66	000 34	0 00 00	96 05 0	229 3	0 0 9 0 0	- - - 37	+ 4	0	2.1	+ 1.1	2?.9	36
	Murree †	000 31	2 00 00	98 01 1	002 50	0 0 9 0 x	- - - 56	000 24	0 31 03	98 00 1	013 44	0 0 9 0 0	9 x x 42	+ 9	+ 9	2.6	+ 0.7	47.7	59
	Attock	xxx xx	0 00 00	95 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	—	—		—		—
	Khushab	000 46	0 31 02	99 00 0	175 69	0 0 9 0 0	- - - 73	000 38	0 10 02	99 00 0	212 43	0 0 9 0 0	- - - 40	+ 3	- 1	0.6	+ 0.2	8.6	15
	Montgomery	000 39	0 00 00	96 00 0	190 71	0 0 9 0 0	- - - 75	000 34	0 00 00	96 0? 0	212 44	0 0 9 0 0	- - - 36	+ 5	- 3	1.1	+ 0.8	7.2	10
	Leiah	000 48	0 00 00	97 00 0	187 72	0 0 9 0 0	- - - 74	000 43	0 00 00	97 00 0	212 47	0 0 9 0 0	- - - 44			0.4	—	6.9	8
	Multan	000 51	0 09 02	97 00 0	185 71	0 0 9 0 0	- - - 75	000 44	0 00 00	96 00 0	212 48	0 0 9 0 0	- - - 46	+ 6	+ 5	0	- 0.5	6.9	7
	Khanpur	000 46	7 34 05	96 04 1	180 77	0 0 9 0 6	9 9 x 80	000 45	4 02 03	96 10 1	196 57	0 0 9 0 5	9 9 x 49	+ 7	+ 6	0.1	- 0.1	2.1	6
	Bahawalpur	000 54	5 00 00	97 03 1	183 71	0 0 9 0 2	9 9 x 80	000 44	1 07 02	97 01 1	205 48	0 0 9 0 8	2 0 0 47	—	+ 5	0.1	- 0.1	4.6	6
	Fort Abbas	000 47	6 23 02	96 03 1	170 75	0 0 9 3 0	- - - 79	000 35	0 04 02	96 00 0	199 47	0 0 9 0 0	- - - 34			1.3		5.0	6
N. W. F. P.	Drosh *	000 10	5 00 00	98 02 1	045 55	0 0 9 7 0	6 x 6 61	000 21	1 00 00	98 01 1	109 40	0 0 9 0 1	- - - 38	+12	+ 5	1.1	—	28.8	18
	Chakdara	000 38	0 20 05	98 00 0	180 61	0 0 9 0 0	- - - 66	000 31	0 36 05	98 00 0	252 35	0 0 9 0 0	- - - 34			1.2		21.5	—
	Cherat *	000 31	0 36 10	97 00 1	045 54	0 0 9 0 0	3 x x 57	000 33	0 36 23	98 0? 0	055 52	0 0 9 0 0	- - - 50	+ 5	+ 9	2.8	+ 1.5	31.7	29
	Peshawar	000 36	0 00 00	96 00 0	195 60	0 0 9 0 0	- - - 69	000 30	1 20 02	97 01 1	237 41	0 0 9 0 1	- - - 37	- 4	- 2	0.8	+ 0.1	9.9	14
	Parachinar	000 21	1 13 02	99 01 1	007 57	0 0 9 0 3	- - - 62	000 21	0 36 00	99 00 1	013 44	0 0 9 0 0	8 x x 37	+10	+ 7	1.0	-	29.5	29
	Miranshah	000 27	0 13 02	97 00 0	029 64	0 0 9 0 0	- - - 67	000 24	2 36 02	98 01 0	052 43	0 0 9 1 2	- - - 39		-	0.5	0	11.0	12
	Bannu	000 21	0 13 02	99 00 0	187 67	0 0 9 0 0	- - - 72	000 31	0 00 00	99 00 0	222 43	0 0 9 0 0	- - - 42	—	-	0.5		6.8	11
	D. I. Khan	000 51	0 00 00	94 00 0	181 69	0 0 9 0 0	- - - 71	000 37	0 25 01	94 00 0	209 42	0 0 9 0 0	- - - 41	—	+ 2	0	- 0.3	2.8	9
	Wana																		11
	Landikotal	000 29	0 00 03	99 00 1	037 55	0 0 9 0 0	- - - 61	000 26	0 00 00	99 00 0	055 41	0 0 9 0 0	- - - 37		—	0.9		12.8	—
	Hangu	xxx xx	0 05 03	99 00 1	— —	0 0 9 0 0	- - - —	xxx xx	0 00 0?	99 00 0	— —	0 0 9 0 0	- - - —		—		—		—
	Thull	xxx xx	0 23 09	99 00 0	— —	0 0 9 0 0	- - - —												—
BALUCHISTAN	Fort Sandeman *	000 29	1 00 00	97 01 1	026 65	0 0 9 0 5	4 x x 70	000 34	0 00 00	98 01 0	069 42	0 0 9 0 0	- - - 37	+ 9	+ 8	0.3	- 0.2	10.2	12
	Hindubagh	000 23	2 27 02	98 00 0	123 62	0 0 9 0 1	- - - 68	000 27	0 00 00	98 00 0	996 37	0 0 9 0 0	- - - 32			0		9.8	—
	Loralai	000 31	3 18 02	96 03 1	027 62	0 0 9 0 1	- - - 66	000 27	0 28 05	96 0 1	050 35	0 0 9 0 0	- - - 33	—		0.1	—	18.6	—
	Harnai (a)	000 xx	2 27 02	95 02 0	— —	0 0 9 2 0	- - - —	000 xx	0 09 02	96 00 0	—	0 0 9 0 0	- - - —			0.1	- 0.7	10.7	14
	Sibi	000 41	7 13 05	98 02 2	181 74	0 0 9 7 0	9 5 x 77	000 40	0 00 00	98 00 0	201 51	0 0 9 0 0	- - - 49			0		3.8	5
	Quetta †	000 43	4 02 02	99 01 1	996 63	0 0 9 0 9	8 0 x 67	000 33	2 20 08	99 01	992 40	0 0 9 0 8	9 0 x 35			0.1	- 0.9	9.4	9
	Chaman	000 41	0 23 02	97 00 0	015 68	0 0 9 0 0	- - - 72	000 31	0 13 03	96 00 0	040 55	0 0 9 0 0	- - - 40	+18	+14	0	- 1.3	9.6	8
	Nushki	000 47	8 20 05	97 02 0	048 72	0 0 9 0 4	- - - 71												—
	Dalbandin *	000 45	7 31 02	96 03 1	022 75	0 0 9 0 4	9 6 x 77	000 31	4 08 00	96 03 1	027 48	0 0 9 0 4	- - - 43	+14	+12	0	- 0.5	1.8	4
	Nokkundi	000 41	8 01 02	99 03 1	138 75	4 2 0 3 5	9 6 6 76	000 41	4 05 09	99 03 1	169 57	0 0 9 3 9	9 0 0 50			0	—	1.0	2
	Kalat †	000 29	6 36 05	98 03 7	010 57	0 0 9 2 0	0 0 6 62	000 27	0 18 05	98 00 0	014 37	0 0 9 0 0	- - - 35	+10	+ 9	0.5	- 0.4	10.2	7
	Turbat	000 64	6 27 05	98 03 1	xxx 66	0 0 9 0 4	8 9 9 66	000 24	0 09 05	98 00 0	x x 58	0 0 9 0 0	- - - 56			0		3.4	—
	Panjgur *	000 49	8 22 03	97 03 1	018 72	0 0 9 0 4	9 0 9 73	000 41	1 05 03	97 03 1	033 47	0 0 9 0 1	- - - 43	+ 8	+ 6	0	—	3.2	5
	Las Bela	000 68	0 14 02	98 00 0	158 84	0 0 9 0 0	- - - 88	000 46	0 32 02	98 00 0	162 47	0 0 9 0 0	- - - 48	—	—	0	—	1.7	8
	Ormara																		0
	Pasni																		6
	Jiwani													—					4
SIND	Beti	000 37	0 36 05	98 00 0	182 76	0 0 9 0 0	- - - 87	000 40	0 36 02	96 00 0	214 48	0 0 9 0 0	- - - 46	—	—	0	—	9.2	—
	Jacobabad	000 41	7 34 03	98 02 1	181 76	0 0 9 0 3	- - - 79	000 28	0 00 0-	96 00 0	206 33	0 0 9 0 0	- - - 52	+ 6	+ 8	0	- 0.2	0.7	4
	Sukkur	000 53	7 xx xx	98 03 1	177 74	0 0 9 0 3	8 6 x 78	000 47	0 xx xx	96 00 1	197 59	0 0 9 0 0	6 x x 54			0	-	1.0	4
	Padidan	000 46	6 05 02	98 03 1	170 78	0 0 9 0 8	- - - 78	000 43	0 0 00	96 00 1	194 50	0 0 9 0 0	- - - 38		—	0	—	0.9	—
	Karachi (*Manora*)	000 64	5 00 00	99 01 1	161 80	0 0 9 0 1	- - - 82	000 52	4 05 00	98 02 1	181 64	0 0 9 0 1	0 9 x 62	+ 5	+ 4	0.1	- 0.1	1.7	8
	Karachi (*A. P.*)	000 54	2 00 00	98 03 1	161 81	0 0 9 0 1	- - - 87	000 47	2 36 02	97 03 0	1?8 60	0 0 9 0 1	- - - ?6	—		0		8.0	—
	Badin	000 49	0 05 02	97 00 0	173 80	0 0 9 0 0	- - - 81	000 47	0 36 03	97 00 0	192 53	0 0 9 0 0	- - - xx	+ 2	—	0.9	—	7.8	9
	Nagarparkar																		
	Orhor (*Umarkot*)	000 67	0 31 03	97 00 0	143 82	0 0 9 0 0	- - - 83	000 48	0 00 00	97 00 0	191 55	0 0 9 0 0	- - - 50	—		0	-	2.5	—
	Hyderabad	000 51	0 36 03	97 00 0	169 78	0 0 9 0 0	- - - 82	000 46	0 36 03	96 00 0	191 60	0 0 9 0 0	- - - 54	+ 5	+ 3	0	- 0.1	2.0	7
Junagarh	Veraval																		21
Afghanistan	Kabul	000 25	1 00 00	99 01 0	060 52	0 0 9 4 1	- - - 58	000 20	1 25 03	99 01 1	041 28	0 0 9 0 1	0 4 0 27	—	—	0.1	—	10.7	12
	Jalalabad	000 32	0 00 00	98 00 1	016 65	0 0 9 0 0	5 x x 70	000 25	1 00 0	97 01 0	023 40	0 0 9 0 1	3 9 x 36	—	-	0.3	-	7.3	—
	Kandahar							000 30	1 00 00	97 01 0	023 31	0 0 9 0 0	- - - 33		—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 23rd DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_x T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall Since 1st Nov. 23 to date	Departure from normal	Since 1st Jan. 23 to date	Annual average
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arabia	Muscat	—	000 67	6 05 05	99 02 0	156 76	6 0 9 0 1	0 1 × 79	000 60	8 05 02	98 03 1	161 73	0 0 9 0 2	0 1 × 71	+ 3	+ 2	0	− 0.9	3.5	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	008 50	0 21 07	97 00 0	110 67	0 0 9 0 0	× 0[illegible] 60	—	—	—	—	—	—	—	—	—	—	—	5

* Barometer readings reduced to 1 geodynamic Kilometre (2,250-2,256 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049.-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 N, C_h, h_s	O $T_s T_s T_d T_d$	$id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1 1d1Tx1 etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	—	780 14	015 25	141 00	000 50	241 38	855 14	190 33	700 85	115 83
		599 16	559 90	201 60	869 94	555 55	359 08	220 93	688 60	165 06
		476 00	069 94	484 00	679 90	8 3 50	759 96	562 50		

PPP—Pressure in hundreds, tens and units of millibars, PP—Pressure in hundreds, and tens of millibars, hhh—Height in thousands, hundreds and tens of feet, hh—Height in thousands, and hundreds of feet,

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Heights in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	02 07	01 08	06 07	09 07	12 08	12 09	30 15	26 23	—	—	03 10	04 13	04 14	06 07	—	—	04 08	07 03	04 04	12 01	18 01	28 08	28 17	—
Chhor	28 01	30 01	30 01	29 18	28 06	28 10	27 23	28 29	—	—	05 07	04 04	—	—	—	—	05 07	04 04	09 03	14 04	06 11	31 06	28 23	29 22
Chittagong	29 05	30 04	03 06	03 05	07 15	03 04	34 14	—	—	—	29 04	29 03	33 05	06 02	18 01	25 02	12 07	14 03	11 04	04 04	23 08	24 09	27 16	29 22
Cox's Bazar	27 05	32 03	02 06	08 12	09 21	10 18	—	—	—	—	34 11	34 09	36 08	03 04	13 05	04 06	08 05	09 05	17 05	05 07	35 08	01 07	28 13	28 29
Dacca	35 05	02 07	02 05	06 12	09 17	08 10	32 17	30 37	—	—	04 05	07 05	08 09	05 22	10 26	—	02 07	02 05	06 16	03 12	06 12	02 06	21 21	—
Dalbandin	—	—	17 01	21 04	22 12	23 12	25 29	—	—	—	—	—	12 04	20 10	20 10	21 12	—	—	25 01	17 07	16 17	21 17	25 30	26 36
Drosh	—	—	—	—	31 02	24 12	—	—	—	—	—	—	—	14 01	04 03	11 07	—	—	—	—	03 11	01 13	04 04	29 39
Fort Sandeman	—	—	—	29 01	33 03	29 15	26 29	26 37	28 64	27 81	—	—	—	—	—	—	—	—	—	22 03	21 04	19 09	26 24	27 44
Jacobabad	08 05	08 05	06 01	10 03	11 03	26 06	18 06	—	—	—	01 06	05 03	12 02	25 02	03 01	02 01	10 10	05 03	08 04	11 03	09 03	12 15	02 16	—
Jhelum	29 02	28 09	29 07	30 09	30 06	26 07	28 27	28 36	—	—	—	—	—	—	—	—	29 13	30 20	31 17	32 12	34 21	32 08	32 18	28 37
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	09 03	09 02	11 01	21 08	27 04	20 08	27 25	27 33	26 44	27 44	06 19	09 06	10 05	03 02	09 05	27 03	07 12	07 04	06 05	07 09	12 11	26 04	37 17	—
Khanpur	04 03	09 03	16 05	01 02	25 03	28 08	27 30	28 36	29 48	—	03 11	02 07	34 01	20 02	24 07	34 09	07 08	04 03	34 01	31 07	02 03	25 07	28 19	26 33
Lahore	32 04	28 04	30 06	31 07	31 07	31 12	28 23	28 37	28 48	29 72	—	—	—	—	—	—	32 06	32 10	30 03	32 10	33 10	29 19	32 03	29 10
Multan	36 04	01 03	34 04	27 03	25 04	24 07	26 23	27 34	—	—	01 04	36 04	35 04	29 04	35 04	31 05	12 06	03 07	05 04	25 09	05 03	23 03	36 24	28 42
Peshawar	—	14 02	32 03	34 04	27 05	25 09	27 23	26 41	36 52	—	—	09 01	16 01	33 05	33 06	23 08	—	27 02	27 05	—	32 09	32 13	29 12	—
Quetta	—	—	—	—	21 07	25 14	26 33	27 27	27 35	27 58	—	—	No	ascent	—	—	—	—	—	—	12 03	19 17	25 28	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v_s)

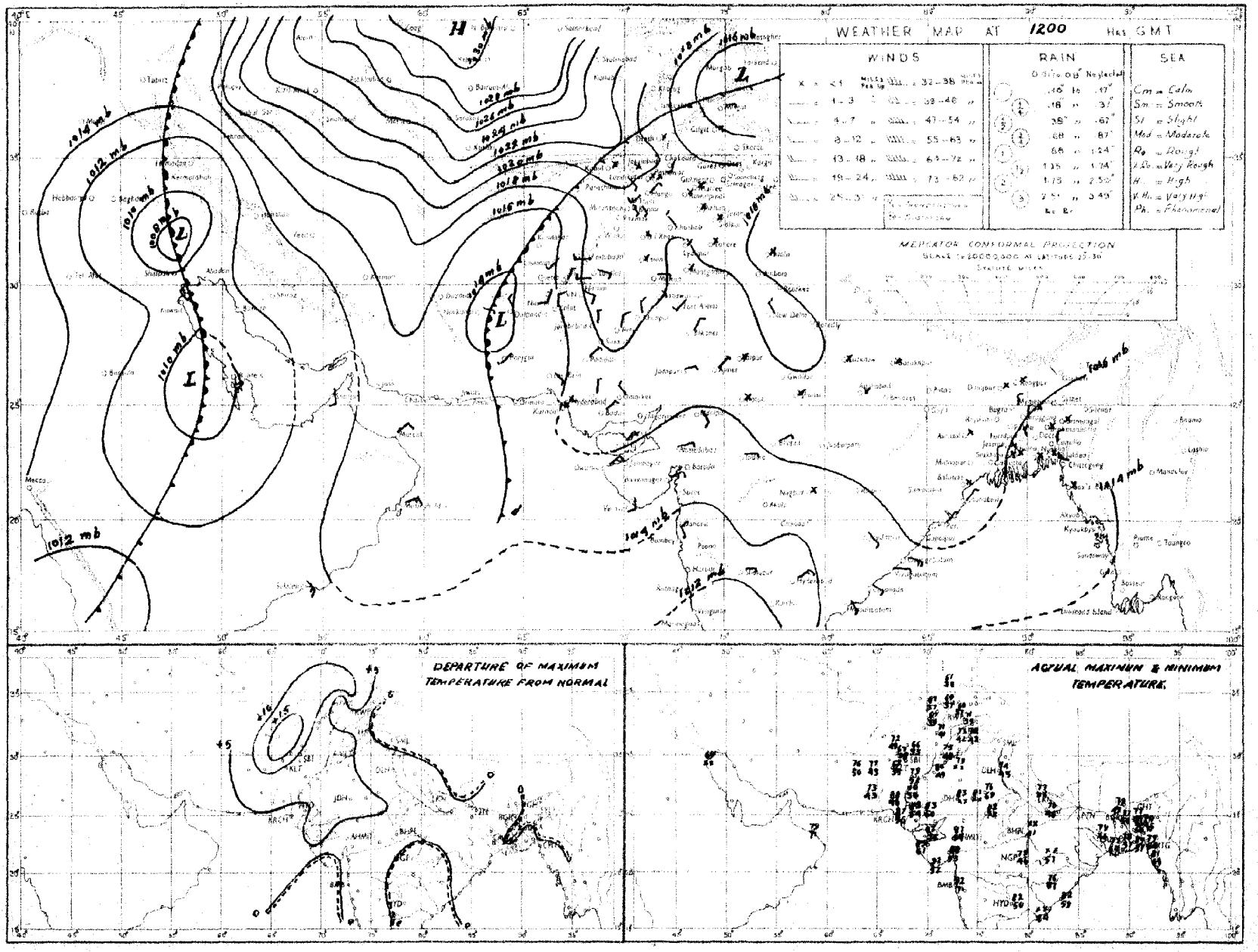
Dalbandin 71208 12714

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.5 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest approximations, levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

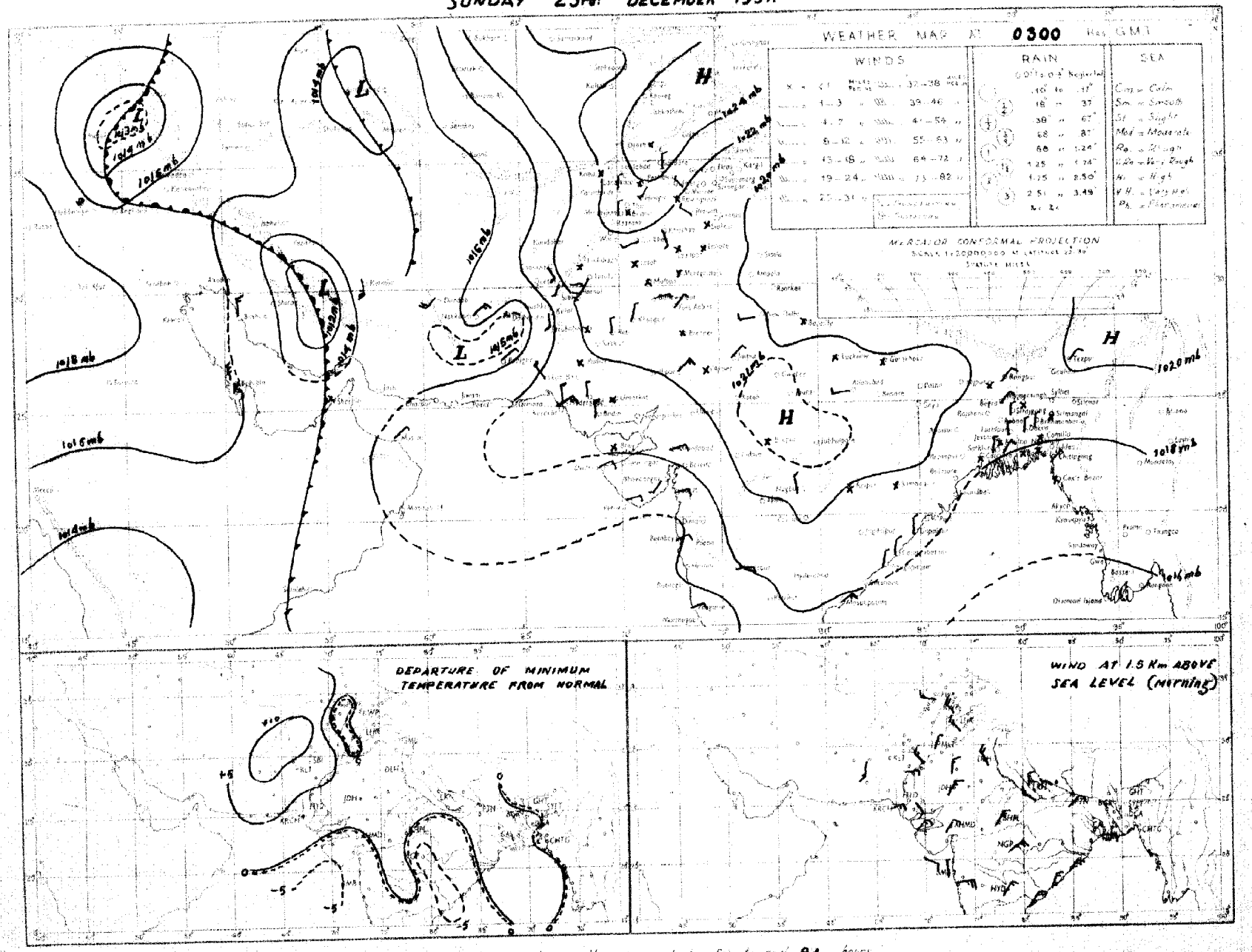
SATURDAY 22nd. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 23rd DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR MONDAY, THE 24th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The depression over southwest Iran has moved eastnortheastwards and is now bordering Baluchistan. It is likely to continue move in the same direction.

The western disturbance over northeast Iran, now lies over Russian Turkistan. Its associated cold front is affecting the extreme north of West Pakistan.

Weather continued dry over the country.

Night temperatures have risen appreciably in the North-West Frontier Province. They were considerably above normal in north Baluchistan and the North-West Frontier Province and generally appreciably above normal elsewhere in West Pakistan.

Forecast valid until the evening of 25th :—Local rain/drizzle will occur in north Baluchistan, the North-West Frontier Province and Kashmir. Cloudy weather with chances of scattered rain is also likely in the north Punjab.

Karachi-11.
The 24th December, 1951.

OBSERVATIONS

A. M. A. LATEEF,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	7	18	19	2
EAST PAKISTAN	Cox's Bazar	000 59	0 00 00	95 00 0	141 72	0 0 9 0 0	- - - 80	000 59	0 00 00	97 00 0	172 66	0 0 9 0 0	- - - 57	+ 3	0	1.3	- 2.9	122.7	140
	Chittagong	000 57	0 27 01	96 00 0	142 69	0 0 9 0 0	- - - 81	000 59	0 02 02	96 00 0	171 63	0 0 9 0 0	- - - 56	+ 4	0	0.3	- 2.5	134.8	108
	Noakhali	000 60	0 00 00	93 46 0	xxx 72	0 0 9 0 0	- - - 80	000 57	0 00 00	94 40 4	xxx 64	0 0 9 0 0	- - - 55	+ 2	- 2	0 7	—	—	118
	Comilla	000 58	1 00 00	96 00	132 70	0 0 9 0 3	- - - 79	000 59	0 00 00	98 00 0	179 61	0 0 9 0 0	- - - 60	- 6	+ 7	1.4	- 0.2	132.6	94
	Brahmanbaria	000 59	0 00 00	xx 00 0	136 67	0 0 9 0 0	- - - 78	000 57	0 00 00	97 0 0	186 71	0 0 9 0 0	- - - 54			0.9	- 0.5	66.4	78
	Dacca	xxx 57	0 00 00	xx 00 0	142 67	0 0 9 0 0	- - - 80	xxx 59	0 00 00	97 00 0	182 65	0 0 9 0 0	- - - 49	—	—		—	—	—
	Narayanganj	000 55	0 00 00	xx 00 0	136 70	0 0 9 0 0	- - - 71	000 59	0 00 00	94 10 4	182 58	0 0 9 0 0	3 x x 56	- 6	0	0.7	- 0.4	89.5	74
	Mymensingh	000 57	0 00 00	98 00 0	145 71	0 0 9 0 0	- - - 78	000 58	0 00 00	97 00 0	194 61	0 0 9 0 0	- - - 54	- 2	0	3.0	+ 2.1	64.8	91
	Srimangal	000 56	0 00 00	xx 00 0	145 58	0 0 9 0 0	- - - 78	000 58	0 00 00	96 00 0	186 61	0 0 9 0 0	- - - 44	- 2	- 3	1.9	+ 0.3	107.1	96
	Khulna	000 67	0 05 02	98 00 0	148 69	0 0 9 0 0	- - - 81	000 57	0 00 00	98 00 0	189 65	0 0 9 0 0	- - - 57	+ 4	+ 3	0.8	- 0.5	54.2	68
	Satkhira	000 61	0 0 00	98 00 0	138 71	0 0 9 0 0	- - - 80	000 56	0 31 02	98 00 0	191 63	0 0 9 0 0	- - - 54	+ 1	+ 3	0.7	- 1.3	45.3	65
	Jessore	000 61	0 00 00	xx 00 0	145 xx	0 0 9 0 0	- - - 82	000 58	0 36 05	97 00 0	177 70	0 0 9 0 0	- - - 50			1.1	- 0.1	47.0	66
	Faridpur	000 61	0 00 00	94 10 0	141 71	0 0 9 0 0	- - - 72	000 57	0 36 02	93 43 0	189 58	0 0 9 0 0	9 x x 53	- 3	0	1.5	+ 0.2	67.0	71
	Barisal	000 61	0 00 00	97 00 0	139 73	0 0 9 0 0	- - - 80	000 59	0 05 02	98 00 0	176 65	0 0 9 0 0	- - - 56	+ 3	+ 1	1.2	- 0.8	74.7	81
	Pabna																		59
	Rampur Boalia																		66
	Sirajganj	000 63	0 00 00	xx 00 0	134 69	0 0 9 0 0	- - - 75	000 59	0 36 02	96 00 4	197 63	0 0 9 0 0	- - - 54	—	+ 1	3.3	+ 2.6	69.1	64
	Bogra	000 62	0 0 00	96 00 0	142 72	0 0 9 0 0	- - - 80	000 58	0 05 03	96 00 0	195 64	0 0 9 0 0	- - - 58	4 5	0	0.8	- 0.1	54.2	69
	Dinajpur	000 56	0 00 00	xx 00 0	142 67	0 0 9 0 0	- - - 76	000 53	0 00 00	96 00 0	198 64	0 0 9 0 0	- - - 49	0	0	0.6	+ 0.1	49.2	72
	Rangpur	000 xx	0 00 00	xx 00 1	— —	0 0 9 0 0	- - - —	000 xx	0 09 02	98 00 1	— —	0 0 9 0 0	- - - —	—		1.2	+ 0.7	80.4	84
KASHMIR	Srinagar †																		
	Gulmerg ††																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Aliabad																		
PUNJAB	Lyallpur	000 47	0 29 02	96 01 0	168 70	0 0 9 0 2	0 2 0 75	000 44	2 29 02	94 11 4	186 48	0 0 9 2 0	1 0 0 43	+ 7	+ 3	0.4	+ 0.1	10.5	15
	Lahore	000 49	1 27 02	96 01 1	167 69	0 0 9 0 1	8 x x 73	000 46	5 00 00	94 10 1	184 47	0 0 9 3 5	9 6 6 45	+ 2	+ 6	1.3	+ 0.9	16.0	19
	Sialkot	000 47	3 00 00	97 03 1	167 67	0 0 9 0 2	- - - 65	000 45	4 00 00	97 03 1	194 58	0 0 9 0 x	- - - 44	- 1	+ 3	1.9	+ 1.5	20.7	8
	Jhelum	000 57	2 31 03	97 01 1	167 68	0 0 9 0 1	- - - 72	000 42	8 01 00	95 10 1	192 47	0 0 9 1 1	9 6 9 46	—		1.9	—	28.6	
	Rawalpindi	000 55	2 27 02	98 01 1	171 61	0 0 9 3 0	- - - 71	000 42	4 00 00	96 05 1	198 47	0 0 9 3 0	- - - 38	+ 6	+ 1	2.1	+ 1.1	27.9	34
	Murree †	000 23	7 27 03	98 02 1	994 49	0 0 9 0 8	4 5 x 59							+12					64
	Attock	xxx xx	0 00 00	95 00 0	— —	0 0 9 0 0	- - - —	xxx xx	4 00 00	96 02 0	— —	0 0 9 0 1	- - - —	—	—				
	Khushab	000 43	2 29 05	99 01 1	164 74	0 0 9 5 8	- - - 71	000 40	2 27 05	99 01 1	193 47	0 0 9 0 8	- - - 42	+ 1	+ 1	0.5	+ 0.2	8.6	15
	Montgomery	000 58	0 00 00	97 00 0	172 73	0 0 9 0 0	- - - 75	000 35	0 31 03	96 00 0	194 40	0 0 9 0 0	- - - 37	+ 5	- 4	1.1	+ 0.8	7.2	10
	Leiah	000 45	0 00 00	97 00 0	175 77	0 0 9 0 0	- - - 78	000 41	0 00 00	97 00 0	203 48	0 0 9 0 0	- - - 43			0 4	—	6.9	8
	Multan	000 46	0 00 00	97 00 0	173 73	0 0 9 0 0	- - - 77	000 43	8 00 00	95 01 1	195 56	0 0 9 7 0	7 0 9 48	+ 8	- 7	0	- 0.3	6.9	7
	Khanpur	000 49	3 18 02	97 01 1	171 79	0 0 9 0 2	0 9 x 81	000 42	6 23 02	96 03 1	195 56	0 0 9 0 6	0 9 x 49	+ 8	+ 6	0.1	- 0.1	2.1	6
	Bahawalpur	000 57	5 00 00	97 00 1	170 74	0 0 9 0 0	2 0 0 75	000 41	4 16 02	97 03 0	193 48	4 0 5 1 5	- - - 48	+ 5	+ 6	0.1	- 0.1	4.5	6
	Fort Abbas	000 47	0 31 02	96 00 0	167 75	0 0 9 0 0	- - - 79	000 41	0 04 02	96 00 0	1 8 50	0 0 9 0 0	- - - 45	—	—	1.2	—	5.0	8
N. W. F. P.	Drosh *	000 12	6 00 00	98 01 1	044 54	0 0 9 0 5	8 6 x 59	000 12	8 09 03	97 02 1	072 47	0 0 9 2 0	- - - 39	+10	+ 6	1.1	—	22.8	18
	Chakdara	000 43	5 20 03	98 03 1	155 59	0 0 9 0 6	3 9 x 63	000 46	7 20 05	98 03 2	198 47	7 0 5 7 -	4 - 6 34	—	—	0	—	21.5	
	Cherat *	000 36	3 36 07	97 01 1	032 57	0 0 9 0 2	4 0 x 60	000 35	4 36 05	98 01 2	035 55	0 0 9 3 4	9 4 0 51	+ 8	+10	2.8	+ 1.5	31.7	39
	Peshawar	000 37	4 00 00	96 01 1	172 66	0 0 9 3 2	8 6 6 74	000 39	6 18 02	96 03 1	199 48	0 0 9 7 0	0 x 5 44	+ 9	- 5	0 8	+ 0.1	0.9	14
	Parachinar	000 27	4 13 02	99 01 1	001 61	0 0 9 3 3	- - - 65	000 26	4 36 02	99 01 1	073 44	1 1 8 3 3	2 0 9 41	+13	+11	1.0	—	29.5	29
	Miranshah	000 33	6 13 03	97 02 1	028 67	0 0 9 6 3	- - - 72	000 28	7 00 00	97 03 2	028 46	0 0 9 6 5	- - - 41		—	0.5	0	11.0	18
	Bannu	000 46	0 18 02	98 00 0	171 69	0 0 9 0 0	- - - 75	000 35	0 00 00	99 00 0	205 46	0 0 9 0 0	- - - 42	—	—	0.5	—	6.3	11
	D. I. Khan	000 39	0 00 00	98 00 0	180 73	0 0 9 0 0	- - - xx	000 41	0 00 00	96 00 0	202 46	0 0 9 0 0	- - - 41	—	+ 2	0	- 0.8	2.8	9
	Wana																		11
	Landikotal	000 34	4 00 00	99 02 1	025 57	4 4 6 0 0	- - - 62	000 30	4 00 00	99 02 1	035 45	4 4 6 0 0	- - - 41		—	0.9	—	12.8	—
	Hangu	xx x xx	0 05 02	99 00 1	— —	0 0 9 0 0	8 x 6 —	xxx xx	5 00 00	99 03 1	— —	0 0 9 0 4	9 0 x —	—	—	—	—		—
	Thull	xx x xx	0 00 00	99 00 1	— —	0 0 9 0 0	- - - —	xxx xx	4 00 00	99 03 1	— —	0 0 9 0 4	- - - —	—	—	—	—	-	—
BALUCHISTAN	Fort Sandeman *	000 23	4 02 03	97 01 1	008 68	0 0 9 5 4	4 x x 71	000 27	8 00 00	97 02 1	064 45	8 7 6 0 0	2 x x 41	+10	+12	0.3	- 0.2	10.3	11
	Hindubagh	000 39	4 09 02	98 00 0	028 50	0 0 9 0 2	- - - 65	000 31	8 00 00	98 00 0	017 40	0 0 9 0 6	- - - 34	—	—	0	—	9.9	—
	Loralai	000 37	6 13 02	96 03 1	020 62	0 0 9 0 4	- - - 67	000 31	8 23 05	96 03 1	053 41	0 0 9 2 0	- - - 34	—	—	0.1	—	18.6	—
	Harnai (a)	000 xx	4 12 03	96 03 2	— —	x 0 9 3 5	- - - —	000 xx	5 31 03	96 03 2	— —	x 0 9 4 2	- - - —	—	—	0.1	- 0.7	10.7	14
	Sibi	000 41	5 23 05	99 03 1	109 70	0 0 9 7 0	- - - 79	000 42	7 00 00	98 03 1	183 53	0 0 9 7 0	6 5 x 45	—	—	0	—	3.8	5
	Quetta †	000 46	7 20 03	99 03 1	954 63	0 0 9 0 9	- - - 68	000 40	8 00 00	99 02 2	979 46	0 0 9 4 9	9 0 0 38			0.1	- 1.0	9.4	9
	Chaman	000 31	0 23 03	97 00 0	001 68	0 0 9 0 0	- - - 75	000 33	6 00 00	97 01 1	020 50	0 0 9 2 0	8 x 9 49	+21	+14	0	- 1.3	9.6	3
	Nushki	000 52	6 20 05	97 02 0	046 74	0 0 9 0 4	- - - 77	000 43	0 11 03	96 00 0	055 61	0 0 9 0 0	- - - 57	—	—	0	—	5.4	—
	Dalbandin *	000 40	7 23 07	96 03 1	008 72	0 0 9 0 4	9 6 x 77	000 39	6 00 00	96 03 1	014 52	0 0 9 0 6	7 6 x 48	+14	+12	0	- 0.6	1.3	4
	Nokkundi	000 45	6 05 09	99 03 1	110 75	0 0 9 4 5	9 0 0 77	000 37	7 05 09	99 03 1	159 57	3 4 6 4 9	9 9 9 50	—	—	0	—	1.0	2
	Kalat †	000 27	6 13 05	98 03 0	986 60	0 0 9 0 4	2 6 9 63	000 27	6 00 00	98 02 2	995 37	0 0 9 2 0	0 0 6 37	+11	+11	0.5	- 0.4	10.2	7
	Turbat	000 58	3 13 05	98 03 1	810 61	0 0 9 0 4	8 6 0 85	000 49	0 09 05	98 00 0	819 61	0 0 9 0 0	- - - 56			9	—	1.4	—
	Panjgur *	000 35	8 23 03	97 03 1	010 70	0 0 9 0 6	9 4 0 71	000 35	5 05 03	97 03 0	032 44	0 0 9 0 4	9 5 0 40	+ 6	+ 3	0	—	3.3	5
	Las Bela	000 55	0 00 00	99 00 0	138 81	0 0 9 0 0	- - - 88	000 35	0 31 02	97 00 0	181 64	0 0 9 0 0	- - - 48	—	—	0	—	1.7	2
	Ormara																		6
	Pasni																		6
	Jiwani													—					4
SIND	Badin	000 35	0 36 02	96 00 0	178 77	0 0 9 0 0	- - - 80	000 39	5 13 02	96 03 1	192 50	0 0 9 4 0	2 0 7 47	—	—	0	—	9.2	—
	Jacobabad	000 43	4 29 02	97 02 0	174 76	0 0 9 0 5	- - - 79	000 38	2 27 02	96 03 2	192 58	0 0 9 0 6	- - - 50	+ 6	+ 6	0	- 0.2	0.7	4
	Sukkur	000 47	4 xx xx	96 02 1	173 77	0 0 9 0 3	6 6 x 80	000 43	6 xx xx	96 02 1	186 57	0 0 9 0 0	9 6 x 51			0	—	1.0	4
	Padidan	000 45	6 34 05	98 03 1	164 78	0 0 9 0 4	7 6 x 79	000 44	2 0 00	98 01 1	164 48	0 0 9 0 1	- - - 46	—	—	0	—	0.9	—
	Karachi (Manora)	000 43	5 00 00	99 02 2	161 77	0 0 9 0 1	0 9 x 85	000 43	0 05 05	98 00 0	180 64	0 0 9 0 0	- - - 64	+ 8	+ 6	0.1	- 0.1	1.7	3
	Karachi (A. F.)	000 43	4 05 03	97 03 1	163 83	0 0 9 0 9	- - - 85	000 41	0 36 02	98 00 1	185 56	0 0 9 0 0	- - - 54	—		0	—	3.0	—
	Badin	000 46	0 05 02	97 00 0	166 81	0 0 9 0 0	- - - 88	000 45	0 00 00	97 00 0	181 53	0 0 9 0 0	- - - 50	+ 9	0	0.9	+ 0.7	7.8	9
	Nagarparkar																		
	Chhor (Umarkot)	000 47	0 21 03	97 00 0	169 82	0 0 9 0 0	- - - 85	000 43	0 00 00	97 00 0	182 52	0 0 9 0 0	- - - 48	—	—	0	—	2.3	—
	Hyderabad	000 48	0 05 03	97 01 0	175 79	0 0 9 0 1	- - - 81	000 45	0 36 02	99 00 0	180 57	0 0 9 0 0	- - - 54	+ 4	+ 3	0	- 0.1	2.0	7
Junagarh	Veraval																		30
Afghanistan	Kabul	000 27	8 02 02	99 03 2	022 51	0 0 9 2 —	0 — — 57	000 22	8 00 00	98 03 2	032 49	5 7 7 2 —	- - - 28	—	—	0.1	—	10.7	12
	Jalalabad	000 32	3 09 03	97 01 1	015 65	8 0 9 4 0	8 x 9 47	000 33	5 00 00	97 01 1	019 51	0 0 9 7 0	3 x 9 39	—	—	0.3	—	7.3	—
	Kandahar	000 45	6 00 00	95 02 1	053 73	8 0 9 5 0	- - - 78	000 32	4 00 00	97 01 1	004 52	0 0 9 4 0	- - - 55	—	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 24th DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_1 D_2 T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_1 D_2 T_x T_n$	Departures from Normal T_x T_n	T_d T_w	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19
Arabia	Muscat	000 65	8 05 13	99 02 1	184 76	9 0 9 8 2	0 1 × 78	000 59	9 00 00	99 00 0	160 74	9 0 9 0 5	- - - 70	+ 1	+ 1	0	-0.9	3.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	008 48	0 31 09	97 00 0	184 57	0 0 9 0 ·	- - - 57	000 41	0 31 05	97 00 0	235 50	0 0 9 0 0	- - - 46	—	—	0.4	—	1.9	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,550-3,356 feet according to latitude).
‡ Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
† † Barometer readings reduced to 3 geodynamic Kilometre (10,249-10,069 feet according to latitude).
RRR at 0200 hrs. G.M.T. is rainfall since 0200 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	VQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	D_s v_s app	S N, Ch, h_s	O T_s T_s T_d T_j	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jaljawahar	13 181	697 06	0 03 10	98 00 0	164 79	00 9 00	2 5 ×××	—	—	—
Azaire	13 096	650 06	0 05 07	98 02 0	183 82	11 4 08	2 4 118	—	0 58 ××	1 05 42
Dwarka	13 250	677 06	7 12 24	99 02 2	170 77	21 6 49	5 5 110	—	0 51 71	—
British Patience	13 128	692 06	3 06 18	99 02 0	142 84	31 5 00	3 4 700	—	0 61 69	1 06 ××
Jehangir	13 079	741 06	3 04 10	99 01 0	126 83	00 9 04	2 3 810	—	0 06 75	1 04 72
Jaljawahar	13 183	709 12	0 07 03	98 00 0	165 82	—	—	—	—	—
Jaljawahar	13 187	720 18	0 03 06	98 00 0	150 80	00 9 00	2 4 ×××	—	—	—
Bharatjal	13 065	767 18	0 05 09	97 10 0	100 82	×× × ××	—	—	—	—
Bharatraja	13 099	759 06	2 12 09	98 00 0	116 79	21 5 ××	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoTeTo	TdoTdoTeoX1X2	P1P1h1h1h1	T1T1Td1Td1T11 etc.	5555	n1h1P1P1P1	T2T2Td2Td2T21 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	014 23	168 60	000 47	220 86	855 08	186 05	700 45	117 13
	11	12	13	14	15	16	17	18	19
Karachi	509 33	589 91	301 60	849 94	555 55	129 75	240 00	359 00	205 37
	20	21	22	23	24	25	26		
Karachi	688 00	156 38	466 00	016 26	494 00	789 90	803 50		

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
nh—Height in thousands and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Heights in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	29 03	32 05	32 09	31 04	32 05	35 12	38 21	39 49	—	—	01 19	36 10	01 10	30 08	—	—	04 09	08 11	04 09	14 03	13 07	30 04	34 09	—
Chhor	07 02	07 04	09 04	11 08	15 03	31 06	38 17	37 27	38 42	—	—	—	—	—	—	—	21 07	31 08	33 09	39 08	39 04	33 10	34 17	36 21
Chittagong	29 01	30 02	16 01	12 08	05 05	32 10	26 13	—	—	—	03 06	09 05	06 06	15 08	05 07	33 13	04 12	08 09	09 04	14 13	03 04	32 12	30 30	—
Cox's Bazar	38 07	38 02	05 04	06 09	17 03	39 08	08 07	—	—	—	02 12	36 06	31 09	15 03	—	—	01 10	07 05	14 04	19 11	33 01	01 08	—	—
Dacca	33 03	33 04	03 04	07 06	03 05	32 08	—	—	—	—	36 06	01 06	04 06	03 04	07 05	29 16	05 03	05 05	05 06	09 09	06 03	31 17	32 18	30 29
Dalbandin	—	—	24 05	18 12	20 19	31 37	44 23	—	—	—	—	—	34 12	19 14	31 23	23 24	—	—	13 03	19 13	32 17	34 18	—	—
Drosh	—	—	—	—	04 23	02 06	15 06	28 30	28 37	—	—	—	—	03 04	05 09	36 10	—	—	—	—	04 20	03 06	17 16	—
Fort Sandeman	—	—	—	26 06	23 06	25 13	26 21	27 40	—	—	—	—	—	—	—	—	—	—	—	25 04	18 10	30 15	25 27	34 46
Jacobabad	06 03	05 02	13 02	12 03	15 13	26 17	27 32	26 38	—	—	35 03	25 04	22 09	21 10	21 11	—	13 01	17 03	22 05	21 14	21 24	35 23	39 44	—
Jhelum	29 03	29 03	30 06	34 03	32 13	31 09	28 17	29 33	—	—	36 05	31 13	30 13	30 06	29 13	07 02	05 02	34 07	34 10	32 11	29 10	31 05	24 16	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	06 03	06 03	08 07	03 07	13 09	18 09	25 26	26 25	26 38	27 46	05 03	05 03	06 05	05 06	09 04	16 08	36 05	39 05	32 05	35 04	36 06	32 04	21 14	—
Khanpur	02 02	34 02	31 02	01 01	19 04	27 10	27 21	28 29	28 43	—	26 04	34 06	33 07	31 05	27 05	23 17	16 05	23 06	23 09	26 09	14 06	16 10	36 25	—
Lahore	35 05	30 08	30 11	33 15	32 10	31 13	28 16	30 41	30 39	30 60	29 06	33 08	32 08	33 02	33 12	21 08	01 04	34 09	33 03	30 11	31 10	35 13	37 19	—
Multan	14 01	35 01	04 03	13 03	10 04	36 09	28 20	27 34	29 40	—	29 06	33 09	33 09	13 12	28 09	25 10	19 09	31 06	34 10	34 10	33 13	31 09	29 22	—
Peshawar	—	06 03	31 19	33 10	30 07	28 10	26 06	27 33	28 47	—	—	33 01	31 04	19 06	25 03	19 01	—	09 03	32 05	32 03	33 01	34 01	27 10	—
Quetta	—	—	—	—	14 07	31 11	25 29	—	—	—	—	—	No	ascent	—	—	—	—	—	—	—	—	—	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v_r)

Peshawar 58009 12820

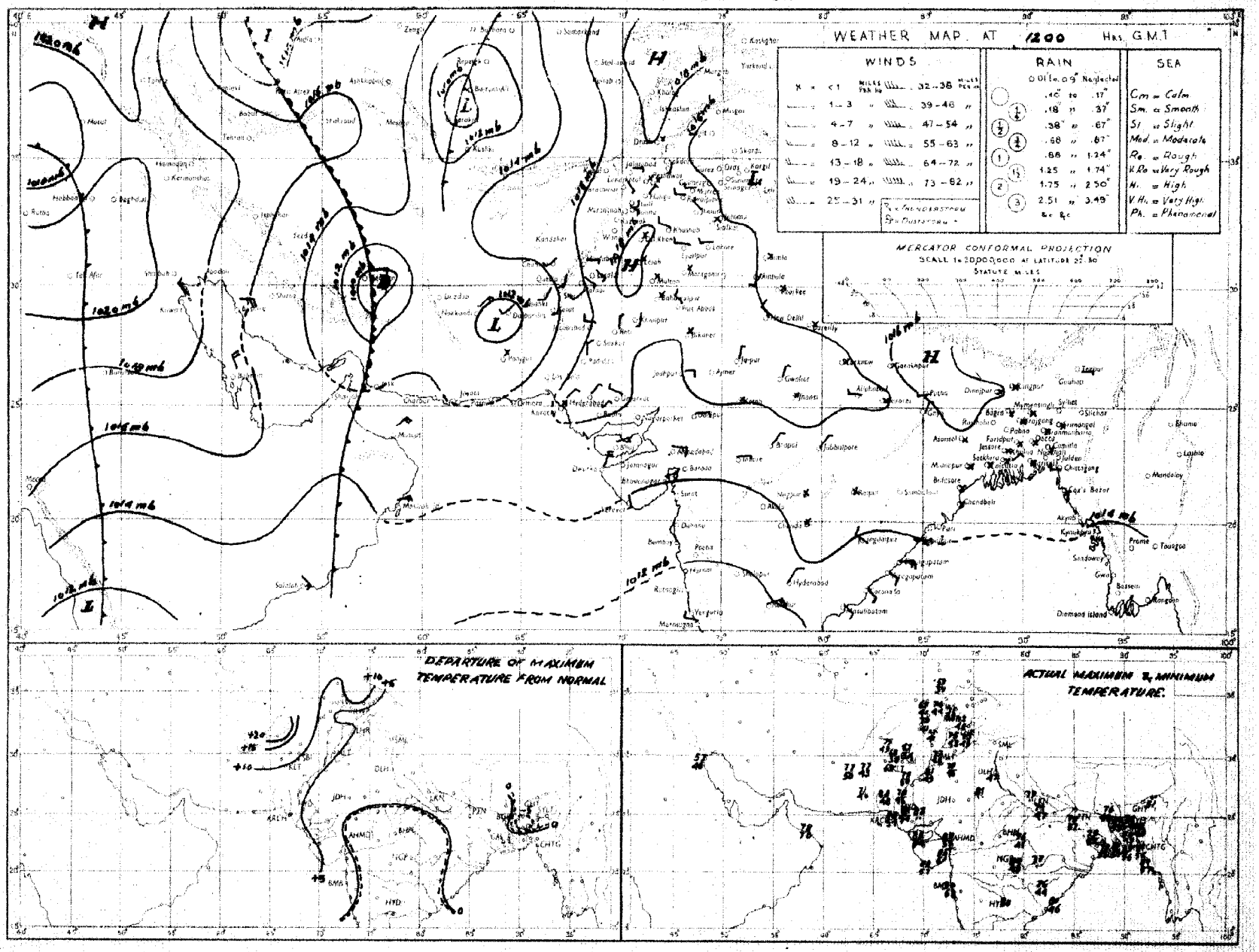
Jhelum 58808 12711
Khapur 71869 62424
Peshawar 43002 48XX
Dalbandin 73203 12714

*Wind directions are expressed in tens of degrees counting from North through East and speed is knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.5 0.6, 0.9, 1.5, 2.1 2.6, 4.5, 5.6, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent heights in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

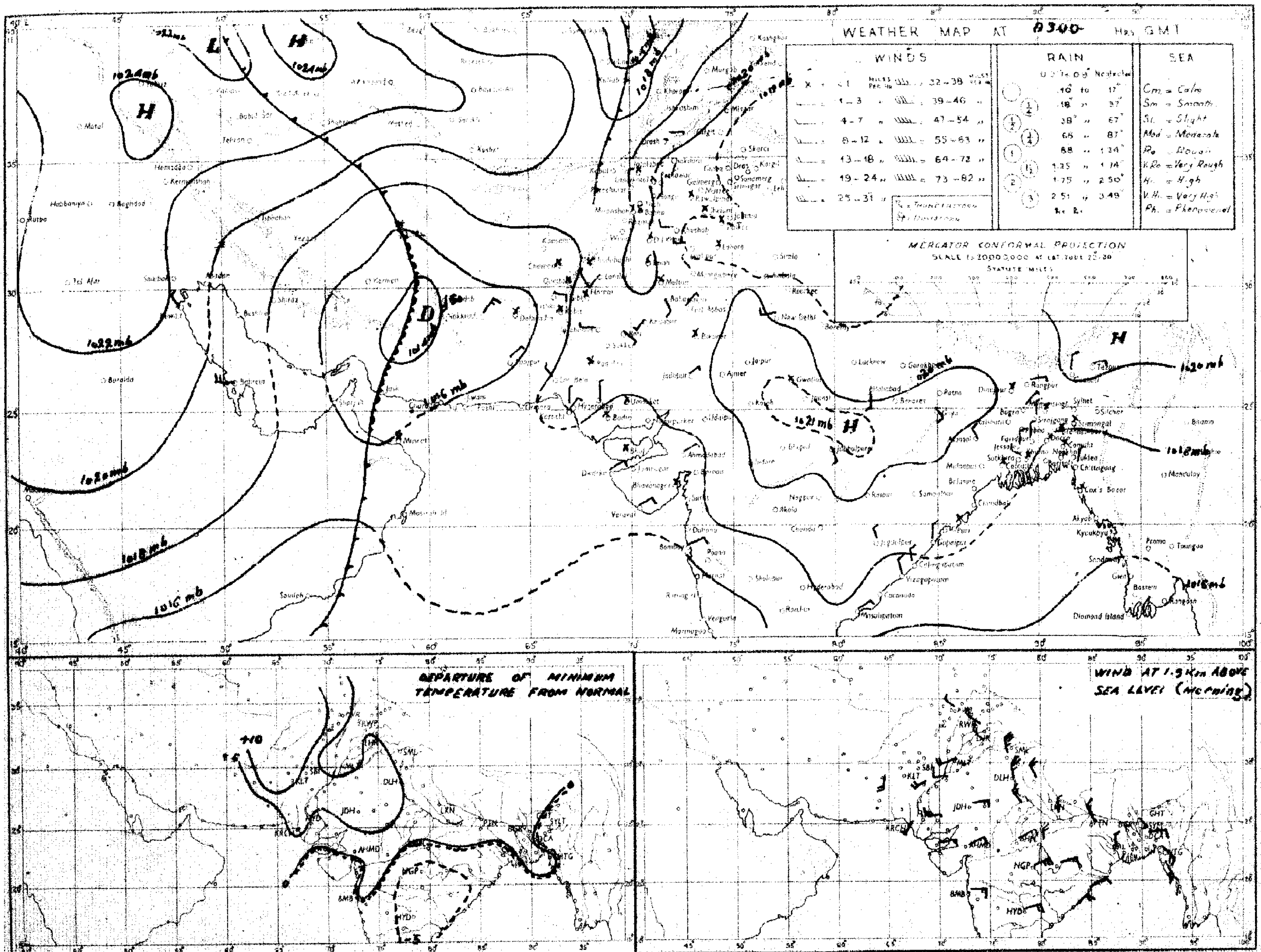
SUNDAY 23rd. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 24th DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 2—3
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR TUESDAY, THE 25th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The depression bordering Baluchistan has weakened and now lies as an extensive low over southeast Iran and north Baluchistan.

The western disturbance over Russian Turkistan is moving away eastwards while its associated cold front continues to affect the extreme north of West Pakistan.

Light rain/drizzle has been reported from north Baluchistan and scattered from the upper North-West Frontier Province.

Minimum temperatures were considerably above normal in north Baluchistan, the North-West Frontier Province and the north Punjab and appreciably above normal elsewhere in West Pakistan.

Forecast valid until the evening of 26th :—Fairly widespread rain/drizzle will occur in north Baluchistan and the lower North-West Frontier Province and scattered in the upper North-West Frontier Province and the north Punjab. A few falls of rain/snow will also occur in Kashmir.

Karachi-11.
The 25th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_B$D$_M$T$_x$T$_n$	At 0300 Hrs. G. M. T. of date RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_B$D$_M$T$_n$T$_n$	Departure from Normal T$_x$T$_x$	T$_n$T$_n$	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 60	0 00 00	96 00 0	144 72	0 0 9 0 0	- - - 81	000 61	0 13 03	97 00 0	168 73	0 2 2 0 0	- - - xx	+ 2		1.3	- 2.9	122.7	140
	Chittagong	000 59	0 34 02	96 00 0	142 71	0 0 9 0 0	- - - 81	000 60	0 36 02	97 00 0	146 72	0 0 9 8 0	x 1 1 57	+ 4	+ 1	0.3	- 2.5	134.8	108
	Noakhali	000 58	0 00 00	92 46 0	xxx 69	0 0 9 0 0	- - - 80	000 59	0 00 00	94 40 4	xxx 65	0 0 9 0 0	- - - 57	+ 2	0	0.7	- 1.1	—	115
	Comilla	000 60	0 00 00	96 00 0	150 70	0 0 9 0 0	- - - 72	000 59	0 00 00	98 00 0	174 62	0 0 9 0 0	- - - 55	- 4	+ 2	1.4	- 0.2	132.6	94
	Brahmanbaria	000 61	0 00 00	xx 00 0	147 74	0 0 9 0 0	- - - 78	000 60	0 36 02	97 0 0	177 67	0 0 9 0 0	- - - 58			0.9	- 0.5	66.4	78
	Dacca	xxx 57	0 00 00	xx 00 0	147 66	0 0 9 0 0	- - - 79	xxx 60	0 31 0	97 00 0	175 66	0 0 9 0 0	- - - 50	-		—	—		
	Narayanganj	000 58	0 00 00	xx 00 0	154 71	0 0 9 0 0	9 x x 80	000 58	0 31 02	96 00 0	167 68	0 0 9 0 0	3 x x 56	+ 3	0	0.7	- 0.4	89.5	74
	Mymensingh	000 54	0 00 00	97 00 0	165 70	0 0 9 0 0	- - - 77	000 59	0 00 00	97 00 0	186 6	0 0 9 0 0	- - - 53	+ 1	- 1	3.0	+ 2.1	64.8	91
	Srimangal	000 58	0 00 00	xx 00 0	152 60	0 0 9 0 0	- - - 78	000 57	1 00 00	96 02 1	173 63	0 0 9 8 0	- - - 46	- 2	- 1	1.9	+ 0.8	107.1	98
	Khulna	000 59	0 00 00	98 00 0	158 69	0 0 9 0 0	- - - 78	000 56	0 31 02	96 00 0	182 66	0 0 9 0 0	- - - 58	+ 1	+ 2	0.8	- 0.5	54.2	66
	Satkhira	000 59	0 00 00	98 00 0	158 72	0 0 9 0 0	- - - 80	000 57	0 31 02	98 00 0	173 64	0 0 9 0 0	- - - 54	+ 1	-	0.7	- 1.3	45.3	65
	Jessore	000 58	0 00 00	xx 00 1	154 70	0 0 9 0 0	- - - 78	000 57	0 00 03	97 0 0	185 67	0 0 9 0 0	- - - 50			1.1	- 1.1	47.0	65
	Faridpur	000 61	0 00 00	94 10 0	168 72	0 0 9 0 0	- - - 75	000 59	0 36 02	93 10 0	184 64	0 0 9 0 0	9 x x 64	0	+11	1.5	+ 0.2	67.9	71
	Barisal	000 59	0 00 00	97 00 0	145 71	0 0 9 0 0	- - - 78	000 58	0 31 02	98 00 0	174 64	0 0 9 0 0	- - - 57	+ 1	+ 2	1.2	- 0.6	74.7	81
	Pabna																		[illegible]
	Rampur Boalia																		[illegible]
	Sirajganj	000 60	0 00 00	xx 00 0	147 70	0 0 0 0 0	- - - 70	000 57	0 36 05	98 00 0	180 61	0 0 9 0 0	- - - 53	- 5	0	3.3	+ 2.5	69.1	[illegible]
	Bogra	000 57	0 00 00	96 00 0	147 72	0 0 9 0 0	- - - 76	000 55	0 02 03	96 00 0	186 62	0 0 9 0 0	- - - 52	+ 1	- 1	0.8	- 1.1	44.2	[illegible]
	Dinajpur	000 56	0 00 00	xx 00 0	169 68	0 0 9 0 0	- - - 78	000 53	0 00 00	96 00 0	197 61	0 0 9 0 0	- - - 51	+ 2	+ 2	0.6	+ 0.1	49.2	[illegible]
	Rangpur	000 xx	0 00 00	xx 02 1	— —	0 0 9 0 0	- - - -	000 xx	0 00 02	98 01 2	— —	0 0 9 0 0	- - - -			1.2	+ 0.7	50.4	[illegible]
KASHMIR	Srinagar †																		
	Gulmerg † †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Mingar																		
	Allahad																		
PUNJAB	Lyallpur	000 51	4 00 00	96 01 0	172 67	0 0 9 0 4	0 2 0 71	000 47	4 16 02	95 04 0	180 51	0 0 9 0 4	0 8 0 47	+ 3	+ 7	0.4	+ 0.1	10.6	12
	Lahore	000 51	7 00 00	96 03 1	169 67	0 0 9 7 1	8 6 6 72	000 48	8 00 00	94 10 1	194 51	0 0 9 7 0	9 x 6 47	+ 1	+ 8	1.3	+ 0.9	16.0	13
	Sialkot	000 51	8 00 00	97 03 1	174 59	8 2 6 - -	3 9 9 62	000 48	8 00 00	96 03 2	197 54	8 1 6 - -	- - - 51	- 5	+10	1.9	+ 1.8	20.7	33
	Jhelum	000 49	8 00 00	96 02 2	173 62	0 0 9 0 6	- - - 65	000 48	8 01 08	95 10 2	189 51	0 0 9 3 -	8 8 4 47	-	-	1.9		28.6	—
	Rawalpindi	000 45	6 00 00	97 02 2	167 62	6 1 8 0 0	3 x x 71	000 43	5 00 00	97 02 1	206 52	5 5 6 0 0	- - - 46	+ 6	+ 9	2.1	+ 1.0	27.9	26
	Murree †	000 27	7 00 00	97 02 2	993 50	5 5 5 5 0	9 x 2 55	000 30	3 05 09	97 03 1	003 47	8 5 4 - -	9 x x 45	+ 8	+12	2.6	+ 0.5	47.7	60
	Attock	xxx xx	4 09 02	96 01 0	— —	0 0 9 0 1	- - - -	xxx xx	6 00 00	96 01 2	— —	0 0 9 0 7	- - - -	-	-				
	Khushab	000 49	7 36 02	99 03 1	173 66	7 0 8 6 0	- - - 69	000 42	4 20 05	99 03 1	199 49	0 0 9 0 8	- - - 46	- 1	+ 5	0.6	+ 0.2	8.6	13
	Montgomery	000 61	4 00 00	96 01 1	175 74	0 0 9 0 4	9 0 x 76	000 38	6 00 00	96 01 0	0 45	0 0 9 0 1	2 0 x 40	+ 6	- 1	1.9	0	7.2	10
	[illegible]	000 48	2 18 02	97 01 0	171 74	0 0 9 0 2	- - - 77	000 41	2 00 00	97 00 0	187 49	0 0 9 0 3	- 45			0.4	—	0.9	8
	[illegible]	000 50	8 00 00	97 02 1	166 74	0 0 9 7 0	9 0 9 76	000 45	8 00 00	96 01 1	186 54	0 0 9 7 0	2 0 9 51	+ 7	+10	0	- 0.2	0.9	7
	[illegible]	000 50	4 23 02	96 02 1	173 70	0 0 9 0 x	0 9 0 81	000 41	4 00 00	97 02 1	191 52	0 0 9 0 9	0 0 x 49	+ 8	+ 6	0.1	- 0.1	2.1	4
	[illegible]	000 34	4 00 00	97 02 1	169 77	0 0 9 0 2	9 9 x 81	000 40	2 00 00	97 01 0	193 47	0 0 9 0 8	0 0 0 47	+ 8	+ 5	0.1	- 0.1	4.5	6
	[illegible]	000 47	0 13 02	96 00 0	167 75	0 0 9 0 0	- - - 79							-					8
N.W.F.P.	Dir*	000 16	8 00 00	97 03 2	048 55	0 0 9 0 -	8 8 1 56	000 36	7 00 00	98 02 0	088 45	5 5 7 2 0	7 x x 44	+ 7	+11	1.1	—	23.8	16
	Chakdara	000 45	7 00 00	96 00 1	175 70	0 0 9 0 0	- - - 74	000 42	6 40 00	98 03 1	218 47	4 0 5 2 -	7 - 0 45	-	-	0	-	21.5	
	Chitral *	000 53	6 18 04	97 02 2	022 61	0 0 9 2 2	5 6 0 65	000 25	4 36 07	97 01 2	042 55	0 0 9 0 2	9 0 x 52	+13	+11	2.8	+ 1.4	31.7	39
	Peshawar	000 46	7 00 00	95 00 1	175 62	1 5 8 7 2	3 - - 70	000 41	3 00 00	96 01 2	206 49	0 0 9 3 0	3 8 2 46	+ 5	- 7	0.8	0	9.9	14
	Parachinar	000 39	6 00 00	99 02 2	997 57	2 2 8 6 3	2 0 0 61	000 32	6 05 02	98 02 2	000 45	2 2 7 6 0	- - - 48	+ 9	+12	1.0	-	29.5	22
	Miranshah	000 33	8 11 03	97 03 2	022 67	0 0 9 6 5	- - - 71	000 34	6 09 00	97 03 1	026 49	x 3 5 7 0	- - - 45		-	0.5	- 0.1	11.0	13
	Bannu	000 52	6 00 00	99 02 1	184 63	6 0 8 7 0	- - - 75	000 39	4 05 02	99 01 1	207 51	0 0 9 0 8	- - - 45	-	-	0.5		6.5	11
	D. I. Khan	000 52	7 00 00	96 03 0	174 65	0 0 9 3 0	0 x 6 65	000 46	6 36 01	93 03 0	190 54	0 0 9 5 0	0 x 6 41	- 5	+ 2	0	- 0.3	2.5	9
	Tank																		11
	Landikotal	000 32	8 31 02	99 03 2	022 59	8 5 6 0 0	- - - 64	000 31	2 00 00	99 02 1	042 48	2 8 6 0 0	- - - 44	-	-	0.9	-	12.8	-
	Kohat	xx x xx	6 07 02	99 03 1	- -	0 0 9 5 0	8 x 6 —	xxx xx	2 00 00	99 01 1	— —	0 0 9 0 4	9 0 x —	-	-		-		-
	Thall	xx x xx	3 27 09	98 00 0	— —	1 8 7 1 1	0 0 6 —	xxx xx	2 00 00	98 00 0	— —	1 8 7 0 1	0 0 x —	—	-	-	-	-	-
BALUCHISTAN	Fort Sandeman*	000 34	8 00 00	97 02 2	023 58	8 7 6 0 0	8 x x 59	000 31	8 00 00	97 02 1	050 51	8 8 5 0 0	9 x x 42	- 2	+13	0.3	- 0.8	10.3	13
	Hindubagh	000 41	8 00 00	97 00 0	959 49	8 7 7 0 0	- - - 55	000 40	8 27 02	97 03 0	017 52	8 7 7 0 0	- - - 39	-	-	0	-	0.0	
	Loralai	000 42	8 00 00	96 03 1	017 61	0 0 9 0 7	- - - 64	000 37	8 00 00	96 03 2	043 48	0 0 9 0 7	- - - 39	-	-	0.1	—	18.6	
	Barkai (a)	000 xx	4 27 02	96 02 1	—	x 0 8 8 2	- - - -	000 xx	6 27 02	94 03 1	— —	x 0 5 4 3	- - - -	-	-	0.1	- 0.9	10.7	
	Sibi	000 41	6 18 05	99 03 1	160 76	0 0 9 7 0	- - - 79	000 48	6 00 00	98 03 1	185 57	0 0 9 7 0	- - - 53	-	-	0	—	3.8	
	Quetta †	000 41	8 24 09	98 02 2	985 58	0 0 9 5 0	8 x 0 65	000 43	7 11 05	98 03 5	994 49	4 5 6 5 0	8 x 0 45	-	-	0.5	- 1.0	9.4	
	Chaman	000 31	9 23 03	96 03 1	019 58	8 - 6 x x	8 x x 63	000 39	8 13 02	97 20 2	030 56	8 2 6 0 0	- - - 48	+ 9	+13	0	- 1.5	9.6	
	Nushki	000 38	7 20 05	97 00 0	056 67	0 0 9 0 4	- - - 69	010 51	7 11 04	95 03 6	101 58	0 0 9 0 4	- - - 56	-	-	0.1	—	1.5	
	Dalbandin *	000 43	7 27 03	97 03 1	018 66	0 0 9 2 0	- - - 69	000 49	7 00 00	97 03 1	038 56	3 5 7 2 0	- - - 52	+ 6	+21	0	- 0.6	1.8	
	Nokkundi	000 41	8 05 09	99 03 1	184 69	3 5 6 3 9	9 9 9 74	000 44	7 05 02	99 03 1	177 59	4 7 5 4 2	9 7 7 55	-	—	0	—	1.8	
	Kalat †	000 31	6 18 05	98 02 0	000 67	0 0 9 2 0	0 0 6 61	000 25	6 00 00	98 03 0	017 40	0 0 9 2 0	0 6 - 37	+ 9	+11	0.5	- 0.5	10.3	
	Turbat	000 62	4 31 05	98 03 1	018 60	0 0 9 6 0	8 0 9 83	000 54	0 13 05	98 00 0	005 61	0 0 9 0 0	- - - 60			0		1.4	
	Panjgur *	000 52	8 23 03	97 03 1	015 68	0 0 9 0 4	9 5 0 69	000 53	3 05 03	96 03 0	030 45	0 0 9 2 0	9 0 6 40	+ 4	+ 3	0	—	3.2	
	Las Bela	000 52	0 00 00	99 00 0	160 65	0 0 9 0 0	- - - 87	000 40	0 00 00	98 00 0	181 65	0 0 9 0 0	- - - 43	-	-	0	—	1.7	
	Ormara													-					
	Pasni																		
	Jiwani																		
SIND	Reti	000 37	0 00 00	96 00 1	170 80	0 0 9 0 0	8 0 0 83	000 34	0 02 02	96 00 0	xxx xx	0 0 9 0 0	- - - 41	-	—	0	—	0.2	
	Jacobabad	000 43	6 31 02	97 01 2	160 77	0 0 9 0 6	- - - 80	000 38	1 18 02	97 02 1	191 53	0 0 9 0 5	- - - 31	+ 7	+ 7	0	- 0.2	0.1	
	Sukkur	000 47	6 xx xx	96 02 1	167 77	0 0 9 0 8	8 6 x 80	000 47	0 xx xx	96 00 1	187 56	0 0 9 0 0	6 x x 51	-	-	0	-	1.5	
	Padidan	000 44	1 00 00	98 01 1	160 79	0 0 9 0 1	- - - 79	000 43	0 0 00	98 00 1	187 47	0 0 9 0 0	- - - 44	-	-	0	-	0.9	
	Karachi (*Manora*)	000 61	0 27 09	99 00 0	157 79	0 0 9 0 0	- - - 82	000 50	0 00 00	98 00 0	178 63	0 0 9 0 0	x 0 0 61	+ 5	+ 3	0.1	- 0.1	1.7	
	Karachi (*A. P.*)	000 45	1 25 09	97 02 1	161 80	0 0 9 0 1	- - - 84	000 38	1 36 02	98 03 0	180 54	0 0 9 0 1	- - - 52	-	-	0		0.2	
	Badin	000 53	0 36 02	97 00 0	160 80	0 0 9 0 0	- - - 90	000 41	0 36 02	97 00 0	175 54	0 0 9 0 0	- - - 50	+11	0	0.9	+ 0.6	7.8	
	Nagarparkar																		
	Chhor (*Umarkot*)	000 64	0 31 03	97 00 0	158 81	0 0 9 0 0	- - - 84	000 43	0 07 03	97 00 0	175 58	0 0 9 0 0	- - - 50	-	-	0	-	0.2	
	Hyderabad	000 47	0 00 00	96 00 0	155 80	0 0 9 0 0	- - - 86	000 41	0 36 02	96 00 0	181 57	0 0 9 0 0	- - - 51	+ 9	0	0	- 0.1	1.5	
Junagarh	Veraval																		20
Afghanistan	Kabul	000 29	8 00 00	98 03 2	027 47	8 7 6 - -	- - - 46	000 36	8 20 07	98 02 0	049 39	3 7 7 2 0	8 0 0 39	—	-	0.2	-	10.1	12
	Jalalabad	000 37	7 00 00	97 98 1	015 62	0 0 9 2 6	- - - 44							—					—
	Kandahar	000 40	8 00 00	97 02 1	004 64	0 0 9 8 0	- - - 50	000 30	8 00 00	97 02 1	022 48	0 0 9 5 0	- - - 43	—	-	0	-	10.5	—

See footnote on page 2

R. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 25th DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTTT	$N_hC_LhC_MC_H$	$W_1D_SD_WT_WT_W$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_SD_WT_WT_W$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12
Muscat	Muscat	—	000 65	0 22 02	99 00 0	148 78	0 0 9 0 0	— — — 83	000 67	0 31 69	99 00 0	176 72	0 0 9 0 0	— — — 72	+ 6	+ 3	0	−0.9	3.3	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	008 44	0 31 05	97 00 0	225 59	0 0 9 0 0	— — — 59	—	—	—	—	—	—	—	—	—	—	—	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,690-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049.-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Comlic Bank —	23 185	714 06	0 06 06	99 02 0	169 82	00 9 00	2 3 310	—	0 51 71	1 06 20
Bharatjal —	23 106	754 12	2 33 06	98 00 0	102 82	21 5 ××		—		
Saintnazaris —	23 089	690 18	1 06 05	98 02 9	183 84	14 6 00	2 4 107	—	0 52 ××	1 06 81
Bharatrana —	23 130	740 12	× 27 10	97 02 0	111 84	×× ××	—	—		
Kampal —	23 069	652 12	2 04 12	99 02 1	085 83	21 6 00	1 5 005	—	0 00 70	1 04 32
Sintenaz —	23 084	711 18	3 05 05	98 02 0	127 82	11 4 ·×	2 4 107	—	0 53 ××	1 05 ×1
Bharatjal —	23 119	750 18	2 10 09	98 00 0	120 80	21 5 ××		—		—
Dwarka —	23 250	691 18	0 09 05	98 00 0	186 77	00 9 00	2 5 300	—	0 51 64	—
Bharatrani —	23 141	742 18	0 36 01	97 02 0	126 82	00 9 00	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P2P1h2h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi —	780 15	014 22	118 60	000 47	311 08	855 05	165 92	700 41	106 28
	11	12	13	14	15	16	17	18	19
Karachi —	509 32	569 91	555 55	359 00	185 04	678 00	146 28	466 00	047 43
	20	21	22	23	24	25	26		
Karachi —	494 00	679 97	823 30	739 97	913 34	763 90			

PPP—Pressure in hundreds, tens and units of millibars, PP—Pressure in hundreds, and tens of millibars, hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra —	03 04	02 05	01 02	15 07	18 07	25 10	—	—	—	—	01 07	01 06	11 06	09 06	—	—	05 08	17 03	13 05	10 12	10 07	23 22	—	—
Chhor —	19 05	18 06	13 05	15 09	18 09	29 13	26 16	26 28	25 33	—	—	—	—	—	—	—	06 03	12 03	13 03	20 03	15 05	06 04	25 23	—
Chittagong —	34 07	03 06	07 07	17 14	07 04	28 04	33 07	—	—	—	—	—	—	—	—	—	05 09	05 05	16 05	14 17	27 01	24 15	19 21	—
Cox's Bazar —	31 07	09 03	15 05	10 08	07 03	21 13	31 15	30 27	28 35	—	01 15	02 09	15 07	15 13	23 08	24 19	14 08	15 08	19 17	30 05	25 05	23 05	30 15	29 15
Dacca —	03 05	03 07	05 08	10 07	15 05	18 06	21 14	36 38	36 37	—	08 31	05 09	06 10	08 11	04 21	—	01 09	03 08	11 00	11 09	31 08	27 19	26 27	28 27
Dalbandin —	—	—	19 10	19 15	22 18	22 18	24 35	—	—	—	—	—	12 06	21 07	24 12	28 23	—	—	06 03	29 10	28 19	30 15	—	—
Drosh —	—	—	—	—	07 03	35 01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fort Sandeman —	—	—	—	22 05	26 18	31 17	34 49	—	—	—	—	—	—	—	—	—	—	—	30 03	31 03	25 31	24 33	—	—
Jacobabad —	27 03	23 04	20 07	21 11	19 17	22 19	23 31	24 59	—	—	11 01	23 05	22 10	22 06	25 03	23 10	16 01	21 01	21 00	24 05	32 06	24 11	23 23	—
Jhelum —	17 01	29 07	29 10	29 00	29 10	26 05	27 29	27 37	—	—	23 04	30 04	29 06	28 03	27 07	20 05	05 04	33 06	32 09	26 08	23 06	15 16	23 15	—
Jiwani —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi —	30 03	31 03	29 05	25 04	25 09	24 11	25 37	24 37	23 46	26 71	28 07	26 08	16 04	18 03	34 07	40 18	35 09	35 02	15 03	15 02	17 03	23 15	—	—
Khanpur —	24 06	22 07	28 10	26 12	18 14	26 17	25 33	25 53	26 49	—	28 01	13 07	17 07	30 09	22 13	25 21	—	—	—	—	—	—	—	—
Lahore —	32 06	23 06	31 08	31 32	30 09	2 13	28 27	—	—	—	32 05	33 07	27 06	28 37	27 06	25 07	25 04	30 12	29 11	28 12	29 11	28 13	27 13	—
Multan —	19 05	19 12	21 17	20 14	19 16	25 17	—	—	—	—	21 07	23 12	28 10	32 10	21 09	30 09	19 13	19 11	23 13	24 17	24 10	28 15	36 19	—
Peshawar —	—	05 01	07 01	27 01	29 04	22 11	23 14	24 45	—	—	—	10 02	36 04	35 06	34 03	16 05	—	34 33	35 03	33 06	36 09	13 04	19 30	25 29
Quetta —					17 08	21 12	—		—	—		—	No	ascent	—	—	—	—			21 04	35 17	—	—
Bushire —						—					—	—			—						—	—	—	—
Sharjah —																								

Cloud Observation Data (iiiGG Cddv, v,)

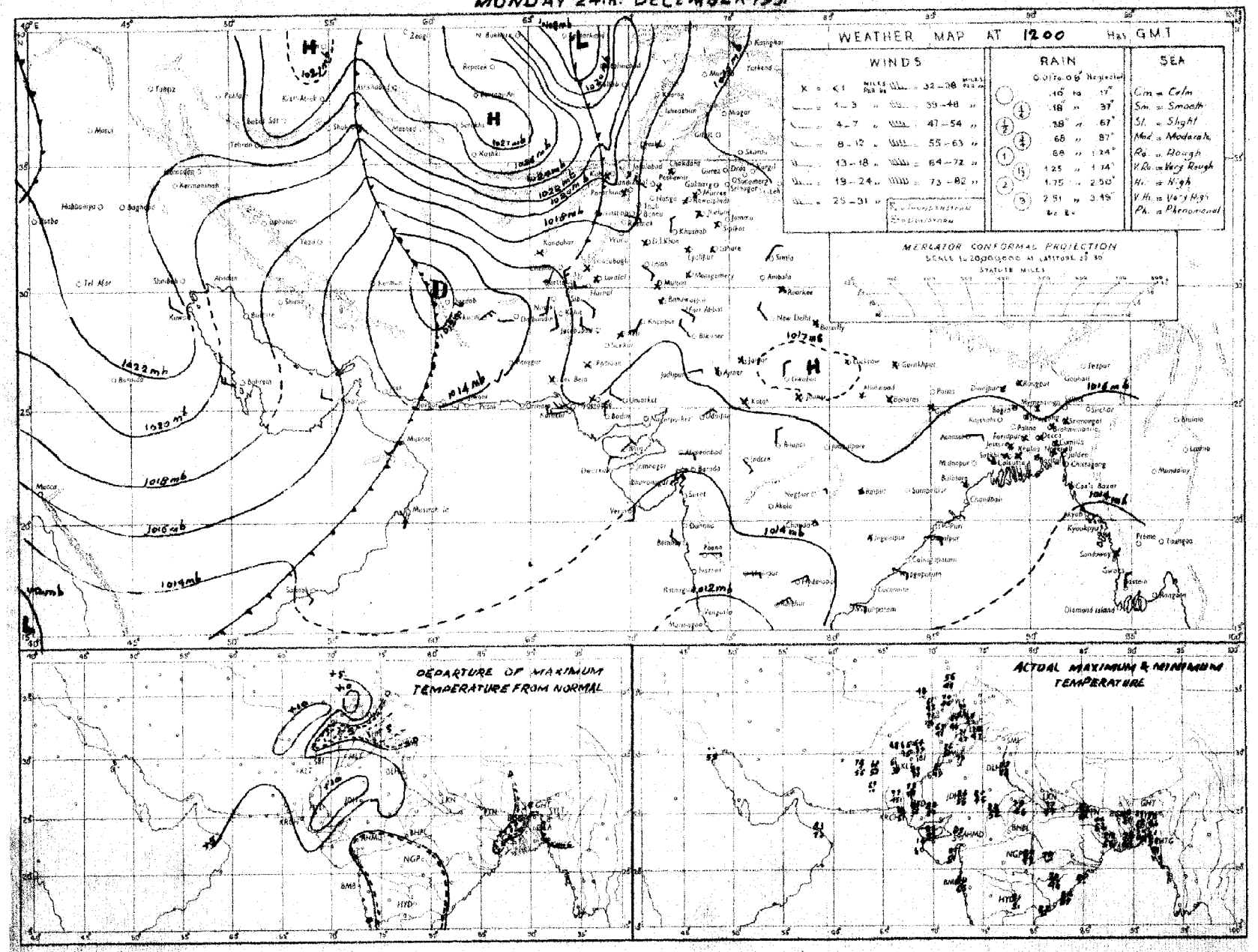
Peshawar 53008 42726

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
††The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

N. P. W.

PAKISTAN DAILY WEATHER MAP

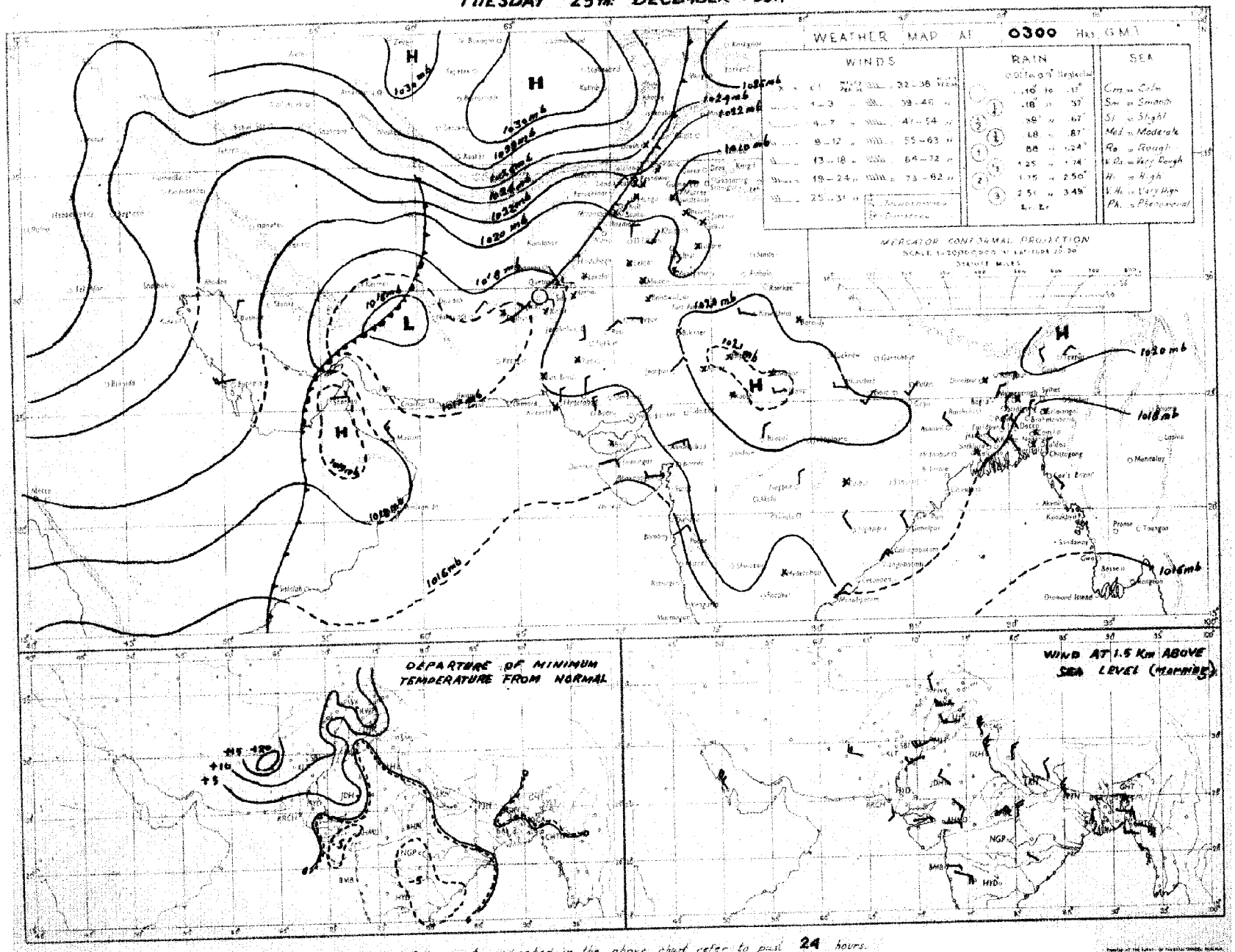
MONDAY 24th: DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 25th DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

Regd. No. S-1647

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 26th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

A trough of low extends from southeast Iran to north Arabian Sea with two cores one bordering Baluchistan and the other over Gulf of Oman adjoining north Arabian sea.

An occluded front lies along the North-West Frontier Province and Kashmir. It is likely to move eastwards.

Fairly widespread rain/drizzle has occurred in north Baluchistan and the North-West Frontier Province and scattered in the north Punjab.

Chief amounts of rainfall are :—Nokkundi 1", Chaman ¾", and Quetta and Dalbandin ¼" each.

Night temperatures were considerably above normal in north Baluchistan and the North-West Frontier Province and appreciably above normal elsewhere over the country.

Forecast valid until the evening of 27th :—Fairly widespread rain will occur in Baluchistan, the North-West Frontier Province and Kashmir. Local rain/thunder-showers will also occur in the north Punjab and scattered in Sind and the south Punjab.

Karachi-11.
The 26th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division (1)	Station (2)	At 1200 Hrs. G. M. T. of previous day: $RRRT_dT_d$ (3)	N dd ff (4)	VVwwW (5)	PPPTT (6)	$N_hC_LhC_MC_H$ (7)	$W_tD_HD_MT_xT_x$ (8)	At 0300 Hrs. G. M. T. of date: $RRRT_dT_d$ (9)	N dd ff (10)	VVwwW (11)	PPPTT (12)	$N_hC_LhC_MC_H$ (13)	$W_tD_HD_MT_nT_n$ (14)	Departure from Normal: T_xT_x (15)	T_nT_n (16)	Rainfall: Since 1st Nov. 51 to date (17)	Departure from normal (18)	Since 1st Jan. 51 to date (19)	Annual normal (20)
EAST PAKISTAN	Cox's Bazar	000 63	0 00 00	95 00 0	136 73	0 0 9 0 0	- - - 82	000 60	0 00 00	97 00 0	162 72	0 0 9 0 0	- - - 59	+ 3	+ 2	1.8	- 2.9	122 7	140
	Chittagong	000 62	0 27 05	96 00 0	133 72	0 0 9 0 0	- - - 83	000 63	0 00 00	97 00 0	160 74	0 0 9 0 0	3 × × 59	+ 6	+ 4	0.3	- 2.5	134.8	109
	Noakhali	000 61	0 00 00	93 46 0	××× 72	0 0 9 0 0	- - - 81	000 60	0 00 00	94 40 4	××× 65	0 0 9 0 0	- - - 57	+ 3	0	0 7	- 1.1		115
	Comilla	000 61	0 00 00	96 00 0	130 71	0 0 9 0 0	- - - 73	000 61	4 00 00	98 00 0	167 66	4 2 7 0 0	- - - 59	- 3	+ 6	1.4	- 0.2	132.6	94
	Brahmanbaria	000 64	0 00 00	×× 00 0	142 75	0 0 9 0 0	- - - 84	000 61	3 00 00	97 03 1	164 70	3 0 9 4 0	0 × 2 60			0.9	- 0.5	66.4	78
	Dacca	××× 60	0 00 00	×× 00 0	135 69	0 0 9 0 0	- - - 81	000 60	2 31 02	96 02 1	162 65	2 8 8 0 0	- - - 53	—	—		—		—
	Narayanganj	000 60	0 00 00	×× 00 0	132 71	× × × × ×	9 × × 62	000 60	1 31 02	95 01 1	161 70	1 5 5 0 0	6 × × 57	+ 5	+ 2	0.7	- 0.4	89.5	74
	Mymensingh	000 56	0 00 00	98 00 0	152 70	0 0 9 0 0	- - - 78	000 57	0 00 00	99 00 1	168 62	0 0 9 0 0	- - - 52	+ 2	- 1	3 0	+ 2.1	61 8	91
	Srimangal	000 62	2 00 00	×× 01 1	137 64	2 2 6 0 0	- - - 60	000 60	2 00 00	97 02 1	166 67	0 0 9 3 0	- - - 50	0	+ 3	1.9	+ 0.8	107.1	98
	Khulna	000 58	0 00 00	98 00 0	143 69	0 0 9 0 0	- - - 81	000 57	0 00 00	98 00 0	171 69	0 0 9 0 0	- - - 56	+ 4	+ 3	0.8	- 0.5	54.2	68
	Satkhira	000 58	0 0 00	98 00 0	140 71	0 0 9 0 0	- - - 76	000 55	0 31 02	98 00 0	174 64	0 0 9 0 0	- - - 53	- 3	+ 2	0.7	- 1.3	45.3	65
	Jessore	000 57	0 00 00	×× 00 0	142 69	0 0 9 0 0	- - - 76	000 59	0 00 00	97 00 0	171 66	0 0 9 0 0	- - - 50			1.1	- 0 1	47 0	66
	Faridpur	000 61	0 00 00	95 05 0	144 71	0 0 9 0 0	9 × × 72	000 63	0 34 02	94 10 0	164 66	0 0 9 0 0	9 × × 55	- 3	+ 3	1.5	+ 0 2	67 0	71
	Barisal	000 57	0 00 00	97 00 0	133 72	0 0 9 0 0	- - - 89	000 59	0 34 02	98 00 0	161 65	0 0 9 0 0	- - - 57	+ 3	+ 3	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 63	0 00 00	×× 00 0	136 69	0 0 9 0 0	- - - 70	000 60	1 34 02	97 01 1	174 65	1 6 2 0 0	- - - 56	- 5	+ 4	3.3	+ 2.5	69 1	64
	Bogra	000 58	0 0 00	96 00 0	135 73	0 0 9 0 0	- - - 80	000 58	1 05 02	95 01 0	171 64	1 1 8 0 0	- - - 54	+ 5	+ 1	2.0	- 1 1	47 0	69
	Dinajpur	000 55	0 00 00	×× 00 0	163 67	0 0 9 0 0	- - - 78	000 49	0 00 00	96 00 0	180 61	0 0 9 0 0	- - - 51	+ 2	+ 2	0 6	+ 0 1	49 2	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	- - - --	000 ××	0 07 05	96 00 1	— —	0 0 9 0 0	- - - --		—	1.2	+ 0.7	80 4	81
KASHMIR	Srinagar †																		—
	Gulmerg ††																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 55	4 13 02	96 01 0	165 68	0 0 9 3 0	0 0 2 71	000 46	2 16 04	95 04 0	176 55	0 0 9 0 2	- - - 51	+ 3	+11	0.4	+ 0.1	10 5	12
	Lahore	000 49	1 00 00	96 01 1	166 70	0 0 9 3 0	8 × 6 72	000 47	1 00 00	95 01 1	189 51	0 0 9 0 1	9 × × 43	+ 1	+ 4	1.3	+ 0.9	16 0	19
	Sialkot	000 51	8 00 00	96 03 2	153 66	8 1 6 0 0	- - - 68	000 46	3 05 02	97 01 1	180 56	0 0 8 1 0	- - - 50	+ 1	+ 9	1.9	+ 1.2	20.7	32
	Jhelum	000 49	8 00 00	96 03 1	167 62	0 0 9 7 0	- - - 68	000 49	7 0 00	96 01 1	183 53	0 0 9 7 0	- - - 51	—		1.9		26.8	—
	Rawalpindi	000 44	8 00 00	97 03 2	162 65	8 6 6 0 2	- - - 71	000 48	6 00 00	98 03 5	179 60	6 3 6 0 0	2 × × 46	+ 6	+ 9	2.1	+ 0 9	2..9	36
	Murree †	000 80	8 13 10	98 03 2	986 50	9 8 4 - -	- - - 57	007 33	8 11 09	97 03 6	983 45	8 5 5 - -	6 × × 40	+10	+ 7	2.7	+ 0.5	47.8	69
	Attock	××× ××	8 23 05	95 00 0	—	0 0 9 0 7	- - - --	××× ××	8 00 00	94 50 5	— —	4 0 7 2 0	6 × 9 —	-					—
	Khushab	000 50	6 34 05	99 01 1	159 70	0 0 9 7 0	- - - 75	000 47	3 34 02	98 03 1	184 58	0 0 8 8 0	- - - 50	+ 5	+10	0.6	+ 0.2	8.6	15
	Montgomery	000 57	0 00 00	97 00 0	163 77	0 0 9 0 0	- - - 79	000 36	0 23 03	96 00 0	186 48	0 0 9 0 0	- - - 40	+ 9	- 1	1.1	+ 0.8	7 2	10
	Leiah	000 47	8 00 00	97 02 1	168 71	0 0 9 0 3	- - - 72	000 46	8 00 00	97 02 1	186 53	0 0 9 0 3	- - 48			0 4	—	6 9	8
	Multan	000 50	8 00 00	97 01 1	162 77	0 0 9 7 0	9 0 9 79	000 45	0 18 02	97 00 0	181 51	0 0 9 0 0	- - - 47	+10	+ 6	0	- 0.3	0.9	7
	Khanpur	000 48	1 31 07	97 01 1	159 81	0 0 9 0 1	0 9 × 83	000 42	0 00 00	96 10 0	18· 49	0 0 9 0 0	- - - 45	+10	+ 4	0.1	- 0.1	2 1	6
	Bahawalpur	000 51	0 27 02	97 00 1	159 76	0 0 9 0 0	- - - 85	000 40	0 18 02	97 00 0	175 47	0 0 9 0 0	- - - 46	+12	+ 5	0.1	- 0.1	4 6	6
	Fort Abbas	000 47	0 13 02	96 00 0	167 75	0 0 9 0 0	- - - 79	000 40	0 05 02	96 00 0	187 51	0 0 9 0 0	- - - 95		—	1.3	—	5.0	8
N. W. F. P.	Drosh *	000 37	8 00 00	98 02 6	042 53	0 0 9 2 -	6 × × 62	008 45	8 00 00	95 51 6	049 45	8 7 3 - -	4 × × 44	+13	+13	1.2	—	28.9	18
	Chakdara	000 45	7 20 02	98 03 2	146 65	7 0 6 7 -	8 - 6 72	000 47	8 36 05	97 57 2	197 54	8 0 6 2 -	9 - 0 47		—	1.2		21.5	—
	Cherat *	000 28	2 30 06	×× ×× ×	××× ××	0 0 9 3 7	5 0 0 60	003 41	8 18 04	97 00 8	056 57	7 2 9 2 7	9.9 × 46	+ 8	+ 6	2.9	+ 1 4	31 7	29
	Peshawar	000 43	7 00 00	95 02 1	151 68	0 0 9 7 4	- - - 76	005 50	8 16 03	95 60 5	211 53	2 5 7 2 -	- - - 48	+11	+ 8	0 8	0	9.9	14
	Parachinar	000 30	8 09 02	98 02 2	997 58	2 2 6 6 6	4 0 0 61	004 42	8 00 00	96 50 6	955 46	4 2 4 0 0	2 × 0 45	+11	+16	1.1	—	29 6	29
	Miranshah	000 39	8 00 00	97 03 2	021 65	0 0 9 2 0	- - - 77	000 49	8 00 00	96 03 2	037 56	8 4 8 0 0	- - - 47		—	0.5	- 0.1	11.0	18
	Bannu	000 44	8 00 00	99 02 2	161 67	8 7 8 0 0	- - - 71	000 48	8 09 02	99 02 5	180 55	8 9 8 0 0	- - - 50	—	—	0 5		6.3	11
	D. I. Khan	000 45	0 00 00	94 00 0	164 72	0 0 9 0 0	- - - ××	000 51	0 00 00	94 00 0	184 55	0 0 9 0 0	- - - 43	—	+ 4	0	- 0 8	2.3	9
	Wana																		11
	Landikotal	000 40	8 31 02	99 02 2	018 60	8 5 6 0 0	- - - 64	000 42	8 05 03	98 50 5	994 53	8 6 5 - -	1 × × 47		—	0.9	—	12.8	—
	Hangu	××× ××	7 00 00	99 03 1	— —	0 0 9 5 0	9 × 0 --	××× ××	8 00 00	99 60 6	——	0 0 9 4 0	- × 0 —	—	—		—		—
	Thal	××× ××	× 23 09	98 03 1	——	- - - - -	0 0 0 --	××× ××	× 36 09	98 58 5	— —	× - × - -	2 0 0 —	—	—	—	—		—
BALUCHISTAN	Fort Sandeman *	000 35	7 00 00	97 50 2	027 61	4 7 6 2 0	- - - 65	000 43	7 00 00	98 50 2	040 50	6 7 6 2 0	2 × × 48	+ 4	+19	0.8	- 0 3	10.3	13
	Hindubagh	000 45	8 00 00	97 02 2	978 51	8 7 7 0 0	- - - 60	000 39	7 27 02	97 01 2	984 48	7 7 7 0 0	- - - 42			0		9.0	—
	Loralai	000 57	8 00 00	96 03 6	012 60	8 6 5 - -	4 × × 61	000 39	0 28 02	96 00 2	041 43	0 0 9 0 0	- - - 41	—	—	0.1	—	18.6	—
	Harnai (a)	××× ××	8 27 05	94 03 2	— —	3 2 7 4 -	4 × × —	000 ××	4 09 02	94 01 1	—	0 0 8 3 2	- - - —		—	0.1	- 0.8	10.7	14
	Sibi	000 43	6 00 00	98 02 2	156 76	0 0 9 7 0	- - - 81	000 42	0 00 00	98 00 0	176 54	0 0 9 0 0	- - - 51	—	—	0	—	3.8	5
	Quetta †	005 49	8 00 00	98 02 5	982 58	3 6 5 1 0	8 × 0 57	021 42	8 00 00	98 50 6	985 43	3 6 5 3 0	- - - 42			0.3	- 0.8	9 6	9
	Chaman	009 51	8 23 02	96 59 5	040 60	8 5 5 0 0	9 × × 60	068 46	8 29 02	97 03 6	047 47	8 2 6 0 0	9 × × 46	+ 6	+12	0.7	- 0.7	10 3	8
	Nushki	000 52	7 29 05	97 02 0	055 64	0 0 9 0 4	- - - 67	010 47	8 05 03	95 02 5	101 58	0 2 × 0 0	- - - 50		—	0.2	—	5.6	—
	Dalbandin *	000 51	7 31 07	97 03 5	030 63	2 5 7 2 0	- - - 67	024 49	8 07 05	97 53 5	035 49	6 6 3 2 0	- - - 49	+ 4	+17	0.2	- 0.4	2.1	4
	Nokkundi	026 47	6 34 02	97 60 6	186 59	5 7 5 0 0	7 × × 62	092 47	5 11 02	97 03 6	193 54	5 7 6 0 0	9 × × 50			0.9	—	1.9	2
	Kalat †	000 32	5 36 05	98 03 1	992 55	0 0 9 2 0	0 0 6 81	000 25	8 00 00	98 03 1	002 40	0 7 5 0 0	1 0 0 38	+ 9	+12	0.5	- 0.5	10.2	7
	Turbat	000 61	5 31 05	98 03 1	××× 84	0 0 9 6 0	8 0 1 85	000 59	0 05 05	98 00 0	××× 68	0 0 9 0 0	- - - 61	—		0		1.4	—
	Panjgur *							000 37	4 05 07	97 03 1	026 50	0 0 9 2 0	9 0 6 44	—	+ 7	0	—	3.2	5
	Las Bela																		3
	Ormara																		6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 32	0 31 03	98 00 0	166 81	0 0 9 0 0	- - - 84	000 34	0 05 02	96 00 0	180 44	0 0 9 0 0	- - - 43	—	—	0	—	0.2	—
	Jacobabad	000 40	1 02 02	98 02 1	156 78	0 0 9 0 1	- - - 90	000 40	0 00 00	98 00 0	182 53	0 0 9 0 0	- - - 50	+17	+ 6	0	- 0.2	0 7	4
	Sukkur	000 46	0 ×× ××	98 00 0	167 77	0 0 9 0 0	- - - 82	000 44	0 ×× ××	96 00 0	175 49	0 0 9 0 0	- - - 47			0	—	1 0	4
	Padidan	000 44	0 00 00	98 00 0	159 79	0 0 9 0 0	- - - 79	000 43	0 00 00	98 00 0	172 48	0 0 9 0 0	- - - 46		—	0	—	0.9	—
	Karachi (*Manora*)	000 63	0 27 09	99 00 0	152 77	0 0 9 0 0	- - - 81	000 55	0 00 00	98 00 0	178 64	0 0 9 0 0	- - - 62	+ 4	+ 4	0.1	- 0.1	1 7	8
	Karachi (*A. P.*)	000 30	0 20 05	98 00 1	152 81	0 0 9 0 0	- - - 84	000 38	1 36 02	98 03 1	178 56	0 0 9 0 1	- - - 52	—		0		3.0	—
	Badin	000 58	0 31 02	97 00 0	154 82	0 0 9 0 0	- - - 99	000 41	0 00 00	97 00 0	174 51	0 0 9 0 0	- - - 49	+20	0	0.9	+ 0 6	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 66	0 00 00	97 00 0	151 81	0 0 9 0 0	- - - 85	000 48	0 00 00	97 00 0	173 55	0 0 9 0 0	- - - 47			0		2.3	—
	Hyderabad	000 44	0 05 03	97 00 0	154 80	0 0 9 0 0	- - - 84	000 41	0 00 00	96 00 0	172 55	0 0 9 0 0	- - - 50	+ 7	- 1	0	- 0.1	2.0	7
Junagadh	Veraval																		20
Afghanistan	Kabul	000 37	7 00 00	98 02 1	026 48	6 1 7 2 0	0 0 4 48	074 39	8 90 02	94 62 6	013 41	8 7 1 × ×	8 × × 39	—	—	0.4	—	11 0	11
	Jalalabad	000 48	7 00 00	97 08 1	014 62	0 0 9 2 0	1 × 9 74	000 48	8 00 00	96 02 5	018 54	0 0 9 1 -	4 × 9 48	—	—	0.3	—	7.3	—
	Kandahar							000 39	6 00 00	97 02 1	022 48	0 0 9 5 0	- - - 43		—	0	—	10.5	—

See footnote on page 2

P.T.O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 26th DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_sD_wT_sT_s$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	NDd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_sD_wT_sT_s$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Actual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	Mcehed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
Arabia	Muscat	—	000 68	8 21 09	99 58	2.163 71	8 2 6 0 0	- - - 73	225 64	8 81 05	99 02 6	198 57	8 2 6 0 0	- - - 66	-54	-2	2.3	+1.8	5.6	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	Kuwait	—	008 40	0 21 10	97 00 0	223 60	0 0 9 0 0	- - - 60	960 89	0 21 10	97 00 0	20 51	0 0 9 0 0	- - - 49	—	—	0.61	—	1.9	5

* Barometer readings reduced to 1 geodynamic Kilometre (8,350-8,256 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	VQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	S N, $Ch_s h_s$	O $T_s T_s T_d T_d$	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA:										
Saintnazaina —	33 080	730 06	8 05 05	97 02 2	114 82	00 9 07	2 4 807	—	0 55 xx	1 09 40
Bharatrani —	33 154	732 04	0 05 07	97 02 0	147 82	xx x xx	—	—	—	—
Ozarda —	33 086	732 06	3 05 02	98 07 0	142 85	24 7 00	2 4 800		—	—
Bharatjal —	33 130	744 06	2 10 28	98 05 0	125 80	21 5 00	—	—	—	—
Kampala —	33 108	686 06	1 06 08	99 02 0	135 83	12 7 00	1 5 800	—	0 04 64	1 08 21
Dwarka —	33 247	661 05	0 04 05	99 02 0	193 75	00 9 00	2 5 119	—	0 52 66	—
Ozarda —	33 100	740 12	7 05 08	98 02 1	095 82	00 0 06	1 4 807	—	—	—
Kampala —	33 114	697 12	3 06 06	99 03 0	111 82	52 6 00	1 5 800	—	0 51 73	1 07 21
Bharatrani —	33 174	728 12	x 33 10	97 02 0	113 86	xx x xx	—	—	—	—
Bharatrani —	33 186	725 18	0 36 07	97 02 0	135 80	00 0 00	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi —	780 14	018 28	058 60	000 44	230 32	055 02	176 43	700 85	087 29	569 22	569 97	301 84	849 97	555 55	399 00	185 21	678 08	186 74	256 00	019 97	464 00	679 94	003 50	753 07	572 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
nn—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra —	05 02	11 02	13 03	09 09	09 07	26 16	29 18	—	—	—	26 09	35 03	—	—	—	—	07 04	04 04	08 07	09 16	08 03	23 04	11 06	31 25
Chhor —	05 01	11 01	15 01	15 09	18 04	25 10	24 29	35 33	—	—	—	—	—	—	—	—	06 05	09 04	15 07	22 12	27 05	26 13	24 30	28 39
Chittagong —	18 03	16 07	15 11	15 10	14 15	06 03	05 06	14 13	—	—	35 06	35 03	35 07	20 15	2 10	—	11 05	13 06	17 10	21 14	22 15	23 20	—	—
Cox's Bazar —	21 10	19 07	14 09	18 10	24 08	25 05	22 12	—	—	—	21 06	07 03	19 07	21 12	2 09	—	36 04	27 01	19 18	21 15	23 15	24 11	30 29	—
Dacca —	30 03	04 04	04 05	17 05	21 19	27 31	26 31	26 23	—	—	26 08	08 05	07 04	11 02	. 36	21 12	08 06	11 04	11 07	11 18	15 02	03 08	30 12	28 27
Dalbandin —	—	—	28 08	32 10	20 03	15 11	—	—	—	—	—	No ascent		—			—	—	06 08	09 18	23 14	22 12	—	—
Drosh —		—	—		09 08	21 09	—	—	—	—	—		—	07 02	31 10	17 07	—	—	—	—	—	—	—	—
Fort Sandeman —	—			31 07	29 04	27 22	—	—	—	—							—	—	—	01 02	02 04	23 19		—
Jacobabad —	16 05	16 03	17 02	20 03	18 04	21 12	24 34	24 46	25 53	25 58	26 01	13 03	22 04	18 06	23 20	24 15	08 01	23 03	21 06	24 05	26 18	25 30	24 35	—
Jhelum —	05 02	28 06	29 05	27 03	31 06	23 15	25 24	—	—	—	03 05	35 15	35 12	25 02	23 35	21 20	09 04	28 07	32 09	12 15	12 16	17 19	21 37	—
Jiwani —	—																							—
Karachi —	18 05	17 08	25 01	08 03	18 06	20 11	22 29	24 34	25 54	26 68	27 07	25 06	17 07	27 0	22 12	19 30	30 09	27 03	23 06	23 01	24 06	25 19	—	—
Khanpur —	19 04	19 04	19 04	25 06	20 08	24 14	26 23	25 55	—	—	08 10	13 04	17 05	21 1	25 17	21 29	12 09	15 03	18 07	25 19	24 13	26 24	25 43	—
Lahore —	30 05	31 12	31 15	27 07	27 08	29 12	27 29	—	—	—	22 06	31 03	31 09	30 1	20 9	20 15	30 10	21 10	25 03	25 10	25 09	23 19	18 04	24 30
Multan —	22 08	22 17	23 12	25 06	22 12	29 12	—	—	—	—	22 05	22 09	22 09	22 09	15 07	23 29	17 09	25 05	24 09	25 15	25 14	23 20	—	—
Peshawar —	—	17 02	33 03	34 05	18 02	22 07	24 18	—	—	—	—	03 04	07 04	13 10	19 13	21 13	—	—	—	—	—	—	—	—
Quetta —					25 02	24 06	—	—	—	—			No ascent		—	—	—	—	—	—	25 19	24 13	—	—
Bushire —						—		—	—	—	—	—	—	—	—						—		—	—
Sharjah —						—		—	—	—					—									—

Cloud Observation Data (iiiGG Cddv, v,)

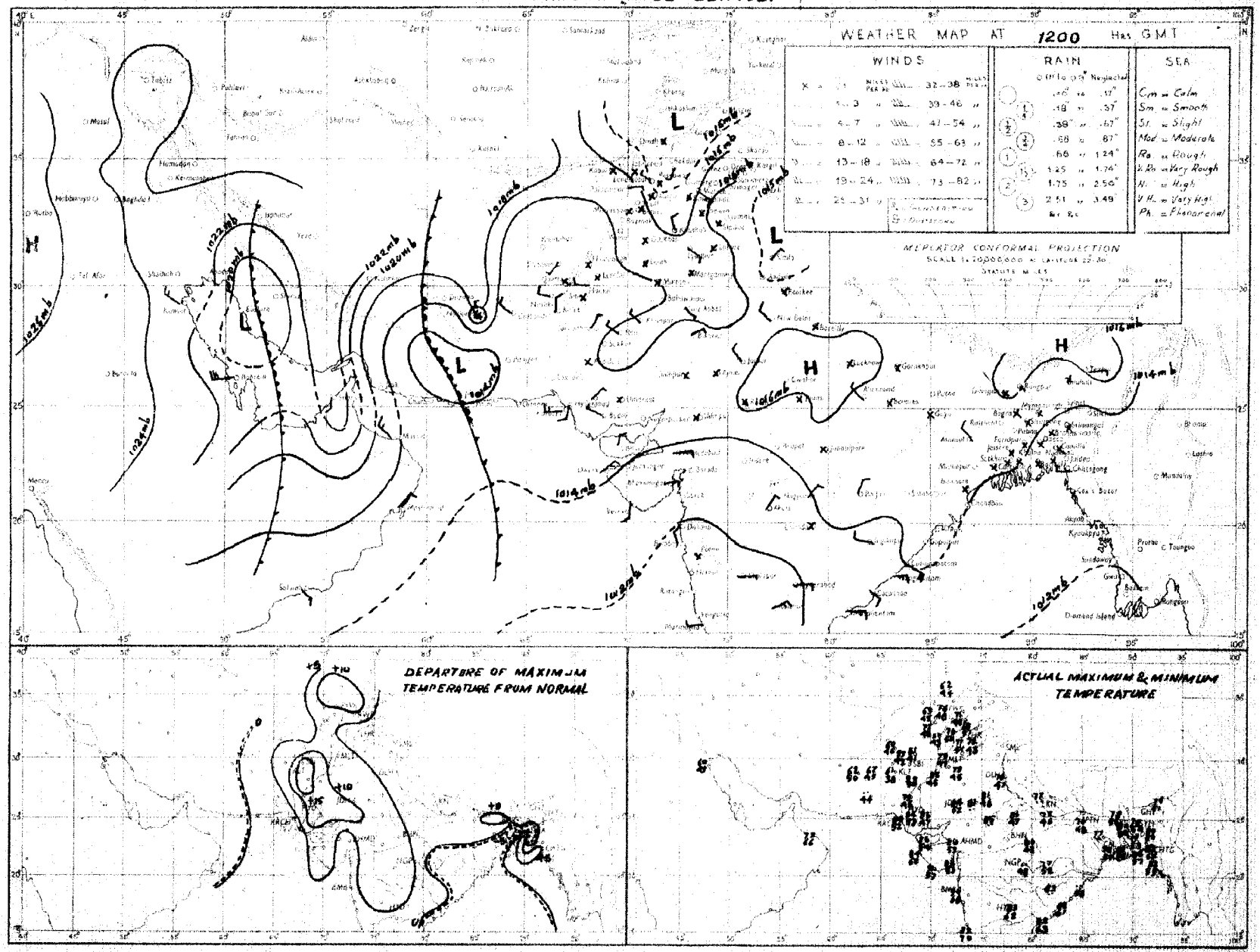
Peshawar 53008 12438

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.5 0.6, 0.9, 1.5, 2.1 2.0, 4.5, 6.0, 7.5, and 9.0, n.m. The levels given as the head of the columns are the nearest equivalent levels in thousands of feet

N. P. W.

PAKISTAN DAILY WEATHER MAP

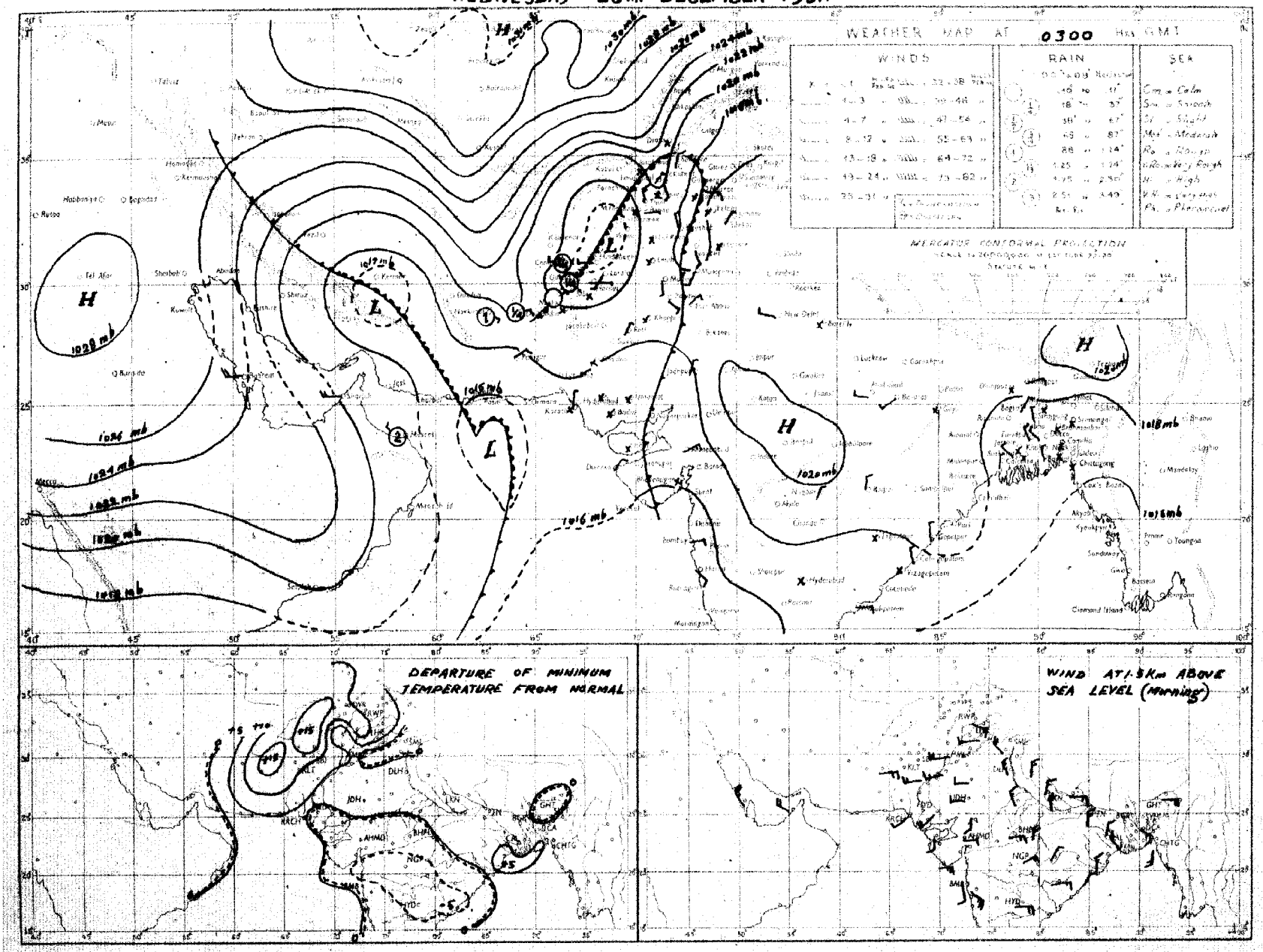
TUESDAY 25th: DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 26th DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR THURSDAY, THE 27th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The trough of low lies over East Baluchistan and the North-West Frontier Province.

A secondary western disturbance lies over southeast Iran and is moving eastwards.

Fairly widespread rain/drizzle has occurred in north Baluchistan and the North-West Frontier Province and local in the north Punjab.

Chief amounts f rainfall are :—Drosh 1" ; Loralai ¾" ; Kalat ½" and Murree, Parachinar and Harnia ¼" each.

Night temperatures continued to be considerably above normal in north Baluchistan and the North-West Frontier Province and were generally appreciably to markedly above normal elsewhere over the country.

Forecast valid until the evening of 28th :—Local rain/drizzle will occur in north Baluchistan, the North-West Frontier Province, Kashmir and the adjoining north Punjab. Scattered rain/thundershowers are also likely in upper Sind and the plains of Punjab.

Karachi-11.
The 27th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_t D_H D_M T_x T_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_t D_H D_M T_n T_n$	T_xT_x	T_nT_n	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 63	1 00 00	95 01 1	131 73	1 1 3 0 0	- - - 82	000 63	0 00 00	97 00 1	157 78	0 0 9 0 0	- - - 67	+ 4	+11	1.3	- 2.9	122.7	140
	Chittagong	000 61	0 25 02	96 00 0	125 71	0 0 9 0 0	- - - 81	000 64	0 0 00	97 00 4	154 75	0 0 9 0 0	3 × × 59	+ 4	+ 4	0.3	- 2.5	184.8	108
	Noakhali	000 61	0 00 00	93 46 0	xxx 72	0 0 9 0 0	- - - 81	000 65	5 00 00	97 03 4	xxx 67	1 2 5 2 0	- - - 57	+ 3	0	1.6	- 1.1		115
	Comilla	000 61	5 18 05	96 08 1	138 79	5 4 7 0 0	- - - 79	000 61	3 00 00	98 03 0	164 63	0 0 9 0 2	- - - 59	+ 2	+ 6	1.4	- 0.2	132.6	94
	Brahmanbaria	000 65	4 00 00	xx 03 1	131 71	0 0 9 4 0	0 × 0 85	000 63	0 28 02	97 00 0	159 73	0 0 9 0 0	- - - 59	-	-	0.9	- 0.5	66.4	78
	Dacca	xxx 65	3 23 02	xx 02 2	122 71	3 2 6 0 0	8 × × 82	000 62	5 00 00	97 04 1	152 68	0 0 9 7 0	9 × × 55	-	-		—	-	-
	Narayanganj	000 62	0 00 00	xx 00 1	136 74	0 0 9 0 0	9 × × 84	000 63	0 00 00	95 00 1	157 69	0 0 9 0 0	3 × × 60	+ 8	+ 5	0.7	- 0.4	89.5	74
	Mymensingh	000 57	0 00 00	98 00 0	135 72	0 0 9 0 0	- - - 78	000 56	0 00 00	98 00 0	157 63	0 0 9 0 0	- - - 52	+ 2	- 1	8.0	+ 2.1	64.8	91
	Srimangal	000 63	1 00 00	xx 01 1	126 65	1 2 6 0 0	- - - 80	000 63	1 00 00	96 02 1	160 68	0 0 9 8 0	- - - 51	+ 1	+ 4	1.9	+ 0.3	107.1	98
	Khulna	000 61	0 00 00	98 00 0	181 71	0 0 9 0 0	- - - 82	000 57	1 05 02	98 00 0	162 67	1 5 8 0 0	- - - 61	+ 5	+ 8	0.8	- 0.5	54.2	66
	Satkhira	000 61	0 00 00	98 00 0	128 72	0 0 9 0 0	- - - 72	000 56	5 36 02	97 03 1	[illegible] 66	4 4 7 6 0	- - - 60	- 6	+ 9	0.7	- 1.3	45.3	65
	Jessore	000 63	0 00 00	xx 00 0	131 68	0 0 9 0 0	- - - 80	000 59	1 31 0[illegible]	97 01 1	160 72	1 1 6 0 0	- - - 64			1.1	- 0.1	47.0	65
	Faridpur	000 60	0 00 00	94 05 0	126 72	0 0 9 0 0	9 × × 74	000 61	0 36 02	93 10 0	157 67	0 0 9 0 0	9 × × 57	0	+ 5	1.5	+ 0.2	57.0	71
	Barisal	000 61	1 00 00	97 01 1	123 73	0 0 9 3 0	- - - 89	000 61	1 00 00	97 05 1	154 67	1 1 6 0 0	- - - 57	+ 4	+ 3	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 61	2 36 02	xx 01 1	130 71	0 0 9 7 0	0 0 0 72	000 57	1 36 03	97 01 1	163 61	1 6 2 0 0	- - - 57	- 2	+ 5	3.3	+ 2.5	69.1	64
	Bogra	000 61	2 01 00	96 01 1	148 75	2 1 7 0 0	- - - 79	000 57	1 02 02	95 01 0	161 65	0 0 9 0 1	- - - 56	+ 4	+ 3	2.0	+ 1.1	47.0	69
	Dinajpur	000 56	0 00 00	xx x0 0	152 68	0 0 9 0 0	- - - 79	000 58	0 00 00	96 00 0	172 68	0 0 9 0 0	- - - 50	+ 4	+ 1	0.6	+ 0.1	49.2	72
	Rangpur	000 xx	0 00 00	xx 00 1	— —	0 0 9 0 0	- - - --	000 xx	0 00 00	98 00 1	— —	0 0 9 0 0	- - - --			1.2	+ 0.7	80.4	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 49	0 00 00	96 00 0	155 71	0 0 9 0 0	- - - 75	000 46	2 05 02	95 04 0	182 50	0 0 9 0 3	- - - 46	+ 8	+ 6	0.4	+ 0.1	10.5	12
	Lahore	000 52	0 00 00	96 00 1	157 70	0 0 9 0 0	8 × × 78	000 45	0 00 00	94 10 0	186 49	0 0 9 0 0	- - - 47	+ 8	+ 8	1.3	+ 0.9	16.0	19
	Sialkot	000 51	4 00 00	97 03 1	158 67	1 1 6 8 1	- - - 78	000 48	4 00 00	97 03 1	177 54	2 1 6 4 0	- - - 51	+ 6	+10	1.9	+ 1.2	20.7	32
	Jhelum	000 51	7 00 00	96 02 1	171 66	0 0 9 7 0	- - - 71	000 50	8 27 03	96 03 5	179 58	1 1 7 7 -	- - - 53	—		1.9		28.6	—
	Rawalpindi	000 51	7 00 00	97 05 1	169 59	7 3 5 0 0	- - - 70	015 51	6 00 00	93 03 5	xxx 58	6 3 6 0 0	6 × × 50	+ 6	+13	2.3	+ 1.0	28.0	36
	Murree †	000 35	8 13 19	97 08 2	971 44	8 9 4 - -	9 × × 48	037 37	8 11 10	96 61 6	978 38	8 9 4 - -	4 × × 36	+ 2	+ 3	3.0	+ 0.8	48.2	59
	Attock	xxx xx	8 00 00	97 01 0	— —	0 0 9 2 0	- - - --	xxx xx	6 00 00	96 03 0	— —	0 0 9 0 2	- - - --	—					—
	Khushab	000 50	2 16 05	99 01 1	143 74	2 0 8 7 0	- - - 76	013 55	6 16 05	99 01 1	179 58	6 5 6 0 0	- - - 54	+ 8	+14	0.7	+ 0.3	8.7	16
	Montgomery	000 62	0 00 00	96 00 0	154 77	0 0 9 0 0	- - - 78	000 34	0 00 00	96 00 0	182 46	0 0 9 0 0	- - - 43	+ 9	+ 2	1.1	+ 0.8	7.2	10
	Leiah	000 47	0 31 02	97 00 0	155 75	0 0 9 0 0	- - - 77												8
	Multan	000 49	0 00 00	97 00 0	153 73	0 0 9 0 0	- - - 79	000 43	2 36 02	96 01 0	180 54	0 0 9 3 0	1 0 9 50	+10	+ 9	0	- 0.3	6.9	7
	Khanpur	000 41	0 16 03	97 00 0	143 80	0 0 9 0 0	- - - 83	000 42	0 02 03	98 10 0	168 49	0 0 9 0 0	- - - 46	+10	+ 5	0.1	- 0.1	2.1	5
	Bahawalpur	000 47	0 00 00	97 00 0	146 77	0 0 9 0 0	- - - 84	003 41	0 09 02	97 00 0	185 47	0 0 9 0 0	- - - 47	+18	+ 6	0.1	- 0.1	4.6	6
	Fort Abbas	000 47	0 13 02	96 00 0	147 76	0 0 9 0 0	- - - 88	000 36	0 05 02	96 00 0	181 50	0 0 9 0 0	- - - 45		-	1.3	—	5.0	6
N. W. F. P.	Drosh *	010 41	8 00 00	94 61 6	013 47	8 7 2 - -	- - - 47	102 38	8 00 00	95 60 6	034 41	8 7 4 - -	8 × × 39	- 1	+ 8	2.2	—	4.9	18
	Chakdara	018 51	8 34 07	98 03 5	158 56	8 0 5 2 -	9 - 0 57	013 48	7 36 05	98 03 1	160 50	7 0 5 9 0	9 × 5 50		—	1.3	—	21.6	—
	Cherat *	000 29	7 17 04	97 02 6	938 57	8 2 5 2 7	5 9 0 57	000 41	3 20 17	98 04 2	xxx 46	3 4 9 3 2	0 8 × xx	+ 6	—	2.9	+ 2.4	31.7	29
	Peshawar	004 52	7 00 00	96 02 3	172 61	2 8 7 7 0	7 × × 63	004 49	9 00 00	92 47 4	193 50	9 - 0 - -	2 × × 47	- 1	+ 7	0.9	0	10.0	14
	Parachinar	008 39	8 00 00	98 03 2	971 49	4 2 3 6 0	2 × 9 52	029 42	8 00 00	97 08 9	970 48	4 2 3 6 0	2 × 9 42	+ 1	+13	1.3	—	20.9	29
	Miranshah	000 51	8 11 03	97 03 2	015 60	8 4 6 0 0	- - - 64	000 44	0 05 02	97 00 0	018 46	0 0 9 0 0	- - - 46		—	0.5	- 0.1	11.0	13
	Bannu	000 49	8 00 00	98 01 2	171 67	8 2 6 0 0	- - - 70	000 49	0 00 00	99 00 0	201 50	0 0 9 0 0	- - - 50	—	—	0.5		6.3	11
	D. I. Khan	000 51	5 36 01	98 01 0	147 71	0 0 9 0 1	0 6 × 74	000 54	0 00 00	98 00 0	172 56	0 0 9 0 0	- - - 42	+ 5	+ 8	0	- 0.3	3.8	9
	Wana																		11
	Landikotal	000 46	8 00 00	99 03 5	010 53	8 7 5 0 0	- - - 55	000 46	6 18 02	99 02 5	015 47	6 1 6 0 0	- - - 44		—	0.9	—	12.8	—
	Hangu	xxx xx	6 00 00	99 03 6	— —	6 8 7 0 0	8 × × —	xxx xx	6 00 0[illegible]	98 01 1	— —	0 0 9 5 0	9 × 0 —	—	—	—	—	—	—
	Thall	xxx xx	— — —	— — —	— —	0 0 9 0 0	0 0 0 --	xxx xx	0 36 09	99 00 0	— —	0 0 9 0 0	- - - --	—	—	—	—		—
BALUCHISTAN	Fort Sandeman *	000 44	8 31 03	97 53 5	018 57	8 7 6 0 0	1 × × 62	010 45	7 00 00	98 02 6	044 49	5 8 6 4 0	4 × × 48	+ 5	+19	0.3	- 0.2	10.3	11
	Hindubagh	000 28	8 00 00	97 02 2	014 52	8 7 7 0 0	- - - 65	000 37	7 00 00	97 02 2	971 41	7 7 7 0 0	- - - 40		—	0	-	9.0	—
	Loralai	000 40	8 00 00	96 03 2	013 60	8 6 5 × ×	- - - 64	075 43	0 00 00	96 00 6	041 45	0 0 9 0 0	9 × × 41	—	-	0.9	—	19.4	—
	Harnai (a)	xxx xx	6 09 02	94 02 1	— —	0 0 8 5 2	- - - --	021 xx	5 00 00	95 02 1	— —	3 0 8 5 3	5 × × —		-	0.3	- 0.6	10.0	14
	Sibi	000 42	5 06 05	98 03 1	144 77	0 0 9 7 0	5 5 × 80	008 54	2 00 00	98 03 0	160 58	0 0 9 0 4	2 × 5 50	—	-	0	—	8.8	5
	Quetta †	003 47	7 20 07	98 02 5	967 49	4 6 5 4 0	8 × 5 52	010 40	7 00 00	97 44 5	967 42	5 6 5 4 0	9 × 0 40		-	0.4	- 0.7	9.7	9
	Chaman	002 45	8 31 02	97 03 5	012 53	0 0 9 2 0	9 × 9 55	008 39	8 00 00	97 02 6	039 42	8 2 6 - -	7 × × 41	+ 2	+ 7	0.3	- 0.7	10.3	8
	Nushki	000 52	6 13 01	97 02 2	056 57	0 0 9 2 0	- - - 68	016 45	8 31 02	95 02 0	078 47	0 6 × 0 0	- - - 47		—	0.4	—	5.6	—
	Dalbandin *	000 52	8 00 00	97 03 2	016 59	6 5 7 2 -	- - - 69	000 42	8 07 02	97 03 1	027 41	6 6 7 2 -	- - - 40	- 4	+ 8	0.2	- 0.4	2.1	4
	Nokkundi	026 49	6 28 02	97 08 1	173 59	4 8 6 3 0	9 × 9 61	000 37	7 05 02	98 03 1	209 46	2 2 6 4 5	9 0 0 44		—	0.9	—	1.9	7
	Kalat †	000 34	8 18 05	98 50 1	986 63	8 7 7 0 0	- - - 59	043 33	4 00 00	98 02 0	981 38	4 6 7 0 0	- - - 38	+ 8	+12	0.9	- 0.1	10.7	7
	Turbat	000 44	7 23 06	97 03 1	xxx 75	7 2 7 0 0	8 0 0 82	000 53	0 13 05	98 00 0	xxx 55	0 0 9 0 0	- - - 54			0		1.4	—
	Panjgur *	000 48	8 23 12	97 08 1	002 68	0 0 9 2 0	9 0 6 69	000 41	4 05 10	97 03 1	020 49	0 0 9 2 0	9 0 6 45	+ 5	+ 8	0	—	3.2	5
	Las Bela																		8
	Ormara																		6
	Pasni																		5
	Jiwani																		4
SIND	Reti	000 22	0 18 02	96 00 0	144 81	0 0 9 0 0	- - - 85	000 36	0 00 00	96 00 0	166 46	0 0 9 0 0	- - - 44	—	—	0	—	9.2	—
	Jacobabad	000 39	0 16 02	98 00 0	145 79	0 0 9 0 0	- - - 81	000 42	2 00 00	96 02 1	159 55	0 0 9 4 0	- - - 51	+ 9	+ 7	0	- 0.2	0.7	4
	Sukkur	000 45	0 00 00	96 00 0	140 79	0 0 9 0 0	- - - 83	000 51	0 xx xx	96 00 0	162 54	0 0 9 0 0	- - - 48	+16		0	—	1.9	4
	Padidan	000 42	1 00 00	98 01 0	143 80	0 0 9 0 1	- - - 81	000 43	0 00 00	98 00 0	160 47	0 0 9 0 0	- - - 43		—	0	—	0.9	—
	Karachi (*Manora*)	000 45	5 27 09	99 02 2	150 75	0 0 9 0 1	0 9 × 80	000 60	0 00 00	94 10 0	156 65	0 0 9 0 0	- - - 63	+ 4	+ 5	0.1	- 0.1	1.7	8
	Karachi (*A. P.*)	000 55	5 20 07	98 03 1	151 76	0 0 9 0 1	- - - 81	000 52	1 00 00	97 02 1	155 58	0 0 9 0 1	- - - 55	—	—	0	—	2.0	—
	Badin							000 40	0 18 02	97 00 0	164 53	0 0 9 0 0	- - - 54		+ 1	0.9	+ 0.6	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 68	0 27 08	97 00 0	141 83	0 0 9 0 0	- - - 83	000 55	0 00 00	97 00 0	166 56	0 0 9 0 0	- - - 51	—	—	0	—	2.3	—
	Hyderabad	000 49	8 00 00	97 01 1	151 80	0 0 9 0 2	- - - 86	000 51	0 00 00	95 05 0	160 55	0 0 9 0 0	- - - 52	+ 9	+ 1	0	- 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul	008 40	8 02 04	96 61 6	997 43	8 7 1 - -	0 - - 44	022 34	5 26 02	98 02 8	012 35	8 7 5 2 0	- - - 34	—	—	0.6	—	11.2	13
	Jalalabad	000 44	8 00 00	96 08 2	013 65	8 5 6 - -	3 × × 67	000 44	0 00 00	96 03 5	016 55	2 1 6 5 0	9 × 9 43	—	—	0.3	—	7.5	—
	Kandahar																		—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 27th DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	B de ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	‡Ndd ff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_n T_n$	Departure from Normal $T_x T_x$	$T_n T_n$	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
Arabia	Muscat	—	000 62	6 27 09	99 03 2	175 70	6 2 7 0 0	— — — 71	000 56	0 27 09	99 00 2	187 69	0 0 9 0 0	— — — 68	— 6	6 10 E	2.3	+ 1.3	5.6	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 37	2 29 16	97 00 0	248 55	0 0 9 0 5	— — — 56	000 41	0 31 09	97 00 0	256 49	0 0 9 0 0	— — — 47	—	—	0.4	—	1.9	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
‡ Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalganga	43 112	754 06	6 07 09	98 02 1	132 83	31 9 96	7 8 300	—	0 51 70	—
Tranba	43 182	700 18	0 01 09	99 00 9	147 78	00 9 00	—	—	—	—
Dwarka	43 236	673 18	0 18 05	98 00 0	170 74	00 9 00	3 5 300	—	0 55 62	—
Jalaganga	43 121	748 12	6 31 08	98 02 1	104 84	24 6 11	7 8 900	—	0 01 66	1 50 21
Sohastiano	43 19–	596 17	3 00 00	98 03 1	189 75	31 7 00	—	—	—	—
Bharatrani	×× ×××	716 06	0 05 10	97 00 0	116 76	×× × ××	—	—	—	—
Hyaeanta	43 162	541 18	2 35 18	98 02 1	158 74	25 6 00	5 8 801	—	0 52 61	1 55 56
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—			iiiGG		PoPoPoToTo		TdoTdoTxoX₁X₂			P₁P₁h₁h₁h₁		T₁T₁T₁d₁T₁d₁T₁x₁ etc.				5555		h₁h₁P₁P₁P₁			T₁T₁T₁d₁T₁d₁T₁x₁ etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	—	780 14	015 22	161 60	000 44	211 6–	865 04	197 70	700 42	117 18	569 84	569 97	301 85	799 94	200 97	979 94	555 55	349 00	296 22	678 00	177 25	466 00	039 97	504 00	869 94	823 50

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ — Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ — Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	05 02	05 01	06 04	11 07	06 08	01 07	—	—	—	—	36 09	34 07	31 03	09 04	—	—	33 08	34 02	×× ××	12 07	08 05	33 04	30 27	29 25
Dhhor	—	—	—	22 07	21 05	25 10	—	23 40	—	—	—	—	—	—	—	—	×× ××	×× ××	×× ××	03 08	26 11	24 26	23 49	—
Chittagong	21 03	18 09	15 10	19 10	23 21	26 24	28 29	—	—	—	16 03	15 06	15 09	16 09	23 10	26 08	18 05	14 09	15 12	10 12	18 06	24 05	32 17	32 30
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	29 11	29 05	16 06	14 12	14 10	15 11	10 04	13 04	20 06	22 02	22 09	22 14	31 23	34 25
Dacca	18 02	12 03	22 06	15 03	28 07	—	—	—	—	—	02 07	02 08	03 05	07 05	03 03	—	02 07	33 07	21 06	05 08	07 06	27 04	31 33	33 25
Dalbandin	—	—	09 04	20 05	24 12	25 26	—	—	—	—	—	—	07 12	09 05	25 09	—	—	—	—	—	XX XX	23 03	—	—
Drosh	—	—	—	No	ascent	—	—	—	—	—	—	—	No	ascent	—	—	—	—	—	—	18 02	—	—	—
Port Sandeman	—	—	—	26 03	24 05	28 11	—	—	—	—	—	—	—	—	—	—	—	—	—	20 01	29 05	29 04	—	—
Sacobabad	18 02	21 01	12 02	13 06	15 12	25 28	25 42	23 47	24 79	25 78	33 04	32 03	28 04	23 10	21 16	24 23	05 02	26 02	25 02	23 02	29 08	33 21	24 44	—
Jhelum	10 05	14 03	18 02	15 06	16 18	22 25	—	—	—	—	05 04	02 03	13 04	12 01	09 02	10 09	30 12	24 12	25 12	31 10	27 14	17 11	—	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	21 04	20 04	20 04	25 06	25 10	23 28	23 33	23 52	24 70	26 83	27 10	27 12	29 09	27 06	23 14	24 27	29 11	29 12	32 13	29 09	26 14	32 24	—	—
Khanpur	16 05	20 04	20 05	26 06	23 12	23 20	26 40	23 59	—	—	13 04	12 03	20 03	21 12	23 18	23 20	03 07	04 07	04 04	27 06	34 13	25 23	24 55	—
Lahore	29 09	27 04	27 05	23 09	21 16	23 29	25 41	25 53	25 71	26 73	07 04	32 04	31 09	27 03	25 05	23 15	02 04	30 06	31 11	29 15	10 06	19 18	23 30	—
Multan	22 07	19 04	20 07	24 12	23 13	23 19	25 41	—	—	—	12 10	15 06	31 11	30 15	21 13	24 27	12 10	13 06	07 06	11 03	29 09	23 20	24 47	—
Peshawar	—	01 01	04 02	05 03	19 15	20 25	—	—	—	—	—	16 04	12 06	17 11	17 13	21 27	—	35 06	34 03	27 07	20 21	18 13	24 31	23 29
Quetta	—				18 04	24 41	—	—	—	—	—	—	No	ascent	—	—	—	—	—	—	17 03	—	—	—
Bushire	—					—					—	—			—	—					—	—	—	—
Sharjah	—					—																—		

Cloud Observation Data (iiiGG Cddv, v,)

12
+ 7
+5

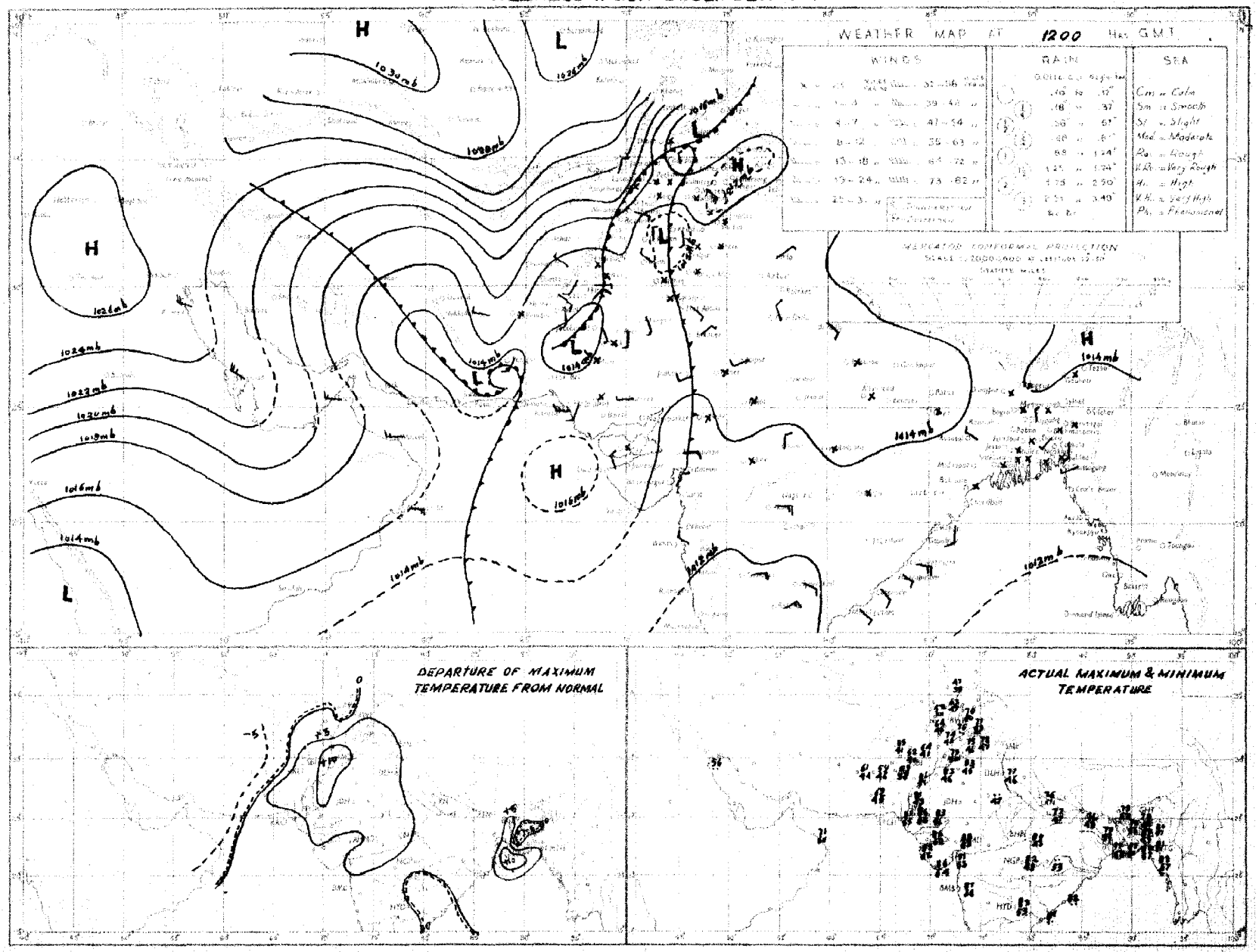
.042
89
432

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.5 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

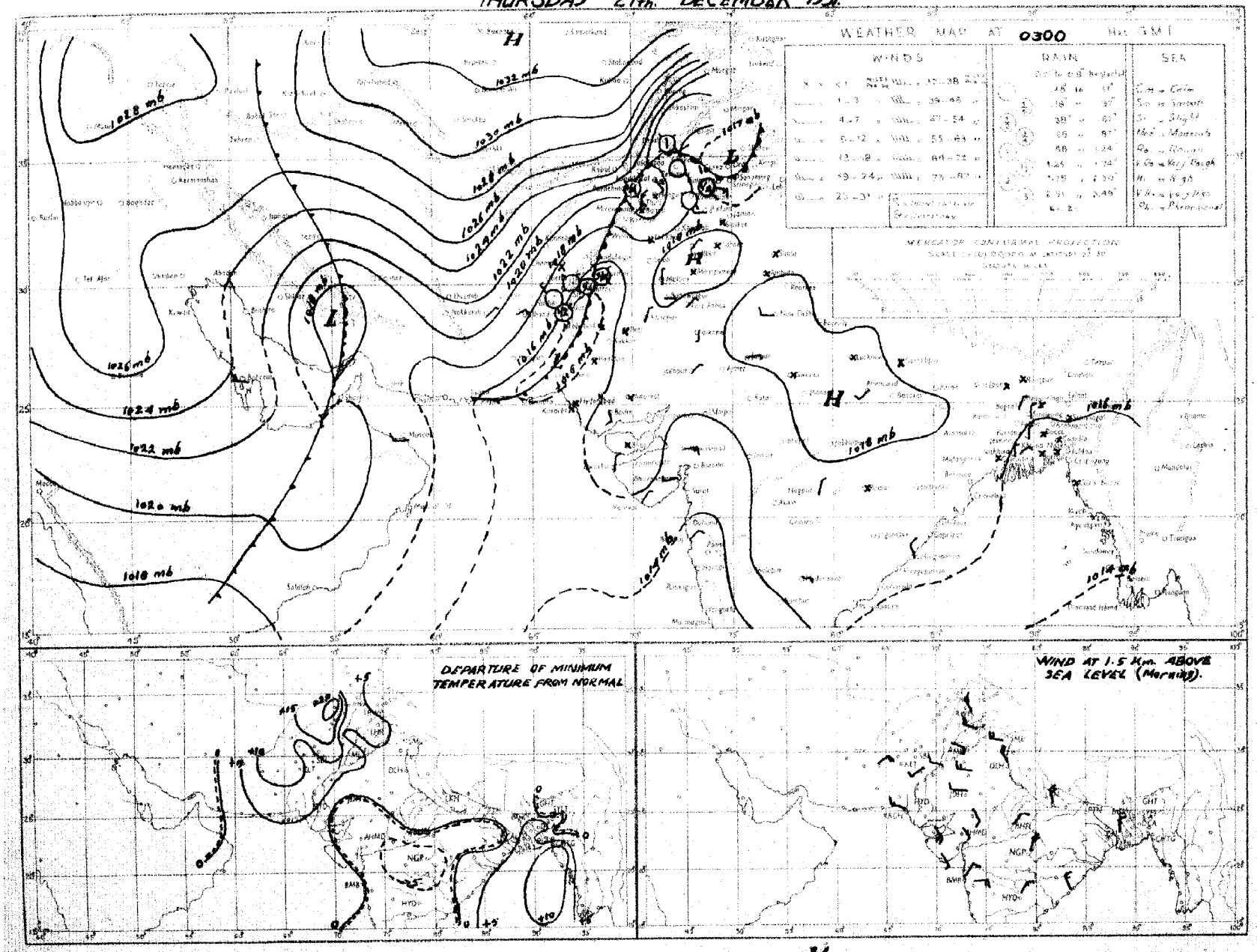
WEDNESDAY 26th: DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 27th. DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription
Pages 1—3
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR FRIDAY, THE 28th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

An occluded front runs in a northwest to southeast direction along the upper North-West Frontier Province and the north Punjab. It is moving eastwards.

The secondary western disturbance over southeast Iran persists.

Local rain/drizzle has occurred in the north Punjab and scattered in the North-West Frontier Province and north Baluchistan. Drosh reported ¼" of rainfall.

Night temperatures were generally appreciably below normal over northeast Baluchistan and generally markedly above normal elsewhere in West Pakistan and generally appreciably above normal in East Pakistan.

Forecast valid until the evening of 29th :—Local rain/drizzle will occur in Kashmir and scattered rain/thundershowers in the north Punjab and the upper North-West Frontier Province. Temperatures will fall appreciably to markedly in the Punjab, the North-West Frontier Province and appreciably over Baluchistan and Sind.

Karachi-11.
The 28th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTx	At 0300 Hrs. G. M. T. of date RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTnTn	Departure from Normal Tx Tx	Tn Tn	Rainfall Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 63	0 00 00	95 00 0	128 73	0 0 9 0 0	- - - 80	000 62	0 00 00	97 00 1	154 72	0 0 9 0 0	- - - 60	+ 2	+ 4	1.3	- 2.9	122.7	140
	Chittagong	000 63	0 25 02	96 00 0	119 71	0 0 9 0 0	- - - 79							+ 2					108
	Noakhali	000 60	0 18 01	92 46 0	××× 72	0 0 9 0 0	- - - 79	000 63	2 00 00	94 40 4	××× 76	2 0 × 1 0	- - - 59	+ 1	+ 2	1 6	- 0.2	-	115
	Comilla	000 64	0 00 00	96 00 0	112 73	0 0 9 0 0	- - - 81	000 61	0 16 05	98 00 1	145 66	0 0 9 0 0	- - - 58	+ 4	+ 5	1.4	- 0.2	138.6	94
	Brahmanbaria	000 64	0 00 00	×× 00 0	127 75	0 0 9 0 0	- - - 81	000 63	4 00 00	97 01 1	164 66	4 5 5 0 0	- - - 63	-	-	0.9	- 0.5	66.4	78
	Dacca	000 61	1 00 00	×× 01 1	118 71	1 8 8 0 0	- - - 81	000 62	0 00 00	97 00 1	157 69	0 0 9 0 0	- - - 55	—	—	-	—	-	-
	Narayanganj	000 59	0 00 00	×× 00 1	119 72	0 0 9 0 0	6 × × 84	000 62	3 00 00	96 01 1	150 67	2 0 8 4 0	5 × 3 59	+ 8	+ 4	0.7	- 0.4	89.5	74
	Mymensingh	000 58	0 00 00	98 00 0	123 73	0 0 9 0 0	- - - 79	000 55	0 00 00	99 00 0	159 64	0 0 9 0 0	- - - 53	+ 3	0	3.0	+ 2.0	64.8	91
	Srimangal	000 61	1 00 00	×× 01 1	123 64	1 2 × 0 0	- - - 80	000 61	3 00 00	96 02 1	161 69	0 0 9 2 1	0 6 5 52	+ 1	+ 5	1.9	+ 0.2	107.1	98
	Khulna	000 61	0 00 00	98 00 0	127 72	0 0 9 0 0	- - - 79	000 57	0 00 00	98 00 0	163 69	0 0 9 0 0	- - - 57	+ 2	+ 4	0.8	- 0.5	54.2	68
	Satkhira	000 54	3 00 00	97 03 1	117 73	2 5 7 5 0	- - - 80	000 57	2 00 00	97 01 1	153 67	2 5 7 0 0	- - - 60	+ 2	+ 9	0.7	- 1.3	45.8	65
	Jessore	000 60	0 00 00	×× 00 0	127 70	0 0 9 0 0	- - - 80	000 57	0 36 03	97 00 0	164 66	0 0 9 0 0	- - - ××			1.1	- 0.1	47.0	65
	Faridpur	000 63	1 00 06	95 05 0	112 72	0 0 9 0 8	9 × × 78	000 62	2 21 02	94 10 0	163 67	0 0 9 0 8	9 × × 57	- 1	+ 5	1.5	+ 0.2	67.0	71
	Barisal	000 63	1 00 00	97 01 1	118 73	1 5 7 0 0	- - - 80	000 59	2 00 00	98 02 1	159 66	1 4 6 5 0	- - - 59	+ 4	+ 5	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampur Boalia	000 65	1 00 00	×× 02 1	123 71	1 6 1 0 0	- - - 72	000 57	1 36 03	97 01 1	159 64	1 6 3 0 0	- - - 56	- 3	+ 4	3.3	+ 2.5	69.1	56
	Sirajganj	000 60	2 01 00	96 01 1	120 75	2 1 8 0 0	- - - 80	000 57	0 02 02	95 00 0	167 66	0 0 9 0 0	- - - 54	+ 5	+ 1	2.0	+ 1.1	47.0	64
	Bogra	000 62	0 00 00	×× 00 0	143 70	0 0 9 0 0	- - - 79	000 52	0 00 00	96 00 0	176 65	0 0 9 0 0	- - - 49	+ 4	0	0.6	+ 0.1	49.2	72
	Dinajpur	000 ××	0 00 00	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 07 02	98 00 1	— —	0 0 9 0 0	- - - —	—		1.2	+ 0.7	80.4	84
	Rangpur																		
KASHMIR	Srinagar †																		
	Gulmerg †																		
	Sonamerg (a)																		
	Dras †																		
	Leh †																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Aliabad																		
PUNJAB	Lyallpur	000 53	5 00 00	96 02 0	143 70	0 0 9 2 0	0 0 2 75	000 51	5 00 00	95 04 5	157 58	0 0 9 3 0	- - - 49	+ 8	+ 9	0.4	0	10.5	12
	Lahore	000 53	8 00 00	96 03 2	139 71	0 6 9 0 3	6 5 × 75	000 49	1 00 00	95 05 2	157 55	0 0 9 4 0	9 × 9 48	+ 5	+ 9	1.3	+ 0.8	16.0	19
	Sialkot	000 56	8 00 00	96 03 2	133 67	8 3 6 0 0	- - - 73	000 52	6 27 02	97 03 1	151 56	6 1 6 0 0	- - - 53	+ 6	+12	1.9	+ 1.2	20.7	32
	Jhelum	000 51	8 00 00	96 02 5	143 68	0 0 9 7 -	8 × 9 71	000 52	7 00 00	97 02 5	163 54	7 5 8 0 0	9 × × 51	—		1.9		28.6	-
	Rawalpindi	000 58	4 00 00	96 01 1	132 63	0 0 9 3 0	- - - 70	000 49	5 00 00	97 03 1	157 51	0 0 9 3 0	- - - 50	+ 6	+18	2.3	+ 0.9	28.0	36
	Murree †	000 37	6 09 03	97 02 2	965 43	6 9 4 0 0	9 × × 49	003 35	8 11 12	96 00 6	957 39	8 9 8 - -	6 × × 36	+ 3	+ 3	3.1	+ 0.8	48.2	59
	Attock	××× ××	5 13 02	97 02 0	---	0 0 9 0 2	- - - —	××× ××	9 00 00	91 90 0	--- —	9 - 0 - -	- - - —	-	-				-
	Khushab	000 59	4 34 05	99 01 1	147 68	0 0 8 3 0	- - - 70	000 50	2 25 02	99 03 1	171 53	0 0 9 3 8	- - - ××	+ 2	-	0.7	+ 0.3	8.7	15
	Montgomery	000 56	0 00 00	97 00 0	134 78	0 0 9 0 0	- - - 75	000 51	4 00 00	97 01 1	153 55	0 0 9 2 0	- - - 53	+ 6	+12	1.1	+ 0.8	7.2	10
	Lyallpur	000 59	3 05 02	97 01 1	145 72	0 0 9 0 3	- - - 73	000 52	3 00 00	97 02 0	160 57	0 0 9 0 3	- - - 49			0.4	—	6.9	8
	Multan	000 51	6 00 00	96 02 2	137 71	0 0 9 7 0	9 9 9 75	000 46	6 36 02	96 01 2	159 54	0 0 9 7 9	- - - 51	+ 6	+10	0	- 0.3	6.9	7
	Khanpur	000 47	1 05 03	97 05 0	128 77	0 0 9 0 1	0 9 × 80	000 47	2 02 07	96 10 0	153 51	0 0 9 0 2	0 9 × 49	+ 7	+ 8	0.1	- 0.1	2.1	6
	Bahawalpur	000 48	0 00 00	97 00 0	131 75	0 0 9 0 0	- - - 80	000 45	2 05 02	97 01 0	149 49	0 0 9 0 8	- - - 46	+ 9	+ 5	0.1	- 0.1	45.6	6
	Fort Abbas							000 45	0 18 02	96 00 0	156 55	0 0 9 0 0	- - - 45			1.3	-	5.0	8
N. W. F. P.	Drosh *	015 38	6 00 00	96 01 6	030 43	8 6 4 2 6	8 × × 43	028 37	8 00 00	94 61 6	029 40	8 7 8 - -	4 × × 38	- 5	+ 7	2.5	—	25.2	18
	Chakdara	000 51	5 07 02	98 03 1	136 63	5 5 4 0 9	9 6 × 66	000 46	8 36 03	98 03 2	168 47	8 0 5 9 -	- - - 46		-	1.3		21.6	-
	Cherat *	000 42	5 30 03	98 01 2	042 45	3 2 7 2 2	0 9 × 52	000 37	8 30 03	98 02 2	022 45	8 5 5 2 7	9 8 6 45	+ 1	+ 5	2.9	+ 1.3	31.7	20
	Peshawar	000 53	5 00 00	96 01 4	157 61	1 1 6 4 0	- - - 65	000 46	6 00 00	96 01 1	167 51	1 4 7 7 1	- - - 49	+ 1	+ 9	0.9	0	10.0	14
	Parachinar	000 34	4 00 00	98 02 2	961 54	2 2 6 6 0	4 × 9 54	000 25	5 36 02	99 01 1	953 39	1 1 8 8 0	- - - 38	+ 3	+ 9	1.3	—	29.9	29
	Miranshah	000 45	6 00 00	97 03 2	994 66	8 4 6 0 0	- - - 63	000 31	2 25 02	99 01 0	999 51	0 0 9 6 0	- - - 45		-	0.3	- 0.2	11.0	18
	Bannu	000 49	6 13 02	99 02 1	165 65	0 6 9 3 0	- - - 70	000 43	0 31 02	99 00 0	180 51	0 0 9 0 0	- - - 50	-	-	0.5		6.3	11
	D. I. Khan	000 56	3 09 01	94 03 0	××× ××	0 0 9 0 4	0 6 × 71	000 45	0 00 00	98 00 0	154 53	0 0 9 0 0	- - - 42	+ 2	+ 2	0	- 0.2	2.8	9
	Wana																		11
	Landikotal	000 47	5 05 03	99 02 5	998 53	5 3 6 0 0	- - - 56	000 39	5 00 00	99 02 5	000 40	5 4 6 0 0	- - - 39		-	0.9	-	12.8	-
	Bangu	××× ××	6 00 00	99 03 1	— —	0 0 9 5 0	8 × 0 —	××× ××	4 00 00	99 01 1	— —	0 0 9 4 0	9 × 6 —	—	-		-		-
	Thull	××× ××	4 23 09	98 02 0	— —	2 0 7 1 1	0 0 0 —	××× ××	4 00 00	98 02 0	— —	1 8 7 2 1	- - - —	—		-	-		-
BALUCHISTAN	Fort Sandeman *	000 38	4 00 00	97 02 1	988 56	3 7 6 4 0	8 × × 61	000 41	5 00 00	98 02 5	025 43	3 7 6 4 0	9 × × 42	+ 4	+18	0.3	- 0.3	10.3	11
	Hindubagh	000 37	4 27 02	98 01 1	977 50	4 2 7 0 0	- - - 55	000 29	0 09 02	98 00 0	969 36	0 0 9 0 0	- - - 35	-		0		9.8	-
	Loralai	000 44	4 13 02	96 03 2	990 56	4 8 5 0 0	- - - 59	000 35	0 27 05	96 00 2	014 40	0 0 9 0 0	- - - 39	—	-	0.9	—	19.4	-
	Harnai (a)	××× ××	4 27 02	94 01 1	-	3 0 8 3 2	- - - —	000 ××	4 09 05	95 03 2	---	3 0 8 5 2	- - - —	-		0.3	- 0.6	10.9	14
	Sibi	000 47	3 00 00	98 03 1	124 77	0 0 9 2 0	- - - 80	000 33	0 31 09	99 00 0	145 65	0 0 9 0 0	- - - 54	-		0	—	8.8	5
	Quetta †	000 37	6 31 05	99 02 2	950 48	6 8 5 0 0	- - - 51	000 23	0 00 00	97 44 0	965 32	0 0 9 0 0	- - - 32	-		0.4	- 0.8	9.7	9
	Chaman	000 37	0 31 02	97 00 0	020 50	0 0 9 0 0	- - - 51	000 34	0 29 02	95 05 4	055 35	0 0 9 0 0	- - - 33	- 2	- 1	0.3	- 0.7	10.3	8
	Nushki	000 45	5 20 02	97 01 1	058 54	3 2 6 4 9	- - - 57	000 38	0 31 02	95 00 0	069 39	0 0 9 0 0	- - - 38		-	0.4	—	5.8	-
	Dalbandin *	000 44	2 07 13	95 05 1	024 56	2 1 7 9 0	- - - 57	000 39	2 02 03	96 03 1	042 41	1 1 7 1 0	- - - 39	- 6	+ 7	0.2	- 0.4	2.1	4
	Nokkundi	000 37	7 00 00	99 03 1	166 62	3 2 6 4 9	9 6 6 63	000 34	1 34 02	98 03 0	230 41	0 0 9 0 1	- - - 40	—		0.9	—	1.9	3
	Kalat †	000 37	4 31 02	99 01 1	963 45	4 5 8 0 0	- - - 54	000 26	0 00 00	99 00 0	982 31	0 0 9 0 0	- - - 30	+ 3	+ 4	0.9	- 0.1	10.7	7
	Turbat	000 48	0 31 05	98 00 0	××× 61	0 0 9 0 0	- - - 82	000 40	0 12 05	98 00 0	××× 61	0 0 9 0 0	- - - 54			0		1.4	-
	Panjgur *	000 38	1 05 12	97 03 1	000 57	0 0 9 0 1	9 6 0 65	000 36	4 05 03	97 03 1	019 43	0 0 9 0 4	- - - 39	+ 1	+ 2	0	—	3.2	5
	Las Bela	000 58	6 14 06	99 00 0	123 83	0 0 9 0 0	- - - 86	000 52	0 32 02	98 00 0	148 65	0 0 9 0 0	- - - 53	—		0	—	1.7	8
	Ormara																		6
	Pasni																		6
	Jiwani																		4
SIND	Keti	000 31	0 36 03	96 00 0	124 78	0 0 9 0 0	- - - 80	000 39	0 05 02	96 00 0	152 48	0 0 9 0 0	- - - 45	-	—	0	—	0.2	-
	Jacobabad	000 40	4 16 02	97 01 1	126 77	0 0 9 2 0	- - - 80	000 40	2 36 02	98 03 1	154 53	0 0 9 0 1	- - - 51	+ 8	+ 7	0	- 0.2	0.7	4
	Sukkur	000 43	0 ×× ××	96 00 0	154 78	0 0 9 0 0	- - - 82	000 47	4 ×× ××	96 03 1	144 56	0 0 9 0 9	6 6 × 53	—		0	—	1.0	4
	Padidan	000 37	0 00 00	98 00 0	128 78	0 0 9 0 0	- - - 78	000 46	4 00 00	98 10 1	149 50	0 0 9 0 1	0 6 × 46	—	—	0	—	0.9	-
	Karachi (*Mauripur*)	000 69	5 25 09	99 01 1	123 78	0 0 9 0 1	0 9 × 79	000 62	5 09 05	94 10 2	146 62	5 6 4 0 0	- - - 65	+ 3	+ 7	0.1	- 0.2	1.7	3
	Karachi (*A. F.*)	000 61	2 23 09	97 03 1	124 79	1 1 6 0 1	- - - 88	000 58	2 00 00	97 03 0	149 56	0 0 9 5 1	- - - 56	—		0		3.0	-
	Badin	000 39	0 27 02	97 00 0	120 84	0 0 9 0 0	- - - 85	000 58	0 23 02	97 00 0	153 61	0 0 9 0 0	- - - 58	+ 8	+10	0.9	+ 0.6	7.3	9
	Nagarparkar																		-
	Chhor (*Umarkot*)	000 68	0 27 05	97 00 0	121 82	0 0 9 0 0	- - - 86	000 51	0 00 00	97 00 0	147 59	0 0 9 0 0	- - - 54	—	—	0	—	2.3	-
	Hyderabad	000 48	0 00 00	97 00 0	122 79	0 0 9 0 0	- - - 80	000 57	2 00 00	98 01 0	146 58	0 0 9 0 1	- - - 54	+ 3	+ 8	0	- 0.1	2.0	7
Baluchistan States	Veraval																		20
Afghanistan	Kabul																		13
	Jalalabad																		-
	Kandahar																		-

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 28th DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_sD_wT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_sD_wT_nT_n$	Departure from Normal T_x T_x	T_n T_n	Rainfall: Since 1st Nov. '51 to date	Departure from normal	Since 1st Jan. '51 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
Arabia	Muscat	—	000 54	0 31 09	99 00 0	161 70	0 0 9 0 0	— — — 71	000 56	6 27 05	99 03 1	181 53	0 0 9 2 0	0 × 6 67	— 6	— 1	2.8	+ 1.2	5.6	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 48	0 36 07	97 00 0	233 56	0 0 9 0 0	— — — 56	000 46	7 36 03	97 01 0	233 54	0 0 9 3 0	— — — 46	—	—	0.4	—	1.0	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,356 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ L_a L_a L_a	L_o L_o L_o GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_M C_H	D_s v_s app	S N_s Ch_s h_s	O T_s T_s T_d T_d	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	—	53 217	694 06	2 02 13	98 02 0	168 75	00 9 06	3 5 112	—	0 00 80	—
Singu	—	53 284	601 12	4 84 13	98 02 0	162 79	41 5 00	—	—	—	—
Dwarka	—	53 199	715 18	0 10 05	98 02 0	131 76	00 9 00	8 5 302	—	0 51 71	—
Willumruys	—	53 106	562 18	1 01 19	98 02 0	181 79	13 4 00	6 7 320	—	0 51 69	1 02 24
BAY OF BENGAL											

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—		iiiGG		$P_0P_0P_0T_0T_0$		$T_dT_dT_{d0}X_1X_2$			$P_1P_1h_1h_1h_1$		$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.				5555	$h_1h_1P_1P_1P_1$		$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	—	780 14	011 23	177 60	000 37	221 57	854 95	140 26	700 25	066 94	500 09	579 97	801 45	859 94	555 55	359 00	170 55	668 00	105 09	446 00	019 44	474 00	689 94	793 50	769 93	

PPP—Pressure in hundreds, tens and units of millibars, PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
nh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡										2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡						At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡							
	1	2	3	5	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	—	34 03	30 03	29 05	10 05	01 03	30 19	22 25	23 26	—	—	01 08	01 09	35 09	33 02	28 07	—	33 08	34 08	35 07	35 04	34 09	30 36	—
Chhor	—	19 08	19 10	19 13	23 12	24 13	23 30	23 42	—	—	—	—	—	—	—	—	38 14	27 12	28 12	27 08	29 15	34 26	25 46	—
Chittagong	—	26 07	26 04	16 04	16 06	21 13	23 11	35 17	30 19	38 36	31 41	35 04	35 03	04 04	16 05	22 07	30 10	05 06	05 06	07 08	15 03	23 11	31 38	30 39	32 30
Cox's Bazar	—	24 06	19 04	13 03	20 13	20 21	24 08	31 27	—	—	—	35 03	36 04	19 06	31 10	31 09	25 00	36 04	38 03	38 05	23 08	29 03	33 26	—
Dacca	—	36 08	33 10	29 05	07 05	32 06	27 11	31 25	—	—	—	01 08	36 04	01 03	09 02	33 15	31 41	36 05	01 04	35 05	19 04	13 09	13 35	14 46
Dalbandin	—	—	—	08 08	07 18	09 06	—	—	—	—	—	—	—	35 09	25 07	12 05	14 08	—	—	07 17	06 11	07 09	09 09	—
Drosh	—	—	—	—	No	ascent	—	—	—	—	—	—	—	—	22 03	33 01	30 03	—	—	—	—	31 04	—	—
Fort Sandeman	—	—		—	09 01	27 03	21 13	—	—	—	—	—	—	—	—	—	—	—	—	—	26 03	33 07	25 09	—
Jacobabad	—	13 06	09 04	14 02	25 08	23 09	22 19	—	—	—	—	11 04	17 03	30 06	23 09	24 07	26 19	08 11	03 01	31 05	30 07	28 07	27 14	26 34
Jhelum	—	32 05	33 03	27 33	23 03	26 09	23 13	—	—	—	—	30 09	31 09	02 04	35106	31 13	23 12	31 03	01 04	03 03	31 01	30 02	—	—
Jiwani	—																							
Karachi	—	28 03	30 04	30 06	29 10	24 21	24 25	25 44	25 55	26 92	26 14	27 15	27 14	26 14	24 17	25 19	—	27 05	27 11	28 11	25 19	26 19	27 23	—
Khanpur	—	36 03	14 03	14 06	18 05	23 10	23 23	24 50	23 51	—	—	04 07	06 04	33 04	30 10	26 08	29 11	01 04	11 01	36 08	29 10	28 06	25 07	26 45	25 61
Lahore	—	01 01	33 03	30 09	35 08	25 10	23 14	25 32	24 45	—	—	02 03	01 02	18 05	25 08	24 06	23 19	05 03	31 06	28 08	27 04	27 09	23 10	21 10	23 23
Multan	—	07 04	11 07	12 07	17 07	21 03	23 19	24 58	24 51	—	—	10 07	11 10	14 08	23 12	23 15	23 15	07 10	10 10	10 07	06 06	26 07	23 09	6
Peshawar	—	—	09 02	10 03	12 04	21 09	21 21	22 29	—	—	—	—	35 03	34 06	33 03	23 08	23 13	—	16 06	29 05	32 06	32 08	23 13	31 31
Quetta	—					29 07	31 13	—	—	—	—	—	—	No	ascent	—	—	—	—	—	—	33 05	29 11	33 39
Bushire	—						—					—	—		—	—						—	—	—
Shariab	—						—																—	—

Cloud Observation Data (iiiGG Cddv, v,)

Lahore 64008 123xx

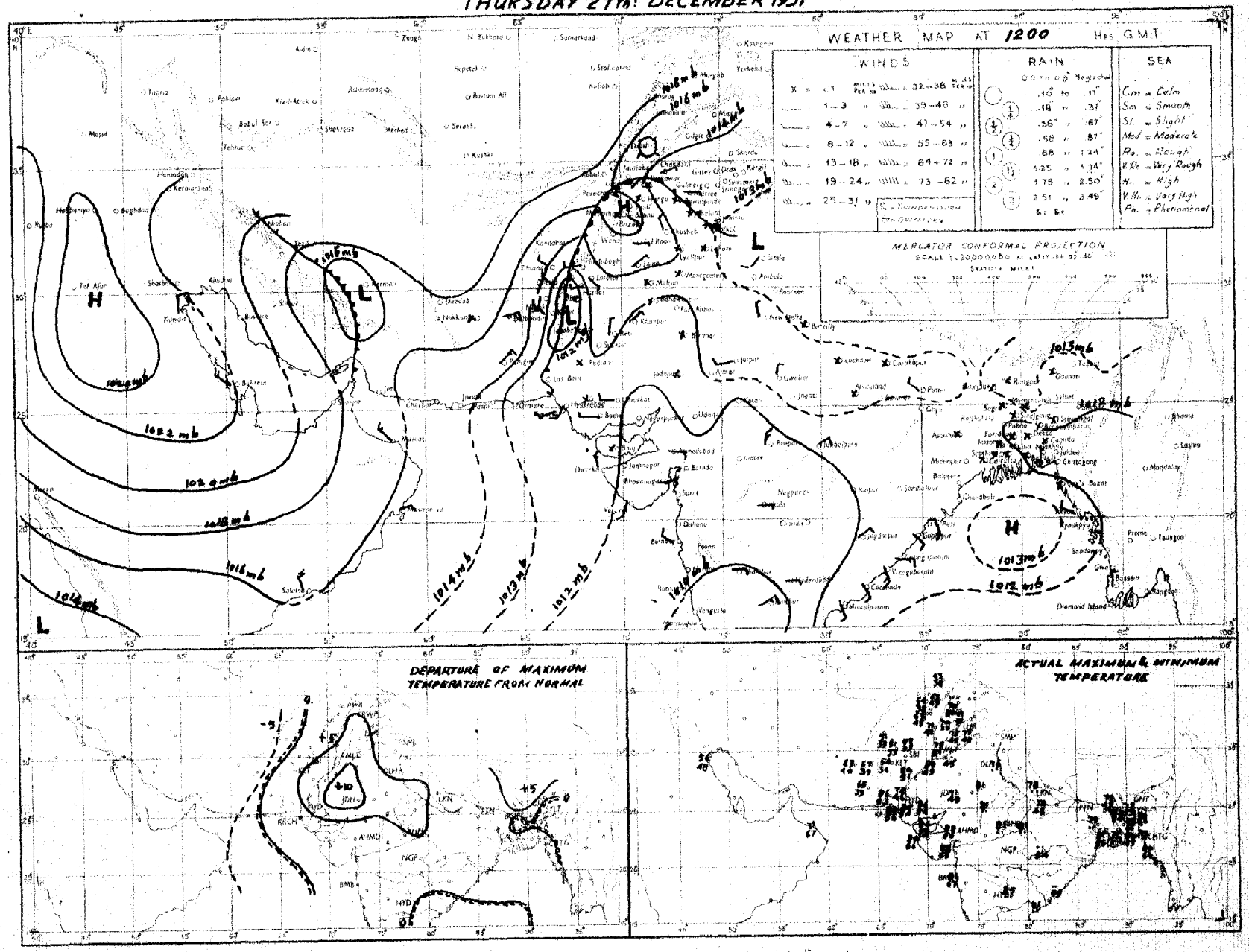
Peshawar 58008 42118

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.3 0.4, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

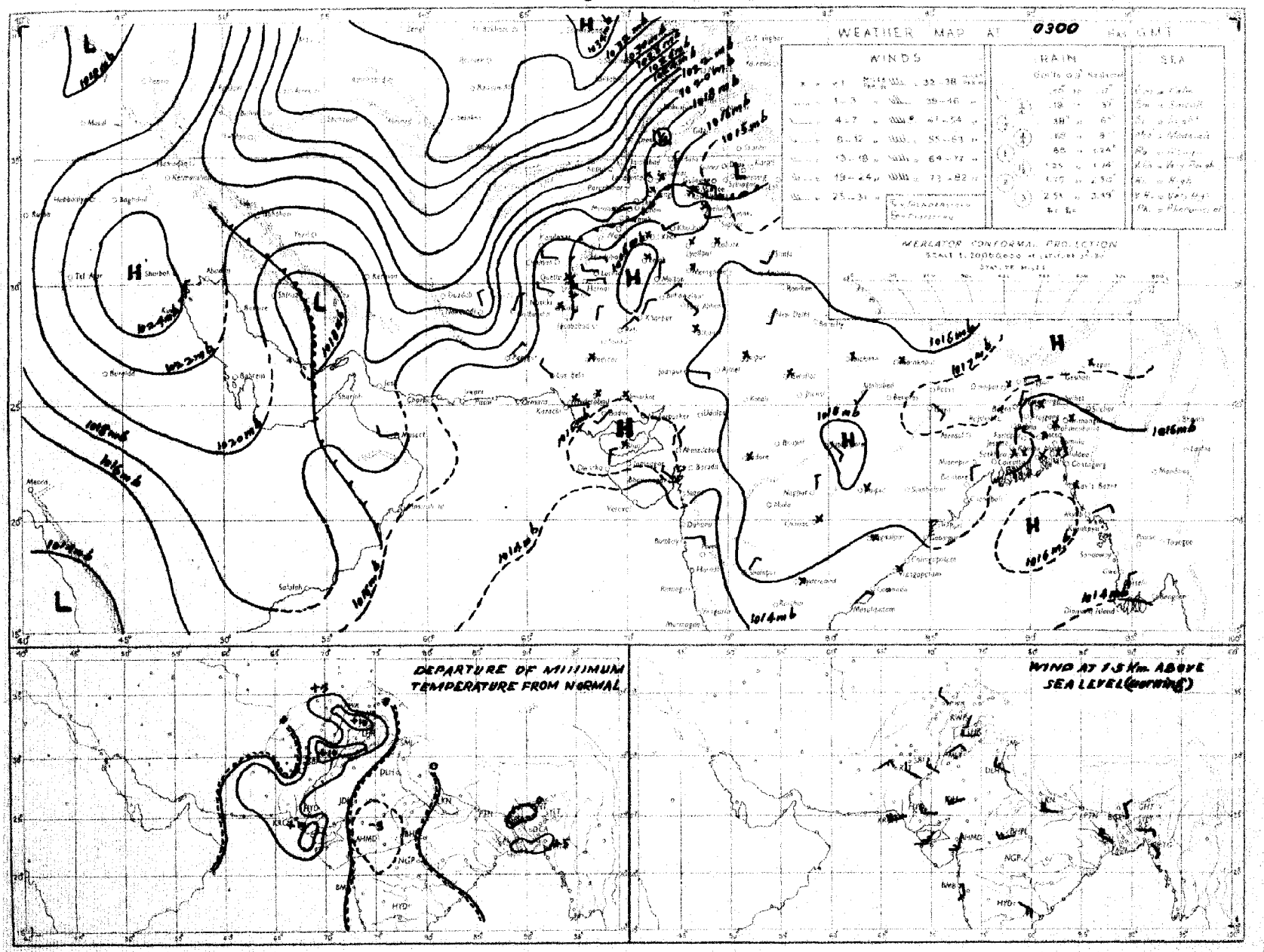
THURSDAY 27th: DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 28th. DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past **24** *hours*

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SATURDAY, THE 29th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

The occluded front over the upper North-West Frontier Province and the north Punjab has moved away eastwards. A western disturbance moving eastwards across Russian Turkistan has induced a trough of low over the North-West Frontier Province. The secondary western disturbance over southeast Iran has weakened and apparently lies as a trough over south Iran.

A fresh western disturbance is approaching Iraq.

Local rain/thundershowers have occurred in the North-West Frontier Province and scattered in the north Punjab. Drosh, Chakdara and Murree each reported ¼" of rainfall.

Night temperatures were considerably above normal in the Punjab and upper Sind and generally appreciably above normal elsewhere over the country outside east Baluchistan.

Forecast valid until the evening of 30th:—Scattered rain/thundershowers will occur in the upper North-West Frontier Province and Kashmir.

Temperatures will fall further appreciably over Baluchistan, the North-West Frontier Province and the Punjab.

Karachi-11.
The 29th December, 1951.

OBSERVATIONS

A. M. A. LATEEF
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_ED_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_ED_MT_nT_n$	T_xT_x	T_nT_n	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 60	0 00 00	95 00 1	124 72	0 0 9 0 0	- - - 80	000 61	0 00 00	97 00 0	146 71	0 3 9 0 0	- - - 58	+ 2	+ 2	1.3	- 2.9	122.7	140
	Chittagong	000 64	0 31 02	96 00 0	118 71	0 0 9 0 0	- - - 81	000 62	0 05 02	97 00 0	146 70	0 0 9 0 0	- - - 57	+ 4	+ 2	0.3	- 2.5	134.8	108
	Noakhali	000 61	0 00 00	93 40 0	xxx 73	0 0 9 0 0	- - - 79	000 60	0 00 00	94 40 4	xxx 67	0 0 9 0 0	- - - 51	+ 1	- 6	1.7	- 0.2		115
	Comilla	000 xx	8 00 00	96 01 1	119 75	2 2 7 0 0	- - - 81	000 62	0 00 00	98 00 0	117 67	0 0 9 0 0	- - - 58	+ 4	+ 5	1.4	- 0.2	132.6	94
	Brahmanbaria	000 53	0 00 00	xx 00 1	121 71	0 0 9 0 0	- - - 79	000 60	0 00 00	97 00 0	150 73	0 0 9 0 0	- - - 59			0.9	- 0.5	66.4	78
	Dacca	000 60	0 00 0	xx 00 1	120 71	0 0 9 0 0	3 x x 80	xxx 59	0 00 00	97 00 0	147 61	0 0 9 0 0	- - - 59	—					—
	Narayanganj	000 58	0 00 00	xx 00 1	120 74	0 0 9 0 0	9 x x 51	000 55	0 31 02	95 00 4	140 67	0 0 9 0 0	3 x x 57	+ 5	+ 2	0.7	- 0.4	89.5	74
	Mymensingh	000 59	0 00 00	99 00 0	175 74	0 0 9 0 0	- - - 79	000 57	0 00 00	98 00 0	157 64	0 0 9 0 0	- - - 54	+ 3	+ 1	3.0	+ 2.1	64.8	91
	Srimangal	000 55	5 00 00	xx 03 1	121 67	4 8 6 0 1	- - - 79	000 61	0 00 00	96 00 1	148 66	0 0 9 0 0	- - - 51	0	+ 4	1.9	+ 0.2	107.1	96
	Khulna	000 69	0 00 00	98 00 0	124 70	0 0 9 0 0	- - - 80	000 55	1 00 00	98 00 0	153 69	0 0 9 1 0	- - - 55	+ 3	+ 2	0.8	- 0.5	54.2	68
	Satkhira	000 60	3 0 00	97 01 1	123 72	2 5 7 5 0	- - - 80	000 49	3 31 02	97 03 1	143 68	2 5 7 5 0	- - - 52	+ 2	+ 1	0.7	- 1.3	45.8	65
	Jessore	000 59	0 00 00	xx 00 0	128 69	0 0 9 0 0	- - - 81	000 55	0 00 00	97 00 0	150 67	0 0 9 0 0	- - - 0			1.1	- 0.1	47.0	66
	Faridpur	000 54	0 00 00	95 05 0	123 74	0 0 9 0 0	9 x x 75	000 57	0 00 00	94 10 0	147 64	0 0 9 0 0	9 x x 54	+ 1	+ 2	1.5	+ 0.2	67.0	71
	Barisal							000 60	0 00 00	98 00 0	150 65	0 0 9 0 0	- - - 56		+ 2	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 61	0 00 00	xx 00 0	114 69	0 0 9 0 0	- - - 70	000 56	0 36 02	98 00 0	155 65	0 0 9 0 0	- - - 54	- 5	+ 2	3.3	+ 2.5	69.1	64
	Bogra	000 56	1 0 00	96 01 0	121 73	0 0 9 0 1	- - - 70	000 55	0 02 02	95 00 0	150 64	0 0 9 0 0	- - - 53	+ 4	0	2.0	+ 1.1	47.0	69
	Dinajpur	000 61	0 00 00	xx 00 0	128 68	0 0 9 0 0	- - - 80	000 52	0 00 00	96 00 0	165 63	0 0 9 0 0	- - - 45	+ 5	- 1	0.6	+ 0.1	49.2	72
	Rangpur	000 xx	0 00 00	xx 00 1	— —	0 0 9 0 0	- - - —	000 xx	0 00 00	98 00 1	— —	0 0 9 0 0	- - - —			1.2	- 0.7	80.4	64
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 53	3 00 00	96 01 0	130 79	0 0 9 0 3	0 2 0 75	000 48	4 00 00	95 04 0	135 50	0 0 9 4 0	- - - 50	+ 8	+10	0.4	0	10.5	12
	Lahore	000 52	2 00 00	56 01 0	130 70	0 0 9 0 1	- - - 75	000 51	7 00 00	96 01 1	137 53	0 0 9 5 0	7 8 4 51	+ 5	+12	1.3	+ 0.8	16.0	19
	Sialkot	000 54	4 00 00	97 03 1	132 68	1 1 6 1 0	- - - 72	000 50	7 00 00	97 03 1	134 55	7 2 6 0 0	- - - 52	+ 5	+11	1.9	+ 1.1	20.7	32
	Jhelum	000 51	2 00 00	96 03 1	xxxxx	1 1 6 2 0	- - - 72	000 49	7 00 00	97 02 6	138 53	2 5 7 7 0	3 8 5 51	—		1.9		28.8	—
	Rawalpindi	000 52	4 00 00	98 01 1	130 64	0 0 9 3 0	- - - 73	000 46	5 00 00	96 01 1	138 48	0 0 9 3 0	- - - 46	+ 9	+ 9	2.3	+ 0.9	28.0	36
	Murree †	005 35	8 09 03	96 53 6	952 40	8 9 3 - -	8 x x 42	019 29	8 11 05	97 03 9	940 35	8 5 5 - -	9 x x 32	+ 4	- 1	3.3	+ 0.9	45.4	59
	Attock	xxx xx	6 00 00	97 00 0	— —	0 0 9 2 1	- - - —	xxx xx	8 00 00	96 00 0	— —	0 0 9 2 0	- - - —	—	—				—
	Khushab	000 53	2 0 00	99 01 1	130 70	2 5 6 0 0	- - - 75	000 50	6 29 05	99 03 1	146 52	6 0 8 6 0	- - - 50	+ 7	+10	0.7	+ 0.2	8.7	15
	Montgomery	000 56	3 00 01	96 01 1	124 73	0 0 9 3 2	9 6 0 75	000 51	1 00 00	96 01 1	132 53	0 0 9 3 0	7 x 0 52	+ 6	+11	1.1	+ 0.8	7.2	10
	Leiah	000 72	0 13 02	97 00 1	126 71	0 0 9 0 0	- - - 74	000 47	1 00 00	97 01 1	138 53	0 0 9 0 3	- - - 50			0.4	—	6.9	8
	Multan	000 50	4 36 02	97 01 1	126 72	0 0 9 7 0	9 0 9 74	000 42	0 36 02	96 00 0	138 65	0 0 9 0 0	- - - 52	+ 5	+ 4	0	- 0.3	6.9	7
	Khanpur	000 49	1 34 03	97 05 0	121 75	0 0 9 0 1	0 9 x 78	000 44	0 34 03	9 10 0	139 46	0 0 9 0 0	- - - 45	+ 5	+ 4	0.1	- 0.1	2.1	4
	Bahawalpur	000 55	0 00 00	97 00 1	123 73	0 0 9 0 0	4 0 0 77	000 45	1 00 00	96 00 0	134 47	0 0 9 0 8	0 9 0 47	+ 6	+ 6	0.1	- 0.1	45.6	6
	Fort Abbas	000 61	0 23 02	96 00 0	125 74	0 0 9 0 0	- - - 80	000 39	0 05 02	96 00 0	129 50	0 0 9 0 0	- - - 45		—	1.3		5.0	8
N. W. F. P.	Drosh *	008 36	8 00 00	94 61 6	017 41	8 7 7 - -	8 x x 47	038 33	8 00 00	97 02 6	022 36	5 6 5 2 -	3 x 8 35	- 1	+ 4	2.9	—	25.5	18
	Chakdara	000 47	0 00 00	98 03 1	122 60	6 3 4 0 0	8 x x 62	019 40	7 36 03	99 03 1	158 48	7 0 5 7 0	4 x 5 43		—	1.5		21.8	—
	Cherat *	000 48	8 30 09	97 02 2	053 53	0 0 9 2 0	0 6 x 51	000 38	8 40 13	98 03 2	992 45	8 0 5 7 0	- - - xx	0	—	2.9	+ 1.1	31.7	29
	Peshawar	000 49	6 34 03	96 17 9	186 61	6 9 6 0 0	- - - 68	000 41	7 18 03	96 02 2	156 48	1 5 7 9 2	1 5 0 47	+ 4	+ 7	0.9	- 0.1	10.0	14
	Parachinar	000 23	7 18 02	96 02 2	948 48	3 2 6 6 6	2 9 9 54	000 23	5 00 00	99 52 1	039 34	2 2 7 6 3	2 0 0 32	+ 3	+ 3	1.3	-	20.9	29
	Miranshah	000 54	2 11 05	99 00 0	980 62	0 0 9 0 0	- - - 64	000 29	7 25 09	97 03 2	991 50	7 4 6 6 0	- - - 49		—	0.5	- 0.2	11.0	13
	Bannu	000 39	0 36 02	99 00 0	134 67	0 0 9 0 0	- - - 70	000 25	6 31 02	99 01 2	148 53	0 0 9 0 8	- - - 51	—	—	0.5		6.3	11
	D. I. Khan	000 53	2 00 00	96 01 0	128 69	0 0 9 0 1	0 6 x 74	000 35	0 31 02	96 00 0	116 54	0 0 9 0 0	- - - 42	+ 5	+ 3	0	- 0.4	2.8	9
	Wana																		11
	Landikotal	000 42	5 00 00	99 06 2	982 52	5 9 5 0 0	1 0 0 54	000 34	8 00 00	99 00 0	992 39	8 5 6 0 0	- - - 38		—	0.9	—	12.8	—
	Hangu	xxx xx	4 27 02	99 03 1	— —	0 0 9 6 0	8 x 6 —	xxx xx	8 00 00	99 03 1	—	0 0 9 4 0	- - - —	—	—	-	—		—
	Thal	xxx xx	0 18 09	99 00 0	— —	0 0 9 0 0	- - - —	xxx xx	x 00 00	98 03 2	— —		- - - —	—	—	-	-		—
BALUCHISTAN	Fort Sandeman*	000 19	4 36 05	97 02 1	993 56	1 7 7 4 0	8 x x 59	000 19	0 09 02	98 02 5	017 37	0 0 9 0 0	- - - 35	+ 2	+ 6	0.8	- 0.8	10.8	11
	Hindubagh	000 32	3 27 02	98 03 0	938 45	0 0 9 0 2	- - - 49	000 27	0 09 05	98 01 0	949 32	0 0 9 0 0	- - - 31			0		9.0	—
	Loralai	000 33	0 00 00	96 00 1	991 55	0 0 9 0 0	- - - 58	000 15	0 27 05	97 00 0	020 35	0 0 9 0 0	- - - 31	—		0.9	—	19.4	—
	Harnai (a)	xxx xx	3 13 05	95 00 0	— —	1 0 8 2 1	- - - —	000 xx	0 13 02	96 00 0	— —	0 0 9 0 0	- - - —			0.3	- 0.6	10.9	14
	Sibi	000 26	0 27 05	98 00 0	131 76	0 0 9 0 0	- - - 78	000 30	0 31 06	98 00 0	147 60	0 0 9 0 0	- - - 52			0		3.8	5
	Quetta †	000 22	0 21 05	99 00 6	957 44	0 0 9 0 0	- - - 46	000 27	2 05 02	98 01 0	965 29	0 0 9 4 0	- - - 28			0.4	- 0.8	9.7	6
	Chaman	000 35	0 00 00	97 00 0	989 42	0 0 9 0 0	- - - 42	000 31	0 31 02	97 0 0	050 36	0 0 9 0 0	- - - 33	- 11	- 1	0.8	- 0.8	10.3	8
	Nushki	000 41	0 29 05	96 00 0	073 49	0 0 9 0 0	- - - 50	000 29	0 23 01	96 00 0	128 32	0 0 9 0 0	- - - 29		—	0.4		5.8	—
	Dalbandin *	000 59	2 07 10	94 07 1	084 64	2 8 7 0 0	- - - 56	000 34	1 05 03	95 03 1	645 37	1 8 . 0 0	- - - 36	- 7	+ 4	0.2	- 0.5	2.1	1
	Nokkundi	000 35	3 20 02	99 03 1	186 59	0 0 9 0 5	9 0 x 60	000 29	2 05 02	99 03 0	248 41	0 0 9 0 5	- - - 37			0.9		1.9	2
	Kalat †	000 28	0 36 05	99 00 0	976 40	0 0 9 0 0	- - - 43	000 21	0 00 00	99 00 0	981 24	0 0 9 0 0	- - - 23	- 8	- 8	0.9	- 0.2	10.7	7
	Turbat	000 45	4 05 05	98 02 1	xxx 70	0 0 9 0 4	8 1 0 78	000 40	0 13 05	98 00 0	xxx 61	0 0 9 0 0	- - - 58			0		1.4	—
	Panjgur *	000 37	7 05 10	97 03 1	018 54	0 0 9 0 4	9 6 0 55	000 32	2 05 03	97 03 1	082 47	0 0 9 2 0	9 6 0 36	- 9	- 1	0	—	3.2	5
	Las Bela	000 54	0 23 02	99 00 0	128 88	0 0 9 0 0	- - - 87	000 49	0 00 00	98 00 0	161 59	0 0 9 0 0	- - 53			0	—	1.7	8
	Ormara																		6
	Pasni																		6
	Jiwani																		4
SIND	Beti	000 40	0 36 05	96 00 0	124 77	0 0 9 0 0	- - - 78	000 37	0 36 02	96 00 0	136 44	0 0 9 0 0	- - - 41	—	—	0	—	0.2	—
	Jacobabad	000 37	1 31 02	97 02 1	125 78	0 0 9 0 1	- - - 80	000 23	1 31 02	97 03 0	133 53	0 0 9 0 1	- - - 52	+ 8	+ 8	0	- 0.2	0.7	4
	Sukkur	000 48	1 xx xx	96 01 1	128 74	0 0 9 0 4	6 7 x 77	000 36	1 xx xx	96 02 1	138 51	0 0 9 0 8	9 6 x 50	—		0	-	1.0	4
	Padidan	000 49	1 00 00	98 01 1	127 77	0 0 9 0 1	- - - 77	000 45	2 00 00	98 01 1	139 48	0 0 9 0 1	- - - 46	—	-	0	-	0.9	—
	Karachi (*Manora*)	000 57	3 25 09	99 01 1	127 78	0 0 9 0 1	0 9 x 80	000 59	4 02 05	96 01 1	136 64	0 0 9 0 1	0 0 x 62	+ 4	+ 4	0.1	- 0.2	1.7	8
	Karachi (*A. P.*)	000 54	3 23 12	98 02 1	125 75	0 0 9 0 1	- - - 80	000 4	4 00 00	96 03 1	142 5	0 0 9 0 1	- - - 54	—		0		3.4	—
	Badin	000 48	0 31 03	97 00 0	126 84	0 0 9 0 0	- - - 87	000 53	0 23 02	97 00 0	140 98	0 0 9 0 0	- - - 56	+10	+ 7	0.9	+ 0.6	7.6	9
	Nagarparkar																		—
	Chhor (*Umarkot*)	000 58	0 00 00	97 00 0	116 82	0 0 9 0 0	- - - 84	000 53	0 00 00	97 00 0	138 56	0 0 9 0 0	- - - 52		—	0	—	2.8	—
	Hyderabad	000 52	1 34 02	97 01 1	122 80	0 0 9 0 1	- - - 84	000 51	1 00 00	95 01 1	133 56	0 0 9 0 1	- - - 51	+ 7	0	0	- 0.1	2.0	7
Junagarh	Veraval																		31
Afghanistan	Kabul	000 10	3 35 03	99 01 1	976 44	1 3 6 2 0	- - - 50							—					13
	Jalalabad	000 34	5 00 00	97 03 1	011 45	1 3 6 8 0	- - - 67	000 34	4 00 00	97 02 1	015 47	0 0 9 4 0	9 x 9 36	—	—	0.3	—	7.3	—
	Kandahar	000 39	2 00 00	98 01 1	022 50	0 0 9 4 0	- - - 58	000 36	8 00 00	97 03 1	040 37	0 0 9 2 0	- - - 32	—	—	0	—	10.5	—

See footnote on page 2

P.T.O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 29th DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_t hC_u C_m$	$W_1D_sD_wT_zT_z$	At 0300 Hrs. G. M. T. of date. RRR $T_zT_zT_d$	Ndd ff	VVwwW	PPPTT	$N_hC_tHC_uC_m$	$W_1D_sD_wT_nT_n$	Departures from Normal T_xT_x	T_nT_n	Rainfall. Since 1st May, 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
Arabia	Muscat	—	000 55	0 31 09	99 00 1	168 71	0 0 0 0 0	— — — 72	—	—	—	—	—	— 5	[illegible]	— [illegible]	—	—	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 35	7 00 00	07 00	0225 00	0 4 0 0 8	— — — 00	—	—	—	—	—	—	—	—	—	—	5

* Barometer readings reduced to 1 geodynamic Kilometre (8,550-8,856 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10,069 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0900 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_t hC_u C_m$	$D_s v_s$ app	3 $N_s Ch_s h_s$	0 $T_s T_s T_d T_d$	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ozarda ...	63 116	758 18	0 00 00	98 00 2	035 82	00 9 00	3 4 300	—	—	—
Ozarda ...	63 121	751 12	7 00 00	98 02 2	095 85	00 × 15	3 4 310	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTnoXsXs	PiPihhhi	TxTiTdiTdiTxi etc.	hhhiPaPiPi	TiTiTdiTdiTxi etc.
1	2	3	4	5	6	7	8	9
Karachi —	750 14	019 22	183 00	000 38	221 41	854 91	155 41	700 26

STATION	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi —	087 27	969 12	969 97	901 39	899 97	856 26	819 00	770 19	466 00	136 37	425 00	489 00	474 00	719 94	79. 59	989 97	

PPP—Pressure in thousands, tens and units of millibars. PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	21[illegible] G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra —	35 08	33 08	32 05	32 06	31 28	29 62	—	—	—	—	33 07	33 05	31 05	30 05	—	—	28 05	28 05	31 24	30 00	31 10	29 40	—	—
Chhor —	36 02	36 04	25 06	25 08	25 27	25 55	26 54	—	—	—	—	—	—	—	—	—	25 08	25 09	29 10	31 07	30 21	29 27	—	—
Chittagong —	06 01	00 02	04 04	30 06	33 18	31 29	25 33	—	—	—	34 06	35 04	36 03	29 06	30 17	27 24	27 06	35 03	03 03	03 04	29 13	29 25	28 40	—
Cox's Bazar —	33 06	34 05	05 04	30 05	31 07	31 22	40 42	—	—	—	36 06	36 05	32 05	27 03	28 11	—	31 07	34 01	33 07	35 27	29 09	30 23	—	—
Dacca —	35 06	31 02	30 05	30 06	—	—	—	—	—	—	31 00	31 00	31 07	35 22	28 13	—	31 08	04 02	31 05	34 07	30 22	28 15	28 03	—
Dalbandin —	—	—	06 00	05 12	32 07	31 13	27 35	—	—	—	—	—	37 12	08 13	10 06	25 33	—	—	37 00	05 13	01 9	31 37	—	—
Drosh —	—	—	—	—	23 04	22 13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	04 02	0 06	—	—
Fort Sandeman —	—	—	—	37 05	21 06	24 23	26 38	—	—	—	—	—	—	—	—	—	—	30 01	35 02	29 20	27 43	27 43	—	25 61
Faisalabad —	01 03	35 03	35 04	01 08	37 06	33 14	36 35	27 56	27 00	27 96	35 17	34 09	30 05	28 09	28 10	28 31	34 13	33 09	36 00	37 06	29 18	29 13	28 39	—
Jhelum —	20 04	27 04	25 05	16 08	21 07	29 12	35 10	35 32	35 40	—	03 04	33 03	25 04	35 08	24 11	27 13	36 08	35 09	35 02	01 08	25 01	26 15	25 41	23 38
Jiwani —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi —	25 08	25 09	28 07	27 10	26 17	28 27	28 31	27 00	—	—	29 13	29 11	30 02	29 14	29 25	27 44	29 06	29 07	31 13	29 27	25 12	25 34	26 77	—
Khanpur —	31 03	30 02	07 05	32 06	25 13	28 25	25 33	27 72	—	—	30 34	29 30	27 04	26 05	27 10	27 34	36 07	35 09	34 07	34 38	34 13	35 19	—	—
Lahore —	28 05	27 06	27 07	27 06	28 06	21 06	23 15	35 45	35 53	36 67	29 34	27 34	27 04	25 26	25 29	25 17	30 32	34 05	34 04	33 09	33 02	33 04	33 13	—
Multan —	07 06	07 7	08 05	18 06	21 06	22 15	28 28	—	—	—	28 28	11 32	14 02	24 08	24 24	—	31 17	01 03	35 30	34 35	34 09	35 16	—	—
Peshawar —	—	10 01	07 05	15 03	17 6	31 19	20 17	—	—	—	—	02 08	05 09	19 01	31 10	27 05	—	27 06	29 05	32 12	34 17	34 07	—	—
Quetta —					29 13	26 06	27 38	26 61	26 73	—	—	—	No	ascent	—	—	—	—			33 10	31 23	—
Bushire —			—			—					—	—			—						—	—	—	—
Sharjah —			—			—																		

Cloud Observation Data (iiiGG Cddv, v,)

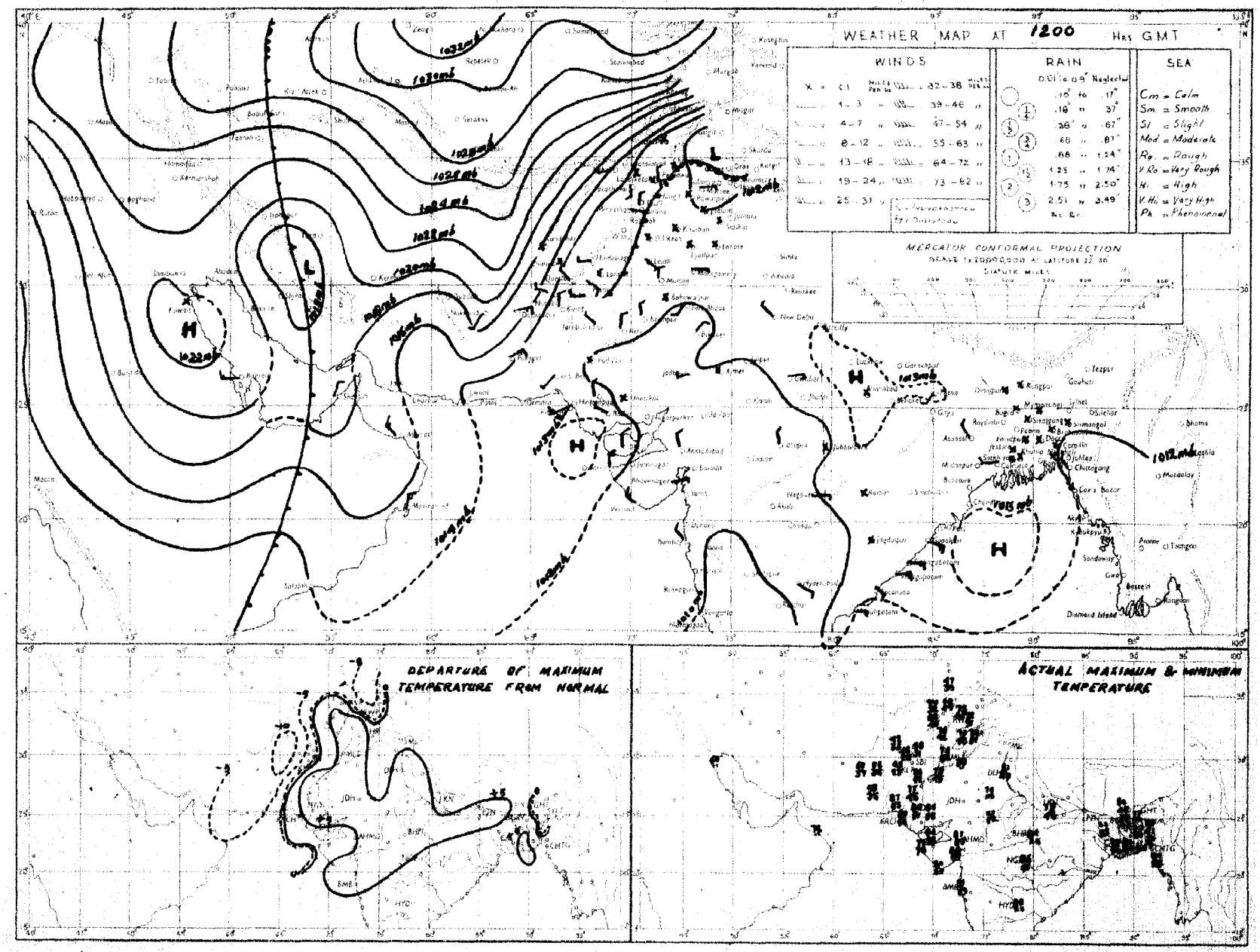
Peshawar 53068 41911
Jhelum 57809 13620

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.5 0.6 0.8 1.0 1.5 2.1 3.0 4.5 6.0 7.5 and 9.0 km. The levels given at 100 mbs. of the [illegible] are the nearest equivalent [illegible] in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

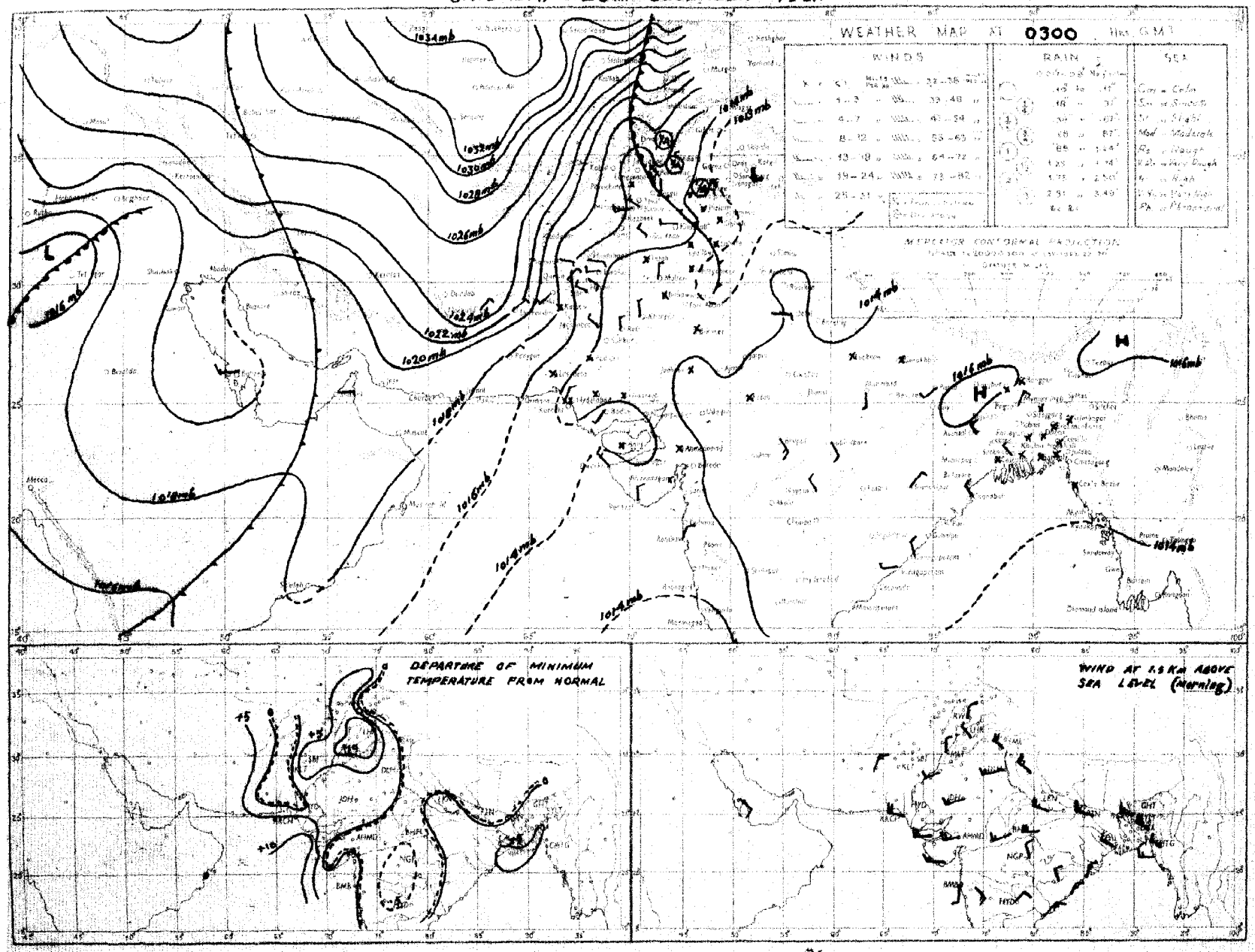
FRIDAY 28th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 3 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 29th DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR SUNDAY, THE 30th DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

Yesterday's western disturbance has moved eastwards and now lies over southeast Iraq and adjoining Iran.

Local rain/thundershowers have occurred in the north Punjab with scattered showers in the upper North-West Frontier Province, Murree reporting ¼" of rain.

Night temperatures were generally appreciably below normal in north Baluchistan and appreciably above normal in the Punjab.

Forecast valid until the evening of 31st:—Scattered rain/thundershowers will occur in Kashmir, the adjoining upper North-West Frontier Province and the extreme north Punjab. Temperatures are likely to fall further appreciably over West Pakistan outside Sind.

Karachi-11.
The 30th December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_tD_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date: $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_tD_HD_MT_nT_n$	Departure from Normal: T_xT_x	T_nT_n	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 61	1 00 00	95 01 1	115 71	0 0 9 0 1	4 0 × 80	000 50	1 00 00	97 01 1	154 70	0 0 9 0 1	2 0 × 56	+ 2	0	1.3	- 2.9	122.7	140
	Chittagong	000 58	0 34 02	96 00 1	109 70	0 0 9 0 0	- - - 79	000 59	0 00 00	97 00 0	152 69	0 0 9 0 0	- - - 57	+ 2	+ 2	0.3	- 2.5	134.8	108
	Noakhali	000 59	0 00 00	92 42 0	××× 71	0 0 9 0 0	- - - 79	000 57	0 00 00	94 40 4	××× 67	0 0 9 0 0	- - - 54	+ 1	- 3	0.7	- 1.1		115
	Comilla	000 61	0 00 00	96 00 0	121 73	0 0 9 0 0	- - - 79	000 57	0 13 02	98 00 0	118 62	0 0 9 0 0	- - - 55	+ 2	+ 2	1.4	- 0.2	132.6	94
	Brahmanbaria	000 55	0 00 00	×× 00 0	122 71	0 0 9 0 0	- - - 82	000 56	0 23 02	97 00 0	151 68	0 0 9 0 0	- - - 56			0.9	- 3.5	66.4	78
	Dacca	000 56	0 00 00	×× 00 0	108 68	0 0 9 0 0	- - - 81	000 59	0 00 00	96 28 4	147 67	0 0 9 0 0	2 × × 50	—	—				—
	Narayanganj	000 56	0 00 00	×× 00 0	107 71	0 0 9 0 0	9 × × 81	000 54	0 73 02	95 00 1	142 70	0 0 9 0 0	3 × × 57	+ 5	+ 2	0.7	- 0.4	89.5	74
	Mymensingh	000 61	0 00 00	99 00 0	125 74	0 0 9 0 0	- - - 73	000 55	0 00 00	97 00 0	149 63	0 0 9 0 0	- - - 53	+ 2	0	3.0	+ 2.1	64.8	91
	Srimangal	000 61	2 00 00	×× 01 1	113 63	2 2 6 0 0	- - - 79	000 61	0 00 00	96 00 1	150 65	0 0 9 0 0	- - - 48	0	+ 1	1.9	+ 0.2	107.1	98
	Khulna	000 57	0 00 00	98 00 0	116 67	0 0 9 0 0	- - - 81	000 61	0 00 00	97 00 4	152 68	0 0 9 0 0	2 × × 56	+ 4	+ 3	0.8	- 0.5	54.2	68
	Satkhira	000 59	3 00 00	97 03 1	118 71	2 5 7 5 1	- - - 80	000 63	18 02	97 01 4	149 66	2 5 7 0 0	- - - 56	+ 2	+ 5	0.7	- 1.3	45.3	65
	Jessore	000 56	0 00 00	×× 00 1	116 61	0 0 9 0 0	- - - 80	000 49	0 00 00	97 00 0	147 52	0 0 9 0 0	- - - 56			1.1	- 0.1	47.0	65
	Faridpur	000 59	0 00 00	95 05 0	113 69	0 0 9 0 0	9 × × 70	000 59	0 00 00	94 10 0	148 65	0 0 9 0 0	9 × × 54	- 4	+ 2	1.5	+ 0.3	67.0	71
	Barisal	000 59	0 00 00	97 00 1	109 72	0 0 9 0 0	- - - 79	000 59	0 00 00	98 00 0	149 65	0 0 9 0 0	- - - 55	+ 3	+ 1	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 61	0 00 00	×× 00 0	120 68	0 0 9 0 0	- - - 69	000 56	0 36 02	98 00 0	153 65	0 0 9 0 0	- - - 53	- 6	+ 1	3.3	+ 2.5	69.1	64
	Bogra	000 56	1 00 00	90 01 0	111 73	0 0 9 0 1	- - - 79	000 59	0 00 00	96 00 0	144 63	0 0 9 0 0	- - - 52	+ 4	- 1	2.0	+ 1.1	47.0	69
	Dinajpur	000 61	0 00 00	×× 00 0	128 68	0 0 9 0 0	- - - 79	000 53	0 00 00	96 00 0	151 62	0 0 9 0 0	- - - 47	+ 4	+ 2	0.6	+ 0.7	49.2	72
	Rangpur	000 ××	0 00 00	×× 00 1	— —	0 0 9 0 0	- - - —	000 ××	0 09 02	98 00 1	— —	0 0 9 0 0	- - - —	—		1.2	+ 0.7	80.4	84
KASHMIR	Srinagar †																		—
	Gulmerg † †																		—
	Sonamerg (a)																		—
	Dras †																		—
	Leh †																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 41	2 25 04	96 01 0	103 67	0 0 9 0 2	- - - 73	000 40	0 00 00	91 40 4	159 41	0 0 9 0 0	2 × × 40	+ 6	0	0.4	0	10.5	12
	Lahore	000 51	7 00 00	56 03 1	095 71	4 2 8 3 0	7 × 5 73	000 47	0 00 00	94 10 9	154 47	0 0 9 0 0	9 × × 45	+ 3	+ 6	1.3	+ 0.8	16.0	19
	Sialkot	000 52	6 31 04	97 02 1	106 61	4 2 6 4 0	- - - 68	015 42	1 05 02	98 01 1	152 49	1 2 6 0 0	- - - 47	+ 1	+ 6	2.5	+ 1.6	20.8	32
	Jhelum	004 49	6 00 00	96 95 5	120 55	8 8 6 - -	5 × × 55	006 41	1 00 00	96 01 5	174 43	0 0 9 3 0	9 × × 41	—	—	1.9		25.7	
	Rawalpindi	000 39	3 00 00	99 20 5	123 53	0 0 9 3 0	3 × × 56	000 39	2 00 00	98 01 1	173 41	0 0 9 1 0	- - - 37	- 8	0	2.3	+ 0.6	28.0	30
	Murree †	032 23	7 09 02	97 02 7	918 32	5 9 4 5 0	2 × 4 42	032 22	1 09 03	98 01 1	932 27	0 0 9 8 0	9 × 0 25	- 4	- 3	5.6	+ 1.1	48.7	59
	Attock							××× ××	0 00 00	96 00 0	— —	0 0 9 0 0	— —		—				
	Khushab	000 47	2 02 09	99 01 1	109 63	2 2 6 0 0	- - - 71	000 41	0 05 01	99 00 1	163 46	0 0 9 0 0	- - - 43	+ 3	+ 3	0.6	+ 0.1	8.6	15
	Montgomery	000 58	1 00 00	96 01 1	095 57	0 0 9 3 0	7 × 0 75	000 36	0 31 09	96 00 0	158 46	0 0 9 0 0	- - - 44	+ 6	+ 3	1.1	+ 0.8	7.2	10
	Leiah	000 34	0 03 00	97 00 0	115 73	0 0 9 0 0	- - - 74	000 44	0 31 07	97 00 0	173 48	0 0 9 0 0	- - - 45		—	0.4	—	6.9	8
	Multan	000 46	0 09 00	97 00 0	109 69	0 0 9 0 0	- - - 74	000 32	8 36 05	95 01 1	156 47	0 0 9 7 0	9 0 7 43	+ 5	+ 2	0	- 0.3	6.9	7
	Khanpur	000 50	0 31 02	97 00 0	111 74	0 0 9 0 0	- - - 74	000 38	× 34 03	97 19 0	151 44	0 0 9 2 5	0 0 9 41	+ 5	0	0.1	- 0.1	2.1	6
	Bahawalpur	000 45	0 00 00	97 00 0	110 71	0 0 9 0 0	1 0 0 75	009 39	6 00 00	99 03 0	147 44	0 0 9 0 5	9 6 0 44	+ 4	+ 3	0.1	- 0.2	45.6	6
	Fort Abbas	000 59	0 23 02	96 00 0	106 72	0 0 9 0 0	- - - 75												6
N. W. F. P.	Drosh *							000 26	5 00 00	98 03 1	002 33	0 0 9 4 0	- - - 32		—	2.9	—	25.5	18
	Chakdara	000 43	3 00 00	98 01 1	097 57	0 0 9 1 8	9 5 × 61	000 38	5 00 00	98 03 1	163 40	5 9 4 0 0	2 × × 38	—	—	1.5	—	21.8	—
	Cherat *	000 23	2 20 04	98 00 2	998 42	0 0 9 0 2	0 0 0 50	000 19	7 00 00	98 03 2	995 37	7 2 5 2 0	0 8 9 31	- 1	—	2.9	+ 1.0	31.7	20
	Peshawar	000 33	2 13 02	97 01 1	111 63	1 1 7 3 0	8 × 5 67	000 37	4 23 02	97 03 1	173 39	2 8 7 0 0	- - - 38	+ 3	- 2	0.9	- 0.1	10.0	14
	Parachinar	000 18	2 27 04	99 00 1	918 46	1 1 8 3 0	2 × 8 52	000 21	0 36 02	99 00 1	924 31	0 0 9 0 0	8 × × 28	+ 1	- 1	1.8	—	29.9	29
	Miranshah	000 32	0 25 02	97 00 0	945 60	0 0 9 0 0	- - - 62	000 28	0 26 09	98 18 0	998 47	0 0 9 0 0	- - - 47		—	0.5	- 0.2	11.0	13
	Bannu	000 32	0 27 02	99 00 0	121 68	0 0 9 0 0	- - - 70	000 31	0 18 02	99 00 0	187 43	0 0 9 0 0	- - - 43	—	—	0.5		4.8	11
	D. I. Khan	000 28	0 31 02	97 00 0	118 68	0 0 9 0 0	- - - 81	000 31	0 00 00	94 00 0	162 44	0 0 9 0 0	- - - 42	- 1	+ 8	0	- 0.4	2.8	9
	Wana																		
	Landikotal	000 23	0 31 05	99 00 1	957 52	0 0 9 0 0	- - - 54	000 23	2 00 00	99 02 0	934 32	2 8 6 0 0	- - - 29		—	0.9	—	12.8	11
	Hangu	××× ××	2 13 02	99 01 1	— —	0 0 9 4 0	8 × 0 —	××× ××	4 27 02	99 01 1	— —	0 0 9 0 4	9 0 × —	—	—	—	—	—	—
	Thull	××× ××	2 00 09	95 00 0	— —	1 8 2 0 0	0 0 0 —	××× ××	0 00 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman *	000 14	0 23 05	97 05 0	984 63	0 0 9 0 0	- - - 55	000 12	0 00 00	98 00 0	018 36	0 0 9 0 0	- - - 32	- 2	+ 3	0.3	- 0.3	10.3	13
	Hindubagh	000 31	1 09 05	98 00 0	935 40	0 0 9 0 1	- - - 45	000 33	0 27 02	98 00 0	934 35	0 0 9 0 0	- - - 30	—	—	0		9.9	—
	Loralai	000 23	0 31 09	96 00 0	968 52	0 0 9 0 0	- - - 58	000 22	× 31 02	96 08 0	004 34	1 8 6 0 0	- - - 29	—		0.9	—	19.4	—
	Harnai (a)	××× ××	0 09 13	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 13 02	96 00 0	— —	0 0 9 0 0	- - - —	—	—	0.3	—	10.9	14
	Sibi	000 23	0 27 13	98 00 0	128 71	0 0 9 0 0	- - - 73	000 23	0 36 05	98 00 0	157 54	0 0 9 0 0	- - - 53	—	—	0	—	5.8	5
	Quetta †	000 18	2 31 07	99 01 1	959 39	0 0 9 3 0	- - - 42	000 27	0 00 09	98 44 0	957 26	0 0 9 0 0	- - - 35	—	—	0.4	- 0.9	9.7	9
	Chaman	000 26	0 28 03	97 00 0	007 42	0 0 9 0 0	- - - 46	000 23	0 09 02	97 07 0	048 32	0 0 9 0 0	- - - 30	- 7	- 4	0.3	- 0.3	10.3	8
	Nushki	000 26	0 29 05	97 00 0	058 51	0 0 9 0 0	- - - 62	000 24	0 09 02	96 00 0	090 33	0 0 9 0 0	- - - 29		—	0.4	—	5.8	—
	Dalbandin *	000 25	0 09 05	96 00 0	045 54	0 0 9 0 0	- - - 55	000 27	2 00 00	96 03 0	040 34	0 0 9 2 0	- - - 23	- 8	- 9	0.2	- 0.5	2.1	4
	Nokkundi	000 21	2 34 09	99 03 1	206 55	0 0 9 0 5	9 0 × 57	000 24	4 05 02	99 03 0	248 37	0 0 9 0 5	- - - 37	—	—	0.9	—	1.9	2
	Kalat †	000 27	0 31 05	99 00 0	978 25	0 0 9 0 0	- - - 39	000 16	0 00 00	99 00 0	978 22	0 0 9 0 0	- - - 20	- 12	- 6	0.9	- 0.3	10.7	7
	Turbat	000 26	0 05 09	97 00 0	××× 74	0 0 9 0 0	- - - 74	000 28	0 05 05	98 00 0	××× 56	0 0 9 0 0	- - - 54		—	0	—	1.4	—
	Panjgur *	000 29	1 36 12	97 08 1	017 68	0 0 9 0 1	2 6 0 54							- 1					5
	Las Bela	000 34	0 32 06	99 00 0	118 80	0 0 9 0 0	- - - 84	000 29	0 22 02	98 00 0	154 52	0 0 9 0 0	- - - 45	—	—	0	—	1.7	8
	Ormara																		6
	Pasni																		6
	Jiwani																		4
SIND	Keti	000 21	0 27 07	98 00 0	126 76	0 0 9 0 0	- - - 77	000 20	0 27 03	96 00 0	146 36	0 0 9 0 0	- - - 36	—	—	0	—	9.2	—
	Jacobabad	000 24	1 31 07	98 02 1	125 73	0 0 9 0 1	- - - 76	000 22	3 00 00	96 03 1	152 50	0 0 9 7 0	- - - 49	+ 4	+ 5	0	- 0.2	0.7	4
	Sukkur	000 43	2 24 04	96 08 1	120 74	0 0 9 0 3	8 6 × 77	000 36	2 ×× ××	96 02 1	153 48	0 0 9 0 3	9 0 × 45	—	—	0	—	1.8	4
	Padidan	000 43	1 00 00	98 01 1	129 75	0 0 9 0 1	- - - 75	000 35	0 00 00	98 00 0	157 42	0 0 9 0 0	- - - 39	—	—	0	—	0.9	—
	Karachi (Manora)	000 47	0 29 09	95 05 0	119 77	0 0 9 0 0	- - - 81	000 46	0 02 05	96 00 0	150 60	0 0 9 0 0	- - - 59	+ 5	+ 1	0.1	- 0.1	1.7	8
	Karachi (A. F.)	000 32	0 29 09	95 05 1	117 80	0 0 9 0 0	- - - 82	000 39	0 36 05	98 00 0	153 51	0 0 9 0 0	- - - 49	—	—	0	—	3.0	—
	Badin	000 44	0 36 02	97 00 0	124 81	0 0 9 0 0	- - - 86	000 42	0 36 02	97 00 0	164 54	0 0 9 0 0	- - - 50	+ 9	+ 1	0.9	+ 0.5	7.8	9
	Nagarparkar																		
	Chhor (Umarkot)	000 67	0 31 03	97 00 0	119 79	0 0 9 0 0	- - - 83	000 43	0 00 00	97 00 0	155 51	0 0 9 0 0	- - - 46	—	—	0	—	2.2	—
	Hyderabad	000 51	0 36 03	97 00 0	120 76	0 0 9 0 0	- - - 81	000 47	0 00 00	95 05 0	165 49	0 0 9 0 0	- - - 49	+ 4	- 2	0	- 0.1	2.0	7
Junagarh	Veraval																		20
Afghanistan	Kabul																		12
	Jalalabad	000 23	1 27 02	97 01 1	108 63	0 0 9 7 0	2 × 9 63	000 24	2 00 00	97 08 1	— 45	0 0 9 6 0	- - - 40	—	—	0.3	—	7.2	—
	Kandahar	000 33	0 23 05	98 00 1	026 47	0 0 9 0 0	- - - 51	000 27	1 00 00	97 01 0	023 30	0 0 9 0 2	- - - 26	—	—	0	—	10.5	—

See footnote on page 2

P.T.O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 30th DECEMBER, 1961

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_1D_MT_1T_1$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_1D_MT_1T_1$	Departure from Normal T_1T_1	T_dT_d	Rainfall Since 1st Nov. 61 to date	Departure from normal	Since 1st Jan. 61 to date	Actual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
Arabia	Muscat	—	000 57	0 31 02	99 00 1	163 72	0 0 9 0 0	- - - 75	000 56	8 27 02	99 01 1	170 68	0 0 9 2 0	- - - 68	- 4	0	2.3	+ 1.2	5.0	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	—	000 46	8 18 05	96 40 2	152 61	0 0 9 0 7	- - - 62	—	—	—	—	—	—	—	—	—	—	—	3

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,350 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,500-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,000-10,000 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$D_s v_s$ app	S $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Masimpur	73 192	656 06	7 00 00	93 03 9	167 76	58.5 60	—	—	—	—
City of Calcutta	78 224	630 06	1 85 18	93 02 0	170.75	11 × 00	1 5 302	—	0 52 63	—
Canton	73 169	632 06	8 01 15	99 02 2	167 78	85 4 ××	2 6 30×	—	0 41 42	1 02 22
Canton	72 174	664 18	2 03 14	99 02 2	141 25	85 4 00	2 6 304	—	0 54 64	1 02 22
City of Calcutta	73 257	652 13	1 85 05	99 02 0	149 74	00 9 08	1 5 304	—	0 52 63	—
City of Calcutta	73 231	648 12	2 85 10	99 02 0	135 74	00 9 08	1 5 316	—	0 52 57	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODB :—		iiiGG		PoPoPoToTo		TdoTdoTxoX1X2			P1P2h1h1h1		T1T1Td1Td1Tx1 etc.				5555	h1h1P1P1P1			T1T1Td1Td1Tx1 etc.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	780 15	011 21	071 60	000 87	200 37	854 95	155 29	700 81	126 69	549 25	549 97	555 55	559 00	190 24	668 70	146 58	456 00	039 94	494 00	789 00					

PPP—Pressure in hundreds, tens and units of millibars, PP—Pressure in hundreds, and tens of millibars. hhh—Height in thousands, hundreds and tens of feet.
hh—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	21 03	22 05	23 05	25 07	28 24	28 40	—	—	—	—	31 02	25 04	24 05	—	—	—	13 04	10 18	21 10	25 17	30 23	30 30	—	—
Chhor	33 03	31 05	30 05	29 12	25 24	28 41	—	—	—	—							03 11	03 05	22 04	30 15	29 19	29 35	26 41	—
Chittagong	27 03	×× ××	×× ××	26 07	29 15	29 28	—	—	—	—	34 11	33 06	25 04	25 05	27 17	25 16	03 05	01 05	25 03	29 15	27 17	27 21	—	—
Cox's Bazar	34 12	26 03	26 09	29 07	28 11	29 25	—	—	—	—	01 10	35 07	35 06	34 09	28 30	25 24	02 03	01 04	03 10	25 15	26 19	28 22	—	—
Dacca	30 03	31 06	—	31 13	28 27	28 35	29 61	—	—	—	28 03	29 06	29 07	29 17	27 18	—	33 03	31 06	22 07	28 14	29 20	29 25	—	—
Dalbandin	—	—	07 03	33 05	33 10	30 26	29 64	28 86	—	—	—	—	07 14	01 07	34 11	25 17	—	—	07 03	11 03	25 11	30 15	26 53	—
Drosh	—	—	—	—	06 05	01 10	14 09	—	—	—	—	—	—	01 01	44 08	31 07	—	—	—	—	01 02	01 06	22 07	—
Fort Sandeman	—	—	—	29 02	26 06	30 32	29 43	—	—	—							—	—	—	11 03	11 03	32 13	—	—
Jacobabad	33 18	33 15	33 16	34 17	31 15	31 32	29 45	28 64	29 05	25 33	34 21	32 13	30 13	30 13	05 18	29 30	35 17	34 14	33 09	33 09	33 13	29 30	27 35	—
Jhelum	32 11	32 14	32 13	31 07	21 06	—	—	—	—	—	36 06	30 10	11 30	06 03	30 11	03 07	34 06	15 03	13 04	06 04	36 06	34 13	25 24	29 24
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	35 03	34 04	24 06	32 14	29 27	29 35	29 58	27 53	28 73	25 33	31 03	31 09	11 03	27 04	33 13	31 21	30 03	26 03	30 06	30 10	29 19	30 25	25 35	—
Khanpur	35 04	34 06	34 03	31 17	30 22	28 19	28 43	29 06	—	—	34 13	33 11	32 07	30 04	28 13	29 23	—	—	—	—	—	—	—	—
Lahore	—	—	—	—	—	—	—	—	—	—	13 05	33 03	33 03	33 06	33 07	34 13	03 04	31 03	06 06	33 06	33 06	30 16	27 14	25 27
Multan	—	—	—	—	—	—	—	—	—	—	10 13	15 07	33 07	34 17	27 15	25 13	34 04	16 01	05 01	04 04	14 06	34 15	30 04	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—	33 15	33 04	27 06	36 13	40 03	—	33 14	33 10	01 06	34 14	30 21	—	—
Quetta	—	—	—	—	30 08	27 03	—	—	—	—	—	—	No	ascent	—	—	—	—	—	—	36 06	01 06	—	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v,)

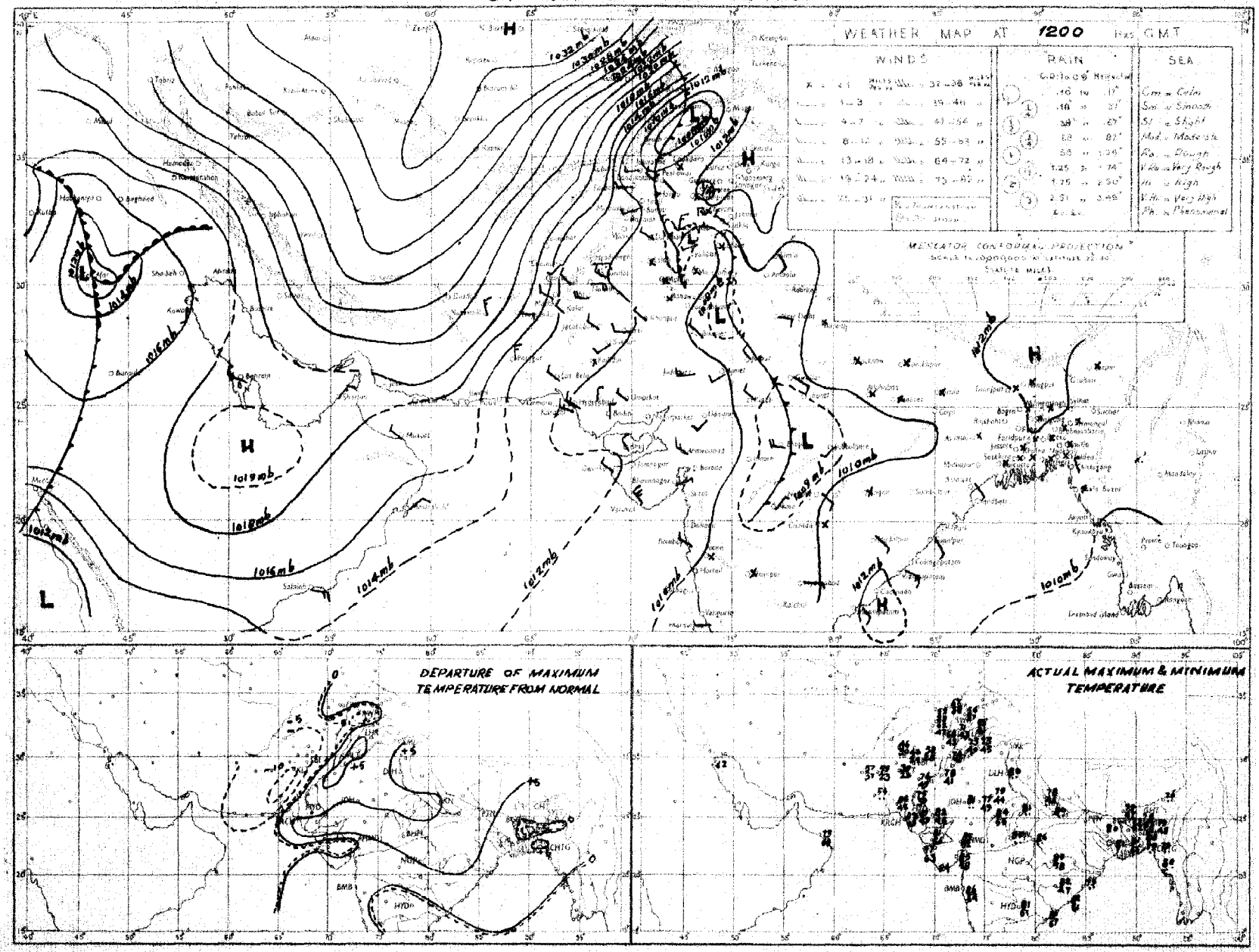
Multan 07506 .02423
Drosh 41302 41300

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observation may vary within half an hour of the specified time.
†The correct levels to which the upper winds relate are 0.2 0.5, 0.8, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the column are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

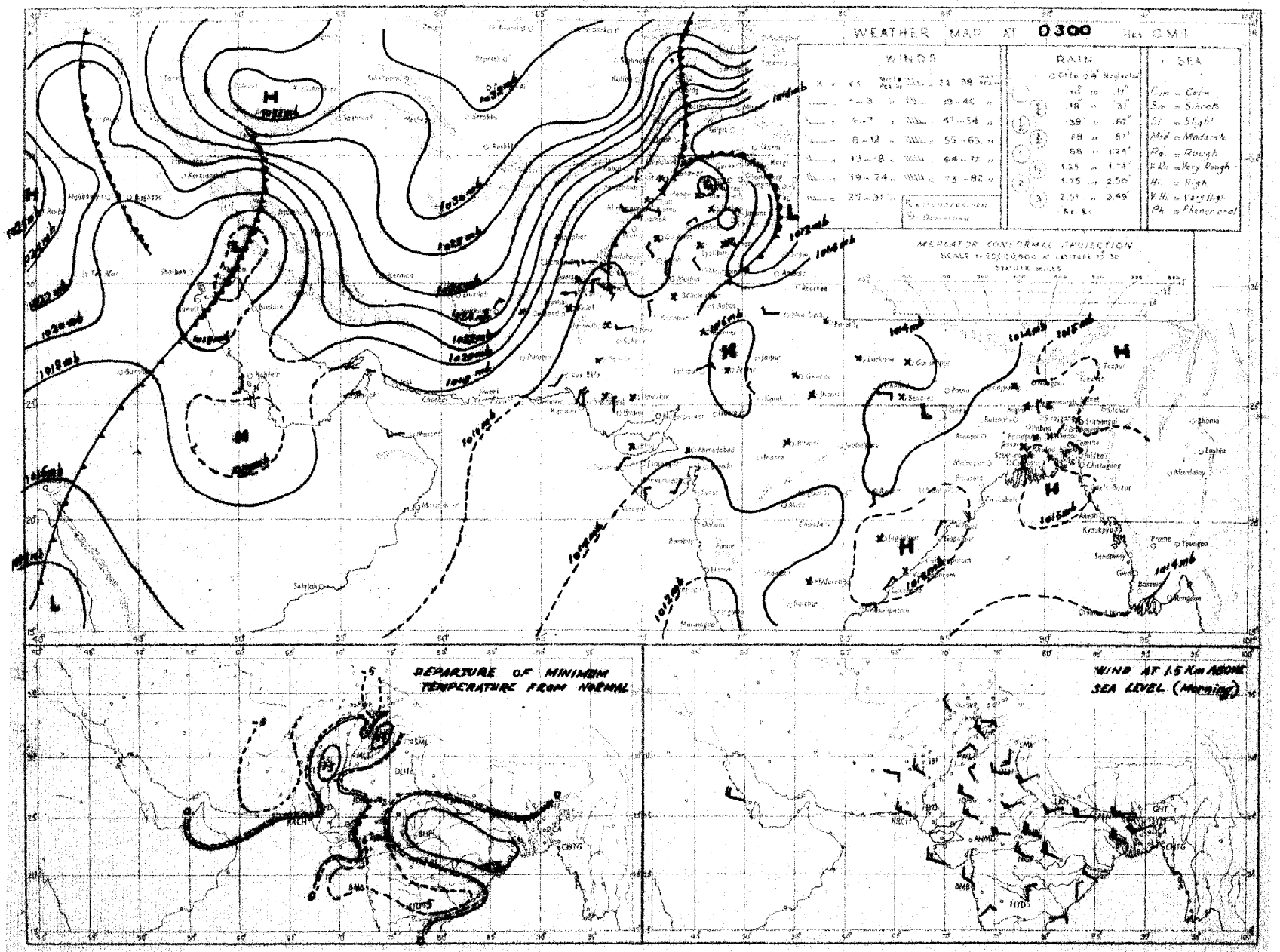
SATURDAY 29th DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 30th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

Pages 1—2

Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1647

FOR MONDAY THE 31st DECEMBER, 1951

(Published by the authority of the Government of Pakistan).

Summary of observations recorded at 0300 hrs. G. M. T.

MAY 9

The western disturbance over southeast Iraq has moved eastwards and now lies as a shallow low over south Iran. Isolated snowfall has been reported from the extreme north Punjab and the upper North-West Frontier Province. Night temperatures were appreciably below normal in Baluchistan.

Forecast valid until the evening of 1st:—Scattered rain/snowfall will occur in Kashmir, the adjoining upper North-West Frontier Province and the extreme north Punjab. Cloudy weather will prevail in north Baluchistan and the lower North-West Frontier Province.

Karachi-11.
The 31st December, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_s$D$_M$T$_x$T$_x$	RRRT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$C$_L$h C$_M$C$_H$	W$_t$D$_s$D$_M$T$_n$T$_n$	T$_x$T$_x$	T$_n$T$_n$	Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	000 59	0 00 00	95 00 1	123 72	0 0 9 0 0	- - - 79	000 58	0 00 00	97 00 0	152 68	0 0 9 0 0	- - - xx	+ 1	–	1.3	- 3.0	122 7	140
	Chittagong	000 58	0 31 02	96 00 0	119 70	0 0 9 0 0	- - - 79	000 59	0 02 02	97 00 0	152 6	0 0 9 0 0	- - - 56	+ 2	0	0.3	- 2.6	134.8	108
	Noakhali	000 58	0 00 00	92 46 0	xxx 70	0 0 9 0 0	- - - 79	000 63	0 00 00	94 40 4	xxx 65	0 0 9 0 0	- - - 57	- 1	–	0 7	- 1.1	-	115
	Comilla	000 58	0 00 00	96 00 0	115 72	0 0 9 0 0	- - - 79	000 60	0 00 00	98 00 0	147 65	0 0 9 0 0	- - - 55	+ 2	+ 2	1.4	- 0.2	132.6	94
	Brahmanbaria	000 50	0 00 00	xx 00 0	118 72	0 0 9 0 0	- - - 80	000 63	6 00 00	97 03 1	159 69	6 4 5 0 0	- - - 59	–	–	0.9	- 0.5	66.4	78
	Dacca							xxx 68	1 00 00	95 28 4	150 65	2 7 4 0 0	3 x x 51		–		–	–	
	Narayanganj	000 60	0 00 00	xx 00 0	118 73	x x x x x	9 x x 81	000 64	x 20 02	95 01 2	143 72	x 0 6 4 0	6 x x 68	+ 5	+ 8	0.7	- 0.4	89.5	74
	Mymensingh							000 59	x 00 00	98 02 2	149 62	6 4 7 - -	- - - 52		- 1	3 0	+ 2.1	64.8	91
	Srimangal	000 60	0 00 00	xx 00 1	119 62	0 0 9 0 0	- - - 78	000 58	3 00 00	96 02 1	159 64	0 0 9 3 1	- - - 52	- 1	+ 5	1.9	+ 0.2	107.1	98
	Khulna	000 61	0 00 00	98 00 0	114 71	0 0 9 0 0	- - - 81	000 6.	0 13 02	98 00 0	152 70	0 0 9 0 0	- - - 59	+ 6	+ 6	0.8	- 0.6	54.2	68
	Satkhira	000 65	3 0 00	97 03 1	107 72	2 5 7 5 0	- - - 81							+ 3					65
	Jessore	000 62	0 00 00	xx 00 0	116 64	0 0 9 0 0	- - - x2	000 61	0 16 02	97 46 4	152 64	0 0 9 0 0	- - - 57			1.0	- 0 1	47 0	66
	Faridpur	000 61	0 00 00	95 05 0	113 71	0 0 9 0 0	9 x x 72	000 62	0 00 00	93 45 0	153 63	0 0 9 0 0	4 x x 57	- 2	+ 5	1.5	+ 0 2	67.0	71
	Barisal	000 60	0 00 00	97 00 0	113 73	0 0 9 0 0	- - - 80	000 64	0 00 00	98 05 0	161 68	0 0 9 0 0	- - - 59	+ 4	+ 5	1.2	- 0.6	74.7	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 57	0 00 00	xx 00 0	109 71	0 0 9 0 0	- - - 72	000 58	8 00 00	95 02 2	150 61	8 4 5 - -	- - - 55	- 3	+ 3	3.3	+ 2.5	60.1	64
	Bogra	000 56	0 27 02	96 00 0	104 73	0 0 9 0 .	- - - 80	000 59	2 05 02	94 10 4	155 62	0 0 9 0 1	2 0 x 53	+ 5	0	2.0	+ 1 1	47.0	69
	Dinajpur	000 61	0 00 00	xx 00 0	112 67	0 0 9 0 0	- - - 78	000 53	0 00 00	95 00 0	165 62	0 0 9 0 0	- - - 48	+ 3	- 1	0.6	+ 0 7	49.2	72
	Rangpur	000 xx	0 00 00	xx 00 1	— –	0 0 9 0 0	- - - —	000 xx	0 00 00	98 00 1	- —	0 0 9 0 0	- - - —			1.2	- 0.7	80.4	64
KASHMIR	Srinagar †																		–
	Gulmarg †																		–
	Sonamarg (a)																		–
	Dras †																		–
	Leh †																		–
	Skardu †																		–
	Gilgit *																		–
	Misgar																		–
	Aliabad																		–
PUNJAB	Lyallpur	000 43	5 29 02	96 02 0	123 64	0 0 9 4 0	0 0 2 69	000 45	6 20 02	95 02 3	146 49	0 0 9 2 0	0 0 2 40	- 2	0	0.4	0	10.5	12
	Lahore	000 46	4 00 00	96 03 0	127 64	0 0 9 3 0	0 x 9 69	000 50	7 00 00	96 02 2	146 53	0 0 9 7 0	- - - 47	- 1	+ 5	1.3	+ 0.7	16.0	19
	Sialkot	000 49	2 00 00	97 03 1	121 6	2 1 0 0 0	- - - 65	000 48	7 31 02	96 03 1	140 50	2 1 6 6 3	- - - 49	- 2	+ 8	2.6	+ 1.6	20.8	32
	Jhelum	000 46	2 00 00	98 01 1	135 60	1 1 7 3 0	- - - xx	000 39	8 31 02	97 03 1	146 50	0 0 9 2 0	- - - 42		–	1.9		28.7	
	Rawalpindi	000 42	2 00 00	99 00 1	135 56	0 0 9 2 0	- - - 62	000 39	5 00 00	96 05 2	160 42	0 0 9 3 4	3 x x 40	- 2	+ 3	2 3	+ 0.7	28.0	36
	Murree †	016 21	5 05 07	98 02 7	929 32	5 9 4 0 0	3 x x 39	016 21	8 11 05	97 03 1	925 30	8 5 5 - -	9 x x 26	- 7	- 7	3.8	+ 1.2	45.9	59
	Attock	xxx xx	0 36 09	97 00 0	— –	0 0 9 0 0	- - - —	xxx xx	2 00 00	95 00 0	— –	0 0 9 0 0	- - - —		–	–			–
	Khushab	000 45	4 23 02	99 03 1	129 65	0 0 9 3 0	- - - 69	000 41	2 20 02	99 03 1	165 48	2 0 5 4 0	- - - 44	+ 1	+ 4	0.6	+ 0.8	8.6	15
	Montgomery	000 54	2 23 08	96 01 1	127 65	0 0 9 3 0	3 x 0 68		3 00 00	96 01 1	153 48			- 1					10
	Leiah	000 35	5 00 00	97 08 1	135 66	0 0 9 0 4	- - - 70	000 37	0 81 02	96 00 1	147 55	0 0 9 0 3	- - - 45		–	0.2	–	6.9	8
	Multan	000 34	8 09 02	97 01 1	130 67	0 0 9 7 0	9 0 9 69	000 92	0 36 02	96 10 0	143 43	0 0 9 0 0	9 x x 45	0	+ 4	0	- 0.3	6.9	7
	Khanpur	000 56	4 02 03	97 01 0	128 71	0 0 9 0 8	0 9 x 73	000 34	0 02 02	97 00 0	140 47	0 0 9 0 0	- - - 42	0	+ 1	0.1	- 0.1	2.1	6
	Bahawalpur	000 44	4 05 02	97 01 1	121 66	0 0 9 0 2	9 6 0 70	000 41	0 13 02	96 00 0	141 50	0 0 9 0 0	- - - 44	- 1	+ 3	0.1	- 0.2	45.6	6
	Fort Abbas	000 59	0 28 02	96 00 0	126 72	0 0 9 0 0	- - - 75	000 43				0 0 9 0 0	- - - 45	–	–	1.3	–	5.0	8
N. W. F. P.	Drosh *	005 26	7 00 00	94 03 7	013 38	7 7 4 0 0	4 x x 41	005 09	0 00 00	99 00 1	078 31	0 0 9 0 0	- - - 30	- 10	- 1	2.9	–	25.6	18
	Chakdara	000 50	4 23 05	98 03 1	133 55	4 3 4 0 0	9 x x 59	000 33	2 05 03	98 08 0	168 38	0 0 9 0 9	0 5 x 37	–	–	1.5	–	21.8	
	Cherat *	000 17	0 30 16	97 00 2	007 45	0 0 9 0 0	0 3 x 46	000 19	0 30 14	97 00 0	001 41	0 0 9 0 0	- - - 40	- 5	0	2.9	+ 0 9	31.7	20
	Peshawar	000 38	2 00 00	98 01 1	153 56	1 1 7 3 1	- - - 62	000 27	2 16 02	97 01 1	160 41	0 0 9 0 1	- - - 38	- 2	- 2	0 9	- 0.1	10.0	14
	Parachinar	000 18	2 18 04	99 01 1	923 47	0 0 9 3 0	2 x 7 49	000 25	1 05 02	99 01 1	919 30	0 0 9 3 0	8 x 5 27	- 2	- 2	1.3		29.9	13
	Miranshah	000 29	8 11 03	97 03 2	979 54	0 0 9 5 6	- - - 60	000 27	0 00 00	99 00 0	981 40	0 0 9 0 0	- - - 38			0.5	- 0.3	11.0	13
	Bannu	000 28	2 05 05	99 03 0	131 62	0 0 9 0 3	- - - 62	000 34	0 27 02	99 00 0	161 48	0 0 9 0 0	- - - 43	–	–	0.5		6.3	11
	D. I. Khan	000 38	4 00 00	97 03 0	133 65	0 0 9 0 4	0 6 x 65	000 38	0 00 00	98 00 0	152 47	0 0 9 0 0	- - - 42	- 4	+ 3	0	- 0 4	2.8	
	Wana																		11
	Landikotal	000 22	3 00 00	99 02 1	978 49	8 4 6 1 0	- - - 52							–					–
	Hangu	xxx xx	4 00 00	99 01 1	- –	0 0 9 4 0	8 x 0 —	xxx xx	0 00 00	99 00 1	— –	0 0 9 0 0	- - - –	–	–	–	–	–	–
	Thall	xxx xx	0 28 09	99 00 0	— –	0 0 9 0 0	- - - —	xxx xx	0 09 09	99 00 0	— –	0 0 9 0 0	- - - —	–	–	–	–		–
BALUCHISTAN	Fort Sandeman *	000 19	7 00 00	97 02 1	982 49	6 7 6 4 0	2 x x 52	000 19	1 00 00	98 01 0	998 37	0 0 9 4 0	- - - 33	- 5	+ 4	0.3	- 0.3	10.3	11
	Hindubagh	000 39	8 27 05	97 03 1	947 41	8 7 7 0 0	- - - 50	000 28	0 27 02	98 00 0	935 30	0 0 9 0 0	- - - 29	–	–	0	–	9.0	
	Loralai	000 18	7 00 00	96 03 1	971 49	0 0 9 5 0	- - - 51	000 18	0 27 05	96 00 1	993 34	0 0 9 0 0	- - - 33	–	–	0.9	–	19.4	–
	Harnai (a)	xxx xx	5 12 05	95 08 2	-	3 0 8 5 3	- - - —	000 xx	0 13 02	96 00 0	— –	0 0 9 0 0	- - - —		–	0.3	- 0.7	10.9	14
	Sibi	000 21	3 00 00	99 03 0	115 69	0 0 9 7 0	1 5 x 73	000 13	0 31 06	98 00 0	144 59	0 0 9 0 0	- - - 53	–	–	0	–	3.8	5
	Quetta †	000 23	7 34 07	98 02 2	935 40	0 0 9 5 0	- - - 43	000 31	1 02 03	98 01 1	938 31	0 0 9 3 0	- - - 30	–	–	0.4	- 0.9	9.7	8
	Chaman	000 29	3 05 02	97 08 1	016 39	8 2 6 - -	8 x x 41	000 27	0 00 00	97 00 0	040 30	0 0 9 0 0	- - - 30			0.8	- 0.8	10.3	8
	Nushki	000 19	6 29 03	97 01 0	041 52	0 0 9 0 1	- - - 54	000 23	5 31 01	96 01 0	110 37	0 0 9 4 0	- - - 34	- 12	- 4	0.4	–	5.8	–
	Dalbandin *	000 21	1 09 05	96 03 1	010 53	0 0 9 4 0	- - - 54	000 27	1 07 02	96 03 0	038 30	1 1 7 0 0	- - - 29	–	–	0.2	- 0.5	2.1	4
	Nokkundi	000 25	2 34 02	99 03 1	165 57	0 0 9 0 5	9 6 x 58	000 21	2 34 13	99 03 0	285 40	0 0 9 0 1	0 0 x 36	- 9	- 8	0.9	–	1.9	2
	Kalat †	000 23	0 31 05	99 00 0	779 42	0 0 9 0 0	- - - 51	000 16	0 00 00	99 00 0	965 22	0 0 9 0 0	- - - 21	0	- 5	0 9	- 0.2	10.7	7
	Turbat	000 54	0 31 05	98 00 0	xxx 77	0 0 9 0 0	- - - 77	000 32	0 05 05	98 00 0	xxx 58	0 0 9 0 0	- - - 55	–		0	–	1.4	–
	Panjgur *	000 27	4 36 05	97 03 1	984 60	0 0 9 2 0	9 0 4 62	000 23	1 05 05	97 03 0	018 35	0 0 9 0 1	x 4 0 32	- 2	- 5	0	–	3 2	5
	Las Bela	000 22	0 32 02	99 00 0	118 81	0 0 9 0 0	- - - 82	000 49	0 00 00	98 00 0	151 59	0 0 9 0 0	- - 45	–		0	–	1.7	8
	Ormara																		6
	Pasni																		6
	Jiwani																		4
SIND	Reti	000 23	0 09 03	96 00 0	119 72	0 0 9 0 0	- - - 75	000 35	0 36 02	96 00 0	152 40	0 0 9 0 0	- - - 38	–	–	0	–	9.2	–
	Jacobabad	000 24	1 29 03	99 03 0	117 73	0 0 9 0 1	- - - 76	000 28	0 34 02	96 00 0	152 47	0 0 9 0 0	- - - 44	+ 4	0	0	- 0.2	0.7	4
	Sukkur	000 39	0 xx xx	96 00 1	114 71	0 0 9 0 0	6 x x 75	000 38	0 xx xx	96 00 0	146 45	0 0 9 0 0	- - - 42	–		0	–	1.0	4
	Padidan	000 31	0 00 00	98 00 0	117 74	0 0 9 0 0	- - - 72	000 32	0 00 00	96 00 0	141 42	0 0 9 0 0	- - - 41	–	–	0	–	0.9	–
	Karachi (*Manora*)	000 52	0 23 09	99 00 0	112 75	0 0 9 0 0	- - - 79	000 52	3 36 05	99 01 1	138 42	0 0 9 0 1	0 0 x 60	+ 3	+ 2	0.1	- 0.2	1 7	3
	Karachi (*A. F.*)	000 40	0 18 07	97 00 0	113 76	0 0 9 0 0	- - - 80	000 46	1 36 02	98 08 0	142 54	0 0 9 0 1	- - - 51	–	–	0		3 9	–
	Badin	000 45	0 05 02	97 00 0	113 80	0 0 9 0 0	- - - 84	000 37	3 60 02	97 00 0	147 51	0 0 9 0 0	- - - 49	+ 7	0	0.9	+ 0 5	7.8	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 62	0 00 00	97 00 0	104 77	0 0 9 0 0	- - - 79	000 45	0 00 00	97 00 4	141 50	0 0 9 0 0	- - - 48	–	–	0	–	2.3	–
	Hyderabad	000 45	0 16 02	97 00 0	114 77	0 0 9 0 0	- - - 79	000 33	0 36 02	96 00 0	140 53	0 0 9 0 0	- - - 49	+ 2	- 2	0	- 0.2	2.0	7
Junagadh	Veraval																		31
Afghanistan	Kabul	000 15	2 02 02	99 01 1	033 28	0 0 9 0 1	- - - 43	000 10	0 16 02	99 00	980 25	0 0 9 0 0	- - - 21	–	–	0.4	–	11.0	12
	Jalalabad							000 21	1 23 02	97 01 1	017 37	0 0 9 7 0	3 x 9 30	–	–	0.3	–	7.3	–
	Kandahar	000 16	7 00 00	98 02 1	005 42	0 0 9 5 0	- - - 44	000 26	0 00 00	97 00 0	010 26	0 0 9 0 0	- - - 25	–	–	0	–	10.5	–

See footnote on page 2

P.T.O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 31st DECEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VV ww W	PPPTT	$N_h C_h hC_m C_m$	$W_1 D_s D_m T_s T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VV ww W	PPPTT	$N_h C_h hC_m C_m$	$W_1 D_s D_m T_s T_x$	Departure from Normal T_x T_x	R_h T_x	Rainfall: Since 1st Nov. 51 to date	Departure from normal	Since 1st Jan. 51 to date	Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Chabbar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jask	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
	Meshed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
	Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14
Arabia	Muscat	000 62	0 34 02	96 00 0	149 72	0 0 0 0 0	— — — 77	000 62	7 27 02	99 01 1	179 71	7 2 7 0 0	— — — 67	0	− 1	2 3	+ 1.2	5.0	4
	Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
	Kuwait	000 61	1 30 07	97 00 0	196 57	0 0 9 0 1	— — — 58	—	—	—	—	—	—	—	—	—	—	—	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,350 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 8 geodynamic Kilometre (10,049-10,060 feet according to latitude).
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the same date.
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central, Air Port, KARACHI-11.

(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports From Ships

SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_h hC_m C_m$	$D_s v_s$ app	S N_s C_h h_s	O $T_s T_s T_d T_d$	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bingu	13 155	795 06	4 98 06	98 02 1	186 26	00 9 08		—		—
Canton	13 185	700 06	7 91 09	99 02 2	142 30	00 9 70	2 6 700	—	0 00 04	1 92 21
Devoncity	13 177	729 12	4 88 03	98 02 0	192 81	00 9 05	—	—	—	—
Gadarpur	13 169	6-7 09	7 00 09	99 03 2	142 73	81 5 09	—	—	—	—
Devoncity	13 167	721 06	8 00 00	98 03 0	127 80	00 9 06	—		—	—
Falganga	13 184	737 06	5 90 00	98 02 0	128 78	8× 9 01	—	8 4 306	0 00 80	1 00 20
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°) of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_oP_oP_oT_oT_o$	$T_dT_oT_{so}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_d1T_d1T_{x1}$ etc.	5555	$h_1h_1P_1P_1P_1$	$T_1T_1T_d1T_d1T_{x1}$ etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 14	069 20	107 60	000 34	206 84	854 90	155 72	700 23	096 22	900 17
	589 94	555 85	889 00	176 34	668 00	185 85	446 00	949 10	695 45	999 90
	184 00	409 91	80	59	779 94					

PPP—Pressure in hundreds, tens and units of millibars. PP—Pressure in tens and units of millibars. hhh—Height in thousands, hundreds and tens of feet.
ah—Height in thousands, and hundreds of feet.

Upper Air Data (Hddff)*

STATION	At 0900 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	At 0300 hrs. G. M. T. of date ‡ Height in Thousands of Feet ‡ 1	2	3	5	7	10	15	20
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Bogra	25 08	24 07	23 08	28 23	19 23	23 26	—	—	—	—	97 04	27 00	22 23	—	—	—	23 06	24 06	27 07	27 10	26 22	—	—	—
Dhaka	02 01	35 03	33 06	27 11	27 17	26 25	27 42	27 60	—	—	03 11	03 11	01 12	24 13	22 20	—	31 08	30 11	30 15	31 17	30 19	29 25	—	—
Chittagong	33 03	35 04	03 03	22 15	30 16	27 36	—	—	—	—	01 11	01 11	02 12	23 13	23 21	28 23	02 14	03 13	04 13	24 15	22 19	27 20	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	25 16	23 12	24 10	30 11	30 27	26 21	03 11	02 10	02 11	24 17	26 17	27 21	—	—
Dacca	24 11	24 07	26 10	29 16	30 27	28 42	—	—	—	—	—	—	07 06	04 05	31 10	29 18	24 08	25 06	24 06	25 16	26 24	26 35	—	—
DaBandin	—	—	09 04	02 04	29 09	27 34	28 45	—	—	—	—	—	—	19 01	04 07	01 10	—	—	06 01	23 05	23 04	31 05	—	—
Drosh	—	—	—	—	25 08	29 08	—	—	—	—	—	—	—	—	—	—	—	—	—	03 03	01 10	11 05	23 10	50 44
Fort Sandeman	—	—	—	27 04	29 07	30 27	28 49	27 77	27 83	27 94	—	—	—	—	—	—	—	—	—	31 04	31 04	28 05	31 29	—
Jacobabad	34 05	35 03	35 07	30 05	27 08	27 27	27 51	27 57	27 82	33 16	03 08	03 04	35 02	27 06	27 09	29 11	03 05	35 05	34 08	31 09	30 09	33 11	31 30	—
Jhelum	12 01	02 02	02 04	16 04	31 05	25 02	24 02	26 51	28 55	—	31 08	30 08	32 07	34 07	37 08	19 12	31 08	34 11	33 04	14 01	19 06	10 11	29 11	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	11 02	09 02	28 07	27 13	27 19	27 29	27 49	28 71	27 82	27 90	29 17	30 13	30 14	32 31	30 32	29 44	24 11	01 13	01 13	35 13	32 35	36 40	37 00	00 60
Khanpur	36 08	35 05	32 11	24 22	28 23	27 23	28 39	—	—	—	35 12	04 09	01 07	35 35	35 15	36 32	03 09	03 09	35 07	33 13	33 21	29 19	32 36	—
Lahore	36 03	31 04	31 04	31 04	33 03	33 15	28 32	28 64	28 01	—	33 08	33 07	31 07	37 05	28 04	30 04	35 08	30 07	36 01	37 03	29 04	27 03	34 18	—
Multan	07 04	07 09	07 08	31 07	25 13	29 25	24 35	27 64	—	—	08 10	03 05	35 05	03 09	34 11	27 10	03 11	01 10	33 13	28 09	33 03	27 18	37 37	29 33
Peshawar	—	06 03	35 07	33 18	29 08	16 07	29 15	28 50	—	—	—	31 03	34 06	34 07	33 13	35 10	—	04 04	36 01	03 03	33 11	34 04	39 04	37 15
Quetta	—	—	—	—	26 04	28 18	—	—	—	—	—	—	No	ascent	—	—	—	—	—	—	30 12	30 07	—	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v,)

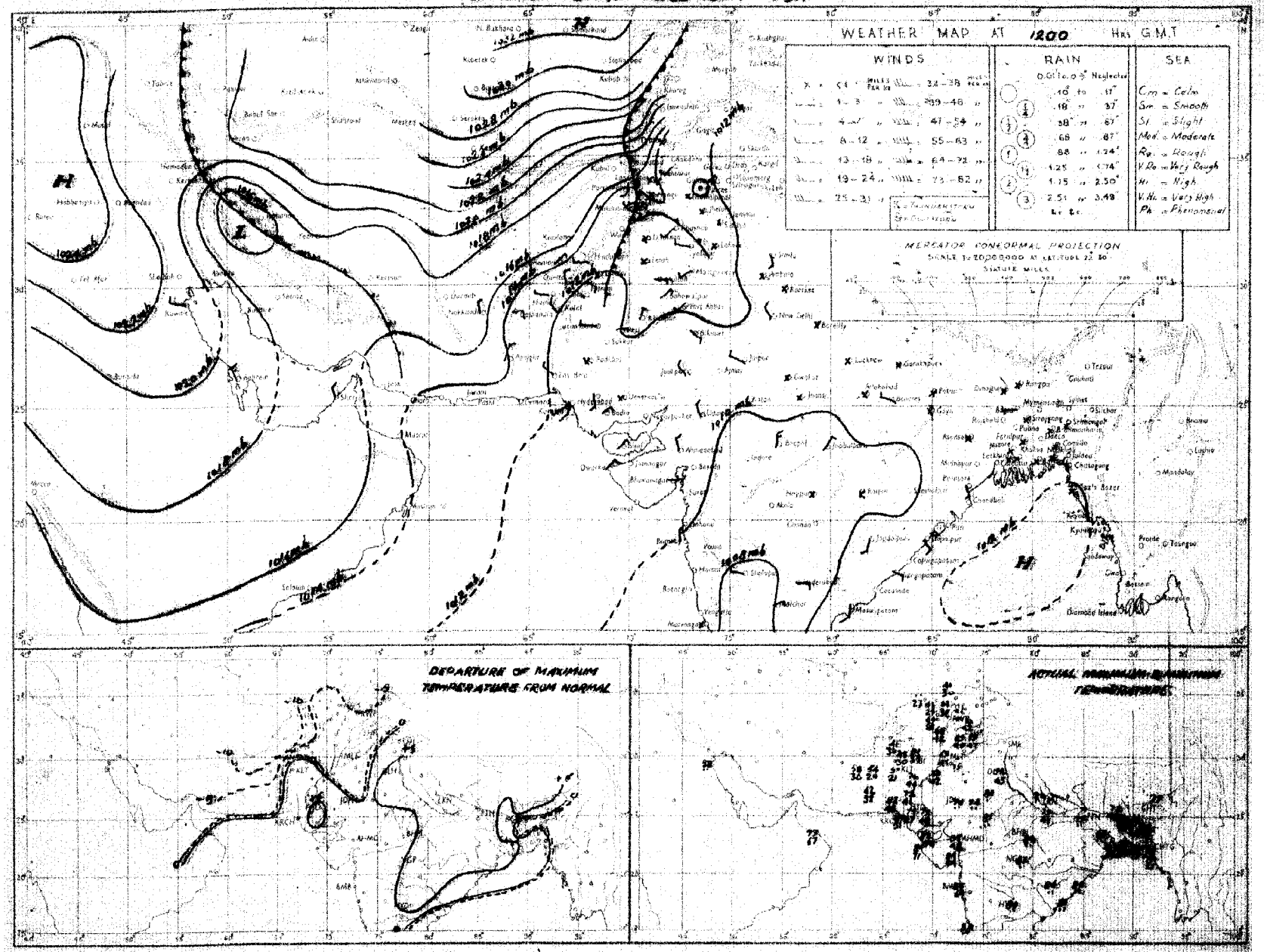
Quetta 36098 33813

*Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
‡The actual time of observations may vary within half an hour of the specified time.
‡The correct levels to which the upper winds relate are 0.5 0.6, 0.9, 1.5, 2.1 3.0, 4.5, 6.0, 7.5, and 9.0, km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

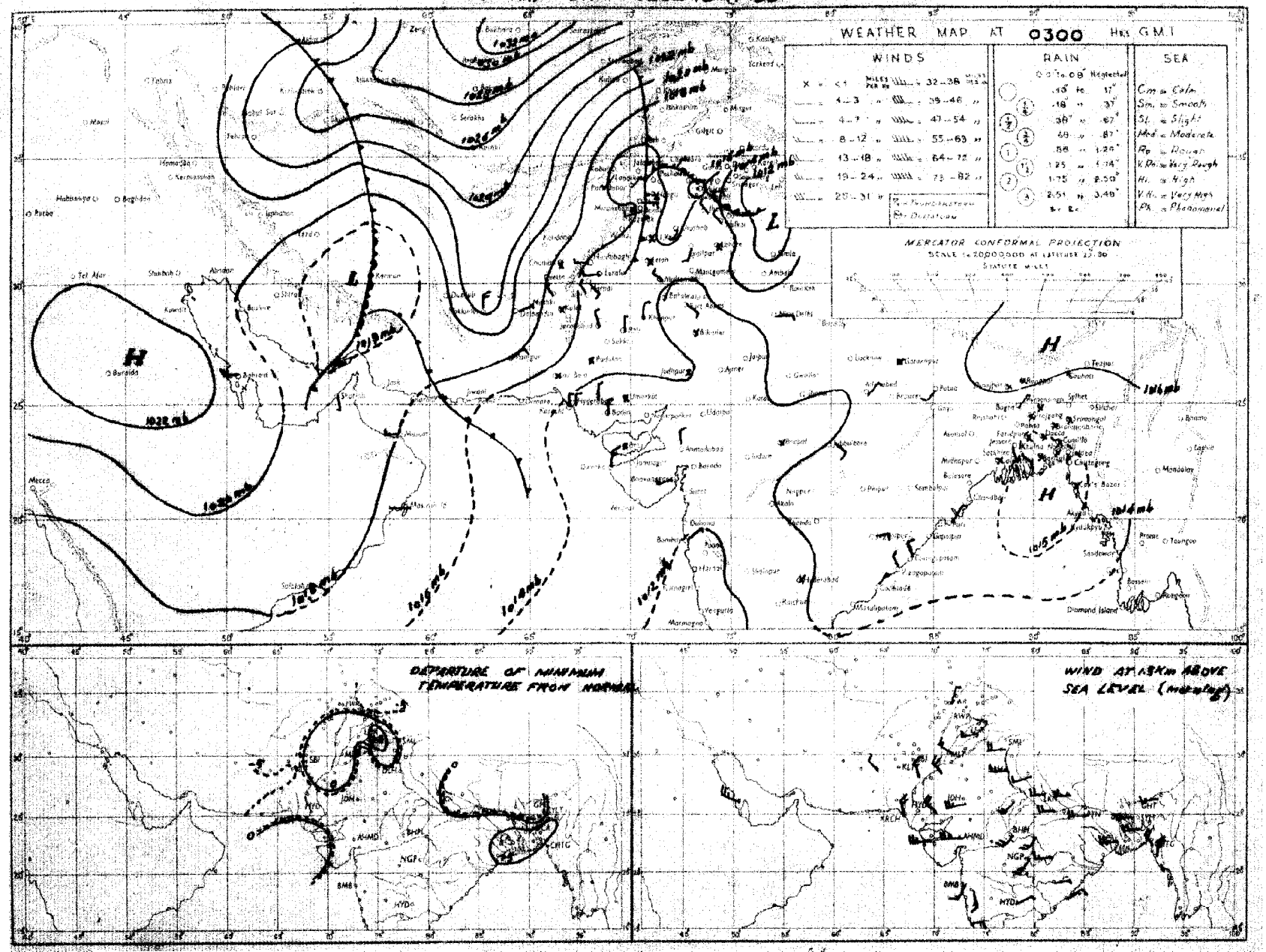
SUNDAY 30th. DECEMBER 1951.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 31st. DECEMBER 1951



Rainfall amounts indicated in the above chart refer to past 24 hours.