Pakistan. Meteorological Service.
July-Sept 1951
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PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 1ST JULY, 1951

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

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

A depression is centred near Daltonganj. It is likely to move westnorthwestwards.

Monsoon continues active in East Pakistan and is advancing into the Punjab.

Rainfall has been widespread in East Pakistan. Local duststorms/dust-raising winds and a few thunderstorms have occurred in the Punjab, the North-West Frontier Province and north Baluchistan. Scattered duststorms/dust-raising winds have also been reported from Sind-Mekran coast.

Chief amounts of rainfall are :—Chittagong 4" ; Cox's Bazar, Comilla, Narayanganj and Bogra 3" each ; Srimangal 2" ; Brahmanbaria, Mymensingh, Jessore and Faridpur 1½" each ; Khulna and Satkhira 1" each ; Barisal and Dinajpur ¾" each and Rangpur½".

Day temperatures were appreciably to markedly below normal in East Pakistan and west Baluchistan and markedly to considerably above normal in the north Punjab and the upper North-West Frontier Province.

Forecast valid until the evening of 2nd :—Rainfall will be widespread and locally moderate to heavy in East Pakistan. Fairly widespread thunderstorms/showers will occur in the north Punjab and Kashmir and local dust/thunderstorms and few showers in the south Punjab, the North-West Frontier Province and upper Sind. Dust-raising winds/dust in suspension will also occur in west Baluchistan and low clouds along Sind coast.

Karachi-11.
The 1st July, 1951.

OBSERVATIONS.

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

	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: $RRRT_dT_d$	$N\ dd\ ff$	$TVwwW$	$PPPTT$	$N_hC_Lh\ C_MC_H$	$W_tD_LD_MT_nT_n$	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	190 76	8 18 05	96 02 6	900 77	8 8 4 2 0	9 - x 81	286 76	7 15 03	96 01 6	050 79	0 8 9 2 0	9 x 0 74	- 4	- 3	37.6	- 5.8	36.0	140
	Chittagong	022 75	9 16 09	96 65 6	986 77	8 7 4 - -	4 - 82	433 75	8 16 09	96 02 6	087 78	8 2 4 -	- - 76	- 8	- 1	23.5	+ 1.6	43.4	108
	Comilla	050 78	8 18 05	98 01 8	986 80	8 6 7 - -	8 - 80	280 79	8 18 19	98 01 6	021 81	8 5 7 - -	8 - 76	- 7	+ 1	25.9	+ 6.8	31.7	118
	Brahmanbaria	071 78	8 00 00	96 60 6	980 70	8 7 4 -	6 - 82	150 79	8 15 05	97 06 1	018 80	2 5 6 3 -	x x 76	—	—	18.7	- 1.3	17.6	84
	Dacca	xxx 78	8 23 03	96 51 5	961 80	6 7 4 2 -	2 - x 82	xxx 79	8 20 06	97 60 6	006 80	4 7 4 1 -	9 x 75	—	—	—			79
	Narayanganj	070 79	8 13 08	95 08 6	980 80	8 4 5 2 -	8 - x 82	255 79	8 23 08	95 50 6	009 82	2 5 5 2 -	9 x 76	- 6	- 3	21.0	+ 5.8	40.6	76
	Mymensingh	057 81	8 00 00	96 80 6	979 82	8 6 5 - -	- - - 83	171 78	8 00 00	98 60 5	999 79	8 6 5 - -	- - 77	- 4	- 1	19.8	+ 1.7	37.3	87
	Srimangal	098 77	8 16 02	92 61 6	981 77	8 5 7 - -	- - - 91	277 76	8 13 02	92 61 6	020 79	8 0 8 2 -	9 x 6 76	+ 1	- 8	16.8	- 2.1	23.4	88
	Khulna	060 77	8 00 00	96 62 6	970 78	8 7 6 - -	- - - 87	099 75	8 30 06	97 24 5	017 77	8 7 7 - -	- - - 76	- 1	+ 2	8.8	- 4.1	16.8	66
	Satkhira	035 78	8 28 08	97 50 6	967 79	5 9 6 6 0	6 x 88	108 76	8 00 00	97 08 6	018 79	5 9 7 6 0	9 - x 76	- 1	- 2	5.9	- 7.4	13.8	63
	Jessore	113 77	8 18 02	96 35 5	956 78	8 7 6 -	4 x x 90	134 77	8 13 03	95 50 6	005 81	8 8 6 0 0	9 - - 76	—		6.2	- 7.4	13.9	66
	Faridpur	060 78	8 07 02	95 08 6	966 82	8 7 5 1 0	9 - x 82	168 77	8 09 05	97 02 2	007 81	8 6 5 1 0	8 x 76	- 5	- 2	14.1	+ 1.0	21.5	71
	Barisal																		81
	Pabna																		60
	Rampur Boalia																		58
	Sirajganj	056 79	8 00 00	98 02 2	952 80	8 7 7 - -	- - - 81	267 77	0 13 05	97 60 5	996 78	8 7 7 0 0	- - - 76	6	- 2	19.7	+ 7.1	31.4	64
	Bogra	152 78	8 09 02	96 02 6	968 79	8 7 6 - -	- - 81	318 76	8 28 05	96 02 5	992 77	4 7 8 5 2	- - x 76	7	- 2	18.1	+ 4.6	25.4	69
	Dinajpur	060 77	8 09 06	97 28 6	961 81	4 8 6 2 8	8 2 2 82	079 77	4 09 02	97 80 5	998 78	6 1 6 0 0	9 - 74	- 7	- 4	15.9	+ 1.8	20.2	72
	Rangpur	018 xx	8 09 05	96 02 6	—	8 5 8 - -	- - - xx	053 xx	8 07 02	96 51 6	—	8 5 8 - -	- - - xx	—	—	27.5	+ 0.2	34.0	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	[illegible]																		—
	Drass																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 66	2 05 04	96 05 1	868 07	0 0 9 0 0	9 x x 07	000 77	0 13 04	95 05 5	927 89	0 0 9 0 0	- - - 86	+ 4	+ 3	0.0	- 0.7	4.3	12
	Lahore	000 69	0 25 05	95 05 0	876 07	0 0 9 0 0	- - - 09	000 75	0 13 12	95 05 0	940 87	0 0 9 0 0	- - - 83	+ 6	+ 7	0.4	1.4	4.4	19
	Sialkot	000 70	8 23 04	97 07 1	854 05	0 0 9 0 4	- - - 10	000 76	8 13 06	97 07 1	969 88	0 0 9 0 4	- x - 86	+ 8	+ 6	0.6	- 2.0	5.8	33
	Jhelum	000 89	0 18 06	94 05 0	852 05	0 0 9 0 0	- - - 10	000 83	0 13 09	94 05 0	949 89	0 0 9 0 0	- - - 88	—	—	2.5		11.6	
	Rawalpindi	000 58	0 27 02	99 00 0	852 12	0 0 9 0 0	- - - 15	000 71	0 00 00	98 07 0	951 90	0 0 9 0 0	- - - 84	+13	+ 7	2.2	0.3	12.1	36
	Murree †	000 44	0 27 03	98 00 0	859 86	0 0 9 0 0	- - - 89	008 61	4 09 10	94 10 9	498 71	4 3 6 0 0	5 - - 65	+18	+ 4	8.2	- 1.1	26.8	48
	Attock	xxx xx	0 00 00	98 00 0	—	0 0 9 0 0	- - - xx	xxx xx	0 23 13	96 00 3	—	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Khushab	000 85	0 20 08	97 00 0	859 10	0 0 9 0 0	- - - 11	000 90	0 11 09	97 00 0	942 88	0 0 9 0 0	- - - 86	+ 6	+ 3	0	1.6	4.6	15
	Montgomery	000 62	0 00 00	98 00 0	877 06	0 0 9 0 0	- - - 07	000 75	8 23 08	96 03 2	930 93	0 0 9 0 7	6 x 89	+ 1	+ 5	0.4	0.6	4.1	10
	Leiah	000 99	0 23 08	97 00 0	869 06	0 0 9 0 0	- - - 10	000 89	0 29 12	96 07 0	908 92	0 0 9 0 0	- 91	—	—	0	—	6.7	8
	Multan	000 68	0 25 06	96 01 8	873 09	0 0 9 0 0	9 9 9 09	000 76	0 18 05	95 06 3	926 91	0 0 9 0 0	- - - 88	+ 5	+ 2	0	0.6	3.1	7
	Khanpur	000 83	0 21 06	94 07 0	868 10	0 0 8 0 0	- - - 11	000 80	0 16 07	94 05 0	939 97	0 0 9 0 0	- 95	+ 3	+ 2	0.5	+ 0.2	2.2	6
	Bahawalpur	000 69	0 18 02	97 00 0	876 07	0 0 9 0 0	- - - 08	000 75	0 23 12	97 00 0	937 89	0 0 9 0 0	- 86	+ 2	+ 2	0	0.3	2.1	6
	Fort Abbas	000 61	0 23 05	96 00 0	881 07	0 0 9 0 0	0 x x 08	000 73	0 23 03	96 00 0	936 90	0 0 9 0 0	0 x x xx	-	x	0	—	0.9	6
N. W. F. P.	Drosh *	000 32	1 25 14	97 02 0	792 99	1 1 8 0 0	- - - 01	004 48	5 20 03	98 01 0	866 81	3 9 6 3 0	5 - 0 75	—	+ 4	0.3	—	25.0	18
	Chakdara	000 57	0 00 00	99 00 0	815 05	0 0 9 0 0	- - - 07	000 68	6 00 10	98 01 5	923 87	6 5 6 0 0	82	—	-	0.1	—	19.4	—
	Cherat *	000 56	0 16 07	97 00 0	822 02	0 0 9 0 0	- - - 04	000 69	8 18 19	94 09 8	877 75	0 0 9 0 2	- x 74	—	+ 2	0.2	- 0.9	3.3	30
	Peshawar	000 52	1 05 05	96 03 0	846 09	0 0 9 3 0	- - - 12	000 73	8 36 09	94 05 1	921 81	0 1 9 3 0	- x 66	+ 7	+ 6	0.3	- 0.1	7.5	14
	Parachinar	000 38	1 23 02	98 01 1	806 96	0 0 9 3 0	6 x x 97	000 44	1 27 02	99 01 1	981 79	0 0 9 3 0	4 7 74	—	+ 8	0.6	—	18.4	33
	Miranshah	000 59	0 11 05	98 00 0	816 07	0 0 9 0 0	- - - 09	008 57	0 20 01	98 00 0	858 93	0 0 9 0 0	- - 81	—	—	0.2	- 0.8	7.2	13
	Bannu	000 52	0 16 05	98 00 0	843 11	0 0 9 0 0	- - - 12	000 68	0 16 02	95 05 0	915 91	9 - 0 - -	- - 84	—	—	0	—	4.0	11
	D. I. Khan	000 78	0 20 08	96 07 0	849 09	0 0 9 0 0	- - - 10	000 75	0 90 00	95 03 0	893 91	0 0 9 0 0	- - 79	+ 8	4	0	0.7	1.7	8
	Wana																		13
	Landikotal	000 71	0 00 00	97 00 0	800 08	0 0 9 0 0	- - - 04	000 74	0 15 05	92 06 4	844 86	9 0 -	- - - 84		—	0	—	0.6	—
	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 23 09	98 00 0	—	0 0 9 0 0	- - - xx	xxx xx	0 36 09	98 00 0	—	0 0 0 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 21	0 25 02	96 00 0	861 92	0 0 9 0 0	- - - 05	000 20	0 23 05	96 07 3	874 87	0 0 9 0 0	- - - 88	+ 4	+ 7	0	- 0.7	5.9	11
	Hindubagh	000 39	0 25 08	98 00 0	849 94	0 0 9 0 0	- - - 99	000 23	0 23 12	98 00 0	895 76	0 0 9 0 0	- - - 79	—	—	0	—	5.2	—
	Loralai	000 69	0 18 05	96 00 0	795 99	0 0 9 0 0	- - - 01	000 50	0 23 05	94 07 0	862 81	0 0 9 0 0	- - - 73	—	—	0.1		5.5	—
	Harnai (R)	000 xx	0 09 05	94 95 8	—	9 - 0 - -	- - - xx	000 xx	9 36 02	93 05 4	—	9 0 - -	- - xx	—	—	0	- 0.3	3.6	14
	Sibi	000 67	0 15 05	98 00 0	848 15	0 0 9 0 0	- - - 15	000 75	8 18 05	98 03 1	942 94	0 0 9 0 7	- x - 92	—	—	0	—	1.5	5
	Quetta †	000 62	0 31 07	96 97 0	871 91	0 0 9 0 0	- - - 93	000 47	0 00 00	96 06 0	918 71	0 0 9 0 0	- - - 58	—	—	0	0.2	8.6	9
	Chaman	000 76	0 27 08	97 00 0	816 85	0 0 9 0 0	- - - 98	000 42	0 25 08	97 00 0	883 76	0 0 9 0 0	- - - 70	- 5	- 6	0	0	5.5	5
	Nushki	000 68	9 31 09	98 05 4	896 98	9 - 0 - -	9 x x 99	000 55	9 31 12	93 05 4	965 87	9 - 0 - -	9 - - 77	—	—	0	—	5.4	—
	Dalbandin *	000 70	0 28 02	93 44 4	948 01	0 0 9 0 0	- - - 02	000 58	0 23 07	93 44 4	968 76	0 0 9 0 0	- - - 65	5	- 10	0	0	1.8	4
	Nokkundi	000 44	0 34 24	98 08 4	902 97	0 0 9 0 0	9 x x 98	000 56	0 34 24	93 05 1	976 81	0 0 9 0 0	- - - 66	—	—	0	—	0.8	3
	Kalat †	000 40	0 32 09	98 00 0	879 83	0 0 9 0 0	- - - 89	000 49	0 00 00	97 00 0	903 84	0 0 9 0 0	- - - 89	2	- 3	0	- 0.3	0.0	7
	Turbat	000 66	0 05 28	97 07 0	911 15	0 0 9 0 0	- - - 13	000 61	0 00 00	98 00 0	964 00	0 0 9 0 0	- - 23	—	—	0	—	1.4	—
	Panjgur *	000 90	0 31 17	94 06 0	867 95	0 0 9 0 0	- - - 96	000 64	0 36 02	97 00 0	890 76	0 0 9 0 0	- - 67	- 7	7	0	—	3.2	5
	Las Bela	000 81	0 16 06	99 00 0	992 00	0 0 9 0 0	- - - 08	000 81	0 00 00	99 00 0	968 87	0 0 9 0 0	- - 84	—	—	0	—	0.1	5
	Ormara	000 79	4 25 16	94 07 1	899 90	4 5 6 0 0	- - - 98	000 81	6 25 14	94 05 1	950 84	6 5 6 0 0	- - - 83	—	—	0	0	2.7	6
	Pasni	000 81	0 25 10	94 06 0	900 89	0 0 9 0 0	- - - 94							+ 2					4
	Jiwani																		4
SIND	Reti	000 68	0 18 05	96 00 0	876 12	0 0 9 0 0	- - - 12	000 75	0 18 05	96 00 0	958 87	0 0 9 0 0	- - - 86	—	—	0	—	0.8	—
	Jacobabad	000 61	0 28 08	96 05 1	869 11	0 0 9 0 0	6 x x 15	000 75	0 09 05	96 00 0	921 86	0 0 9 0 0	- - - 86	+ 1	+ 1	0	0.3	0.5	4
	Sukkur	000 79	0 27 02	96 00 0	850 14	0 0 9 0 9	- - - 1x	000 76	0 16 05	95 06 1	911 86	0 0 9 0 0	82	—	—	0	—	0.5	4
	Pad Idan	000 81	7 00 00	98 02 1	864 14	0 0 9 0 5	8 9 x 15	000 75	8 12 00	97 03 2	911 86	0 0 9 0 8	9 9 85	—		0	—	0.2	—
	Karachi (Manora)	000 79	8 25 18	96 05 2	919 86	8 6 4 0 0	- - - 89	000 79	7 25 13	95 05 2	952 85	7 6 4 0 0	- - - 83	1	+ 1	0	- 0.7	0	6
	Karachi (A. P.)	000 80	6 25 16	95 05 1	922 86	6 6 4 0 0	8 x x 89	000 75	8 25 17	95 00 1	968 86	3 6 4 0 0	- - 88	—	—	0	—	0.1	—
	Badin	000 82	0 27 10	97 80 3	906 94	0 0 9 0 0	- - - 96	000 78	8 23 12	97 08 3	953 87	0 0 9 4 0	7 0 5 88	2	+ 1	0	1.2	0	4
	Nagarparkar																		
	Chhor (Umarkot)	000 77	7 22 20	91 49 7	891 00	0 0 9 0 7	- - - 04	000 77	2 20 17	87 30 8	939 87	0 0 9 0 8	- x 83	—	—	0	—	0	—
	Hyderabad	000 56	5 28 09	96 01 3	891 98	0 0 9 0 8	- - - 06	000 77	0 28 05	97 00 0	941 87	0 0 9 0 0	- - - 83	+ 4	+ 1	0	- 9.5	0.2	7
[illegible]	Terayai																		20
AFGHANISTAN	Kabul	000 48	0 28 02	97 00 0	895 01	0 0 9 0 0	- - - 01	000 47	1 25 02	97 01 0	920 72	0 0 9 0 1	- - - 62	—	—	0	—	0.9	12
	Jalalabad	000 54	0 00 00	96 00 0	106 07	0 0 9 0 0	6 x x 10	000 67	1 00 00	96 01 0	960 90	0 0 9 0 1	4 9 x 82	—	—	0	—	4.4	—
	Kandahar	000 52	0 00 00	94 05 4	798 98	0 0 - -	- - - 08							—					—

See footnote on page 2

19787

P. T. O.]

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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March 28, 2002

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY THE 1ST JULY, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVww W	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. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_t D_s D_M T_n T_n$	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	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Chahbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	...	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Mashed	...	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire		...	-		-		-		-				-	-	-	-	-	11
Arabia	Muscat	000 77	0 36 05	99 00 0	922 01	0 0 9 0 0	- - - 07	000 88	0 32 02	99 00 0	945 95	0 0 0 0 0	- - - 30	+ 7	- 1	0	- 0.1	3.8	4
	Sharjah																		4
	Kuwait	000 92	0 29 18	94 07 2	954 98	0 0 9 0 0	- - - 98	000 74	0 29 13	96 00 0	957 90	0 0 0 0 0	- - - 89	—	—	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, 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	$YQL_aL_aL_a$	$L_oL_oL_oGG$	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	$D_s v_s$ app	$8 N_s C h_sh_s$	$O T_sT_s T_dT_d$	$1 d_wd_w P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Beara	73 205	705 00	7 24 24	93 25 2	986 84	47 3 21	7 4 xxx	—	0 00 xx	1 24 87
Strathaird	73 138	620 00	0 25 17	98 00 0	978 81	00 0 00	6 6 879	-	0 58 77	1 24 xx
Devon	73 079	732 00	2 28 14	99 01 1	078 82	21 5 00	6 5 300	—	0 51 76	1 29 32
Devon	73 079	738 00	2 28 14	99 01 1	078 82	21 5 00	6 6 300		0 51 76	1 29 32
Canara	73 239	611 06	0 20 18	97 05 0	950 86	00 0 00	7 5 300	—	—	—
Riouw	73 079	771 06	4 26 10	97 02 2	090 82	42 4 00	8 6 308	—	0 05 76	1 36 32
Turekenhan	73 070	787 06	6 26 14	98 02 8	088 80	23 4 10	6 3 000	—	0 00 77	1 26 38
Sirsa	73 038	765 06	3 23 05	98 02 0	107 82	11 4 01	3 4 105	—	0 03 79	1 24 21
Rosbi	73 074	750 06	4 29 13	98 05 1	105 84	24 4 04	3 4 301	—	0 02 74	1 28 22
Yenang Yaung	73 126	734 06	4 25 12	93 02 1	092 88	33 7 08	3 4 202	—	0 04 77	1 25 31
Gerardon	73 080	688 06	6 21 11	97 02 5	110 84	21 5 02	2 4 001	—	0 01 xx	1 21 34
Devon	73 086	710 12	6 26 14	99 02 1	074 83	62 5 00	6 5 801	—	0 08 77	1 26 32
Narra	73 218	601 12	7 24 30	97 06 2	956 85	47 4 22	7 8 xxx	—	0 02 xx	1 74 41
Yenang Yaung	73 115	742 12	4 26 10	98 02 1	091 86	22 6 88	3 4 121	—	0 02 78	1 36 23
Salawati	73 123	598 12	1 24 30	98 01 0	040 81	11 6 00	2 4 820	—	0 01 73	1 24 49
Tosari	73 068	771 18	1 29 11	98 01 1	102 82	11 2 00	2 4 102	—	0 00 77	1 28 22
Empire Pride	73 081	726 18	2 26 09	98 02 1	111 80	23 5 00	2 5 100	—	0 01 76	—
Sirsa	73 076	781 18	0 22 10	99 02 0	098 86	00 0 00	2 4 110	—	0 03 77	1 49 xx
Canara	73 245	598 12	0 00 00	96 05 0	925 84	00 0 06	7 5 820	—	0 02 85	1 18 xx
Riouw	73 060	786 12	7 25 15	93 02 1	079 84	82 4 7	8 6 515	-	0 08 76	1 26 45
City of Barcilona	73 174	672 18	0 28 24	97 06 0	083 79	00 0 00	1 4 500	—	0 01 77	1 28 x4
Alwan	73 063	799 12	6 23 13	99 02 2	075 81	32 5 61	4 5 320	—	0 61 77	1 23 22
Shosron	73 070	786 12	5 27 14	96 22 2	070 84	51 7 65	2 3 310	—	0 07 78	1 17 23
Tosari	73 071	759 12	4 29 11	98 02 1	074 86	22 4 51	2 4 601	—	0 03 77	1 28 22

SHIP	$YQL_aL_aL_a$	$L_oL_oL_oGG$	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	$D_s v_s$ app	$8 N_s C h_sh_s$	$O T_sT_s T_dT_d$	$1 d_wd_w P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
BAY OF BENGAL										
Devon	73 082	822 06	3 27 14	99 02 0	100 88	22 5 08	6 5 306	-	0 00 76	1 20 2
Jalakerta	73 060	612 06	6 21 05	99 02 0	127 81	41 7 09	—	—	—	—
Riouw	73 058	801 00	1 25 10	98 02 1	100 81	18 4 00	3 6 308	—	0 03 79	1 25 8
Ravello	73 025	847 06	2 30 14	82 02 1	106 86	11 5 00	6 4 300	—	0 00 77	1 30 3

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

STATION	TEMP	CODE:— iiiGG		PoPoPoToTo		TdoTdoTxoXrXr			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	760 14	990 29	274 60	854 63	830 43	700 22	165 46	609 82	549 97	802 01	749 91	291 42	869 90	105 67	049 91	555 55	299 00	340 62	898 72	360 43	648 00	260 41	777 67	180 57	887 40

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	3	5	6	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	3	5	5	7	10	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet †† 1	3	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	-	—	—	...	-	—	...	—	—		—	—	...	—	—	—		—	—	—	—	—	—	—
Chhor	..		...	—	—	...		—	—	.	...	—	—	—	—	—	22 26	23 27		—	—	—	—	—
Chittagong	—	—	—	—	...	—	—		—	—	...	—	—	...	..	—	18 24	19 35	..	—	—	—	—	—
Cox's Bazar	..	—	—		—		—	-	—	—	—	..	—	—		—	17 23	19 29	—	..	—	-	—	-
Dacca	—	—	—		—	—	—	—		—	—		—	—	—	—	22 25	..	—	—	—	—	—	—
Dalbandin	-	—	17 02	07 02	—	—			—	—	-	...	05 07	03 05	20 08	—	—	-	34 10	18 06	20 06	-	—	—
Drosh			-		28 12	29 12	18 07	31 17	—			—	—	calm	22 03	19 10	...	...	—	—	24 08		—	—
Fort Sandeman	—	—	—	01 02	02 04	26 09	27 09	25 15	25 21	27 21	—	—	—	16 09	18 17	23 11	—	—		22 08	23 05	19 09	29 07	—
Jacobabad	19 04	01 01	05 02	32 05	31 08	03 03	08 06	—	—	—	17 11	15 07	15 08	23 09	28 05	04 07	12 07	22 03	34 08	26 04	01 04	15 01	17 04	20 10
Jhelum	18 06	19 06	18 06	29 05	26 05	29 07	35 14	30 08	—	—	11 11	12 26	calm	—	—	...	14 28	13 14	18 24	12 21	11 17	27 06	18 18	—
Jiwani		—			—	—	—	—	—	—	—	—	...	—	—	—	—	—		—	—	—	—	—
Karachi	26 20	26 30	—				—	—	—	—	—	—		—	—	—	26 24	26 33	36 22	—	—	—	—	—
Khanpur	20 09	19 14	19 09	19 06	23 08	33 05	35 16	—		...	17 13	16 15	18 11	22 06	28 05	05 10	19 18	20 18	20 15	22 04	20 06	—	—	—
Lahore	23 09	23 12	24 11	24 12	25 13	—	—		—	—		—	—	—	—	—	13 15	17 12	17 08	29 05	34 06	34 06	—	—
Multan	99 14	19 13	18 13	16 10	18 09	10 10	01 11	31 11	35 10	35 15	19 23	21 21	22 21	24 15	—	—	21 29	22 27	—	—	—	—	—	—
Peshawar	—	10 07	36 04	34 02	22 02	24 15	27 17	29 10	—	—	—	22 09	24 13	24 31	33 24	31 17	...	22 04	15 14	18 19	17 17	17 20	—	—
Quetta		-			32 07	23 06	11 07	—	—	—	-	-	.	-	27 12	31 04	—	—	-	—	34 03	34 07	15 13	33 08
Veraval		—				—		-	—	—	-	-		-		...		-	..			—	-	—
Bhatiar		-				—			—		-	—	-	-				-	—	-		—		—

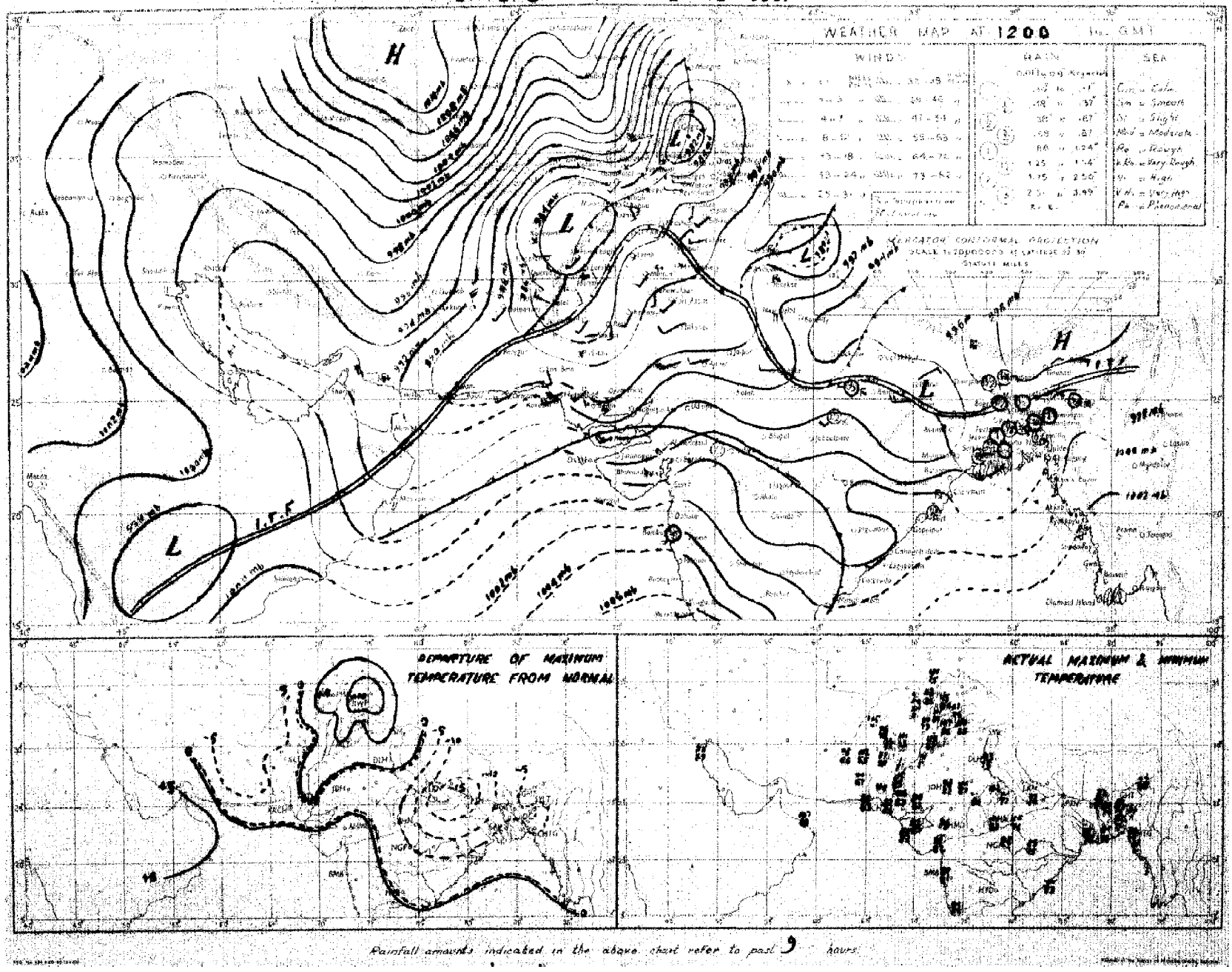
Cloud Observation Data (iiiGG Cddv, v,)

* 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.

S. P. W.

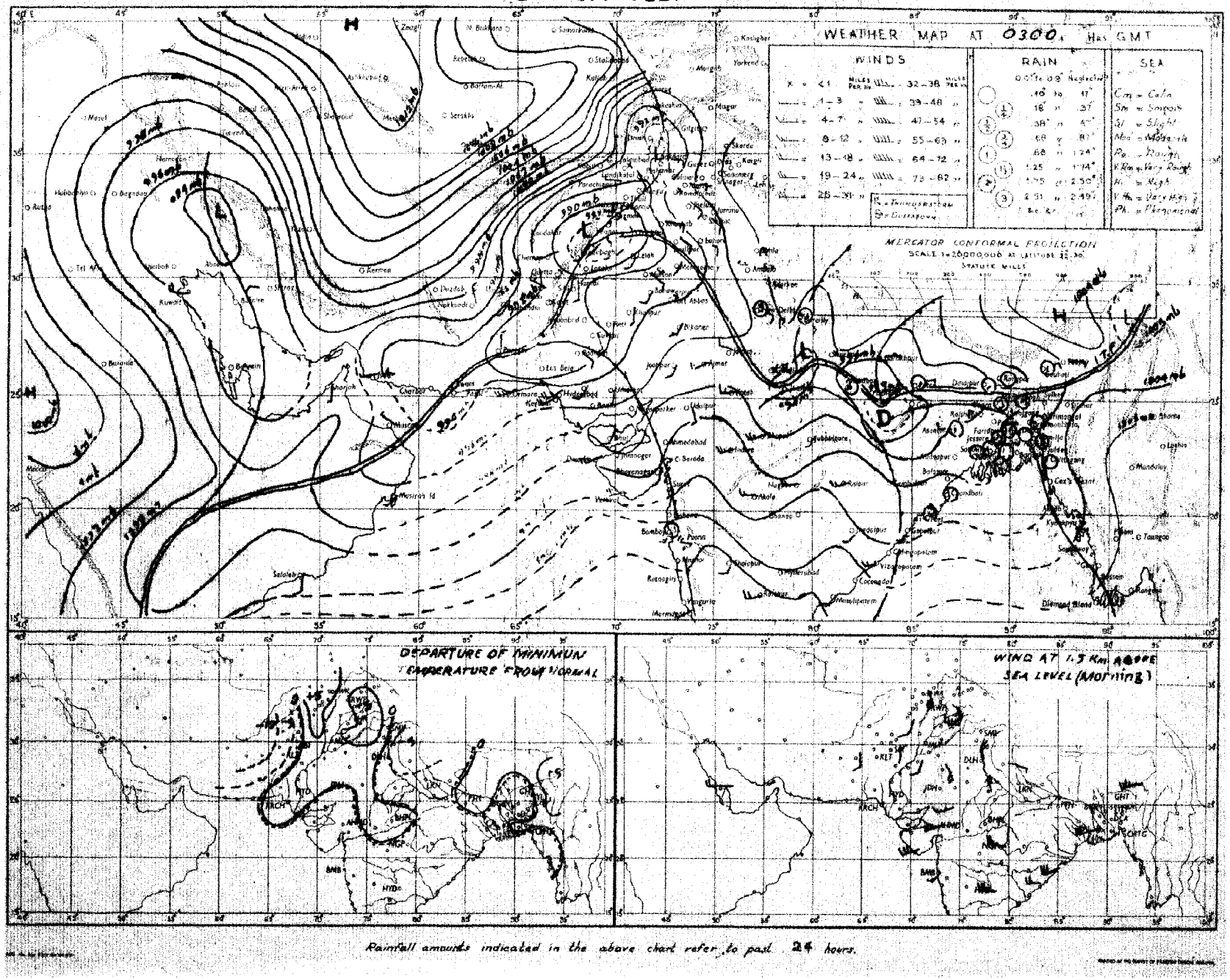
PAKISTAN DAILY WEATHER MAP

SATURDAY 30th JUNE 1951



PAKISTAN DAILY WEATHER MAP

SUNDAY 1st JULY 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-1467

FOR MONDAY, THE 2ND JULY, 1951

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

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

Yesterday's depression near Daltanganj moved north westwards and now lies as a low over central parts of United Provinces. It is likely to move further north eastwards.

Monsoon continues to be active in East Pakistan.

Widespread rain has occurred in East Pakistan. Fairly widespread rain/thundershowers have occurred in the north Punjab and the upper North-West Frontier Province. Scattered dust/thunderstorms have also been reported from the south Punjab, the lower North-West Frontier Province, northeast Baluchistan and Sind.

Chief amounts of rainfall are:—Rangpur 6"; Bogra 5"; Chittagong and Mymensingh 4" each; Dinajpur 3"; Sirajganj 2"; Murree and Srimangal 1½" each; Cox's Bazar, and Sialkot 1" each; Brahmanbaria, Barisal, Lahore and Jhelum ½" each and Comilla, Khulna, Rawalpindi, Cherat and Parachinar ¼" each.

Day temperatures were markedly to considerably below normal in East Pakistan and north Baluchistan.

Forecast valid until the evening of 3rd:—Rainfall will be widespread and locally moderate to heavy in East Pakistan. Local rain/thundershowers will occur in north Punjab, the Upper North-West Frontier Province and Kashmir and scattered dust/thunderstorms in the lower North-West Frontier Province and the plains of Punjab. Dust raising winds/dust in suspension will also occur in Baluchistan and Sind and low clouds along Sind-Mekran coast.

Karachi-11.
The 2nd July, 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	$N_hC_Lh\ C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\ C_MC_H$	$W_tD_sD_MT_nT_n$	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	038 78	8 18 05	96 03 6	025 79	8 8 4 2 0	2 × 0 81	122 81	2 18 08	98 01 6	057 85	2 2 0 0 0	9 × × 75	- 5	- 2	28.8	- 5.0	35.2	148
	Chittagong	235 76	8 ×× ××	96 05 0	023 75	8 7 4 0 0	9 × × 79	360 79	5 ×× ××	97 21 6	067 82	5 7 4 0 0	9 × × 74	- 7	- 5	27.1	- 4.7	47.0	108
	Comilla	035 77	8 18 13	98 03 6	019 80	8 4 7 0 0	7 0 0 80	035 79	8 28 13	98 05 1	055 82	8 5 7 0 0	9 0 0 82	- 7	+ 5	25.4	+ 0.0	32.0	113
	Brahmanbaria	087 77	4 18 02	97 08 6	019 81	4 4 6 0 0	- - - 88	045 80	8 18 05	97 08 6	049 81	8 5 6 - -	2 × 4 77	—		14.2	- 1.0	18.8	84
	Dacca	××× 77	8 20 06	96 02 2	006 80	8 7 8 -	6 × × 85	××× 79	8 20 05	96 03 6	040 83	6 7 8 2 -	9 × 9 76	—	-	—	—		78
	Narayanganj	012 76	8 18 08	95 50 6	006 80	1 5 5 2	9 × 0 82	012 79	8 23 05	95 03 6	038 83	8 4 5 - -	9 × × 77	- 6	- 2	21.7	+ 6.5	40.7	74
	Mymensingh	038 79	8 00 00	97 02 6	010 80	8 6 6 - -	0 × × 82	290 78	8 00 00	96 68 6	040 79	8 6 5 - -	0 × × 75	- 5	- 3	28.7	+ 5.1	26.3	91
	Srimangal	122 76	8 13 03	95 60 6	023 77	8 5 7 - -	8 × × 89	182 77	8 18 03	96 80 6	054 77	8 5 7 - -	5 × × 77	- 8	1	17.5	- 2.8	24.7	98
	Khulna	022 78	8 23 02	98 03 5	019 79	8 7 6 0 0	- - - 85	022 80	5 20 07	96 02 1	049 85	5 4 7 0 0	- - - 77	- 2	- 1	9.1	4.3	17.0	68
	Satkhira	012 78	8 18 02	98 02 1	015 80	6 9 6 6 0	9 0 × 82	017 80	8 23 08	97 02 6	045 84	8 8 6 6 0	9 0 × 79	- 7	+ 1	5.5	7.7	14.0	66
	Jessore	000 79	8 18 05	96 02 1	005 80	6 2 6 0 0	- - - 88	000 81	8 20 05	96 03 2	033 85	8 8 6 0 0	- - - 79	—		6.2	- 7.9	12.0	65
	Faridpur	006 79	8 09 02	95 02 6	007 80	7 7 5 1 0	8 × × 80	005 78	8 09 09	95 02 2	036 83	7 8 6 1 0	9 × × 78	- 8	6	14.2	+ 0.5	21.6	72
	Barisal	061 76	8 06 08	96 21 6	015 77	7 7 6 2 -	8 × × 81	061 79	8 16 07	96 05 2	045 85	7 7 5 2 -	0 × × 77	- 7	2	12.6	- 3.4	21.6	81
	Pabna																		60
	Rampur Boalia																		56
	Sirajganj	025 77	8 13 09	97 57 5	993 78	8 7 6 -	8 0 0 83		8 23 02	95 61 6	039 78	8 7 4 - -		4					64
	Bogra	018 75	8 27 02	95 68 6	989 77	8 7 4 0 0	- - 80	468 76	8 13 02	96 60 6	035 77	8 7 6 0 0	- - - 75	9	- 3	22.8	+ 8.7	30.1	66
	Dinajpur	026 77	8 00 00	96 58 6	988 78	8 7 5 0 0	9 0 0 79	268 75	8 00 00	96 52 8	— —	8 5 8 0 0	9 0 0 76	10	- 2	13.5	+ 2.9	28.9	72
	Rangpur	014 ××	8 09 02	96 51 5	— —	8 6 8 0 0	- - - —	590 ××					- - - —	—	—	33.4	+14.6	40.7	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 69	0 18 02	96 05 4	904 05	0 0 9 0 0	9 × × 06	000 69	6 16 04	96 02 9	957 80	6 4 8 0 0	2 0 0 79	+ 2	- 4	0.6	- 0.7	4.0	13
	Lahore	000 72	2 18 03	95 06 1	918 03	× × × × ×	6 × 9 04	061 74	7 05 02	96 02 6	976 81	0 0 9 7 0	6 9 0 73	+ 2	- 7	0.9	- 1.0	4.9	19
	Sialkot	000 72	4 18 04	97 08 1	915 02	2 1 6 4 0	- - - 02	091 73	7 00 00	98 01 1	967 80	5 2 6 4 0	- - - 72	+ 3	- 9	1.6	- 1.4	6.7	32
	Jhelum	000 91	1 00 00	94 05 0	916 01	1 1 7 0 0	- - - 02	044 76	8 31 05	96 95 4	992 77	8 3 6	9 × × 74		—	2.8	—	12.1	
	Rawalpindi	000 70	6 00 00	98 02 1	911 99	6 2 7 0 0	7 0 0 08	030 69	8 00 00	99 01 9	958 75	0 0 9 3 0	9 × 0 73	+ 2	- 4	2.5	- 0.1	18.4	36
	Murree †	000 64	8 18 07	94 10 2	897 74	8 9 8 - -	5 × × 79	114 55	8 31 05	96 03 9	908 62	6 6 6 5 0	9 × 4 57	+ 8	- 2	4.6	+ 0.1	27.2	58
	Attock	××× ××	8 13 02	96 00 0	— —	8 0 6 0 0	- - - --	××× ××	8 00 00	96 60 3	— —	810 6 2 0	- - - —		—	—		—	—
	Khushab	000 80	0 11 05	97 00 0	901 05	0 0 9 0 0	- - - 06	000 75	5 05 05	97 08 1	983 85	0 0 9 3 0	- - - 79	+ 1	- 4	0	- 1.6	4.0	15
	Montgomery	000 71	0 20 02	96 00 0	913 04	0 0 9 0 0	- - - 05	000 67	8 23 08	96 03 2	976 88	0 0 9 1 -	6 × 0 84	0	0	0.4	- 0.7	4.1	10
	Leiah	000 00	0 23 07	96 07 0	909 07	0 0 9 0 0	- - - 08	000 81	× 05 07	95 09 0	972 86	0 0 9 0 0	- - - 84	—	—	0		3.7	7
	Multan	000 72	0 11 05	95 06 8	903 07	0 0 9 0 0	9 0 0 08	000 76	9 23 05	95 06 8	961 89	9 0 - -	9 9 9 88	+ 5	+ 2	0	- 0.7	3.1	7
	Khanpur	000 87	0 16 06	94 07 0	901 99	0 0 9 0 0	- - - 10	000 78	0 23 11	94 07 0	972 82	0 0 9 0 0	- - 84	+ 3	+ 1	0.5	+ 0.1	2.2	6
	Bahawalpur	000 67	0 18 02	97 00 0	911 07	0 0 9 0 0	- - - 07	000 74	0 28 07	97 00 0	987 87	0 0 9 0 0	- - - 86	+ 2	+ 2	0	- 0.4	3.1	6
	Fort Abbas	000 64	5 28 05	95 08 1	913 06	0 0 9 8 0	5 × 8 07	000 86	0 18 01	96 00 0	940 90	0 0 9 0 0	0 × × 66		—	0	—	0.9	6
N. W. F. P.	Drosh *	000 50	6 26 05	94 17 9	239 87	6 3 6 0 0	4 × × 91	000 54	2 00 00	98 01 9	883 76	2 2 6 0 0	9 × × 74	- 4	+ 3	0.8	—	25.0	18
	Chakdara	000 59	8 18 10	97 02 2	958 95	8 5 6 0 0	2 × × 98	029 70	4 00 00	98 01 1	989 77	4 8 6 0 0	2 × × 72	—	--	0.4	—	12.7	—
	Cherat *	000 67	8 18 02	95 03 2	962 86	0 0 9 9 0	3 × 9 90	035 65	7 18 10	97 01 9	909 66	0 0 9 0 9	2 . 6 63	- 1	- 9	0.6	- 0.6	2.6	39
	Peshawar	003 68	8 02 10	94 29 9	942 80	5 3 5 2	4 × × 08	011 74	7 00 00	96 60 9	001 78	4 5 6 7 0	9 × × 74	1	6	0.5	0	7.7	14
	Parachinar	035 68	7 05 02	95 02 9	865 78	2 2 6 6 0	2 × 7 92	036 60	7 13 02	96 02 9	903 68	8 2 5 6 0	6 × 0 64	+ 3	- 2	0.9	—	16.8	39
	Miranshah	000 67	0 11 05	94 00 0	836 97	0 0 9 0 0	- - - 99	000 66	8 11 05	94 18 2	910 ××	8 2 6 4 5	- - 77	—	—	0.2	- 0.8	7.2	12
	Bannu	000 72	0 16 05	95 05 4	892 00	9 0 - -	- - - 01	000 67	8 09 10	97 02 2	992 81	8 8 8 0 0	- - - 79	—	—	0	—	4.9	11
	D. I. Khan	000 62	0 16 04	95 07 0	892 05	0 0 9 0 0	- - - 00	000 76	8 05 02	95 02 2	974 81	8 8 8 0 0	0 × 6 71	+ 1	12	0	0.7	1.7	9
	Wana																		11
	Landikotal	000 74	8 12 07	96 02 9	849 86	8 7 5 0 0	- - - 93	000 70	8 05 08	97 02 9	892 73	8 7 5 0 0	- - - 69	—	—	0	—	6.6	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	8 00 00	97 03 8	— —	0 0 9 2 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	0 18 09	96 00 0	— —	0 0 9 0 0	- - - —	××× ××	6 36 09	98 03 1	—	3 8 7 2 1	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 31	2 00 00	94 01 1	818 92	0 0 9 2 0	- - - 04	000 27	0 23 05	96 02 3	855 86	0 0 9 0 0	2 × × 54	+ 1	+ 8	0	- 0.7	5.9	12
	Hindubagh	000 30	0 25 30	96 00 0	870 96	0 0 9 0 0	- - - 98	000 31	0 25 05	96 00 0	904 80	0 0 9 0 0	- - - 69	—	—	0	—	8.2	—
	Loralai	000 60	0 18 05	96 00 0	821 96	0 0 9 0 0	- - - 99	000 51	0 00 00	94 07 0	877 77	0 0 9 0 0	- - - 71	—	—	0.1		6.5	—
	Harnai (a)	000 ××	9 09 02	93 05 4	— —	0 0 -	- - - —	000 ××	9 00 00	98 05 4	—	9 0 - -	- - - —	-	-	0	- 0.9	8.6	14
	Sibi	000 59	0 18 09	98 00 0	888 12	0 0 9 0 0	- - - 12	000 75	0 18 05	97 05 0	949 93	0 0 9 0 0	- - - 91	—	—	0	—	1.5	5
	Quetta †	000 31	0 31 05	96 06 0	853 93	0 0 9 0 0	- - - 95	000 29	0 00 00	97 02 0	902 73	0 0 9 0 0	- - - 59	—	—	0	- 0.2	8.3	9
	Chaman	000 76	0 00 00	97 00 0	859 95	0 0 9 0 0	- - - 96	000 60	0 18 05	97 00 0	890 88	0 0 9 0 0	- - - 74	- 6	- 2	0	0	9.5	9
	Nushki	000 49	9 29 05	94 05 4	914 99	9 - 0 - -	9 × × 99	000 55	9 36 07	94 05 4	951 81	9 - 0 - -	9 × × 72	—	—	0	—	5.4	—
	Dalbandin *	000 88	0 28 07	93 44 4	872 99	0 0 9 0 0	9 × × 99	000 40	0 00 00	94 05 4	888 78	0 0 9 0 0	- - - 69	- 10	- 6	0	0	1.8	4
	Nokkundi	000 18	0 34 18	95 07 1	926 99	0 0 9 0 0	9 × × 00	000 51	0 84 18	93 05 1	991 83	0 0 9 0 0	4 × × 75	—	—	0	—	0.9	3
	Kalat †	000 66	0 35 09	98 00 0	896 85	0 0 9 0 0	- - - 02	000 56	0 00 00	98 00 0	920 68	0 0 9 0 0	- - - 59	+ 1	- 3	0	- 0.2	9.0	7
	Turbat	000 67	0 05 07	97 00 0	917 14	0 0 9 0 0	- - - 35	000 79	0 00 00	97 00 0	938 89	0 0 9 0 0	- - - 85	—	—	0	—	1.4	—
	Panjgur *	000 80	0 31 09	97 00 0	879 84	0 0 9 0 0	- - - 95	000 78	0 31 05	97 00 0	899 82	0 0 9 0 0	- - - 74	- 8	9	0	—	3.2	5
	Las Bela	000 79	0 16 08	99 00 0	928 00	0 0 9 0 0	- - - 07	000 79	0 00 00	99 00 0	982 87	0 0 9 0 0	- - - 83	—	—	0	—	0.1	8
	Ormara	000 79	8 25 28	94 07 3	941 87	4 5 6 0 0	7 × × 88	000 76	6 25 13	95 01 1	971 65	6 5 6 0 0	- - - 82		—	0	0	2.7	6
	Pasni	000 79	0 07 10	94 06 4	938 87	0 0 9 0 0	9 × × 90	000 77	6 18 05	96 02 1	961 84	6 5 5 0 0	- - - 80	- 2	+ 1	0	- 0.3	4.2	8
	Jiwani																		4
SIND	Reti	000 79	0 18 05	96 00 0	912 09	0 0 9 0 0	- - - 10	000 78	0 18 09	96 00 0	967 85	0 0 9 0 0	- - - 83	—	—	0	—	0.6	—
	Jacobabad	000 67	0 16 05	95 05 1	899 10	0 0 9 0 0	- - - 10	000 74	0 11 10	96 06 1	952 88	0 0 9 0 0	- - - 85	- 1	0	0	- 0.2	0.5	4
	Sukkur	000 70	0 18 02	95 05 1	898 08	0 0 9 0 0	- - - 08	000 74	0 13 02	95 05 1	947 84	0 0 9 0 0	- - 88	—	—	0	—	0.5	4
	Pad Idan	000 62	7 18 05	97 02 1	898 10	0 0 9 0 5	8 9 × 11	000 72	2 13 05	97 01 1	942 87	0 0 9 0 8	9 9 × 84	—	—	0	—	0.1	—
	Karachi (*Manora*)	000 80	8 25 09	96 02 2	953 87	8 6 4 1 0	0 × 8 89	000 76	4 25 13	95 05 1	987 85	4 6 4 0 0	- - - 83	1	+ 1	0	- 0.8	0	8
	Karachi (*A. P.*)	000 77	7 25 17	96 08 1	956 88	7 6 5 0 9	8 × × 91	000 75	2 25 17	96 02 5	988 85	2 6 5 0 0	- - - 83	—	—	0		0.1	—
	Badin	000 75	0 28 12	97 20 3	946 92	0 0 9 0 0	- - - 96	000 76	0 23 10	97 00 0	988 86	0 0 9 0 0	- - - 82	- 1	0	0	1.7	0	8
	Nagarparkar																		
	Chhor (*Umarkot*)	000 77	0 22 19	97 30 9	930 97	0 0 9 0 0	- - - 01	000 76	2 20 17	97 10 5	975 86	0 0 9 0 2	- - - 81	—	—	0	—	0	—
	Hyderabad	000 74	0 23 05	97 05 0	940 94	0 0 9 0 0	- - - 01	000 78	0 28 12	96 07 0	962 87	0 0 9 0 0	- - - 83	0	+ 1	0	- 0.5	0.2	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 50	8 34 05	97 02 1	908 89	0 0 9 4 0	- - - 92	000 41	0 34 02	98 00 0	945 73	0 0 9 0 0	- - - 53	—	—	0	—	8.8	12
	Jalalabad	000 69	1 05 04	98 01 1	978 86	0 0 9 0 1	6 9 × 08	000 72	4 00 00	96 08 5	986 82	0 0 9 7 0	9 × 0 76	—	—	0	—	6.4	—
	Kandahar	000 56	9 00 00	94 05 4	925 94	9 0 0 0 0	- - - 96	000 42	9 00 09	94 04 5	854 76	0 0 9 0 0	- - - 60	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT
FOR MONDAY THE 2ND JULY, 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	VVww W	PPPTT	$N_h C_L hC_M C_H$	$W_t D_a D_M T_x T_x$	RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_t D_x D_M T_n T_n$	$T_x T_x$	$T_n T_n$	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
Iran	Chahbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
	Mashed	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
	Bushire		...	-		-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Muscat	000 89	0 18 02	99 00 0	944 93	0 0 9 0 0	- - - 04	000 86	0 18 02	97 00 0	944 90	0 0 9 0 0	- - - 39	+ 6	- 1	0	- 0.1	2.2	4
	Sharjah																		4
	Kuwait	000 45	0 27 02	96 00 0	946 11	0 0 9 0 0	- - - 18	000 72	0 29 05	97 00 0	976 91	0 0 9 0 0	- - - xx	—	—	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 (6,699-6,713 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 La La La	Lo Lo Lo GG	N dd ff	VV ww W	PPP TT	$N_hC_L h C_MC_H$	D_s v_s app	8 N_s C h_sh_s	O T_sT_s TdTd	1 d_wd_w P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Devon	13 093	684 00	8 24 10	99 02 1	075 82	31 5 00	6 5 300	—	0 51 75	1 27 32
Empire Pride	13 079	741 00	4 26 09	98 02 1	088 82	32 4 60	2 5 300	...	0 61 75	1 28 x0
Cafedonia	13 136	490 00	2 19 02	98 03 0	070 85	00 9 20	2 6 810	—	0 52 81	—
Neara	13 228	675 00	6 25 30	97 25 2	957 84	37 4 2x	7 3 xxx	—	0 51 xx	1 25 30
Neara	13 236	670 00	6 25 30	97 05 2	079 84	37 4 2x	6 4 xxx	—	0 00 xx	1 25 38
Alavi	13 172	728 06	6 25 12	98 20 1	068 80	48 7 70	8 3 xxx	—	—	—
Gerardmer	13 082	725 06	4 25 18	98 03 1	095 86	42 9 01	2 4 301	—	0 51 xx	1 21 34
Salawati	13 114	626 06	8 23 25	98 02 0	062 82	22 6 01	2 4 814	—	0 01 75	1 23 46
Tosari	13 051	791 06	4 23 12	98 02 8	101 82	32 3 61	2 4 991	...	0 01 77	1 24 38
Empire Pride	13 074	768 12	4 26 09	98 02 1	088 84	32 4 60	2 6 800	—	0 00 80	1 27 x0
Zerardmer	13 080	743 12	6 27 20	97 02 1	080 86	42 9 06	2 4 300	—	0 52 xx	—
City of Khios	13 071	791 12	7 22 10	99 03 0	077 82	28 4 10	—	—	—	—
Bratna	13 242	669 12	5 22 24	96 02 1	079 85	—		—	—	—
Gerardmer	13 078	752 18	3 19 08	97 02 1	085 84	32 9 00	2 4 300	—	0 51 xx	1 27 -2
Empire Pride	13 072	784 18	4 27 14	98 15 8	100 80	43 5 00	2 5 302	—	0 02 79	1 25 xx
Twickenhan	13 074	747 18	2 26 09	99 08 1	109 82	23 3 08	—	—	—	—
Salawati	13 106	640 18	0 23 18	98 02 0	098 82	00 9 00	2 4 813	—	0 01 81	1 23 44
Ravello	13 020	707 12	5 18 15	82 02 0	112 82	51 5 00	6 4 300	—	0 00 77	1 18 55

SHIP	YQ La La La	Lo Lo Lo GG	N dd ff	VV ww W	PPP TT	$N_hC_L h C_MC_H$	D_s v_s app	8 N_s C h_sh_s	O T_sT_s TdTd	1 d_wd_w P_wH_w
1	2	3	4	5	6	7	8	9	10	11
BAY OF BENGAL										
Tosari	13 060	302 12	3 23 09	98 15 0	089 82	22 3 61	2 4 305	..	0 01 77	1 19 [illegible]
Rioua	13 080	818 06	1 12 02	99 02 0	085 84	00 9 02	3 6 305	—	0 20 75	1 18 [illegible]
Ravello	13 020	819 06	0 25 16	82 02 1	112 84	00 9 00	6 4 303	—	0 00 75	1 22 [illegible]
New Australia	18 090	820 18	7 13 24	98 20 5	127 77	76 4 xx	7 6 910	..	0 52 72	1 12 x[illegible]

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	760 15	094 29	256 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 †										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
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	-	—	—	...	-	—	...	—	—		—	—	-	—	—	—				—	—	—	—	—
Chhor	..		..	—	—	...		—	—			—	—	—	—	—	21 20	22 55	38 40		—	—	—	—
Chittagong	—	—	—	—	—	—	—	-	—	—	18 13	—	—	...	—	—				—	—	—	—	—
Cox's Bazar			—		—		—	-	—	—	—	—	—	—	—	—	20 10	21 23	21 22	28 33	—	—	—	—
Dacca	19 10	15 26	—		—	—	—	—		-	—		—	—		—	—				—	—	—	—
Dalbandin		—	27 12	23 12	21 06	15 07		-	—	—			24 15	28 22		—	—	—	26 01	04 04	05 05	30 07	36 30	03 13
Drosh					21 19	29 04		—	—			—	—	02 01	23 02	22 04	—				21 04	20 05	—	-
Fort Sandeman				22 02	19 04	18 07	21 09	—	...	—	—	—	—	23 06	23 10	24 14	—	—		02 12	05 04	30 12		
Jacobabad	15 04	04 04	04 06	05 05	06 04	05 06	08 22	—	—	—	16 14	18 18	20 11	24 11		—	13 12	18 10	07 04	05 00	13 06	27 08	14 09	26 07
Jhelum	11 08	11 11	12 18	18 13	18 05	01 03	—	—	—	—	09 12	09 31	08 20	16 02	18 06	—	22 04	03 13	01 12	24 11	30 30		—	—
Jiwani				..	—	—	—	—	—	—	—			—	—	—	—			—	—	—	—	—
Karachi	25 28	26 14	—	—		..	—	—	—	..	24 28	26 32	26 24	—	—	—	26 25	25 28	25 28	—	—	—	—	—
Khanpur	20 10	17 08	17 13	14 08		—	—			...	20 20	20 34	20 41		—	—	20 20	21 31	22 12	29 08	32 12	—	—	—
Lahore	15 08	15 09	15 10	17 02	26 39	24 18	02 07	30 14	—	—				—	—	—	20 17	07 12	07 15	02 04	24 09	30 18	29 32	29 33
Multan	21 11	19 15	19 12	18 26	—	—	—	—	—	—	20 30	21 24	21 41	—	—	—	21 30	22 16	25 14		—	—	—	—
Peshawar	—	11 12	12 06	14 10	18 14	16 15	—	—	—	—	—	04 06	01 02	11 02	08 02	16 05	—	10 02	30 02	17 04	02 02	24 02	32 06	—
Quetta		-	—		—	—	—	—	—	—	-				26 13	—	—	—	—	—	27 07	27 07	06 07	—
Veraval		-				—			—	—					-	—			—			—		—
Sharjah		-				—			-	-	-	-	-	...	-	-	-	-		-		—	-	—

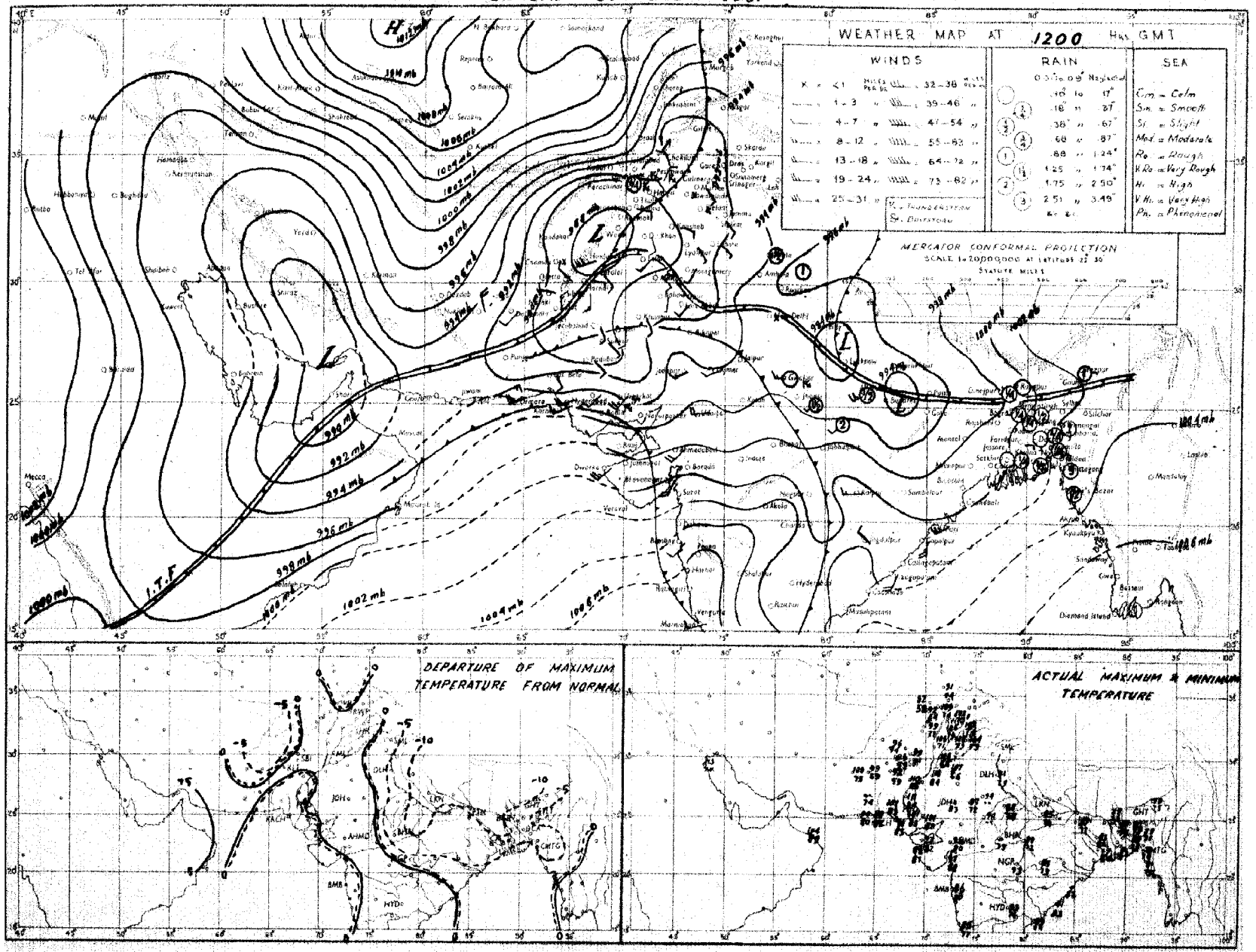
Cloud Observation Data (iiiGG Cddv, v,)

* 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.

M. P. W.

PAKISTAN DAILY WEATHER MAP

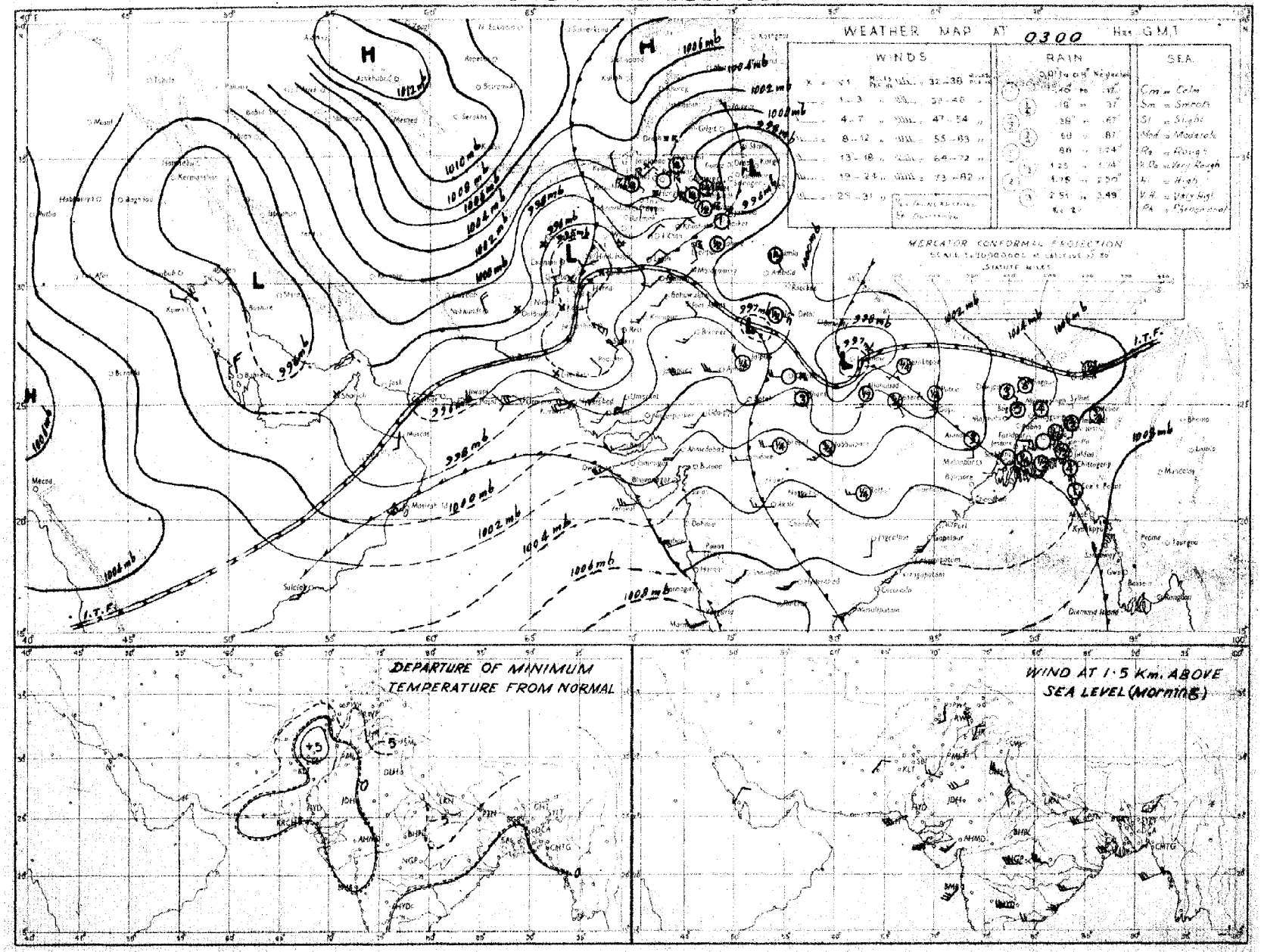
SUNDAY 1st JULY 1951



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

PAKISTAN DAILY WEATHER MAP

MONDAY 2nd: JULY 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-1457

FOR TUESDAY, THE 3RD JULY, 1951

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

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

Yesterday's low over the central parts of United Province persists there.

Seasonal low has shifted northeastwards and is active over the north Punjab and Kumaon hills.

Rainfall has been widespread in East Pakistan. Fairly widespread rain/thundershowers have occurred in the north Punjab and the upper North-West Frontier Province. Scattered duststorms/dustraising winds have also occurred in the south Punjab, Sind and north Baluchistan.

Chief amounts of rainfall are :—Faridpur and Srimangal 2" each ; Comilla and Narayanganj 1¼" each ; Khulna, Dinajpur, Sirajganj, Jhelum and Murree 1" each ; Barisal, Rangpur, Lahore and Khushab ¾" each ; Cox's Bazar, Chittagong and Bogra ½" each ; and Satkhira, Jessore and Parachinar ¼" each.

Day temperatures were considerably below normal in the North-West Frontier Province and appreciably to markedly below normal elsewhere over the country.

Forecast valid until the evening of 4th :—Fairly widespread rain will occur in East Pakistan. Local rain/thundershowers will occur in Kashmir, the North-West Frontier Province and the north Punjab and scattered dust/thunderstorms in the south Punjab.

Karachi-11.
The 3rd July, 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	WtDaDmTxTx	BBBTdTd	N dd ff	VVwwW	PPPTT	NhClhCMCH	WtDaDmTnTn	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	002 78	8 18 05	96 03 6	046 84	8 8 6 0 0	8 × × 00	041 81	6 18 05	96 02 6	069 80	6 8 6 0 0	9 × × 73	+ 4	+ 1	28.7	- 5.6	88.6	140
	Chittagong	000 75	8 00 00	96 02 1	044 79	8 3 4 0 0	- - 85	038 77	8 25 02	97 21 6	060 78	8 7 4 0 0	9 × × 75	- 1	2	27.5	+ 4.4	47.4	108
	Comilla	0×4 75	8 00 00	98 03 6	033 77	8 4 6 0 0	2 0 0 77	139 75	8 18 02	98 03 1	066 77	8 5 7 0 0	7 0 0 75	- 10	2	24.6	+ 4.7	30.3	118
	Brahmanbaria	063 78	8 00 00	96 61 6	935 77	8 7 4 0 0	4 × × 85							—		—	—		94
	Dacca	××× 78	8 00 00	95 63 9	021 78	7 7 3 2 -	6 1 1 85	××× 78	8 13 03	97 01 9	046 79	5 5 6 7 -	9 × × 73	—					79
	Narayanganj	056 77	8 18 08	95 03 6	025 78	0 0 7 2	6 × 0 87	156 79	8 16 02	95 03 6	044 80	3 0 7 2 -	9 × 0 74	- 1	5	23.3	+ 9.7	42.8	74
	Mymensingh	0 5 76	8 00 00	98 02 6	030 82	8 4 7 -	0 × × 84	015 77	5 00 00	99 02 2	065 80	5 4 7 0 0	- - 76	- 3	2	23.8	+ 4.7	26.9	81
	Srimangal	175 75	8 18 02	98 61 6	032 75	5 5 6 2 4	4 × 7 84	247 77	8 13 03	95 60 6	060 76	8 5 7 - -	9 × × 64	- 3	14	20.0	- 0.8	27.3	98
	Khulna	030 78	8 16 02	97 02 6	021 81	8 7 7 - -	- - - 88	097 77	5 18 02	97 02 1	048 86	5 4 8 0 0	- - - 76	9	2	10.1	+ 6.2	16.0	88
	Satkhira	012 80	8 13 03	96 08 6	007 83	6 9 6 6 0	7 0 × 82	020 79	6 23 02	97 03 6	031 84	4 4 7 6 0	3 0 × 76	- 8	2	5.7	7.9	14.2	68
	Jessore	000 78	8 18 06	96 03 1	016 82	6 8 6 0 0	- - - 87	080 78	6 20 05	98 02 6	040 84	0 0 9 5 0	9 × 0 77	—		5.6	8.0	18.2	65
	Faridpur	105 77	8 06 02	95 03 9	023 75	8 7 5 0 0	6 × × 79	178 78	8 06 05	97 01 2	046 82	6 4 6 1 0	4 × × 75	9	3	16.0	+ 2.9	23.8	71
	Barisal	064 78	8 16 02	96 02 6	024 79	3 6 5 - -	5 × × 88	072 77	8 23 03	97 02 6	050 81	3 6 6 7 -	7 × × 76	0	3	13.3	- 3.3	22.4	81
	Pabna																		59
	Rampur Boalia																		66
	Sirajganj	000 78	8 09 02	97 02 2	023 79	8 4 7 - -	- - - 81	089 77	7 13 03	99 01 2	043 80	7 2 7 - -	9 0 0 75	- 6	3	22.2	+ 8.8	36.0	64
	Bogra	020 76	8 00 00	96 62 0	014 80	4 3 6 3 0	- - - 82	050 75	8 13 02	95 21 6	042 77	4 6 4 2 -	- - - 75	- 7	3	23.3	+ 8.7	30.6	69
	Dinajpur	038 77	8 00 00	97 01 6	019 83	0 0 9 1 9	- - - 83	120 70	7 00 00	97 02 2	047 78	0 0 9 2 0	9 0 9 75	- 6	3	19.7	+ 4.6	24.1	72
	Rangpur	063 ××	8 09 02	96 02 6	— —	8 5 8 0 0	9 0 0 —	084 00	8 09 02	97 02 6	— —	8 5 8 0 0	6 0 0 —	—	—	19.4	- 0.1	23.7	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 71	0 09 02	96 05 4	943 97	0 0 9 0 0	9 × × 98	010 71	8 16 05	96 17 9	992 73	6 7 8 0 0	4 0 0 72	- 6	- 11	0.7	- 0.7	5.9	12
	Lahore	000 75	1 36 02	96 01 1	954 91	1 1 7 0 0	- - - 97	069 69	8 36 05	96 95 9	992 71	8 5 5 - -	9 × × 71	- 5	- 9	1.6	- 0.4	5.6	16
	Sialkot	000 74	8 00 00	97 01 1	950 94	1 1 6 1 0	- - - 95	087 71	8 13 02	96 61 9	018 73	8 5 6 - -	4 9 9 70	- 5	- 11	1.9	- 1.8	7.1	32
	Jhelum	035 82	1 28 02	97 02 9	946 94	0 0 9 0 1	9 × - 95	099 72	8 00 00	97 29 9	003 73	2 6 7 2 -	6 × 9 72	—	—	3.8	—	13.1	—
	Rawalpindi	000 70	3 27 03	99 01 1	949 92	0 0 9 1 0	- - - 93	010 67	4 00 00	99 01 9	992 79	4 0 9 3 0	6 0 0 70	- 7	- 7	2.6	- 0.2	15.5	36
	Murree †	000 62	7 09 07	96 02 2	898 67	7 9 3 0 0	9 × × 71	097 47	4 09 00	98 01 9	897 63	0 0 9 5 0	- - 55	+ 5	- 4	5.6	+ 0.7	28.8	49
	Attock	××× ××	4 00 00	97 00 0	—	4 × 7 0 0	—	××× ××	2 26 02	98 00 6	—	2 × 7 0 0	5 6 9 —	—	—	—	—	—	—
	Khushab	000 61	8 20 05	97 01 2	941 97	0 0 9 1 0	- - - 99	070 73	4 09 05	99 01 1	986 77	4 1 6 0 0	- - - 66	- 5	- 17	0.7	- 1.0	5.5	15
	Montgomery	000 79	6 00 00	96 01 1	937 00	0 0 9 7 4	9 0 0 00	000 72	8 31 08	95 05 2	974 85	0 0 9 1 -	8 × 0 85	- 5	+ 1	0.4	0.8	4.1	10
	Leiah	000 90	0 05 05	96 07 8	946 99	0 0 9 0 0	- - - 00	000 82	0 02 10	96 00 0	964 88	0 0 9 0 0	81	—	—	0	—	5.7	8
	Multan	000 78	9 21 05	96 06 3	934 99	0 0 9 - -	9 9 9 00	000 74	9 28 05	95 06 3	962 88	0 0 9 -	9 0 9 87	- 4	+ 1	0	- 0.7	3.1	7
	Khanpur	000 84	0 16 02	94 07 0	930 05	0 0 0 0 0	- - - 05	000 77	0 21 13	94 07 0	967 86	0 0 9 0 0	- - - 84	- 2	+ 1	0.5	+ 0.1	2.2	6
	Bahawalpur	000 70	0 23 02	97 00 0	934 02	0 0 9 0 0	- - - 08	000 73	0 23 12	97 00 0	964 88	0 0 9 0 0	- - - 87	- 2	+ 3	0	- 0.4	3.2	6
	Fort Abbas	000 64	0 23 05	96 00 0	938 02	0 0 9 0 0	0 × × 07	000 65	0 23 05	96 00 0	965 85	0 0 9 0 0	0 × × 70		—	0	—	0.9	8
N. W. F. P.	Drosh *	000 47	3 25 16	97 02 9	230 88	3 3 6 0 0	6 × × 89	000 54	1 00 00	98 03 9	881 74	1 2 6 0 0	9 × × 71	- 6	0	0.2	—	25.0	18
	Chakdara	000 68	0 00 00	99 00 0	984 87	0 0 9 0 0	- - 90							—					—
	Cherat *	000 67	3 16 07	97 01 1	880 80	1 1 9 0 8	3 0 × 80	017 62	0 18 10	97 00 1	900 67	0 0 9 0 0	2 × × 61	- 11	- 11	0.7	- 0.5	2.8	30
	Peshawar	003 71	4 02 03	96 03 6	941 92	3 3 7 3 0	- - 93	001 66	4 07 05	97 03 9	994 80	0 0 9 5 0	9 × 6 73	- 11	+ 3	0.3	0	7.7	14
	Parachinar	035 61	2 13 02	99 01 1	890 79	0 0 9 3 0	5 × 1 80	028 61	6 00 00	98 02 9	898 68	3 2 5 6 0	8 × 0 60	- 9	6	1.2	—	19.1	29
	Miranshah	000 66	5 07 03	96 00 0	868 90	5 2 6 4 5	- - - 90	000 66	6 11 02	97 00 0	901 78	6 4 6 5 2	- - 70	—	—	0.2	- 0.8	7.2	13
	Bannu	000 69	0 05 05	97 05 1	934 94	0 0 9 0 0	- - - 95	000 66	5 09 05	98 03 1	970 88	0 0 9 8 0	- - - 80	—	—	0	—	4.9	11
	D. I. Khan	000 77	0 02 04	95 08 2	940 96	0 0 9 0 0	- - - 06	000 75	0 05 05	96 00 1	963 82	0 0 9 0 0	- - - 73	- 9	10	0	0.7	1.7	9
	Wana																		
	Landikotal	000 74	1 18 03	98 02 2	856 84	1 1 6 0 0	- - 07	000 64	6 05 02	99 02 1	900 75	6 3 6 0 0	- - - 71	—	—	0	—	9.6	11
	Hangu	××× ××	6 00 00	97 03 1	— —	0 0 9 4 0	6 9 8 ××	××× ××	0 00 00	97 00 1	— —	0 0 9 0 0	9 × × —	—	—	—	—	—	—
	Thall	××× ××	7 18 00	98 08 1	— —	8 8 7 3 1	—	××× ××	5 36 18	98 03 1	—	3 5 7 2 1	- 9 9 —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 17	0 18 09	96 07 3	856 98	0 0 9 0 0	9 × × 01	000 53	0 00 00	95 45 7	905 78	0 0 9 0 0	9 × × 72	- 2	4	0	- 0.7	5.9	11
	Hindubagh	000 10	0 23 11	97 00 0	923 90	0 0 9 0 0	- - - 90	000 22	0 23 13	97 00 0	909 77	0 0 9 0 0	- - - 66		—	0	—	8.3	—
	Loralai	000 61	0 23 09	94 07 0	834 93	0 0 9 0 0	- - - 97	000 57	0 00 00	98 00 0	878 78	0 0 9 0 0	- - - 68	—	—	0.1	—	6.5	—
	Harnai (a)	000 ××	9 31 05	93 05 4	—	0 0 - -	—	000 ××	0 00 00	95 00 0	—	0 0 9 0 0	—	—		0	- 0.9	8.6	14
	Sibi	000 64	0 18 13	98 00 0	915 10	0 0 9 0 0	- - - 10	000 73	0 18 05	97 00 0	968 92	0 0 9 0 0	- - - 90	—	—	0		1.5	5
	Quetta †	000 00	0 27 10	95 05 0	916 91	0 0 9 0 0	- - - 98	000 52	0 00 00	97 07 0	900 71	0 0 9 0 0	- - - 55	—	—	0	- 0.2	6.5	9
	Chaman	000 71	0 28 01	97 00 0	869 94	0 0 9 0 0	- - - 96	000 52	0 28 05	97 00 0	895 73	0 0 9 0 0	- - - 87	- 6	- 9	0	0	9.5	6
	Nushki	000 68	0 27 09	97 00 0	923 01	0 0 9 0 0	- - - 02	000 58	0 00 00	96 00 0	952 82	0 0 9 0 0	- - - 74	—	—	0	—	5.4	—
	Dalbandin *	000 56	0 27 02	94 05 0	879 02	0 0 9 0 0	- - - 03	000 50	0 ×× ××	94 05 0	899 80	0 0 9 0 0	- - - 69	- 6	6	0	0	1.8	4
	Nokkundi	000 45	0 34 1[illegible]	95 05 1	932 00	0 0 9 0 0	9 × × 01	000 53	0 32 24	98 00 0	992 81	0 0 9 0 0	- - - 76	—	—	0	—	0.9	2
	Kalat †	000 56	0 36 09	98 00 0	905 84	0 0 9 0 0	- - - 88	000 50	0 18 02	98 00 0	921 67	0 0 9 0 0	- - - 54	- 8	8	0	- 0.2	9.0	7
	Turbat	000 78	0 00 00	97 00 0	940 16	0 0 9 0 0	- - - 16	000 79	0 00 00	96 00 0	011 86	0 0 9 0 0	- - - ××	—		0	—	1.4	—
	Panjgur *	000 66	0 31 10	97 00 0	869 97	0 0 9 0 0	- - - 97	000 71	0 31 05	97 00 0	908 89	0 0 9 0 0	- - - 77	- 6	+ 3	0	—	3.2	4
	Las Bela	000 77	0 16 06	99 00 0	944 95	0 0 9 0 0	- - - 05	000 78	0 00 00	99 00 0	899 85	0 0 9 0 0	- - - 81	—	—	0	—	0.1	6
	Ormara	000 77	4 25 18	95 03 1	983 87	4 5 6 0 0	- - - 88	000 75	4 28 09	95 03 1	003 84	4 5 6 0 0	- - - 82	—	—	0	0	2.7	6
	Pasni	000 77	0 23 09	96 00 0	959 87	0 0 9 0 0	- - - 90	000 75	6 11 03	96 02 0	001 84	6 5 5 0 0	- - - 80	- 2	+ 1	0	- 0.3	4.2	4
	Jiwani																		4
SIND	Reti	000 72	0 09 02	96 00 0	937 07	0 0 9 0 0	- - - 07	000 74	0 18 09	96 00 3	978 84	0 0 9 0 0	1 × × 83	—		0	—	0.5	—
	Jacobabad	000 70	9 13 10	95 06 0	926 05	9 - 0 - -	- - - 07	000 73	0 18 05	96 00 0	961 88	0 0 9 0 0	- - - 85	- 4	0	0	- 0.8	0.5	4
	Sukkar	000 75	0 13 02	95 05 1	921 07	0 0 9 0 0	8 × × 08	000 74	0 25 03	95 05 1	960 84	0 0 9 0 0	- - - 88	—	—	0	—	0.5	4
	Pad Idan	000 64	6 16 09	97 01 1	918 08	0 0 9 0 8	8 9 × 09	000 74	2 13 09	98 01 1	950 87	0 0 9 0 8	9 9 × 83	—		0	—	0.1	—
	Karachi (Manora)	000 77	5 25 09	96 05 2	971 87	5 6 4 0 0	- - - 90	000 74	6 25 13	95 05 2	999 84	6 6 4 0 0	- - - 83	0	+ 1	0	- 0.8	0	8
	Karachi (A. P.)	000 79	6 23 16	96 08 1	970 87	6 6 5 0 0	- - - 92	000 74	5 25 10	96 05 1	001 85	5 6 4 0 0	- - - 82	—	—	0		0.1	—
	Badin							000 74	0 23 10	97 00 1	998 86	0 0 9 0 0	- - - 82		0	0	1.7	0	8
	Nagarparkar																		
	Chhor (Umarkot)	000 74	0 22 24	97 80 9	913 95	0 0 9 0 0	- - - 02	000 76	2 18 14	97 10 3	989 86	0 0 9 0 2	- - - 80	—	—	0	—	0	—
	Hyderabad	000 72	0 23 05	96 00 0	959 94	0 0 9 0 0	- - - 99	000 75	0 28 07	94 00 0	××× ××	0 0 9 0 0	- - - 82	- 2	0	0	- 0.6	0.2	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 43	1 02 02	98 01 0	917 87	0 0 9 0 0	- - - 88							—	—				13
	Jalalabad	000 68	2 05 05	97 01 1	979 95	0 0 9 7 0	8 × 9 95	000 64	5 00 00	96 17 5	985 81	0 0 9 5 0	9 × 9 77	—	—	0	—	4.4	—
	Kandahar	000 43	0 21 05	98 00 0	931 95	0 0 9 0 0	- - - 95	000 38	0 00 00	97 00 0	857 70	0 0 9 0 0	- - - 62	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT
FOR TUESDAY THE 3RD JULY, 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	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_t D_s D_M T_x T_x$	RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_t D_s D_M T_n T_n$	$T_x T_x$	$T_n T_n$	Since 1st 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
Iran	Charbar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
	Jask	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
	Mashed	...	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
	Bushire		...	–				–		–		–	–	–	–		–	–	11
Arabia	Muscat	000 32	0 36 02	93 00 0	950 92	0 0 9 0 0	- - - 95	000 34	0 09 02	98 00 0	978 80	0 0 9 0 0	- - - 88	- 3	...	0	- 0.1	3.3	4
	Sharjah													–			–	–	4
	Kuwait	000 26	0 27 05	92 00 0	981 15	0 0 9 0 0	- - - 15	000 63	0 27 09	96 00 0	985 91	0 0 9 0 0	- - - xx	–	–	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 (6,690-6,712 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	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 N_s C $h_s h_s$	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										
Bharatratna	22 224	682 05	4 23 18	96 02 1	846 86	–	–	–	–	–
Henarbenar	23 072	774 06	2 29 11	98 02 1	100 82	32 9 00	2 4 200	.	0 00 xx	1 25 x2
City of Barcelona	23 115	628 06	7 28 18	97 05 2	022 63	76 5 00	1 4 385	..	0 03 79	1 23 x4
City of Khies	23 077	674 06	2 27 09	99 02 0	109 86	23 5 00			–	–
Twickenhan	23 076	730 06	2 24 05	99 03 1	115 85	21 4 00	6 2 xxx	–	0 00 78	1 20 22
Friesland	27 060	034 00	3 10 09	98 01 1	108 82	32 4 00	6 5 614	–	0 54 75	1 16 65
Acvon	23 108	633 00	1 24 25	98 02 0	009 81	12 6 00	5 5 612	–	0 51 74	1 25 50
Geradruer	23 071	785 12	6 27 12	97 03 1	073 82	70 7 7	2 4 300	–	0 00 x	1 18 54
City of Khios	23 079	750 12	5 28 10	99 02 0	081 83	31 6 00		–		
Bharatratnh	23 227	691 12	6 22 18	96 03 1	024 85	–	–	–	–	–
City of Bristal	23 102	735 12	7 26 07	97 02 2	087 83	21 5 01	8 6 806	–	0 03 75	1 06 21
Bharatratna	23 212	697 18	6 20 18	96 02 1	952 68	–	–	–	–	–
City of Bristol	23 104	722 18	5 26 07	97 18 2	108 61	52 5 00	6 6 204	–	0 58 71	1 xx xx
Caledonia	23 194	597 18	6 22 19	97 02 1	011 82	00 9 10	2 6 300	–	0 52 78	–
Genardree	23 078	776 06	2 29 11	98 02 1	100 82	32 9 00	2 4 300	–	0 00 xx	1 25 x2
Castel Bianco	25 020	701 00	7 16 12	96 32 8	445 70	35 2 04	–	–	0 54 79	–

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 $h_s h_s$	O $T_s T_s$ $T_d T_d$	1 $d_w d_w P_w H$
1	2	3	4	5	6	7	8	9	10	11
BAY OF BENGAL										
Taksang	22 177	908 12	5 23 12	98 01 0	061 84	12 x 19	3 4 800	–	1 22 79	–

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	29
Karachi	760 15	996 29	261 60	854 67	201 84	700 19	180 47	509 40	029 94	202 32	719 24	201 61	009 91	555 55	309 20	242 21	478 45	301 72	660 00	211 01	847 48	210 45	456 00	180 14	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. ††)										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	09 02	36 05	25 12	25 13	25 18												17 10	21 13	22 15					
Chhor																		25 55	23 50	23 20	25 27			
Chittagong											21 17						22 06	25 11	24 13					
Cox's Bazar	21 19	21 23									21 14	23 16	25 09	25 08			24 13	24 14	25 13	25 17				
Dacca																	20 13	21 16	25 23					
Dalbandin			16 02	14 02	25 02	36 02	11 13	09 24	06 30				34 15	34 08	01 06	01 18			27 04	27 08	25 19	27 14		
Drosh					22 10	18 10								22 05	20 07	20 09					23 05	22 03	03 19	26 17
Fort Sandeman				02 01	28 02	18 12								03 10	22 15					31 05	23 10	22 13		
Jacobabad	13 07	12 07	18 05	06 07							18 19	20 16	20 07	24 08	26 09	24 18	13 09	31 05	34 04	34 08	22 13	34 09	26 04	
Jhelum	01 05	04 06	04 05	03 05	02 07	05 11	08 22	26 31	18 47		16 05	09 03	10 06	15 08	24 07	26 08	06 05	08 17	10 24	11 20	25 09	24 19	29 27	
Jiwani																								
Karachi	25 17	26 23	26 23								25 21	26 19	26 19	26 07	16 04		25 17	26 18	27 17					
Khanpur	10 08	20 01	19 02	18 07	12 06						19 10	20 23	20 23	21 22	28 31		20 19	22 20	22 16	27 11	29 14	28 12		
Lahore	27 01	12 02	03 05	32 05							25 07	23 13	22 18	22 21	22 27									
Multan											16 13	16 17	16 10	27 07	24 13	29 09	22 13	23 19	25 16					
Peshawar		12 04	17 04	33 03	20 05	30 09						05 17	06 11	21 05	18 14			26 08	25 08	15 27	05 12	34 02	20 15	29 30
Quetta					26 11	34 04									27 21						25 11	27 31		
Veraval																								
Shariah																								

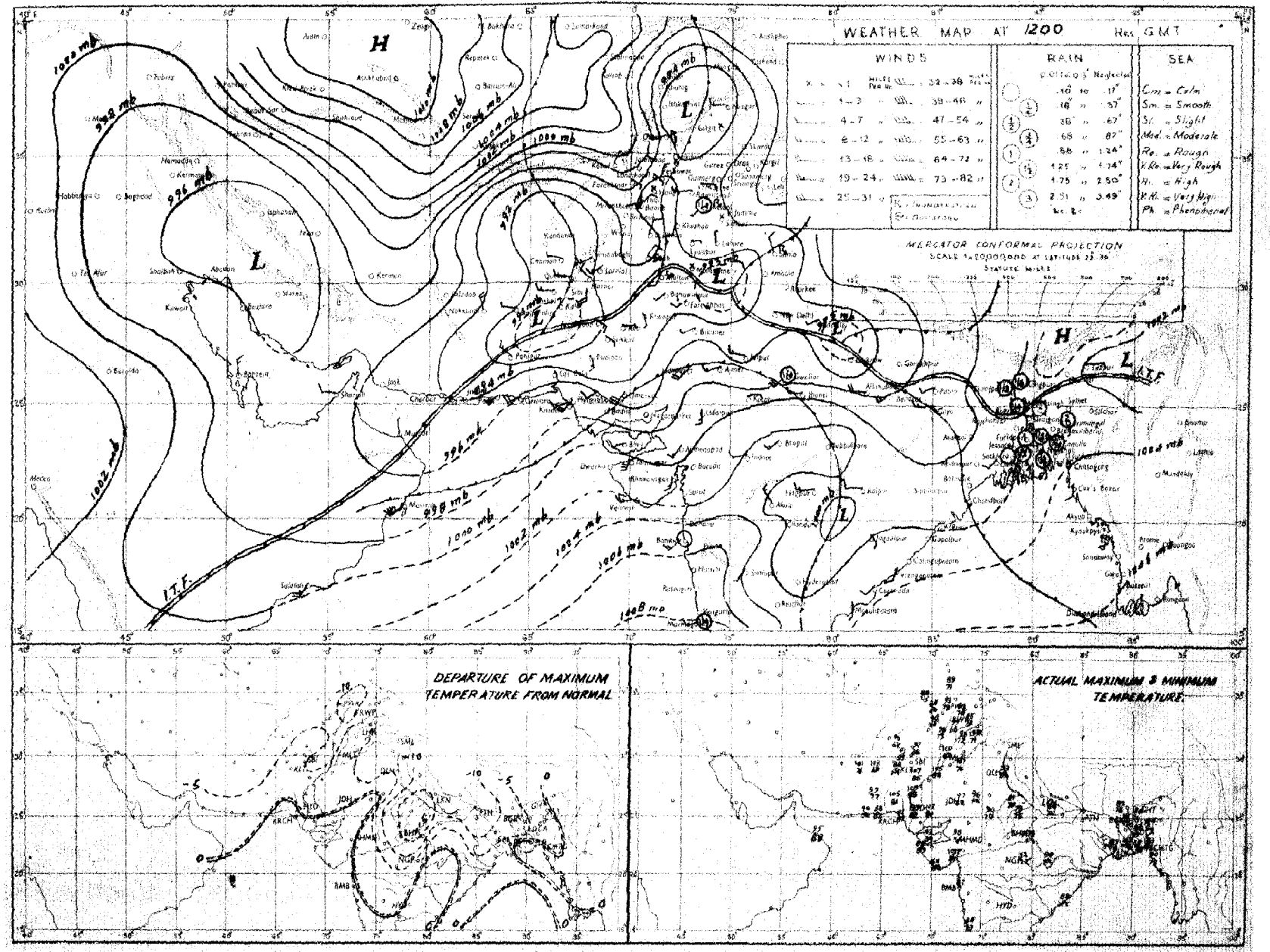
Cloud Observation Data (iiiGG Cddv, v,)

* 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.

M. P. W.

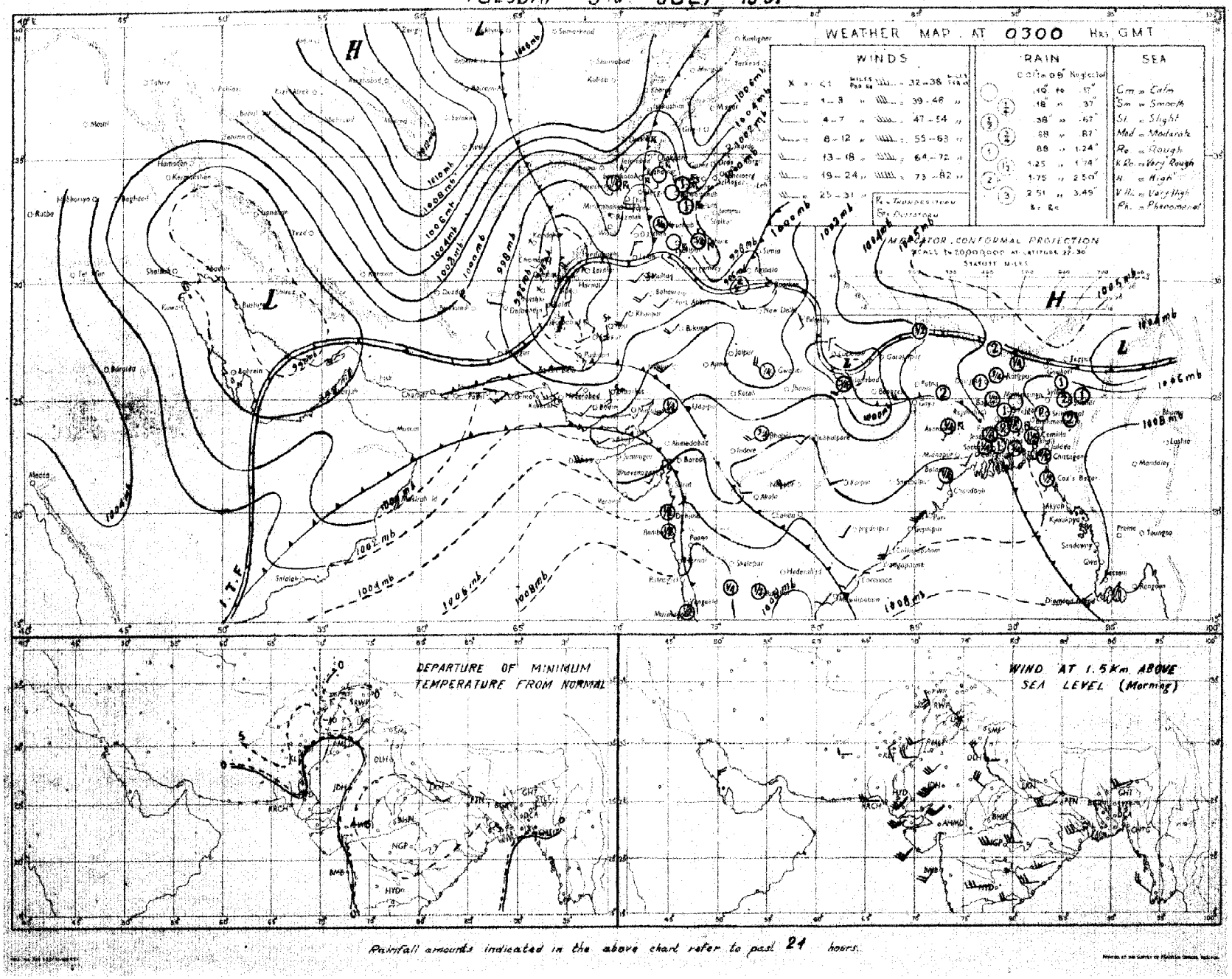
PAKISTAN DAILY WEATHER MAP

MONDAY 2nd JULY 1951.



PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd JULY 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-1467

FOR WEDNESDAY, THE 4TH JULY, 1951

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

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

A low lies over the plains of Punjab. Seasonal low extends from Sind to Gulf of Oman.

A low pressure wave is moving eastwards across Kashmir.

A low lies over Bihar with its trough extending to northeast Bay of Bengal.

Widespread rain has occurred in East Pakistan. Local rain/thundershowers have been reported from the north Punjab and the North-West Frontier Province. Local dust/thunderstorms and a few showers have occurred in the south Punjab.

Chief amounts of rainfall are:—Jessore 4"; Narayanganj 3"; Comilla 2½"; Srimangal, Brahmanbaria, Faridpur and Parachinar 1½" each; Khulna, Chittagong and Montgomery 1" each; Sathkira ¾"; Dinajpur, Rangpur and Miranshah ½" each; and Cox's Bazar, Barisal, Lyalpur, Multan and D. I. Khan ¼" each.

Day temperatures were considerably below normal in the north Punjab and the upper North-West Frontier Province and appreciably to markedly below normal elsewhere over West Pakistan.

Forecast valid until the evening of 5th:—Fairly widespread rain/thundershowers will occur in East Pakistan, Kashmir, the North-West Frontier Province and the north Punjab. Local dust/thunderstorms will also occur in south Punjab and upper Sind.

Karachi-11.
The 4th July, 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	$N_hC_Lh\,C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_sD_MT_nT_n$	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	010 79	4 18 08	96 02 6	030 83	4 2 6 0 0	8 - - 90	080 80	4 18 01	95 61 6	061 84	2 2 6 2 0	9 × 77	+ 4	0	28.8	- 6.6	38.7	140
	Chittagong	000 75	2 18 05	96 02 1	030 84	2 6 5 0 0	- - - 85	120 77	8 16 02	96 21 6	016 80	8 7 4 - -	9 - - 75	- 1	2	23.7	+ 5 9	46 6	108
	Comilla	000 79	7 18 18	98 03 1	025 84	7 4 7 0 0	- - - 84	250 76	8 18 09	98 05 6	036 76	8 4 7 - -	4 - - 74	- 8	- 3	27.1	+ 6.6	32.8	113
	Brahmanbaria	000 79	4 18 02	97 02 1	022 85	4 4 5 3 0	- - × 88	162 76	6 18 02	97 03 1	046 77	8 5 5 - -	- - × 75	—	—	7.3	- 8.5	13.2	86
	Dacca	××× 80	6 20 08	97 01 9	009 85	4 8 6 2 0	3 - × 88	××× 76	8 18 01	96 02 5	025 79	8 5 4 2 0	2 × 72	—	—	—	—	—	78
	Narayanganj	000 79	7 18 08	95 03 2	007 85	1 2 5 0 0	8 × - 88	335 77	8 18 02	95 21 6	025 78	0 0 7 2 -	9 - × 75	0	- 4	26 6	+ 12.6	45 6	74
	Mymensingh	000 78	6 00 00	99 02 2	008 84	5 4 7 0 0	- - 87							0					91
	Srimangal	000 76	4 16 08	97 01 6	023 84	2 2 7 0 1	- × - 89	161 77	7 16 02	97 02 6	038 79	6 8 5 4 1	5 6 3 76	+ 2	- 3	21.6	- 0 8	23.8	88
	Khulna	087 76	7 13 02	97 03 6	014 82	7 7 8 0 0	8 - - 92	109 76	6 18 02	97 08 2	020 83	6 4 7 0 0	- - - 76	+ 4	- 2	11.2	3.2	19 1	60
	Satkhira	000 80	6 23 03	97 03 1	002 83	4 4 7 6 0	9 - × 92	087 79	6 28 02	97 08 5	017 82	4 4 7 6 0	- - - 72	+ 3	- 6	6.5	7.5	15.1	65
	Jessore	000 78	6 18 06	96 02 1	006 91	6 1 6 0 0	- - - 95	088 79	6 13 05	96 02 6	024 80	1 8 6 5 0	9 - × 75	—		9 4	4 5	17.1	65
	Faridpur	000 79	5 07 02	95 03 1	013 86	3 5 6 1 0	9 - × 88	129 76	8 06 08	97 01 6	023 79	6 5 6 1 0	9 × 75	0	- 3	17 8	+ 2 9	24 6	71
	Barisal	006 74	8 18 02	97 03 6	020 81	× 9 6 2 0	8 × × 87	018 76	6 16 02	97 02 6	032 83	2 4 6 2 -	4 - × 78	1	1	18 5	- 8.7	22.5	81
	Pabna																		50
	Rampur Boalia								8 13 05	99 02 2	023 80	8 2 7 - -							58
	Sirajganj	000 80	1 13 02	99 01 1	000 87	1 1 7 - -	- - - 88	007 77	7 16 02	96 03 9	021 81	5 8 6 2 0	9 - - 76	+ 1	- 2	22 8	+ 8 4	36.1	64
	Bogra	000 71	3 27 03	96 01 1	009 89	2 9 6 2 0	- - × 69	902 77	7 00 00	97 02 2	028 81	7 8 7 0 0	- - × 77	0	- 1	28 8	+ 8 2	30.6	60
	Dinajpur	019 76	6 00 00	97 58 1	014 81	0 0 9 7 0	9 - 3 87	041 78	3 09 02	97 02 6	— —	8 5 8 - -	9 - - 76	- 2	- 2	20 2	+ 4.4	24.5	72
	Rangpur	005 ××	7 08 02	96 02 6	— —	7 5 6 0 0	- - - ××	051 ××					- - - ××	—	—	19.8	- 0.3	24.2	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 75	0 07 08	96 00 5	960 90	0 0 9 0 0	9 × × 92	025 69	5 05 05	96 02 9	006 76	0 0 9 0 4	9 8 - 73	- 12	- 10	1.0	- 0.5	5.2	12
	Lahore	008 71	8 00 00	96 02 9	978 87	2 5 7 2 -	8 × 9 88	015 69	5 13 03	96 02 9	017 77	2 5 7 4 0	7 - 7 71	- 14	- 9	1.7	- 0.4	5.7	19
	Sialkot	014 76	0 28 02	96 00 9	972 90	0 0 9 0 0	- - - 90	014 70	6 16 06	97 ×× ×	014 80	6 0 8 4 0	- - × 72	- 10	- 9	2.0	- 1.4	7.2	32
	Jhelum	000 81	1 18 02	97 03 0	975 89	0 0 9 0 1	- - - 90	000 75	5 00 00	96 03 1	012 81	1 1 7 7 0	- - × 78	—	—	3.8	—	13.1	—
	Rawalpindi	000 66	4 18 03	99 01 1	974 89	0 0 9 3 0	- - - 91	000 60	2 00 00	99 01 1	018 82	0 0 9 3 0	- - × 74	- 9	- 3	2.6	- 0.4	13.5	36
	Murree †	000 55	5 13 06	97 02 1	912 68	5 7 4 0 0	9 × × 70	000 56	5 27 05	97 02 1	926 62	8 1 4 5 0	9 6 58	- 6	- 1	6.6	+ 0.4	28.2	58
	Attock	××× ××	2 17 06	93 00 0	—	2 × 7 0 0	- - - —	××× ××	6 23 04	96 00 0	— —	0 0 6 2	- - × ××	—		—	—	—	—
	Khushab	000 75	0 09 06	98 00 0	969 89	0 0 9 0 0	- - - 96	000 68	0 36 02	99 00 0	018 83	0 0 9 0 0	- - - 72	- 14	- 11	0.7	1.1	5.5	11
	Montgomery	000 78	8 00 00	96 03 2	948 99	0 0 9 1 7	9 0 0 00	006 71	8 31 03	96 03 9	986 73	8 8 6 - -	- - 73	- 5	- 10	1.4	+ 0.1	5.0	10
	Leiah	000 90	2 36 02	96 01 0	944 01	0 0 9 3 0	- - - 02	000 75	0 09 02	97 00 5	016 82	0 0 9 0 0	9 - - 75	—	—	0	—	5.7	5
	Multan	000 78	9 18 05	96 06 3	941 03	0 0 9 - -	9 9 9 03	029 78	8 09 05	96 01 6	008 77	0 0 9 7 -	7 - - 74	0	- 12	0 3	- 0 5	3 3	7
	Khanpur	000 88	0 18 03	94 07 0	934 06	0 0 9 0 0	- - 06	000 68	0 27 02	94 07 0	010 86	0 0 9 0 0	- - 84	1	+ 1	0.3	0	2.2	6
	Bahawalpur	000 68	8 18 03	97 02 1	941 02	0 0 9 0 6	2 9 × 04	000 67	8 09 10	96 02 1	010 82	0 0 9 0 6	4 9 - 80	- 1	4	0	- 0.5	3.1	6
	Fort Abbas	000 65	0 28 05	96 00 0	947 02	0 0 9 0 0	0 × × 04	000 70	0 81 03	96 00 0	998 78	0 0 9 0 0	- - - 69	—	—	0	—	0.9	2
N. W. F. P.	Drosh *	002 41	5 26 14	97 02 9	866 81	5 3 6 0 0	7 × × 84	008 50	4 00 00	98 01 9	929 68	2 5 6 3 0	9 - 9 64	- 11	- 7	0.3	—	25 0	18
	Chakdara	000 56	0 12 09	99 00 0	970 85	0 0 9 0 0	- - - 91	000 68	8 31 05	98 02 1	011 73	8 5 6 - -	2 - - 72	—	—	0.1	—	12.5	—
	Cherat *	000 63	6 16 10	97 03 1	895 75	0 0 9 8 0	6 × 6 80	000 40	0 36 14	98 03 1	925 65	0 0 9 6 0	- - - 61	- 11	- 11	0.7	- 0.5	22.8	29
	Peshawar	000 67	6 05 03	96 02 1	963 91	5 4 6 2 0	- - 91	005 57	6 20 06	97 29 9	018 76	5 9 6 2 0	2 × × 76	- 18	- 4	0.4	0	7.7	14
	Parachinar	014 65	6 13 02	96 09 9	911 65	2 3 5 6 0	5 × 7 76	136 55	4 04 09	99 17 9	923 65	0 0 9 6 0	1 - 3 54	18	- 12	2.6	—	20 4	29
	Miranshah	000 70	6 07 07	93 00 0	881 87	6 3 6 6 3	- - - 91	166 66	7 00 00	97 23 6	871 79	7 3 6 7 5	- × × 68	—	—	0.7	- 0.3	7.8	19
	Bannu	000 68	2 09 05	98 03 1	955 92	2 5 8 0 0	- - - 94	000 70	9 00 00	95 05 1	007 82	9 0 - -	- - - 79	—	—	0	—	4.9	13
	D. I. Khan	000 77	0 03 05	94 06 0	944 95	0 0 9 0 0	- - - 94	023 74	0 09 02	96 00 1	007 78	0 0 9 0 0	- - - 69	- 1	14	0.3	0.5	2 0	9
	Wana																		
	Landikotal	000 66	6 13 03	98 02 9	871 84	5 5 6 0 0	- - - 86	017 59	5 00 00	99 02 9	918 69	5 7 6 0 0	- - - 68	—	—	0.2	—	9.8	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	××× ××	× 09 13	98 60 6	— —	× × - -	- - - —	××× ××	4 36 09	98 01 1	—	2 8 7 1 1	- - - ××	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 24	0 00 00	97 00 0	850 98	0 0 9 0 0	- - - 01	000 65	5 05 08	95 08 1	899 76	5 5 6 0 0	- - - 72	- 2	- 4	0	- 0.8	5.9	15
	Hindubagh	000 23	0 28 12	97 00 0	890 86	0 0 9 0 0	- - - 89	000 19	0 25 03	98 00 0	919 75	0 0 9 0 0	- - - 61	—	—	0	—	3.3	—
	Loralai	000 60	0 28 09	96 00 0	853 91	0 0 9 0 0	- - - 93	000 65	0 27 02	96 00 0	894 73	0 0 9 0 0	- - - 61	—	—	0.1		6 5	—
	Harnai (a)	000 ××	0 27 05	96 00 0	—	0 0 9 0 0	- - - —	000 ××	0 00 00	96 00 0	—	0 0 9 0 0	- - - ××	-	-	0	1.0	8.6	14
	Sibi	000 63	0 18 05	98 00 0	915 11	0 0 9 0 0	- - - 11	000 73	0 23 05	97 00 0	971 90	0 0 9 0 0	- - - 89	—	—	0		1.5	5
	Quetta †	000 38	0 26 07	97 06 0	906 66	0 0 9 0 0	- - - 88	000 37	0 00 00	97 07 0	902 72	0 0 9 0 0	- - - 52	—	—	0	0.2	3.3	9
	Chaman	000 68	0 18 05	97 00 0	877 90	0 0 9 0 0	- - - 91	000 54	0 23 05	97 00 0	914 76	0 0 9 0 0	- - - 68	- 11	- 13	0	0	9.5	8
	Nushki	000 76	0 31 04	96 00 0	939 98	0 0 9 0 0	- - - 00	000 84	0 31 09	96 00 0	962 82	0 0 9 0 0	- - - 75	—	—	0		5.4	—
	Dalbandin *	000 44	0 31 07	94 05 0	887 01	0 0 9 0 0	- - - 03	000 44	0 00 00	94 05 4	906 77	0 0 9 0 0	- - - 69	- 6	- 6	0	0	1.8	4
	Nokkundi	000 53	0 34 18	95 05 0	955 98	0 0 9 0 0	0 × × 99	000 60	1 02 05	99 08 1	992 85	0 0 9 0 2	2 × - 78	—	—	0	—	0.9	2
	Kalat †	000 60	0 32 05	98 00 0	914 81	0 0 9 0 0	- - - 84	000 46	0 00 00	98 00 0	932 84	0 0 9 0 0	- - - 48	- 7	14	0	- 0.2	9.0	7
	Turbat	000 82	0 00 00	97 00 0	953 14	0 0 9 0 0	- - - 14	000 80	0 00 00	96 00 0	996 87	0 0 9 0 0	- - - 82	—	—	0	—	1.4	—
	Panjgur *	000 91	0 31 10	97 00 0	899 96	0 0 9 0 0	- - - 97	000 74	0 31 06	97 00 0	913 81	0 0 9 0 0	- - - 73	- 6	- 1	0	—	2.2	3
	Las Bela	000 75	0 16 06	99 00 0	965 98	0 0 9 0 0	- - - 05	000 75	0 00 00	99 00 0	906 85	0 0 9 0 0	- - - 81	—	—	0	—	0.1	8
	Ormara	000 76	2 25 13	96 03 0	981 87	2 5 6 0 0	- - - 88	000 77	4 25 09	96 03 1	009 88	4 5 6 0 0	- - - 81	—	—	0	0	2.7	6
	Pasni	000 77	0 28 07	96 00 1	978 87	0 0 9 0 0	- - - 90	000 76	5 11 03	96 02 1	009 82	5 5 7 0 0	- - × 76	- 2	- 3	0	- 0 8	4.2	6
	Jiwani																		4
SIND	Bati	000 73	0 18 02	96 00 0	988 06	0 0 9 0 0	- - - 07	000 73	0 09 05	96 01 2	010 85	0 0 9 0 0	- - - 82	—	—	0	—	0.3	—
	Jacobabad	000 62	0 18 05	96 05 0	923 10	0 0 9 0 0	- - - 10	000 73	0 09 14	95 05 0	990 87	0 0 9 0 0	- - - 84	- 1	- 1	0	0.4	0.5	4
	Sukkur	000 78	0 00 00	96 65 1	927 07	0 0 9 0 0	- - - 07	000 74	0 11 03	96 00 1	978 84	0 0 9 0 0	- - - 81	—	—	0	—	0.5	4
	Pad Idan	000 63	1 18 02	98 01 1	927 10	0 0 9 0 1	8 9 × 10	000 72	2 18 05	98 01 1	966 87	0 0 9 0 8	9 9 81	—	—	0	—	0.1	—
	Karachi (Manora)	000 77	4 25 13	95 05 1	987 87	4 5 4 0 0	- - - 88	000 75	6 25 13	95 05 2	008 84	6 6 4 0 0	- - - 88	- 2	+ 1	0	- 0 8	0	8
	Karachi (A. P.)	000 78	5 25 17	96 03 2	988 88	5 4 5 0 0	- - - 91	000 78	5 25 10	96 03 1	010 84	5 6 4 0 0	- - - 82	—	—	0	—	0 1	—
	Badin	000 73	6 23 10	97 03 3	976 93	0 0 9 4 0	6 0 5 96	000 76	6 23 09	97 03 3	008 84	0 0 9 4 0	7 - 5 81	- 1	- 1	0	1.8	0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 69	0 22 19	97 30 5	970 97	0 0 9 0 0	- - - 01	000 79	2 22 14	97 10 1	997 85	0 0 9 0 2	- × - 81	—	—	0	—	0	—
	Hyderabad	000 72	0 23 09	96 05 0	972 94	0 0 9 0 0	- - - 00	000 73	0 23 10	96 07 0	991 85	0 0 9 0 0	- - - 81	- 1	- 1	0	- 0.6	0.2	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul	000 48	2 02 08	98 01 1	964 83	1 8 8 2 0	- - - 86	000 48	1 34 03	98 01 0	968 68	0 0 9 0 1	- × - 64	—	—	0	—	9.9	12
	Jalalabad	000 66	2 09 04	97 00 1	981 94	0 0 9 7 0	8 × 9 96	051 65	2 00 00	97 01 6	992 75	0 0 9 7 0	4 - 9 67	—	—	0.5	—	6.9	—
	Kandahar																		—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY THE 4TH JULY, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVww W	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. RRR T_dT_d	N dd ff	VVwwW	PPP TT	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 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 85	0 36 05	97 00 0	971 90	0 0 9 0 0	- - - 94	000 85	0 36 05	97 00 0	980 88	0 0 9 0 0	- - - 88	- 4	- 2	0	- 0.1	2.5	4
	Sharjah																		4
	Kuwait	000 68	0 18 02	96 00 0	970 04	0 0 9 0 0	- - - 08	000 67	0 27 02	96 00 0	995 90	0 0 9 0 0	- - - 86	—	—	0	—	1.5	1

* Barometer readings reduced to 1 geodynamic Kilometre 3,350-3,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,689-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,040,-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 C h_sh_s	O T_sT_s T_dT_d	1 d_wd_w P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caledonia	33 205	612 00	5 22 18	98 01 2	999 82	64 6 00	2 6 810	—	0 00 76	—
Devon	33 121	537 00	2 21 12	98 01 1	046 80	xx x xx	6 4 620		0 51 73	1 24 49
City of Bristol	33 108	590 06	2 26 13	97 01 1	094 83	21 5 00	6 6 104	—	0 00 74	1 26 32
Dwjcken	33 076	700 08	3 26 05	99 02 1	117 84	22 4 40	6 8 xxx		0 00 80	1 26 33
Bharatsina	33 200	711 05	6 23 18	96 02 2	030 85		—	—	—	—
City of Khios	33 601	719 06	1 29 09	99 02 0	109 95	11 6 00		—	—	—
Caladonia	33 234	650 18	5 22 18	97 01 1	023 84	00 9 10	2 6 310	—	0 52 72	—
City of Bristol	33 310	676 12	1 26 13	97 02 0	077 83	12 5 00	5 5 811	—	0 00 75	1 26 32
Bharatratna	33 194	720 12	6 23 13	96 02 1	054 94			—	—	—
Caladonia	33 221	838 12	7 22 16	97 01 2	010 90	74 5 00	2 6 300	—	0 07 79	—
City of Khios	33 084	709 12	3 27 11	99 02 8	088 84	33 6 00	—	—	—	—
Barcilona	33 239	656 06	6 22 18	97 05 2	022 87	34 5 10	1 4 300	—	0 03 89	—
Caladonia	33 214	626 06	5 22 13	97 01 1	036 68	00 9 10	2 6 330	—	0 07 78	—
Salawati	33 070	788 12	1 30 13	98 03 0	094 86	10 8 60	2 4 616	—	0 03 84	1 28 32
Ravello	32 008	695 18	0 18 12	81 02 0	231 82	00 9 00	7 4 890	—	0 00 75	1 18 31
New Australia	35 038	730 06	5 22 10	97 65 0	127 85	66 3 —	7 6 320	—	0 02 78	1 30 x1
BAY OF BENGAL										
Empire Pride	33 050	834 08	5 24 14	98 02 1	105 82	51 5 00	2 5 000		0 00 75	1 25 32
Jaksang	32 140	936 12	6 27 09	82 02 1	091 84	23 4 66	2 5 300	8 4 200	0 51 77	1 20 32

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	29
Karachi	780 15	997 20	262 60	854 70	250 63	760 25	185 44	509 35	029 07	302 36	729 91	201 75	930 91	555 55	319 00	231 98	333 83	231 83	448 21	275 26	648 00	265 58	456 00	089 97	495 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
1	2	3	4	6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	18 11	20 00	20 12	—	—	—	...	—	—		20 11	23 08	22 07	25 12	—	—	19 08	19 10	18 06	—	—	—	—	—
Chhor	28 19	28 27	23 30	—	—	...		—	—		—	—	...	—	—	—	21 27	22 33	22 21	—	—	—	—	—
Chittagong	19 15	21 12	—		—	—	—		—	—	...	—	—	—	—	—	20 09	21 12	—	—	—	—	—	—
Cox's Bazar	21 12	22 12	24 10	27 11	26 19		—	·	—	—	—	—	—	...	—	—	22 11	25 12	25 15	—	—	—	—	—
Dacca	20 07	21 11	—		—	—	—	—		—	—		—	—		—	21 15	33 18	24 20	24 00	—	—	—	—
Dalbandin	—	—	24 02	31 05	31 06	33 16	32 17	—	—	—	—	...	24 11	26 12	35 17	—	—		23 06	23 04	31 16	28 28	—	—
Drosh			—		21 14	—		—	—		—	—	—	09 01	28 08	21 04	...	—	—	—	28 09	21 07	—	—
Fort Sandeman	—	—	—	30 01	20 04	20 09	27 11	28 30	28 52	—	—	—	—	02 13	04 04	27 13	—	—		02 06	36 02	28 20	30 41	—
Jacobabad	17 08	13 01	25 01	29 08	23 13	27 09	25 07	—	—	—	17 19	10 01	21 16	21 05	23 08	27 06	10 14	18 14	13 07	07 10	34 04	35 07	29 15	33 26
Jhelum	11 05	11 06	12 11	14 07	27 02	25 10	26 18	28 31	25 55	—	05 08	10 05	11 08	16 06	25 02	...	13 01	29 06	29 05	29 08	28 04	15 06	18 21	14 16
Jiwani		—			—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Karachi	24 12	25 23	—	—			—	—	—	..	26 18	26 19	25 17	—	—	—	20 28	26 23	27 24	21 13	34 13	—	—	—
Khanpur	21 12	22 10	22 08	34 04	36 04	30 06	—	—	—	...	21 13	20 21	31 16	23 06	—	—	24 04	29 04	35 03	36 02	30 05	29 08	—	—
Lahore	11 04	14 06	17 10	22 10	25 14	—	..	..	—	—	01 15	34 15	32 15	32 11	—	—	16 13	12 10	32 17	09 12	05 17	08 17	28 26	—
Multan	28 03	21 66	25 05	12 02	—	—	—	—	—	—		—	—	—	—	—	07 16	08 13	11 13	30 14	31 08			—
Peshawar	—	02 04	00 02	18 05	25 08	24 12	28 18	29 21	—	—	—	07 01	08 11	08 13	07 09	09 12	—	18 13	12 32	08 10	05 05	22 09	28 17	—
Quetta	—	—	—		25 15	17 11	27 18	—	—	—	·		·	·	34 07	27 05	—	—	—	—	31 04	28 08	31 20	—
Veraval	—	—	—			—			—	·			—			...		—	...	—	...	—		—
Shariah	—	—	—			—							—	...				—	—	—		—	—	—

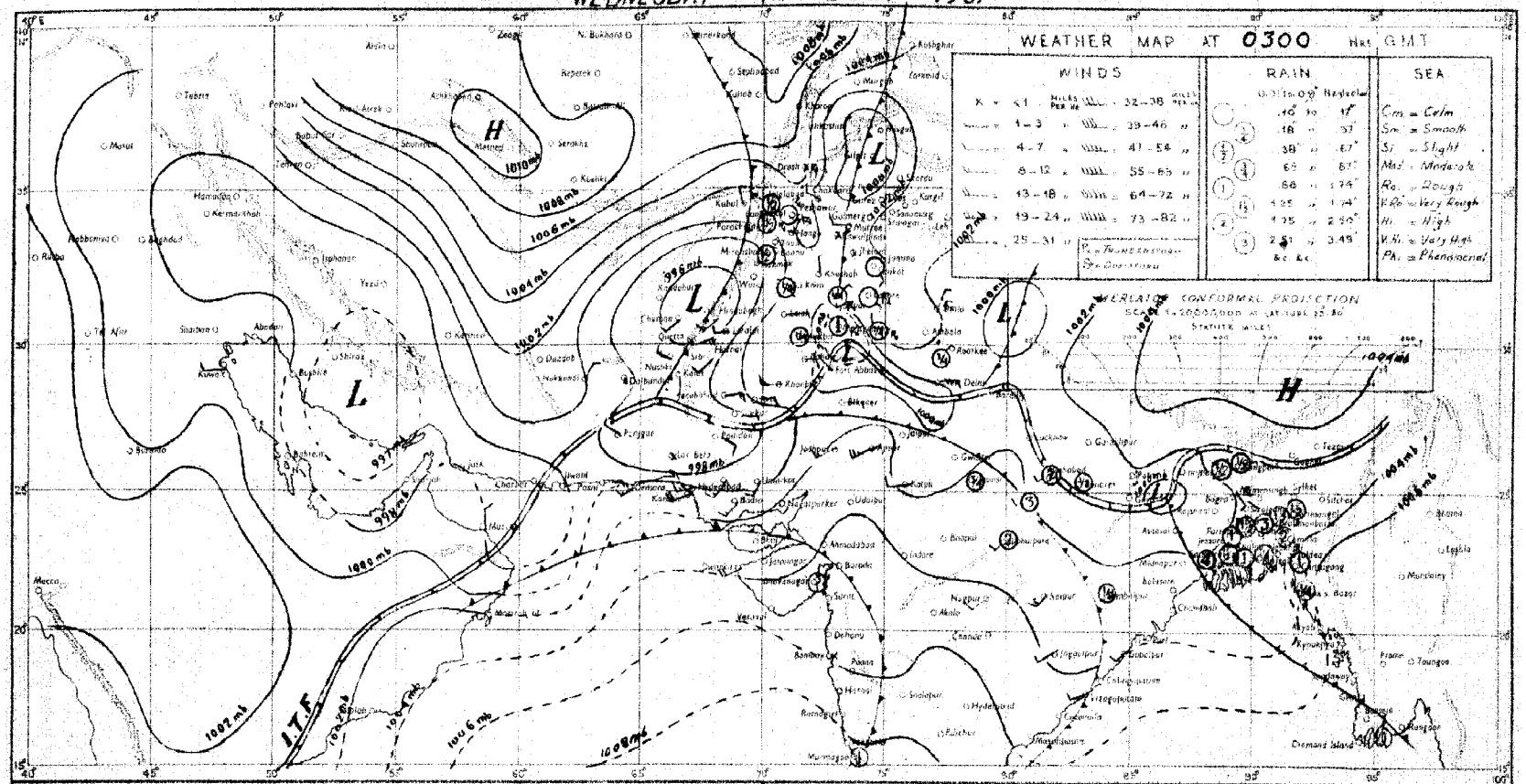
Cloud Observation Data (iiiGG Cddv, v,)

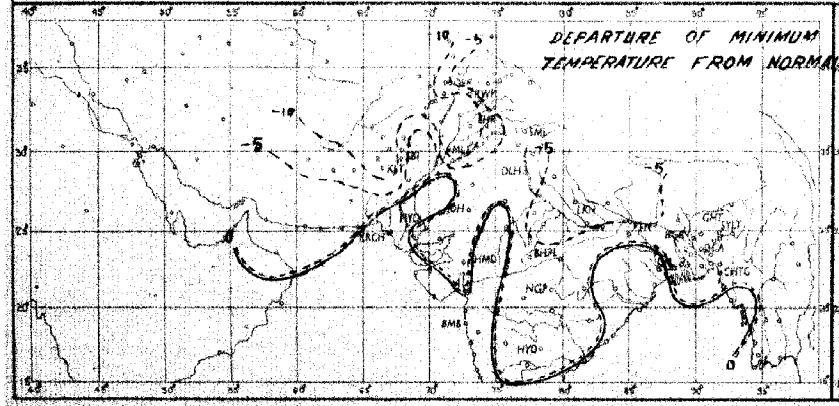
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km.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

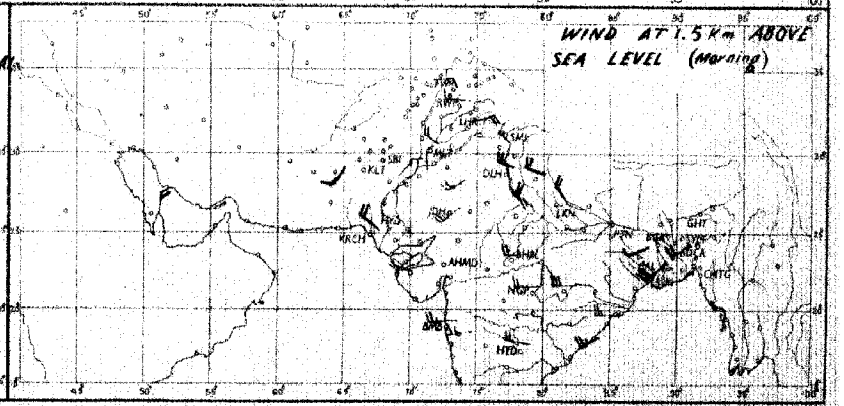
R. P. W.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 4th JULY 1951



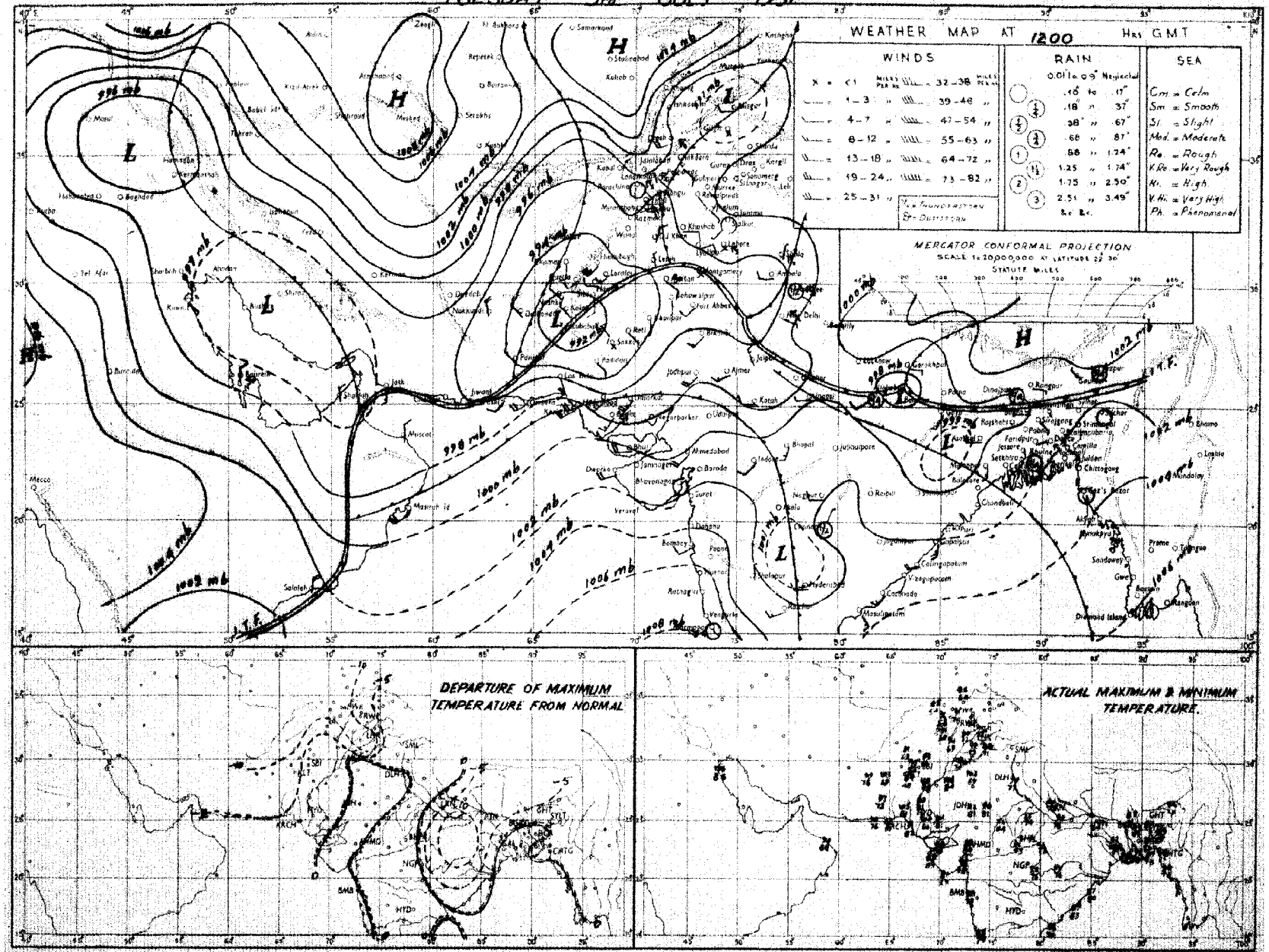




Rainfall amounts indicated in the above chart refer to past 24 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd JULY 1951



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

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1467

FOR THURSDAY, THE 5TH JULY, 1951

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

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

A low lies over West Bengal and under its influence monsoon continues active in East Pakistan.

Seasonal low extends from Baluchistan to South Iran.

Fairly widespread rain has occurred in East Pakistan. Scattered thunderstorms/showers have occurred in the North Punjab and the North-West Frontier Province. Scattered duststorms/dust-raising winds have also been reported from the South Punjab and Upper Sind.

Chief amounts of rainfall are :—Chittagong 1½", Cox's Bazar and Comilla 1" each, Narayangonj 3/4", Srimangal, Faridpur and Satkhira ½" each, and Brahmanbaria, Murree and Fort Abbas ¼" each.

Day temperatures were markedly to considerably below normal in the Pnnjab, the North-West Frontier Province, North Baluchistan and Upper Sind.

Forecast valid until the evening of 6th :—Fairly widespread rain/thundershowers will occur in East Pakistan. Thundery conditions may develop in the North-West Frontier Province, Kashmir and the adjoining Punjab. Dust raising winds will also occur in West Baluchistan.

Karachi-11.
The 5th July, 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
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	124 76	8 13 05	94 95 9	031 77	4 8 8 2 0	2 - x 90	289 73	0 18 06	95 03 9	056 76	3 6 4 2 0	9 - x 74	+ 4	3	8.7	- 8.8	41.6	148
	Chittagong	114 77	8 16 02	96 03 6	014 80	8 7 5 0 0	- - - 85	16? 76	6 16 05	97 03 6	048 79	6 7 5 0 0	- - 76	- 3	- 1	19.2	+ 6.7	40.0	109
	Comilla	000 79	7 23 09	98 03 1	006 86	7 4 7 0 0	- - - 87	115 73	8 22 12	98 03 1	084 80	8 5 7 - -	9 - - 78	0	+ 1	19.2	+ 7.2	38.9	118
	Brahmanbaria	023 77	8 18 02	96 02 6	012 78	8 4 5 0 0	- - x 88	452 73	8 18 02	97 62 6	022 79	8 0 7 2 -	4 - 4 79	—	—	4.0	- 4.3	17.6	88
	Dacca	xxx 77	8 18 02	96 01 6	998 81	5 5 8 1 0	- - x 88	xxx 70	8 00 00	96 61 6	017 80	6 6 4 2 -	- - x 76	—		—	—		78
	Narayanganj	010 76	8 10 08	95 33 6	996 80	1 2 5 8	4 - x 88	077 79	8 13 02	95 21 6	017 81	8 6 5 2 0	9 - x 77	8	- 2	27.4	+12.0	40.4	74
	Mymensingh	000 77	0 00 00	99 00 7	986 86	0 0 9 0 0	- - 85	000 79	8 00 00	98 02 5	080 80	6 6 6 - -	- - - 78	+ 1	0	24.2	+ 3.9	32.4	61
	Srimangal	010 78	8 27 02	96 02 6	007 81	8 5 7	- - - 90	089 77	7 18 02	97 03 6	037 81	5 8 6 6 1	5 6 5 76	+ 3	- 2	22.0	- 0.8	29.2	88
	Khulna	000 76	8 20 02	97 02 2	992 86	8 7 7 -	- - - 90	017 79	4 20 03	97 02 1	023 85	4 4 7 0 0	- - - 76	+ 2	- 2	11.4	8.6	18.2	66
	Satkhira	000 81	8 18 02	96 03 1	985 82	0 9 5 6 0	- - - 88	049 78	8 23 03	97 08 6	016 84	5 4 7 6 0	9 - x 77	- 1	1	7.0	7.4	15.6	65
	Jessore	000 77	8 18 02	96 00 1	988 85	8 8 6 -	- - - 90	093 80	7 18 03	96 02 5	016 84	7 8 6 9 0	9 - - 77	—		10.4	4.0	13.1	65
	Faridpur	038 79	7 07 02	96 03 6	996 80	5 7 5 1 0	3 - x 80	149 79	8 00 00	96 02 6	018 81	6 6 6 1 0	9 - x 78	- 8	6	17.7	+ 2.9	25.1	71
	Barisal	000 80	8 20 05	97 03 2	995 86	4 8 5 7	- - x 89	000 78	8 16 03	96 05 2	024 80	7 7 8 2 -	- - x 80	+ 1	+ 1	13.6	- 4.2	22.5	81
	Pabna																		60
	Rampur Boalia								8 00 00	98 02 2	011 81	5 8 8 - -			0				58
	Sirajganj	000 79	4 13 03	99 00 1	980 82	2 2 7 0 0	- - - 87	000 80	8 13 02	96 02 5	024 81	4 6 5 2 0	- - - 87	0		22.3	+ 8.0	30.1	64
	Bogra	000 79	8 00 00	96 01 6	030 85	8 8 6	- - x 59	000 78	7 05 02	97 50 1	026 81	7 4 7 0 0	- - x 80	6	+ 2	23.3	+ 7.7	30.6	60
	Dinajpur	000 77	5 00 00	97 01 2	014 82	0 0 9 5 0	9 - 2 57	000 79	7 09 02	97 03 8	— —	7 5 8 - -	9 - - 78	- 8	0	20.2	+ 3.5	24.5	72
	Rangpur	000 xx	5 09 05	97 01 1	— —	1 5 8 0 0	- - - xx	128 xx					- - - xx	—	—	21.1	- 0.2	25.5	64
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Drass †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 66	2 08 02	96 01 0	995 90	0 0 9 3 0	- - - 91	000 73	0 06 02	95 00 0	010 83	0 0 9 0 0	- - - 71	- 12	- 12	1.0	- 0.6	5.2	12
	Lahore	000 66	0 00 00	96 00 0	998 90	0 0 9 0 0	- - - 91	000 71	1 31 02	96 02 1	006 85	0 0 9 4 0	9 - 9 77	- 11	- 8	1.7	- 0.5	5.7	19
	Sialkot	000 63	2 09 02	97 01 1	990 91	7 4 6 0 0	- - - 92	000 65	1 00 00	98 01 1	005 82	1 0 8 5 0	- - - 75	- 9	- 6	2.0	- 1.7	7.2	32
	Jhelum	006 78	2 31 02	98 01 0	996 88	1 1 7 0 8	9 9 x 90	006 78	0 31 02	98 00 1	010 82	0 0 9 0 0	- - - 72	—	—	3.9	—	13.1	—
	Rawalpindi	000 58	2 00 00	99 01 1	996 88	0 0 9 2 0	- - - 90	000 59	0 00 00	99 00 1	008 84	0 0 9 0 0	- - - 71	- 11	- 6	2.6	0.6	13.5	36
	Murree †	080 47	3 09 14	98 01 0	928 60	0 0 9 3 0	4 x 0 68	080 48	0 31 05	98 00 1	927 64	0 0 9 0 0	- - - 52	- 8	- 7	5.9	+ 0.4	28.2	59
	Attock	xxx xx	0 16 05	98 00 0	—	0 0 9 0 0	- - - --	xxx xx	0 07 02	98 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Khushab	000 66	2 06 05	98 03 1	996 92	0 0 9 0 4	- - - 94	000 69	0 27 05	99 00 0	011 88	0 0 9 0 0	- - - 78	- 10	- 8	0.7	- 1.1	5.5	10
	Montgomery	000 73	0 03 02	96 00 1	003 89	0 0 9 0 0	- - - 89	008 74	0 00 00	96 00 0	015 85	0 0 9 0 0	- - - 78	- 16	- 11	1.4	+ 0.1	6.0	10
	Leiah	000 85	3 23 08	96 03 1	997 90	0 0 2 2 0	- - - 06	000 79	0 00 00	97 00 0	018 87	0 0 9 0 0	- - - 70	—	—	0	—	5.7	8
	Multan	000 79	9 36 05	96 06 1	994 04	0 0 9 - -	9 9 9 95	000 72	0 23 02	96 00 0	009 86	0 0 9 0 0	- - - 76	8	- 10	0.3	- 0.5	3.3	7
	Khanpur	000 82	4 07 02	94 07 1	973 02	0 0 9 4 0	8 x 9 06	000 77	0 21 02	94 07 0	007 90	0 0 9 0 0	- - - 88	- 1	0	0.5	0.1	2.2	6
	Bahawalpur	000 71	6 31 02	97 01 1	977 00	0 0 9 0 6	9 9 x 09	000 65	0 16 03	97 00 5	013 84	0 0 9 0 0	- - - 79	- 5	6	0	- 0.5	3.1	7
	Fort Abbas	000 69	0 31 00	95 00 0	970 00	0 0 9 0 0	9 x x 01	022 69	0 23 08	96 00 0	012 86	0 0 9 0 0	- - - 88	—	—	0.2	—	1.1	6
N. W. F. P.	Drosh *	000 36	4 25 14	98 03 1	872 80	4 3 6 0 0	6 x x 88	000 48	0 00 00	98 00 1	926 74	0 0 9 0 0	- - - 62	- 7	- 0	0.8	—	25.0	18
	Chakdara	000 54	0 05 07	99 00 0	980 92	0 0 9 0 0	- - - 93	000 58	0 27 07	97 00 0	013 79	0 0 9 0 0	- - - 71	—	—	0.1	—	12.5	—
	Cherat *	000 51	3 18 09	98 01 1	909 83	x x x x x	3 x x xx	000 60	0 00 00	97 00 0	927 72	0 0 9 0 0	- - - 65	- 11	- 9	0.7	- 0.6	22.8	22
	Peshawar	000 48	2 13 13	95 01 1	967 94	2 3 6 0 0	- - 97	000 61	6 36 02	96 00 0	015 82	0 0 9 0 0	- - - 75	- 7	- 5	0.4	0	7.7	14
	Parachinar	000 52	6 05 02	97 02 2	918 78	2 2 2 7 0	5 x 7 77	000 53	0 00 00	99 00 3	928 69	0 0 9 0 0	- - - 59	02	- 7	2.0	—	20.4	30
	Miranshah	055 60	5 07 07	98 28 6	818 87	5 3 6 4 6	- - - 88	000 62	0 00 00	99 00 0	902 80	0 0 9 0 0	- - - 70	—	—	0.7	- 0.3	7.8	12
	Bannu	000 63	4 09 02	97 05 1	972 94	4 1 8 0 0	- - - 95	000 67	0 00 00	98 00 0	007 84	0 0 9 0 0	- - - 76	—	—	0	—	4.9	11
	D. I. Khan	000 70	4 25 02	96 03 2	999 89	0 0 9 0 3	3 6 0 89	000 76	0 09 00	96 00 0	005 85	0 0 9 0 0	- - - 71	16	12	0.3	0.6	2.0	9
	Wana																		11
	Landikotal	000 80	2 13 03	99 02 1	884 89	2 2 8 0 0	- - - 90	000 66	0 05 02	98 00 0	016 78	0 0 9 0 0	- - - 67	—	—	0.2	—	9.3	—
	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	7 09 09	99 08 6	— —	3 8 7 3 1	- - - —	xxx xx	0 56 09	99 00 0	—	0 0 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 54	5 05 05	97 06 2	893 80	5 5 6 0 0	9 x x 94	000 53	0 00 00	96 45 6	909 75	0 0 9 0 0	- - - 66	- 2	- 8	0	- 0.9	6.0	11
	Hindubagh	000 26	1 27 20	98 02 1	903 88	1 1 6 0 0	7 x x 90	000 47	0 23 13	97 00 0	984 77	0 0 9 0 0	- - - 69	—	—	0	—	8.4	—
	Loralai	000 58	4 18 06	95 01 0	870 68	0 0 9 2 0	- - - 92	000 67	0 00 00	96 00 1	911 77	0 0 9 0 0	- - - 64	—	—	0.1	—	6.8	—
	Harnai (a)	000 xx	0 09 06	94 00 0	-- —	0 0 9 0 0	- - - —	000 xx	1 09 02	95 09 2	---	0 0 9 2 5	- - - xx	—	—	0	- 1.0	3.6	14
	Bibi	000 65	0 18 09	98 00 0	951 07	0 0 9 0 0	- - - 07	000 65	0 18 05	98 00 0	998 91	0 0 9 0 0	- - - 87	—	—	0		1.5	6
	Quetta †	000 28	1 20 05	98 01 0	913 88	0 0 9 3 0	- - - 89	000 68	0 23 02	97 00 0	924 73	0 0 9 0 0	- - - 68	—	—	0	0.2	6.5	9
	Chaman	000 67	0 27 08	97 00 0	887 92	1 0 9 0 0	- - - 98	000 60	0 18 02	97 00 0	912 84	0 0 9 0 0	- - - 67	- 9	- 9	0	0	6.5	8
	Nushki	000 42	0 26 07	97 00 0	947 97	0 0 9 0 0	- - - 98	000 41	0 18 05	96 00 0	971 82	0 0 9 0 0	- - - 74	—	—	0	—	5.4	—
	Dalbandin *	000 49	0 18 07	94 06 0	859 02	0 0 9 0 0	- - - 03	000 49	0 00 00	94 05 0	916 82	0 0 9 0 0	- - - 67	- 6	- 8	0	0	1.8	4
	Nokkundi	000 79	0 34 09	98 00 1	943 03	0 0 9 0 0	9 x x 03	000 78	4 34 13	99 05 1	990 88	0 0 9 3 2	9 x x 89	—	—	0	—	0.9	2
	Kalat †	000 64	0 32 05	98 00 0	926 81	0 0 9 0 0	- - - 85	000 44	0 18 05	98 00 0	941 84	0 0 9 0 0	- - - 54	- 6	- 8	0	- 0.2	9.0	7
	Turbat	000 86	0 23 08	97 00 0	972 08	0 0 9 0 0	- - - 10	000 78	0 00 00	96 00 0	000 85	0 0 9 0 0	- - - 81	—	—	0	—	1.4	—
	Panjgur *	000 93	0 31 10	97 00 0	907 98	0 0 9 0 0	- - - 09	000 65	0 05 03	97 00 0	917 76	0 0 9 0 0	- - - 89	- 4	- 5	0	—	5.2	5
	Las Bela	000 75	0 16 04	99 00 0	972 08	0 0 9 0 0	- - - 05	000 77	0 00 00	99 00 0	995 84	0 0 9 0 0	- - - 80	—	—	0	—	0.1	6
	Ormara	000 72	1 25 13	95 05 0	092 87	1 5 6 0 0	- - - 88	000 73	5 25 09	95 03 1	025 84	6 5 6 0 0	- - - 82	—	—	0	0	2.7	6
	Pasni	000 75	0 16 07	96 00 0	098 87	0 0 9 0 0	- - - 89	000 75	5 13 03	96 02 1	023 84	5 0 7 4 0	- - x 79	- 3	0	0	- 0.4	4.8	5
	Jiwani																		4
SIND	Keti	000 72	0 09 05	96 00 0	984 04	0 0 9 0 0	- - - 05	000 76	0 13 05	96 00 0	012 86	0 0 9 0 0	- - - 84	—	—	0	—	0.6	—
	Jacobabad	000 70	0 11 09	95 07 0	964 03	0 0 9 0 0	- - - 03	000 73	0 11 10	96 00 0	006 89	0 0 9 0 0	- - - 85	- 8	0	0	- 0.4	0.8	4
	Sukkur	000 73	0 13 02	96 00 0	959 02	0 0 9 0 0	- - - 02	000 73	0 11 02	96 00 0	002 85	0 0 9 0 0	- - - 82	—	—	0	—	0.5	4
	Pad Idan	000 64	2 18 02	98 01 1	958 06	0 0 9 0 1	8 9 x 07	000 78	0 13 05	98 00 1	994 87	0 0 9 0 0	- - - 82	—	—	0	—	0.1	—
	Karachi (*Manora*)	000 77	4 25 13	96 03 1	002 87	4 6 4 0 0	- - - 90	000 76	6 27 09	96 02 2	026 85	4 6 4 0 0	- - - 82	0	0	0	- 0.9	0	8
	Karachi (*A. P.*)	000 75	2 20 16	96 02 1	003 88	2 1 5 0 0	- - - 92	000 74	8 25 12	96 05 1	026 84	4 6 5 0 0	- - - 81	—	—	0	—	0.1	—
	Badin	000 75	0 23 09	97 00 1	995 94	0 0 9 0 0	5 0 5 98	000 75	0 23 07	97 00 0	021 84	0 0 9 0 0	- - - 80	+ 1	- 2	0	1.9	0	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 75	0 20 12	97 40 5	972 00	0 0 9 0 0	- - - 03	000 76	0 20 10	97 10 2	017 85	0 0 9 0 0	- - - 79	—	—	0	—	0	7
	Hyderabad	000 72	0 23 10	96 05 0	988 95	0 0 9 0 0	- - - 03	000 76	0 23 10	96 00 0	012 85	0 0 9 0 0	- - - 81	+ 2	- 1	0	- 0.7	0.2	—
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul																		12
	Jalalabad																		—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY THE 5TH JULY, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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	N dd ff	VVwwW	PPP TT	$N_hC_LhO_MO_H$	$W_1D_SD_MT_nT_n$	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	Charbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 '83	0 26 02	97 00 0	972 91	0 0 9 8 0	- - - 94	000 80	8 00 00	96 13 1	992 89	0 0 9 0 7	- × - 87	- 4	- 3	0	- 0.1	3.3	4
	Shariab	000 83	0 00 00	97 00 0	000 10	0 0 9 0 0	- - - 10	000 58	0 25 05	97 00 0	008 94	0 0 9 0 0	- - - 00	-	-	0	-	1.5	3
	Kuwait	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,500-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,048-10, 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) 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 Control, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	YQ La La	Lo Lo GG	N dd ff	VV ww W	PPP TT	N_hC_L h C_MC_H	D_S vs app	8 N_S C h_Sh_S	O T_ST_S T_dT_d	1 d_wd_W P_WH_W	SHIP	YQ La La	Lo Lo GG	N dd ff	VV ww W	PPP TT	N_hC_L h C_MC_H	D_S vs app	8 N_S C h_Sh_S	O T_ST_S T_dT_d	1 d_wd_W P_WH_W
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											**BAY OF BENGAL**										
Devon	43 152	544 00	0 22 27	98 02 8	027 80	00 9 00	6 4 516	- -	9 58 77	1 22 58											
City of Khios	43 009	680 06	3 20 15	98 02 9	100 82	32 5 00	- - -		- - -	- - -											
Saraswati	43 080	766 06	3 20 15	98 02 9	101 81	12 5 41	2 4 108		0 51 75	1 20 22											
Twickenhan	43 076	672 06	4 25 12	98 02 0	098 84	22 4 40	6 3 ×××		0 00 80	1 26 33											
Hesiona	43 156	662 06	8 22 25	98 02 2	070 82	82 × 00	- - -		- - -	- - -											
Ravello	43 081	666 12	3 26 11	97 02 0	210 86	11 5 01	7 4 808		8 02 77	1 24 47											
Oranji	43 125	576 12	6 23 20	97 02 1	061 81	64 4 00	2 7 508		9 01 73	1 23 48	Gerardner	43 058	648 12	6 23 16	96 02 2	065 82	- 2 5 51	2 4 318	-	0 52 ××	1 23 · 2
City of Khios	43 090	670 12	4 26 19	99 02 8	091 83	33 5 10	- - -		- - -	- - -											
Oranji	43 119	597 18	3 23 19	97 02 1	084 91	34 4 00	2 7 119		9 00 78	1 24 44											

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	29
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	4	5	10	15	20	25	30	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	10	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 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	18	19	20	21	22	23	24	25
Bogra	17 13	17 08	21 18	19 15	20 15	-	-	-	-	-	15 12	18 14	-	-	-	-	15 06	12 07	16 08	17 13	17 15	-	-	-
Dhber	22 15	23 19	23 17	523 13	-	-	-	-	-	-	-	-	-	-	-	-	22 23	22 25	23 28	23 27	24 27	-	-	-
Chittagong	21 14	21 18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17 15	-	-	-	-	-	-	-
Cox's Bazar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dacca	18 12	18 12	20 14	-	-	-	-	-	-	-	-	-	23 17	23 19	25 10	-	19 11	-	-	-	-	-	-	-
Dalhaudie	-	-	26 06	23 01	25 07	23 12	23 22	-	-	-	-	-	-	15 01	22 06	19 08	-	-	21 10	23 13	25 19	24 24	-	-
Drosr	-	-	-	-	22 10	21 10	21 01	-	-	-	-	-	-	24 10	25 13	25 09	-	-	-	-	25 02	25 04	25 01	24 58
Fort Sandeman	-	-	-	-	-	-	-	-	-	-	-	-	-	24 04	20 08	25 04	-	-	-	-	22 02	23 06	23 11	23 18
Jacobabad	15 07	12 10	11 07	14 04	26 09	-	-	-	-	-	11 12	15 07	13 08	24 04	20 08	25 04	11 10	11 08	04 01	22 02	23 06	23 11	23 18	23 17
Jhelum	04 10	04 30	05 14	13 01	31 09	27 04	25 10	25 09	-	-	30 05	29 08	30 11	30 05	32 09	34 07	24 09	25 15	25 18	23 17	25 19	29 11	23 17	25 17
Piwani	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Karachi	25 22	27 28	26 25	-	-	-	-	-	-	-	27 17	27 19	27 19	25 08	30 07	-	24 13	26 19	26 18	21 15	23 25	-	-	-
Khanpur	15 07	14 08	14 09	12 04	09 03	-	-	-	-	-	15 09	15 09	17 12	20 15	-	-	19 12	19 12	20 11	24 07	27 27	-	-	-
Lahore	06 01	05 01	04 02	03 12	08 13	34 08	31 23	27 25	25 29	-	30 09	31 29	32 08	31 04	31 06	30 08	25 10	25 12	23 15	21 14	22 19	25 09	25 17	-
Multan	05 09	02 02	14 05	25 04	16 05	-	-	-	-	-	13 05	11 07	05 04	17 09	-	-	19 18	19 15	17 15	18 11	22 19	-	-	-
Peshawar	-	08 07	12 04	-	28 12	26 13	26 15	31 15	31 27	28 27	-	08 03	21 04	27 19	24 05	15 04	-	22 13	25 08	25 19	25 06	29 04	27 08	29 26
Quetta	-	-	-	-	30 03	29 09	32 15	31 25	29 31	29 59	-	-	-	-	31 10	35 13	-	-	-	-	-	15 15	30 07	31 11
Veraval	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shariah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

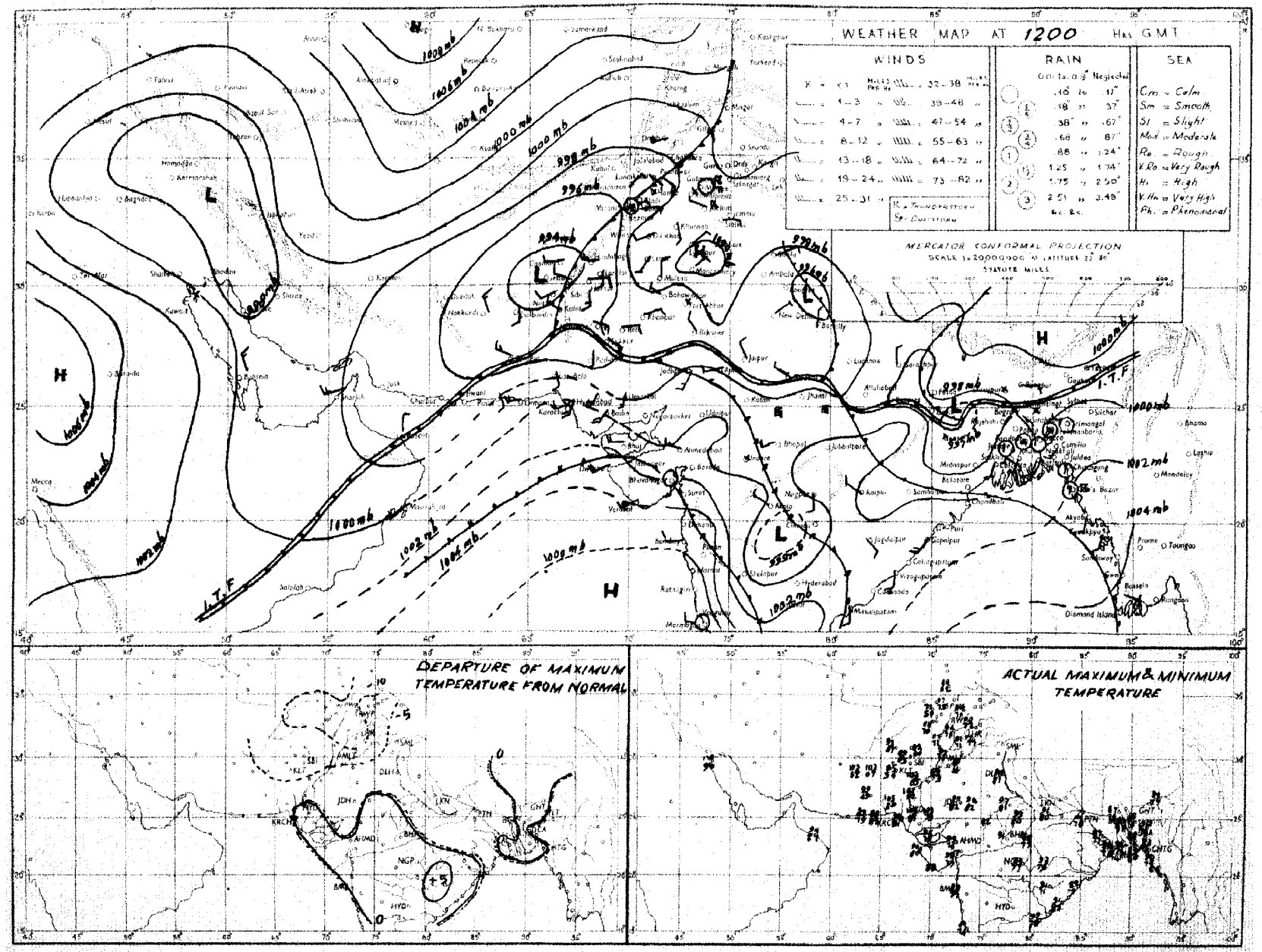
Cloud Observation Data (iiiGG Cddv, v,)

* 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, 1.5, 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

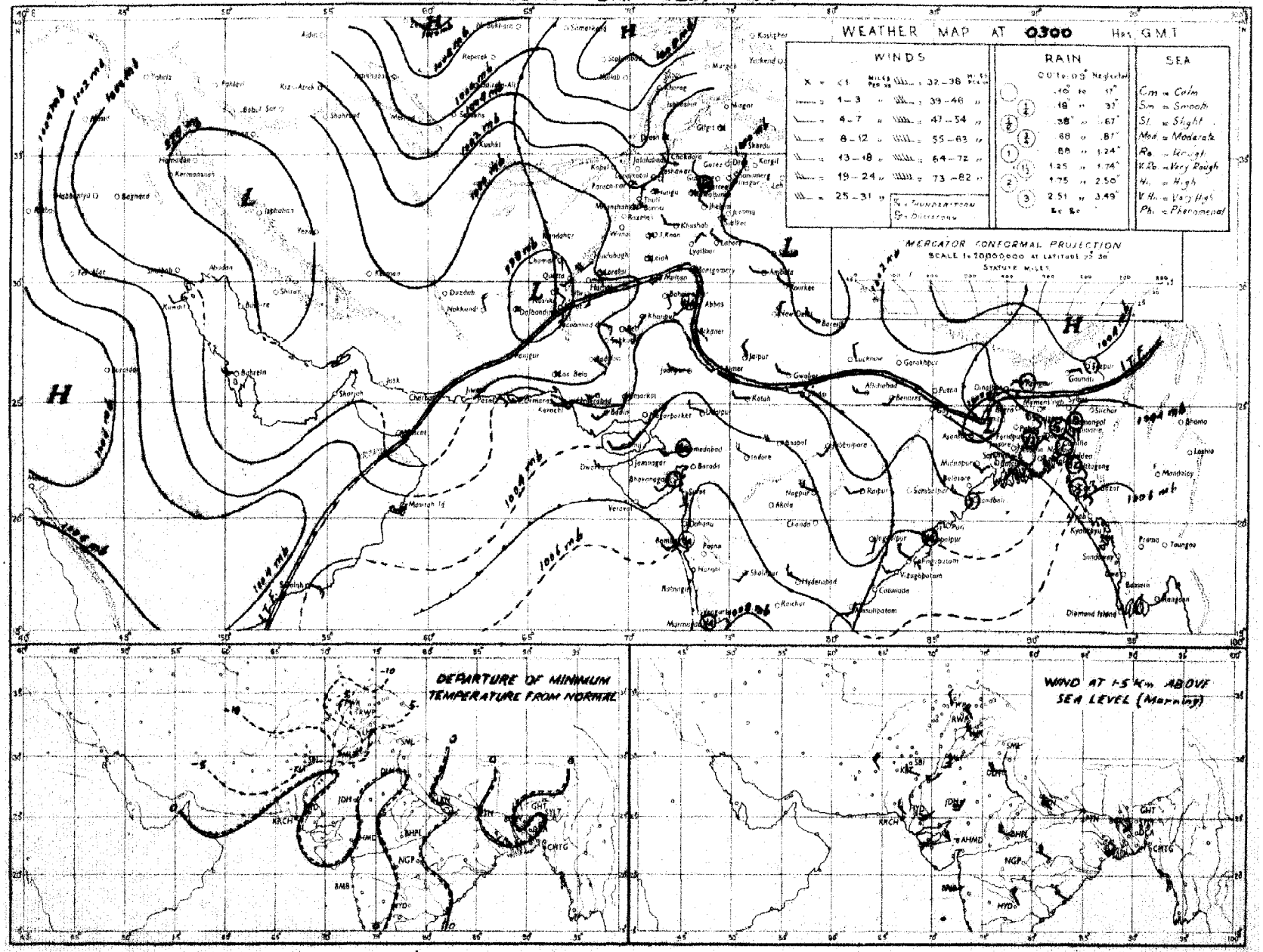
WEDNESDAY 4th JULY 1951



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 5th. JULY 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-1467

FOR FRIDAY, THE 6TH JULY, 1951

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

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

Observations are meagre.

Yesterday's low over west Bengal and adjoining areas persists there. Monsoon continues active in East Pakistan.

Seasonal low extends from north Baluchistan to Gulf of Oman.

Fairly widespread rain has occurred in East Pakistan. Scattered thunderstorms/showers have occurred in the upper North-West Frontier Province. Dust-raising winds have also been reported from the south Punjab and north Baluchistan.

Chief amounts of rainfall are :—Narayanganj 4" ; Barisal 3" ; Comilla and Chittagong 2" each ; Cox's Bazar 1½" ; Khulna ½" ; Faridpur and Dinajganj ½" each.

Day temperatures were appreciably to markedly below normal in the Punjab, the North-West Frontier Province, upper Sind, Baluchistan and southern districts of East Pakistan.

Forecast valid until the evening of 7th :—Fairly widespread and locally moderate to heavy rain and scattered thunderstorms will occur in East Pakistan. There will be low clouds along Sind-Mekran coast. Thundery conditions may develop in Kashmir and the adjoining north Punjab.

Karachi-11.
The 6th July, 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	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_nT_n$	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 75	8 18 03	96 01 1	042 82	3 3 7 0 0	- - - 86	171 75	8 00 00	96 61 6	087 76	4 6 4 2 0	9 x 0 75	- 1	2	33.4	- 4.5	43.3	140
	Chittagong	192 78	8 23 01	96 25 6	031 74	8 7 4 -	- - - 81	228 75	8 16 02	96 21 6	074 75	8 7 4 0 0	4 x x 74	- 5	- 3	31.5	+ 6.1	41.2	108
	Comilla	150 75	8 19 09	98 03 6	080 79	8 5 7 - -	- - - 82	204 76	8 23 19	98 03 6	067 77	8 5 7 0 0	4 0 0 70	- 5	- 7	30.3	+ 8.5	38.0	115
	Brahmanbaria	117 76	8 18 02	97 02 6	025 81	6 4 7 3 0	7 x 83	000 77	6 16 05	97 05 1	055 81	6 4 5 0 0	- 76	—	—	11.9	- 4.6	17.7	84
	Dacca	xxx 74	8 16 03	96 03 6	008 80	6 5 5 2 -	- - x 85	xxx 78	8 18 03	96 21 6	043 79	6 6 4 2 -	7 x x 75	—		—	—	—	75
	Narayanganj	025 76	8 16 05	96 60 6	009 83	8 5 5 - -	- - - 88	175 77	8 13 05	96 62 6	038 78	8 4 5	9 x x 76	0					74
	Mymensingh	000 75	8 00 00	99 02 2	0 9 85	8 4 7 - -	- - - 87	000 76	8 02 03	99 02 2	049 82	8 4 7 - -	- - - 79	0	+ 1	24.2	+ 3.3	38.4	91
	Srimangal	007 75	8 18 03	97 02 6	025 80	8 5 7 -	- - - 88	007 76	8 16 03	97 03 1	055 81	8 6 6 - -	- - - 77	+ 1	+ 1	28.0	+ 0.3	39.3	95
	Khulna	058 78	8 18 02	97 02 6	005 79	8 5 7 - -	- - - 88	045 77	8 18 03	96 03 2	051 80	8 7 6 -	- - - 78	- 3					66
	Satkhira																		65
	Jessore	000 77	7 18 03	96 02 2	000 80	7 8 6 0 0	- - - 89	003 80	8 18 05	95 62 2	032 81	8 7 6 0 0	- - - 78	—	—	10.4	- 4.4	18.1	65
	Faridpur	022 79	8 07 05	95 03 6	003 80	8 7 5 -	- - - 86	035 78	8 07 02	95 92 6	078 79	8 7 5 0 0	9 x x 78	- 8	0	18.1	+ 2.8	25.5	71
	Barisal	192 77	8 18 03	95 63 6	013 78	8 7 5 - -	- - - 82	300 78	8 18 03	95 62 6	049 78	8 7 5 - -	9 x x 76	- 4	- 3	16.5	- 1.9	25.6	81
	Pabna																		58
	Rampur Boalia																		56
	Sirajganj	000 79	3 18 01	99 01 1	990 82	2 1 5 4 0	- - x 88	000 68	0 05 02	99 00 0	928 84	0 0 9 0 0	- - - 78	- 1	—	0.2	—	9.3	64
	Bogra	008 78	7 11 03	96 01 6	994 85	4 8 6 1 0	- x 87	008 78	8 11 02	96 03 6	008 81	5 6 5 1 0	- - - 79	- 2	+ 1	23.3	+ 7.2	30.7	69
	Dinajpur	012 77	4 09 02	97 61 6	003 85	6 0 9 4 0	9 3 3 88	030 78	7 09 05	97 01 2	039 82	7 5 7 0 0	9 0 0 78	- 1	0	20.5	+ 3.1	24.9	72
	Rangpur	000 xx	5 09 00	98 01 1	— —	5 5 8 0 0	- - - xx	010 xx	8 09 05	96 02 6	— —	8 5 8 0 0	7 0 0 —	—	—	21.2	—	25.7	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 65	1 20 04	97 01 0	978 98	0 0 9 0 2	- x - 90	000 71	0 18 04	95 00 0	010 87	0 0 9 0 0	- - - 81	- 4	- 2	1.0	- 0.6	5.2	12
	Lahore	000 55	0 27 03	96 00 0	985 95	0 0 9 0 0	- - - 97	000 72	0 36 02	96 00 0	021 86	0 0 9 0 0	- - - 77	- 5	- 3	1.7	- 0.7	6.7	19
	Sialkot	000 71	1 13 02	97 02 1	975 95	1 1 5 0 0	- - - 99	000 71	1 00 00	97 02 1	015 84	0 0 9 0 4	- x - 78	- 10	- 3	2.0	- 2.0	7.2	33
	Jhelum	000 83	1 28 05	97 02 1	977 95	1 1 7 0 0	7 - - 98	008 78	1 29 02	97 01 1	019 86	0 0 9 0 1	- x - 74	—	—	3.0	—	13.1	—
	Rawalpindi	000 61	2 00 00	99 01 1	956 98	0 0 9 2 0	4 - x 90	000 75	3 00 00	99 02 1	015 78	0 0 9 3 0	0 x - 75	0	- 2	2.6	0.4	15.5	30
	Murree †	000 56	7 29 07	97 02 1	928 71	5 2 4 8 0	- - - 74	080 50	0 27 02	98 00 1	951 67	0 0 9 0 0	- - - 59	- 2	0	6.9	- 10.0	38.1	59
	Attock	xxx xx	1 16 05	98 00 0	—	0 0 9 0 0	- - - xx	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0		—	—	—	—	—	—
	Khushab	000 64	0 16 05	98 00 0	930 98	0 0 9 0 0	- - - 99	000 72	0 00 00	96 00 0	014 86	0 0 9 0 0	- - - 79	- 5	- 4	0.7	- 1.2	5.5	16
	Montgomery	000 78	0 00 00	96 00 0	990 97	0 0 9 0 0	- - - 98	094 70	4 13 08	96 02 2	023 88	0 0 9 0 7	5 x - 83	- 7	- 1	1.4	- 0.2	5.0	10
	Leiah	000 87	0 13 13	97 00 0	971 03	0 0 9 0 0	- - - 04	000 82	0 27 02	97 00 0	008 90	0 0 9 0 0	- - - 81	—	—	0	—	5.7	8
	Multan	000 71	0 15 02	96 00 0	980 00	0 0 9 0 0	- - - 03	000 77	0 18 02	97 00 0	012 90	0 0 9 0 0	- - - 86	0	+ 1	0.3	- 0.6	3.3	7
	Khanpur	000 66	0 21 02	94 07 0	970 05	0 0 9 0 0	- - - 06	000 79	0 21 09	94 07 0	020 89	0 0 9 0 0	- - - 85	1	+ 2	0.5	- 0.2	2.8	6
	Bahawalpur	000 69	4 27 02	97 03 1	977 01	0 0 9 0 2	3 x - 02							- 3					5
	Fort Abbas	000 69	0 13 02	96 00 0	981 99	0 0 9 0 0	- - - 00	000 68	0 23 02	96 00 0	010 88	0 0 9 0 0	- - - 80	—	—	0.2	—	1.1	5
N. W. F. P.	Drosh *	000 28	5 23 19	98 02 1	875 85	3 8 6 0 0	- - - 91							- 4					18
	Chakdara	000 61	4 09 05	99 02 0	971 87	4 5 4 0 0	- - - 94	000 68	0 00 00	98 00 0	018 88	0 0 9 0 0	- - - 73	—	—	0.1	—	12.5	—
	Cherat *	000 57	3 18 09	98 02 1	910 89	8 2 9 0 0	5 - - 90	000 61	6 00 00	97 00 1	942 78	0 0 9 0 0	- - - 71	- 1	- 1	0.7	- 0.6	32.0	39
	Peshawar	000 59	3 05 03	97 03 1	963 99	2 3 7 0 0	- - 99							- 5					14
	Parachinar	000 56	6 13 02	95 17 9	932 79	4 2 4 6 0	- - x 80	010 54	0 00 00	99 00 9	951 72	0 0 9 0 0	- - - 63	- 9	- 8	2.7	—	20.5	33
	Miranshah	000 59	5 07 05	98 00 0	895 92	6 3 6 6 5	- - - 93	000 64	0 00 00	98 00 0	929 84	0 0 9 0 0	- - - 76	—	—	0.7	- 0.2	7.5	18
	Bannu	000 64	0 00 00	98 00 0	965 98	0 0 9 0 0	- - - 98	000 72	0 00 00	96 05 0	010 86	0 0 9 0 0	- - - 82	—	—	0	—	4.9	11
	D. I. Khan	000 77	0 09 02	96 00 0	980 01	0 0 9 0 0	- - - 00	000 78	0 09 00	95 06 0	004 80	0 0 9 0 0	- - - 78	- 5	5	0.3	- 0.6	2.0	8
	Wana																		13
	Landikotal	000 71	2 13 05	98 02 1	886 90	2 1 6 0 0	- - - 92	000 68	0 05 02	99 00 0	928 84	0 0 9 0 0	- - - 73	—					—
	Hangu	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - xx	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	--	—	—
	Thall	xxx xx	5 18 13	98 01 1	— —	8 8 7 1 1	- - - xx	xxx xx	0 09 09	99 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 18	4 00 00	96 00 1	859 95	4 5 6 0 0	- - - 97							- 6					11
	Hindubagh	000 48	1 23 12	98 03 1	904 69	1 2 6 0 0	- - - 92	000 49	0 25 09	97 00 0	951 78	0 0 9 0 0	- - - 62	—	—	0	—	8.2	—
	Loralai	000 61	0 13 06	96 00 0	898 90	0 0 9 0 0	- - - 91	000 59	0 00 00	94 00 0	984 80	0 0 9 0 0	- - - 63	—	—	0.1		5.5	14
	Harnai (a)	000 xx	6 00 00	94 02 2	— —	0 0 9 2 5	- - - xx	000 xx	0 30 02	95 00 0	— —	0 0 9 0 0	- - - xx	—	..	0	- 1.1	8.5	5
	Bibi	000 55	0 18 05	99 00 0	965 09	0 0 9 0 0	- - - 09	000 58	0 18 05	98 00 0	007 96	0 0 9 0 0	- - - 96	—	—	0	—	1.5	9
	Quetta †	000 81	2 24 05	98 01 1	920 90	0 0 9 3 0	- - x 90	000 42	0 00 00	97 10 0	981 70	0 0 9 0 0	- - - 60	—	—	0	- 0.2	8.5	8
	Chaman	000 78	0 26 08	97 00 0	872 95	0 0 9 0 0	- - - 96	000 56	0 31 02	97 00 0	925 86	0 0 9 0 0	- - - 74	- 6	- 2	0	0	0.5	[illegible]
	Mushki	000 61	0 26 09	98 00 0	951 00	0 0 9 0 0	- - - 01												[illegible]
	Dalbandin *	000 67	4 23 08	94 06 0	891 04	4 8 7 0 0	- - - 05	000 35	0 20 02	94 00 0	923 81	0 0 9 0 0	- - - 67	- 4	- 9	0	0	1.8	4
	Nokkundi	000 59	2 34 18	98 03 1	915 05	0 0 9 0 2	8 x - 06	000 59	0 34 09	99 00 0	001 84	0 0 9 0 0	- - - 72	—	—	0	—	0.0	2
	Kalat †	000 66	0 32 09	98 00 0	930 83	0 0 9 0 0	- - - 84	000 50	0 18 04	98 00 0	961 84	0 0 9 0 0	- - - 55	- 6	- 7	0	- 0.3	0.0	7
	Turbat							000 79	7 xx 00	95 03 2	025 86	7 0 8 2 0	9 0 x 82	—	—	0	—	1.4	—
	Panjgur *																		5
	Las Bela	000 76	0 16 04	99 00 0	990 97	0 0 9 0 0	- - - 03	000 75	0 05 00	99 00 0	020 92	0 0 9 0 0	- - - 78	—	—	0	—	0.1	8
	Ormara																		6
	Pasni							000 74	5 17 03	96 02 1	048 83	5 5 6 0 0	- - - 80		+ 2	0	- 0.4	4.2	4
	Jiwani																		4
SIND	Reti	000 67	0 00 00	96 00 0	984 06	0 0 9 0 0	- - - 07	000 78	0 18 09	96 00 0	087 88	0 0 9 0 0	- - - 88	—	—	0	—	0.0	—
	Jacobabad	000 63	0 18 05	96 00 0	965 07	0 0 9 0 0	- - - 08	000 71	0 16 09	96 00 0	017 88	0 0 9 0 0	- - - 86	- 8	+ 1	0	- 0.4	0.5	4
	Sukkar	000 72	0 00 00	96 00 0	969 07	0 0 9 0 0	- - - 07	000 74	0 20 03	96 00 0	016 84	0 0 9 0 0	- - - 82	—	—	0	—	0.5	4
	Pad Idan	000 67	2 18 09	98 01 1	969 07	0 0 9 0 3	- x - 07	000 75	2 13 09	98 01 1	018 85	0 0 9 0 1	- x - 81	—	—	0	—	0.1	—
	Karachi (*Manora*)	000 77	6 25 09	95 05 2	002 87	6 5 4 0 0	- - - 80	000 75	7 25 13	95 05 2	014 84	7 6 4 0 0	- - - 82	0	0	0	- 0.0	0	8
	Karachi (*A. P.*)	000 77	2 25 14	96 01 1	008 88	2 1 5 0 0	- - - 82	000 77	7 25 17	96 02 5	044 84	7 6 4 0 0	- - - 82	—	—	0		0.1	—
	Badin	000 74	0 23 07	97 00 0	995 98	0 0 9 0 0	- - - 01	000 77	0 27 05	97 00 0	041 84	0 0 9 0 0	- - - 80	+ 4	- 2	0	- 1.0	0	9
	Nagarparkar																		
	Chhor (*Umarkot*)							000 77	0 20 10	97 00 0	038 86	0 0 9 0 0	- - - 78	—	—	0	—	0	—
	Hyderabad	000 72	0 23 05	97 00 0	992 97	0 0 9 0 0	- - - 03	000 75	0 23 10	96 00 0	084 85	0 0 9 0 0	- - - 81	+ 2	- 1	0	- 0.7	0.2	7
JUNAGADH	Veraval																		29
AFGHANISTAN	Kabul																		12
	Jalalabad	000 50	2 09 02	97 01 0	983 97	x x x x x	- - - 98	000 67	0 00 00	97 00 1	990 83	0 0 9 0 0	9 xx 74	—	—	0.5	—	6.9	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY THE 6TH JULY. 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	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_t D_a D_M T_x T_x$	RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_t D_a D_M T_n T_n$	$T_x T_x$	$T_n T_n$	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
Iran	Charbar	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	4
	Mashed	-	-					-	-	-	-	-	-	-	-	-	-	-	10
	Bushire		...					-		-			-	-					11
Arabia	Muscat	000 75	0 09 02	97 00 0	989 92	0 0 9 0 0	- - - 85	000 84	0 36 02	96 02 1	788 89	0 0 0 2 0	- - x 87	- 5	0	0.1	0.1	2.2	4
	Sharjah																		4
	Kuwait	000 65	0 09 02	97 00 0	990 08	0 0 9 0 0	- - - 89	000 65	0 25 09	97 00 0	039 06	0 0 9 0 0	x 0 1 09	-	-	0	-	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,350 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 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 La La La	Lo Lo Lo 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 $h_s h_s$	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										
Herefordshire	52 178	401 00	0 30 02	98 02 0	994 84	00 9 00	-	-	-	-
Hesion	52 180	705 06	5 27 11	xx xx x	070 88	33 x 10	...	...	...	-
Rizwani	58 200	712 18	1 27 10	88 02 0	071 80	11 4 00	-	-	...	-
Bali	58 185	600 12	6 22 24	97 03 1	089 81	68 5 00	5 4 911	-	0 02 70	1 22 52
Oranje	58 104	658 12	5 24 14	98 03 1	091 82	32 5 09	2 7 013	...	0 02 73	1 28 45
Hasion	52 184	715 12	4 27 11	98 02 1	054 91	41 8 00	-	-	...	-
Oranje	53 019	641 06	5 23 10	98 03 2	110 81	32 5 40	2 7 117	-	0 00 78	1 28 46
Ravello	58 031	658 12	2 25 11	88 02 0	210 86	11 5 01	7 4 808	-	0 02 77	1 24 47
Martand	58 101	641 06	2 26 18	98 02 0	104 51	12 x 01	6 5 003	...	0 02 82	1 26 22
Tabian	53 081	525 06	3 21 18	98 02 0	139 79	32 4 00	6 5 312	-	0 00 71	1 19 32
Pacificimporter	52 108	634 18	5 25 18	99 02 1	103 82	81 5 08	2 3 528	-	0 01 76	-
Importer	58 108	644 12	7 26 22	89 25 1	090 82	72 5 -x	2 3 905	-	0 21 78	-
Janconvet	58 128	627 12	4 24 24	98 03 1	071 84	24 x 80	2 4 605	-	0 04 75	1 24 69
City of Bristol	58 124	574 12	3 21 20	80 02 0	051 81	81 5 00	6 5 910	-	0 09 72	1 21 32
Atlantis	58 078	670 08	6 12 14	99 02 1	147 81	22 6 22	7 5 300	-	0 00 74	-
Sovausteer	58 123	748 06	3 11 13	98 02 0	150 78	11 6 05	7 4 020	-	0 58 00	1 10 34

SHIP	YQ La La La	Lo Lo Lo 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 $h_s h_s$	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
BAY OF BENGAL										
Taksong	52 080	076 00	8 33 13	82 81 10	095 88	47 x 20	3 4 303	8 4 7xx	0 58 75	1 28 82
Trevaylor	58 229	821 12	9 14 30	98 25 5	102 74	xx x xx	3 3 200	-	-	-
Somerset	50 840	817 00	3 12 18	98 02 0	140 74	81 5 00	5 6 x x	-	0 54 65	-
Empire Pride	53 059	946 00	3 20 09	98 02 5	068 62	78 4 20	2 5 800	-	0 00 75	1 23 48
King Robert	56 092	910 09	7 12 13	99 02 1	099 79	31 6 40	3 1 103	-	0 34 78	-
Rajputana	58 181	822 02	3 21 03	81 03 2				-	-	-
Tosra	52 068	946 00	7 17 16	98 01 8	186 81	11 5 25	2 4 680	-	0 00 78	1 18 5x
Haban	50 157	889 06	4 99 98	98 03 1	170 81	42 6 21	7 6 009	-	0 01 87	1 17 35
Friezland	58 020	860 06	4 27 10	98 15 1	094 82	32 4 51	6 5 909	-	0 12 34	1 40 x3
Ballard	58 240	874 06	4 23 13	82 01 0	064 84	32 5 04	7 0 000	-	0 00 77	1 22 22
Robulo	58 073	898 12	7 20 09	98 15 1	072 22	49 6 09	2 4 307	8 4 990	0 51 70	1 20 [illegible]
Dullas	53 147	805 12	7 28 18	98 25 2	954 77	62 4 36	7 3 500	-	0 56 72	1 32 34
Empire Halladale	52 059	953 06	5 25 16	98 03 1	098 85	32 5 35	6 5 007	-	0 01 74	1 25 x1
Somerset	55 138	820 06	5 12 20	98 00 1	154 78	51 4 00	5 6 xxx	-	0 52 62	
Tosara	55 057	954 00	7 26 10	98 02 2	099 84	11 4 20	2 4 906	-	0 00 78	1 30 31
King Robert	57 102	918 06	6 12 13	99 02 1	101 80	22 5 70	3 4 835	-	0 52 78	-
Treveylor	58 126	824 06	0 14 24	98 25 0	184 76	74 0 00	3 3 309		0 57 73	1 14 5x
Aunenberk	57 186	016 60	7 13 21	98 02 2	189 73	74 5 xx	7 6 200	-	0 01 15	1 18 45
Cosbianco	58 120	817 04	4 10 15	75 02 1	101 26	46 5 10	3 4 308	-	0 51 78	-

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	29
Karachi	780 14	000 29	246 60	000 08	292 46	854 07	202 87	700 28	195 51	509 35	540 97	301 95	760 97	555 55	319 00	231 47	609 11	181 89	553 00	201 38	727 30	211 51	456 00	005 48	775 3

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	12 17	12 17	14 15														18 19							
Chhor	23 18	25 15	23 16	18 04	01 05	33 09	29 03																	
Chittagong	19 21	19 26															16 09							
Cox's Bazar	16 22	18 25	19 21																					
Dacca	19 14	20 31	20 25	21 27	22 21	32 17																		
Dalbandin					17 05	25 04	30 04	30 06						19 01	09 01	20 06								
Drosh													05 04	26 18	34 02	03 05			26 08	31 18	29 11	33 17		
Fort Sandeman				31 04	19 02	31 01	25 05	33 35						21 08	33 31	26 39				18 04	22 05	30 18	28 19	
Jacobabad	12 04	09 05	11 06	18 06	26 05	36 03	26 09	30 15	30 17		16 04	15 08	18 07	19 09	20 09		19 18	19 07	19 05	19 04	26 02	36 05	09 13	
Jhelum	20 07	25 04	26 03	22 16	33 05	33 08	31 19	27 30	25 25	26 27							36 01	26 06	31 05	33 05	31 06	32 07	30 33	33 2
Jiwani																								
Karachi	26 17	26 17	20 13								24 19	25 17	25 17	25 09	03 08		26 20	36 19	27 15					
Khanpur	19 09	19 09	19 07	21 06	19 03	21 04											23 20	25 17	27 18	36 09	29 07			
Lahore											26 06	23 10	20 09	31 02	31 03	24 03	21 03	33 05	33 00	29 22	30 11	36 15	05 20	
Multan	21 08	20 09	21 09								15 10	30 13	21 15	32 17			16 15	19 09	32 09	23 18	27 09			
Peshawar	05 04	11 03	26 06	27 12	28 13	29 17	31 13	32 31																
Quetta					30 02	29 05	35 13	03 27	05 22	06 37					18 04	24 07					15 07	33 09		
Veraval																								
Sharjah																								

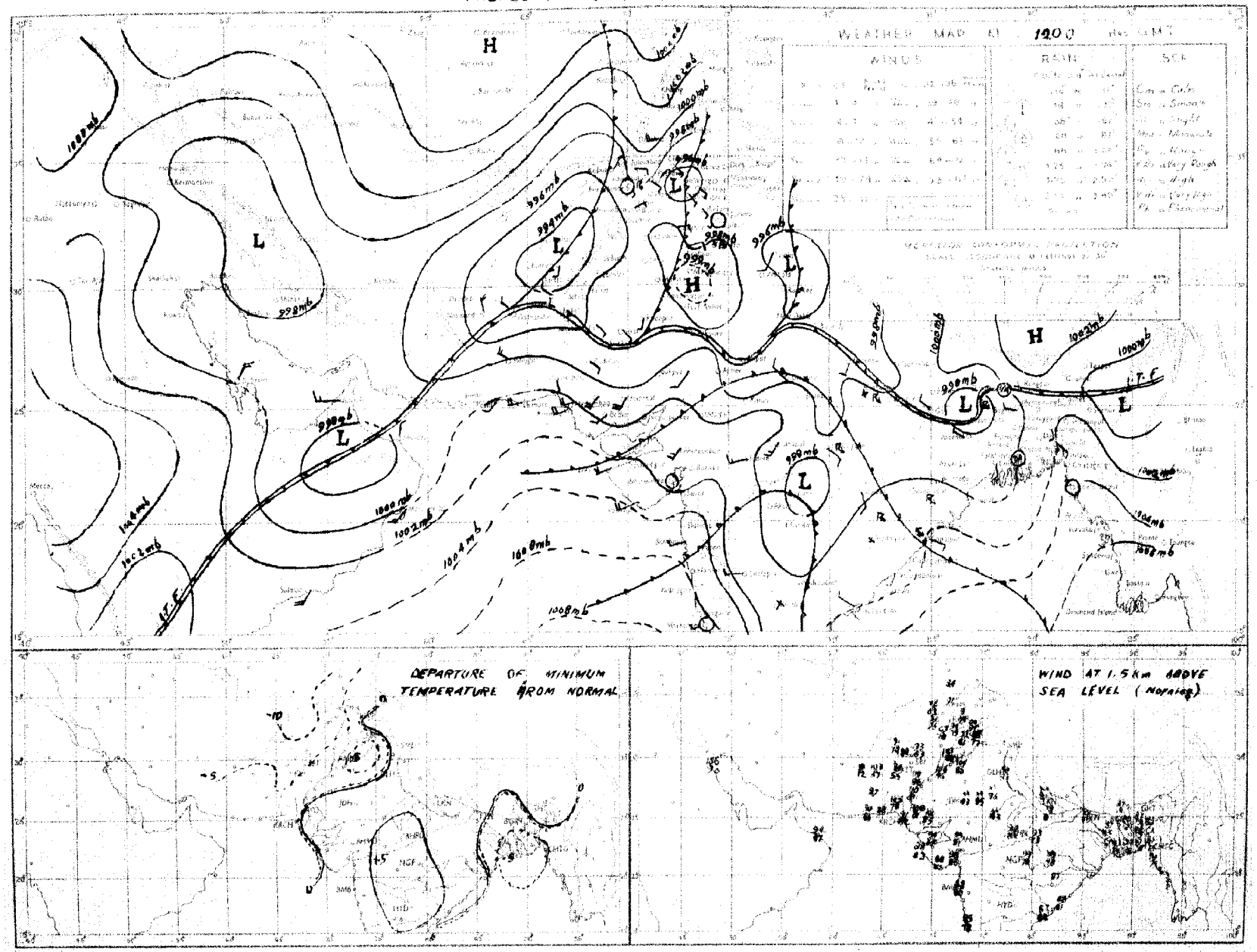
Cloud Observation Data (iiiGG Cddv, v_r)

* 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.

E. P. W.

PAKISTAN DAILY WEATHER MAP

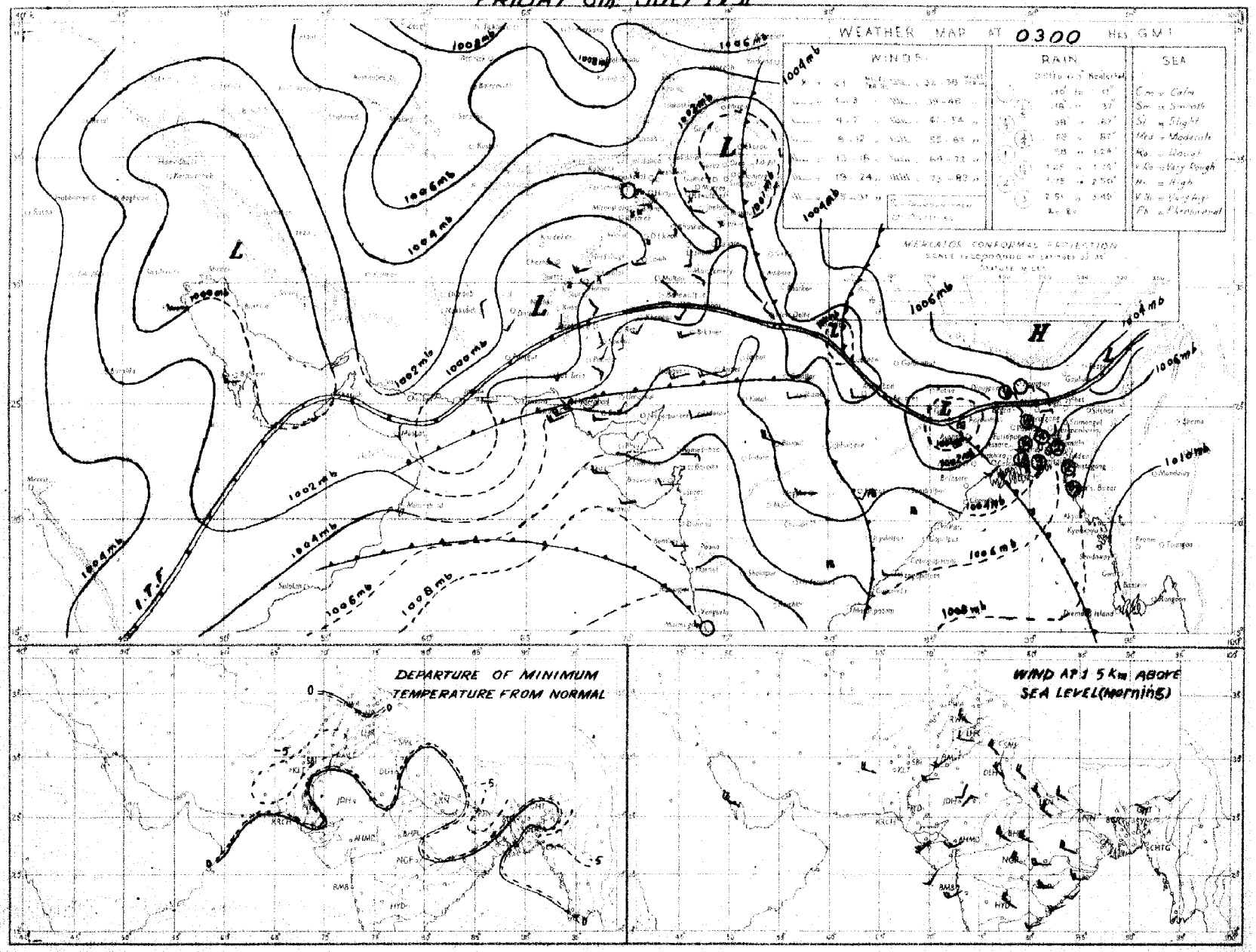
THURSDAY 5th JULY 1951



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 6th JULY 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-1467

FOR SATURDAY, THE 7TH JULY, 1951

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

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

Yesterday's low now lies over Bihar and adjoining East United Provinces. It is likely to move westnortheastwards.

Seasonal low lies accentuated over the lower North-West Frontier Province and the adjoining Punjab.

Fairly widespread rain has occurred in East Pakistan and scattered thunderstorms/showers in the North-West Frontier Province. Isolated dust thunderstorms have also been reported from the Punjab and the lower North-West Frontier Province.

Chief amounts of rainfall are :—Cox's Bazar 1¼" ; Comilla, Jessore and Bannu ½" each ; Chittagong Rangpur and Chakdara ¼" each.

Day temperatures were generally appreciably below normal in the North-Nest Frontier Province, Baluchistan and Northern and Deltaic sub-divisions of East Pakistan.

Forecast valid until the evening of 8th :—Fairly widespread rain will occur in East Pakistan and Scattered thunderstorms/showers in the upper North-West Frontier Province, Kashmir and the north Punjab. Scattered dust raising winds and dust haze will also occur in the south Punjab, the lower North-West Frontier Province and north Baluchistan. There will be low clouds along Sind-Mekran coast.

Karachi-11.
The 7th July, 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	$N_hC_Lh\ C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\ C_MC_H$	$W_tD_sD_MT_nT_n$	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 75	6 18 03	95 01 1	060 81	6 6 6 0 0	1 x x 88	145 76	8 00 00	98 61 6	071 77	2 6 4 7 7	9 x 0 75	+ 2	2	84.8	- 4.1	64.7	140
	Chittagong	017 78	8 25 05	97 32 6	047 77	7 7 5 7 0	4 x 9 85	022 78	6 16 02	97 02 6	058 81	6 6 5 0 0	4 x x 78	- 1	- 1	91.7	+ 5.5	61.5	108
	Comilla	053 75	7 13 13	98 03 6	087 80	7 4 7 0 0	6 0 0 84	063 77	7 10 13	98 03 1	063 83	7 4 7 0 0	9 0 0 78	- 8	+ 1	80.8	+ 8.8	30.6	115
	Brahmanbaria	000 78	6 18 02	96 02 1	030 82	8 4 5 2 0	0 x 0 87	060 77	4 13 02	97 03 1	051 85	4 5 5 0 0	- - 78	—	—	11.9	- 4.9	17.7	84
	Dacca	xxx 76	3 20 04	96 01 1	021 81	2 5 4 1 0	- 85	xxx 77	7 16 05	98 02 2	040 83	6 5 4 2 0	9 x x 77	—	—	—	—		78
	Narayanganj	005 76	5 18 02	95 02 6	027 81	5 0 7 7 0	9 x 0 84	005 78	8 16 08	95 03 6	037 84	8 6 5 -	9 x x 76	- 4	- 3	31.2	+ 15.8	50.2	76
	Mymensingh	000 81	8 09 02	99 02 7	026 86	8 4 7	89	105 77	8 13 06	99 02 2	051 83	6 3 7 0 0	- - - 75	+ 2	- 3	25.3	+ 8.7	38.5	91
	Srimangal	034 79	5 13 08	97 01 6	028 82	3 2 5 0 1	2 7 x 68	037 77	5 18 08	97 09 6	054 81	2 2 6 4 1	6 6 3 75	- 2	- 1	22.4	+ 0.1	29.6	88
	Khulna	021 74	6 18 02	97 02 5	029 79	6 4 7 0 0	- - - 80	021 79	4 18 03	97 02 0	041 85	4 4 7 0 0	- - - 77	- 3	- 1	12.0	- 3.8	19.9	66
	Satkhira																		66
	Jessore	057 76	8 18 05	96 02 6	025 81	8 7 6 . -	6 x x 63	057 81	7 18 08	96 02 2	035 86	7 8 0 0 0	- - - 78	—	—	11.0	- 4.2	18.7	65
	Faridpur	002 78	7 08 05	97 03 6	028 80	5 5 6 1 0	6 x x 80	000 79	7 07 05	97 03 1	028 83	5 5 7 1 0	9 x x 76	- 8	- 1	18.1	+ 2.5	25.5	71
	Barisal	039 xx	8 18 05	97 02 6	033 79	5 4 6 8 9	- - 83	039 78	6 18 03	97 01 1	044 84	1 5 6 4 8	- - 77	+ 1	- 2	16.9	- 2.0	25.9	81
	Pabna																		60
	Rampur Boalia *																		60
	Sirajganj	000 81	8 18 05	99 02 2	011 81	8 4 7 - -	- - - 86	000 78	8 13 08	98 01 2	045 79	4 7 7 0 0	- - - 77	- 11	- 1	22.8	+ 7.6	36.7	64
	Bogra	003 79	8 13 02	96 02 6	009 83	5 6 6 2 0	- - - 86	003 77	8 18 30	96 02 6	045 80	5 5 5 2 -	- - - 72	- 3	0	23.4	+ 6.8	30.6	68
	Dinajpur	015 79	4 00 00	97 01 6	018 83	2 2 4 5 2	9 2 2 85	015 77	7 09 02	97 02 2	032 81	7 6 7 0 0	9 0 - 78	- 4	0	20.6	+ 25.4	25.0	72
	Rangpur	025 xx	2 09 02	98 02 6	— —	2 1 8 0 0	- - - —	040 xx	8 00 02	96 02 5	— —	6 5 8 0 0	- - - —	—	—	22.0	—	20.4	86
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 68	4 05 07	96 01 0	981 02	0 0 9 4 0	0 0 2 03	000 69	0 13 04	96 01 0	993 91	0 0 9 2 0	0 0 2 88	0	0	1.0	- 0.8	5.2	12
	Lahore	000 63	0 00 00	96 00 0	987 02	0 0 9 0 0	- - - 03							+ 2					15
	Sialkot	000 62	2 22 03	97 03 1	992 01	1 1 6 0 1	- - - 02	000 64	1 00 00	97 01 1	003 90	0 0 9 0 1	- - - 78	+ 8	- 8	2.0	- 2.8	7.2	22
	Jhelum	000 88	7 27 08	97 03 1	989 95	8 3 7 2 2	7 9 9 01	000 77	2 00 00	96 03 0	010 88	0 0 9 3 0	- - - 75	—	—	3.9	—	13.1	—
	Rawalpindi	000 63	5 27 09	95 03 1	001 84	6 2 7 0 0	- - - 02	000 62	5 00 00	98 02 2	004 88	0 0 9 3 0	6 0 0 78	+ 3	- 1	2.6	- 1.0	13.5	34
	Murree †	000 55	6 16 19	96 02 9	942 79	6 9 8 0 6	3 x x 78	030 52	2 25 02	96 01 9	940 69	2 1 4 0 0	9 x x 60	+ 8	+ 1	6.9	0.4	28.5	50
	Attock	xxx xx	0 18 05	98 00 2	—	0 0 9 0 0	4 0 0 —	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Khushab	000 67	1 11 06	97 01 1	996 00	0 0 9 1 0	- - - 02	000 63	0 09 05	97 00 0	004 90	0 0 9 0 0	- - - 82	- 2	- 1	0.7	- 1.2	5.5	15
	Montgomery	000 70	0 00 00	96 00 0	972 93	0 0 9 0 0	- - - 07	096 69	0 00 00	96 01 1	018 90	0 0 9 3 0	1 x x 82	+ 3	- 2	1.4	— 0.3	5.0	10
	Leiah	000 97	0 22 02	97 00 0	966 98	0 0 9 0 0	- - - 10	000 84	0 27 02	97 00 0	002 92	0 0 9 0 0	- - - 85	—	—	0	—	5.7	3
	Multan	000 00	0 18 05	97 00 0	977 07	0 0 9 0 0	- - - 03	000 69	0 18 05	97 00 0	007 92	0 0 9 0 0	- - - 87	+ 5	+ 2	0.8	0.7	3.5	7
	Khanpur	000 79	0 31 05	95 05 0	977 07	0 0 9 0 0	- - - 09	000 78	0 23 09	94 07 0	016 88	0 0 9 0 0	- - - 84	+ 2	+ 1	0.5	0.3	2.2	4
	Bahawalpur	000 05	4 23 02	97 00 0	978 07	0 0 9 0 0	- - - 08	000 72	0 23 02	97 00 0	006 90	0 0 9 0 0	- - - 86	+ 8	+ 2	0	0.7	3.1	4
	Fort Abbas	000 72	0 28 05	96 00 0	973 07	0 0 9 0 0	- - - 08	000 71	0 23 09	96 00 0	000 98	0 0 9 0 0	0 x x 88	—	—	0.2	—	1.1	3
N. W. F. P.	Drosh *	000 38	6 23 12	93 03 1	894 86	5 3 6 0 0	8 x x 91	000 50	1 00 00	93 03 1	946 71	1 1 8 0 0	9 x x 87	- 5	—	0.8	—	20.5	15
	Chakdara	000 92	0 00 00	99 00 0	948 99	0 0 9 0 0	- - - 99	025 60	0 27 02	98 00 0	920 79	0 0 9 0 0	- - - 70	—	—	0.4	—	12.7	—
	Cherat *	000 58	2 16 04	97 01 9	923 85	0 0 9 0 2	2 0 x 90	000 50	0 13 04	97 00 0	938 78	0 0 9 0 0	- - - 71	0	- 1	0.7	- 0.7	22.8	20
	Peshawar	000 62	2 09 05	96 02 9	974 01	2 9 8 0 0	- - 01	000 62	2 00 00	96 02 1	007 91	0 0 9 3 0	- - - 77	- 2	- 8	0.4	0	7.7	14
	Parachinar	000 27	4 09 02	96 02 9	921 58	2 2 5 6 0	7 x 3 84	000 64	0 00 00	99 00 1	951 72	0 0 9 8 0	8 x x 63	- 4	- 3	2.7	—	20.5	29
	Miranshah	000 55	5 11 05	97 00 0	911 96	5 8 6 6 6	- - - 96	000 68	0 00 00	98 00 0	924 85	0 0 9 0 0	- - - 76	—	—	0.7	- 0.4	7.8	13
	Bannu	000 63	9 09 17	95 09 3	971 93	9 0 - -	- - - 02	060 75	0 00 00	96 05 0	000 84	0 0 9 0 0	- - - 71	—	—	0.6	—	5.5	11
	D. I. Khan	000 78	8 02 02	95 02 0	977 06	0 0 9 0 5	0 0 0 06	000 74	0 07 04	95 06 0	984 88	0 0 9 0 0	- - - 76	+ 2	7	0.8	0.7	2.0	9
	Wana																		11
	Landikotal	000 71	0 13 08	98 00 0	896 92	0 0 9 0 0	- - - 92	000 68	0 31 02	98 00 0	920 82	0 0 9 0 0	- - - 72	—	—	0.2	—	9.5	—
	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	7 26 13	98 03 5	— —	3 8 7 8 1	2 9 9 —	xxx xx	0 38 09	99 00 0	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 24	2 23 05	97 01 1	858 98	0 0 9 2 0	- - - 99	000 49	0 00 00	97 00 0	910 80	0 0 9 0 0	- - - 74	- 2	- 1	0	- 0.1	5.0	13
	Hindubagh	000 34	2 27 10	98 01 1	892 91	0 0 9 3 0	7 0 x 98	000 37	0 27 15	97 00 0	949 80	0 0 9 0 0	- - - 62	—	—	0	—	3.3	—
	Loralai	000 63	0 28 02	96 00 0	868 98	0 0 9 0 0	- - - 94	000 xx	0 00 00	96 00 0	922 80	0 0 9 0 0	- - - 71	—	—	0.1		4.5	14
	Harnai (a)	000 xx	0 09 06	94 05 4	-- —	0 0 9 0 0	- - - —	000 xx	0 27 02	96 00 0	—	0 0 9 0 0	- - - —	—	—	0	- 1.1	5.6	5
	Sibi	000 49	0 18 05	98 00 0	965 09	0 0 9 0 0	- - - 10	000 70	0 13 05	97 00 0	016 98	0 0 9 0 0	- - - 88	—	—	0		1.5	9
	Quetta †	000 38	1 27 05	98 01 0	934 93	0 0 9 3 0	- - - 98	000 46	0 18 02	97 05 0	942 77	0 0 9 0 0	- - - 65	—	—	0	- 0.2	3.5	8
	Chaman	000 75	0 22 05	97 00 0	901 94	0 0 9 0 0	- - - 95	000 40	0 09 02	97 00 0	919 88	0 0 9 0 0	- - - 78	- 7	- 3	0	0	9.5	—
	Nushki							000 63	0 09 16	97 00 0	975 92	0 0 9 0 0	- - - 80		—	0	—	5.4	4
	Dalbandin *	000 49	0 27 02	94 05 0	905 05	0 0 9 0 0	- - - 06	000 37	0 00 00	94 05 0	916 81	0 0 9 0 0	- - - 68	- 3	- 7	0	0	1.8	3
	Nokkundi	000 93	0 34 02	99 00 0	948 07	0 0 9 0 0	- - - 09	000 75	0 34 02	99 00 0	982 91	0 0 9 0 0	- - - 77	—	—	0	-	0.9	
	Kalat †	000 66	0 18 05	93 00 0	939 88	0 0 9 0 0	- - - 90	000 42	0 18 05	98 00 0	956 89	0 0 9 0 0	- - - 64	- 1	- 8	0	- 0.3	9.0	7
	Turbat	000 88	0 23 05	97 00 0	018 04	0 0 9 0 0	- - - 06	000 70	8 22 03	95 03 2	025 86	8 9 8 2 0	0 0 x 88	—	—	0	—	1.4	—
	Panjgur *	000 76	1 36 02	97 03 0	925 00	0 0 9 0 1	9 6 x 02	000 71	0 27 03	97 00 0	933 77	0 0 9 0 0	- - - 78	- 1	- 3	0	—	3.2	3
	Las Bela	000 76	0 16 06	97 00 0	994 99	0 0 9 0 0	- - - 05							—					8
	Ormara	000 81	1 25 09	97 03 0	018 89	1 5 6 0 0	- - - 89	000 79	2 25 02	97 03 0	945 81	2 5 6 0 0	6 0 0 81	—	—	0	0	2.7	6
	Pasni	000 73	2 03 09	98 00 0	022 88	0 0 9 0 0	- - - 91	000 74	8 23 03	96 03 2	045 83	8 0 7 2 0	4 8 x 81	- 1	+ 3	0	- 0.4	4.2	6
	Jiwani																		4
SIND	Beli	000 70	0 18 05	96 00 0	987 09	0 0 9 0 0	- - - 10	000 74	0 18 05	96 00 0	034 84	0 0 9 0 0	- - - 81	—	—	0	—	0.0	4
	Jacobabad	000 56	0 18 07	96 05 0	982 06	0 0 9 0 0	- - - 10	000 71	0 13 05	96 00 0	020 85	0 0 9 0 0	- - - 82	0	- 3	0	0.4	0.5	4
	Sukkur	000 67	0 16 02	96 00 0	978 08	0 0 9 0 0	- - - 08	000 74	0 28 03	96 00 0	016 80	0 0 9 0 0	- - - 79	—	—	0	—	0.5	—
	Pad Idan	000 60	0 18 05	98 00 1	979 08	0 0 9 0 0	- - - 09	000 74	0 13 09	98 00 0	018 88	0 0 9 0 0	- - - 79	—	—	0	—	0.1	
	Karachi (*Manora*)	000 77	5 25 13	97 02 2	022 88	5 6 4 0 0	- - - 90	000 77	8 25 13	98 02 2	044 84	8 6 4 0 0	- - - 82	- 1	0	0	- 0.9	0	8
	Karachi (*A. P.*)	000 79	4 23 12	96 02 1	020 89	4 1 6 0 0	- - - 92	000 79	8 25 12	96 50 2	046 84	8 5 5 - -	- - - 81	—	—	0		0	9
	Badin	000 72	0 22 07	97 00 0	018 09	0 0 9 0 0	- - - 00	000 75	0 27 02	97 00 0	048 85	0 0 9 0 0	- - 79	+ 4	- 3	0	- 2.0	0	
	Nagarparkar																		—
	Chhor (*Umarkot*)	000 81	0 20 16	97 00 0	006 10	0 0 9 0 0	- - - 08	000 76	0 22 10	97 00 0	035 85	0 0 9 0 0	- - - 78	—	—	0	—	0	7
	Hyderabad	000 72	0 23 05	97 00 0	007 98	0 0 9 9 0	- - - 02	000 77	2 25 12	96 03 0	033 85	2 1 8 0 0	- - - 80	+ 2	- 2	0	- 0.8	0.2	20
JUNAGADH	Veraval																		
AFGHANISTAN	Kabul	000 39	5 00 00	98 02 1	958 67	1 8 8 2 0	- - - 89	400 44	0 29 02	98 00 0	982 69	0 0 9 8 0	- - - 57	—	—	0	—	8.9	12
	Jalalabad							000 53	0 00 00	97 00 0	888 67	0 0 9 0 0	- - - 57		—	0	—	10.5	—
	Kandahar																		7

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY THE 7TH JULY, 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	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_xT_x$	RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_nT_n$	T_x T_x	T_n T_n	Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
		8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharbar	-	-	-	-			-	-	-	-			-	-	-	-	-	4
	Jask	-	-	-	-			-	-	-	-			-	-	-	-	-	4
	Mashed	-	-	-	-			-	-	-	-			-	-	-	-	-	10
	Bushire	-	-	-	-			-	-	-	-			-	-	-	-	-	11
Arabia	Muscat	000 81	0 86 02	98 00 1	003 90	0 0 9 0 0	- - - 92	000 88	3 06 02	98 02 1	007 88	2 0 9 0 2	01 × 87	- 6	- 2	0	- 6.1	6.6	4
	Sharjah													--	--	--	--	--	4
	Kuwait	000 78	0 00 00	97 00 0	990 10	0 0 9 0 0	- - - 13	000 77	0 24 05	97 00 0	025 91	0 0 9 0 0	- - - xx	--	--	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 (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10, 069 feet according to latitude).
(a) Reports only 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 Control, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	YQ L_aL_a	L_o L_o GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_s v_s app	8 N_s C h_sh_s	O T_1T_s T_dT_d	1 $d_wd_wP_wH_w$	SHIP	YQ L_aL_a	L_o L_o GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_s v_s app	8 N_s C h_sh_s	O T_1T_s T_dT_d	1 $d_wd_wP_wH_w$
	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Oranje	68 098	708 00	7 80 15	97 08 1	093 82	34 4 07	2 7 505	-	0 01 73	1 27 84											
Dara	68 217	691 06	8 88 06	98 00 0	076 64	00 9 00	7 4 315		0 53 75	1 28 ××											
Jaladata	68 206	696 06	3 82 26	97 01 2	074 88	21 3 00	2 3 117	8 0 000	0 02 77												
Jaladata	68 198	701 12	8 88 04	97 03 1	046 86	21 × 00	4 3 616	8 0 000	0 00 78	1 20 ×1											
Kirwani	68 227	682 18	0 17 00	98 01 1	059 84	00 9 00	-	-	-	-											
Jaladata	68 198	705 18	2 88 04	97 02 2	068 82	21 × 00	3 3 320	8 0 000	0 51 78	1 26 ×2											

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P2h1h1h1	T1T1TdTdTx1 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 29
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 †										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	4	5	10	15	20	25	30	1	2	3	4	7	10	1	2	3	4	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											14 21	17 23	18 26	-	-	-								
Dhor	21 17	21 17	21 16	21 11	21 06	06 04	06 10	05 05	22 24	22 25	-	-	-	-	-	-	17 17	18 20	18 17	-	-	-	-	-
Chittagong	16 06	19 10	-	-	-	-	-	-	-	-	16 23	-	-	-	-	-	22 11	23 15	22 09	16 04	16 08	15 17	16 13	07
Cox's Bazar	15 22	17 20	16 21	19 17	21 13	-	-	-	-	-	16 14	19 15	21 16	22 17	25 03	-	17 10	-	-	-	-	-	-	-
Dacca	17 21	17 18	17 15	-	-	-	-	-	-	-	18 13	19 20	20 18	-	-	-	-	19 16	-	-	-	-	-	-
Dalbandin	-	-	25 03	29 02	26 01	32 08	-	-	-	-	-	-	27 08	26 07	26 08	27 10	16 14	-	25 03	29 09	26 13	26 15	-	-
Drosh	-	-	-	-	21 06	×× ××	26 08	31 16	30 25	-	-	-	-	calm	25 04	31 10	-	-	-	-	27 08	28 05	28 11	26
Fort Sandeman	-	-	-	26 04	26 04	27 13	26 17	-	-	-	-	-	-	04 09	16 08	-	-	-	-	23 03	21 11	23 23	-	-
Jacobabad	16 06	16 06	17 11	18 06	17 04	18 09	26 04	02 06	-	-	16 13	16 20	18 15	20 22	27 06	27 08	19 13	17 07	19 07	21 07	20 09	23 03	08 09	-
Sheikum	13 05	24 04	26 04	28 06	33 08	33 10	29 18	32 17	-	-	04 10	26 10	34 19	31 06	29 07	29 06	09 01	07 02	06 05	09 09	11 08	26 12	-	-
Siwani	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Khanchi	25 13	25 16	27 15	-	-	-	-	-	-	-	25 18	26 14	26 13	-	-	-	27 11	27 11	26 10	-	-	-	-	-
Khanpur	21 15	23 14	23 10	29 07	20 09	-	-	-	-	-	23 15	21 17	21 17	22 14	24 02	-	24 22	24 25	23 23	20 10	15 09	-	-	-
Lahore	25 08	25 05	20 03	29 03	29 00	31 12	21 17	-	-	-	09 11	08 12	01 18	01 15	05 15	05 15	23 06	26 03	27 08	29 10	29 13	25 29	-	-
Multan	22 04	28 13	23 14	28 17	-	-	-	-	-	-	25 26	25 25	25 22	23 27	-	-	25 27	25 29	25 20	25 15	24 15	-	-	-
Peshawar	-	07 02	07 01	-	27 06	26 12	20 17	25 23	29 31	29 44	-	25 05	08 13	17 07	20 10	25 25	-	09 08	-	12 06	20 07	22 06	25	-
Quetta					16 10	27 07	-	-	-	-	-	-	-	-	16 10	25 04	-	-	-	-	14 11	24 09	26 13	20
Veraval	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sharjah																								

Cloud Observation Data (iiiGG Cddv, v,)

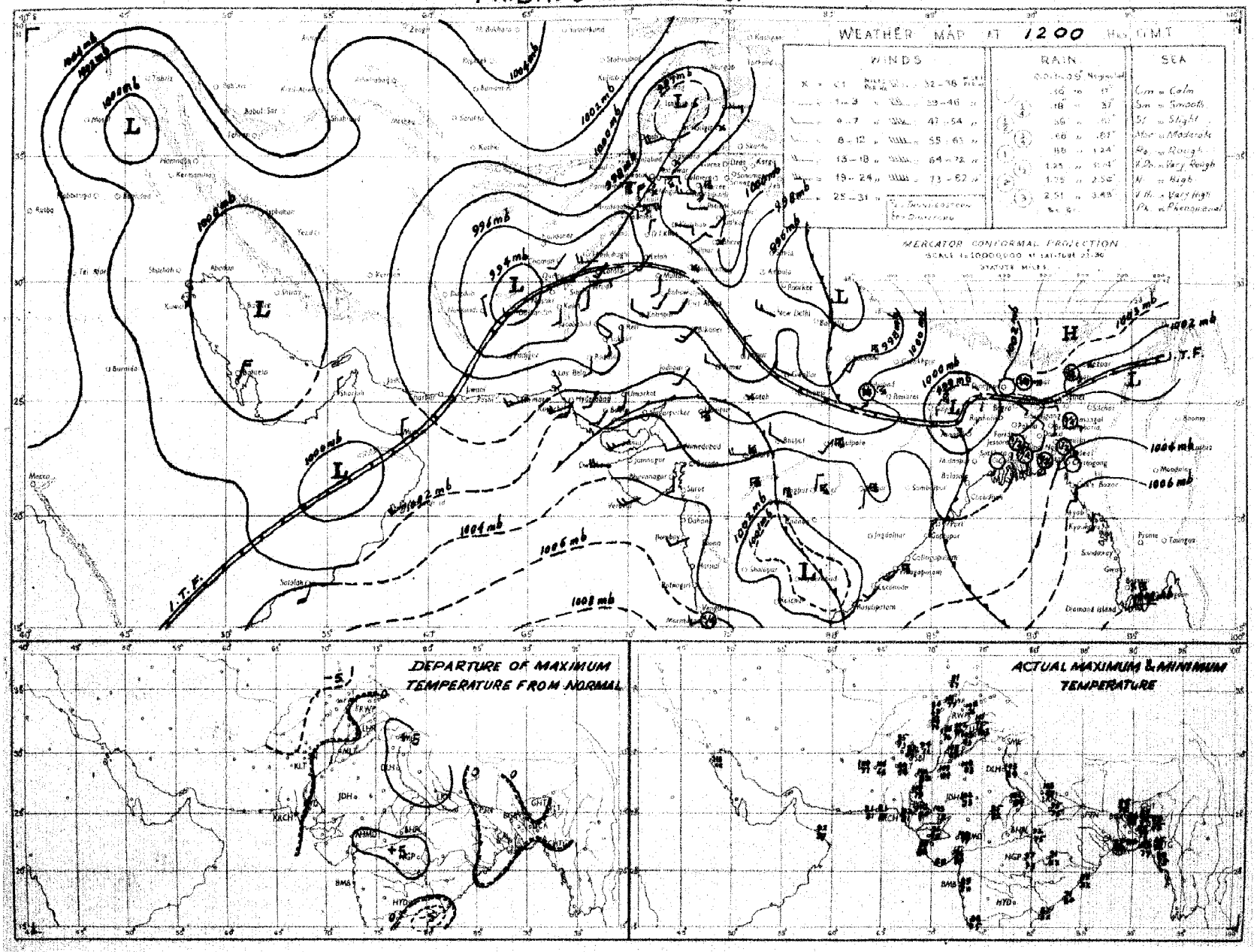
Drosh 51508 48111

* 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.

S. F. W.

PAKISTAN DAILY WEATHER MAP

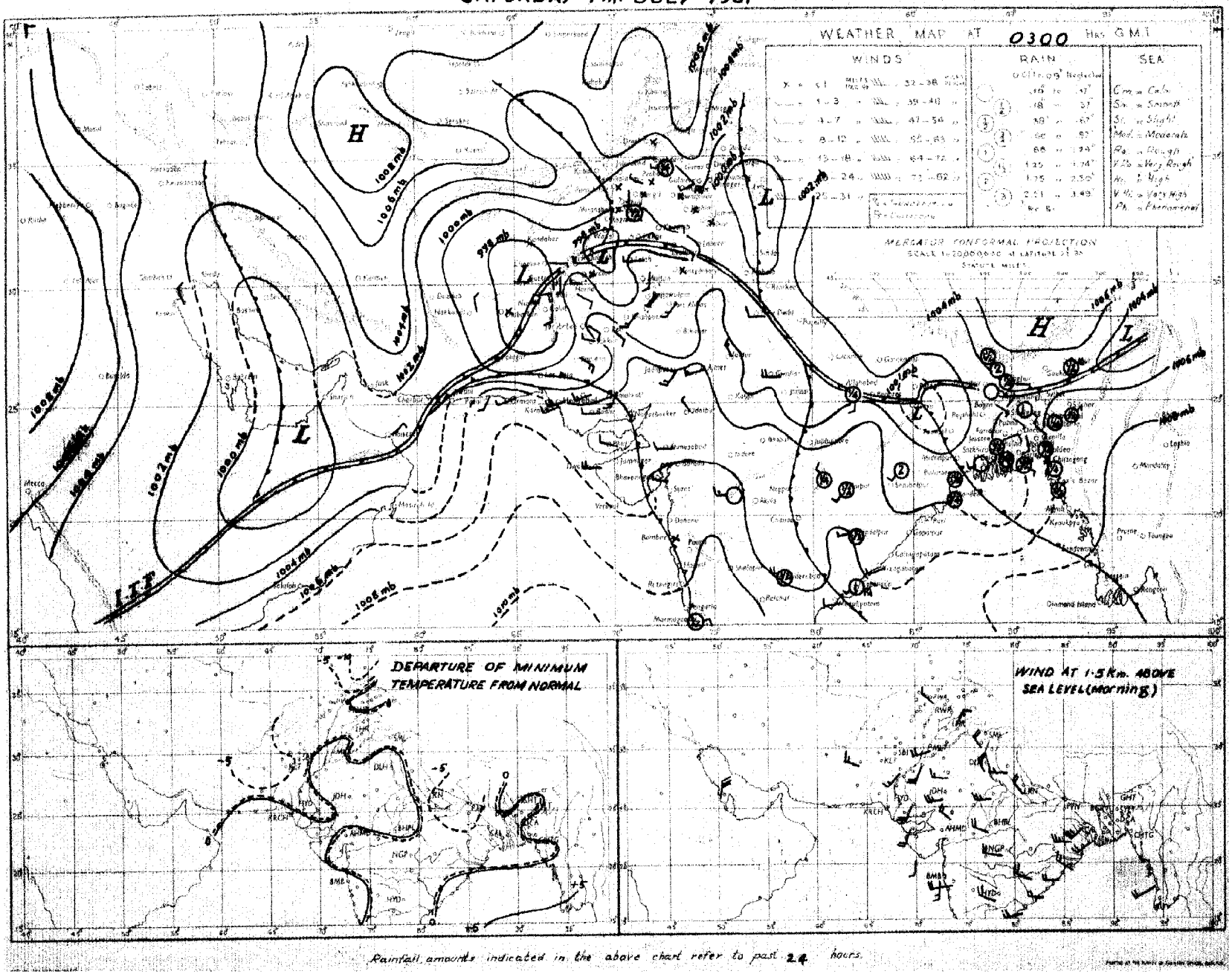
FRIDAY 6 th: JULY 1951



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 7th: JULY 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-1467

FOR SUNDAY, THE 8TH JULY, 1951

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

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

Seasonal low lies over the north Punjab where it is likely to get accentuated.

Yesterday's low over Bihar and adjoining East United Province persists there.

A trough of low lies off Konkan-Kathiawar Coast. Another trough has appeared in West Central Bay of Bengal.

Fairly widespread rain has occurred in East Pakistan and a few thunderstorms in the North Punjab.

Chief amounts of rainfall are :—Barisal 2" and Cox's Bazar, Khulna and Faridpur 1" each.

Day temperatures were appreciably to markedly above normal in the Punjab and lower Sind and appreciably below normal in the Eastern Sub-division of East Pakistan.

Forecast valid until the evening of 9th :—Fairly widespread rain/thundershowers will occur in East Pakistan and scattered thunderstorms in the north Punjab, the upper North-West Frontier Province, and Kashmir. Dust raising winds will also occur in the south Punjab, north Baluchistan. There would be low clouds along Sind Mekran Coast.

Karachi-11.
The 8th July, 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	$N_hC_Lh\,C_MC_H$	$W_tD_LD_MT_xT_x$	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	001 76	3 00 00	96 01 6	052 70	2 3 7 4 0	9 · × 83	023 75	4 00 00	96 02 6	072 85	2 1 0 2 0	9 - × 75	- 3	2	35.1	- 5.1	45.0	140
	Chittagong	000 74	7 20 13	97 02 1	035 81	5 8 4 7 1	9 4 4 82	000 75	6 16 05	97 02 1	060 82	6 8 3 0 0	- - - 77	- 3	0	31.7	+ 4.7	61.5	108
	Comilla	000 77	8 23 13	98 03 1	026 84	8 5 7 ·	- - 86	000 77	7 18 09	98 03 1	056 81	7 4 7 0 0	- - - 79	- 1	+ 2	30.8	+ 3.2	36.5	125
	Brahmanbaria	000 77	3 20 02	97 02 1	024 81	3 0 7 4 0	- - 4 88	000 76	8 18 02	96 03 1	055 82	8 4 5 - -	- - - 77	—	—	11.9	- 5.3	17.7	94
	Dacca	xxx 77	4 18 05	97 01 6	010 81	2 8 7 3 0	7 · 9 87	xxx 80	7 18 02	96 21 6	049 82	6 8 4 2 0	9 - - 75	—		—	—		78
	Narayanganj	000 76	7 16 03	95 58 9	011 82	1 5 5 0 9	9 × 89	000 78	5 16 03	95 50 6	040 82	5 2 5 0 0	- - - 78	+ 1	- 1	31.3	+ 5.4	50.3	74
	Mymensingh	000 76	3 00 00	99 01 1	031 82	2 1 5 0 0	88	000 77	7 11 02	99 03 1	065 83	7 2 8 0 0	- - - 78	- 4	0	25.3	+ 3.1	32.5	83
	Srimangal	013 79	6 18 03	97 02 6	023 85	4 8 6 0 1	5 6 86	013 75	7 18 03	96 18 3	061 83	5 8 6 3 1	0 × 3 76	- 3	0	22.5	- 0.2	32.7	96
	Khulna	087 76	4 18 02	93 00 5	014 80	4 4 7 0 0	- - - 83	087 79	4 18 03	97 02 1	048 85	4 4 8 0 0	- - - 76	0 - 3	- 2	12.4	- 4.0	20.3	[illegible]
	Satkhira																		[illegible]
	Jessore	010 76	4 13 05	95 02 6	005 85	4 6 6 0 0	7 - - 69	010 81	6 18 05	96 02 2	042 87	6 8 6 0 0	- - - 74	—	—	11.1	- 4.4	18.6	[illegible]
	Faridpur	020 70	5 09 05	97 02 6	011 80	2 5 6 1 0	6 - × 80	020 79	6 07 02	97 02 1	050 85	4 5 6 1 0	9 - × 76	- 3	- 2	16.3	+ 2.1	25.7	[illegible]
	Barisal	175 75	7 16 03	97 01 6	015 79	0 0 9 7 3	6 × × 86	175 81	8 20 02	97 02 1	050 85	6 4 5 3 -	- - × 77	- 3	- 2	19.7	- 0.5	27.7	[illegible]
	Pabna																		[illegible]
	Rampur Boalia																		[illegible]
	Sirajganj	000 80	6 13 07	99 01 2	001 80	4 3 8 0 0	- - - 87	000 82	6 12 05	99 01 2	041 88	4 2 8 × 0	- - - 77	0	- 1	22.8	+ 7.2	38.6	66
	Bogra	000 78	4 12 03	96 01 0	014 84	1 1 6 0 8	- - 90	000 76	5 13 02	96 01 2	041 84	3 2 7 6 0	- - × 79	- 1	+ 1	23.4	+ 6.3	30.7	69
	Dinajpur	012 80	5 00 00	97 58 1	002 84	0 0 9 6 1	9 3 3 89	012 77	4 09 02	97 01 2	053 84	0 0 9 4 0	- - - 79	0	+ 1	20.7	+ 1.9	25.1	72
	Rangpur	007 xx	8 07 02	96 51 5	—	8 5 8 - -	- - - xx	012 xx	7 11 02	97 02 5	—	7 5 8 0 0	- - - xx	—	—	31.6	—	26.0	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Alibad																		—
PUNJAB	Lyallpur	000 51	0 20 04	96 00 0	947 06	0 0 9 0 0	- - - 07	000 50	0 20 05	95 00 0	972 88	0 0 9 0 0	- - - 83	+ 4	0	1.0	- 0.9	5.2	12
	Lahore	000 50	0 27 02	97 00 9	957 07	0 0 9 0 0	- - - 07	000 56	0 28 02	95 05 0	980 91	0 0 9 0 0	- - - 83	+ 3	+ 3	1.7	- 1.1	5.7	19
	Sialkot	000 66	1 23 02	97 02 1	954 03	1 2 6 0 0	- - - 05	000 64	1 05 02	97 02 1	992 94	0 0 9 0 1	- - - 84	+ 6	+ 3	2.0	- 2.5	7.2	32
	Jhelum	000 82	1 13 03	96 05 1	952 00	1 1 7 0 0	- - - 04	000 70	0 00 00	97 00 0	983 90	0 0 9 0 0	- - - 77	—	—	2.9	—	18.1	—
	Rawalpindi	000 60	3 27 02	96 01 1	950 02	0 0 9 1 0	- - × 04	000 59	0 00 00	99 00 1	977 93	0 0 9 0 0	- - - 80	+ 5	+ 3	2.6	- 1.2	13.5	36
	Murree †	000 67	6 09 05	85 29 1	920 77	6 9 3 0 0	9 - - 78	000 51	0 00 00	97 00 2	931 71	0 0 9 0 0	- - - 60	+ 3	+ 1	6.9	0.8	28.5	60
	Attock	xxx xx	0 11 05	98 00 0	—	0 0 9 0 0	- - - xx	xxx xx	0 09 05	98 00 0	—	0 0 9 0 0	- - - xx	—	—	—		—	—
	Khushab	000 66	0 07 05	97 00 0	958 04	0 0 9 0 0	- - - 05	000 66	0 11 05	98 00 0	977 92	0 0 9 0 0	- - - 82	+ 1	- 1	0.7	- 1.4	5.5	15
	Montgomery	000 55	0 00 00	96 03 2	957 04	0 0 9 0 7	- - - xx	000 70	0 31 02	97 00 0	991 89	0 0 9 0 0	- - - 82	—	- 2	1.4	- 0.4	6.0	10
	Leiah	000 93	0 25 03	97 00 0	964 10	0 0 9 0 0	- - - 11	000 58	0 31 03	97 00 0	986 92	0 0 9 0 0	- - - 83	—	—	0	—	5.7	8
	Multan	000 55	0 18 05	97 00 0	964 08	0 0 9 0 0	- - - 09	000 70	0 18 05	96 00 0	989 91	0 0 9 0 0	- - - 84	+ 6	- 1	0.3	0.7	3.3	7
	Khanpur	000 80	0 22 11	95 05 0	958 09	0 0 9 0 0	- - - 10	000 76	0 23 09	95 05 0	987 86	0 0 9 0 0	- - - 82	+ 3	- 1	0.5	0.4	2.2	6
	Bahawalpur	000 55	0 25 04	97 00 0	961 07	0 0 9 0 0	- - - 08	000 78	0 23 12	97 00 0	994 88	0 0 9 0 0	- - - 85	+ 3	+ 1	0	0.8	3.1	6
	Fort Abbas	000 54	0 23 05	96 00 0	956 06	0 0 9 0 0	- - - 10	000 60	0 23 05	96 00 0	987 95	0 0 9 0 0	- - - 88	—	—	0.2	—	1.1	5
N. W. F. P.	Drosh *	000 28	4 25 12	98 01 1	270 87	4 3 6 0 0	- - - 02	000 42	0 00 00	98 00 1	934 74	0 0 9 0 0	- - - 70	- 4	- 2	0.3	—	20.5	10
	Chandara	000 62	0 00 00	99 00 0	949 95	0 0 9 0 0	- - - 99	000 56	0 00 00	98 00 0	902 79	0 0 9 0 0	- - - 72	—	—	0.4	—	18.7	—
	Cherat *	000 50	3 18 05	97 01 1	906 91	1 1 9 6 1	3 × × 94	000 52	0 31 02	97 00 0	916 80	0 0 9 0 0	- - - 72	+ 4	9	0.7	- 0.9	22.8	29
	Peshawar	000 57	3 05 03	96 02 1	942 02	1 1 6 3 0	- - × 02	000 59	0 00 00	96 00 0	990 88	0 0 9 0 0	- - - 77	0	- 3	0.4	- 0.1	7.7	14
	Parachinar	000 51	3 18 02	99 01 1	029 82	0 0 9 3 0	5 7 86	000 49	0 05 02	99 00 1	980 74	0 0 9 0 0	- - - 62	- 3	- 4	2.7	—	20.5	29
	Miranshah	000 59	0 11 03	97 00 1	923 96	0 0 9 0 0	- - - 98	000 76	0 00 00	98 00 0	908 80	0 0 9 0 0	- - - 78	—	—	0.7	- 0.5	7.3	18
	Bannu	000 63	0 16 03	97 06 4	945 02	0 0 9 0 0	- - - 03	000 74	0 00 00	98 00 0	980 88	0 0 9 0 0	- - - 79	—	—	0.6	—	5.5	12
	D. I. Khan	000 69	3 03 02	95 00 0	943 02	0 0 9 0 5	- × 07	000 70	0 02 02	95 00 0	967 87	0 0 9 0 0	- - - 79	+ 3	4	0.3	0.8	3.0	9
	Wana																		12
	Landikotal	000 71	1 05 02	98 02 1	881 95	1 1 6 0 0	- - - 97	000 62	0 31 02	99 00 0	900 88	0 0 9 0 0	- - - 75	—	—	0.2	—	9.8	—
	Hangu	xxx xx	0 00 00	97 00 0	—	0 0 9 0 0	- - - xx	xxx xx	0 00 00	97 00 0	—	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Thall	xxx xx	0 27 09	96 00 0	—	0 0 9 0 0	- - - xx	xxx xx	0 18 09	99 00 0	—	0 0 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 30	2 00 00	97 00 1	865 00	0 0 9 2 0	- · × 02	000 58	0 00 00	96 00 1	896 83	0 0 9 0 0	- - - 76	+ 1	+ 1	0	- 0.1	5.9	11
	Hindubagh	000 38	1 23 19	97 01 1	878 93	0 0 9 0 1	7 × - 94	000 44	0 20 10	98 00 0	931 82	0 0 9 0 0	- - - 62	—	—	0	—	8.3	—
	Loralai	000 64	0 23 05	98 00 0	808 94	0 0 9 0 0	- - - 96	000 58	0 00 00	97 00 0	906 77	0 0 9 0 0	- - - 67	—	—	0.1		6.5	—
	Harnai (a)	000 xx	0 09 02	95 00 0	—	0 0 9 0 0	- - - xx	000 xx	0 31 02	95 00 0	—	0 0 9 0 0	- - - xx	—		0	- 1.2	8.6	14
	Sibi	000 62	0 18 09	99 00 0	949 10	0 9 9 0 0	- - - 11	000 65	0 16 05	98 00 0	987 91	0 0 9 0 0	- - - 87	—	—	0	—	1.5	4
	Quetta †	000 42	0 24 08	97 00 0	921 94	0 0 9 0 0	- - - 95	000 61	0 00 00	97 10 0	927 78	0 0 9 0 0	- - - 67	—	—	0	- 0.2	8.6	9
	Chaman	000 39	0 31 02	97 00 0	897 97	0 0 9 0 0	- - - 00	000 34	0 22 02	97 00 0	900 87	0 0 9 0 0	- - - 75	- 2	- 1	0	0	9.5	8
	Nushki	000 76	0 27 12	97 00 0	932 06	0 0 9 0 0	- - - 07	000 62	0 13 12	97 00 0	955 91	0 0 9 0 0	- - - 84	—	—	0	—	5.4	—
	Dalbandin *	000 43	0 28 05	94 06 0	898 06	0 0 9 0 0	- - - 06	000 57	0 05 03	94 05 0	901 80	0 0 9 0 0	- - - 72	- 3	- 2	0	0	1.8	4
	Nokkundi	000 67	0 34 09	99 00 0	972 10	0 0 9 0 0	- - - 13	000 64	0 07 09	99 00 0	964 88	0 0 9 0 0	- - - 76	—	—	0	—	0.9	2
	Kalat †	000 62	0 36 05	98 00 0	989 89	0 0 9 0 0	- - - 91	000 54	0 18 02	98 00 0	942 72	0 0 9 0 0	- - - 80	0	- 2	0	- 0.3	9.0	7
	Turbat	000 66	0 28 03	97 00 2	006 63	0 0 9 0 0	- - - 06	000 79	8 22 02	96 03 2	925 86	8 0 8 2 0	0 0 × 83	—	—	0	—	1.4	—
	Panjgur *	000 92	2 27 02	97 03 0	904 01	0 0 9 0 1	9 × - 01	000 59	0 27 02	97 00 0	921 75	0 0 9 0 0	- - - 70	- 3	- 6	0	—	3.2	4
	Las Bela	000 73	0 16 06	99 00 0	994 96	0 0 9 0 6	- - - 05	000 76	0 00 00	99 00 0	022 86	0 0 9 0 0	- - - 80	—	—	0		0.1	2
	Ormara	000 79	0 25 18	96 07 0	007 80	0 0 9 0 0	- - - 91	000 81	2 25 05	96 01 0	021 85	2 5 6 0 0	- - - 81	—	—	0	0	2.7	6
	Pasni	000 73	0 23 07	96 00 0	019 88	0 0 9 0 0	- - - 91	000 73	5 20 03	96 02 1	021 85	5 0 7 2 0	- - × 80	- 1	+ 2	0	- 0.4	4.2	5
	Jiwani																		4
SIND	Keti	000 65	0 23 05	96 00 0	974 11	0 0 9 0 0	- - - 12	000 78	0 18 09	96 00 0	006 85	0 0 9 0 0	- - - 80	—	—	0	—	0.6	—
	Jacobabad	000 62	0 18 05	97 00 0	969 09	0 0 9 0 0	- - - 10	000 71	0 16 05	96 00 0	994 84	0 0 9 0 0	- - - 81	0	- 4	0	0.4	0.5	4
	Sukkur	000 63	0 25 02	96 00 0	961 09	0 0 9 0 0	- - - 10	000 74	0 20 05	96 00 0	990 81	0 0 9 0 0	- - - 80	—	—	0	—	0.5	4
	Pad Idan	000 61	0 18 09	98 00 0	989 09	0 0 9 0 0	- - - 10	000 75	0 16 09	98 00 0	990 85	0 0 9 0 0	- - - 79	—	—	0	—	0.1	—
	Karachi (*Manora*)	000 77	4 25 12	96 02 1	011 87	4 6 4 0 0	- - - 90	000 75	4 25 09	96 02 1	023 84	4 6 4 0 0	- - - 82	- 1	- 1	0	- 1.0	0	8
	Karachi (*A. P.*)	000 81	4 23 16	96 03 5	016 88	4 1 6 0 0	- - 91	000 77	3 27 05	96 02 1	025 84	3 6 4 0 0	- - - 81	—	—	0		0.1	
	Badin	000 69	0 23 10	97 00 0	003 99	0 0 9 0 0	- - - 01	000 72	0 23 08	97 00 0	024 84	0 0 9 0 0	- - - 79	+ 5	- 3	0	2.0	0	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 78	0 20 09	97 00 0	995 03	0 0 9 0 0	- - - 05	000 76	0 22 12	97 00 0	025 86	0 0 9 0 0	- - - 78	—	—	0	—	0	—
	Hyderabad	000 73	0 23 07	97 00 0	994 98	0 0 9 0 0	- - - 03	000 68	0 23 08	97 00 0	011 85	0 0 9 0 0	- - - 80	+ 3	- 2	0	- 0.3	0.2	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 57	2 09 02	99 01 0	981 02	0 0 9 7 0	9 · 9 04	000 59	0 00 00	97 00 1	987 80	0 0 9 0 0	- - - 73	—	—	0.5	—	6.9	12
	Jalalabad																		—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY THE 8TH JULY, 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	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_R D_M T_x T_n$	RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_R D_M T_x T_n$	T_x	T_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
Iran	Gharba:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 83	2 05 02	98 01 1	995 88	0 0 9 0 1	- x - 91	000 84	0 31 02	98 02 1	999 86	0 0 9 0 0	- - - 86	- 5	- 2	0	- 0.1	0.9	4
	Sharjah																		4
	Kuwait	000 78	0 29 09	97 00 0	019 98	0 0 9 0 0	- - - 98	000 88	0 25 09	97 00 0	005 91	0 0 9 0 0	- - - 89	—	—	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 (6,500-6,712 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10, 045 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 Control, 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 $L_a L_a$	$L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ spp	8 $N_s C h_s h_s$	O $T_s T_s T_d T_d$	1 $d_w d_w P_w H_w$	SHIP	YQ $L_a L_a$	$L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ spp	8 $N_s C h_s h_s$	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	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Jaladuta	73 178	718 06	6 28 03	97 01 8	078 86	62 × 00	3 8 806		0 02 76	1 25 ××											
Rizwani	75 241	669 06	0 26 18	98 02 2	007 86	00 9 00															
Yenang Yaung	73 190	744 06	8 00 00	96 18 2	104 89	89 5 00	7 4 800		0 58 77	1 09 ×·											
Jaladuta	73 171	719 12	6 27 04	97 02 2	058 83	64 × 00	3 8 604		0 02 71	1 27 ×4											
Pasteur	73 081	712 18	0 29 13	98 00 2	065 81	09 9 00	6 4 710		0 52 ×·	1 27 35											

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiGG	$P_0P_0P_0T_0T_0$	$T_dT_dO_dT_{xo}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_d{}_1T_d{}_1T_{x1}$ etc.	5555	$h_1h_1P_1P_1P_1$	$T_1T_1T_d{}_1T_d{}_1T_{x1}$ etc.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	29
Karachi ...	780 15	999 29	244 60	854 76	240 81	700 24	135 28	500 31	529 94	302 02	770 91	555 56	319 00	241 37	488 65	221 25	533 82	260 44	655 00	220 15	456 00	089 77	604 00	629 91	333 50

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 †										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
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 15	17 15	18 18	—	—	—	—	—	—		16 10	18 13	—	—	—	—	18 13	18 15	—	—	—	—	—	—
Dhor	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	24 36	25 39	21 30	19 27	21 27	22 31	—	—
Chittagong	21 17	22 19	22 19	21 12	22 11	21 07	—	—	—		16 23	17 30	15 31	10 24	—	—	16 16	17 16	15 15	—	—	—	—	—
Cox's Bazar	16 11	17 18	21 20	—	—	—	—	—	—		17 11	18 14	20 16	21 14	21 12	—	18 13	17 18	20 16	—	—	—	—	—
Dacca	19 15	20 18	20 16	21 16	22 11	—	—	—	—		16 17	18 17	18 14	19 14	—	—	19 15	19 16	—	—	—	—	—	—
Dalbandin	—	—	25 19	25 12	25 15	25 21	—	—	—		—	—	20 03	25 10	26 11	25 01	—	—	26 04	25 10	25 18	22 04	20 28	20 1
Dhubri	—	—	—	—	24 07	20 09	—	—	—		—	—	—	19 01	24 02	27 01	—	—	—	—	06 08	06 17	01 01	03 1
Drosh	—	—	—	28 11	22 06	17 06	30 10	20 21	29 22	30 45	—	—	—	04 18	04 12	27 03	—	—	—	06 09	06 10	25 04	20 20	—
Port Sandeman	—	—	—	21 06	23 08	23 04	20 07	03 08	38 10	—	19 21	20 18	21 12	21 10	23 07	—	20 17	19 17	20 18	21 10	22 08	22 00	07 1
Jacobabad	18 04	18 04	19 06	23 03	24 02	27 04	—	—	—	—	32 10	25 04	26 04	26 08	26 06	—	17 14	16 17	17 07	21 06	23 07	23 07	21 23	21 1
Jhelum	17 03	27 05	27 02	23 03	—	—	—	—	—	—	—	—	—	—	—	25 06	06 04	11 07	11 06	21 06	29 07	23 07	22 23	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 17	27 14	27 14	11 04	24 02	—	—	—	—	—	26 20	26 20	25 19	—	—	—	25 16	25 19	26 17	27 10	—	—	—	—
Khanpur	23 18	22 16	21 18	21 15	21 11	25 16	25 04	20 11	—	—	20 17	20 22	21 23	22 18	27 03	26 07	23 24	23 25	23 25	25 24	22 15	—	—	—
Lahore	16 07	25 08	25 19	23 02	21 05	21 12	30 14	21 20	31 20	31 39	25 06	24 06	24 07	25 07	27 05	28 10	17 06	25 07	25 07	25 07	27 15	30 08	28 11	30 24
Multan	22 23	22 11	23 15	25 17	—	—	—	—	—	—	29 41	23 23	23 23	23 23	—	—	23 19	23 19	25 13	23 07	22 05	22 13	21 08	—
Peshawar	—	05 06	06 05	18 11	22 07	28 07	29 15	—	—	—	—	15 23	15 07	18 04	12 02	26 06	24 07	24 07	24 07	24 07	21 15	23 23	27 05	31 1
Quetta	—	—	—	—	26 04	25 04	29 10	30 17	—	—	—	—	—	—	25 07	24 11	—	—	—	—	17 06	25 08	23 20	24 1
Veraval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shanial	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

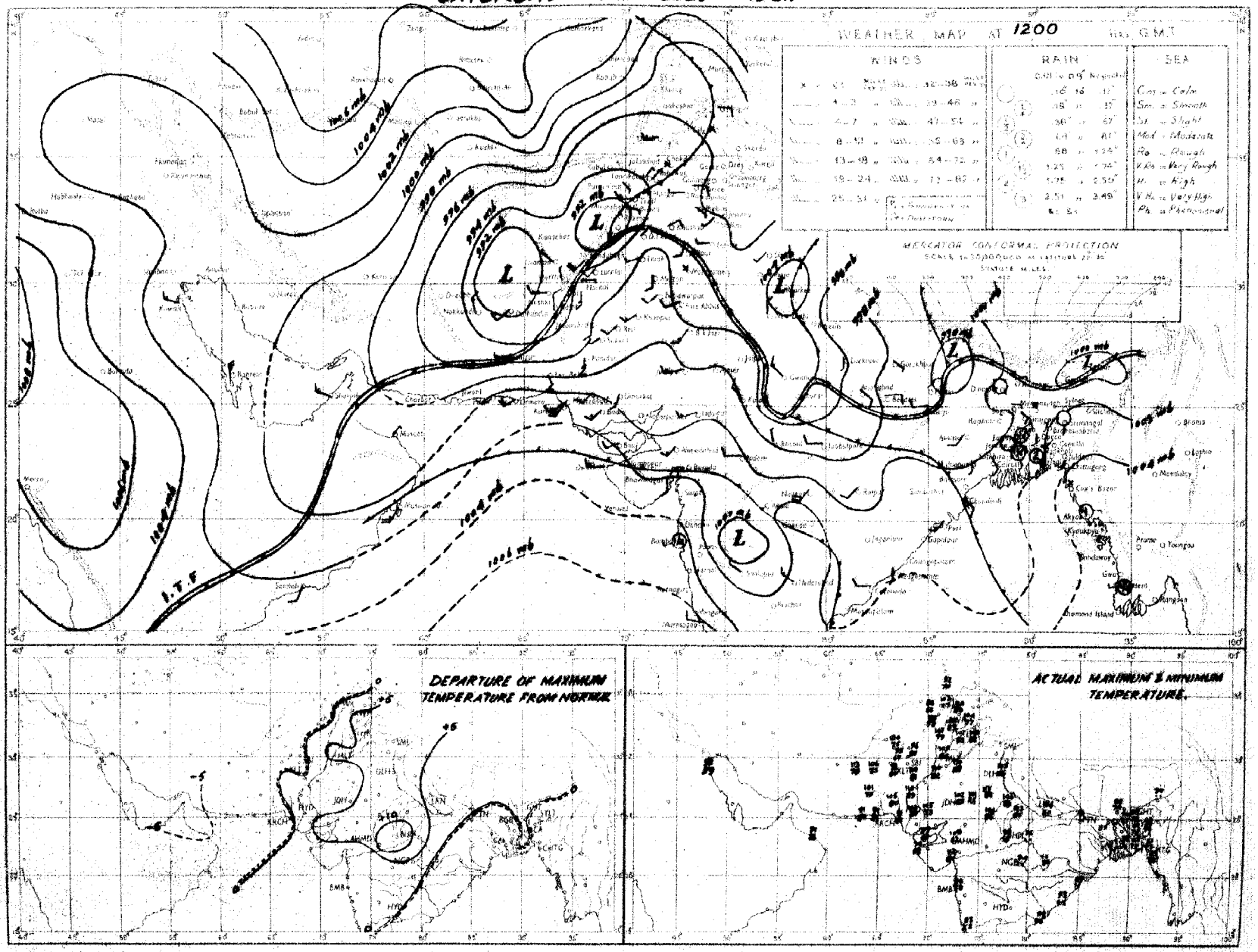
Cloud Observation Data (iiGG Cddv, v_r)

* 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, 0.5, 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.

S. P. W.

PAKISTAN DAILY WEATHER MAP

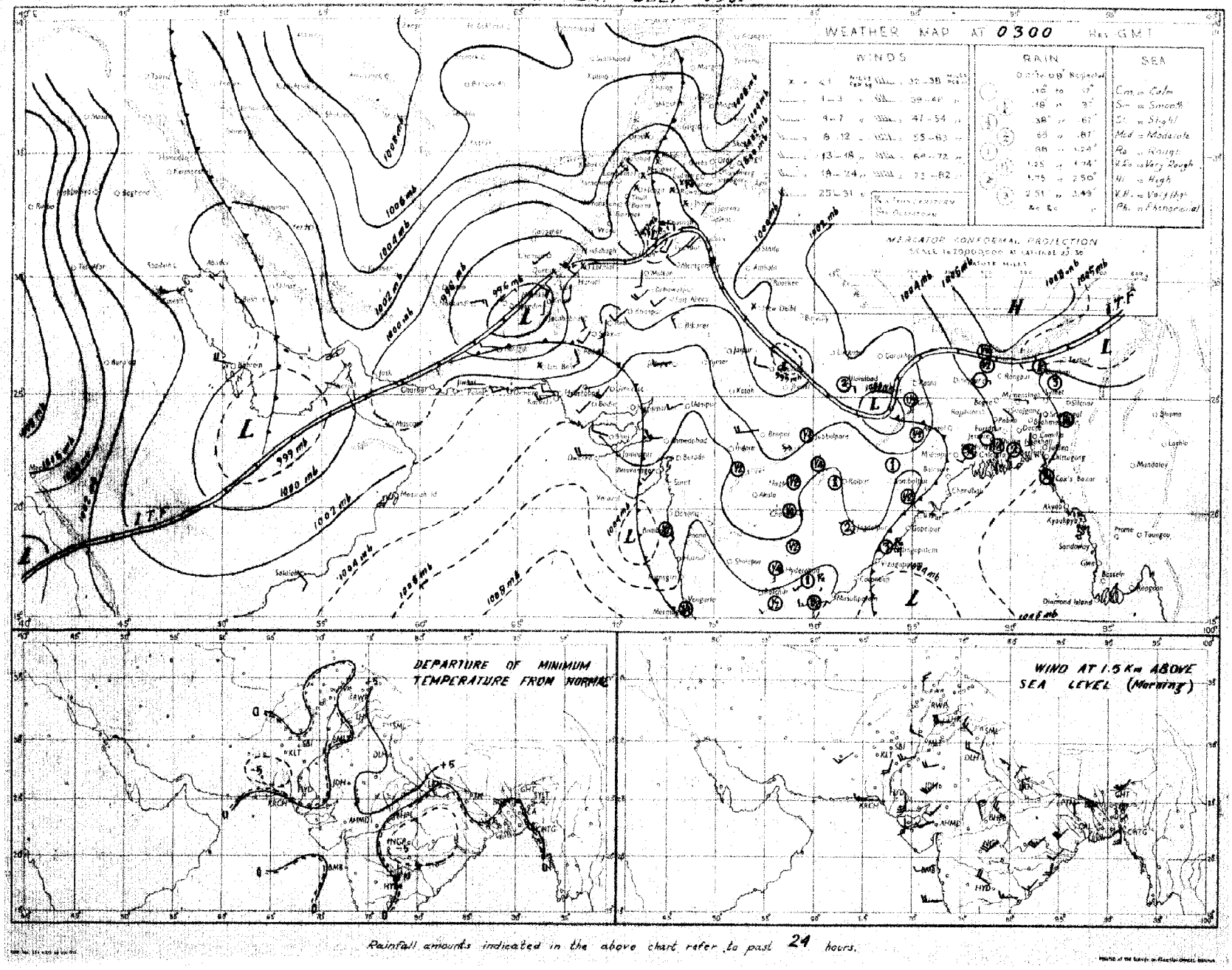
SATURDAY 7th. JULY 1951.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 8th JULY 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-1467

FOR MONDAY, THE 9TH JULY, 1951

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

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

Seasonal low extends from the north Punjab to south Iran.
The low over Bihar has merged into the seasonal trough, which lies accentuated over Central India.
The trough of low off Konkan-Kathiawar coast persists there.
The trough in west Central Bay of Bengal is becoming unimportant.
Fairly widespread rain has occurred in East Pakistan.

Chief amounts of rainfall are :—Cox's Bazar and Faridpur 1½" each ; Khulna 1" ; Mymensing and Barisal ½" each ; and Narayanganj ¼".

Day temperatures were appreciably to markedly above normal in the Punjab and generally appreciably below normal in the Deltaic sub-dvision of East Pakistan.

Forecast valid until the evening of 10th :—Local rain will occur in East Pakistan and scattered thunderstorms/showers in the north Punjab, Kashmir and the upper North-West Frontier Province.

Karachi-11.
The 9th July, 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	115 77	5 00 00	96 02 6	053 81	3 8 6 4 0	6 - × 89	132 77	6 18 08	96 62 6	082 83	5 2 7 2 0	9 - × 76	+	1	35.3	- 8.1	45.2	148
	Chittagong	000 75	6 16 05	97 02 1	040 82	6 1 5 0 0	- - - 85	000 76	5 13 13	97 02 1	072 84	8 8 6 7 9	- × × 77	- 1	0	31.7	+ 3.9	51.5	103
	Comilla	000 74	8 18 18	98 03 1	036 85	6 4 7 0 0	- - - 87	000 79	8 18 65	98 03 1	072 82	8 4 7 - -	- - - 78		+ 1	30.8	+ 7.9	36.5	115
	Brahmanbaria	000 78	4 18 02	97 02 1	033 84	4 4 5 0 0	- - 88	010 79	6 18 02	97 03 1	064 83	6 4 5 4 0	- - × 78	—	—	11.9	5.5	17.9	94
	Dacca	××× 79	7 20 02	97 02 6	028 83	6 8 5 2 0	7 × 85	××× 79	7 28 05	97 02 2	055 84	7 8 4 0 0	- - - 78	—	-	—	—	—	78
	Narayanganj	024 78	8 16 08	95 08 6	026 84	1 7 4 0 9	9 × 86	024 77	7 30 08	95 05 6	052 86	7 5 5 - -	9 - - 78	- 3	- 1	31.4	+ 15.3	50.4	74
	Mymensingh	040 79	5 13 02	99 01 6	031 85	3 1 8 0 1	× - 87	040 78	8 13 02	99 02 2	060 83	8 8 6 - -	- - - 79	0	+ 1	25.7	+ 8.0	38.9	91
	Srimangal	017 77	7 18 08	97 02 6	034 83	4 2 7 0 1	6 5 87	017 78	8 18 02	95 60 6	069 79	8 5 7 - -	- - - 76	- 3	0	22.7	- 0.5	20.9	90
	Khulna	027 79	8 18 02	97 03 0	027 82	8 7 6 - -	- - - 89	115 79	2 20 02	98 02 1	061 87	2 1 7 0 0	- - - 78	+ 1	0	13.5	- 3.3	21.4	68
	Satkhira	000 80	7 13 02	97 02 1	034 86	5 9 7 6 0	6 0 × 55	000 77	4 13 02	97 02 1	073 86	3 4 7 6 0	9 0 × 79	- 1	+ 1	9.0	- 7.3	16.7	65
	Jessore	000 77	5 15 05	96 02 5	024 87	1 8 6 0 4	8 × - 92	000 81	6 13 03	97 02 2	056 85	6 2 6 0 0	- - - 78	—		11.1	- 4.8	18.8	66
	Faridpur	170 79	7 07 02	96 03 6	023 ××	5 2 6 1 0	4 - × 82	170 76	7 07 02	97 03 1	062 84	4 5 6 1 0	9 × 76	- 6	- 2	20.0	+ 3.5	27.4	71
	Barisal	041 79	7 13 02	97 02 6	033 80	2 2 6 2 6	6 × × 84	041 78	8 13 03	97 03 1	062 86	6 4 6 2 0	- - × 79	- 4	6	19.1	- 0.9	28.1	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	010 83	8 13 05	98 02 2	010 85	6 4 6 - -	2 - - 88	010 82	8 00 00	98 02 2	050 83	3 2 7 - -	9 - - 80	+ 1	+ 2	22.9	+ 3.4	36.7	64
	Bogra	008 76	5 18 02	96 03 6	022 87	3 1 6 7 0	- × 90	008 79	7 21 02	96 01 8	048 83	7 6 4 0 0	- - - 79	+ 1	+ 1	28.5	+ 5.9	30.7	69
	Dinajpur	000 79	4 00 00	97 01 1	002 87	0 0 9 1 0	7 - 2 89	000 80	5 09 02	97 02 2	056 86	0 0 9 4 0	5 - 2 80	0	+ 2	20.7	+ 1.2	25.1	72
	Rangpur	000 ××	4 11 02	98 02 1	—	4 1 8 0 0	- - - ××	000 ××	4 09 05	98 02 1	—	4 1 8 0 0	- - - ××	—	—	21.0	—	26.0	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (s)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 61	0 11 02	97 00 0	954 06	0 0 9 0 0	- - - 07	000 67	0 05 02	96 00 0	983 90	0 0 9 0 0	- - - 83	+ 4	0	1.0	- 1.0	5.2	12
	Lahore	000 60	0 00 00	97 00 0	961 08	0 0 9 0 0	- - - 09	000 71	0 12 07	96 00 0	008 89	0 0 9 0 0	- - - 82	+ 8	+ 2	1.7	- 1.2	5.7	19
	Sialkot	000 59	1 31 02	97 02 1	965 08	1 0 9 4 0	- - - 05	000 69	1 09 08	97 02 1	007 90	0 0 9 0 1	- × - 85	+ 9	+ 4	2.0	+ 2.8	7.3	32
	Jhelum	000 87	0 00 00	96 00 0	965 03	0 0 9 0 0	- - - 07	000 59	0 11 07	95 05 0	985 91	0 0 9 0 0	- - - 80	—	—	2.9	—	13.1	—
	Rawalpindi	000 61	2 00 00	99 01 1	941 04	0 0 9 1 0	- - - 06	000 63	0 00 00	99 00 0	940 94	0 0 9 0 0	- - - 78	+ 7	+ 1	2.6	- 1.4	15.5	36
	Murree †	000 51	5 29 02	97 02 1	920 79	5 9 8 0 0	4 × × 81	000 49	0 23 02	97 00 1	959 74	0 0 9 0 0	- - - 65	+ 6	+ 6	5.9	- 1.2	28.5	40
	Attock	××× ××	0 11 05	98 00 0	—	0 0 9 0 0	- - - ××	××× ××	0 09 05	98 00 0	—	0 0 9 0 0	- - - ××	—	—	—	—	—	—
	Khushab	000 69	0 13 05	98 00 0	967 06	0 0 9 0 0	- - - 07	000 72	0 07 02	97 00 0	992 91	0 0 9 0 0	- - - 84	+ 3	+ 1	0.7	- 1.6	5 5	16
	Montgomery	000 62	0 00 00	96 00 2	958 07	0 0 9 0 0	- - - 07	000 67	0 00 00	97 00 0	994 88	0 0 9 0 0	- - - 81	+ 3	- 3	1.4	- 0.5	5.0	16
	Leiah	000 95	0 27 02	97 00 0	960 11	0 0 9 0 0	- - - 13	000 61	0 00 00	97 00 0	995 94	0 0 9 0 0	- - - 84	—	—	0	—	5.7	6
	Multan	000 61	0 18 02	97 00 0	957 09	0 0 9 0 0	- - - 10	000 64	0 18 05	97 00 0	991 91	0 0 9 0 0	- - - 86	+ 7	+ 1	0.8	0.8	3.3	7
	Khanpur	000 81	0 28 09	94 04 0	960 10	0 0 9 0 0	- - - 11	000 74	0 23 07	95 05 0	022 86	0 0 9 0 0	- - - 82	+ 4	- 1	0.5	0.5	2.2	6
	Bahawalpur	000 58	0 23 02	97 00 0	963 07	0 0 9 0 0	- - - 10	000 65	0 23 12	97 00 0	992 88	0 0 9 0 0	- - - 84	+ 5	0	0	0.9	3.1	5
	Fort Abbas	000 69	0 23 03	96 00 0	958 09	0 0 9 0 0	0 × × 11	000 62	0 28 09	96 00 0	994 92	0 0 9 0 0	- - - 88	—	—	0.2	—	1.1	8
N. W. F. P.	Drosh *	000 21	1 25 07	99 01 1	274 95	1 1 8 0 0	3 × × 98	000 41	0 00 00	95 00 1	939 78	0 0 9 0 0	- - - 78	0	+ 1	0.3	—	20.5	18
	Chakdara	000 53	0 00 00	99 00 0	944 01	0 0 9 0 0	- - 02	000 50	0 00 00	98 00 0	000 83	0 0 9 0 0	- - - 72	—	—	0.4	—	12.7	—
	Cherat *	000 55	0 08 07	97 00 0	910 95	0 0 9 0 0	- - - 97	000 51	0 28 02	97 00 0	929 85	0 0 9 0 0	- - - 73	+ 7	+ 1	0.7	- 1.0	22.6	29
	Peshawar	000 53	1 05 02	96 01 1	063 06	1 1 7 0 0	- - - 06	000 59	0 00 00	97 00 0	939 96	0 0 9 0 0	- - - 78	+ 3	2	0.4	- 0.2	7.7	14
	Parachinar	000 45	2 13 02	99 01 1	938 86	0 0 9 3 0	6 × 1 88	000 48	0 00 00	94 00 1	941 80	0 0 9 0 0	- - - 66	0	0	2.7	—	20.6	20
	Miranshah	000 56	0 11 03	98 00 0	022 95	0 0 9 0 0	- - - 96	000 36	0 00 00	99 00 0	916 91	0 0 9 0 0	- - - 86	—	—	0.7	- 0.5	7.8	10
	Bannu	000 57	0 00 00	97 05 4	946 04	0 0 9 0 0	- - - 05	060 72	0 00 00	97 05 0	983 91	0 0 9 0 0	- - - 82	—	—	0.6	—	5.5	11
	D. I. Khan	000 63	0 02 02	96 00 0	956 08	0 0 9 0 0	- - - 08	000 71	0 00 00	96 00 0	978 92	0 0 9 0 0	- - - 77	+ 4	6	0.3	0.9	3 0	8
	Wana																		11
	Landikotal	000 73	0 13 03	98 09 0	886 96	0 0 9 0 0	- - - 00	000 68	0 00 00	99 00 0	909 91	0 0 9 0 0	- - - 73	—	—	0.2	—	9.8	—
	Hangu	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - ××	—	—	—	—	—	—
	Thull	××× ××	1 36 09	98 01 1	—	1 8 7 0 0	- - - —	××× ××	0 23 09	99 00 0	—	0 0 9 0 0	- - - ××	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 30	4 31 07	96 03 1	887 95	4 5 6 0 0	- - - 01	000 46	0 00 00	97 00 0	904 80	0 0 9 0 0	- - - 75	0	0	0	- 1.3	5.9	11
	Hindubagh	000 48	3 27 05	98 03 1	913 92	3 2 6 0 0	7 × × 97	000 56	1 07 05	97 00 1	947 84	0 0 9 0 6	3 × - 63	—	—	0	—	3.3	—
	Loralai	000 57	3 23 03	97 01 1	881 95	0 0 9 4 0	- - - 96	000 62	0 00 00	98 00 0	919 83	0 0 9 0 0	- - - 71	—	—	0.1		6.5	—
	Harnai (s)	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	- 1.2	3.6	14
	Sibi	000 64	0 13 09	93 00 0	052 10	0 0 9 0 0	- - - 11	000 67	0 18 05	93 01 1	010 92	0 0 9 0 0	- - - 87	—	—	0	—	1.5	5
	Quetta †	000 47	0 34 02	95 05 0	922 93	0 0 9 0 0	- - - 95	000 60	0 00 00	97 06 0	941 76	0 0 9 0 0	- - - 67	—	—	0	- 0.2	3.5	9
	Chaman	000 46	0 21 02	97 00 0	835 99	0 0 9 0 0	- - - 02	000 52	0 18 03	97 00 0	922 88	0 0 9 0 0	- - - 77	0	+ 1	0	0	3.5	8
	Nushki	000 53	0 31 09	97 00 0	938 07	0 0 9 0 0	- - - 08	000 60	0 09 09	97 00 0	967 91	0 0 9 0 0	- - - 86	—	—	0	—	5.4	—
	Dalbandin *	000 55	3 20 02	94 05 1	859 06	3 1 7 0 0	- - - 07	000 55	4 29 02	94 05 1	921 92	4 1 7 0 0	- - - 85	- 2	+ 10	0	0	1.8	4
	Nokkundi	000 41	0 09 09	99 03 0	906 10	0 0 9 0 0	0 0 × 14	000 69	0 09 09	98 00 0	984 89	0 0 9 0 0	- - - 81	—	—	0	—	0.9	2
	Kalat †	000 64	0 36 05	98 00 0	934 88	0 0 9 0 0	- - - 92	000 59	0 16 02	98 00 6	960 74	0 0 9 0 0	- - - 68	+ 1	+ 1	0	- 0.8	9.0	7
	Turbat	000 89	0 23 09	97 00 2	006 03	0 0 9 0 0	- - - 95	000 78	8 00 00	96 03 2	937 85	8 0 8 2 -	- - × 82	—	—	0	—	1.4	—
	Panjgur *	000 36	2 31 02	97 03 6	809 01	0 0 9 2 0	9 × 6 03	000 63	0 31 02	97 00 1	933 79	0 0 9 0 0	- - - 71	+ 1	- 5	0	—	3.2	5
	Las Bela	000 74	0 16 00	94 00 0	999 98	0 0 9 0 0	- - - 06	000 78	0 00 00	99 00 0	017 85	0 0 9 0 0	- - - 85	—	—	0	—	0.1	8
	Ormara	000 77	0 25 13	97 00 0	007 89	0 0 9 0 0	- - - 89	000 81	4 25 09	97 03 0	027 84	4 5 6 0 0	- - - 81	—	—	0	8	2.7	8
	Pasni	000 73	4 20 07	96 01 1	016 88	4 0 9 8 0	9 - 6 91	000 75	5 11 03	96 03 1	035 84	5 5 6 0 0	9 - - 77	- 1	- 1	0	- 0.4	4.2	8
	Jiwani																		4
SIND	Reh	000 68	0 13 09	96 00 0	974 12	0 0 9 0 0	- - - 13	000 73	0 23 13	96 00 0	023 89	0 0 9 0 0	- - - 81	—	—	0	—	0.4	—
	Jacobabad	000 58	0 13 07	97 00 0	970 10	0 0 9 0 0	- - - 10	000 71	0 13 07	96 00 0	007 85	0 0 9 0 0	- - - 81	0	- 4	0	0.5	0.5	4
	Sukkur	000 67	0 20 03	96 00 0	963 08	0 0 9 0 0	- - - 09	000 72	0 20 03	96 00 0	008 81	0 0 9 0 0	- - - 79	—	—	0	—	0.5	4
	Pad Idan	000 71	0 18 09	98 00 0	978 07	0 0 9 0 0	- - - 08	000 72	2 13 05	98 01 0	007 82	0 0 9 0 1	- × - 74	—	—	0	—	0.1	—
	Karachi (Manora)	000 77	6 25 09	97 02 2	011 88	6 6 4 0 0	- - - 90	000 75	5 25 09	96 08 2	026 84	2 6 4 1 0	- - × 82	- 1	0	0	- 1 1	0	8
	Karachi (A. P.)	000 82	3 23 12	97 03 1	014 89	3 8 5 0 0	- - - 93	000 78	4 25 08	96 03 1	135 84	1 1 6 0 1	- × - 80	—	—	0	—	0 1	—
	Badin	000 71	0 21 07	97 00 0	003 09	0 0 9 0 0	- - - 00	000 74	0 27 05	97 03 1	023 85	0 0 9 0 2	1 6 79	+ 4	- 3	0	- 2.1	0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 74	0 20 12	97 00 0	006 03	0 0 9 0 0	- - - 06	000 77	0 20 12	97 00 0	027 86	0 0 9 0 0	- - - 70	—	—	0	—	0	—
	Hyderabad	000 68	0 23 07	97 00 0	010 98	0 0 9 0 0	- - - 02	000 76	4 23 05	96 01 1	025 84	0 0 9 0 2	- × - 79	+ 2	- 3	0	- 0.9	0.2	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul	000 33	6 02 02	98 02 1	977 52	1 8 8 3 0	- - × 90	000 48	0 16 02	98 00 0	998 72	0 0 9 0 0	- - - 58	—	—	0	—	9.9	12
	Jalalabad	000 81	0 00 00	97 00 0	981 03	0 0 9 0 0	- - - 06							—					
	Kandahar	000 62	1 00 00	98 01 1	851 01	0 0 9 0 0	- × - 04	000 48	1 05 05	97 01 1	891 88	0 0 9 0 0	- - - 61	—	—	0	—	10.6	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY THE 9TH JULY, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1D_MD_HT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_Lh O_M O_H$	$W_1D_MD_HT_nT_n$	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	Charbar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Jask	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Meshed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
Arabia	Muscat	000 83	2 11 02	93 02 1	988 87	2 0 9 2 0	0 × 3 91	000 84	0 26 02	93 00 0	012 86	0 0 9 0 0	- - - 87	- 4	- 2	0	- 0.1	2.9	4
	Sharjah	000 75	0 31 00	97 00 0	004 98	0 0 0 0 0	- - - 99	000 69	0 27 00	97 00 0	014 91	0 0 0 0 0	- - - xx	-	-	0	-	1.5	5
	Kuwait																		

* 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 Control, 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_aL_a	L_oL_o GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	$D_s v_s$ app	8 N_s C h_sh_s	O T_sT_s T_dT_d	$1d_wd_wP_wH_w$	SHIP	YQ L_aL_a	L_oL_o GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	$D_s v_s$ app	8 N_s C h_sh_s	O T_sT_s T_dT_d	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Yenang Yaung	13 171	730 06	7 29 12	98 14 2	067 84	47 6 44	5 4 902	...	0 00 78	1 29 22											
Jaladuta	13 148	731 06	7 25 04	97 50 2	074 82	73 9 00	3 3 110	8 9 000	0 00 74	1 25 ×3											
Dara	13 249	641 06	0 24 04	98 00 0	039 83	00 9 00	8 5 300		0 00 78	1 24 ××											
Jaladuta	13 189	736 12	7 25 04	97 02 2	035 83	79 × 00	3 3 502		0 02 74	1 22 ×3											
Dara	13 249	730 12	6 24 04	98 03 1	032 83	67 2 00	5 5 320		0 00 78	1 24 ××											
Sagr Bet	16 203	665 00	4 ×× ××	95 01 1	095 80	54 × 00	7 8 ×××		0 88 78	-											

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P2h1h2h3	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	29
Karachi ...	789 14	999 19	263 60	555 55	319 00	252 30	418 68	22 155																	

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	18	19	20	21	22	23	24	25
Bogra	15 08	17 10	17 12								17 13	19 11	20 09	17 02	—	—	22 06	—	—	—	—	—	—	—
Dhno	21 15	21 15	21 19	21 17	15 12	13 12	12 29	22 05	25 19	23 11	—	—	—	—	—	—	22 22	24 21	21 20	19 27	16 16	22 24	—	—
Chittagong	21 07	20 12									16 15	17 16	19 18	—	—	—	20 11	20 15	21 18	—	—	—	—	—
Cox's Bazar	21 11	22 09	21 25	21 18	21 15	—	—	—	—	—	—	21 19	21 09	22 10	25 16	25 14	19 14	20 13	21 13	25 13	—	—	—	—
Dacca	16 16	18 13	17 12								20 20	20 19	24 18				21 17	21 19	22 17	22 11	23 11	25 08	—	—
Dalbandin		—	19 04	16 05	23 07	27 00							24 04	24 25	25 05	27 04	—		24 01	23 13	24 08	03 04	06 10	—
Drosh		—		—	24 06	24 06	21 04	11 04	20 23	23 27			24 04	24 01	22 04	20 06	—	—	—		02 05	02 09	25 14	21 13
Fort Sandeman	—	—	—	23 04	30 03	21 06	20 04				—	—	—	19 06	09 04	18 18	—	—	07 01	02 07	14 17	20 09	03 10		
Hyderabad	19 18	19 13	20 11	20 09	22 07	11 04	05 00	20 06	20 09	21 23	20 16	20 11	19 06	20 07	21 06	27 04	14 09	21 10	17 05	20 06	22 07	24 03	04 14	25 13
Jhelum	15 01	18 09	12 03	03 02	01 04	24 16	22 16	24 16	21 24	20 28	11 06	18 13	07 05	20 09	20 07	22 16	11 04	—	—	—	—	—	—	—
Jiwani																	—	—	—	—	—	—	—	—
Karachi	22 15	23 16	26 18	25 11	24 07	06 08	08 23	10 15	09 09	06 07	25 19	25 19	26 19	22 06	14 10	09 09	26 17	26 17	26 17	25 06	11 06	04 13	—	—
Khanpur	22 19	22 15	23 17	25 15	22 21	23 08	08 19	24 19	20 23	25 15	23 14	23 19	22 20	22 10	27 16	25 15	23 17	25 25	24 21	15 18	20 06	—	—	—
Lahore	14 05	14 04	13 04	18 09	15 02	27 06	29 14	22 19	21 21	25 16	13 05	25 02	21 01	20 05	29 09	25 11	13 19	18 19	19 04	13 02	25 05	03 08	25 15	—
Multan	23 08	25 06	27 07	27 08	27 07	29 10	30 06	30 06			22 24	23 24	23 20	23 20			24 20	26 15	26 11	20 15	21 05	25 04	25 13	24 11
Peshawar	—	07 04	06 04	25 04	29 07	26 12	30 13	30 15	25 13	27 09	25 23	26 03	00 02	22 03	25 12	27 06	—	06 04	25 04	24 07	24 27	22 02	21 19	21 17
Quetta	—	—	—	—	24 06	24 04	09 02	27 25	27 20	27 17	—	—	—	—	20 01	16 22	—	—	—	—	24 04	25 10	02 06	00 14
Veraval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

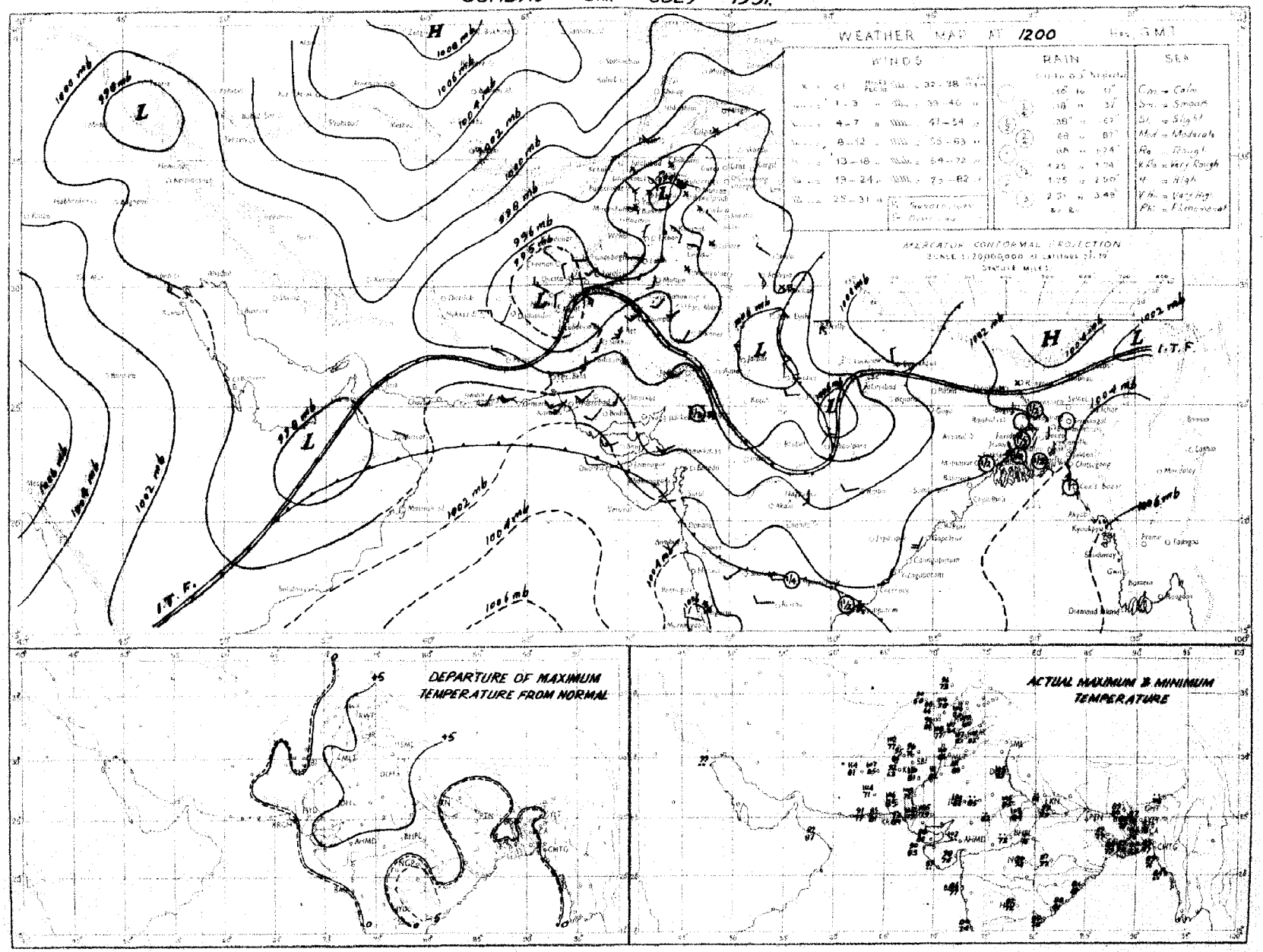
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km.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

S. P. 9.

Cloud Observation Data (iiiGG Cddv, v_v)

PAKISTAN DAILY WEATHER MAP

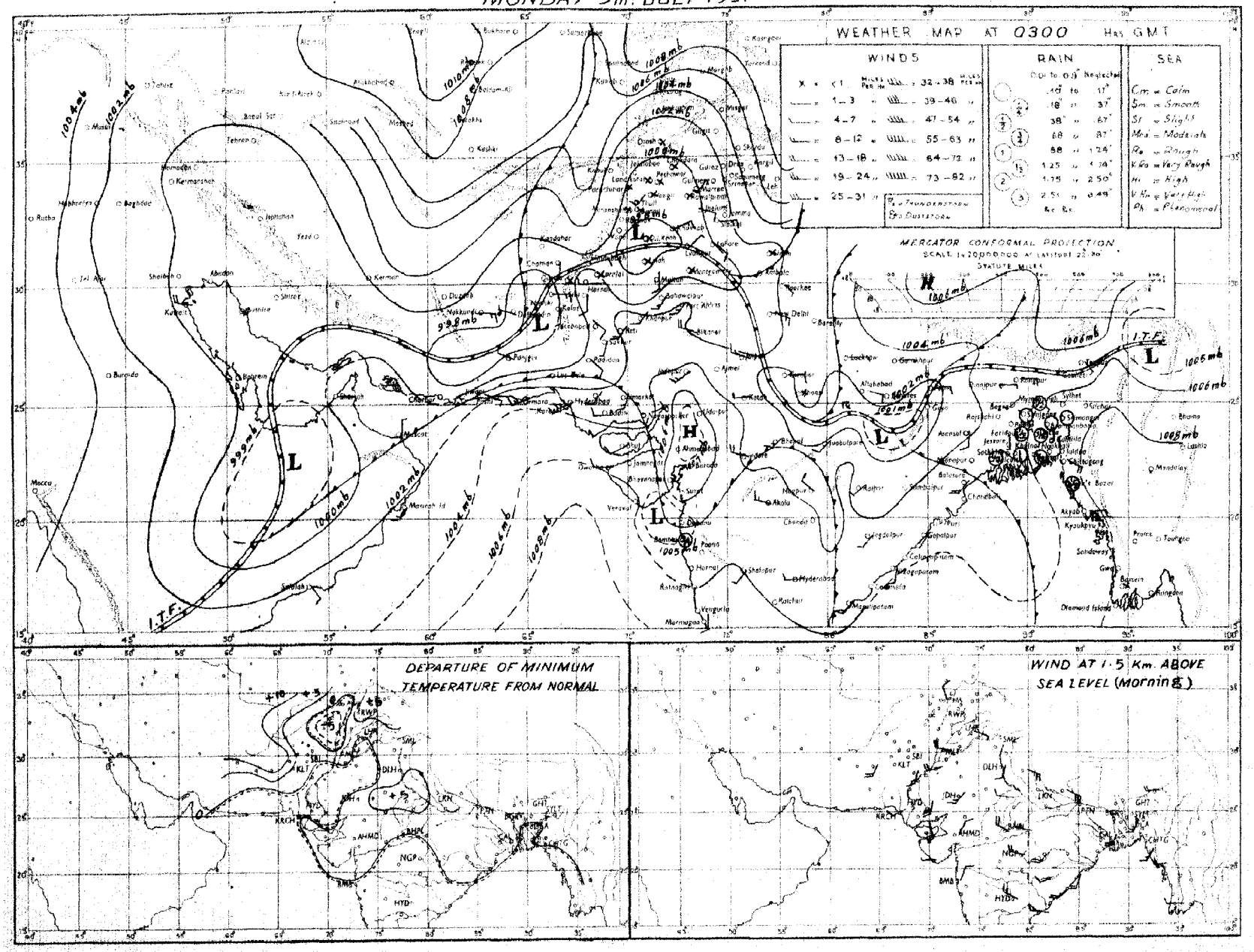
SUNDAY 8th. JULY 1951.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 9th: JULY 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-1467

FOR TUESDAY, THE 10TH JULY, 1951

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

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

Observations from the Punjab and the North-West Frontier Province are meagre.

Yesterday's trough of low lies off Konkan-Kanara coast.

Seasonal low extends from the Plains of Punjab to south Iran.

Local rain with isolated thunderstorms has occurred in East Pakistan and scattered thunderstorms in northeast Baluchistan.

Chief amounts of rainfall are :—Barisal 1″; Cox's bazar ½″ and Srimangal ½″.

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

Forecast valid until the evening of 11th :—Local thunderstorms/showers will occur in East Pakistan. Scattered dust/thunderstorms are also likely in north Baluchistan, the North-West Frontier Province and the plains of Punjab and a few thunderstorms in Kashmir and the adjoining Punjab.

Karachi-11.
The 10th July, 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: RRRTcTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDHDMTxTn	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 77	6 18 03	96 08	1047 85	2 2 7 2 1	1 × × 89	040 76	5 00 09	96 68	8117 83	3 6 6 2 0	9 - × 72	+ 3	5	38.1	- 4.5	46.7	140
	Chittagong	000 77	5 20 09	97 02	1038 84	5 8 5 0 0	- - - 87	004 79	6 16 02	97 21	0070 82	8 2 5 0 0	5 - - 78	+ 1	+ 1	35.4	+ 7.7	51.6	102
	Comilla	000 78	8 22 09	98 03	1023 84	8 5 7 0 0	- - - 84	000 79	8 23 13	98 03	1057 84	8 5 7 - -	- 81	- 3	+ 4	30.8	+ 7.5	36.5	115
	Brahmanbaria	000 79	4 23 02	97 02	1034 86	4 4 5 4 0	- - - × 89	000 78	6 23 02	97 09	1057 86	6 4 5 4 0	- - 4 81			21.0	+ 8.8	17.9	96
	Dacca	××× 80	7 23 02	97 21	2014 88	6 8 6 2 0	9 × × 89	××× 80	7 23 03	97 08	6 047 85	6 8 5 4 0	9 - × 78	—		—	—	—	76
	Narayanganj	000 79	6 18 02	96 58	2015 87	1 5 5 3 -	5 × 0 91	000 79	8 23 03	98 03	2045 87	8 5 5 - -	- - 80	- 3	+ 1	31.4	+14.8	50.4	74
	Mymensingh	000 80	6 20 02	99 01	1018 86	4 1 7 3 2	- - - 88	000 79	8 25 09	98 02	2050 84	8 8 6 - -	- - 81	+ 2	+ 2	25.7	+ 2.4	23.9	92
	Srimangal	033 78	7 27 03	96 02	9 023 84	5 8 6 0 1	5 5 × 88	033 77	7 18 03	97 02	1055 82	4 8 7 3 0	- - × 78	- 2	+ 2	23.0	- 0.6	20.8	96
	Khulna	000 79	8 20 02	97 00	0 026 86	8 4 7 0 0	- - - 95	000 81	6 16 02	96 08	1050 86	5 1 7 4 0	- - × 79	+ 7	+ 1	13.5	- 3.7	21.4	88
	Satkhira	000 77	6 18 03	97 03	1014 87	4 9 7 8 0	9 0 7 92	000 79	7 23 03	97 03	1053 86	4 9 7 6 0	9 - × 80	+ 3	+ 2	9.0	- 7.7	16.7	85
	Jessore	010 78	5 18 05	96 02	5021 91	4 5 6 0 2	5 0 × 93	000 81	5 18 05	96 02	2045 86	6 6 6 5 0	- - × 78	-		11.1	- 5.1	18.8	85
	Faridpur	000 80	7 08 03	97 03	1032 87	4 5 8 1 0	9 × × 87	000 78	7 08 05	97 03	1058 86	5 5 8 1 0	9 - × 80	- 1	+ 2	20.0	+ 8.0	27.4	72
	Barisal	082 79	5 23 03	97 21	6 024 83	2 4 6 2 8	7 × × 91	082 71	8 18 05	97 03	1054 86	7 4 6 0 9	9 × - 79	+ 2	0	19.9	- 0.4	28.9	81
PUNJAB	Pabna																		88
	Rampur Boalia																		86
	Sirajganj	000 81	8 13 03	98 04	2 019 81	8 4 6 - -	- - - 89	000 78	8 17 08	98 02	2040 84	7 2 7 6 6	- ×× 80	+ 3	+ 2	22.9	+ 6.5	36.7	86
	Bogra	000 82	8 00 00	98 03	6 005 88	8 6 6 - -	- - - 92	010 78	8 23 03	98 02	1036 82	5 5 6 2 0	- - × 81	+ 3	+ 3	28.5	+ 5.5	30.7	86
	Dinajpur	000 78	1 09 09	97 00	9 011 89	0 0 0 3 0	9 0 2 92	000 79	5 18 03	97 02	2 086 83	0 0 0 8 9	4 8 8 81	+ 3	+ 3	20.7	+ 0.6	25.1	72
	Rangpur	005 ××	1 09 02	98 02	5 — —	1 1 8 0 0	- - -	005 ××	8 00 02	96 02	1 — —	8 5 8 - -	- - ××			21.7	—	26.1	84
KASHMIR	Srinagar †																		
	Gulmarg †‖																		
	Sonamarg †‖																		
	Dras †																		
	Leh †‖																		
	Skardu †																		
	Gilgit *																		
	Misgar																		
	Allabad																		
PUNJAB	Lyallpur	000 87	0 34 02	97 00	0 957 08	0 0 0 0 0	- - - 99	000 85	0 16 02	96 00	0 935 90	0 0 0 0 0	- - - 86	+ 6	+ 3	1.0	- 1.2	5.2	12
	Lahore	000 71	0 00 00	97 00	9 988 05	0 0 0 0 0	- - - 07	000 73	0 13 02	96 00	0 987 93	0 0 0 0 0	- - 86	+ 6	+ 6	1.7	- 1.6	5.7	13
	Sialkot	000 89	3 00 00	97 06	1 968 04	× 0 8 4 1	- - - 04	000 74	1 13 02	97 02	1 002 94	1 0 8 6 0	- - × 87	+ 5	+ 6	2.0	- 2.1	5.3	22
	Jhelum	000 90	0 18 02	96 00	0 966 04	0 0 6 0 0	- - - 05	000 71	0 13 02	96 00	0 966 91	0 0 2 0 0	- - - 83			2.9	—	13.1	
	Rawalpindi	000 88	0 00 00	98 00	0 968 04	0 0 9 0 0	- - - 06	000 70	0 00 00	99 00	0 987 94	0 0 9 0 0	- - - 82	+ 7	+ 5	2.6	- 1.4	13.5	76
	Murree †	000 87	0 27 05	97 00	0 943 79	0 0 0 0 0	- - - 91	040 67	0 00 00	96 00	1 948 73	0 0 0 0 0	- - - 85	+ 6	+ 6	5.9	1.6	38.5	59
	Attock	××× ××	0 16 05	98 00	0 — —	0 0 9 0 0	- - - ×	××× ××	0 13 09	98 00	0 --- —	0 0 9 0 0	- - - ××						
	Khushab	000 75	0 90 05	96 00	0 974 05	0 0 9 0 0	- - - 06	000 75	0 11 05	97 00	0 978 92	0 0 8 0 0	- - - 85	+ 2	+ 2	0.7	1.7	5.5	15
N. W. F. P.	Montgomery	008 79	0 00 00	96 08	0 966 79	0 0 9 0 0	- - - 11	000 68	0 13 02	97 00	0 997 89	0 0 9 0 0	- - - 79	+ 7	- 5	1.4	- 0.6	5.0	10
	Lyallpur	000 99	0 18 02	97 00	0 950 14	0 0 9 0 0	- - - 16	000 87	0 16 03	97 00	0 972 95	0 0 9 0 0	- - - 85	—	—	0	—	5.7	3
	Multan	000 64	0 18 02	97 00	0 974 09	0 0 9 0 0	- - - 10	000 70	0 18 05	96 00	0 980 01	0 0 9 0 0	- - - 85	+ 7	9	0.3	- 0.9	3.8	7
	Khanpur	000 84	0 21 13	94 08	0 967 70	0 0 9 0 0	- - - 10	000 75	0 21 15	95 05	0 000 87	0 0 9 0 0	- - - 81	+ 3	2	0.5	- 0.5	2.2	6
	Bahawalpur	000 80	0 23 02	97 00	0 967 08	0 0 9 0 0	- - - 10	000 66	0 23 10	97 00	0 000 89	0 0 9 0 0	- - - 86	+ 5	+ 2	0	- 0.9	3.1	6
	Fort Abbas	000 81	0 25 06	96 00	0 960 10	0 × × 11	000 68	0 23 10	96 00	0 994 94	0 0 9 0 0	- - - 85			0.2	—	1.1	8
	Drosh *	000 28	2 25 10	99 03	1 979 96	2 3 6 0 0	3 × × 99	000 81	0 00 00	93 00	0 988 83	0 0 9 0 0	- - - 76	+ 3	+ 4	0.3	—	20.5	16
	Chakdara	000 62	0 13 07	99 00	0 947 01	0 0 9 0 0	- - - 03	000 60	0 00 00	98 00	0 989 85	0 0 9 0 0	- - - 73	—	—	0.4	—	12.7	
	Cherat *	000 57	0 23 05	97 00	0 931 98	0 0 9 0 0	- - - 98	000 68	0 27 05	97 00	0 917 88	0 0 9 0 0	- - - 76	+ 6	+ 4	0.7	- 1.2	22.8	20
	Peshawar	000 54	1 02 02	96 02	1 952 07	1 1 7 0 0	- - - 08	000 66	0 36 03	96 00	1 975 94	0 0 9 0 0	- - - 81	+ 5	+ 1	0.4	- 0.2	7.7	14
	Parachinar	000 36	3 15 02	99 01	1 939 92	0 0 9 3 0	5 × 1 92	060 57	0 00 00	99 00	1 945 80	0 0 9 0 0	- - - 69	+ 5	+ 3	2.7	—	20.5	89
	Miranshah	000 58	0 11 05	99 00	0 936 01	0 0 9 0 0	- - - 05	000 54	0 00 00	99 00	0 909 90	0 0 9 0 0	- - - 86			0.7	- 0.6	7.8	13
	Bannu	000 59	0 09 03	97 05	4 948 07	0 0 9 0 0	- - - 10	000 76	0 00 00	99 00	0 955 96	0 0 9 0 0	- - - 10	—	—	0.6	—	5.5	11
	D. I. Khan	000 63	0 00 00	96 00	0 969 10	0 0 9 0 0	- - - 10	000 72	0 09 02	96 00	0 966 90	0 0 9 0 0	- - - 78	+ 6	- 5	0.3	1.0	2.9	9
	Wana																		11
	Landikotal	000 77	0 03 03	98 00	0 890 99	0 0 9 0 0	- - - 11	000 71	0 00 00	97 00	0 000 91	0 0 9 0 0	- - - 81	—	—	0.2	—	9.8	
	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 36 09	99 00	0 -	0 0 9 0 0	- - - ××	—	—	—	—	—	
BALUCHISTAN	Fort Sandeman	000 59	4 09 00	97 03	9 882 97	4 5 6 0 0	- - - 01	000 46	0 00 00	97 00	0 891 55	0 0 9 0 0	- - - 75	0	0	0	- 1.3	5.9	11
	Hindubagh	000 55	6 23 13	97 03	1 926 92	6 5 6 0 0	7 × × 93	000 52	0 27 02	97 00	0 949 82	0 0 9 0 0	- - - 71	0		0	—	8.2	
	Loralai	000 65	6 00 00	96 12	1 887 59	6 5 6 0 0	- - - 98	000 61	0 00 00	97 00	5 915 80	0 0 9 0 0	- - - 67	0.1		0		8.6	
	Harnai (a)	000 ××	0 09 02	96 02	0 - —	0 0 9 2 5	- - - ××	000 ××	0 09 02	98 00	0	0 0 9 0 0	- - - ××			0	- 1.3	8.6	14
	Sibi	000 67	0 13 05	99 00	0 962 02	0 0 9 0 0	- - - 02	000 67	0 18 05	97 00	0 998 95	0 0 9 0 0	- - - 72	-	-	0		1.5	5
	Quetta †	000 57	0 34 05	98 01	1 932 94	0 0 9 3 0	- - - 95	000 61	0 05 02	97 05	0 949 78	0 0 9 0 0	- - - 62			0	0.1	8.5	9
	Chaman	000 49	0 27 03	97 00	0 940 02	0 0 9 0 0	- - - 03	000 61	0 20 05	97 00	0 910 88	0 0 8 0 0	- - - 80	+ 1	+ 4	0	0	8.5	8
	Nushki	000 63	4 27 02	97 03	1 932 07	3 9 6 11	- - - 11	000 62	0 09 07	97 00	0 980 97	0 0 9 0 0	- - - 84			0		9.5	
	Dalbandin *	000 42	1 19 07	96 05	1 900 09	1 1 7 0 0	- - - 10	000 51	0 13 02	94 05	4 929 88	0 0 9 0 0	- - - 78	+ 1	+ 3	0	0	4.4	4
	Nokkundi	000 53	6 16 02	99 08	1 922 18	0 0 9 3 6	4 0 0 14	000 76	0 05 02	96 05	0 989 82	0 0 9 0 0	- - - ××			0	—	9.8	3
	Kalat †	002 58	0 22 09	98 20	1 044 76	0 0 9 0 6	1 × × 91	002 57	0 18 02	97 00	6 962 70	0 0 9 0 0	- - - 59	0	- 3	0	- 0.4	9.0	7
	Turbat	000 56	5 27 03	97 03	2 035 03	3 0 9 6 1	9 × - 94	000 73	4 00 00	96 03	0 028 86	0 0 9 0 0	- - × 81			0	—	1.4	
	Panjgur *	000 52	× 95 10	97 00	2 919 96	8 9 9 2 0	1 0 8 08	000 66	0 18 02	97 00	0 940 80	0 0 9 0 0	- - - 72	0	- 5	0	—	2.2	
	Las Bela	000 71	0 16 06	99 00	0 003 00	0 0 8 0 0	- - - 04	000 74	0 00 00	99 00	0 005 83	0 0 9 0 0	- - - 77			0		0.1	
	Ormara	000 80	1 26 09	97 03	0 019 88	1 5 6 0 0	- - - 88	000 80	2 25 09	97 01	1 025 84	2 5 6 0 0	- - - 81			0	- 0.1	2.7	
	Pasni	000 72	0 25 07	97 00	0 072 87	0 0 9 0 0	- - - 90							- 2					
	Jiwani																		
SIND	Keti	000 52	0 22 13	91 06	0 983 09	0 0 9 0 0	+ - - 13	000 70	0 00 00	96 00	0 016 87	0 0 9 0 0	- - - 80	—	—	0	—	0.6	
	Jacobabad	000 50	0 18 07	97 00	0 972 20	0 0 9 0 0	- - - 11	000 66	0 13 05	96 00	0 001 86	0 0 9 0 0	- - - 88	+ 1	- 2	0	- 0.6	0.6	4
	Sukkur	000 69	0 20 10	95 07	1 976 05	0 0 9 0 0	- - - 08	000 72	0 20 08	96 00	1 001 82	0 0 9 0 0	- - - 80	—	—	0	—	0.6	4
	Padidan	000 86	0 13 09	98 00	1 934 07	0 0 9 0 0	- - - 08	000 71	0 13 09	98 00	0 005 86	0 0 9 0 0	- - - 79	—	—	0	—	0.1	
	Karachi (Mauripur)	000 75	6 25 09	97 03	2 020 87	0 0 9 1 0	- - - 90	000 75	4 27 09	96 02	1 046 89	4 6 4 0 0	- - - 82	1	0	0	- 1.3	0	8
	Karachi (A. P.)	000 78	6 24 14	96 03	1 021 89	0 0 9 0 6	- - - 92	000 79	2 27 19	96 03	1 049 85	2 5 4 0 0	- - - 81			0		0.1	
	Badin	000 86	0 23 09	97 00	1 015 93	0 0 9 0 0	- - - 00	000 73	0 23 05	97 00	0 043 86	0 0 9 0 0	- - - 80	+ 4	- 2	0	- 2.2	0	8
	Nagarparkar																		
	Chhor (Umarkot)	000 76	0 18 12	97 00	0 998 03	0 0 9 0 0	- - - 05	000 75	0 21 14	97 00	0 024 88	0 0 9 0 0	- - - 79	—	—	0	—	0	8
	Hyderabad	000 69	0 18 05	97 00	0 010 99	0 0 9 0 0	- - - 06	000 75	0 23 05	96 00	0 029 84	0 0 9 0 0	- - - 75	+ 6	- 7	0	- 1.0	0.3	7
JOHI-BADIN	Veraval																		26
AFGHANISTAN	Kabul							000 41	0 20 05	98 00	0 985 72	0 0 9 0 0	- - - 61			0		9.9	13
	Jalalabad	000 66	2 22 02	97 01	0 980 06	0 0 9 7 0	2 × 9 10	000 64	0 00 00	96 00	1 966 87	0 0 9 0 0	- - - 79	—	—	0.5	—	5.9	—
	Kandahar	000 64	1 00 00	98 01	1 852 01	0 0 9 0 0	- - - 05	000 47	0 00 00	99 05	4 855 82	0 0 9 0 0	- - - 61	—	—	0	—	10.5	—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY THE 10TH JULY, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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_dT_d	N dd ff	VVwwW PPP TT	$N_h C_L h O_M C_H$	$W_1 D_S D_M T_x T_n$	Departure from Normal T_x	T_n	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 85	0 26 05	98 00 1	002 84	0 0 9 0 0	000 80	6 05 08	98 01 0	038 83	0 0 8 0 1	- x - 82	- 8	- 6	0	- 0.1	3.5	4
	Sharjah																	4
	Kuwait	000 65	0 00 00	97 00 0	003 11	0 0 9 0 0	000 69	0 84 02	97 00 0	026 91	0 0 9 0 0	- - - xx	-	-	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 Kilo metre 10,049-10, 069 feet according to latitude).
RRR at 0300 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 Control, 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 $L_a L_o$	$L_o L_o$ 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 $h_s h_s h_s$	O $T_x T_n$ $T_d T_d$	$I_d d_s d_w$ $P_w H_w$	SHIP	YQ $L_a L_a$	$L_o L_o$ 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 $h_s h_s h_s$	O $T_x T_n$ $T_d T_d$	$I_d d_s d_w$ $P_w H_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Dara	25 250	801 06	5 74 04	97 01 1	050 82	18 7 01	7 5 110	...	0 53 76	1 14 xx											
Jalaprakash	25 105	756 06	6 34 01	98 03 1	000 82	67 7 03	7 3 101	...	0 02 72	1 31 32											
Cedarpool	25 082	724 06	6 27 09	98 02 2	090 85	42 6 88	...	...	...	...											
Jaladuta	25 115	748 06	7 18 02	97 02 2	088 77	73 0 00	8 8 307	6 0 000	0 55 74	1 1x x1											
Grootcheer	25 080	700 06	4 30 13	98 02 1	110 88	11 5 20	3 4 300	...	0 04 xx	1 39 x1											
Bennson	25 211	609 06	6 21 24	98 03 1	105 85	61 6 60	3 4 310	...	0 05 72	1 21 25											
Augtekerk	25 070	751 06	7 28 09	98 15 1	097 86	72 5 96	2 6 110	...	0 04 75	1 21 21											
Groix	25 086	710 12	4 29 13	9x 02 0	116 88	22 6 40	3 4 820	...	0 05 xx	1 39 x1											
Jalaprakash	23 120	747 18	7 21 05	98 03 1	042 80	79 6 00	8 3 302	...	0 01 78	1 21 00											
Jaladuta	23 107	751 12	6 27 02	97 01 2	063 82	45 0 36	8 3 302	...	...	...											
Dwarka	23 248	530 06	3 09 09	98 03 0	033 87	31 5 00	3 5 108	...	0 53 79	...											
Jalaprakash	23 118	750 12	6 31 13	98 01 1	055 82	61 7 0-	8 3 820	...	0 00 77	1 31 22											
Somerset	23 011	615 00	2 18 05	99 02 0	083 81	21 5 00	7 8 x00	...	0 54 72	-											

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_oP_oP_oT_oT_o$	$T_{do}T_{do}T_{xo}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ 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	29
Karach	780 14	001 29	271 60	000 10	702 71	864 81	241 28	700 85	170 23	509 41	519 94	302 27	729 97	201 66	929 99	106 07	179 94	555 55	269 17	241 82	529 00	241 74	628 10	240 95	868 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	10	15	20	25	30	1	2	3	4	7	10	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 *	22 06	22 08	22 10	...	...	...	...	...	...	...	...	...	20 24	21 19	...	...	...	...	20 18	...	...	...	...	...	...	...
Dhbo	21 11	22 09	22 11	20 11	16 08	12 10	07 21	...	...	...	...	...	21 25	23 21	...	...	...	...	20 26	24 20	23 23	21 23	21 21	14 23	...	...
Chittagong	21 19	22 24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20 12	21 15	...	...	...	...	...	...
Ora's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19 08	22 07	23 22	25 12	23 15	25 15	...	...
Dacca	21 09	21 12	22 15	...	...	...	...	...	...	...	...	...	22 19	22 23	23 23	24 28	...	...	21 18	22 20	22 12	...	...	...	...	...
Dalbandin	...	...	23 03	31 03	03 05	04 08	06 11	05 12	...	...	...	...	...	...	...	...	...	...	26 04	...	24 18	25 15	01 21	02 15	04 16	...
Drosr	...	...	...	...	24 02	18 06	17 04	20 08	22 21	...	...	...	...	...	...	...	01 09	26 16	...	...	...	04 08	01 24	02 15	21 08	...
Fort Sandeman	...	...	...	29 02	32 06	31 04	27 04	22 08	32 09	...	...	...	...	...	22 05	...	20 16	21 12	...	...	21 04	22 04	02 04	25 06	25 10	...
Jacobabad	15 05	12 07	19 08	22 07	22 06	23 05	04 11	...	...	...	...	...	19 21	21 13	22 09	22 08	22 07	22 03	18 16	23 16	24 06	24 09	23 10	02 11	09 08	...
Jheium	18 12	14 15	12 17	07 04	29 06	31 11	33 10	27 03	...	...	...	...	...	...	...	...	...	...	16 04	14 14	15 15	19 07	27 12	29 13	33 21	29 21
Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	24 10	24 09	16 07	11 02	16 08	15 22	10 21	02 08	07 11	...	...	...	27 15	26 17	25 16	...	...	...	25 23	25 22	27 19	22 11	15 13	...	...	...
Khanpur	23 25	28 19	22 17	...	...	...	...	...	...	...	...	...	13 23	04 22	24 19	26 26	...	...	22 20	26 28	25 27	27 21	28 17	...	...	...
Lahore	05 05	10 09	12 10	17 02	31 06	32 04	35 18	01 15	28 09	27 18	...	...	13 13	12 09	23 04	22 07	22 08	...	17 27	15 09	16 07	03 01	22 01	28 17	...	...
Multar	21 07	19 07	19 06	19 05	24 04	01 05	01 17	24 07	...	...	...	...	23 27	23 15	21 08	19 05	24 02	...	24 25	19 15	17 15	17 05	16 05	28 02	32 14	32 11
Peshawar	...	05 02	10 02	17 0x	23 06	27 08	27 27	29 18	30 15	...	...	...	...	...	...	...	...	...	...	35 10	36 18	33 11	31 19	33 12	33 18	...
Quetta	...	...	...	...	35 02	33 15	33 21	35 06	...	...	...	...	...	...	...	...	14 06	32 07	...	...	...	...	23 15	26 29	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sharan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

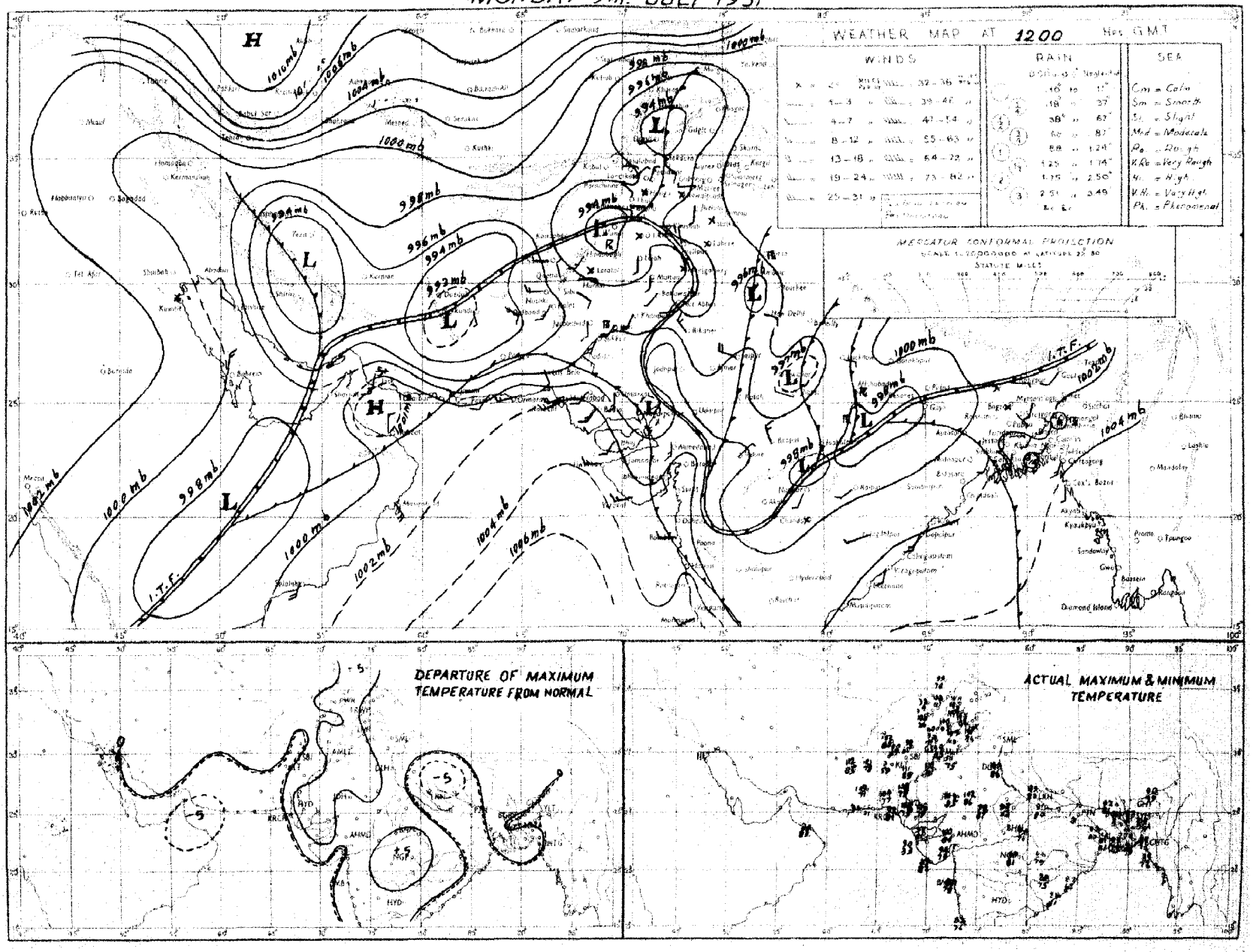
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km.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

Cloud Observation Data (iiiGG Cddv, v_r)

S. P. W

PAKISTAN DAILY WEATHER MAP

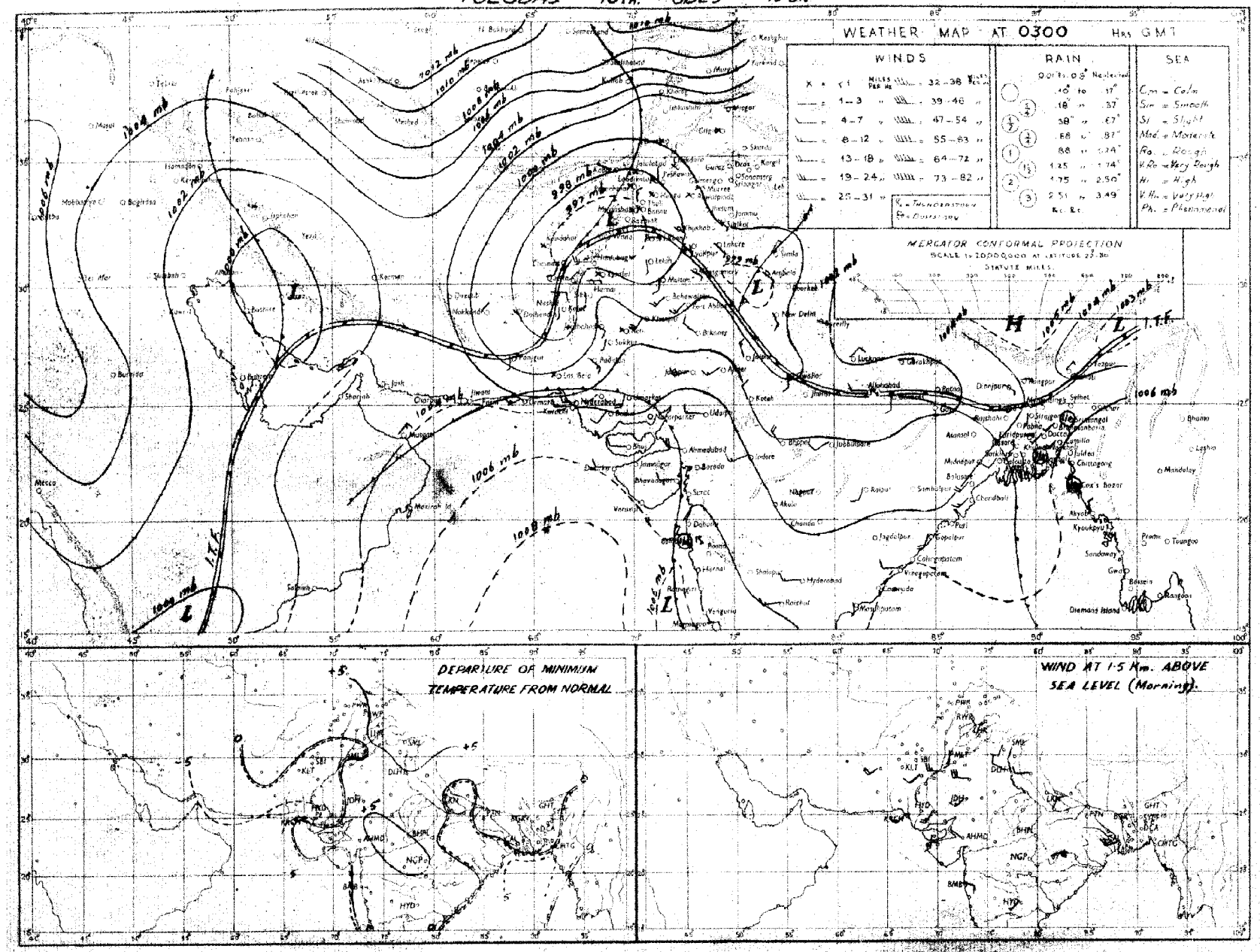
MONDAY 9th: JULY 1951



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 10th. JULY 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-1467

FOR WEDNESDAY, THE 11TH JULY, 1951

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

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

Seasonal low lies well marked over West Pakistan.

The trough of low off Konkan Kanara coast has become unimportant.

An active surge in southerly air stream is running across Port Blair and head Bay of Bengal, and is causing active monsoon in East Pakistan.

Rainfall has been fairly widespread in East Pakistan. Dustraising winds have also been reported from Sind and the Mekran coast.

Chief amounts of rainfall are:—Bogra 1½"; Cox's Bazar ¾"; Dinajpur and Rangpur ½" each and Comilla, Mymensingh and Barisal ¼" each.

Day temperatures were markedly to considerably above normal in the Punjab and generally appreciably above normal elsewhere over the country.

Forecast valid until the evening of 12th:—Fairly widespread rain/thundershowers will occur in East Pakistan and fairly widespread dustraising winds/dust in suspension in West Pakistan.

Karachi-11.
The 11th July, 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	$N_hC_Lh C_M C_H$	$W_tD_LD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_tD_LD_MT_nT_n$	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 75	7 18 05	95 03 1	045 91	4 6 5 2 0	1 - x 90	070 76	7 18 03	96 03 6	065 81	9 6 5 2 0	9 x 76	+ 4	- 1	38.8	- 5.0	48.5	140
	Chittagong	000 77	7 10 09	97 02 1	028 84	7 8 5 0 0	- - - 87	017 75	5 16 05	97 60 5	056 82	3 8 5 7 9	9 9 9 77	+ 1	0	35.5	+ 6.1	65.3	108
	Comilla	025 76	8 15 09	98 03 6	028 82	8 4 7 - -	7 - 85	025 80	8 23 09	98 03 1	040 84	8 5 7 - -	79	- 2	+ 2	32.8	+ 8.9	28.8	115
	Brahmanbaria	000 79	8 15 02	97 02 1	018 82	8 4 5 - -	- - - 80	000 80	7 16 05	97 03 1	040 84	7 5 5 0 0	. . 81		—	21.1		31.0	94
	Dacca	xxx 78	7 28 03	97 71 6	005 89	5 8 5 1 0	2 - x 89	xxx 78	S 28 05	97 02 2	032 84	6 5 4 2 6	9 x x 80	—		—	—		75
	Narayanganj	000 79	6 18 02	95 03 2	004 87	2 5 5 2 0	5 - x 92	000 78	8 18 05	95 03 1	031 86	8 5 5	81	4	+ 2	31.4	+ 14.4	50.5	74
	Mymensingh	015 80	2 00 00	99 01 6	004 87	2 1 6 0 0	- - - 90	018 80	8 16 06	97 02 2	032 83	8 2 5	- - - 80	+ 3	+ 2	22.9	0.8	31.1	91
	Srimangal	000 77	5 81 03	97 01 6	017 85	2 2 6 0 1	4 5 - 90	007 78	7 18 05	97 02 1	044 84	4 8 6 3 1	6 3 78	0	+ 2	26.5	+ 2.4	55.4	98
	Khulna	000 78	6 20 05	97 03 2	015 88	6 6 5 0 0	- - - 92	000 79	6 18 02	98 03 1	037 87	5 5 7 0 1	- x 81	+ 4	+ 3	18.0	4.7	21.6	66
	Satkhira	000 75	5 22 02	17 03 5	003 87	2 4 7 6 0	6 - x 91	000 78	8 23 05	97 03 1	040 86	5 4 8 6 0	8 x 81	+ 2	+ 3	9.0	9.1	17.5	62
	Jessore	000 79	7 18 05	96 02 1	016 89	2 2 6 5 0	- x 93	000 79	7 20 05	96 02 3	028 85	7 8 6 0 0	- 79			11.7	4.7	18.9	65
	Faridpur	003 81	6 08 05	97 02 6	006 85	4 5 6 1 0	2 - 8 87	003 79	8 08 09	97 02 2	033 84	5 4 6 1 0	4 x 81	1	+ 3	20.1	+ 2.7	27.6	71
	Barisal	029 79	8 18 07	97 02 6	012 85	2 2 6 2 8	3 x x 90	029 79	8 18 05	97 03 1	040 87	6 4 5 0 0	x 81	, 2	+ 2	21.2	+ 0.4	30.9	81
	Pabna																		59
	Rampur Boalia	000 88	8 13 03	99 01 1	987 88	1 1 7 0 0	- - - 90	000 83	8 18 05	98 02 2	020 83	8 4 7 - -	- - - 81	+ 3	+ 3	25.6	+ 8.9	36.1	50
	Sirajganj																		64
	Bogra	000 79	6 00 00	96 03 1	982 90	5 3 6 0 8	- x - 92	148 79	7 28 03	96 03 9	015 83	4 2 6 7 0	- - x 76	+ 3	3	24.5	+ 6.2	31.3	60
	Dinajpur	042 77	7 00 00	97 02 9	007 79	0 0 9 7 9	9 2 2 89	042 79	8 00 00	97 02 5	021 82	8 5 6 - -	- 73	1	0	21.1	+ 1.1	25.4	72
	Rangpur	085 xx	4 00 00	97 02 6	— —	4 1 8 0 0	- - xx	065 xx	8 11 03	96 02 6	— —	8 5 6 - -	- - - xx	—	—	35.8	+ 11.9	45.4	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 66	0 20 02	96 00 0	939 09	0 0 9 0 0	- - - 09	000 70	0 20 04	94 05 4	944 90	0 0 9 0 0	- - - 85	+ 6	+ 3	1.0	- 1.3	5.2	12
	Lahore	000 57	0 27 02	98 00 9	948 09	0 0 9 0 0	- - - 11	000 63	0 27 02	96 00 0	959 93	0 0 9 0 0	- - - 85	+ 10	+ 5	1.8	- 1.7	5.8	19
	Sialkot	000 63	4 05 04	97 06 1	959 09	4 4 6 0 0	- - - 08	000 67	2 18 04	97 02 1	954 93	0 0 9 0 1	- x - 85	+ 9	+ 5	1.8	- 4.6	6.7	32
	Jhelum	000 72	2 23 02	96 06 1	913 04	2 1 7 0 0	- - - 07	000 71	0 09 02	97 00 0	955 91	0 0 9 0 0	- - - 80		—	4.1	—	13.5	—
	Rawalpindi	000 60	4 00 00	98 01 1	924 05	0 0 9 1 0	- - x 09	000 64	0 00 00	99 00 0	950 94	0 0 9 0 0	- - - 84	+ 10	+ 7	2.6	- 1.9	13.4	30
	Murree †	000 54	6 23 07	96 02 1	931 75	6 9 4 0 0	4 - - 82	000 68	0 09 03	96 00 1	919 75	0 0 9 0 0	- - - 66	+ 7	+ 7	5.9	- 2.0	38.5	59
	Attock	xxx xx	0 36 05	98 00 0	— —	0 0 9 0 0	- - - xx	xxx xx	0 16 05	98 00 0	— —	0 0 9 0 0	- - - xx		—	—	—	—	—
	Khushab	000 73	0 11 05	97 00 0	935 10	0 0 9 0 0	- - - 11	000 74	0 11 05	97 00 0	944 91	0 0 9 0 0	- - - 85	+ 7	+ 3	1.1	- 1.4	6.8	18
	Montgomery	000 60	0 00 00	96 00 0	946 09	0 0 9 0 0	- - - 10	000 65	0 19 08	97 00 0	941 90	0 0 9 0 0	- - - 86	+ 6	+ 2	1.5	- 0.6	5.2	10
	Leiah	000 04	0 18 05	97 00 0	954 09	0 0 9 0 0	- - - 16	000 92	0 23 03	97 00 0	936 92	0 0 9 0 0	- - - 88	—	—	0	—	5.7	8
	Multan	000 61	0 18 05	97 00 0	954 09	0 0 9 0 0	- - - 11	000 70	0 18 09	96 00 0	944 88	0 0 9 0 0	- - - 86	+ 8	+ 1	0.3	- 0.9	3.3	7
	Khanpur	000 89	0 21 13	94 07 0	963 12	0 0 9 0 0	- - - 14	000 78	0 21 09	94 04 0	961 86	0 0 9 0 0	- - - 82	+ 7	- 1	0.3	- 0.9	1.9	6
	Bahawalpur	000 66	0 23 04	97 00 0	950 11	0 0 9 0 0	- - - 12	000 69	0 23 12	97 00 0	971 87	0 0 9 0 0	- - - 85	+ 7	+ 1	0	- 1.0	3.1	6
	Fort Abbas	000 85	0 28 07	96 00 0	944 13	0 0 9 0 0	- - - 14							—					5
N. W. F. P.	Drosh *	000 13	1 25 03	99 01 0	860 95	1 1 8 0 0	- - - 00	000 13	0 11 05	93 00 1	900 86	0 0 9 0 0	- - - 78	+ 4	+ 5	0.3	—	20.5	18
	Chandara	000 62	0 00 00	99 00 0	922 01	0 0 9 0 0	- - 04	000 68	0 13 02	98 00 0	960 83	0 0 9 0 0	- - 58	—	—	0.2	—	12.5	—
	Cherat *	000 46	0 34 07	97 00 0	893 96	0 0 9 0 0	- - - 99	000 64	0 36 10	97 00 0	886 46	0 0 9 0 0	- - - 78	+ 9	+ 7	0.7	- 1.4	22.8	20
	Peshawar	000 53	0 09 08	96 00 1	927 08	0 0 9 0 0	- - - 09	000 63	0 13 05	96 00 0	916 83	0 0 9 0 0	- - - 79	+ 6	- 1	0.2	- 0.4	7.5	14
	Parachinar	000 32	0 19 03	99 00 0	931 92	0 0 9 0 0	- - - 94	000 48	0 00 00	99 00 0	907 79	0 0 9 0 0	- - - 68	+ 6	+ 2	2.7	+ 1.3	20.5	20
	Miranshah	000 59	0 07 02	99 00 0	875 03	0 0 9 0 0	- - - 07	000 51	0 00 00	99 00 0	886 92	0 0 9 0 0	- - - 82	—	—	0.7	· 0.8	7.6	13
	Bannu	000 62	0 09 05	97 05 4	924 07	0 0 9 0 0	- - - 10	000 78	0 00 00	97 05 4	937 93	0 0 9 0 0	- - - 82	—	—	0.6	—	5.5	11
	D. I. Khan	000 67	0 16 02	96 00 0	928 12	0 0 9 0 0	- - - 12	000 73	0 05 04	95 00 0	951 86	0 0 9 0 0	- - - 77	+ 8	6	0.6	1.1	2.3	9
	Wana																		11
	Landikotal	000 81	0 31 03	93 00 0	872 02	0 0 0 0 0	- - - 03	000 78	0 31 03	98 00 0	885 89	0 0 9 0 0	- - - 85	—	—	0.2	—	9.8	—
	Hangu	xxx xx	0 00 00	37 00 0	— —	0 0 0 0 0	- - - xx	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Thall	xxx xx	0 28 09	99 00 0	— —	0 0 9 0 0	- - - xx	xxx xx	0 09 13	99 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 64	0 00 00	97 02 1	871 01	4 5 8 0 0	- - - 04	000 44	0 00 00	97 00 0	895 87	0 0 9 0 0	- - - 77	+ 3	+ 2	0	- 1.8	5.9	11
	Hindubagh	000 34	2 21 19	97 02 1	921 91	2 2 8 0 0	7 - - 99	000 31	0 23 18	97 00 0	917 86	0 0 9 0 0	- - - 75	—	—	0	—	3.3	—
	Loralai	000 62	0 13 05	96 00 1	868 77	0 0 9 0 0	- - - 99	000 59	0 00 00	97 00 0	878 80	0 0 9 0 0	- - - 66	—	—	0.1	—	6.5	—
	Harnai (a)	000 xx	0 18 05	95 00 0	— —	0 0 9 0 0	- - - xx	000 xx	0 20 02	96 00 0	—	0 0 9 0 0	- - - xx	·	·	0	- 1.4	8.6	14
	Sibi	000 67	0 12 05	93 00 0	944 14	0 0 9 0 0	- - - 15	000 66	0 09 05	98 00 0	954 95	0 0 9 0 0	- - - 90	—	—	0	—	1.5	5
	Quetta †	000 43	3 31 05	97 01 1	934 96	0 0 9 3 0	- - x 07	000 59	0 00 00	97 05 0	918 79	0 0 9 0 0	- - - 61	—	—	0	- 0.2	8.5	9
	Chaman	000 47	0 34 03	97 00 0	861 03	0 0 9 0 0	- - - 04	000 51	0 29 02	97 00 0	898 80	0 0 9 0 0	- - 70	+ 2	- 6	0	0	9.6	8
	Nushki	000 81	0 27 09	97 00 0	942 10	0 0 9 0 0	- - - 10	000 66	0 27 05	98 00 0	951 90	0 0 9 0 0	- - - 83		—	0	—	4.4	—
	Dalbandin *	000 48	6 23 04	94 05 0	898 09	6 1 7 0 0	- - - 11	000 44	0 27 10	94 06 0	895 87	0 0 9 0 0	- - - 77	+ 2	- 1	0	0	1.8	4
	Nokkundi	000 93	6 34 09	97 05 1	928 13	0 0 9 0 0	- - - 15	000 78	0 34 19	97 06 0	982 90	0 0 9 0 0	- - - 85	—	—	0	—	0.9	2
	Kalat †	000 71	0 32 05	98 00 0	042 90	0 0 9 0 0	- - - 93	000 51	0 18 05	98 00 0	938 70	0 0 9 0 0	- - - 62	+ 2	0	0	- 0.4	9.0	7
	Turbat	000 86	0 28 05	97 00 0	031 03	0 0 9 0 0	- - - 05	000 77	0 27 03	xx 00 0	070 84	0 0 9 0 0	- - - 79	—	—	0	—	1.4	—
	Panjgur *	000 33	4 22 03	97 03 0	912 02	0 0 9 2 0	2 - 8 08	000 63	0 23 02	97 00 0	928 79	0 0 9 0 0	- - - 70	0	- 7	0	—	3.2	3
	Las Bela	000 72	0 16 06	09 00 0	994 98	0 0 9 0 0	- - - 04	000 76	0 00 00	99 00 0	085 85	0 0 9 0 0	- - - 70	—	—	0	—	0.1	3
	Ormara	000 88	0 25 12	94 07 0	026 87	0 0 9 0 0	- - - 88	000 81	3 26 18	96 07 0	029 85	3 5 6 0 0	- - - 81	—	—	0	- 0.1	3.7	6
	Pasni	000 73	0 25 07	96 00 0	028 88	0 0 9 0 0	- - - 90							· 2					6
	Jiwani																		4
SIND	Keti	000 97	0 28 17	93 96 0	965 15	0 0 9 0 0	- - - 15	000 78	7 23 17	94 06 4	969 86	0 0 9 0 0	- - - 81	—	—	0	—	0.4	—
	Jacobabad	000 84	0 18 10	96 00 0	945 13	0 0 9 0 0	- - - 14	000 65	0 13 08	95 05 0	951 90	0 0 9 0 0	- - - 84	+ 4	- 1	0	- 0.6	0.5	4
	Sukkur	000 86	0 20 05	96 00 0	956 09	0 0 9 0 0	- - - 09	000 70	0 20 03	96 00 0	953 85	0 0 9 0 0	- - - 81	—	—	0	—	0.5	4
	Pad Idan	000 92	0 18 13	98 00 0	965 18	0 0 9 0 0	- - - 13	000 69	0 16 09	98 00 0	961 87	0 0 9 0 0	- - - 82	—	—	0	—	0.1	—
	Karachi (Manora)	000 77	6 25 18	96 00 0	030 88	0 0 9 0 0	- - - 90	000 77	5 27 13	96 02 2	028 84	5 6 4 0 0	- - - 82	1	1	0	- 1.4	0	8
	Karachi (A. P.)	000 79	6 25 17	96 00 1	023 84	0 0 9 0 0	- - - 94	000 70	3 25 19	96 02 1	028 86	3 1 5 0 0	- - - 82	—	—	0		0.1	—
	Badin	000 89	0 27 08	97 00 0	003 09	0 0 9 0 0	- - - 01	000 74	0 27 07	97 06 0	023 86	0 0 9 0 0	- - 81	+ 5	0	0	- 2.2	0	9
	Nagarparkar																		—
	Chhor (Umarkot)	000 89	0 20 12	97 00 0	991 04	0 0 9 0 0	- - - 05	000 76	0 20 17	97 40 5	048 84	0 0 9 0 0	- - - 80	—	—	0	—	0	7
	Hyderabad	000 88	0 23 05	97 00 0	990 03	0 0 9 0 0	- - - 05	000 74	1 23 14	95 07 0	002 85	0 0 9 0 1	- x - 81	+ 5	0	0	- 1.2	0.3	
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul	000 27	1 03 08	98 00 0	972 88	0 0 9 0 1	- x - 01	000 43	0 29 03	98 00 0	974 78	0 0 9 0 0	- - - 60	—	—	0	—	9.9	12
	Jalalabad	000 56	0 27 02	97 00 0	979 09	0 0 9 0 0	- - - 11							—					—
	Kandahar	000 61	0 00 00	98 00 0	849 00	0 0 9 0 0	- - - 04							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY THE 11TH JULY, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_H D_M D_L T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h O_M O_H$	$W_1 D_H D_M T_n T_n$	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	Charbar																		4
	Jask																		5
	Masnee																		10
	Bushire																		11
Arabia	Muscat	000 83	3 11 09	98 02	1027 83	0 0 9 0 1	× - 84	000 78	0 09 09	97 00	0 036 83	0 0 8 0 0	- - - 81	- 12	- 7	0	- 0.1	3.3	4
	Sharjah	000 45	0 00 00	97 00	0.016 13	0 0 9 0 0	- 13	000 ××	0 24 02	95 00	0 028 94	0 0 8 0 0	- - - ××	—	—	0	—	1.5	5
	Kuwait																		6

* 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 Control, 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	8 N_s C $h_s h_s h_s$	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										
Mozaffri	33 158	691 06	0 25 13	99 00	0 078 86	00 9 60	6 5 144	...	0 04 76	1 22 80
Sheshihe	38 678	739 06	6 36 05	98 03	1 096 87	32 5 79	2 5 105		0 08 ×	1 81 ×2
Glorx	33 080	741 06	2 21 14	98 02	0 115 84	21 8 60	3 4 112		0 08 ×	1 81 ×2
Jalaprakash	33 135	752 06	6 31 02	97 03	1 079 80	60 6 00	3 8 802		0 02 70	1 81 62
Mohammedi	33 329	642 09	1 28 06	97 02	0 072 86	11 5 00				
Jalaganga	33 180	736 12	7 25 09	98 02	2 049 83	49 6 7x	7 5 801		0 53 79	1 25 ××
Mozaffari	33 133	661 18	9 24 13	99 00	0 071 82	9- 0	6 5 147			
Jalaprakash	33 142	740 12	6 29 09	99 01	1 056 85	66 7 80	3 3 816		0 03 79	1 29 22
Mozaffari	33 188	674 12	1 25 09	99 01	0 030 85	00 9 40	6 5 802			
Jalaprakash	33 140	732 18	5 29 02	98 03	2 007 82	56 6 00	3 3 801		0 00 77	1 29 00
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoXiX2	PiPihihihi	TiTiTdiTdiTxi etc.	5555	hihiPiPiPiPi	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 29
Karach	780 14	691 28	277 60	020 10	282 77	854 80	231 79	700 24	170 84	599 45	519 91	802 15	809 91	201 14	069 94	555 55	329 09	222 17	368 87	222 14	568 24	251 43	858 00	231 47	466 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 (Hdddff)*

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	7	10	15	20	25	30	1	2	3	5	7	10	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	26
Bogra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19 19	20 26	—	—	—	—	—	—
Chhor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23 25	23 30	24 33	22 29	—	—	—	—
Chittagong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15 19	19 22	—	—	—	—	—	—
Cox's Bazar	21 12	21 14	22 13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18 12	19 13	21 14	22 17	23 20	—	—	—
Dacca	—	—	—	—	—	—	—	—	—	—	—	21 28	21 25	22 23	23 25	24 14	—	—	—	—	—	—	—	—	—
Dalbandin	—	—	—	—	—	—	—	—	—	—	—	—	—	21 00	24 17	23 13	—	—	—	25 12	21 04	23 11	05 05	24 18	—
Drosr.	—	—	—	—	03 06	07 03	25 08	24 05	—	—	—	—	—	—	20 02	23 10	25 14	—	—	—	—	25 11	26 10	24 15	03 15
Fort Bandeman	—	—	—	—	—	—	—	—	—	—	—	—	—	—	07 15	06 09	27 05	—	—	23 06	22 05	29 09	28 15	—	—
Jacobabad	—	—	—	—	—	—	—	—	—	—	—	13 19	20 24	21 25	24 18	23 17	23 15	15 05	24 13	27 12	21 10	23 12	20 07	25 01	—
Jhelum	15 03	16 06	16 08	22 05	20 07	25 16	21 11	20 11	28 25	—	—	16 05	12 12	14 13	21 11	27 12	24 04	05 04	18 18	18 15	18 09	20 07	23 08	23 19	21 10
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 25	27 19	27 16	25 12	22 10	13 07	08 20	05 31	16 19	18 11	—	27 22	27 27	27 27	—	—	—	27 23	27 29	27 29	27 21	—	—	—	—
Khanpur	23 22	25 23	24 10	—	—	—	—	—	—	—	—	21 26	22 29	23 25	—	—	—	21 15	25 31	25 28	24 27	25 23	—	—	—
Lahore	31 03	26 07	26 08	22 08	26 05	31 16	31 25	32 17	29 18	27 18	—	12 11	18 09	23 09	25 19	25 18	31 15	24 12	25 16	26 13	24 06	31 05	28 09	22 12	—
Multan	22 23	21 19	20 16	18 18	19 13	20 26	30 15	32 21	—	—	—	22 32	25 28	24 25	25 23	—	—	21 18	24 25	26 21	24 10	—	—	—	—
Peshawar	—	10 03	09 02	33 04	31 06	30 10	29 21	31-13	32 33	29 33	—	—	30 28	29 06	28 18	29 18	—	—	—	03 05	33 10	35 17	33 15	35 18	—
Quetta	—	—	—	—	—	—	—	—	—	—	—	29 15	29 35	—	—	—	—	—	—	—	—	—	28 13	28 22	21 16
Veraval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sukrur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

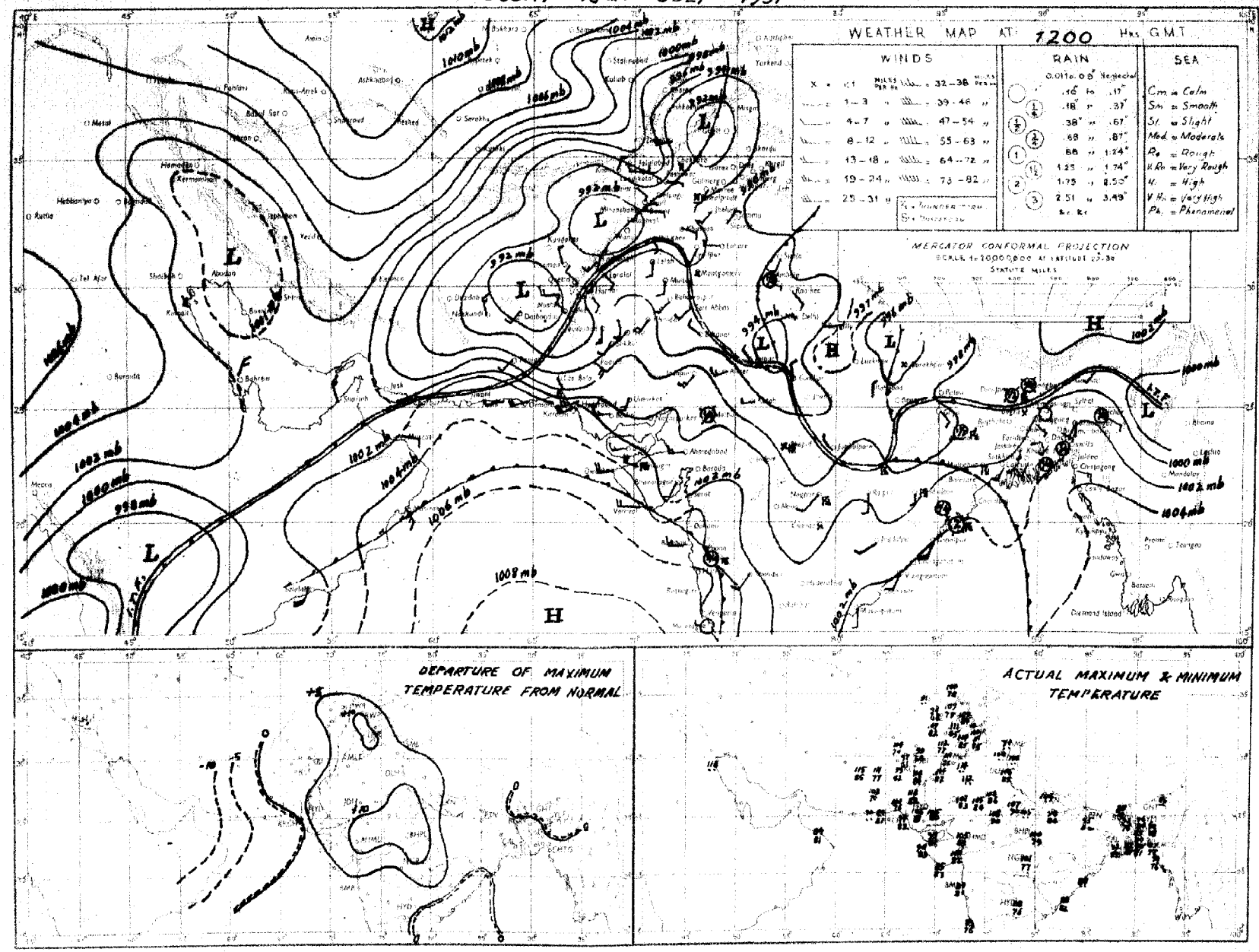
Cloud Observation Data (iiiGG Cddv, v_v)

* 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, 0.9, 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.

S. P. W.

PAKISTAN DAILY WEATHER MAP

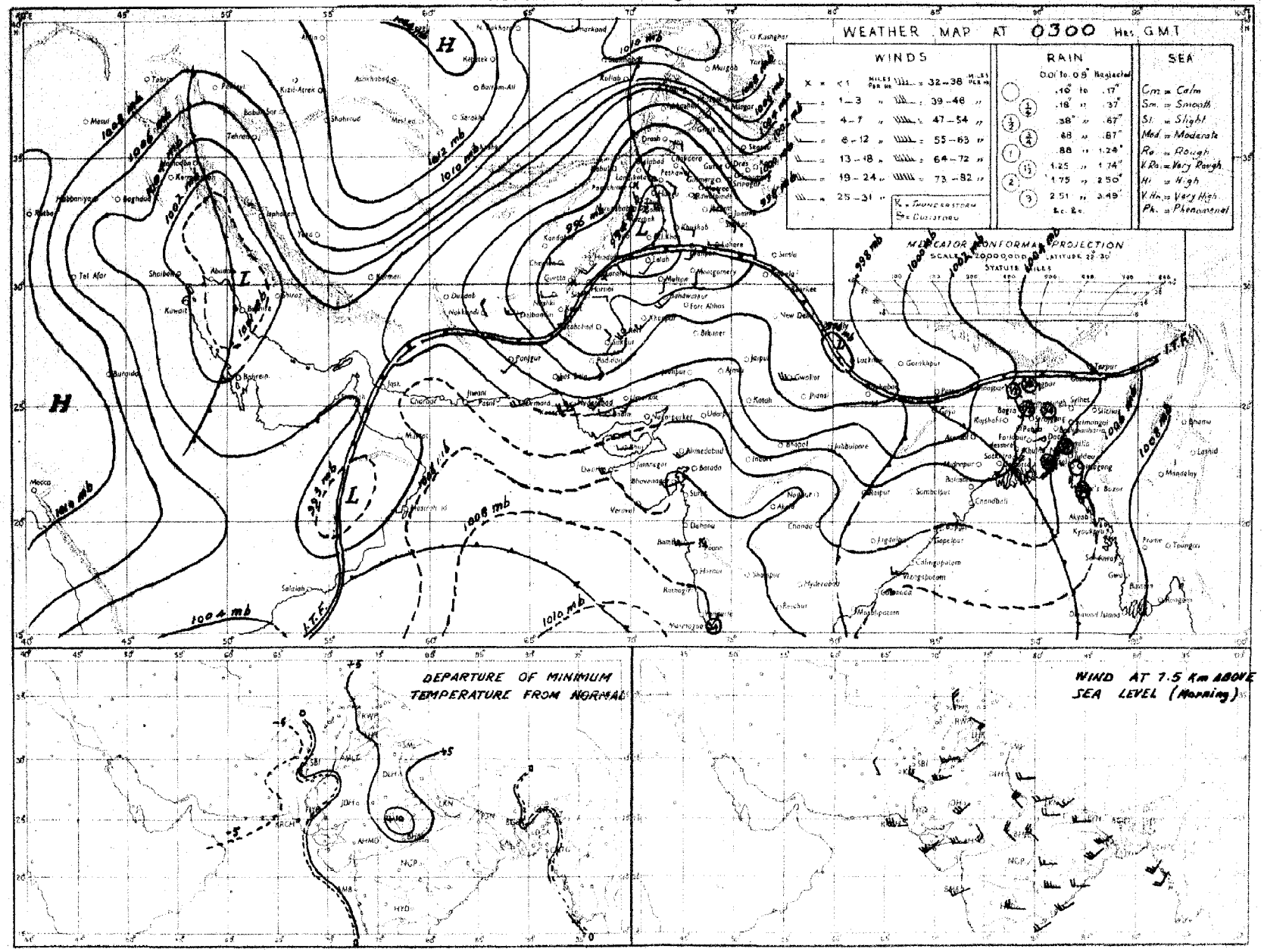
TUESDAY 10 th: JULY 1951



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11th JULY 1951



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

Monthly Subscription
Pages 1—2
Pages 1—4

Regd. No. S-1467

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 12TH JULY, 1951

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

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

Shamals are strengthening over west Persian Gulf.

Seasonal low lies accentuated over West Pakistan.

A trough of low has appeared in West Central Bay of Bengal. Monsoon continues to be active in East Pakistan.

Widespread rain has occurred in West Pakistan and dustraising winds in plains of West Pakistan.

Chief amounts of rainfall are :—Cox's Bazar, Comilla, and Mymensingh 2" each ; Barisal and Bogra, 1" each ; Narayanganj, Sirajganj and Rangpur ½" each ; Brahmanbaria and Satkhira ¼" each and Khulna and Dinajpur ¼" each.

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

Forecast valid until the evening of 13th :—Fairly widespread rain/thunderstorms will occur in East Pakistan and dustraising winds/dust in suspension in West Pakistan. There will be low clouds along Sind coast.

Karachi-11. }
The 12th July, 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	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_nT_n$	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	167 78	7 13 02	95 03 6	044 77	4 8 5 2 0	9 × × 36	192 77	7 13 05	96 02 6	064 82	4 6 6 2 0	9 × 0 75	0	2	40.7	- 4.1	60.5	140
	Chittagong	012 77	6 18 13	97 03 6	051 83	3 2 5 7 9	5 5 5 67	018 76	7 16 13	97 03 2	051 82	7 8 5 2 0	9 × × 77	+ 1	0	35.7	+ 5.5	66.4	108
	Comilla	150 78	5 18 09	98 03 6	022 82	5 4 7 0 0	5 0 0 88	176 79	7 13 09	98 03 6	035 80	7 4 7 - -	8 0 0 78	- 5	+ 1	34.5	+10.2	40.1	115
	Brahmanbaria	030 79	6 18 02	97 02 6	017 82	6 4 5 4 0	8 × 0 88	042 75	8 18 09	97 03 1	029 82	8 5 4 - -	78	—	—	21.4	+ 2.9	31.4	94
	Dacca	××× 78	6 18 05	97 21 6	007 85	4 8 4 1 0	3 1 8 89	××× 79	8 20 06	96 02 6	020 82	6 5 5 2 -	3 × × 77	—		—	—		78
	Narayanganj	000 77	6 18 05	95 08 2	001 85	6 0 7 7	5 × 0 89	075 81	8 18 03	95 50 6	014 84	8 0 7 2 -	2 × 0 80	0	+ 1	32.2	+14.7	51.3	74
	Mymensingh	057 79	6 11 05	95 03 6	000 81	8 7 3 0 0	- 99	237 78	8 00 00	98 02 6	017 81	8 4 7 - -	0 × × 76	+11	2	25.3	1.1	33.6	91
	Srimangal	012 79	6 13 03	97 02 6	012 82	8 8 7 0 1	5 5 × 57	012 75	8 18 67	97 03 1	038 81	8 5 6 - -	- - - 77	+ 3	+ 1	26.6	+ 2.1	55.5	98
	Khulna	021 79	6 18 02	97 02 2	004 86	6 6 7 0 0	- - - 91	026 77	8 18 82	96 02 2	029 80	8 6 7 - -	- - - 78	+ 3	0	13.3	4.9	21.8	68
	Satkhira	000 73	7 13 03	97 03 5	006 82	5 9 6 6 0	9 0 × 90	065 75	8 28 03	97 02 6	037 78	5 4 7 6 0	9 0 × × ×	+ 3	+12	9.6	- 7.9	18.2	65
	Jessore	000 76	7 18 05	96 02 1	996 88	7 8 6 0 0	- 92	015 77	7 18 05	96 02 6	016 83	7 6 6 0 0	6 × × 78	—		11.9	4.9	19.0	65
	Faridpur	000 80	6 08 13	97 02 5	989 84	4 5 6 1 0	9 × × 87	000 79	3 03 09	97 02 2	023 82	7 5 6 1 0	9 8 × 79	1	+ 1	20.1	+ 2.4	27.4	71
	Barisal	072 76	5 18 05	97 01 6	000 85	2 4 5 3 9	6 × × 89	092 78	8 18 87	97 03 6	027 84	5 7 5 2 8	2 × × 79	+ 2	0	22.1	+ 0.9	31.8	81
	Pabna																		58
	Rampur Boalia																		56
	Sirajganj	022 80	8 23 02	97 56 5	999 80	8 7 5 - -	1 0 0 89	078 79	8 18 03	98 02 2	011 80	8 4 7 - -	9 0 0 77	+ 1	- 1	26.3	+ 9.3	36.0	64
	Bogra	055 79	8 00 00	96 02 6	980 80	8 7 4 - -	- - 88	123 77	3 28 03	96 03 9	016 81	5 8 6 2 0	- 78	1	- 1	25.7	+ 7.2	32.5	60
	Dinajpur	000 78	8 00 00	97 02 5	984 79	8 4 7 - -	9 0 0 88	021 79	8 00 00	97 03 2	014 80	8 4 7 - -	9 0 0 78	- 6	0	21.3	+ 0.7	25.5	72
	Rangpur	048 ××	8 07 02	96 02 6	— —	8 5 8 - -	- - - —	068 ××	8 00 00	96 02 6	— —	6 5 8 0 0	- —		—	36.5	+11.1	46.1	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 77	0 16 02	95 05 4	910 07	0 0 9 0 0	9 × × 07	000 79	0 20 05	99 05 4	938 90	0 0 9 0 0	- - - 89	+ 5	+ 7	1.0	- 3.4	5.2	13
	Lahore	000 57	0 23 02	95 05 0	917 07	0 0 9 0 0	- - - 08	000 69	0 27 02	94 42 0	940 92	0 0 9 0 0	- - - 87	+ 8	+ 7	1.8	- 1.9	5.8	18
	Sialkot	000 65	2 18 04	97 02 1	912 07	2 0 8 6 0	- - - 08	000 65	4 25 03	97 01 1	941 95	4 0 8 4 0	- - - 88	+10	+ 8	1.8	- 4.9	6.7	32
	Jhelum	000 72	2 00 00	95 01 1	921 ××	2 1 8 0 0	2 × × 08	000 69	0 00 00	45 05 0	941 91	0 0 9 0 0	- - - 80		—	4.1	—	18.5	—
	Rawalpindi							000 65	0 00 00	99 00 0	980 95	0 0 9 0 0	- - 84	—	+ 7	2.6	- 3.2	13.4	38
	Murree †							000 58	0 09 05	95 00 1	918 75	0 0 9 0 0	9 × × 65		+ 6	6.9	2.4	28.5	60
	Attock							××- ××	0 32 05	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Khushab	000 78	0 11 06	97 00 0	912 06	0 0 9 0 0	- - - ××	000 71	0 11 05	97 00 0	937 92	0 0 9 0 0	- - - 87	—	+ 5	1.1	- 1.6	6.8	16
	Montgomery	000 65	8 23 08	96 08 2	913 06	0 0 9 0 7	8 0 × 08	000 78	8 23 05	95 05 2	958 87	0 0 9 0 7	5 0 × 56	+ 5	+ 2	1.5	- 0.7	5.2	10
	Leiah	000 99	0 03 03	97 00 0	950 10	0 0 9 0 0	- - - 12	000 84	0 13 06	95 07 0	933 87	0 0 9 0 0	- - - 87	—	—	0	—	5.7	9
	Multan							000 75	0 18 05	95 00 0	945 84	0 0 9 0 0	- - - 83		- 2	0.3	- 1.0	3.3	7
	Khanpur	000 83	0 28 15	94 07 0	922 10	0 0 9 0 0	- - - 11	000 78	0 21 13	84 07 0	947 84	0 0 9 0 0	- - - 80	+ 6	- 3	0.2	1.0	1.9	4
	Bahawalpur	000 67	0 23 04	97 00 0	913 09	0 0 9 0 0	- - - 10	000 74	0 23 10	96 00 0	947 87	0 0 9 0 0	- - 85	+ 7	- 1	0	1.1	3.1	6
	Fort Abbas							000 68	0 13 08	96 00 1	955 88	0 0 9 0 0	0 × × 73		—	0	—	3.1	6
N. W. F. P.	Drosh *							000 21	0 07 03	98 00 0	888 84	0 0 9 0 0	- - - 76		+ 3	0.3	—	20.5	18
	Chakdara							000 57	0 27 03	93 00 0	950 83	0 0 9 0 0	- - 74		—	0.2	—	12.5	—
	Cherat *	000 54	0 16 02	97 00 0	868 92	0 0 9 0 0	- - - 00	000 51	0 36 04	97 00 0	893 83	0 0 9 0 0	- - 73	+11	+ 2	0.7	- 1.4	22.8	20
	Peshawar	000 49	0 09 05	96 00 1	901 09	0 0 9 0 0	- - - 10	000 60	0 13 02	96 00 1	945 92	0 0 9 0 0	- - - 80	+ 8	0	0.2	- 0.5	7.5	14
	Parachinar	000 57	2 18 02	99 00 1	904 91	0 0 9 3 0	5 × 1 92	000 59	2 23 02	99 01 1	906 79	0 0 9 3 0	3 × 7 70	+ 5	+ 4	2.7	+ 1.3	20.5	29
	Miranshah							000 65	0 00 00	96 00 0	877 91	0 0 9 0 0	- - - 84		—	0.7	- 0.8	7.6	13
	Bannu							000 73	9 00 09	94 05 4	932 92	9 - 0 - -	- - - 86		—	0.6	—	5.5	11
	D. I. Khan							000 76	0 13 02	94 06 0	924 91	0 0 9 0 0	- - - 79		4	0.6	0.9	2.8	9
	Wana																		11
	Landikotal							000 75	0 31 07	99 00 0	874 88	0 0 9 0 0	- - - ××	-	—	0.2	—	0.8	—
	Hangu							××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thal							××× ××	0 27 09	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 22	0 23 08	97 00 0	844 04	0 0 9 0 0	- - - 05	000 51	0 00 00	97 00 0	860 85	0 0 9 0 0	- - - 79	+ 5	+ 4	0	- 1.4	5.9	15
	Hindubagh	000 45	0 25 30	97 00 0	898 95	0 0 9 0 0	- - - 98	000 13	0 27 30	98 00 0	900 84	0 0 9 0 0	- - - 73	—	—	0	—	3.3	—
	Loralai	000 61	0 18 09	97 00 0	829 ××	0 0 9 0 0	- - - 01	000 51	0 81 05	98 00 0	862 81	0 0 9 0 0	- - - 68	—	—	0.1		6.5	—
	Harnai (a)	000 ××	0 07 05	95 00 0	—	0 0 9 0 0	- - - —	000 ××	0 00 02	95 00 0	---	0 0 9 0 0	- - - ××	-	-	0	- 1.4	6.6	14
	Sibi	000 58	0 18 18	99 00 0	890 15	0 0 9 0 0	- - - 15	000 71	0 00 00	93 00 0	938 90	0 0 9 0 0	- - - 89	—	—	0		1.5	5
	Quetta †	000 48	0 31 05	97 06 0	903 95	0 0 9 0 0	- - - 06	000 65	0 18 02	98 05 0	902 79	0 0 9 0 0	- - - 56	—	—	0	- 0.2	6.5	9
	Chaman	000 53	0 27 03	97 00 0	850 00	0 0 9 0 0	- - - 02	000 57	0 23 03	97 00 0	853 77	0 0 9 0 0	- - 71	0	5	0	0	9.6	8
	Nushki	000 45	0 27 12	97 00 0	914 07	0 0 9 0 0	- - - 08	000 61	9 20 10	95 05 4	××× ××	9 - 0 - -	2 × × 84		—	0	—	5.4	—
	Dalbandin *	000 59	0 23 03	94 05 0	875 09	0 0 9 0 0	- - - 10	000 47	0 23 03	94 05 0	956 82	0 0 9 0 0	- - - 76	+ 1	- 2	0	0	1.8	4
	Nokkundi	000 66	0 34 18	97 07 1	933 04	0 0 9 0 0	9 × × 06	000 62	0 34 18	96 07 1	978 87	0 0 9 0 0	9 × × 82	—	-	0	-	0.9	2
	Kalat †	000 72	0 30 09	98 00 0	916 89	0 0 9 0 0	- - - 92	000 48	0 18 05	98 00 0	920 89	0 0 9 0 0	- - - 59	+ 1	- 8	0	- 0.4	9.0	7
	Turbat	000 86	0 27 09	96 07 0	970 73	0 0 9 0 0	- - - 06	000 70	0 00 00	96 00 0	018 87	0 0 9 0 0	- - - 81	—	—	0	—	1.4	—
	Panjgur *	000 10	0 31 16	94 05 0	898 01	0 0 9 0 0	- - - 02	000 23	0 31 09	97 00 0	902 88	0 0 9 0 0	- - - 77	- 1	0	0	—	3.2	5
	Las Bela	000 76	0 16 10	95 07 2	976 97	0 0 9 0 0	- - - 04												3
	Ormara	000 79	1 25 24	94 07 3	981 85	1 5 6 0 0	5 × × 37	000 79	5 25 18	96 07 1	987 83	5 5 6 0 0	6 3 2 81	—	—	0	- 0.1	2.7	6
	Pasni	000 77	0 28 12	98 00 0	981 86	0 0 9 0 0	× 4 4 89	000 74	0 25 05	96 00 0	089 88	0 0 9 0 0	× 3 3 79	3	+ 1	0	- 0.4	4.3	6
	Jiwani																		4
SIND	Reti	000 87	0 18 14	95 06 4	023 12	0 0 9 0 0	9 × × 18	000 77	0 18 16	95 06 4	954 89	0 0 9 0 0	2 × × 81	—	—	—	—	—	—
	Jacobabad	000 49	0 15 05	96 00 0	900 11	0 0 9 0 0	- - - 16	000 70	0 09 07	96 05 0	942 87	0 0 9 0 0	- 84	+ 7	- 1	0	0.5	0.5	4
	Sukkar	000 72	0 20 08	95 00 0	008 11	0 0 9 0 0	- - - 11	000 71	0 20 08	96 05 1	987 84	0 0 9 0 0	9 × × 81	—	—	0	—	0.5	4
	Pad Idan	000 68	3 23 13	98 01 1	018 13	× × × × ×	- - - 14	000 75	4 18 09	97 01 1	924 87	0 0 9 0 0	9 9 × 68	—	—	0	—	0.1	-
	Karachi (Manora)	000 76	5 25 18	96 02 2	993 86	5 6 4 0 0	- - - 89	000 76	3 25 18	96 02 2	988 83	8 6 4 - -	6 3 4 82	0	+ 1	0	- 1.6	0.0	4
	Karachi (A. P.)	000 74	5 25 23	94 07 1	997 88	5 6 5 0 0	- - - 90	000 75	7 26 19	96 50 1	996 83	7 6 4 0 0	- - - 82		—	0		0.1	-
	Badin	000 71	0 27 12	97 30 3	987 92	0 0 9 0 0	- - - 95	000 75	0 27 10	97 00 0	994 85	0 0 9 0 0	- - 83	0	+ 2	0	2.3	0	8
	Nagarparkar																		
	Chhor (Umarkot)	000 89	0 22 21	97 40 8	968 07	0 0 9 0 0	- - - 02	000 78	8 22 19	97 10 8	989 89	× × × × ×	- - - 81	—	—	0	—	0	—
	Hyderabad	000 73	0 23 09	94 07 0	966 68	0 0 9 0 0	- - - 95	000 75	6 23 10	95 07 1	961 86	6 4 1 9 8	- - - 82	- 1	+ 1	0	- 1.8	0.2	7
JUNAGADH	Verawal																		30
AFGHANISTAN	Kabul	000 45	0 02 07	97 00 0	940 82	0 0 9 0 0	- - - 90							—	—		—		12
	Jalalabad							000 69	0 00 00	97 00 0	982 89	0 0 9 0 0	9 × × ××	—	—	—	—	—	—
	Kandahar	000 48	0 00 00	98 03 0	818 00	0 0 9 0 0	- - - 04	000 45	0 00 00	97 00 0	983 72	0 0 9 0 0	- - - 61	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT
FOR THURSDAY THE 12TH JULY, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M O_H$	$W_1 D_H D_M T_n T_n$	Departures 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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21
Arabia	Muscat	000 81	0 29 02	97 00 0	038 85	0 0 9 9 0	- - - 86	000 73	0 00 00	99 00 0	098 89	0 0 9 9 0	x0 0 81	- 9	- 7	0	- 0.1	5.3	4
	Sharjah																		4
	Kuwait	000 xx	0 31 13	95 07 0	038 05	0 0 9 9 0	- - - 09	000 xx	0 00 00	97 00 0	010 99	0 0 9 9 0	- - - xx	— —	— —	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 (6,699-6,718 feet according to latitude).
†† Barometer readings reduced to 5 geodynamic Kilometre (16,049-16,089 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 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 Control, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	YQ $L_a L_a$	$L_o L_o$ 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 $h_s h_s$	O $T_s T_s$ $T_d T_d$	1 $d_w d_w P_w H_w$	SHIP	YQ $L_a L_a$	$L_o L_o$ 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 $h_s h_s$	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	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											**BAY OF BENGAL**										
Sirsa	43 087	756 06	6 35 05	98 15 1	102 80	42 6 49	1 4 000		0 02 76	1 27 22											
Muaffari	43 177	629 06	5 24 13	99 02 0	061 83	50 0 50	8 5 856														
Khosrou	43 108	758 06	8 33 10	98 56 0	097 77	88 8 00	7 8 005		0 51 76	1 52 23											
Jalaganga	43 290	704 06	7 28 10	97 02 1	085 87	82 6 7x	7 3 301		0 02 77	1 27 22											
Jalgawaler	43 187	715 12	8 27 xx	98 03 2	067 84	89 8 00	6 6 xx														
Mozahair	43 175	618 12	6 25 13	98 13	074 88	80 9 27	9 6 520														
Khosrou	43 113	752 12	6 32 13	98 05 0	067 79	68 7 60	7 3 617		0 51 73	1 52 28											
Jalaratna	43 184	707 12	8 26 12	97 91 2	060 82	00 2 88	4 8 721														
Jalganga	43 212	698 12	4 27 10	97 08 1	037 86	43 6 2x	7 8 802		0 02 73	1 26 28											
Flix Rousel	43 075	713 18	6 32 15	98 02 2	120 28	87 4 5	6 6 120		0 02 82	1 28 24											
Khosrow	43 118	749 18	6 34 14	98 03 2	096 80	97 8 00	7 2 300		0 51 76	1 38 25											

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

STATION	TEMP	CODE:—	iiiGG	$P_oP_oP_oT_oT_o$	$T_{do}T_{do}T_{xo}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.	5555	$h_2h_2P_1P_1P_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ 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	29
Karachi ...	789 14	397 28	258 60	854 74	251 86	700 33	210 82	509 53	009 97	392 51	729 94	201 84	909 97	555 55	319 00	262 18	658 09	221 79	767 70	251 12	466 09	100 84	09 884	009 91	144 65

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	10	15	20	25	30	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	10	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 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	18	19	20	21	22	23	24	25	26
Bogra	17 15	17 10	—	—	—	—	—	—	—	—	23 26	23 26	—	—	—	—	21 16	—	—	—	—	—	—	—	—
Dhiri	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22 27	23 44	23 47	—	—	—	—	—	—
Chittagong	19 11	—	—	—	—	—	—	—	—	—	—	19 32	20 36	—	—	—	17 38	16 39	19 39	—	—	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	18 18	21 12	—	—	—	—	—	—	—	—	—	19 14	—	—	—	—	—	19 27	19 27	—	—	—	—	—	—
Daibandi:	—	—	22 10	26 07	31 04	35 07	34 17	05 17	—	—	—	—	—	27 12	22 03	36 03	—	—	—	24 10	38 11	03 11	16 03	36 27	—
Drosh	—	—	—	—	07 02	34 04	35 08	33 18	—	—	—	—	—	—	09 01	08 09	26 10	—	—	—	—	03 10	36 31	29 08	26 07
Fort Sandeman	—	—	—	30 04	29 12	27 14	26 19	25 31	—	—	—	—	—	—	05 04	08 06	27 05	—	—	—	08 02	04 04	24 09	21 15	29 09
Sacobabac	—	—	—	—	—	—	—	—	—	—	—	16 23	19 26	22 25	23 29	22 25	—	16 07	05 05	24 27	25 12	34 04	21 05	48 08	24 09
Thelum	11 09	13 13	12 13	18 10	11 03	29 08	26 19	29 22	29 47	—	—	14 01	12 00	14 11	16 06	30 02	23 06	08 07	12 15	15 07	16 06	09 03	01 09	09 06	04 14
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 32	26 35	26 37	—	—	—	—	—	—	—	—	26 31	26 30	21 30	—	—	—	26 27	27 23	25 27	—	—	—	—	—
Khanpur	24 24	23 25	22 25	21 15	—	—	—	—	—	—	—	—	—	—	—	—	—	20 19	22 18	24 10	27 10	27 13	25 05	—	—
Lahore	19 10	15 05	15 08	17 05	10 04	15 09	30 13	—	—	—	—	09 10	11 13	14 09	23 04	24 12	—	22 10	23 17	—	—	—	—	—	—
Multan	21 10	22 13	30 08	27 04	27 05	29 07	29 15	—	—	—	—	—	35 00	31 09	27 13	26 15	24 15	19 13	21 27	25 13	—	—	—	—	—
Peshawar	—	11 07	09 08	31 05	30 13	27 15	27 13	31 10	—	—	—	—	—	—	—	22 07	29 07	—	23 04	30 08	31 10	29 10	29 31	27 29	—
Quetta	—	—	—	—	29 03	29 08	35 16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21 06	30 16	34 10	34 33
Veraval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

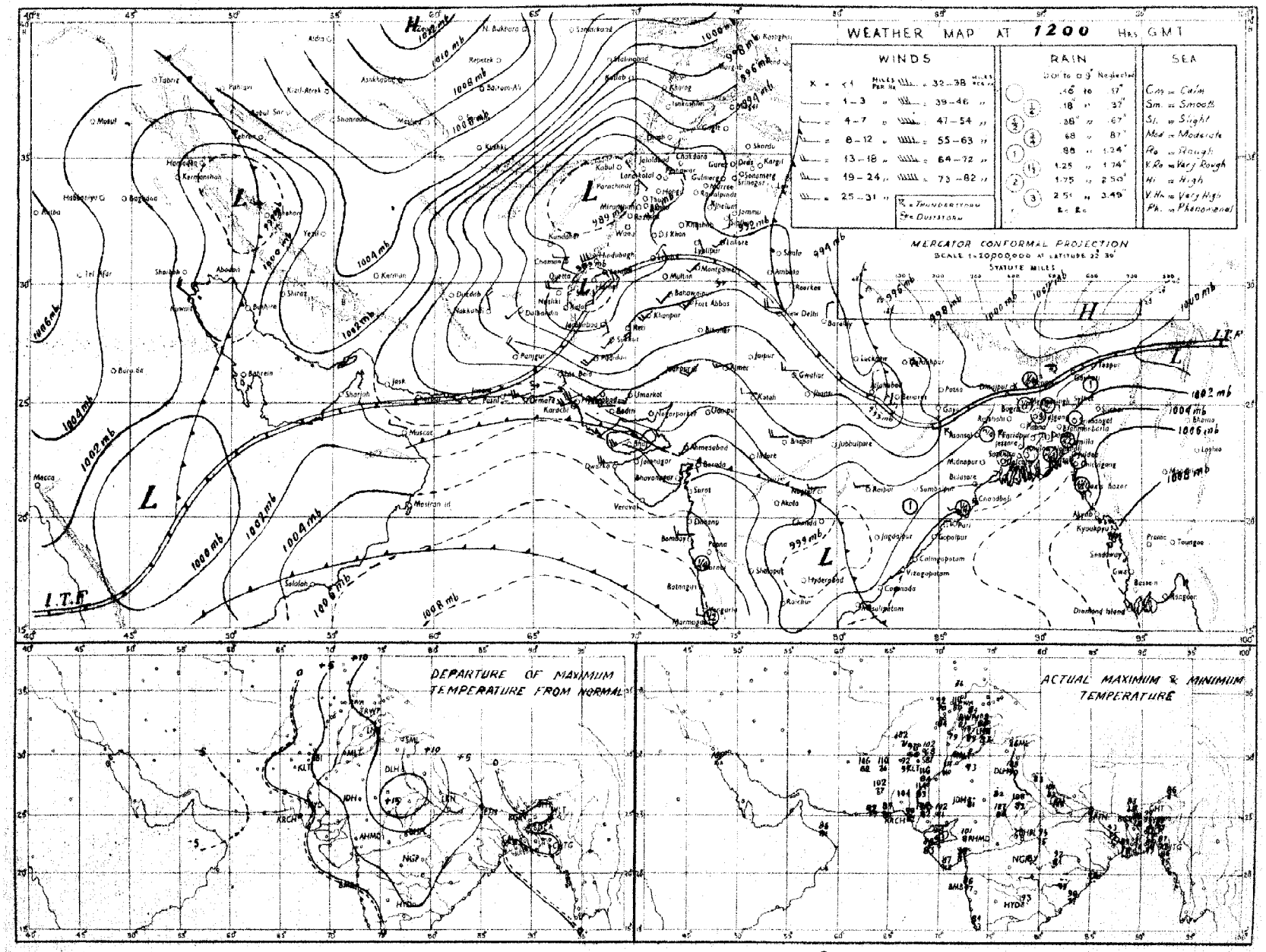
Cloud Observation Data (iiiGG Cddv, v.)

* 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.

M. F. 9

PAKISTAN DAILY WEATHER MAP

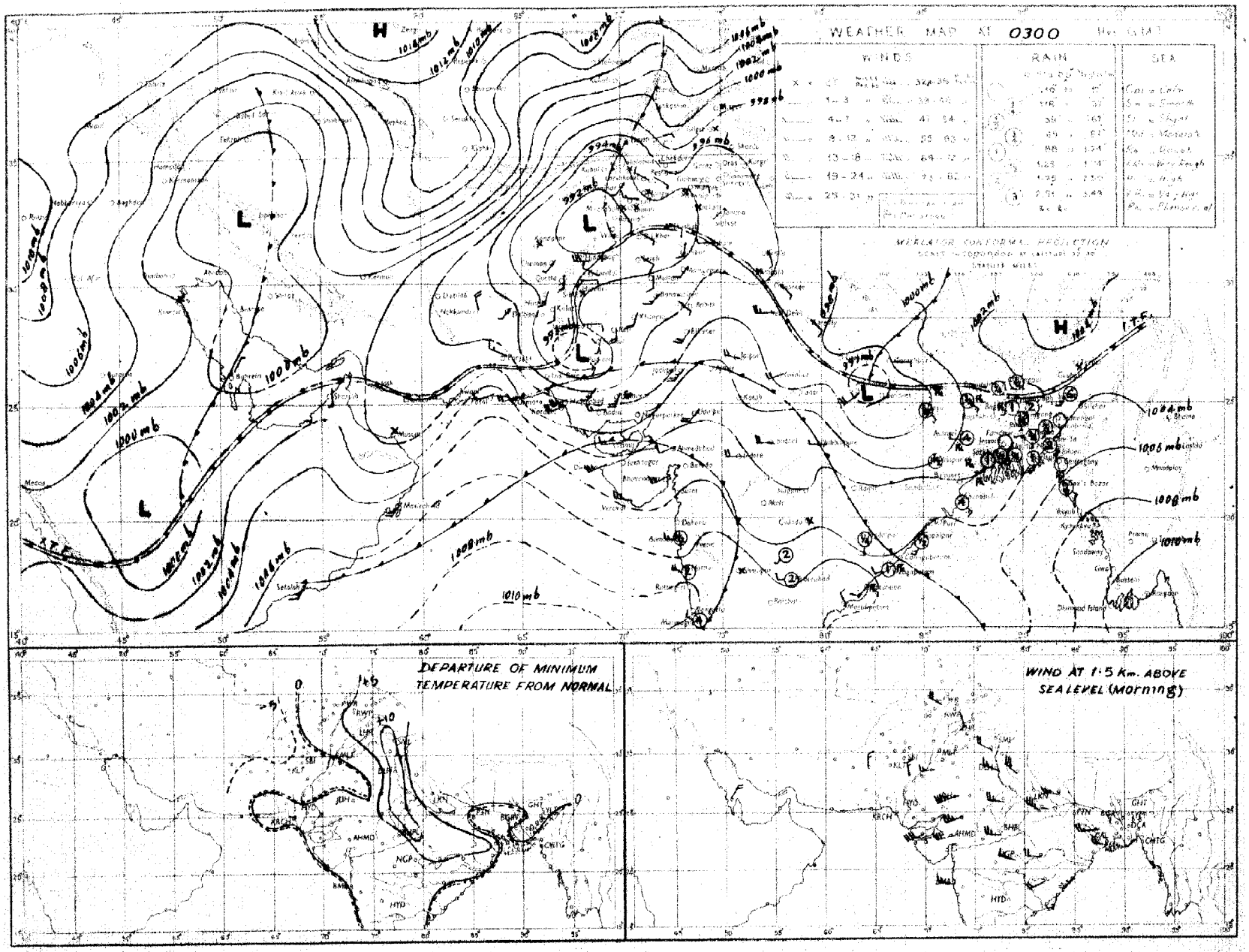
WEDNESDAY 11th JULY 1951



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 12th: JULY. 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-1467

FOR FRIDAY, THE 13TH JULY, 1951

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

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

A low presssure wave is moving eastwards across Kashmir and adjoining north Punjab. Another low pressure wave is bordering the North-West Frontier Province.

Fairly widespread rain has occurred in East Pakistan. Local thunderstorms/showers have occurred in the upper North-West Frontier Province and the extreme north Punjab. Duststorms/dust-raising winds have also occurred elsewhere in West Pakistan.

Chief amounts of rainfall are :—Chittagong 5" ; Cox's Bazar, and Comilla, 3" each ; Jessore 2" ; Srimangal 1½" ; Murree, Brahmanbaria and Mymensingh 1" each ; Faridpure, Barisal, Jhelum and Khushab ½" each ; and Rangpur ½" each.

Day temperatures were appreciably to markedly above normal in the extreme north Punjab and the North-West Frontier Province and generally appreciably below normal in East Pakistan.

Forecast valid until the evening of 14th :—Fairly widespread rain/thunderstorms will occur in East Pakistan, Kashmir, the north Punjab and the upper North-West Frontier Province. Scattered dust/thunderstorms will also occur in the lower NorthWest Frontier Province and the south Punjab and scattered duststorms/dust-raising winds in Sind and Baluchistan.

Karachi-11.
The 13th July, 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	267 74	8 18 09	93 62 6	052 75	2 6 4 2 0	9 - × 84	287 79	7 18 03	96 03 6	066 83	2 6 7 2 0	9 × 75	- 2	2	43 6	- 2.3	53.3	140
	Chittagong	066 76	8 13 18	94 62 6	040 76	8 6 4 0 0	8 × × 84	484 70	8 16 13	96 01 6	052 79	6 6 5 2 -	9 - × 74	- 2	- 3	40.5	+ 9 7	70.3	108
	Comilla	072 76	8 19 09	98 03 6	017 79	8 4 7 0 0	6 - 79	286 80	8 18 13	98 03 6	038 81	8 5 7 0 0	8 0 0 77	- 9	0	37 8	+12.7	43.0	118
	Brahmanbaria	040 77	8 18 02	96 02 6	013 80	8 4 4 0 0	4 84	077 79	8 18 09	97 03 1	036 81	8 0 7 2 -	0 × 0 78	—	—	22.3	+ 3.4	32.2	94
	Dacca	000 78	8 23 03	96 02 2	999 84	4 5 5 2	9 × 85	××× 75	8 25 09	96 02 6	032 80	1 8 5 2 -	8 - × 77	—		—	—		78
	Narayanganj	000 78	8 18 02	95 98 2	001 83	0 0 9 0 7	9 × 86	049 76	8 07 03	97 60 6	035 79	3 5 5 2 -	9 × 78	- 3	1	32.6	+14 7	51.7	74
	Mymensingh	087 79	8 00 00	97 02 6	997 83	8 4 7 1 -	- × 87	087 78	8 09 02	99 02 2	028 81	8 4 7 - -	- - - 78	+ 1	0	26 1	+ 1.7	34.4	91
	Srimangal	092 75	8 18 03	93 16 6	012 76	8 0 8 2	4 - 5 67	128 76	8 18 05	97 02 6	034 78	8 5 7 - -	9 × × 76	3	0	27.8	+ 2.9	56 7	99
	Khulna	000 79	8 23 02	97 03 2	003 82	6 6 7 0 0	- - - 88	207 71	8 00 00	96 65 2	047 73	8 7 6 - -	0 × × 73	0	- 5	15 3	- 3.3	21 9	68
	Satkhira	009 75	6 23 02	97 02 6	007 79	7 9 6 6 0	9 × 87	009 71	8 13 03	97 50 1	039 76	8 9 6 6 9	9 × 76	1	- 2	9.7	- 8 3	18 3	65
	Jessore	009 77	8 18 05	96 02 6	002 78	8 8 6 - -	2 89	172 71	8 00 00	95 61 6	041 78	8 7 6 - -	8 - 72			13 6	3 5	20.7	65
	Faridpur	003 77	8 18 09	97 02 5	993 82	5 4 6 1 0	5 - × 85	043 73	7 09 09	95 61 6	032 74	8 6 5 0 0	2 × × 74	8	4	20 5	+ 2 5	27 9	71
	Barisal	034 77	8 18 03	97 02 6	015 81	3 7 5 2 -	6 × 88	038 80	8 18 07	97 03 6	038 83	4 7 5 2 6	5 × × 75	+ 1	- 1	22 5	+ 1.0	32.2	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	030 84	8 13 04	98 02 2	980 84	8 4 7 - -	- - - 86	034 76	8 18 03	98 56 6	023 76	8 7 5 - -	1 0 0 74	- 2	4	26.7	+ 9.3	37.2	64
	Bogra	000 77	8 23 02	96 03 1	986 85	6 6 5 0 0	- - - 88	012 75	8 23 03	96 03 6	017 79	5 6 4 2 0	- - - 77	1	- 2	25 8	+ 7.0	32.7	69
	Dinajpur	000 76	8 00 00	97 02 2	992 83	8 4 7 -	- 84	016 79	8 00 00	97 02 2	015 80	8 4 7 0 0	9 - - 79	- 5	+ 1	21.5	+ 0.5	25.7	72
	Rangpur	028 ××	8 00 00	96 02 6	—	8 5 8 - -	- - - ××	080 ××	8 00 00	96 02 5	—	6 5 8 0 0	- - - +		—	36.8	+10.9	46.4	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 84	0 25 04	95 05 4	908 01	0 9 - 0	9 × × 01	000 75	8 05 07	92 97 3	012 85	8 7 8 - -	- - - 83	- 1	+ 1	1.0	- 1.5	5.2	12
	Lahore	000 70	9 18 05	94 06 9	015 99	9 × - -	- - - 02	000 64	8 05 02	96 05 1	976 97	2 5 6 4 -	- - × 60	+ 2	0	1.8	- 2.1	5.8	19
	Sialkot	000 78	0 18 02	97 00 1	013 02	0 0 9 0 0	- - - 04	000 67	7 27 06	97 03 9	980 82	5 2 6 6 0	- - × 79	+ 6	- 1	1.8	- 5.1	6.7	32
	Jhelum	000 79	0 23 02	95 05 0	899 02	0 0 9 0 0	- - - 06	048 73	8 31 02	95 61 9	009 74	4 6 6 2 -	- - × 73		—	4.5	—	14.0	—
	Rawalpindi	000 61	6 09 02	92 03 9	929 00	6 2 7 0 0	4 × × 08	014 69	8 00 00	96 00 9	014 76	8 3 6 0 0	- - - 76	+ 10	- 1	2.7	- 2.8	13.5	36
	Murree †	024 56	2 31 03	97 01 9	907 75	2 1 4 0 0	4 × × 79	069 54	8 13 02	97 03 9	920 62	8 5 5 - -	- - - 60	+ 5	+ 1	6.6	2.1	29.3	60
	Attock	××× ××	3 36 05	98 00 0	—	3 × 7 0 0	- - - —	××× ××	4 23 09	97 20 3	—	4 4 7 0 0	- - - ××		—	—		—	—
	Khushab	000 83	0 20 05	97 00 9	903 06	0 0 9 0 0	- - - 07	081 72	8 07 05	97 01 6	025 72	8 2 7 × ×	- - - 71	+ 4	- 11	1.7	- 1.8	7.4	15
	Montgomery	000 73	8 23 02	96 03 2	911 01	0 0 9 0 7	9 0 × 02	000 70	8 23 07	96 03 2	978 89	0 0 9 0 7	- × 85	- 1	+ 1	1.5	- 0.7	5.2	10
	Leiah	000 98	2 23 03	97 01 0	002 04	0 0 9 0 2	- - - 06	000 78	2 31 05	97 02 5	985 80	0 0 9 6 0	- × 77	—	—	0	—	5.7	8
	Multan	000 78	2 23 02	96 01 1	008 03	0 0 9 7 0	6 - 9 64	000 78	0 23 02	95 06 1	974 89	0 0 9 0 0	- - - 89	+ 2	+ 4	0.3	1.0	3.3	7
	Khanpur	000 90	0 23 05	94 07 0	008 02	0 0 9 0 0	- - - 05	000 79	0 21 03	94 07 0	970 85	0 0 9 0 0	- - 88	2	0	0.2	1 0	1.9	6
	Bahawalpur	000 72	0 23 02	97 00 0	906 05	0 0 9 0 0	- - - 05	000 78	0 23 04	97 00 0	970 86	0 0 9 0 0	- - - 88	+ 2	- 1	0	1.1	3 1	8
	Fort Abbas	000 87	0 23 05	96 00 0	912 03	0 0 9 0 0	0 × × 04	000 88	0 28 03	96 00 0	970 89	0 0 9 0 0	- - - 76		—	0.3	—	1.2	8
N. W. F. P.	Drosh *	000 29	5 25 05	99 02 1	821 93	5 2 6 0 0	7 × × 09	000 43	1 00 00	95 01 1	893 78	1 5 7 0 0	- - - 72	+ 3	- 1	0.3	—	20.5	18
	Chakdara	000 57	0 00 00	99 00 0	891 99	0 0 0 0 0	- - 03	000 12	8 00 00	98 02 0	982 79	8 5 6 0 0	- - 75		—	0.2	—	12.5	—
	Cherat *	000 56	7 00 00	97 03 1	850 94	0 0 9 7 0	3 × 6 06	000 64	7 18 10	96 02 2	913 89	0 0 9 7 0	- - × 68	+ 7	- 3	0.7	- 1.8	22.8	29
	Peshawar	000 51	7 16 02	96 02 1	893 03	3 9 6 7 0	- - - 96	000 66	8 16 05	96 03 9	964 86	5 3 6 2 -	9 - 6 80	+ 4	0	0.2	- 0.5	7.5	14
	Parachinar	000 56	5 19 02	97 02 2	900 75	2 2 7 6 0	5 × 7 09	000 60	6 31 02	99 02 1	902 69	3 1 6 6 0	- - × 64	+ 2	- 2	2.7	+ 1 1	20 5	29
	Miranshah	000 57	3 11 11	96 00 0	875 94	3 5 6 4 4	- - - 94	000 68	0 00 00	95 00 1	899 74	0 0 0 0 0	- - - 63	—	—	0.7	- 0.9	7.6	18
	Bannu	000 61	9 36 03	95 09 3	921 92	9 0 - -	- - 06	013 70	8 00 00	95 50 5	995 74	8 5 8 - -	- - - 74	—	—	0.6	—	5.9	11
	D. I. Khan	000 76	8 11 02	94 02 2	905 07	6 8 × 0 0	0 × 6 11	000 74	5 02 04	95 09 1	985 79	0 0 9 8 0	- - × 71	+ 7	12	0.6	1.0	3 3	9
	Wana																		11
	Landikotal	000 78	8 12 06	97 02 9	841 93	8 5 6 0 0	- - - 98	000 70	8 06 03	95 02 2	907 79	9 8 5 - -	- - - 75		—	0.2	—	9.8	—
	Hangu	××× ××	0 00 00	87 00 0	—	0 0 9 0 0	- - - —	××× ××	8 00 00	97 08 3	—	0 0 9 2 0	- - ××		—	—	—	—	—
	Thal	××× ××	× 36 13	98 60 6	—	× - × - -	- - - ××	××× ××	8 18 09	98 03 1	—	3 8 8 2 1	- 9 9 —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 52	2 18 09	96 07 3	836 96	2 5 6 0 0	1 × × 03	000 53	0 05 03	93 45 4	867 75	0 0 9 0 0	- - - 80	+ 3	- 6	0	- 1.5	5.9	11
	Hindubagh	000 41	0 25 12	97 00 0	872 92	0 0 9 0 0	- - - 96	000 23	0 05 10	98 00 0	900 80	0 0 9 0 0	- - - 61	—	—	0	—	3.3	—
	Loralai	000 64	0 18 09	96 00 0	831 07	0 0 9 0 0	- - - 99	000 46	0 00 00	96 00 0	870 80	0 0 9 0 0	- - - 71	—	—	0.1		6 5	—
	Harnai (a)	000 ××	0 09 05	95 00 0	—	0 0 9 0 0	- - - —	000 ××	0 31 02	94 00 0	—	0 0 9 0 0	- - - ××		- -	0	- 1.5	5.8	14
	Sibi	000 65	0 18 13	98 00 0	879 11	0 0 9 0 0	- - - 12	000 78	0 23 05	97 00 0	015 91	0 0 9 0 0	- - - 89	—	—	0	—	1.5	5
	Quetta †	000 38	0 29 07	94 05 0	835 92	0 0 9 0 0	- - - 94	000 61	0 00 00	98 10 0	891 72	0 0 9 0 0	- - - 58	—	—	0	- 0 2	8.5	9
	Chaman	000 73	0 21 05	97 00 0	830 98	0 0 9 0 0	- - - 98	000 57	0 22 03	97 00 0	877 77	0 0 9 0 0	- - 70	- 4	- 6	0	0	9.6	9
	Nushki	000 42	0 29 16	96 00 4	900 05	0 0 9 0 0	- - - 05	000 58	9 20 12	94 05 4	930 79	9 - 0 - -	- - - 74		—	0	—	5.4	4
	Dalbandin *	000 37	0 23 07	94 05 0	855 08	0 0 9 0 0	- - - 10	000 48	0 23 10	94 05 0	875 81	0 0 9 0 0	- - - 75	+ 1	- 3	0	0	1.8	4
	Nokkundi	000 60	0 34 18	96 07 1	912 05	0 0 9 0 0	9 × × 05	000 66	0 34 24	96 07 1	953 87	0 0 9 0 0	- - - 83	—	—	0	—	0.9	2
	Kalat †	000 70	0 32 05	98 00 0	897 86	0 0 9 0 0	- - - 91	000 59	0 18 05	98 00 0	907 71	0 0 9 0 0	- - - 57	0	- 5	0	- 0.5	9.0	7
	Turbat																		—
	Panjgur *	000 24	0 21 16	94 05 0	873 99	0 0 9 0 0	- - - 02	000 28	0 31 02	97 00 3	891 85	0 0 9 0 0	- - - 77	- 1	0	0	—	3.3	5
	Las Bela																		3
	Ormara	000 76	4 25 18	95 07 1	944 88	4 5 6 0 0	- - - 88	000 79	7 25 13	94 05 1	972 88	7 5 6 0 0	- - - 82	—	—	0	- 0 1	2.7	6
	Pasni	000 80	0 23 11	94 09 4	940 87	0 0 9 0 0	- - - 90	000 90	8 25 05	86 08 1	972 94	8 5 5 - -	- - - 80	2	+ 2	0	- 0.4	4.2	6
	Jiwani																		4
SIND	Reti	000 80	0 16 12	96 00 0	905 09	0 0 9 0 0	- - - 10	000 77	0 18 07	96 00 0	971 84	0 0 9 0 0	- - 82	—	—	0	—	0.6	—
	Jacobabad	000 76	0 16 14	95 05 0	888 09	0 0 9 0 0	- - - 10	000 73	0 00 10	96 00 0	953 86	0 0 9 0 0	- - - 83	+ 1	- 2	0	0.6	0.5	4
	Sukkur	000 71	0 20 02	95 05 1	891 10	0 0 9 0 0	- - - 10	000 74	0 16 08	95 05 1	945 88	0 0 9 0 0	- - - 81	—	—	0	—	0.5	4
	Pad Idan	000 66	7 18 05	97 03 1	898 12	0 0 9 0 8	- - - 18	000 72	7 18 18	97 03 1	928 85	0 0 9 0 8	- × 80	—	—	0	—	0.1	—
	Karachi (*Manora*)	000 79	3 23 09	96 01 1	954 85	8 6 4 0 0	- - - 87	000 77	7 25 09	95 05 2	978 83	7 6 4 0 0	- - - 81	2	0	0	- 1 8	0	3
	Karachi (*A. P.*)	000 74	6 25 21	96 07 5	956 86	6 5 5 0 0	- - - 90	000 78	3 25 12	96 03 1	983 84	8 6 4 - -	- - 78		—	0		0.1	—
	Badin	000 73	0 23 12	97 80 3	947 93	0 0 9 0 0	- - - 95	000 77	6 28 10	97 03 3	988 86	0 0 9 7 0	8 - 5 82	0	+ 1	0	2.3	0	9
	Nagarparkar																		
	Chhor (*Umarkot.*)	000 89	7 20 17	97 40 9	933 96	0 0 9 0 7	- - - 99	000 77	0 20 21	97 00 5	964 87	0 0 9 0 0	- - - 81	—	—	0	—	0	—
	Hyderabad	000 74	0 23 10	96 07 0	934 94	0 0 9 0 0	- - - 90	000 78	6 23 14	96 07 0	943 86	5 1 4 0 0	- - - 81	+ 1	0	0	- 1.5	0.3	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 32	1 02 07	98 01 0	824 85	1 8 8 0 0	- - - 89							—					12
	Jalalabad	000 80	2 00 00	97 01 0	978 04	0 0 9 0 0	- - - 07	000 70	7 00 00	98 08 1	985 82	0 0 9 0 8	9 9 - 79	—	—	0.5	—	6.8	—
	Kandahar	000 51	6 00 00	98 09 0	801 97	0 0 9 0 0	- - - 01	000 60	0 00 00	97 00 0	834 73	0 0 9 0 0	- - - 60	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY THE 13TH JULY, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_gT_d	N dd	VVwwW	PPPTT	$N_hC_lhC_MC_H$	$W_1D_HD_MT_XT_X$	At 0300 Hrs. G. M. T. of date. RRR T_gT_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 '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:	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	6
	Jask	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	6
	Mashed	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	10
	Bushire	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	13
Arabia	Muscat	000 69	0 31 09	99 00 0	988 97	0 0 0 0 0	- - - 97	000 79	0 27 05	99 00 0	986 98	0 0 0 0 0	- - - 89	+ 2	+ 1	0	- 0.1	2.2	4
	Sharjah	000 ××	0 31 15	95 07 3	991 05	0 0 0 0 0	- - - 05	000 ××	0 00 06	96 00 0	970 93	0 0 0 0 0	- - - ××	-	-	0	-	1.5	4
	Kuwait																		4

* 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 Control, 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_a	L_oL_o GG	N dd ff	VV wwW	PPP TT	N_hC_L h C_MC_H	D_s v_s app	8 N_s C $h_sh_sh_s$	O $T_ET_ET_dT_d$	1 $d_Wd_WP_WH_W$	SHIP	YQ L_aL_a	L_oL_o GG	N dd ff	VV wwW	PPP TT	N_hC_L h C_MC_H	D_s v_s app	8 N_s C $h_sh_sh_s$	O $T_ET_ET_dT_d$	1 $d_Wd_WP_WH_W$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Khorou	58 128	741 06	7 35 04	98 02 1	089 82	57 8 70	7 2 309		0 00 76	1 35 23											
Felix Roussel	58 078	683 06	8 27 15	97 35 6	138 79	47 1 21	6 5 117		0 56 72	1 27 24											
Jaljawahar	58 184	677 06	5 28 17	97 02 1	070 82	50 6 69															
Dwarka	58 218	688 06	3 26 19	98 03 1	020 86	53 6 02	5 5 107		0 09 78												
Jaljawahar	58 180	663 12	6 28 17	98 02 2	058 84	60 6 68	6 5 ××														
Jalaratna	58 152	786 12	8 28 10	98 02 2	052 82	63 6 28															
Dwarka	58 196	718 18	3 26 11	98 01 1	039 85	57 4 00	3 5 103		0 02 78												
Jaljawahar	58 179	650 18	7 26 25	97 02 2	057 82	73 6 60															
Felix Roussel	58 080	699 18	3 26 14	98 02 3	120 81	53 4 07	6 5 209		0 54 23	1 26 23											
Bixwani	58 208	611 18	6 23 19	98 02 2	028 84	61 5 00															

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoXtX2	PtPththt	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	29
Karachi ...	780 14	994 28	245 60	864 59	251 58	700 19	200 53	509 25	029 94	302 28	699 91	201 21	949 97	555 56	199 35	261 41	299 09	241 93	398 71	241 73	648 08	270 09	436 00	135 12	084 70

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 (Hdddff)*

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	18	19	20	21	22	23	24	25
Bogra	25 09	25 11	24 24	- - -	- - -	- - -	- - -	- - -	- - -	- - -	21 22	23 29	24 25	- - -	- - -	- - -	23 77	24 27	27 31	- - -	- - -	- - -	- - -	- - -
Chhor	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	22 86	23 38	23 38	- - -	- - -	- - -	- - -	- - -
Chittagong	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	17 18	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Cox's Bazar	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	17 21	18 24	19 18	- - -	- - -	- - -	- - -	- - -
Dacca	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	24 19	24 20	26 21	- - -	- - -	- - -	- - -	- - -
Dalbandin	- - -	- - -	26 05	26 07	25 03	23 10	26 25	01 30	- - -	- - -	- - -	- - -	- - -	28 12	31 21	32 15	- - -	- - -	- - -	24 17	26 21	29 18	- - -	- - -
Drosz	- - -	- - -	- - -	- - -	21 08	21 06	24 06	27 08	28 17	- - -	- - -	- - -	- - -	- - -	05 11	05 15	05 08	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Fort Sandeman	- - -	- - -	- - -	24 04	24 08	21 11	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	04 10	02 20	- - -	- - -	- - -
Jacobabad	16 07	18 06	18 06	23 08	23 09	20 07	23 12	- - -	- - -	- - -	17 16	20 15	01 11	22 11	- - -	- - -	18 09	05 03	06 04	27 01	10 07	29 06	- - -	- - -
Jheum	11 13	12 20	18 18	13 07	25 02	28 02	30 13	29 19	- - -	- - -	08 03	10 24	11 56	15 06	23 06	21 11	27 13	27 23	26 19	25 14	25 18	07 19	- - -	- - -
Jiwani	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Karachi	25 19	26 27	25 28	- - -	- - -	- - -	- - -	- - -	- - -	- - -	26 24	25 23	- - -	- - -	- - -	- - -	25 25	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Khanpur	19 18	19 14	21 18	- - -	- - -	- - -	- - -	- - -	- - -	- - -	19 21	20 19	22 17	- - -	- - -	- - -	19 12	20 14	22 04	08 13	02 06	- - -	- - -	- - -
Lahore	19 02	19 02	20 04	- - -	- - -	- - -	- - -	- - -	- - -	- - -	09 09	08 21	08 20	10 14	- - -	- - -	11 05	12 21	13 20	12 17	- - -	- - -	- - -	- - -
Multan	20 15	17 12	16 09	14 12	13 07	- - -	- - -	- - -	- - -	- - -	11 06	18 04	20 09	24 07	27 09	19 12	20 10	21 11	23 09	17 05	- - -	- - -	- - -	- - -
Peshawar	-	04 09	02 08	24 08	20 09	22 10	24 21	25 25	- - -	- - -	- - -	19 19	19 38	12 39	- - -	- - -	- - -	20 09	19 15	15 14	19 09	- - -	- - -	- - -
Quetta	- - -	- - -	- - -	- - -	25 12	24 10	28 12	34 18	38 13	38 08	- - -	- - -	- - -	- - -	10 05	08 08	- - -	- - -	- - -	- - -	19 03	28 10	28 09	- - -
Veraval	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Sharian	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -

Cloud Observation Data (iiiGG Cddv, v,)

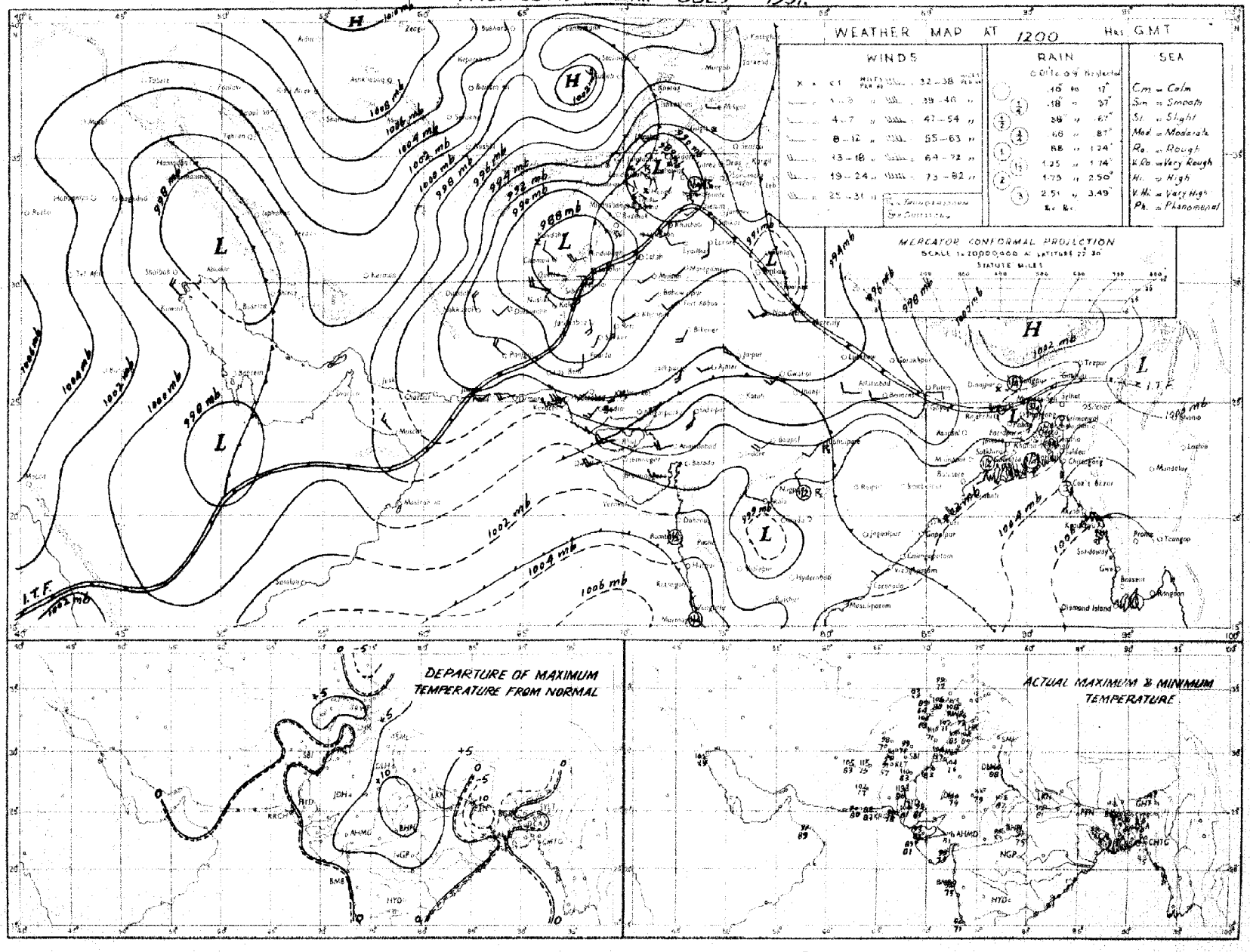
Peshawar 58008 426xx

* 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, 0.5, 0.9, 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 the nearest equivalent levels in thousands of ft.

E. P. W.

PAKISTAN DAILY WEATHER MAP

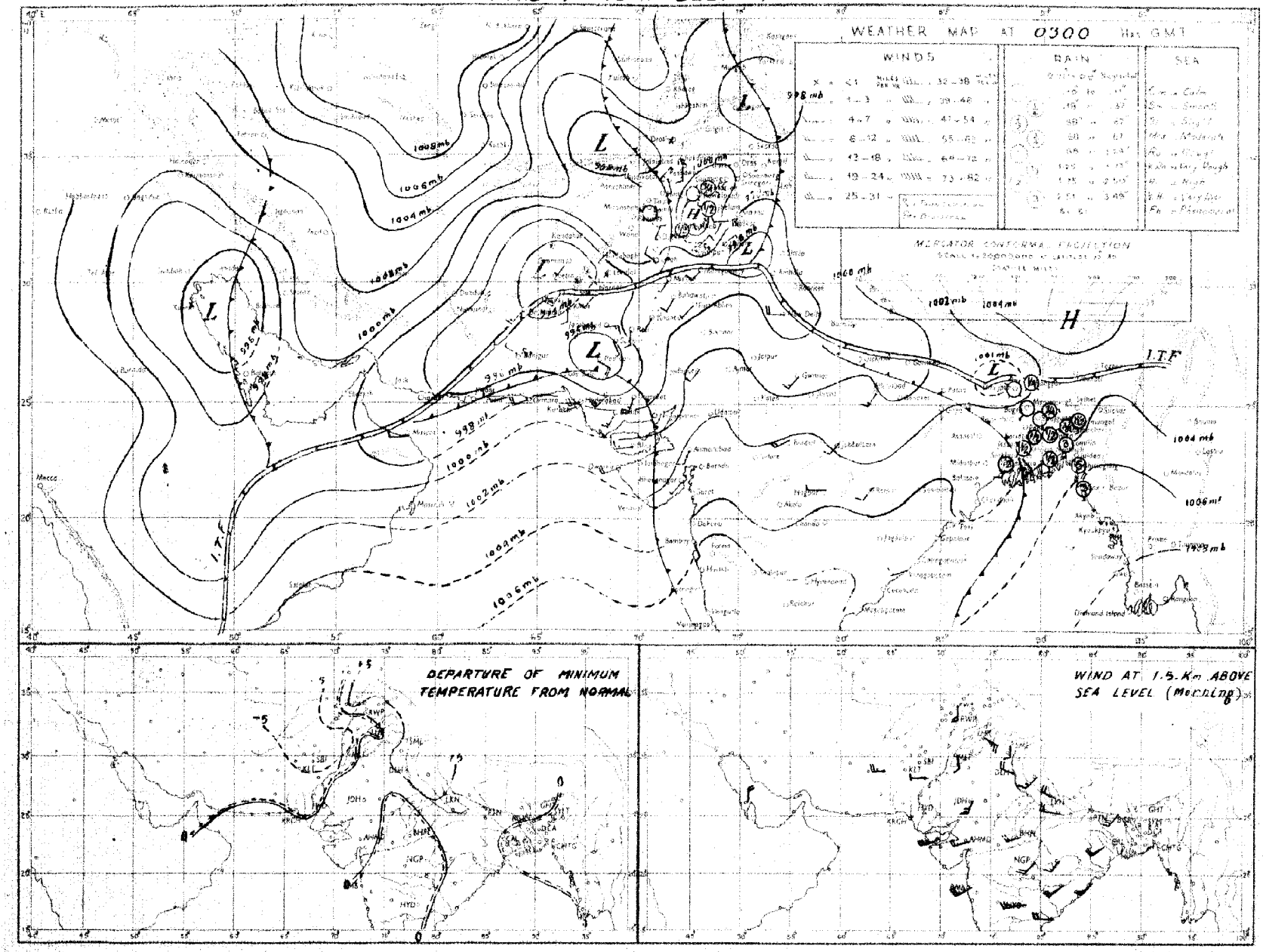
THURSDAY 12th. JULY 1951.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 13th JULY 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-1467

FOR SATURDAY, THE 14TH JULY, 1951

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

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

The low pressure wave ove Kashmir moved away eastwards.

The low pressure wave bordering the North-West Frontier Province is now moving across Kashmir and the adjoining North-West Frontier Province, its associated cold front is running across the Punjab to upper Sind.

A low lies over northwest Rajputana and adjoining upper Sind.

Seasonal low extends from Baluchistan to Iran and is accentuated over Baluchistan.

Fairly widespread rain/thundershowers have ocourred in East Pakistan, the north Punjab and the upper North-West Frontier Province, and scattered dust/thunderstorms in the south Punjab. A few Thundershowers have occurred in nortneast Baluceistan and upper Sind. Dust raising winds have also been reported from Baluchistan and Sind.

Chief amounts of rainfall are :—Rangpur 3", Comilla 2", Barisal 1", Chittagong and Satkhira ¾" each; Narayanganj, Srimangal, Khulna, Dinajpur, Lahore, and Harnai ½" each and Cox's Bazar, Brahmanbaria and Sialkot ¼" each.

Day temperatures were considerably below normal in plains of the Punjab and northeast Baluchistan and appreciably to morkedly below normal elsewhere over the country.

Forecast valid until the evening of 15th :—Fairly widespread rain/thundershowers will occur in East Pakistan, Kashmir, and the Punjab. Local thunderstorms/showers will occur in the North-West Frontier Province, Sind, and northeast Baluchistan. Scattered duststorms/dustraising winds will also occur in the south Punjab, Baluchistan and Sind.

Karachi-11.
The 14th July, 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	035 74	8 00 00	93 61 6	052 75	1 8 6 2 0	9 × 0 50	035 76	8 18 03	96 60 6	081 81	8 5 7 2 0	9 × 0 72	- 8	6	44.0	- 2.9	58.7	140
	Chittagong	078 78	6 20 06	96 02 6	038 76	6 6 5 2 -	4 × × 84	078 74	6 18 03	97 02 1	067 81	6 8 5 0 0	- - - 75	- 2	- 2	41.8	+ 9 9	71.0	108
	Comilla	210 75	8 23 09	98 03 6	032 76	8 5 7 0 0	7 0 0 ××	210 76	8 18 09	98 03 1	061 79	8 5 7 - -	3 0 0 76	—	1	39 4	+14.4	45.1	118
	Brahmanbaria	028 75	8 00 00	96 02 6	031 76	× 7 4 0 0	4 × × 83	023 76	7 18 06	97 03 1	066 82	7 0 7 2 0	74	—	—	22 5	+ 2 9	32.6	84
	Dacca	××× 75	8 20 08	96 02 6	019 78	6 5 6 2	2 × × 80	××× 81	8 20 03	97 02 6	050 83	6 6 3 4 -	8 × × 75	—		—	—	—	75
	Narayanganj	055 75	8 18 08	95 93 6	018 77	0 0 8 0 7	9 0 × 79	055 79	8 18 03	95 03 6	045 85	8 5 5 - -	9 × × 76	- 10	- 3	33.1	+14 8	52.2	74
	Mymensingh	060 79	8 09 02	99 02 2	018 83	8 4 7 - -	85	003 77	8 09 03	99 02 5	040 80	8 4 7 0 4	6 × × 77	- 3	1	26 1	+ 1.0	24.4	82
	Srimangal	049 75	8 18 02	93 61 6	031 75	8 5 6 - -	7 1 1 55	046 75	7 09 03	97 09 6	061 79	5 8 6 3 0	9 × 2 74	5	- 2	28 3	+ 2.9	57.2	88
	Khulna	055 76	8 23 02	96 03 6	016 79	8 6 6 - -	- - - ××	055 81	7 18 02	97 02 2	055 85	7 5 7 - -	- - - 72	-	6	15 9	- 8.2	22 4	48
	Satkhira	069 80	6 13 02	97 08 6	015 83	5 9 4 6 0	6 0 × 83	069 79	8 23 02	97 02 6	054 89	5 9 6 6 0	9 0 × 75	- 5	3	10.4	- 8 1	18 9	65
	Jessore	012 79	8 23 05	95 02 6	015 80	8 8 6 0 0	9 × × 81	012 80	8 18 05	96 03 2	048 84	8 8 6 - -	- - 72	—		18 7	- 3 7	20.8	65
	Faridpur	049 77	8 08 09	96 02 6	016 79	6 4 6 1 0	9 × × 79	049 81	8 08 09	97 01 2	040 86	6 4 7 1 0	9 × × 78	- 9	5	21 0	+ 2 6	28 3	72
	Barisal	101 72	8 18 05	96 02 6	022 75	3 7 6 2 -	8 × × 84	101 81	8 18 03	97 03 2	059 85	5 2 5 4 7	- - - 76	8	- 4	23.5	+ 1.5	33.2	81
	Pabna																		58
	Rampur Boalia	000 79	8 18 02	99 02 2	011 82	8 2 7	- - - 82	000 82	8 18 05	99 02 2	081 82	6 2 7 - -	- - - 76	- 6	2	26.7	+ 9.0	37.2	56
	Sirajganj																		64
	Bogra	000 80	8 00 00	96 02 1	004 84	8 9 8 2 0	- - - 86	000 80	7 23 05	96 01 1	030 85	6 8 6 6 -	- - - 73	- 3	1	25 8	+ 6.7	32.7	60
	Dinajpur	000 78	9 00 00	97 00 0	004 89	0 0 9 0 0	- - - 90	040 77	8 00 00	97 61 2	037 78	8 4 7 0 0	9 0 0 78	+ 1	0	21.9	+ 0.5	26.1	72
	Rangpur	000 ××	8 07 02	96 03 1	— —	8 5 8	- - - —	219 ××	8 00 00	96 03 S	— —	8 5 7 - -	- - - —		—	38.9	+ 3.0	48 8	94
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Mirgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	043 75	3 00 00	96 01 9	070 77	0 0 9 2 0	9 0 9 85	043 77	4 00 00	96 01 9	011 80	0 0 9 2 0	9 0 0 73	17	9	1.0	- 1.5	5 2	12
	Lahore	067 78	8 09 08	96 29 9	971 77	4 3 7 2	7 × 9 89	067 72	7 00 00	96 02 9	017 81	2 5 8 2 0	0 × 9 72	- 11	- 7	2 2	- 1 6	8 5	19
	Sialkot	043 71	6 10 05	97 03 6	073 83	2 1 6 5 0	- - 83	048 70	3 05 02	97 01 1	014 82	0 0 9 0 4	- - - 70	15	- 10	2.5	4.9	7 1	32
	Jhelum	016 78	3 13 03	96 02 6	980 86	0 0 9 8 0	9 × 9 38	016 74	1 00 00	96 01 1	020 81	0 0 9 2 0	9 × 9 72		—	4.7		14 1	—
	Rawalpindi	000 88	4 10 02	92 01 1	984 90	4 2 7 0 0	- - - 99	000 65	4 00 00	98 01 1	024 83	0 0 9 3 0	- - 73	+ 1	- 4	2 7	- 2.6	18.5	36
	Murree †	000 45	6 17 07	97 02 1	914 67	6 9 4 0 0	9 × × 73	000 53	6 11 09	96 02 1	942 84	0 0 9 5 0	9 × × ××	- 1	—	6.6	2.5	29.2	69
	Attock	××× ××	4 18 09	96 00 0	— —	4 × 6 0 9	- - - —	××× ××	6 05 04	98 00 0	— —	6 0 6 2 0	- -	—		—	-	—	—
	Khushab	000 74	0 11 05	98 00 0	981 87	0 0 9 0 0	- - - 89	000 75	0 07 02	98 00 0	017 83	0 0 9 0 0	- - - 70	- 14	12	1.7	- 1.1	7.4	15
	Montgomery	000 89	8 00 00	96 08 2	971 92	0 0 9 0 7	9 0 × 92	000 76	0 00 00	97 00 0	024 84	0 0 9 0 0	- - - 61	- 11	- 3	1.5	- 0.8	5.2	10
	Leiah	000 82	4 31 03	98 01 1	980 90	0 0 9 6 0	- - - 93	000 78	2 31 00	97 01 1	024 84	0 0 9 3 0	- - - 80	—	—	0	—	5.7	8
	Multan	000 75	9 36 09	95 06 8	977 95	0 0 9 -	9 9 9 96	000 65	0 36 05	96 06 3	017 86	0 0 9 0 0	0 9 9 88	- 6	2	0.3	- 1.1	3 8	7
	Khanpur	000 83	0 05 08	94 05 0	947 02	0 0 9 0 0	- - - 08	000 77	3 36 09	94 30 9	017 83	3 5 7 0 0	1 0 0 83	- 2	0	0.3	- 1 1	1.9	4
	Bahawalpur	000 78	7 23 02	97 03 1	957 99	0 0 9 7 0	8 × 2 99	000 74	2 29 03	97 08 1	015 86	× × × × ×	9 0 0 85	4	+ 1	0	1.2	3 1	5
	Fort Abbas	000 78	0 23 02	96 00 0	965 00	0 0 9 0 0	0 × × 01	000 64	0 23 02	96 00 0	990 95	0 0 9 0 0	- - - 77		—	0.3	—	1.2	8
N. W. F. P.	Drosh *	000 41	8 20 01	97 02 9	883 77	8 5 6 - -	4 × × 89							- 7					10
	Chandara	009 64	8 36 09	99 02 6	025 69	8 5 6 -	2 × × 92	000 61	0 27 03	98 00 0	053 76	0 0 9 0 0	- - 67	—	—	0.3	—	12.8	—
	Cherat *	000 61	0 18 15	97 03 1	003 77	0 0 9 0 0	8 × 6 81	000 61	6 81 10	97 03 2	040 71	0 0 9 8 0	8 × 6 67	8	- 4	0.7	- 2.0	22.8	20
	Peshawar	000 58	7 29 96	98 02 9	972 90	4 9 7 7 0	- - - 94	000 64	5 00 00	96 02 1	027 82	2 8 7 7 0	- 74	- 8	- 6	0.2	- 0.6	7.4	14
	Parachinar	012 55	7 00 00	95 02 2	914 78	2 2 5 6 0	5 × 7 78	015 58	5 00 00	99 01 9	938 69	0 0 9 8 0	9 × 0 80	- 9	6	2 8	- 1 2	20.6	20
	Miranshah	019 64	8 07 03	97 02 6	903 76	8 4 6 5 8	- - - 98	000 65	8 00 00	98 00 0	919 72	9 2 9 2 8	- - - 67	—	—	0.7	- 1 0	7.6	13
	Bannu	000 70	5 31 05	97 02 2	988 82	8 5 8 - -	- - - 93	000 71	7 00 00	98 03 1	022 80	0 0 9 8 0	- - - 74	—	—	0.6	—	5.5	11
	D. I. Khan	000 75	7 16 02	95 02 2	977 90	0 0 9 9 0	0 0 0 90	000 78	0 13 02	95 05 0	008 84	0 0 9 0 0	- - - 78	- 14	11	0.6	1.2	2 3	9
	Wana																		13
	Landikotal	000 51	7 00 00	98 02 6	869 80	7 6 5 0 0	- - - 86	000 56	8 00 00	99 02 2	925 76	8 4 7 0 0	- - - 66	—	—	0.2	—	0.8	—
	Hangu	××× ××	0 00 00	97 00 1	— —	0 0 9 0 0	8 × × —	××× ××	8 00 00	97 03 3	— —	0 0 9 2 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	8 18 09	98 03 1	— —	9 - 0 - -	- - - —	××× ××	5 36 09	98 08 1	— —	8 8 7 1 1	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 35	5 00 00	98 05 9	884 80	5 5 6 0 0	2 × × 82	000 61	8 00 00	98 02 2	902 72	8 7 6 0 0	9 × × 70	18	- 5	0	- 1.5	5.9	15
	Hindubagh	000 37	0 27 10	97 00 0	879 90	0 0 9 0 0	- - - 95	000 57	0 00 00	98 00 0	956 75	0 0 9 0 0	- - - 61	—	—	0	—	8.2	—
	Loralai	000 69	7 23 05	94 08 5	844 89	7 7 5	- - 98	000 65	6 28 05	96 02 2	919 73	6 7 6 0 0	- - - 65	—	—	0.1	—	4 5	—
	Harnai (a)	000 ××	8 09 05	95 02 2	— —	0 0 9 2 5	5 6 6 ××	072 ××	7 11 02	96 00 9	— —	3 6 6 2 0	- - - —	—	—	0.7	- 0.9	9.3	14
	Sibi	000 68	0 13 18	98 00 0	928 05	0 0 9 0 0	- - 06	004 74	6 00 00	97 02 2	018 81	0 0 9 7 0	- - - 79	—	—	0	—	1.8	5
	Quetta †	000 59	3 28 07	94 07 1	865 88	0 0 9 8 0	- - - 93	000 62	0 20 02	97 10 2	928 73	0 0 9 0 0	- - - 65	—	—	0	- 0.2	8.5	2
	Chaman	000 70	0 18 03	97 00 0	850 94	0 0 9 0 0	- - - 97	000 68	0 13 06	97 00 0	907 83	0 0 9 0 0	- - 76	- 5	0	0	0	9.6	4
	Nushki	000 78	0 22 26	94 30 3	909 98	9 0	6 × × 99	000 72	9 11 09	95 05 4	943 86	9 - 0 - -	9 × × 90		—	0	—	5 4	—
	Dalbandin *	000 46	0 18 10	98 07 0	859 03	0 0 9 0 0	03	000 52	0 23 08	94 05 0	890 81	0 0 9 0 0	- - - 72	- 6	- 6	0	- 0.0	1.8	4
	Nokkundi	000 32	0 34 18	97 05 1	908 03	0 0 9 0 0	9 × × 04	000 60	0 34 18	97 07 1	985 89	0 0 9 0 0	9 × × 82	—	—	0		0.9	4
	Kalat †	000 64	0 32 09	98 00 0	895 85	0 0 9 0 0	- - - 88	000 54	0 14 02	88 00 0	985 71	0 0 9 0 0	- - - 61	- 3	- 1	0	0.5	0.0	7
	Turbat	000 87	0 23 16	96 02 0	947 13	0 0 9 0 0	- - - 16	000 79	0 00 00	96 00 0	974 86	0 0 9 0 0	- - - 83	—	—	0	—	1.4	4
	Panjgur *	000 13	0 81 07	97 00 0	878 98	0 0 9 0 0	- - - 98	000 37	0 23 02	97 00 0	911 80	0 0 9 0 0	- - - 70	- 5	7	0	—	3.3	5
	Las Bela																		5
	Ormara	000 77	3 16 09	95 08 0	958 88	3 5 6 0 0	- - - 88	000 75	5 00 00	94 03 0	021 86	6 5 6 0 0	- - - 81	—	—	0	- 0 2	2.7	5
	Pasni	000 80	6 16 07	96 00 0	950 88	0 0 9 0 0	- - - 90							—					6
	Jiwani																		4
SIND	Reti	000 79	0 05 05	98 00 0	948 04	0 0 9 0 0	- - - 05	000 78	3 36 15	96 01 2	030 85	0 0 9 8 0	- - 83	—	—	0	—	0.6	—
	Jacobabad	000 71	0 18 12	95 07 0	928 08	0 0 9 0 0	- - 04	004 80	7 05 05	97 02 6	020 82	0 0 9 2 2	2 × × 77	- 5	- 8	0	0.6	0.5	4
	Sukkur	000 74	0 13 08	95 05 1	925 04	0 0 9 0 0	- - 04	000 74	0 11 08	95 05 1	015 83	0 0 9 0 0	- - - 81	—	—	0	—	0.5	4
	Pad Idan	000 81	0 13 02	98 08 1	897 10	0 0 9 0 8	- - - 11	000 75	3 05 09	98 01 1	006 85	0 0 9 0 8	- - - 83	—	—	0	—	0.1	—
	Karachi (Manora)	000 77	7 25 09	95 03 2	070 86	7 0 4 0 0	- - - 88	000 77	0 25 09	94 10 2	032 84	0 0 9 0 0	- - - 82	- 1	+ 1	0	- 2 0	0	4
	Karachi (A. P.)	000 78	7 25 12	98 02 1	072 87	7 5 5 0 0	- - 90	000 78	1 25 05	96 02 5	020 84	1 0 4 0 0	- - 82	—	—	0	—	0.1	—
	Badin	000 74	6 25 09	97 30 2	986 93	0 0 9 4 0	5 0 5 97	000 75	8 28 10	97 02 2	022 85	0 0 9 7 0	5 0 5 82	+ 2	+ 1	0	2.4	0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 78	0 18 09	97 04 5	960 98	0 0 9 0 0	- - - 02	000 78	0 20 09	97 00 0	017 88	0 0 9 0 0	- - - 80	—	—	0	—	0	7
	Hyderabad	000 75	0 23 09	97 07 0	949 00	0 0 9 0 0	- - - 99	000 75	6 23 07	94 80 0	016 86	0 0 9 0 0	- - - 75	+ 1	- 6	0	- 1.6	0.3	—
JUNAGADH	Veraval																		38
AFGHANISTAN	Kabul														—	0	—		12
	Jalalabad	000 56	2 00 00	97 01 1	917 50	0 0 9 0 1	3 9 × 72	000 49	1 29 02	98 01 0	968 69	0 0 9 1 0	- - - 56	—				0.9	—
	Kandahar	000 47	0 00 00	94 05 4	814 08	9 - 0 - -	- - - 99	000 58	0 05 05	94 05 4	857 79	0 0 9 0 0	- - - 67	—	—	0	—	10 5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY THE 14TH JULY, 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	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_x T_x$	RRR T_dT_d	N dd ff	VVwwW	PPP.TT	$N_h C_L hO_M O_H$	$W_1 D_S D_M T_n T_n$	$T_x T_x$	$T_n T_n$	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
Iran	Charbar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Jask	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
	Mashed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Arabia	Muscat	000 81	0 21 03	99 00 0	961 93	0 0 0 0 0	- - - 99	000 83	0 18 03	98 00 0	978 83	0 0 0 0 0	- - - 88	+ 4	0	0	- 0.1	3.5	4
	Sharjah	000 xx	0 02 03	97 00 0	959 95	0 0 0 0 0	- - - 93	000 xx	0 00 00	97 00 0	962 92	0 0 0 0 0	- - - xx	-	+	0	+	1.5	2
	Kuwait																		

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,499-6,713 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,048.-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 000 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 Control, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	YQ La La	Lo Lo GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	D_s vs spp	8 N_s C hshs	0 $T_x T_n T_d T_d$	1 $d_w d_w P_w H_w$	SHIP	YQ La La	Lo Lo GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	D_s vs spp	8 N_s C hshs	0 $T_x T_n T_d T_d$	1 $d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Jaljawahar	83 178	684 06	4 26 27	97 05 1	033 80	43 7 70	6 5 xxv		0 03 74	1 24 x6											
Empire Hilladale	63 116	605 00	1 24 24	88 01 1	068 80	11 5 00	6 4 610		0 00 74	1 23 23											
Khorsu	63 159	733 06	9 26 09	94 23 0	082 75	9 0 —	8 3 300		0 00 74	1 23 23											
Penang Yaung	83 201	698 06	6 26 20	96 02 1	084 85	85 8 00	7 4 903		0 01 78	1 26 46											
Falaratna	83 187	742 12	8 25 11	97 03 0	094 77	23 6 5															
Jaljawahar	65 177	626 06	4 25 20	96 02 1	042 81	43 7 00															
Dumra	83 215	695 06	7 25 14	98 25 0	092 85	71 5 —	7 5 110		0 02 82	1 26 76											
Danton	73 167	x47 00	8 22 24	97 03 0	037 81	87 5 —	2 x 205		0 00 81	1 22 48											
Empire	73 125	567 00	1 23 35	97 01 1	053 80	11 5 00	8 3 605		0 01 74	1 23 x9											

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	12	13	14	15	16	17	18	19	20	21	22	23	24	25	29
Karachi ...	789 15	998 29	242 60	859 59	261 43	700 15	170 12	509 23	009 91	392 10	789 91	555 55	309 00	229 97	408 70	209 94	488 45	261 47	638 06	260 48	638 00	260 71	446 00	509 91	883 80

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	6	8	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	20 13	22 21									19 13						19 22							
Dhhor	21 18	23 15	21 28	21 29	22 37												23 18	23 24	21 23	19 19				
Chittagong											16 19	17 18					19 18	19 18	21 20					
Cox's Bazar											17 19	17 15	19 17				17 17	19 16	21 10	21 13	24 11	29 08	30 11	
Dacca											16 21	19 23					18 25	19 26						
Dalbandin			23 11	23 15									25 15	25 13	27 11				25 06	18 05	25 06	17 07	25 07	
Drosk					23 12	21 06													24 02		24 02	25 02	25 13	
Fort Sandeman			02 05		07 23														24 04		24 04	25 02		21 09
Hyderabad	11 06	11 10	11 14	11 09	13 15	15 28					11 20	13 19	15 18	17 05	26 07	21 16	07 15	05 10	24 00	19 13	23 13	23 00	16 28	
Jacobabad	30 08	08 05	10 12	11 18	12 12	07 04	26 28	27 30									03 04	23 07	25 08	04 07	03 04	27 06	25 13	27 17
Jhelum																								
Jiwani																								
Karachi	24 21	25 19	28 19								23 19	23 21	23 17				25 15	26 18	25 23	24 14	02 11	03 07	15 05	
Khanpur	06 04	08 04	09 05	01 10	11 06						05 18	05 18	05 11	03 09			24 24	25 18	25 09	21 12	15 07	12 01		
Lahore	01 05	05 18	04 09	01 02	23 11												27 08	02 04	02 03	21 04	23 04	23 06		
Multan																	23 09	03 05	19 06	28 04	28 02			
Peshawar		05 08	07 13	11 05	14 08												10 22	27 03	25 00	23 24	23 04	27 15	26 19	
Quetta					09 04	23 12									21 09	25 09					25 11	21 25		
Veraval																								
Bhuriat																								

Cloud Observation Data (iiiGG Cddv, v,)

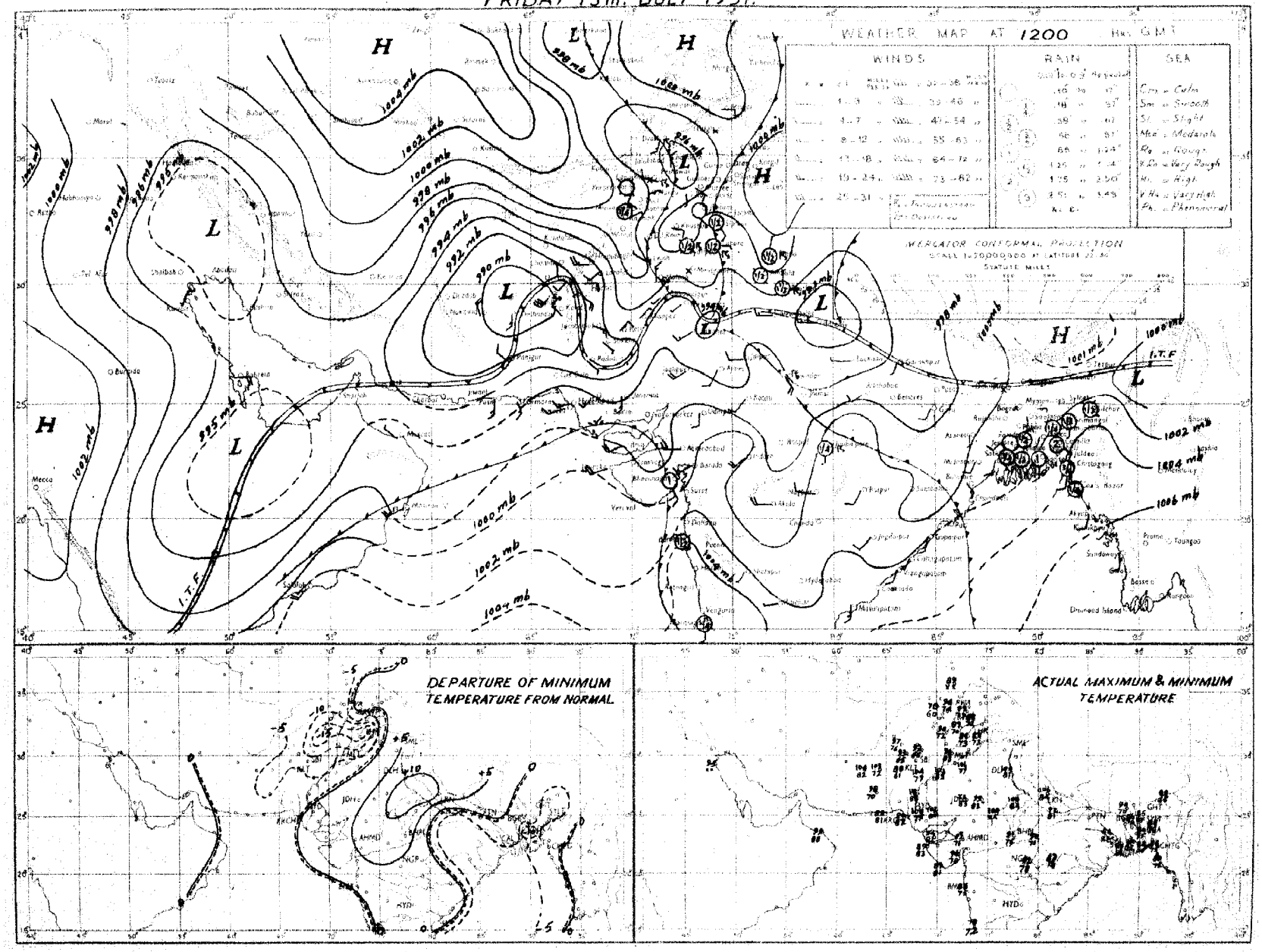
Peshawar 53008 426xx

* 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 times.
†† The correct levels to which the upper winds relate are 0.2, 0.4, 0.6, 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

E. P. W.

PAKISTAN DAILY WEATHER MAP

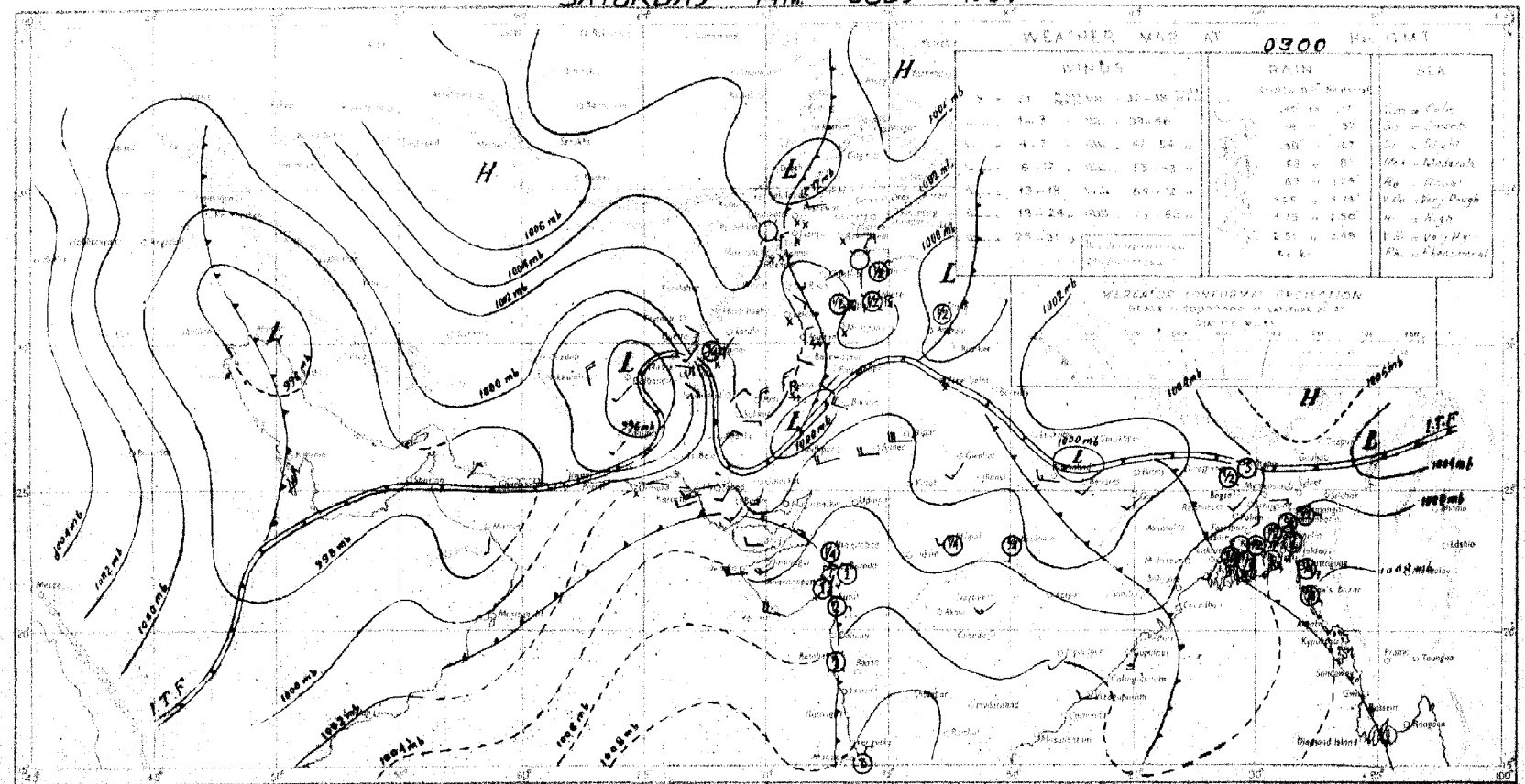
FRIDAY 13th JULY 1951.



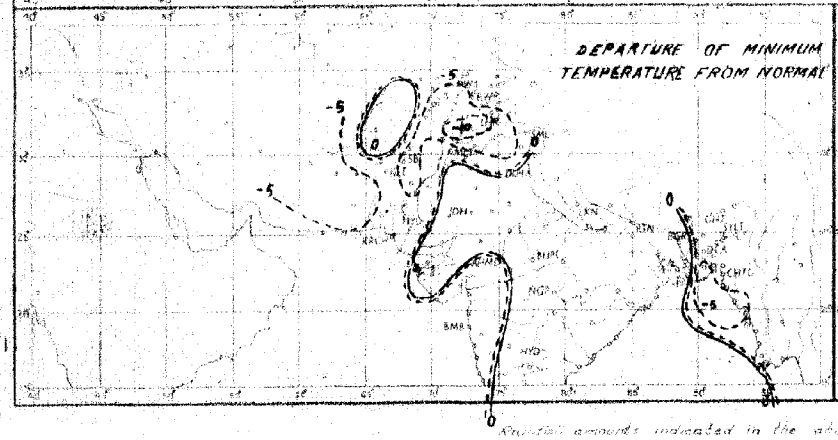
Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

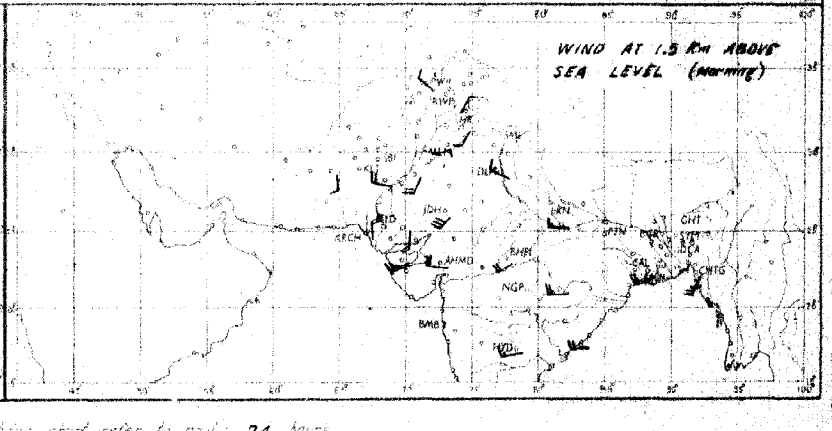
SATURDAY 14th JULY 1951.



DEPARTURE OF MINIMUM TEMPERATURE FROM NORMAL



WIND AT 1.5 Km ABOVE SEA LEVEL (morning)



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-1467

FOR SUNDAY, THE 15TH JULY, 1951

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

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

Seasonal low extends from Baluchistan to Iraq.

Monsoon continues to be active in East Pakistan.

Fairly widespread rain has occurred in East Pakistan. Scattered thunderstorms/showers have also occurred in the south Punjab.

Chief amounts of rainfall are :—Rangpur 2"; Chittagong and Dinajpur 1½" each, Multan 1" and Comilla, Cox's Bazar, Brahmanbaria and Bogra ½" each.

Day temperatures were appreciably to markedly below normal in the Deltaic sub-division of East Pakistan and West Pakistan outside lower Sind and the extreme north Punjab.

Forecast valid until the evening of 16th :—Fairly widespread rain will occur in East Pakistan. Scattered thunderstorms are also likely in the upper North-West Frontier Province and Kashmir.

Karachi-11.
The 15th July, 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	000 76	5 13 08	96 01 1	152 82	3 5 6 3 1	1 × × 36	018 77	8 09 00	95 53 6	082 76	3 6 5 2 0	9 × 72	0	5	44.1	- 3.6	58.9	140
	Chittagong	086 78	8 16 09	97 03 1	140 82	2 5 4 2 0	- 4 85	159 78	8 16 05	96 62 6	075 79	3 7 4 2 0	- - 9 75	- 1	- 2	42.9	+10.9	72.6	108
	Comilla	000 78	6 18 09	98 03 6	132 84	6 4 7 0 0	4 - 84	020 79	7 18 13	98 03 1	074 88	7 4 7 0 0	9 - - 77	- 4	0	39.6	+ 4.2	45.3	115
	Brahmanbaria	000 77	4 13 02	97 02 1	125 81	4 4 5 5 0	- - × 88							—					94
	Dacca	××× 78	4 18 05	97 01 6	111 84	2 8 7 2 0	8 9 89	××× 81	8 20 05	96 02 6	048 85	6 8 2 2 4	- - × 80	—	-	—	—	—	78
	Narayanganj	010 77	5 18 03	95 93 6	114 85	6 5 5 2 0	5 - × 90	010 79	8 16 03	95 03 9	045 86	7 5 5 4 -	9 × 81	+ 1	+ 2	33.2	+14.5	52.3	74
	Mymensingh	000 79	8 00 00	98 20 5	113 83	8 4 7 -	- 86	000 79	8 09 02	98 02 2	047 82	8 4 7 - -	- - - 80	2	+ 2	26 1	+ 0.5	84.4	92
	Srimangal	008 76	7 18 02	97 02 6	119 85	4 5 6 3 0	3 6 90	008 74	7 18 08	97 02 4	057 79	5 8 7 3 0	- - 3 74	0	- 2	28.4	+ 2.6	57.3	98
	Khulna	015 80	4 18 02	97 02 2	123 84	4 5 7 0 0	- - - 85	015 81	5 18 02	96 02 1	048 85	5 5 7 0 0	- - - 81	- 3	+ 3	16 1	- 3.5	22 6	62
	Satkhira	000 78	7 18 03	97 03 1	121 89	4 4 7 6 0	9 × 91	000 79	7 23 03	97 03 1	068 86	5 4 7 6 0	9 - × 79	+ 3	+ 1	10.4	- 8.5	18.9	65
	Jessore	000 81	6 18 03	96 02 1	114 85	6 6 6 0 0	- - - 93	000 81	6 18 09	96 02 2	045 89	6 8 6 0 0	- - - 90	—		13.7	- 4 1	20.8	65
	Faridpur	000 78	5 09 09	97 01 1	110 88	2 4 7 1 0	6 - 7 85	000 81	7 08 09	97 02 1	058 76	5 4 6 1 0	9 - × 80	- 3	+ 2	21.0	+ 2.2	25 3	71
	Barisal	000 79	5 18 05	97 02 1	120 85	2 2 1 2 A	- × × 89	000 81	6 18 05	97 00 1	058 87	3 4 6 5 8	- × × 81	+ 2	+ 2	23 5	+ 1.0	23.2	81
	Pabna																		58
	Rampur Boalia	000 82	8 18 14	98 03 2	030 82	8 4 6 - -	- - - 88	000 83	8 06 05	99 01 2	020 84	6 5 7 0 0	- - - 80	0	+ 2	26.7	+ 8.7	37.2	60
	Sirajganj																		64
	Bogra	025 78	7 00 00	96 01 6	093 82	7 3 6 0 0	- - - 91	025 79	7 23 03	96 01 8	034 82	4 8 6 3 0	- - × 79	+ 2	0	26 1	+ 6.7	32.9	69
	Dinajpur	056 79	8 00 00	97 61 6	013 79	2 4 7 0 0	9 - - 90	182 73	8 00 00	97 60 2	049 75	8 4 7 - -	- - - 74	+ 1	- 4	23.5	+ 1.7	27.7	72
	Rangpur	106 ××	8 09 02	96 02 6	—	8 5 8 - -	- - - ××	152 ××	8 00 00	96 62 6	—	8 5 8 2 0	- - × ××	-	—	41.8	+14.9	51.4	64
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Mingar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 80	4 34 02	96 01 0	978 00	0 0 9 8 0	- - - 92	000 79	0 00 00	96 05 0	011 84	0 0 9 0 0	- - - 80	- 10	- 2	1.4	- 1.2	5 6	12
	Lahore	000 68	6 34 07	96 02 1	981 93	0 0 9 5 5	9 9 9 95	000 78	0 00 00	95 05 1	013 86	0 0 9 0 0	- - - 79	- 5	- 1	2.5	- 1.5	5.5	19
	Sialkot	000 70	4 27 02	97 03 1	980 94	0 0 9 0 4	- - - 96	000 75	2 00 00	97 01 1	985 84	0 0 8 1 0	- - × 70	- 3	- 10	2.2	- 5.2	7.1	33
	Jhelum	000 79	3 27 02	98 01 0	980 95	1 1 7 3 0	- - - 95	000 74	0 00 00	97 00 0	009 87	0 0 9 0 0	- - - 77	—	—	4.7	—	14.1	—
	Rawalpindi	000 62	3 00 00	99 01 1	963 97	0 0 9 1 0	- - - 90	000 62	0 00 00	99 00 0	997 90	0 0 9 0 0	- - - 75	+ 2	- 2	2.7	- 2 9	13.5	36
	Murree †	000 57	5 13 08	97 02 1	930 74	6 9 2 0 0	9 × × 75	000 52	0 00 00	98 00 1	950 69	0 0 9 0 0	- - - 66	+ 1	—	6.6	2 9	19.2	59
	Attock	××× ××	1 13 09	97 00 0	—	1 - 7 0 0	- - - —	××× ××	0 00 00	98 00 0	—	6 0 9 0 0	- - - ××	—	—	—	—	—	—
	Khushab	000 71	8 23 02	98 03 1	974 97	0 0 9 1 0	- - - 97	000 73	0 29 02	98 00 0	008 91	0 0 9 0 0	- - - 82	- 6	0	1.7	- 1.2	7.4	15
	Montgomery	002 73	0 00 00	96 00 9	983 93	0 0 9 0 0	- - - 98	002 73	0 00 00	96 00 0	011 90	0 0 9 0 0	- - - 77	- 5	- 7	1.6	- 0.9	5.2	10
	Leiah	000 82	2 31 02	97 01 1	992 97	0 0 9 3 0	- - - 97	000 82	2 36 02	97 01 1	009 89	0 0 9 0 2	- × - 81	—	—	0	—	5.7	8
	Multan	104 75	8 31 02	97 02 6	991 91	0 0 9 0 0	7 9 9 93	104 74	0 27 02	98 00 2	021 86	0 0 9 0 0	- - - 78	- 9	12	1.3	+ 0 1	4 4	7
	Khanpur	000 82	0 36 08	94 07 0	977 00	0 0 9 0 0	- - 02	000 81	0 23 05	95 05 0	010 91	0 0 9 0 0	- - - 71	3	- 12	0.2	1 1	1.9	6
	Bahawalpur	000 78	0 00 00	97 00 1	093 99	0 0 9 0 0	4 0 0 99	000 76	0 23 01	97 00 0	015 80	0 0 9 0 0	- - 83	4	- 1	0	1.2	2 1	6
	Fort Abbas	000 92	0 15 08	96 00 0	956 00	0 0 9 0 0	- - - 03	000 72	0 28 02	96 00 0	986 95	0 0 9 0 0	- - - 78		—	0.3	—	1.2	8
N. W. F. P.	Drosh *	000 40	6 25 14	98 03 1	834 87	6 9 6 0 0	6 × × 91	000 47	0 00 00	98 00 1	942 76	0 0 9 0 0	- - - 70	- 5	3	0.3	—	30.5	18
	Chakdara	000 59	0 27 05	99 00 0	959 95	0 0 9 0 0	- - 96	000 61	0 27 03	98 00 0	051 81	0 0 9 0 0	- - - 73	—	—	0.3	—	12.6	—
	Cherat *	000 64	4 19 05	97 02 1	911 87	0 0 9 5 0	4 × 0 89	000 61	0 34 02	97 00 0	934 80	0 0 9 0 0	- - - 70	0	- 1	0.7	3 3	22 8	29
	Peshawar	000 61	6 05 07	96 02 1	973 97	3 9 6 3 0	0 6 98	000 61	0 39 02	96 00 0	010 37	0 0 9 0 0	- - - 77	4	- 3	0.2	0.7	7.5	14
	Parachinar	000 52	5 13 02	96 02 2	947 79	3 2 5 6 0	4 × 9 81	000 49	0 00 00	99 00 1	945 73	0 0 9 0 0	- - - 64	- 6	2	2.8	+ 1.1	20.6	29
	Miranshah	000 37	5 07 02	96 00 0	995 89	5 4 6 5 5	- - 90	000 58	0 25 02	98 04 1	928 82	0 0 9 0 0	- - - 66	—	—	0.7	1 0	7.6	18
	Bannu	000 67	6 00 00	97 02 1	974 96	0 0 9 3 1	- - 97	000 71	3 09 03	97 03 1	004 88	0 0 9 3 0	- - × 79	—	—	0	- 0.6	5.5	11
	D. I. Khan	000 75	5 00 00	95 01 0	012 93	0 0 9 0 3	0 0 0 98	000 77	2 00 00	95 06 0	008 85	0 0 9 0 2	1× - 74	- 11	9	0.6	- 1.1	2 3	8
	Wana																		11
	Landikotal	000 51	6 23 03	98 02 2	898 90	5 6 6 0 0	- - - 91	000 50	0 00 00	99 00 0	951 85	0 0 9 0 0	- - - 69	—	—	0.3	—	9.6	—
	Hangu	××× ××	8 00 00	97 03 3	—	0 0 9 2 0	9 × 0 —	××× ××	0 00 00	97 00 1	—	0 0 9 0 0	- - - ××	—	—	—	—	—	—
	Thall	××× ××	4 27 13	98 02 1	—	2 8 7 2 0	- - - —	××× ××	2 09 09	99 01 1	—	2 8 7 0 0	- - - ××	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 52	3 05 10	96 03 2	902 82	8 7 6 0 0	9 × × 93	000 52	0 00 00	96 00 0	919 79	0 0 9 0 0	- - - 70	7	- 5	0	- 1.4	5.9	11
	Hindubagh	000 50	6 09 06	97 03 1	906 86	6 6 6 0 0	7 × × 93	000 43	0 27 05	97 00 0	945 89	0 0 9 0 0	- - - 61	—	—	0	—	8.8	—
	Loralai	000 69	2 13 09	94 01 2	858 85	0 0 9 4 0	- 87	000 66	0 00 00	96 00 1	931 75	0 0 9 0 0	- - - 65	—	—	0.1		6.5	—
	Harnai (a)	000 ××	0 05 05	96 02 2	—	0 0 9 3 5	9 7 7 —	000 ××	6 09 02	94 42 2	- - -	× 0 8 2 5	- × × ××	-	-	0.7	- 1.0	9.3	14
	Sibi	000 64	8 23 09	98 03 1	964 98	8 4 7	- - - 02	000 78	2 00 00	98 01 1	005 04	0 0 9 3 0	- - × 80	—	-	0	—	1.6	5
	Quetta †	000 47	4 20 07	96 07 2	913 89	0 0 9 3 0	- - - 92	000 57	0 00 00	97 06 4	988 75	0 0 9 0 0	- - - 60	—	—	0	0 2	8.5	9
	Chaman	000 74	0 25 06	97 00 0	895 96	0 0 9 0 0	- - - 97	000 65	0 18 03	97 00 0	922 83	0 0 9 0 0	- - 76	- 5	0	0	- 0.1	9.6	8
	Nushki	000 72	0 26 16	96 00 0	925 00	0 0 9 0 0	- - - 03	000 55	0 09 09	97 00 0	965 89	0 0 9 0 0	- - - 80	—	0	0	—	6.4	—
	Dalbandin *	000 56	0 22 05	94 05 0	889 03	0 0 9 0 0	- - - 04	000 44	0 00 00	94 05 0	920 81	0 0 9 0 0	- - - 78	- 5	0	0	0	1.8	4
	Nokkundi	000 75	0 32 09	98 00 0	980 04	0 0 9 0 0	- - - 06	000 63	0 34 09	99 00 0	984 90	0 0 9 0 0	- - - 80	—	—	0	—	0.8	3
	Kalat †	000 66	0 22 05	96 00 0	922 88	0 0 9 0 0	- - 88	000 45	0 18 02	88 00 0	955 67	0 0 9 0 0	- - - 58	5	- 4	0	- 0.6	9.0	7
	Turbat	000 77	0 18 09	97 00 0	003 01	0 0 9 0 0	- - - 06	000 78	8 ×× 00	96 03 2	059 85	8 0 8 2 0	9 0 × 81	—	—	0	—	1.4	—
	Panjgur *	000 27	0 28 03	97 00 0	903 98	0 0 9 × ×	- - - 09							- 4					8
	Las Bela																		5
	Ormara	000 75	2 25 09	95 03 0	004 38	6 5 6 0 0	- - - 88	000 79	4 00 00	94 05 0	049 88	4 5 6 0 0	- - - 81	—	—	0	- 0 2	2.7	8
	Pasni	000 74	0 20 07	96 00 0	999 90	0 0 9 0 0	- - - 90	000 77	7 13 03	96 02 1	046 81	0 0 7 2 0	- × 79	—	+ 1	0	- 0.5	4.2	6
	Jiwani																		4
SIND	Rati	000 79	0 33 08	96 00 0	987 02	0 0 9 0 0	- - - 04	000 80	0 31 10	96 00 0	024 92	0 0 9 0 0	- - - 85	—	—	0	—	0.8	—
	Jacobabad	000 67	4 06 00	97 03 1	983 01	0 0 9 0 1	- - - 01	004 73	0 23 03	96 00 1	011 90	0 0 9 0 0	- - - 80	- 8	- 6	0	0.6	0.5	4
	Sukkur	000 73	0 02 09	95 05 1	979 00	0 0 9 0 0	- - - 01	000 77	0 22 08	95 05 1	009 39	0 0 9 0 0	- - - 82	—	—	0	—	0.5	4
	Pad Idan	000 78	0 05 05	98 00 1	974 02	0 0 9 0 0	- - - 02	000 75	0 23 05	98 00 0	016 89	0 0 9 0 0	- - - 55	—	—	0	—	0.1	—
	Karachi (Manora)	000 79	6 25 13	95 05 2	003 87	5 6 4 0 0	- - - 90	000 75	4 27 09	93 05 1	041 84	4 6 4 4 0	- - × 82	+ 1	+ 1	0	- 2 2	0	8
	Karachi (A. F.)	000 77	1 26 17	96 01 1	005 86	1 5 5 0 0	- - 94	000 76	1 25 12	96 01 1	043 84	1 1 6 0 0	- - 83	—	—	0		0 1	—
	Badin	000 72	6 27 05	97 04 2	995 96	0 0 9 8 0	8 0 6 99	000 79	0 28 08	97 00 0	032 83	9 0 0 0 0	- - - 81	+ 4	0	0	2.4	0	6
	Nagarparkar																		
	Chhor (Umarkot)	000 75	0 29 05	97 00 0	981 02	0 0 9 0 0	- - - 02	000 79	0 22 10	97 00 0	029 87	0 0 9 0 0	- - - 80	—	—	0	—	0	—
	Hyderabad	000 73	4 22 05	97 01 1	988 90	0 0 9 3 0	- - - 04	000 75	0 22 05	96 00 0	029 85	0 0 9 0 0	- - - 82	+ 5	+ 1	0	1.8	0.2	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul	000 44	6 02 03	98 02 1	457 85	4 7 6 2 0	- - × 88	000 45	0 02 02	98 00 0	907 71	0 0 9 0 0	- - - 57	—	—	0	—	0.9	12
	Jalalabad	000 78	2 09 07	97 03 1	984 95	0 0 9 5 0	- - 9 96	000 89	0 00 00	97 00 0	989 81	0 0 9 0 0	9 × × 76	—	—	0.5	—	6.5	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY THE 15TH JULY, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1D_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP.TT	$N_hC_Lh O_M O_H$	$W_1D_HD_MT_nT_n$	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	Annual Normal
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
India	Dharbar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Jask	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Mashed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Arabia	Muscat	000 83	0 05 05	96 00 0	080 48	0 0 9 0 0	... 91	000 78	0 05 05	96 02 1	092 85	0 8 9 1 6	... x 83	- 4	- 5	0	- 0.1	3.8	4
	Sharjah	000 xx	0 05 05	96 00 0	011 84	0 0 9 0 0	... 02	000 xx	0 00 00	96 00 0	070 92	0 0 9 0 0	... xx	—	—	0	—	1.5	4
	Kuwait																			6

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,490-6,713 feet according to latitude).
†† Barometer readings reduced to 3 geodynamic Kilometre (10,048-10,000 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 Control, 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_aL_a	L_oL_oGG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	$D_Hv_Hs_Hpp$	8 N_s C $h_sh_sh_s$	O $T_sT_sT_dT_d$	1 $d_wd_wP_wP_wH_wH_w$	SHIP	YQ L_aL_a	L_oL_oGG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	$D_Hv_Hs_Hpp$	8 N_s C $h_sh_sh_s$	O $T_sT_sT_dT_d$	1 $d_wd_wP_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Jaljawahar	73 166	570 12	6 22 20	95 02 2	030 80	61 7 42	6 5 xxx	...	...												
British Escort	73 091	634 12	5 24 12	99 02 2	037 81	21 5 08	7 4 320	...	0 01 76	1 24 33											
Jahangir	73 183	665 12	6 25 18	98 03 2	041 85	44 6 66	6 3 000	3 4 040	0 01 80	1 25 33											
Canara	73 210	680 18	6 20 07	97 02 1	053 87	22 5 80	3 5 320	...	...	...											
Jaljawahar	73 161	557 18	0 22 25	97 00 0	051 78	00 9 00	...	...	...	...											
Jalaprakash	73 182	727 08	6 20 10	96 02 1	065 85	66 8 —	8 8 201	...	0 01 76	1 21 24											
Jalaratna	73 096	756 08	6 07 10	98 02 0	115 77	43 6 88	...	...	...	...											
Jaljawahar	73 166	580 06	5 24 30	97 03 2	042 80	58 6 40	...	...	...	...											
Canara	73 220	552 06	6 24 13	97 02 1	033 84	65 5 00	3 5 320	...	...	...											
Canton	73 172	660 08	5 24 24	97 10 2	060 88	87 5 —	2 6 120	...	0 06 84	1 24 33											
Strathen	73 159	654 12	5 25 15	99 15 2	038 82	74 5 76	6 7 300	...	0 01 77	1 25 45											
British Escort	73 068	695 06	7 29 16	99 02 1	113 82	42 5 22	6 6 110	...	0 00 75	1 29 32											
Yenang Yaung	73 215	664 06	5 26 15	98 02 1	055 85	84 8 00	7 4 200	...	0 01 76	0 26 34											
Canara	73 226	638 00	7 23 13	97 02 1	010 75	65 4 61	3 5 305	...	...	...											

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
Karachi ...	780 15	999 29	253 60	054 71	222 04	700 19	150 17	500 17	569 91	555 55
	299 19	212 05	219 06	211 84	518 38	231 08	648 09	171 57	827 52	190 17
	446 90	059 91	675 51	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 (Hdddff)*

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	21 07	21 12	23 12	24 14	26 13	28 14	...	...	...	...	21 26	25 39	29 39	...	...	...	20 28	...	...	...	...	...	...	...
Chhor	21 13	22 13	22 15	21 14	25 05	—	—	—	—	—	54 89	—	—	—	—	—	54 89	25 21	29 13	19 15	16 18	06 13	25 15	29 17
Chittagong	16 20	19 25	...	...	...	...	...	...	...	...	16 23	16 34	17 33	...	...	...	17 15	19 17	21 18	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	19 19	19 23	—	—	—	—	—	—	—	—	21 20	21 32	21 35	21 33	—	—	21 19	21 28	22 27	22 26	—	—	—	—
Dalhandie	—	—	24 08	23 04	23 04	21 05	23 08	01 05	30 12	—	—	—	25 10	24 15	19 11	24 13	—	—	—	23 02	18 06	21 06	21 10	22 08
Drosh	—	—	—	—	—	00 10	17 04	30 09	26 19	27 21	—	—	—	calm	21 04	16 07	—	—	—	—	—	06 01	02 01	02 09
Fort Sandeman	—	—	—	30 07	28 07	11 02	25 06	—	—	—	—	—	—	10 02	21 10	24 13	—	—	—	28 03	21 05	30 10	30 13	—
Facobabac	10 08	07 01	25 01	07 03	21 02	29 08	28 19	25 21	25 27	—	08 01	16 03	20 08	19 10	20 07	26 10	19 08	20 08	24 05	26 09	21 11	25 08	13 04	20 15
Jhelum	21 08	25 10	25 05	11 04	28 03	15 02	26 10	28 07	—	—	28 01	21 30	30 05	21 04	25 07	29 03	02 03	22 07	22 10	21 09	23 04	21 06	25 08	29 10
Kiwam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	25 13	25 09	30 08	—	—	—	—	—	—	—	26 16	26 15	23 16	—	—	—	25 15	26 19	27 18	25 03	03 05	—	—	—
Khanpur	—	—	—	—	—	—	—	—	—	—	02 06	09 04	18 06	17 11	25 23	—	24 21	23 10	22 17	24 10	25 09	27 07	—	—
Lahore	29 05	25 05	25 03	24 01	12 06	23 04	—	—	—	—	27 05	29 07	27 06	20 06	26 10	—	29 04	28 07	28 06	28 06	28 03	28 05	—	—
Multan	08 10	17 06	22 04	28 07	22 11	24 16	—	—	—	—	18 04	28 04	25 20	24 12	30 27	—	19 19	21 13	24 15	25 10	27 06	27 05	—	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—	—	—	16 01	18 06	07 02	—	22 06	01 04	03 05	30 04	21 06	25 13	28 19
Quetta	—	—	—	—	10 04	07 06	01 04	—	—	—	—	—	—	—	15 13	—	—	—	—	—	03 10	25 13	27 18	—
Veraval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v.)

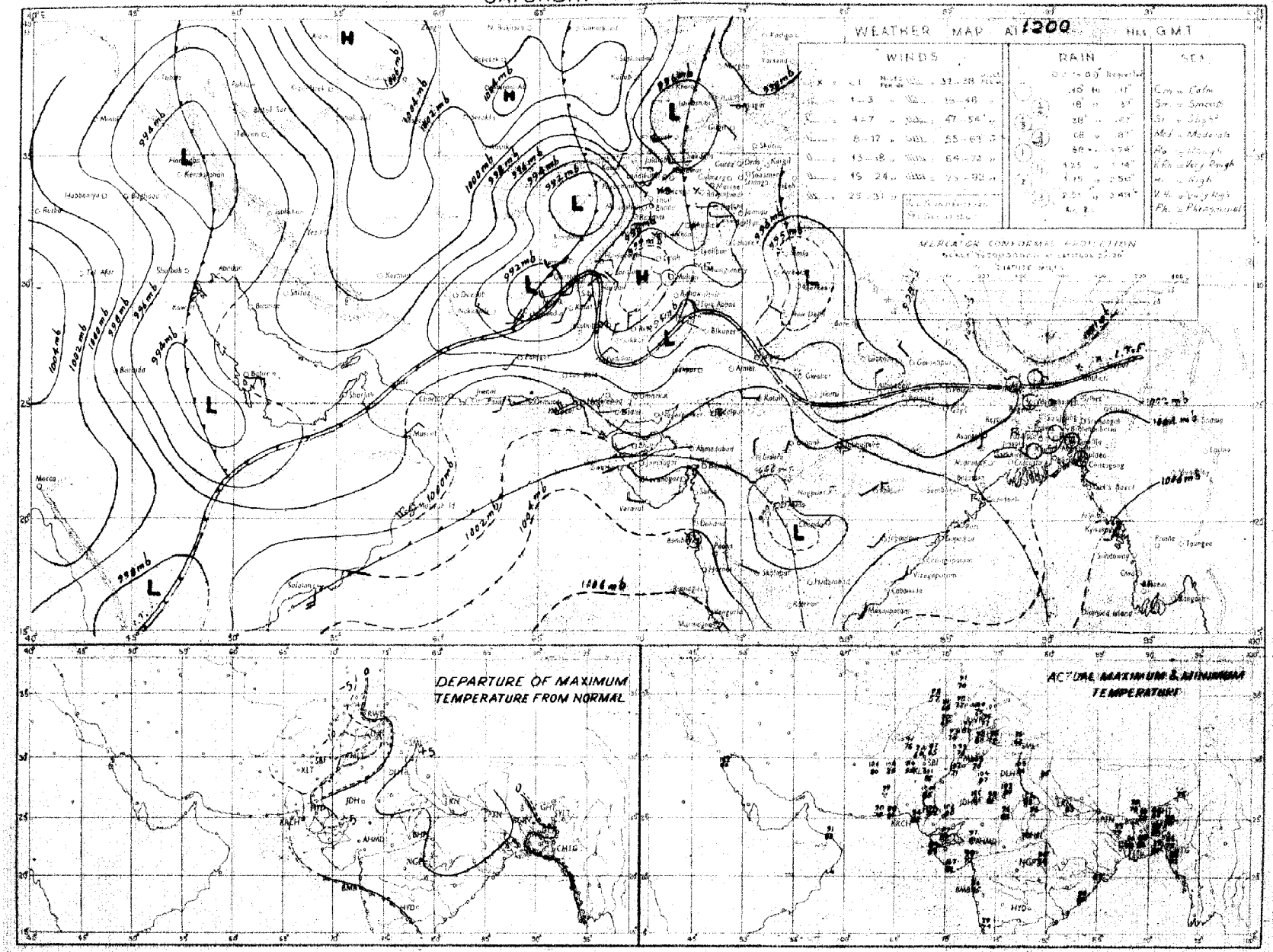
Lahore 64008 422xx

* 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, 0.9, 1.5, 2.5, 3.4, 5.0-5.5, 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. B.

PAKISTAN DAILY WEATHER MAP

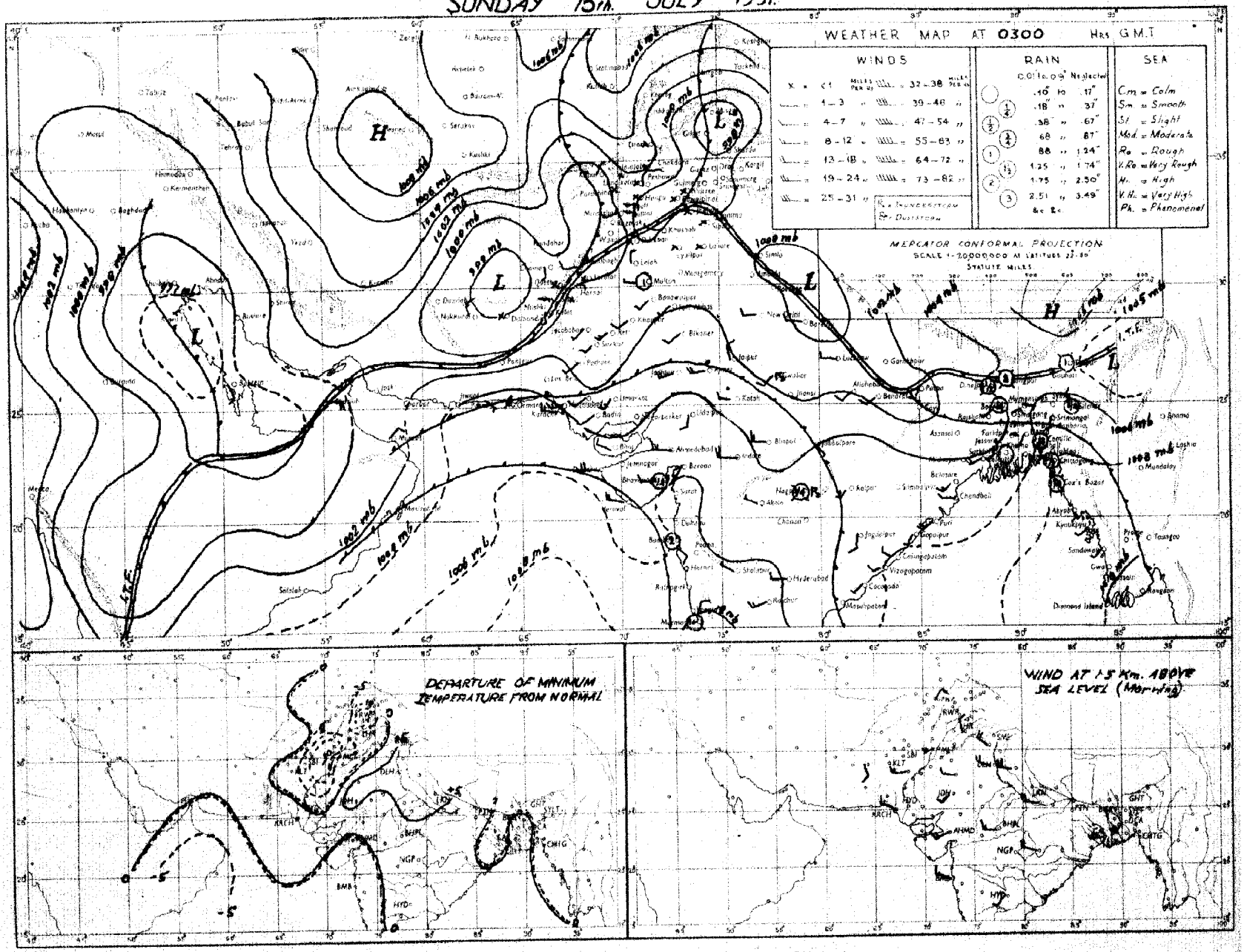
SATURDAY 14th. JULY 1951



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 15th JULY 195.



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-1467

FOR MONDAY, THE 16TH JULY, 1951

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

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

Seasonal low extends from plains of the Punjab to central Arabia.

The low pressure wave moving across Kashmir is likely to accentuate the seasonal low over West Pakistan.

Monsoon continues to be active in East Pakistan.

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

Chief amounts of rainfall are :—Comilla 3" ; Rangpur 2" ; Khulna 1¼" ; Faridpur ¾" ; Dacca, Sirajganj, Barisal ½" each, and Srimangal ¼".

Day temperatures were appreciably to markedly above normal in the north Punjab and appreciably below normal in west Baluchistan.

Forecast valid until the evening of 17th :—Fairly widespread rain will occur in East Pakistan. Scattered thunderstorms are also likely in the North-West Frontier Province, Kashmir, and the adjoining Punjab.

Karachi-11.
The 16th July, 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	$N_hC_LhC_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_tD_sD_MT_nT_n$	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 76	7 00 00	94 02 2	054 60	4 6 5 2 0	1 - x 37	000 74	8 18 09	96 02 2	081 84	3 5 7 3 0	- - x 72	+ 1	5	44.1	- 4.5	53.0	140
	Chittagong	000 77	6 18 00	97 02 1	043 82	3 2 5 7 0	x 85	000 76	7 13 05	97 02 1	030 83	5 8 5 7 0	- - 9 77	- 1	9	42.9	+19.3	72.6	108
	Comilla	020 78	8 18 05	98 03 6	029 79	8 5 7 -	- - - 79	237 74	8 18 05	97 63 6	071 77	8 5 6 - -	7 - 74	- 9	- 8	43 0	+17.1	45 6	118
	Brahmanbaria	000 57	6 00 00	97 02 1	039 81	6 4 5 2 0	- - x 88	000 77	8 18 09	96 03 0	064 79	7 7 3 2 1	- x x 77	—	—	22.1	+ 2 2	22.0	94
	Dacca	xxx 79	8 20 02	97 21 6	017 80	2 4 5 2 -	- - x 89	xxx 80	8 18 03	96 02 6	055 82	x 5 4 0 0	- - - 77	—	—	—	—		78
	Narayanganj	020 77	8 18 03	95 03 6	018 81	8 0 7 2 -	5 - x 90	020 79	8 18 02	95 50 6	055 82	8 5 5 - -	- - - 78	+ 1	- 1	33.4	+14.2	52.5	74
	Mymensingh	003 79	8 00 00	97 50 5	018 83	8 4 6 - -	5 - - 84	000 79	8 00 08	99 02 5	047 83	8 4 7 - -	- - - 79	- 4	+ 1	26 1	+ 3.1	34.4	91
	Srimangal	044 77	8 27 08	97 08 9	023 82	8 5 6 - -	4 - 89	044 78	8 16 03	97 08 6	087 79	8 5 7 - -	2 - - 77	- 1	—	28 6	+ 2.6	57.7	98
	Khulna	121 81	4 18 02	96 02 6	021 82	4 6 7 0 0	- - - 82	128 80	8 18 03	96 02 2	060 84	8 4 6 - -	- - - 78	+ 4	0	17 3	- 2.7	23 0	65
	Satkhira	000 79	8 28 03	97 03 5	022 86	5 4 7 6 0	9 x 91	000 81	8 28 03	97 03 1	045 86	5 4 7 6 0	9 - 8 81	+ 3	+ 3	10.4	- 9.0	19 9	65
	Jessore	013 80	8 18 05	96 02 5	016 80	8 6 8 7 5	4 x x 93	018 79	8 13 04	96 02 2	047 85	8 8 6 -	- - - xx	—	—	13 8	4.3	21.0	65
	Faridpur	066 79	8 03 05	95 61 9	010 80	8 7 5 -	- - 86	070 80	8 08 09	96 02 2	040 83	6 6 6 1 0	6 - x 79	- 2	+ 1	21.7	+ 2.6	29 0	71
	Barisal	032 80	8 18 02	96 61 6	022 81	4 7 5 2 -	6 - x 89	050 77	8 18 02	96 61 6	062 78	2 5 6 2 -	5 x x 78	+ 2	- 1	23 5	+ 0.6	33.3	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj							040 81	8 00 08	98 02 2	040 82	8 4 6 - -	- - - 79		0	27.1	+ 8 8	57.6	64
	Bogra	006 78	6 00 00	96 02 1	998 90	6 0 8 2 0	- - x 91	009 80	x 28 02	96 03 2	041 83	8 6 4 2 -	- - x 82	+ 2	+ 3	26.2	+ 6 5	38.0	66
	Dinajpur	016 79	4 00 00	97 02 6	003 87	2 6 7 2 0	9 - 2 89	014 76	8 00 00	97 02 2	053 82	8 4 7 - -	- - - 73	0	- 6	23.7	+ 1 1	27.0	72
	Rangpur	020 xx	4 09 02	97 01 6	— —	4 5 8 0 0	- - - xx	150 xx	8 00 00	96 02 6	— —	8 5 8 - -	- - - xx	—	—	43 6	+16.3	58.2	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 83	0 00 00	96 00 0	954 00	0 0 9 0 0	- - - 02	000 79	0 13 02	96 00 0	983 88	0 0 9 0 0	- - - 82	0	0	1.4	- 1.3	5.7	13
	Lahore	000 65	0 27 03	94 00 0	960 01	0 0 9 0 0	- - - 01	000 70	0 13 02	96 00 0	994 91	0 0 9 0 0	- - - 79	+ 1	0	2 5	- 1.9	6 6	19
	Sialkot	000 70	0 23 02	98 00 0	945 01	0 0 9 0 0	- - - 01	000 78	0 00 00	98 00 0	991 90	0 0 9 0 0	- - - 82	+ 3	+ 2	2.3	- 5.5	7.1	32
	Jhelum	000 78	0 22 03	97 00 0	058 09	0 0 9 0 0	- - - 01	000 78	0 00 00	96 00 0	988 89	0 0 9 0 0	- - - 79		—	4.7	—	14.1	—
	Rawalpindi	000 61	0 00 00	92 00 0	942 03	0 0 9 0 0	- - - 96	000 64	0 00 00	99 00 0	985 93	0 0 9 0 0	- - - 78	+ 8	+ 1	2.7	- 3 1	15.6	34
	Murree †	000 55	2 31 03	98 01 1	028 76	2 1 4 0 0	5 x x 78	000 57	0 27 03	97 00 1	941 74	0 0 9 0 0	- - - 64	+ 4	+ 6	6.6	3 3	30.2	50
	Attock	xxx xx	0 31 05	95 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Khushab	000 77	0 20 05	98 00 0	960 02	0 0 9 0 0	- - - 07	000 75	0 02 02	97 00 0	936 90	0 0 9 0 0	- - - 82	+ 4	0	1.7	- 1.6	7.4	11
	Montgomery	000 68	0 00 00	96 00 0	967 02	0 0 9 0 0	- - - 03	000 67	0 13 02	97 00 0	992 94	0 0 9 0 0	- - - 80	0	- 4	1.6	- 0.9	5.3	10
	Leiah	000 90	0 23 02	97 00 0	050 01	0 0 9 0 0	- - - 08	000 75	0 36 02	97 00 0	974 94	0 0 9 0 0	- - - 88	—	—	0		5 9	8
	Multan	000 71	0 23 02	97 00 0	060 04	0 0 9 0 0	- - - 05	000 73	0 23 02	96 00 0	982 90	0 0 9 0 0	- - - 85	+ 2	0	1.3	- 0 1	4 4	7
	Khanpur	000 85	0 27 02	94 05 0	076 06	0 0 9 0 0	- - - 07	000 80	0 29 09	94 04 0	996 90	0 0 9 0 0	- - - 87	+ 2	+ 4	0.2	1 2	1.9	6
	Bahawalpur	000 76	0 23 02	97 00 0	066 06	0 0 9 0 0	- - - 06	000 76	0 23 10	97 00 0	002 92	0 0 9 0 0	- - - 86	+ 3	+ 2	0	1.3	3.1	6
	Fort Abbas	000 90	0 31 05	96 00 0	060 08	0 0 9 0 0	- - - 09												8
N. W. F. P.	Drosh *	000 27	1 25 05	99 01 1	871 95	1 1 8 0 0	6 x x 97	000 44	0 00 00	98 00 1	923 79	0 0 9 0 0	- - - 74	+ 1	+ 1	0.3	—	20.3	10
	Chakdara	000 80	0 23 02	99 00 0	944 99	0 0 9 0 0	- - - 01	000 61	0 27 02	98 00 0	887 83	0 0 9 0 0	- - - 73	—	—	0.3	—	12.6	—
	Cherat *	000 57	0 18 04	97 00 0	910 95	0 0 9 0 0	- - - 95	000 48	0 18 02	97 00 0	918 84	0 0 9 0 0	- - - 78	+ 6	+ 7	0.7	- 2 5	22.8	29
	Peshawar	000 56	1 05 06	96 02 1	948 08	1 1 7 3 0	- - - 95							+ 3					14
	Parachinar	000 49	5 09 02	96 01 9	983 84	3 1 5 6 0	3 x 9 88	000 60	0 00 00	99 00 1	935 75	0 0 9 0 0	- - - 65	+ 1	- 1	2.8	—	20.6	29
	Miranshah	000 59	3 11 03	97 08 1	911 90	3 0 8 0 0	- - - 94	000 54	0 11 02	98 00 0	908 86	0 0 9 0 0	- - - 78	—	—	0.7	1.1	7.6	13
	Bannu	000 66	1 09 06	97 02 0	953 02	1 3 8 0 0	- - - 03							—					11
	D. I. Khan	000 79	0 00 00	95 00 0	967 02	0 0 9 0 0	- - - 02							- 2					6
	Wana																		13
	Landikotal	000 45	0 13 06	99 00 0	870 97	0 0 9 0 0	- - - 00	000 49	0 00 00	99 00 0	901 87	0 0 9 0 0	- - - xx	—	—	0.2	—	0.8	—
	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	2 23 09	98 01 1	— —	2 8 7 0 0	- - - —	xxx xx	1 09 09	99 01 1	— —	0 0 9 0 1	- x - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 47	5 00 00	96 02 5	876 98	5 5 6 0 0	9 x x 99	000 52	0 00 00	96 00 1	897 81	0 0 9 0 0	- - - 74	- 1	- 1	0	- 1.7	5.9	15
	Hindubagh	000 44	2 25 10	97 01 1	917 92	0 0 9 3 0	7 x 0 01	000 44	0 28 12	97 00 0	947 82	0 0 9 0 0	- - - 65	—	—	0	—	8.3	—
	Loralai	000 71	3 27 05	96 01 1	884 90	0 0 9 2 0	- - 93	000 62	0 27 02	97 00 0	910 78	0 0 9 0 0	- - - 63	—	—	0.1		6.5	—
	Harnai (a)	000 xx	5 11 02	96 02 2	— —	0 0 9 0 5	9 6 x —	000 xx	0 09 02	96 00 2	— —	0 0 9 0 0	- - - xx	-	-	0.8	- 1.0	9.9	14
	Sibi	000 66	0 23 05	98 00 0	957 07	0 0 9 0 0	- - - 07	000 62	0 00 00	98 00 0	984 97	0 0 9 0 0	- - - 80	—	—	0	—	1.6	5
	Quetta †	000 43	1 09 02	97 01 0	925 92	0 0 9 3 0	- - - 94	000 50	0 18 02	97 10 0	937 76	0 0 9 0 0	- - - 60	—	—	0	- 0.2	8.5	9
	Chaman	000 76	0 25 08	97 00 0	891 97	0 0 9 0 0	- - - 99	000 66	0 18 02	97 00 0	918 87	0 0 9 0 0	- - 74	- 3	- 2	0	- 0.1	9.6	8
	Nushki	000 59	0 26 12	97 00 0	945 02	0 0 9 0 0	- - - 05	000 56	0 07 09	97 00 0	940 91	0 0 9 0 0	- - - 82		—	0	—	5 4	—
	Dalbandin *	000 59	0 23 03	95 05 9	901 03	0 0 9 0 0	- - - 04	000 46	0 00 00	95 05 0	916 87	0 0 9 0 0	- - - 71	- 5	- 6	0	0	1.8	4
	Nokkundi	000 78	0 09 02	99 00 0	033 07	0 0 9 0 0	- - - 14	000 75	0 34 02	99 00 0	978 90	0 0 9 0 0	- - - 78	—	—	0	—	0.9	3
	Kalat †	000 73	0 32 05	98 00 0	080 65	0 0 9 0 0	- - - 90	000 54	0 08 05	98 00 0	958 71	0 0 9 0 0	- - - 60	- 1	- 2	0	- 0.5	9.0	7
	Turbat	000 37	0 27 09	97 00 2	996 05	0 0 9 0 0	- - - 06	000 76	8 00 00	96 03 2	044 65	8 0 8 9 0	- - - 79	—	—	0	—	1.4	—
	Panjgur *	000 30	0 27 03	97 00 0	904 09	0 0 9 x x	- - - 01	000 65	0 23 02	97 00 0	927 79	0 0 9 0 0	- - - 70	- 2	- 7	0	—	3.3	6
	Las Bela	000 69	0 18 04	99 00 0	970 99	0 0 9 0 0	- - - 05	000 75	0 00 00	99 00 0	997 85	0 0 9 0 0	- - - 80	—	—	0	—	0.1	3
	Ormara	000 76	0 35 08	96 00 0	010 86	0 0 9 0 0	- - - 88	000 76	1 25 18	95 07 0	020 81	1 5 4 0 0	- - - 81	—	—	0	- 0 3	2.7	6
	Pasni	000 72	0 20 00	96 00 0	017 87	0 0 9 0 0	- - - 89	000 73	0 27 03	96 00 0	037 83	0 0 9 0 0	- - - 77	- 3	- 1	0	- 0.5	4.2	6
	Jiwani																		4
SIND	Reti	000 85	0 31 14	96 00 0	973 08	0 0 9 0 0	- - - 09	000 80	0 18 10	96 00 0	009 91	0 0 9 0 0	- - - 86	—	—	0	—	0.6	—
	Jacobabad	000 64	0 20 03	96 00 0	985 08	0 0 9 0 0	- - - 09	000 73	0 16 02	96 05 0	998 90	0 0 9 0 0	- - - 86	0	+ 1	0	0.7	0.5	4
	Sukkur	000 73	0 27 02	96 05 1	962 07	0 0 9 0 0	- - - 08	000 77	0 20 02	96 00 1	917 87	0 0 9 0 0	- - - 82	—	—	0	—	0.5	4
	Pad Idan	000 68	1 13 02	98 01 1	965 08	1 1 7 0 0	- - - 09	000 71	1 13 09	98 01 1	998 86	0 0 9 0 3	5 9 83	—	—	0	—	0.1	—
	Karachi (Manora)	000 77	0 25 13	97 00 0	019 87	0 0 9 0 0	- - - 88	000 78	7 27 09	96 50 2	029 82	7 6 4 0 0	- - - 81	- 1	0	0	- 2 3	0	3
	Karachi (A. P.)	000 71	0 25 19	96 00 1	011 89	0 0 9 0 0	- - - 93	000 75	6 27 12	96 08 1	026 88	6 6 4 0 0	- - 81	—	—	0		0 1	—
	Badin	000 70	0 23 05	97 00 0	005 99	0 0 9 0 0	- - - 90	000 74	0 23 07	97 00 0	022 88	0 0 9 0 0	- - - 80	+ 5	- 3	0	- 2.5	0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 88	0 20 10	97 00 0	987 03	0 0 9 0 0	- - - 04	000 75	0 22 16	97 00 0	019 86	0 0 9 0 0	- - - 80	—	—	0	—	0	—
	Hyderabad	000 70	0 22 06	97 00 0	980 93	0 0 9 0 0	- - - xx	000 74	8 23 09	94 03 0	011 85	0 0 9 0 7	- x - 85	+ 2	+ 4	0	- 1.9	0.3	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul	000 45	6 32 02	98 02 1	972 86	1 7 8 4 0	- - x 90	000 37	0 20 03	98 00 0	977 77	0 0 9 0 0	- - - 57	—	—	0	—	9.9	12
	Jalalabad	000 76	1 05 02	97 01 0	981 00	0 9 9 7 0	0 x 9 02	000 68	0 00 00	97 00 1	985 61	0 0 9 0 0	- - - 71	—	—	0 5	—	6.9	—
	Kandahar							000 53	0 00 00	97 00 0	888 72	0 0 9 0 7	- x - 76		—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY THE 16TH JULY, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VV ww W	PPPTT	$N_hC_LhC_MC_H$	$W_1D_MD_HT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP,TT	$N_hC_LhC_MC_H$	$W_1D_MD_HT_nT_n$	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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
	Mashed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10
	Bushire	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11
Arabia	Muscat	000 81	9 05 02	97 00 1	997 86	0 0 0 0 8	--- 85	000 78	0 80 13	96 09 0	005 82	0 0 0 0 0	--- 82	- 7	- 5	0	- 0.1	3.5	4
	Sharjah	000 xx	0 05 02	97 00 0	973 97	0 0 3 0 0	--- 88	000 xx	0 90 00	96 00 0	990 92	0 0 0 0 0	--- xx	-- --	-- --	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 (6,500-6,718 feet according to latitude..
†† Barometer readings reduced to 3 geodynamic Kilometre (10,048-10,068 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 Control, 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_aL_a L_a	L_oL_o L_o GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_s v_s app	8 N_s C h_sh_s	O T_sT_s T_dT_d	1 $d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Yenang Yaung	13 250	625 96	8 22 11	97 02 2	058 82	84 8 ---	7 4 102	---	0 01 78	1 22 32
Oanara	13 197	709 06	6 15 05	97 02 1	979 87	68 4 01	3 5 310	---	---	---
Jaljawahar	13 164	584 06	4 22 25	97 02 2	953 90	43 x 60	---	---	---	---
Jahangir	13 181	634 12	7 25 13	98 02 2	049 84	62 7 00	5 5 602	8 7 850	0 00 80	1 25 33
Islami	13 077	752 13	7 21 16	98 02 2	074 81	51 6 50	6 4 300	---	0 02 74	1 21 22
Jaljawahar	13 142	506 18	0 16 15	97 00 0	038 93	00 9 00	---	---	---	---
Islami	13 078	749 18	8 29 10	98 02 2	101 01	64 7 70	0 0 272	---	---	---
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	29
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 (Hdddff)*

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	18	19	20	21	22	23	24	25
Bogra	21 07	21 08	21 10	---	---	---	---	---	---	---	21 21	---	---	---	---	---	21 14	22 14	20 16	25 20	25 17	26 17	---	---
Dhor	21 12	21 15	21 12	29 01	31 04	07 06	05 08	29 09	---	---	17 23	19 23	---	---	---	---	23 26	22 23	22 27	30 31	16 11	01 13	16 17	25 28
Chittagong	19 17	19 25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18 18	19 18	21 17	---	---	---	---	---
Dot's Bazar	18 15	19 17	19 17	22 18	26 19	27 08	---	---	---	---	21 28	21 27	---	---	---	---	16 17	19 15	21 15	22 13	23 15	25 16	---	---
Dacca	20 16	20 17	21 20	---	---	---	---	---	---	---	---	---	24 11	25 19	25 11	21 09	20 19	20 19	21 20	---	---	---	---	---
Dalbandin	---	---	---	---	---	---	---	---	---	---	---	---	---	23 01	23 03	19 03	---	---	19 08	28 26	25 18	26 08	26 09	24 19
Drosh	---	---	---	---	---	---	---	---	---	---	---	---	---	24 11	21 19	22 15	---	---	---	---	02 04	02 10	26 08	23 15
Fort Sandeman	---	---	---	---	---	21 05	32 03	01 05	01 06	31 10	---	---	---	24 12	14 06	26 02	---	---	---	17 08	28 07	23 12	03 06	31 05
Jacobabac	---	---	---	---	---	---	---	---	---	---	17 14	19 11	20 09	24 12	14 06	26 02	19 17	20 11	19 04	02 06	30 06	01 04	10 15	01 10
Jhelum	25 08	25 08	27 08	26 08	31 06	32 11	24 13	25 12	30 25	25 27	15 05	28 02	29 10	31 15	29 11	25 08	---	---	---	---	---	---	---	---
Jiwani	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Karachi	27 27	27 19	27 13	28 08	26 13	01 13	02 05	29 15	---	---	27 17	27 16	26 15	---	---	---	27 17	27 17	29 15	02 19	05 11	---	---	---
Khanpur	27 34	28 05	28 09	24 15	22 07	17 04	---	---	---	---	22 07	24 08	25 16	21 16	04 07	28 09	22 15	28 26	24 31	26 18	27 09	25 08	---	---
Lahore	31 06	27 07	30 03	31 10	31 18	31 11	01 07	28 09	25 19	28 09	21 15	21 15	25 21	24 18	24 08	11 06	24 00	24 00	26 28	30 03	29 24	24 07	25 14	25 09
Multan	25 18	26 09	25 12	26 05	19 05	15 07	---	---	---	---	---	---	29 05	29 06	18 02	12 05	23 19	24 18	24 18	31 05	26 07	22 06	02 11	01 04
Peshawar	---	10 04	15 01	21 04	32 05	30 08	30 18	29 11	29 31	---	---	---	---	---	25 05	20 08	---	---	01 13	01 04	00 23	12 03	22 15	23 20
Quetta	---	---	---	---	32 02	27 08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14 05	25 14	25 05	---
Veraval	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sharjah	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

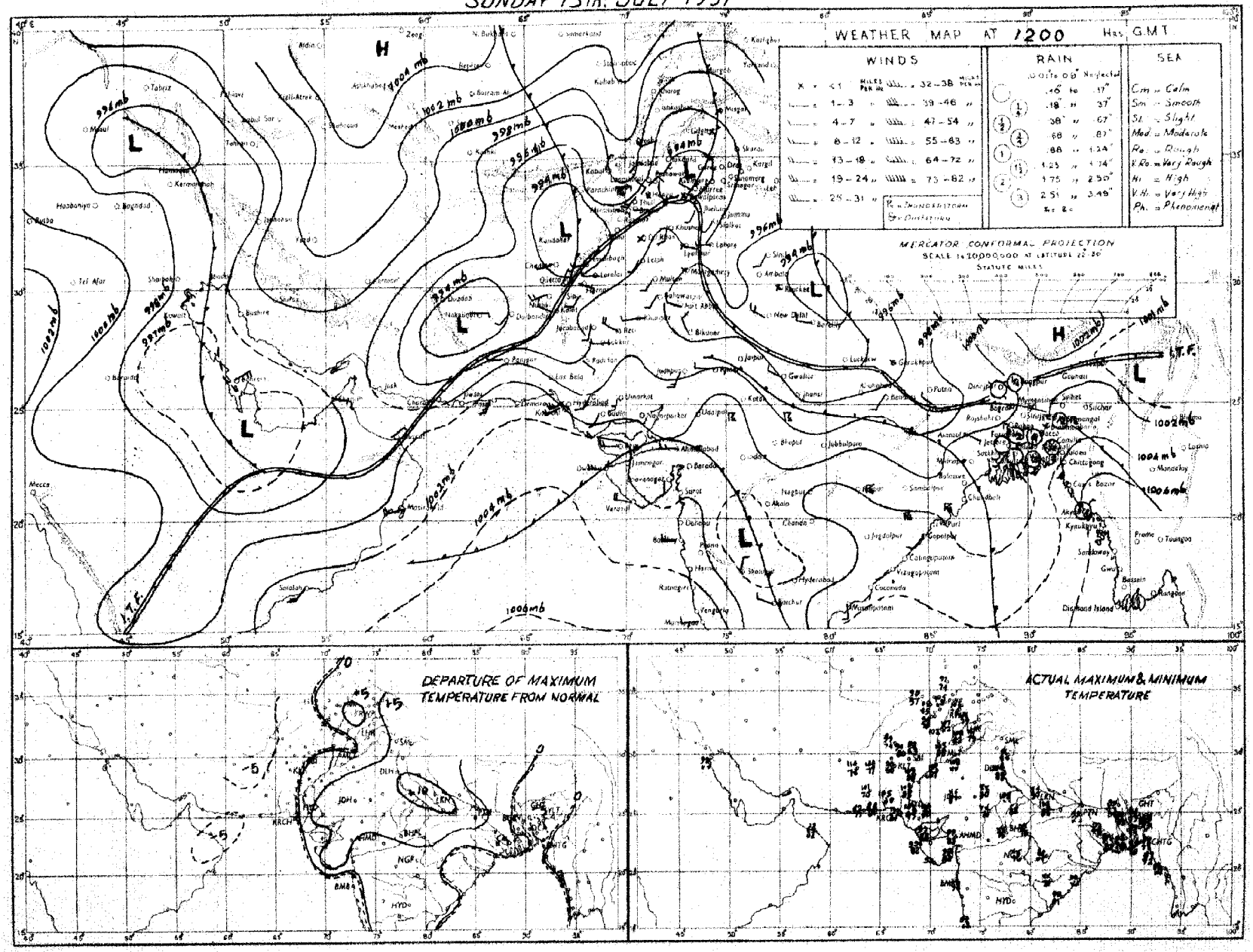
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.4, 0.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

S. P. W.

Cloud Observation Data (iiiGG Cddv, v,)

PAKISTAN DAILY WEATHER MAP

SUNDAY 15th JULY 1951



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

PAKISTAN DAILY WEATHER MAP

MONDAY 16th JULY 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-1467

FOR TUESDAY, THE 17TH JULY, 1951

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

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

Seasonal low extends from the north Punjab to Baluchistan.

Monsoon continues active in East Pakistan.

Fairly widespread rain has occurred in East Pakistan and scattered thunderstorms in the upper North-West Frontier Province.

Chief amounts of rainfall are :—Khulna 2" ; Satkhira, Rangpur 1" each ; Faridpur ¾" ; Cox's Bazar, Chittagong, Jessore, Dinajpur ½" each and Comilla, and Barisal ¼" each.

Day temperatures weer appreciably to markedly above normal in the Punjab and generally appreciably below normal in Eastern Sub-division of East Pakistan.

Forecast valid until the evening of 18th :—Fairly widespread rain/thunderstorms will occur in East Pakistan and scattered thunderstorms in the upper North-West Frontier Province, the extreme north Punjab and Kashmir.

Karachi-11.
The 17th July, 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	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_nT_n$	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	082 75	7 00 00	94 03 6	001 77	5 6 5 2 4	4 × 0 80	057 75	8 00 00	93 63 6	086 77	2 6 5 2 0	2 × 0 73	- 5	- 4	44.7	- 4 7	55.4	140
	Chittagong	060 74	7 16 05	97 02 6	052 80	5 8 5 7 0	4 × 9 83	060 75	6 16 05	97 02 1	072 82	× × × × ×	0 × 9 75	- 8	- 2	43.5	+10.3	73.2	108
	Comilla	020 79	7 18 05	98 03 1	039 82	7 4 7 - -	8 0 0 82	020 77	7 18 09	98 03 1	060 88	7 4 7 - -	9 0 0 77	- 6	9	43.2	+16 8	48 8	118
	Brahmanbaria	000 77	6 18 02	97 02 1	087 83	6 5 4 - -	- - 84	000 78	8 18 09	97 03 1	064 82	× 5 5 1 -	- - - 78	—	—	22.1	+ 1 9	32.0	94
	Dacca	××× 77	7 00 00	96 21 6	023 78	3 8 6 2 0	3 × × 85	××× 80	8 18 03	97 03 2	054 84	4 5 5 4 -	9 × × 76	—	—	—	—		78
	Narayanganj	000 76	8 20 02	95 03 2	027 81	8 0 7 2 -	5 × 0 85	000 79	8 18 03	95 03 2	052 86	8 5 5 - -	9 × × 73	- 3	- 1	33 4	+13 8	52.5	74
	Mymensingh	015 81	8 18 02	98 02 6	028 82	8 7 6 7 4	0 × × 84	015 78	8 09 02	99 02 2	058 82	8 4 7 - -	- - 77	- 4	- 3	26 3	+ 0 2	34.5	91
	Srimangal	003 76	7 18 05	97 02 6	035 82	4 2 7 0 1	7 5 - 85	003 77	7 18 03	97 02 1	066 81	5 3 6 4 1	0 3 5 77	—	—	28 8	+ 2.1	57.7	98
	Khulna	190 77	7 18 02	95 61 6	030 78	7 7 6 - -	1 × × 91	237 99	4 18 02	97 03 1	059 83	4 4 7 0 0	- - - 76	+ 3	- 2	20 7	+ 0 2	26 2	69
	Satkhira	000 76	8 05 03	97 03 1	035 81	× 9 6 6 0	9 0 × 90	119 80	8 23 08	97 03 6	059 82	5 9 6 6 0	2 0 × 75	+ 1	- 3	11 6	8 2	20 1	66
	Jessore	053 75	8 13 02	96 03 6	032 75	8 7 7 - -	4 × × 92	054 73	7 18 09	96 02 2	045 84	7 8 6 - -	1 × × 78	—	—	14 4	4 1	21.5	65
	Faridpur	060 76	8 08 05	95 61 6	019 78	8 7 5 - -	5 × × 83	073 79	8 08 09	97 02 2	050 82	6 4 6 1 0	2 × × 75	- 5	- 3	22 4	+ 2 9	29 3	71
	Barisal	016 77	7 18 08	97 03 6	035 82	3 4 5 2 9	9 × × 84	051 77	3 20 03	97 63 2	062 82	5 8 8 6 2	- - - 78	- 3	- 1	23 8	+ 0 4	33 5	81
	Pabna																		69
	Rampur Boalia																		56
	Sirajganj	000 78	8 18 03	99 02 2	011 81	8 2 7 - -	- - - 85	000 78	8 18 03	99 02 2	047 81	8 2 7 - -	- - - 78	- 3	- 1	27.1	+ 8 5	37.6	64
	Bogra	000 81	6 00 00	96 01 1	012 88	6 2 5 0 0	- - 90	000 78	7 00 00	96 03 9	040 83	3 1 6 7 0	- - - 79	+ 1	0	26 2	+ 6 3	33.0	69
	Dinajpur	000 78	8 00 00	97 02 2	020 84	8 4 7 - -	9 0 0 85	052 75	8 00 00	07 61 6	049 76	8 4 7 - -	9 0 0 74	- 4	- 5	24.2	+ 1 2	28.4	72
	Rangpur	090 ××	8 00 00	96 02 6	— —	8 5 8 - -	- - - —	106 ××	8 11 12	96 02 6	— —	8 5 8 - -	- - - —	—	—	44 6	+16.6	54 3	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 84	0 00 00	96 00 0	946 05	0 0 9 0 0	- - - 07	000 81	0 18 02	96 00 0	968 91	0 0 9 0 0	- - - 87	+ 6	+ 5	1.4	- 1.4	5 7	12
	Lahore	000 64	0 27 03	98 00 0	954 07	0 0 9 0 0	- - - 07	000 68	0 18 02	96 00 0	983 93	0 0 9 0 0	- - - 83	+ 7	+ 4	2 5	- 2.1	6 5	19
	Sialkot	000 60	1 00 00	97 03 1	952 04	0 0 9 0 1	- - - 05	000 72	0 00 00	97 00 0	969 94	0 0 9 0 0	- - - 86	+ 8	+ 6	2.2	5.7	7.1	33
	Jhelum	000 79	1 23 03	97 02 1	952 01	1 1 7 0 0	4 - - 04	000 79	0 00 00	96 00 0	976 94	0 0 9 0 0	- - - 88	—	—	4.7	—	14.1	—
	Rawalpindi	000 60	0 00 00	99 00 0	944 05	0 0 9 0 0	- - - 07	000 68	0 00 00	99 00 0	969 95	0 0 9 0 0	- - - 73	+10	- 4	2.7	3 4	18.6	34
	Murree †	000 54	0 31 08	97 00 0	932 28	0 0 9 0 0	- - - 82	000 56	0 00 00	96 00 0	940 78	0 0 9 0 0	- - - 66	+ 9	+ 8	6.6	8 7	29 2	58
	Attock	××× ××	0 18 05	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 16 05	98 00 0	— —	0 0 9 0 0	- - - —						—
	Khushab	000 73	0 13 03	97 00 0	943 07	0 0 9 0 0	- - - 09	000 72	0 07 06	97 00 0	963 94	0 0 9 0 0	- - - 85	+ 7	+ 3	1.7	1.5	7.4	14
	Montgomery	000 66	0 00 00	96 00 0	887 08	0 0 9 0 0	- - - 09	000 72	0 28 07	97 00 0	986 92	0 0 9 0 0	- - - 84	+ 6	0	1.6	- 1.0	5.7	10
	Leiah	000 99	0 23 08	97 00 0	945 09	0 0 9 0 0	- - - 12	000 88	0 23 05	97 00 0	961 94	0 0 9 0 0	- - - 88	—	—	0	—	5 7	8
	Multan							000 70	0 18 09	96 00 0	972 92	0 0 9 0 0	- - - 88		+ 3	1.3	- 1 1	4 4	7
	Khanpur	000 89	0 25 08	95 05 0	946 00	0 0 9 0 0	- - - 12	000 81	0 23 11	95 05 0	996 89	0 0 9 0 0	- - - 85	+ 5	+ 2	0.2	1 1	1.9	4
	Bahawalpur	000 71	0 27 02	98 00 0	966 09	0 0 9 0 0	- - - 10	000 76	0 23 14	97 00 0	995 90	0 0 9 0 0	- - - 88	+ 5	+ 4	0	1 3	3 1	6
	Fort Abbas	000 60	0 23 05	96 00 0	946 11	0 0 9 0 0	0 - - 12	000 69	0 23 05	96 00 0	984 98	0 0 9 0 0	0 × × 79		—	0.3		1.2	8
N. W. F. P.	Drosh *	000 38	5 25 14	98 08 1	884 95	5 3 6 0 0	3 - - 99	000 50	0 00 00	98 00 1	915 81	0 0 9 0 0	9 × × 73	+ 3	0	0.5	—	20 5	18
	Chakdara	000 68	0 18 03	99 00 0	930 01	0 0 9 0 0	- - - 03	000 69	0 27 02	98 00 0	971 87	0 0 9 0 0	- - - 78	—	—	0 3	—	12.6	—
	Cherat *	000 78	0 18 09	97 00 0	901 97	0 0 9 0 0	- - - 98	000 63	0 18 02	97 00 0	915 85	0 0 9 0 0	- - 82	+ 9	+11	0 7	2 7	22 8	39
	Peshawar	000 59	2 02 05	96 03 1	934 07	2 9 6 0 0	- - - 07	000 65	1 36 02	95 05 1	988 96	1 1 7 0 0	- - - 82	+ 5	+ 2	0.2	- 0.8	7.5	14
	Parachinar	000 50	4 18 02	96 02 2	930 90	2 2 5 6 0	4 - 5 92	000 54	0 00 00	99 00 9	928 80	0 0 9 0 0	9 × × 68	+ 5	+ 2	2.8	—	20 6	29
	Miranshah	000 51	0 11 03	98 00 0	879 01	0 0 9 0 0	- - - 03	000 58	0 00 00	99 00 0	889 ××	0 0 9 0 0	- - - 82	—	—	0.7	- 1.1	7.6	13
	Bannu	000 61	0 09 05	97 05 4	933 05	0 0 9 0 0	- - - 06	000 77	0 00 00	97 05 4	960 92	0 0 9 0 0	- - - 84	—	—	0.7	—	5.0	11
	D. I. Khan	000 60	0 16 02	96 00 0	933 03	0 0 9 0 0	- - - 08	000 76	0 09 07	96 00 0	951 92	0 0 9 0 0	- - - 79	+ 5	- 4	0.6	1 2	2.3	9
	Wana																		11
	Landikotal	000 53	3 13 03	98 02 1	875 90	2 1 0 0 0	- - - 00	000 59	0 31 02	98 00 0	892 90	0 0 9 0 0	- - - 77	—	—	—	—	—	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thull	××× ××	3 18 09	99 01 1	— —	2 8 2 0 1	- - - —	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 25	2 00 00	97 01 1	849 00	0 0 9 2 0	- - - 02	000 55	0 00 00	96 00 1	905 83	0 0 9 0 0	- - - 77	+ 2	+ 2	0	- 1.7	5.9	11
	Hindubagh	000 46	0 23 09	97 00 0	922 94	0 0 9 0 0	- - - 95	000 30	0 25 09	98 00 0	935 82	0 0 9 0 0	- - - 70	—	—	0	—	8.3	—
	Loralai	000 78	2 23 05	96 01 0	914 95	0 0 9 4 0	- - - 98	000 65	0 00 00	96 00 0	912 81	0 0 9 0 0	- - - 70	—	—	0.1		6 5	—
	Harnai (a)	000 ××	0 31 05	98 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 09 02	97 00 0	— —	0 0 9 0 0	- - - —	—		0.8	- 1.1	9.3	14
	Sibi	000 64	0 27 05	98 00 0	914 12	0 0 9 0 0	- - - 12	000 71	0 16 05	98 00 0	987 94	0 0 9 0 0	- - - 89	—	—	0		1.6	5
	Quetta †	000 37	0 31 05	98 00 0	923 93	0 0 9 0 0	- - - 95	000 81	0 16 02	97 10 0	933 76	0 0 9 0 0	- - - 66	—	—	0	- 0 2	8.5	9
	Chaman	000 70	0 27 05	97 00 0	886 98	0 0 9 0 0	- - - 00	000 66	0 11 03	97 00 0	905 91	0 0 9 0 0	- - - 76	- 1	—	0	- 0.1	9.6	8
	Nushki	000 66	0 31 12	98 00 0	920 06	9 0 9 0 0	- - - 07	000 60	0 09 17	97 00 0	957 91	0 0 9 0 0	- - - 84	—	—	0	—	5.4	—
	Dalbandin *	000 32	0 31 05	95 05 0	898 06	0 0 9 0 0	- - - 07	000 41	0 31 02	95 05 0	904 90	0 0 9 0 0	- - - 76	- 3	- 1	0	0	1.8	4
	Nokkundi	000 68	0 34 02	99 00 0	913 10	0 0 9 0 0	- - - 12	000 72	0 84 02	99 00 0	963 91	0 0 9 0 0	- - - 75	—		0		0.9	2
	Kalat †	000 68	0 00 00	98 00 0	923 90	0 0 9 0 0	- - - 93	000 52	0 18 02	98 00 0	945 68	0 0 9 0 0	- - - 59	+ 2	- 3	0	0.5	9.0	7
	Turbat	000 87	0 27 05	96 00 2	975 07	0 0 9 0 0	- - - 07	000 79	6 00 00	95 02 2	994 83	6 0 8 2 0	9 0 × 80	—	—	0	—	1.4	—
	Panjgur *	000 44	1 31 03	97 03 0	900 01	0 0 9 0 1	1 6 × 02	000 65	0 00 00	97 00 0	916 82	0 0 9 0 0	- - - 71	- 3	- 6	0	—	3.2	5
	Las Bela	000 69	0 16 05	99 00 0	947 99	0 0 9 0 0	- - - 06	000 75	0 00 00	99 00 0	987 85	0 0 9 0 0	- - - 80	—	—	0	—	0.1	3
	Ormara	000 77	0 25 13	96 07 0	997 86	0 0 9 0 0	- - - 80	000 72	4 25 13	95 08 1	013 81	1 5 6 5 0	- - - 80	—	—	0	- 0.3	2.7	6
	Pasni	000 79	0 23 11	94 09 4	000 86	0 0 9 0 0	- - - 83	000 76	4 25 03	96 01 1	015 82	4 5 7 0 0	- - - 77	- 3	- 1	0	- 0.5	4.2	6
	Jiwani																		4
SIND	Reti	000 75	0 19 05	96 00 0	961 11	0 0 9 0 0	- - - 13	000 81	0 18 07	96 00 0	007 89	0 0 9 0 0	- - - 88	—		0	—	0.4	—
	Jacobabad	000 65	0 16 05	96 00 0	953 09	0 0 9 0 0	- - - 10	000 73	0 13 09	96 00 0	998 87	0 0 9 0 0	- - - 84	+ 2	- 1	0	0.7	0.5	4
	Sukkur	000 69	0 20 02	96 00 0	952 07	0 0 9 0 0	- - - 08	000 74	0 20 02	96 00 0	987 84	0 0 9 0 0	- - - 81	—	—	0	—	0.5	4
	Pad Idan	000 64	4 16 05	98 08 1	960 07	0 0 9 0 8	- - - 05	000 74	4 13 09	98 01 1	985 84	9 0 9 0 8	- - - 80	—		0	—	0.1	—
	Karachi (*Manora*)	000 76	6 25 13	96 02 2	995 85	3 6 4 1 0	- - - 87	000 77	8 25 09	94 10 2	017 81	8 6 4 - -	- - - 89	- 1	- 1	0	- 2 4	0	5
	Karachi (*A. P.*)	000 74	7 25 21	96 02 1	994 87	8 5 5 0 6	- - - 89	000 76	8 25 12	96 08 5	017 86	8 6 5 - -	- - - 81	—	—	0		0 1	—
	Badin	000 73	0 23 06	97 00 0	995 96	0 0 9 0 0	- - - 97	000 74	0 28 06	97 00 0	022 84	0 0 9 0 0	- - - 81	0	- 1	0	2.5	0	8
	Nagarparkar																		
	Chhor (*Umarkot*)	000 73	0 21 12	97 00 0	985 09	0 0 9 0 0	- - - 09	000 75	0 22 10	97 00 0	012 87	0 0 9 0 0	- - - 80	—	—	0	—	0	—
	Hyderabad	000 78	4 23 05	97 01 0	984 98	0 0 9 0 8	- - - 02	000 75	6 23 10	94 63 1	009 85	0 0 9 0 4	- - - 81	+ 3	0	0	- 1.0	0.2	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 45	8 02 02	98 02 1	942 94	3 3 6 0 0	- - - 95							—					12
	Jalalabad							000 70	0 00 00	96 00 1	984 82	0 0 9 0 0	9 × × 79	—	—	0.5	—	5.9	—
	Kandahar	000 60	0 00 00	98 00 0	855 99	0 0 9 0 0	- - - 02	000 58	0 00 00	97 00 0	868 75	0 0 9 0 0	- - - 59	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY THE 17TH JULY, 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	VVwwW	PPPTT	$N_hC_tnC_mC_n$	$W_tD_aD_mT_xT_x$	RRR T_dT_d	N dd ff	VVwwW	PPP.TT	$N_hC_thO_mO_n$	$W_tD_aD_mT_nT_n$	T_xT_x	T_nT_n	Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sind	Charbar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jask	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mashed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
Arabia	Muscat	000 81	0 05 02	98 00 0	995 87	0 0 9 0 0	- - - 91	000 79	0 21 05	97 00 0	995 85	0 0 9 0 0	- - - 81	- 3	- 4	0	- 0.1	3.3	4
	Shariab	000 xx	0 07 02	97 00 0	992 01	0 0 9 0 0	- - - 01	000 xx	0 27 05	97 00 0	993 99	0 0 9 0 0	- - - xx	- -	- -	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 (6,499-6,512 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 Centre, 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_a	L_oL_o GG	N dd ff	VV ww W	PPP TT	$N_hC_thC_mC_n$	D_sv_s app	8 $N_sC_thh_th_t$	O $T_sT_sT_dT_d$	1 $d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Prince	25 075	758 04	8 19 18	97 81 6	127 72	87 8 xx	6 5 800			
Islami	23 081	734 06	7 29 10	98 18 2	196 82	67 7 79	6 4 800		0 01 75	1 29 20
Tilaadine	25 070	762 02	8 30 15	98 03 2	092 75	41 6 2x	2 5 604		0 51 77	1 32 22
Silami	23 080	715 12	7 27 10	98 25 8	081 82	70 8 80	6 4 800		0 01 72	1 28 22
Olan	25 058	718 15	8 28 09	98 51 6	082 79	63 x 2x	6 3 xxx		0 52 76	1 28 24
Olan Heckinnon	25 088	711 18	8 27 09	98 50 5	122 76	62 x 1x	6 3 xxx			
Islami	24 080	704 12	8 27 09	98 50 2	114 79	78 0 80	6 4 815		0 52 75	
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION | TEMP CODE :— iiiGG PoPoPoToTo TdoTdoTxoX₁X₂ P₁P₂h₁h₂h₃ T₁T₁TdT₁TdT₁Tx₁ etc: 5555 h₂h₂P₁P₁P₁' T₁T₁TdT₁TdT₁Tx₁ 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 28	244 60	854 71	251 86	700 29	179 11	509 29	019 94	802 24	749 97	201 50	988 01	556 56	310 00	222 07	888 77	222 02	598 18	281 71	858 00	261 67	456 00	065 84	625 65

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	18	19	20	21	22	23	24	25
Bogra	22 05	21 06	25 06	...	...	...	...	...	...	...	19 18	...	...	...	...	...	17 15	20 09	...	...	...	...	...	...
Dhaka	21 10	20 17	20 17	18 13	16 07	07 09	16 17	...	...	...	...	...	...	...	...	...	23 17	27 24	23 28	26 25	...	...	...	...
Chittagong	25 07	25 09	26 12	29 10	...	...	...	...	...	...	17 21	15 28	20 19	...	...	...	18 15	18 14	19 18	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	16 11	19 11	23 12	22 12	23 09	...	...	...	...	26 19	...	...	...	...
Dacca	17 16	...	...	...	...	...	...	...	...	...	19 16	19 24	20 20	...	...	...	19 28	20 25	...	...	...	...	...	...
Daibandin	...	...	25 08	24 10	22 15	19 05	04 04	23 06	...	...	...	...	20 09	25 07	25 07	32 04	...	...	14 02	18 04	25 02	25 06	25 06	01 17
Drosh	...	...	...	...	23 09	20 06	15 05	20 09	...	...	...	...	...	00 01	25 01	19 06	...	...	...	...	03 03	18 04	24 02	27 21
Port Sandeman	...	...	...	06 02	11 05	28 10	27 12	29 10	29 13	30 03	...	...	...	26 03	29 19	28 18	...	...	22 01	21 09	21 08	00 03	24 07	26 07
Sacobabad	16 07	17 05	18 04	22 05	01 07	03 06	09 09	26 11	30 28	29 42	18 20	18 15	19 09	18 25	14 07	11 07	17 16	19 09	06 04	22 05	22 06	25 05	07 19	05 05
Sherum	22 07	21 09	20 09	23 04	24 05	22 09	25 14	29 12	...	...	09 09	26 09	26 21	28 05	25 06	...	11 07	13 22	13 13	21 04	24 09	21 06	22 18	23 23
Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	25 19	27 19	30 13	25 13	...	...	...	...	...	...	26 17	27 15	22 11	...	...	...	26 20	27 23	...	...	...	...	...	...
Khanpur	24 17	25 23	21 20	21 42	...	...	...	...	...	...	21 21	21 25	25 23	22 17	21 10	...	22 17	22 24	25 23	26 18	26 14	26 16	22 22	19 04
Lahore	24 02	01 02	27 01	27 01	01 02	23 14	22 10	23 16	26 19	25 27	16 11	27 06	21 04	27 03	24 05	27 09	23 10	19 17	19 17	22 07	24 04	24 09	27 05	...
Multan	20 06	20 07	20 15	...	...	...	...	...	...	...	23 25	23 26	25 26	...	...	...	23 24	22 26	22 17	22 12	22 11	20 23	20 11	17 07
Peshawar	...	...	...	...	...	...	...	...	...	...	...	19 00	19 11	21 13	22 20	22 10	...	24 09	19 01	23 05	22 06	19 23	20 05	17 18
Quetta	...	...	...	...	23 05	22 04	21 01	21 04	...	...	...	...	...	...	21 11	21 00	...	...	...	...	15 06	19 15	23 09	...
Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shariat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

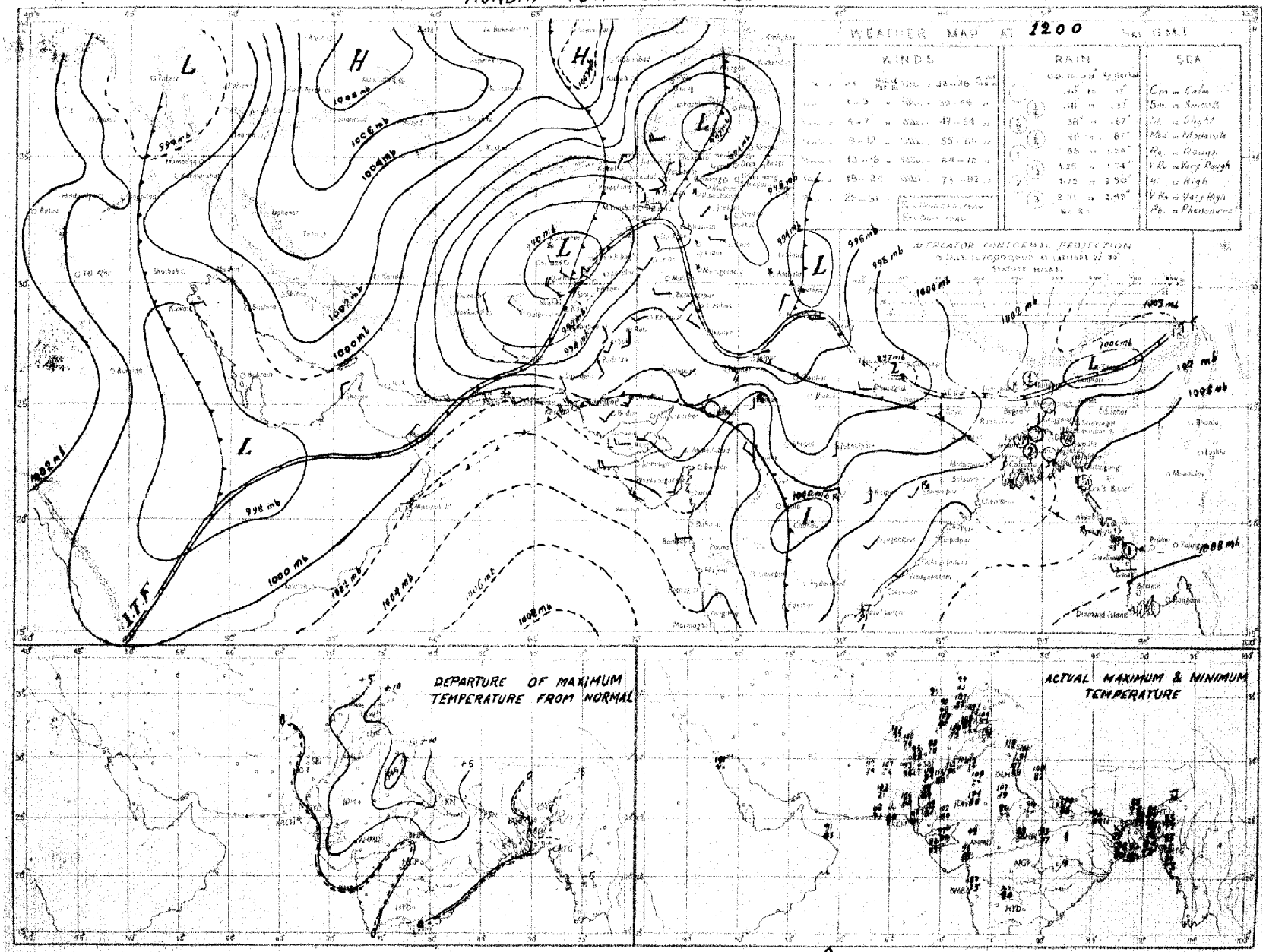
Cloud Observation Data (iiiGG Cddv, v,)

* 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, 0.9, 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 of

E. P. W.

PAKISTAN DAILY WEATHER MAP

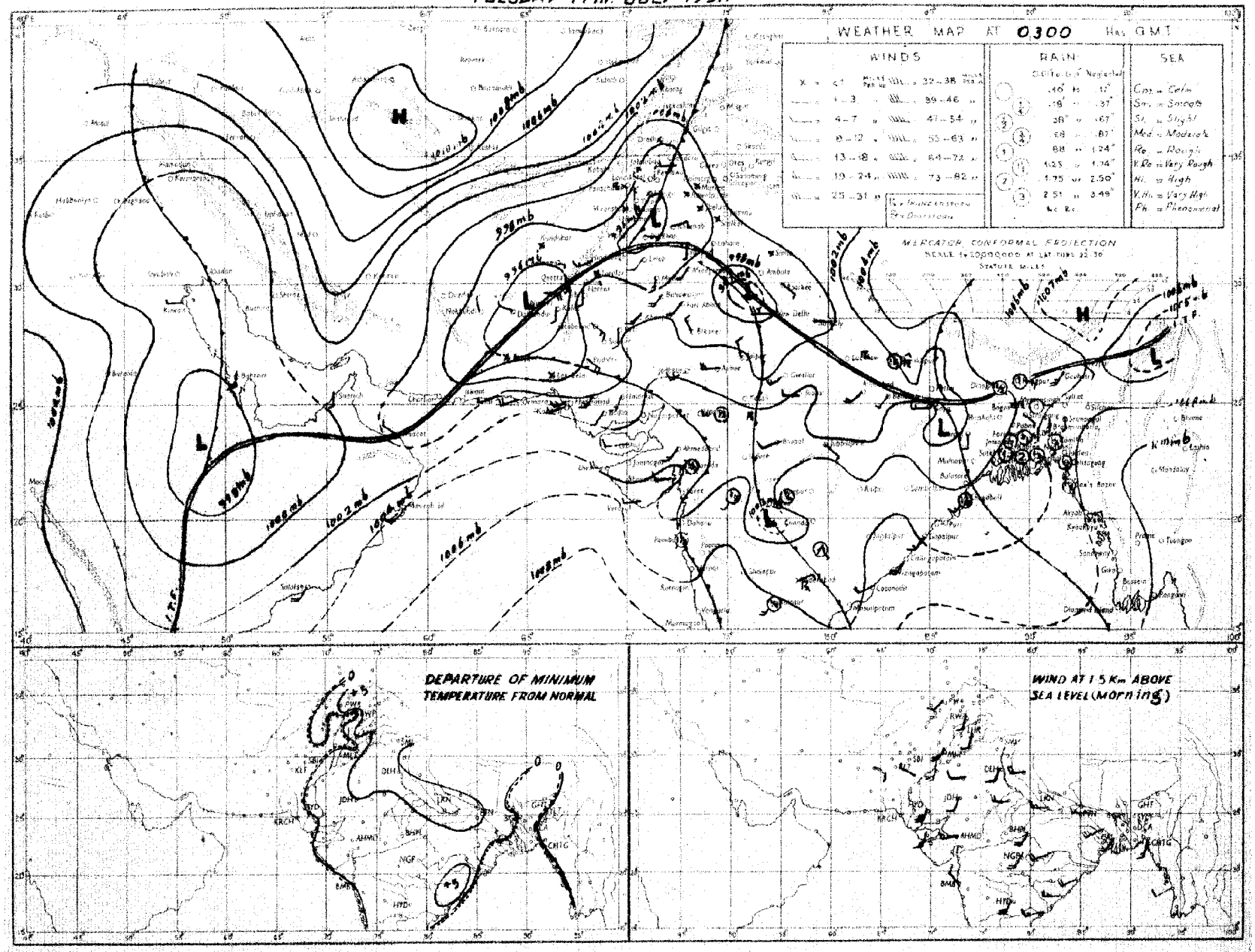
MONDAY 16 th: JULY 1951



Rainfall amounts indicated in the above chart refer to past hours

PAKISTAN DAILY WEATHER MAP

TUESDAY 17th. JULY 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-1467

FOR WEDNESDAY, THE 18TH JULY, 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 Kashmir.

Monsoon is strengthening in East Pakistan.

Thunderstorms/showers have been fairly widespread in the upper North-West Frontier Province and scattered in the extreme north Punjab. Local rain has been reported from East Pakistan.

Chief amounts of rainfall are :—Faridpur 3"; Satkhira, 1¼"; Bogra and Murree 1" each; Chakdara and Cherat ¾" each and Cox's Bazar, Srimangal and Peshawar ½" each.

Day temperatures were considerably above normal in the north Punjab and appreciably to markedly above normal in the south Punjab and the lower North-West Forntier Province.

Forecast valid until the evening of 19th :—Widespread and locally heavy rain will occur in East Pakistan. Local rain/thundershowers will occur in Kashmir, the upper North-West Frontier Province and the extreme north Punjab and scattered dust/thunderstorms in the plains of Punjab. Low clouds and moderate to strong surface winds will occur along Sind-Mekran coast.

Karachi-11.
The 18th July, 1951.

OBSERVATIONS.

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division (1)	Station (2)	At 1200 Hrs. G. M. T. of previous day: RRRTdTd (3)	N dd ff (4)	VVwwW (5)	PPPTT (6)	NhCLhCMCH (7)	WtDsDMTxTx (8)	At 0300 Hrs. G. M. T. of date: RRRTdTd (9)	N dd ff (10)	VVwwW (11)	PPPTT (12)	NhCLhCMCH (13)	WtDsDMTnTn (14)	Departure from Normal: TxTx (15)	TnTn (16)	Rainfall: Since 1st June 51 to date (17)	Departure from normal (18)	Since 1st Jan 51 to date (19)	Annual normal (20)
EAST PAKISTAN	Cox's Bazar	084 76	6 18 03	95 02 6	054 80	3 5 6 2 0	9 – × 33	084 75	5 18 02	96 02 5	070 85	2 5 8 2 0	9 – × 75	- 2	- 2	45.1	- 5.4	54.8	140
	Chittagong	000 75	5 20 18	97 02 1	040 83	3 8 5 7 1	3 3 3 99	000 74	4 16 03	97 02 1	062 83	2 8 5 7 0	- 9 76	- 1	1	48.5	+ 9.7	73.2	108
	Comilla	015 76	2 18 09	98 03 1	039 84	2 2 7 0 0	9 - 84	015 73	6 13 09	98 03 1	958 84	6 4 7 0 0	9 - - 77	- 4	0	43.3	+16.5	40.0	115
	Brahmanbaria	000 77	4 18 05	97 02 1	045 83	4 4 6 0 0	- - 88	000 77	5 18 05	97 01 1	059 82	2 5 5 4 6	4 4 77	—	—	23.6	+ 8.0	33.5	96
	Dacca	××× 78	7 18 05	97 02 2	023 85	6 8 4 1 0	3 - × 88	000 78	7 16 05	98 02 2	049 84	7 8 4 0 0	- - - 78	—	—	—	—		76
	Narayanganj	010 79	7 18 05	95 03 6	024 84	5 5 5 7 0	6 - × 89	010 77	6 13 05	95 03 2	046 82	8 4 5 4 1	9 × × 79	+ 1	0	33.5	+13.5	52.6	74
	Mymensingh	000 78	8 09 02	99 02 2	025 86	8 4 7 -	- × 89	000 78	5 09 02	99 02 2	063 84	5 4 7 0 0	- - 80	0	+ 2	26.3	0.6	84.5	91
	Srimangal	019 79	7 18 09	97 02 6	031 83	4 8 7 0 1	6 6 - 87	019 77	7 18 02	97 02 1	064 83	4 8 6 4 1	- 5 6 76	—	—	29.0	+ 1.9	57.9	93
	Khulna	000 76	4 18 05	97 00 2	028 83	4 5 7 0 0	- - - 89	000 77	3 13 02	96 01 0	051 86	3 4 7 0 0	- - - 79	+ 1	+ 1	19.7	+ 0.7	28.2	61
	Satkhira	126 80	8 23 02	97 02 6	014 83	6 4 6 6 0	3 - × 90	126 80	6 13 02	97 02 6	054 87	6 4 7 6 0	9 - × 79	+ 2	+ 1	12.9	7.4	21.4	65
	Jessore	017 79	8 13 02	96 02 6	026 83	8 8 6 - -	- - 98	017 80	5 18 05	96 02 2	043 87	5 8 6 0 0	- - ××	—		14.5	3.3	21.7	66
	Faridpur	256 00	7 03 05	96 62 8	025 82	4 4 6 1 0	4 - × 82	256 80	6 06 09	97 02 5	043 85	5 4 6 1 0	2 × 77	- 6	- 1	25.0	+ 5.1	32.3	71
	Barisal	000 77	8 18 02	96 61 1	028 82	5 7 5 2 8	- × × 86	000 78	4 16 02	97 02 1	054 85	2 4 6 4 8	- × × 79	- 1	0	24.3	- 0.2	34.0	81
	Pabna																		58
	Rampur Boalia																		58
	Sirajganj	000 77	6 00 00	99 02 2	000 80	3 2 8 - -	- - - 85	000 80	4 13 03	98 01 1	041 81	3 3 8 6 0	- - × 80	- 3	+ 1	27.1	+ 8.1	37.6	64
	Bogra	102 77	8 00 00	96 01 9	012 78	8 4 4 - -	- - - 89	102 79	8 11 08	96 17 9	046 84	4 9 5 2 -	- - × 77	0	- 2	27.2	+ 7.0	34.0	69
	Dinajpur	000 77	6 00 00	97 02 2	038 82	0 0 9 4 0	9 - × 82	000 78	4 00 00	97 02 2	053 84	0 0 9 4 0	- - × 75	- 7	- 4	24.2	+ 0.8	28.4	72
	Rangpur	000 ××	6 00 00	97 02 1	—	6 5 8 0 0	- - - —	000 ××	2 09 02	98 02 1	—	2 1 8 0 0	- - - ××	—	—	44.6	+16.4	54.2	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Bonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 89	0 25 05	96 05 4	924 08	0 0 9 0 0	5 0 0 09	000 82	0 16 02	96 00 0	964 90	0 0 9 0 0	- - - 85	+ 8	+ 3	1.4	- 1.5	5.7	12
	Lahore	000 60	0 28 03	96 00 0	938 08	0 0 9 0 0	- - 09	000 71	1 31 03	95 05 1	980 92	0 0 9 4 0	3 - 9 85	+ 9	+ 6	3.5	- 2.3	6.5	19
	Sialkot	000 85	3 29 02	97 03 1	923 08	3 2 6 0 0	- - - 08	000 61	4 05 02	97 02 1	975 93	0 0 8 6 0	- - × 87	+11	+ 7	2.2	5.0	7.1	32
	Jhelum	000 72	3 23 03	96 03 0	922 05	1 1 7 0 1	- - - 08	000 71	4 00 00	97 03 1	975 87	0 0 9 5 0	9 5 84		—	4.7	—	14.1	—
	Rawalpindi	000 63	6 36 05	96 01 1	939 04	6 2 7 0 0	- - 98	000 63	6 00 00	99 08 9	997 87	6 2 7 0 0	9 - - 82	+11	+ 5	2.7	- 3.7	18.6	30
	Murree †	000 53	6 11 14	95 02 1	904 77	6 9 4 0 0	6 × × 81	090 47	8 02 14	96 03 9	935 64	8 5 5 - -	9 - - 53	+ 3	- 5	7.5	3.2	30.1	58
	Attock	××× ××	5 13 05	96 30 0	—	5 0 6 2 0	- - - —	××× ××	2 36 02	95 00 3	—	2 × 7 0 0	9 1 1 ××					—	—
	Khushab	000 77	0 16 05	97 00 0	911 10	0 0 9 0 0	- - - 11	000 73	2 11 05	96 03 1	966 92	0 0 9 1 0	- - × 63	+ 9	+ 1	1.7	1.6	7.4	16
	Montgomery	000 59	0 18 08	96 00 0	933 08	0 0 9 0 0	- - - 09	000 71	0 13 02	97 00 0	974 92	0 0 9 0 0	- - - 87	+ 6	+ 3	1.6	1.0	5.2	10
	Leiah	000 03	0 23 07	96 00 0	927 11	0 0 9 0 0	- - - 13	000 83	0 31 07	96 00 0	962 92	0 0 9 0 0	- - - 88	—	—	0	—	5.7	8
	Multan	000 60	0 28 05	97 00 0	9×5 08	0 0 9 0 0	- - - 09	000 72	0 18 05	97 00 0	973 90	0 0 9 0 0	- - - 87	+ 7	+ 2	1.3	- 0.1	4.4	7
	Khanpur	000 91	0 23 05	94 05 0	950 10	0 0 9 0 0	- - - 11	000 81	0 23 13	94 04 0	918 89	0 0 9 0 0	- - ××	+ 4		0.2	1.2	1.9	4
	Bahawalpur	000 71	0 18 02	97 00 0	033 09	0 0 9 0 0	- - - 10	000 75	0 23 14	97 00 0	982 89	0 0 9 0 0	- - - 86	+ 5	+ 2	0	1.4	3.1	6
	Fort Abbas	000 89	0 28 05	96 00 0	937 10	0 0 9 0 0	0 × × 11	000 71	0 23 05	96 00 0	989 92	0 0 9 0 0	- - - 77		—	0.3	—	1.2	8
N. W. F. P.	Drosh *	002 43	1 00 00	99 01 9	868 91	0 0 9 3 0	7 × 9 02	016 59	8 00 00	97 60 9	957 67	5 5 7 2 -	8 9 68	5	- 10	0.5	—	20.7	18
	Chakdara	045 67	8 18 07	99 02 8	003 73	8 5 6 0 0	1 × × ×3	045 61	6 31 10	98 01 8	008 75	6 5 6 0 0	2 - 71	—	—	0.7	—	18.0	—
	Cherat *	000 62	3 16 07	97 01 9	875 94	0 0 9 5 2	2 0 0 94	056 63	2 34 12	97 01 1	928 71	2 1 9 0 0	6 - 68	+ 5	- 3	1.3	- 2.4	23.3	30
	Peshawar	000 56	2 23 10	96 01 1	920 99	3 4 7 0 0	- - - ××	024 56	0 26 03	96 00 9	001 85	0 0 9 0 0	- - - 73	×	- 7	0.4	- 0.6	7.7	14
	Parachinar	012 52	5 09 02	96 02 9	909 85	8 2 5 6 0	3 × 9 91	017 57	7 00 00	96 02 9	921 71	4 2 5 6 0	2 × 0 66	+ 4	0	3.0	—	20.8	30
	Miranshah	000 54	4 13 03	98 01 1	851 03	4 × 7 0 0	- - - 04	000 57	0 00 00	98 00 0	898 90	0 0 9 0 0	- 81	—	—	0.7	1.2	7.6	13
	Bannu	000 60	0 09 05	97 05 4	901 06	0 0 9 0 0	- - - 06	000 64	0 09 02	97 05 4	972 89	0 0 9 0 0	- - - 53	—	—	0.7	—	5.6	11
	D. I. Khan	000 70	0 16 02	96 00 6	910 08	0 0 9 0 0	- - - 08	000 71	0 02 05	94 07 0	553 88	0 0 9 0 0	- - - 80	+ 5	- 3	0.6	- 1.3	2.3	9
	Wana																		11
	Landikotal	060 57	3 23 07	98 02 8	852 94	3 4 6 0 0	- - - 09	003 62	0 00 00	97 00 9	904 79	0 0 9 0 0	- - - 72	—	—	0.3	—	9.9	—
	Hangu	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - ××	—	—	—	—	—	—
	Thall	××× ××	2 27 09	98 01 1	—	2 8 7 0 0	- - - —	××× ××	3 00 00	99 01 1	—	1 8 7 2 0	- - × ××	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 38	0 05 03	97 00 0	847 03	0 0 9 0 0	- - - 04	000 53	0 00 00	96 00 0	879 81	0 0 9 0 0	- - - 74	+ 4	- 1	0	- 1.8	5.9	11
	Hindubagh	000 38	0 29 10	97 00 0	005 94	0 0 9 0 0	- - - 98	000 37	0 28 15	97 00 0	949 80	0 0 9 0 0	- - - 70	—	—	0	—	8.2	—
	Loralai	000 74	0 18 05	97 00 0	856 96	0 0 9 0 0	- - - 98	000 65	0 00 00	98 00 0	895 80	0 0 9 0 0	- - - 63	—	—	0.1		6.5	—
	Harnai (a)	000 ××	0 09 02	96 00 0	—	0 0 9 0 0	- - - —	000 ××	0 00 00	96 00 0	—	0 0 9 0 0	- - - ××			0.7	- 1.3	9.3	14
	Sibi	000 68	0 23 05	99 00 0	936 09	0 0 9 0 0	- - - 10	000 72	0 23 05	98 00 0	976 91	0 0 9 0 0	- - - 88	—		0		1.6	5
	Quetta †	000 38	0 34 03	98 00 0	016 93	0 0 9 0 0	- - - 95	000 51	0 00 00	98 00 0	918 74	0 0 9 0 0	- - - 82	—		0	- 0.3	8.5	9
	Chaman	000 60	0 31 05	97 00 0	879 00	0 0 9 0 0	- - - 02	000 64	0 23 05	97 00 0	899 83	0 0 9 0 0	- - 74	+ 1	- 2	0	- 0.1	9.6	9
	Nushki	000 68	0 29 14	97 00 0	923 08	0 0 9 0 0	- - - 10	000 66	0 09 05	97 00 0	952 91	0 0 9 0 0	- - - 83		—	0	—	5.4	—
	Dalbandin *	000 68	0 23 08	95 05 0	890 10	0 0 9 0 0	- - - 11	000 55	0 00 00	95 05 0	906 87	0 0 9 0 0	- - - 76	+ 1	- 1	0	0	1.8	4
	Nokkundi	000 58	0 34 09	97 06 0	912 10	0 0 9 0 0	- - - 13	000 61	0 00 00	99 00 1	954 96	0 0 9 0 0	- - - 90	—		0		0.9	2
	Kalat †	000 71	0 32 05	98 00 0	033 90	0 0 9 0 0	- - - 92							+ 1					7
	Turbat	000 89	0 23 05	97 00 2	980 05	0 0 9 0 0	- - - 07	000 78	0 18 03	96 00 0	976 85	0 0 9 0 0	- - - 80		—	0	—	1.4	—
	Panjgur *	000 49	4 05 02	97 03 0	887 05	0 0 9 2 0	1 × 8 06	000 68	0 36 02	97 00 0	909 80	0 0 9 0 0	- - 73	+ 1	4	0	—	3.2	5
	Las Bela	000 75	0 16 06	99 00 0	073 96	0 0 9 0 0	- - - 99	000 75	4 00 00	99 00 0	007 89	0 0 9 0 4	1 0 × 80	—	—	0	—	0.1	8
	Ormara	000 77	1 25 13	95 03 0	012 87	1 5 6 0 0	- - - 89	000 72	4 25 09	95 03 1	012 82	4 5 6 0 0	- - 80	—	—	0	- 0.2	2.7	6
	Pasni	000 74	0 23 10	95 00 0	993 86	0 0 9 0 0	- - - 89	000 76	4 13 03	96 01 1	005 78	4 5 7 0 0	- - - 76	- 2	- 2	0	- 0.5	4.2	6
	Jiwani																		4
SIND	Beti	000 00	0 23 05	96 00 0	951 11	0 0 9 0 0	- - - 12	000 81	0 18 07	96 00 0	997 88	0 0 9 0 0	- - - 87	—		0	—	0.6	—
	Jacobabad	000 66	0 18 06	97 00 0	943 07	0 0 9 0 0	- - - 09	000 73	0 13 09	96 00 0	980 80	0 0 9 0 0	- - - 82	+ 1	- 3	0	0.8	0.5	4
	Sukkar	000 74	0 20 08	96 00 0	946 09	0 0 9 0 0	- - - 09	000 73	0 20 08	96 00 0	979 83	0 0 9 0 0	- - - 80	—	—	0	—	0.5	4
	Pad Idan	000 67	0 13 09	98 00 1	057 06	0 0 9 0 0	- - - 06	000 71	1 13 09	98 01 1	975 83	0 0 9 0 2	- × 80	—	—	0	—	0.1	—
	Karachi (Manora)	000 76	6 25 09	95 05 2	999 85	6 6 4 0 0	- - - 88	000 77	9 27 09	96 02 2	011 81	8 6 4 - -	- - - 80	0	- 1	0	- 2.5	0	8
	Karachi (A. P.)	000 75	8 25 14	96 02 2	001 86	8 6 4 -	- - - 90	000 75	7 25 16	98 02 2	015 82	7 5 5 0 0	- - 80	—	—	0	—	0.1	—
	Badin	000 72	0 28 07	97 00 0	985 96	0 0 9 0 0	- - - 98	000 73	0 27 07	97 00 0	013 85	0 0 9 0 0	- - - 82	+ 1	0	0	2.6	0	8
	Nagarparkar																		
	Chhor (Umarkot)	000 77	0 18 10	97 00 0	971 01	0 0 9 0 0	- - - 08	000 76	0 21 14	97 00 0	015 86	0 0 9 0 0	- - - 29	—	—	0	—	0	—
	Hyderabad	000 78	0 28 07	97 00 0	981 95	0 0 9 0 0	- - - 99	000 76	4 23 14	95 07 1	997 86	0 0 9 8 1	- × - 20	0	- 1	0	- 2.1	0.2	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 42	7 01 03	99 02 1	916 87	0 5 9 4 0	- - × 94							—					12
	Jalalabad	000 37	4 09 32	96 03 0	077 03	0 0 9 2 0	4 9 06	000 71	2 00 00	96 01 5	987 80	0 0 9 4 0	0 - × 80	—	—	0.5	—	6.0	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY THE 18TH JULY, 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	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_M T_x T_n$	RRR T_dT_d	N dd ff	VVwwW	PPP.TT	$N_h C_L h C_M C_H$	$W_1 D_s D_M T_n T_n$	$T_x T_x$	$T_n T_n$	Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
*	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 82	0 21 02	98 00 0	985 89	0 0 9 0 0	- - - 92	000 78	0 00 00	99 99 0	991 85	0 0 9 0 0	- - - 85	- 3	- 2	0	- 0.1	3.8	4
	Sharjah	000 xx	0 09 02	97 00 0	982 00	0 0 9 0 0	- - - 99	000 xx	0 27 02	97 00 0	971 99	0 0 9 0 0	- - - xx	-	-	0	-	1.5	4
	Kuwait																		5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,350 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 feet according to latitude).
†† Barometer readings reduced to 5 geodynamic Kilometre (16,949-16, 969 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. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Control, 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	$N_h C_L h C_M C_H$	$D_s v_s$ sss	8 N_s C $h_s h_s$	O $T_s T_s$ $T_d T_d$	1 $d_w d_w$ $P_w H_w$	SHIP	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ sss	8 N_s C $h_s h_s$	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	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Islami	33 080	880 06	8 25 10	98 18 8	116 79	87 4 xx	6 4 320		0 61 78	1 25 28											
Salamat	33 859	671 08	8 14 11	97 01 0	015 88	00 9 00	3 5 207		0 00 74	1 14 21											
Speedyk	33 078	714 06	8 28 18	98 02 8	114 81	44 3 2x	6 5 308		0 52 74	1 20 54											
Palamcotta	33 091	761 13	7 27 02	98 02 1	179 81	48 5 75															
Clan Mackinnon	33 082	880 12	8 26 13	98 10 8	095 77	67 x 2-	6 3 xxx		0 54 78	1 26 34											
Clan Mackinnon	33 094	687 02	8 28 09	98 18 8	114 79	51 x 1x	6 5 xxx														
Islami	33 090	857 18	8 25 10	97 18 8	132 80	87 7 xx	6 4 319		0 51 75												
Palamcotta	33 100	755 18	8 27 04	75 60 2	193 80	99 5 72															
Clan Mackinnon	34 001	677 18	8 25 09	98 18 8	130 79	48 x 4x	6 3 xxx		0 51 73	1 26 33											

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	10	11
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 †										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	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	18	19	20	21	22	23	24	25
Bores											15 24	16 40	16 47	...	-	-								
Dhhor	20 21	21 16	21 21	19 12	21 21	21 25	...	-	-	-	-	-	-	-	-	-	18 18	17 11	19 09	-	-	-	-	-
Chittagong	18 15	20 17	20 19	20 21	21 24	-	-	-	-	-	16 21	17 23	17 17	17 17	-	-	23 19	25 26	24 28	24 28	24 25	-	-	-
Qazi's Bazar	17 09	20 09	22 09	23 08	20 05	29 05	-	-	-	-	15 10	15 12	18 18	16 19	19 18	-	16 20	16 19	17 15	21 10	21 08	-	-	-
Dacca	16 12										17 14	19 16	19 15				15 19	-						
Balbandia	-	-	25 08	15 02	17 05	04 08	01 21	02 14	-	-	-	-	20 25	24 12	22 04	22 04	-	-	08 02	01 05	05 02	23 17	22 27	-
Dinar	-	-	-	-	04 05	15 03	23 18	-	-	-	-	-	-	-	23 01	23 03	-	-	-	-	05 05	01 00	24 19	-
Port Bandemas	-	-	-	27 05	25 08	20 08	23 06	26 05	27 26	26 29	-	-	-	-	22 10	27 13	-	-	-	21 05	25 10	20 21	19 28	-
Jacobabad	19 03	16 06	16 07	17 06	20 02	23 06	04 06	-	-	-	18 19	18 11	20 09	21 07	18 05	24 14	14 11	13 08	22 06	22 05	27 10	25 15	09 04	02 03
Sheium	18 03	17 06	18 08	21 02	21 04	21 04	22 12	25 20	28 45	-	17 08	16 03	14 10	19 14	21 10	21 10	04 08	00 08	00 09	14 08	21 13	20 14	24 22	-
Siwani	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Karachi	25 21	26 19	26 18	-	-	-	-	-	-	-	20 22	25 23	25 17	24 09	-	-	27 24	27 21	-	-	23 18	-	-	-
Khanpur	23 01	22 08	22 09	21 18	21 19	26 05	-	-	-	-	22 17	22 17	22 15	21 15	-	-	21 15	23 24	27 19	28 24	22 10	-	-	-
Lahore	25 06	24 09	25 18	27 11	25 12	27 05	25 16	-	-	-	00 18	21 10	22 06	18 03	-	-	22 12	26 22	22 20	-	27 18	25 07	-	-
Multan	22 23	23 20	21 21	21 22							21 44	21 20	22 18						20 23	06 12				
Peshawar	-	27 03	10 04	16 09	18 08	23 15	25 13	27 18	-	-	-	19 15	21 17	17 25	02 15	-	-	28 05	-	-	02 05	15 17	19 24	-
Quetta	-	-	-	-	02 07	02 06	25 03	-	-	-	-	-	-	-	23 23	-	-	-	22 25	-	23 08	23 15	-	-
Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

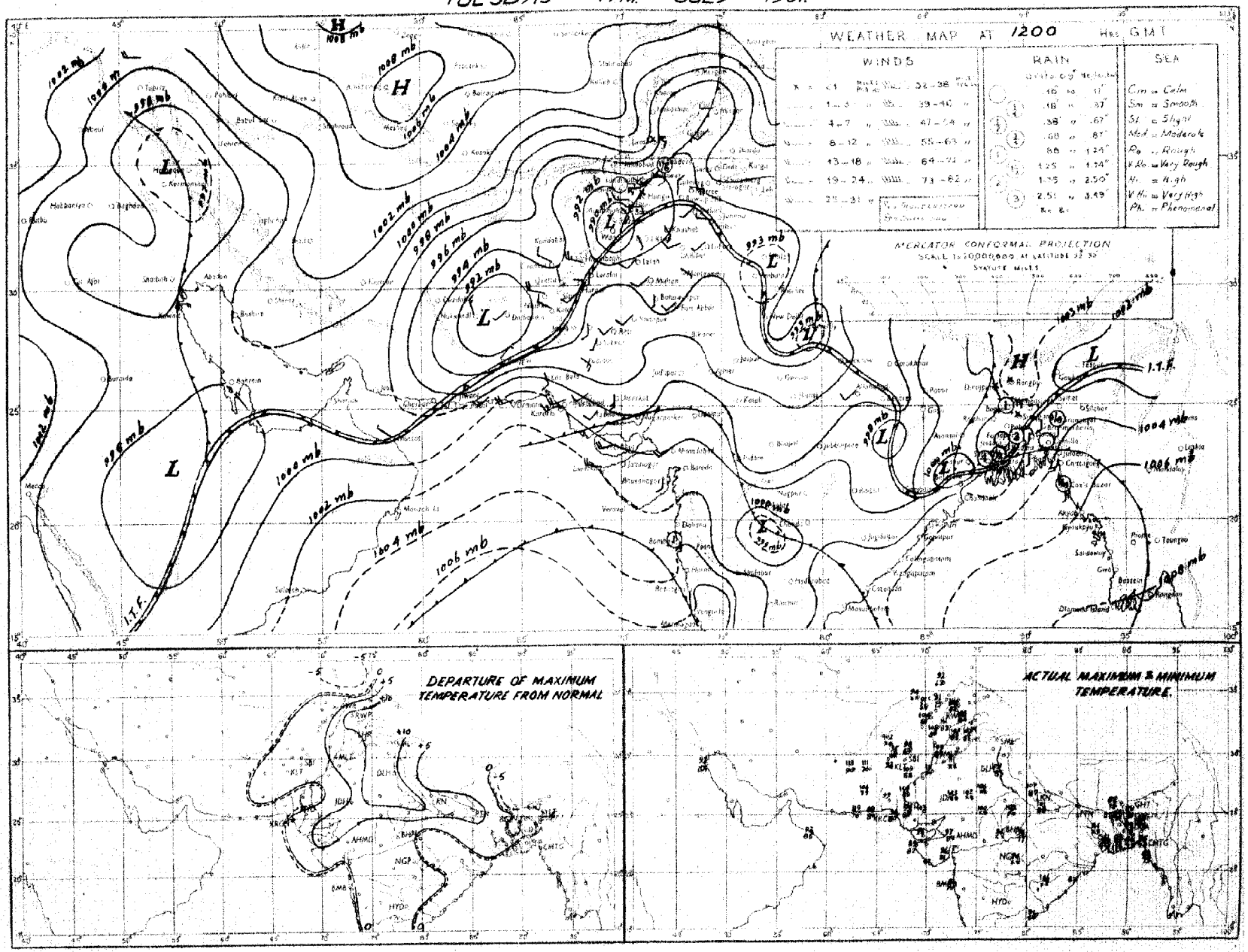
Cloud Observation Data (iiiGG Cddv, v_r)

* Wind directions are expressed in tens of degrees counting from North through East and based 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

H. P. W.

PAKISTAN DAILY WEATHER MAP

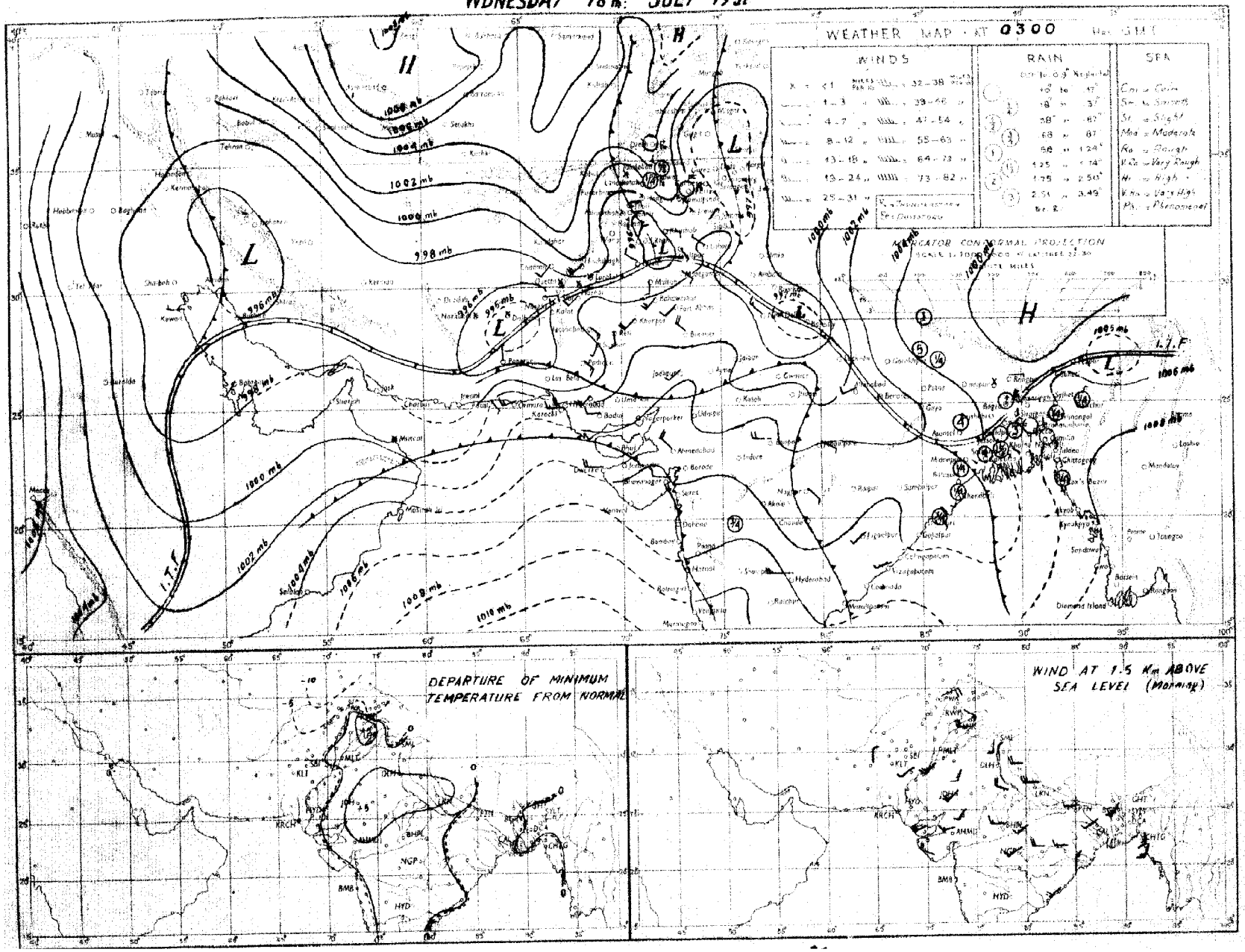
TUESDAY 17th. JULY 1951.



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

PAKISTAN DAILY WEATHER MAP

WDNESDAY 18th JULY 1951



Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1467

FOR THURSDAY, THE 19TH JULY, 1951

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

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

Yesterday's low pressure wave over Kashmir still persists there. Another low pressure wave is bordering the western Frontier.

Conditions have become markedly unsettled off Orissa coast where a depression is forming.

Seasonal trough has shifted southwards and lies over the central parts of India.

Rain/thundershowers have been fairly widespread in the upper North-West Frontier Province and local in East Pakistan and the north Punjab. Scattered duststorms/dustraising winds have occurred in the south Punjab, Baluchistan and the lower North-West Frontier Province.

Chief amounts of rainfall are :—Chakdara 1¾"; Mymensingh and Parachinar 1" each; Srimangal, Rangpur and Rawalpindi ½" each and Murree and Cherat ¼" each.

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

Forecast valid until the evening of 20th :—Fairly widespread rain will occur in the Eastern Sub-division and local thunderstorms in the Northern and Deltaic sub-divisions of East Pakistan. Local thunderstorms/showers will occur in the North-West Frontier Province, Kashmir and the north Punjab. Scattered dust/thunderstorms are also likely in north Baluchistan.

Karachi-11.
The 19th July, 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	$N_hC_Lh\ C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\ C_MC_H$	$W_tD_sD_MT_nT_n$	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 76	5 13 03	96 01 1	035 82	8 6 6 3 1	1 × × 87	000 75	2 18 02	97 01 1	049 86	2 2 7 0 0	1 × × 76	+ 3	1	45.1	6.4	54.8	149
	Chittagong	000 76	5 20 06	97 02 1	023 82	3 8 5 7 9	9 9 87	000 73	5 11 09	97 02 6	045 89	2 1 5 7 8	9 9 9 77	+ 1	0	43.5	+ 9.0	78.2	108
	Comilla	000 78	4 18 18	98 01 1	020 86	2 2 7 0 9	× 86	000 78	4 13 05	98 01 1	047 85	2 2 7 0 2	- × - 76	- 2	+ 1	43.2	+16.1	49.0	115
	Brahmanbaria	000 77	2 18 02	97 02 1	019 88	2 1 5 0 0	- - 87	000 77	3 16 05	97 01 1	044 85	8 5 5 0 0	- - - 79	—		28.6	+ 8.7	38.5	94
	Dacca	××× 77	6 18 04	98 02 2	011 85	5 8 4 3 0	8 × 88	000 77	7 16 02	96 02 2	039 83	7 4 5 0 0	- - - 78	—		—	—		78
	Narayanganj	000 75	3 13 07	96 01 1	008 84	× × × × ×	7 × × 89	000 77	4 16 07	96 03 1	031 88	4 2 5 0 0	- - - 88	+ 1	+ 1	38.5	+18.1	52.6	74
	Mymensingh	115 80	8 00 00	98 21 6	016 88	8 0 6	- 86	115 76	8 00 00	99 02 2	048 82	8 7 6 - -	- - - 78	- 2	0	27.5	+ 0.1	35.7	91
	Srimangal	065 79	6 21 02	97 02 6	010 80	2 2 7 0 1	7 5 - 90	065 77	5 18 02	97 02 1	050 82	3 2 6 3 0	- - 2 76	—	—	29.7	+ 2.1	58.6	98
	Khulna	000 76	5 13 02	96 02 0	012 85	× 4 7 3 0	- × 89	000 77	4 11 02	98 01 0	037 86	4 4 7 0 0	- - - 79	+ 1	+ 1	19.7	1.8	28.2	63
	Satkhira	000 79	4 00 00	97 02 5	018 85	4 4 6 6 0	3 - × 91	000 80	4 13 02	97 08 1	043 87	4 4 7 0 0	- - - 78	+ 2	0	12.0	7.8	21.4	65
	Jessore	017 79	4 18 02	97 02 6	017 87	4 2 6 0 0	- 94	017 79	4 13 03	96 50 2	032 86	4 8 6 0 0	- - ××	—		14.7	4.5	21.9	65
	Faridpur	000 79	5 06 05	96 01 1	027 85	3 4 1 1 0	6 - × 85	000 79	4 06 09	95 01 1	038 85	3 4 7 1 0	9 - × 78	- 3	0	25.0	+ 4.8	32.8	71
	Barisal	000 77	4 16 03	96 01 1	014 84	1 2 6 4 3	- × × 88	000 77	4 16 02	98 01 1	038 87	3 2 6 4 1	- × × 79	+ 1	0	24.3	- 0.3	34.0	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 79	6 18 02	98 03 2	998 85	4 2 8 0 0	- - 86	000 78	2 00 00	99 01 1	030 84	1 1 7 - -	- - - 80	- 2	+ 1	27.1	+ 7.5	37.6	64
	Bogra	000 79	5 13 02	96 01 9	997 87	2 1 6 1 0	- × 89	000 79	6 13 02	96 01 1	037 88	4 2 7 0 9	- × - 80	0	+ 1	27.2	+ 6.7	34.0	60
	Dinajpur	000 81	6 00 00	97 02 2	011 87	0 0 9 2 0	9 × 90	000 78	8 18 02	97 02 2	047 83	8 4 8 -	- - - 81	+ 1	+ 2	24.2	+ 0.4	28.4	72
	Rangpur							038 ××	8 09 02	96 02 6	— —	8 5 8 - -	- - - ××	—	—	45.0	+16.8	54.7	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 92	0 13 05	95 05 4	929 05	0 0 9 0 0	6 0 0 06	000 81	0 02 02	98 00 4	973 91	0 0 9 0 0	- - - 85	+ 5	+ 3	1.4	- 1.8	5.7	12
	Lahore	000 87	0 23 02	96 00 0	939 07	0 0 9 0 0	- - - 03	000 79	1 27 02	95 05 1	974 92	0 0 9 8 0	3 - 9 87	+ 8	+ 8	2.5	- 2.4	6.5	19
	Sialkot	000 61	1 23 02	97 01 1	985 07	1 0 8 4 0	- - - 10	000 62	0 13 04	97 00 0	980 92	0 0 9 0 0	- - - 88	+13	+ 8	2.2	6.2	7.1	33
	Jhelum	000 72	0 00 00	96 00 1	947 82	0 0 9 0 0	- - 06	000 67	5 36 09	95 05 1	991 87	0 0 9 7 0	4 - 9 84	—	—	4.7	—	14.1	—
	Rawalpindi	000 57	0 27 02	99 00 1	033 03	0 0 9 0 0	- - - 08	050 66	6 36 02	98 02 9	009 76	6 2 7 0 0	9 - - 69	+11	- 8	3.2	- 3.5	14.0	34
	Murree †	000 55	2 11 09	97 01 2	920 74	2 1 4 0 0	9 × × 76	032 62	8 02 19	96 08 9	939 55	8 9 3 - -	- - - 58	+ 8	- 5	7.8	3.3	30.4	59
	Attock	××× ××	2 30 05	98 00 0	— —	× × × × ×	—	××× ××	4 00 00	97 00 6	— —	0 0 9 2 0	- - ×××			—			—
	Khushab	000 81	0 16 02	97 00 0	923 07	0 0 9 0 0	- - - 07	000 74	2 02 13	97 01 1	974 90	0 0 9 1 0	- - × 54	+ 5	+ 2	1.7	1.8	7.4	16
	Montgomery	000 62	0 00 00	97 00 0	931 05	0 0 9 0 0	- - - 06	000 71	0 13 02	97 00 0	985 92	0 0 9 0 0	- - - 83	+ 3	1	1.6	- 1.1	5.2	10
	Leiah	000 96	0 23 02	96 00 1	931 07	0 0 9 0 0	- - - 08	000 86	0 31 09	94 07 0	966 91	0 0 9 0 0	- - - 89	—	—	0	—	5.7	8
	Multan	000 86	0 23 05	97 00 0	956 05	0 0 9 0 0	- - - 06	000 73	0 23 05	96 00 0	979 89	0 0 9 0 0	- - - 86	+ 4	+ 1	1.3	- 0.3	4.4	7
	Khanpur	000 90	0 28 05	94 05 0	942 08	0 0 9 0 0	- - - 10	000 79	0 25 09	95 05 0	988 87	0 0 9 0 0	- - - 83	+ 3	0	0.2	1.3	1.9	6
	Bahawalpur	000 74	0 28 02	97 00 0	934 09	0 0 9 0 0	- - - 09	000 75	0 23 24	97 00 0	978 89	0 0 9 0 0	- - 86	+ 4	+ 2	0	1.5	3.1	6
	Fort Abbas	000 62	0 23 03	96 00 0	936 08	0 0 9 0 0	- × 09	000 77	0 23 05	96 00 0	976 91	0 0 9 0 0	- - - 79	-	—	0.3	—	1.2	5
N. W. F. P.	Drosh *	000 52	8 11 29	97 60 9	930 70	6 7 5 2 -	7 × 9 82	040 57	7 00 00	98 02 9	953 66	1 5 6 2 0	9 × 5 61	- 15	- 12	0.9	—	21.1	10
	Chakdara	000 70	0 00 00	99 00 0	940 93	0 0 9 0 0	- 95	168 62	6 09 03	98 01 2	035 78	6 5 6 0 0	2 - - 87	-	—	0.7	—	13.0	—
	Cherat *	000 61	8 24 05	97 01 1	994 87	0 0 9 0 8	8 7 × 90	022 59	3 36 35	99 01 1	929 66	0 0 9 6 0	3 - 3 68	+ 1	8	1.5	- 2.3	23.6	29
	Peshawar	000 61	7 27 05	96 03 1	952 96	4 9 6 2 0	08	000 64	4 05 02	97 01 9	023 84	0 0 9 5 0	9 - × 74	+ 4	6	0.4	- 0.6	7.7	16
	Parachinar	082 57	6 00 00	95 02 9	916 78	8 2 5 6 0	3 × 0 82	095 50	6 31 02	96 17 9	918 84	2 2 4 6 0	- - × 82	- 6	—	1.9	—	21.7	20
	Miranshah	000 53	7 13 03	97 02	899 ××	7 × 8	05	000 58	0 11 02	95 42 0	905 83	0 0 9 0 0	- - - 80	—	—	0.7	1.2	7.6	13
	Bannu	000 66	0 00 06	97 05 4	923 03	0 0 9 0 0	- - 03	000 65	0 09 07	97 05 4	955 85	0 0 9 0 0	- - - 83	—	—	0.7	—	6.6	11
	D. I. Khan	000 77	0 20 04	94 06 3	917 04	0 0 9 0 0	- - - ××	000 71	0 05 07	94 07 0	976 85	0 0 9 0 0	- - - 77	—	- 6	0.6	1.3	2.3	9
	Wana																		13
	Landikotal	000 58	6 05 05	97 50 8	879 87	6 7 5 0 0	1 0 0 90	014 61	5 30 13	99 02 9	928 75	5 4 6 0 0	- - - 69	—	—	0.4	—	10.0	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - ××	—	—	—	—	—	—
	Thall	××× ××	2 18 09	99 01 1	— —	2 8 7 0 0	- - - —	××× ××	0 36 09	99 00 0	— —	0 0 9 0 0	- - - ××	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 39	0 23 17	96 07 0	827 02	0 0 9 0 0	3 × × 04	000 54	0 00 00	95 05 3	885 82	0 0 9 0 0	- - - 76	+ 4	+ 1	0	- 1.0	5.9	11
	Hindubagh	000 44	0 20 18	96 00 0	902 89	0 0 9 0 0	- - - 92	000 48	0 23 10	97 00 0	919 78	0 0 9 0 0	- - - 66	—	—	0	—	8.3	—
	Loralai	000 76	2 12 05	97 01 0	830 94	0 0 9 4 0	- - 97	000 67	0 00 00	98 00 0	888 80	0 0 9 0 0	- - - 73	—	—	0.1		6.6	—
	Harnai (a)	000 ××	0 09 05	98 00 0	— —	0 0 9 0 0	- - —	000 ××	4 11 02	95 00 1	—	0 0 9 0 0	- - - ××	-	- -	0.7	- 1.4	9.3	14
	Sibi	000 68	0 23 05	99 00 0	939 08	0 0 9 0 0	- - - 09	000 72	0 00 00	98 00 0	975 91	0 0 9 0 0	- - - 90	—	—	0		1.6	5
	Quetta †	000 38	0 34 10	96 07 0	909 89	0 0 9 0 0	- - - 92	000 50	0 00 00	99 00 0	914 78	0 0 9 0 0	- - - 61	—	—	0	0.2	3.5	9
	Chaman	000 60	0 27 09	97 00 0	865 96	0 0 9 0 0	- - 98	000 63	0 13 02	97 00 0	898 82	0 0 9 0 0	- - - 71	- 3	5	0	- 0.1	9.6	8
	Nushki	000 83	0 27 19	97 00 0	829 04	0 0 9 0 0	- - - 08	000 68	0 09 03	97 00 0	958 86	0 0 9 0 0	- - - 78		—	0	—	4.4	—
	Dalbandin *	000 58	0 31 10	94 07 0	882 06	0 0 9 0 0	08	000 43	1 00 00	95 05 1	902 85	0 0 9 4 0	- × 76	- 2	- 1	0	0	1.8	4
	Nokkundi	000 69	1 34 09	98 08 0	925 07	0 0 9 0 1	0 0 × 07	000 73	0 02 02	99 08 1	969 85	1 1 6 2 9	9 × × 87	—	—	0		0.9	2
	Kalat †	000 65	0 32 09	98 00 0	923 86	0 0 9 0 0	- - 93	000 51	0 18 05	93 00 0	951 68	0 0 9 0 0	- - 56	+ 2	- 6	0	0.6	2.0	7
	Turbat	000 84	0 18 02	97 00 0	958 08	0 0 9 0 0	- - - 08	000 79	3 00 00	96 01 1	978 88	0 0 9 0 1	5 × - 81	—	—	0	-	1.4	—
	Panjgur *	000 29	0 05 02	97 00 0	887 02	0 0 9 0 0	- - - 04	000 49	0 38 02	97 00 1	900 80	0 0 9 0 0	- - - 73	- 1	4	0	—	2.2	3
	Las Bela	000 75	0 16 04	99 00 0	965 98	0 0 9 0 0	- - - 08	000 74	0 00 00	99 00 0	975 86	0 0 9 0 0	- - - 80	—	—	0	—	0.1	3
	Ormara	000 79	3 03 18	96 07 1	976 88	3 5 6 0 0	- 88	000 79	2 00 00	95 01 1	998 88	2 5 6 0 0	- - - 79	—	—	0	- 0.4	2.7	4
	Pasni	000 74	0 23 07	97 00 0	979 87	0 0 9 0 0	- - 90	000 76	0 16 04	96 00 0	991 80	0 0 9 0 0	- - - 76	1	- 2	0	- 0.5	4.2	4
	Jiwani																		4
SIND	Beti	000 78	0 18 05	96 00 0	948 09	0 0 9 0 0	- - 99	000 78	0 18 05	96 00 0	981 85	0 0 9 0 0	- - - 84	—	—	0	—	0.8	—
	Jacobabad	000 88	0 16 10	97 00 0	938 07	0 0 9 0 0	- - - 08	000 73	0 09 09	96 00 0	978 89	0 0 9 0 0	- - - 88	0	- 2	0	0.8	0.5	4
	Sukkur	000 77	0 20 02	94 00 0	935 08	0 0 9 0 0	- - - 08	000 73	0 20 02	98 00 0	975 82	0 0 9 0 0	- - - 52	—	—	0	—	0.5	4
	Pad Idan	000 64	1 18 05	98 01 1	937 08	0 0 9 0 1	- - 03	000 73	6 13 09	98 01 1	967 83	0 0 9 0 1	9 × 50	—	—	0	—	0.1	—
	Karachi (Manora)	000 78	8 25 09	98 20 2	984 84	5 5 8 1 0	- - 87	000 77	6 25 05	95 05 1	992 80	6 6 4 0 0	- - - 78	- 1	- 3	0	- 2.5	0	8
	Karachi (A. P.)	000 74	7 25 17	96 03 5	984 85	7 5 6 0 0	- - 90	000 75	5 25 00	96 08 1	992 82	5 6 4 0 0	- - - 75	—	—	0		0.1	—
	Badin	000 73	5 27 05	97 03 1	975 94	0 0 9 8 0	5 0 8 97	000 73	0 23 07	97 00 0	998 85	0 0 9 0 0	- - - 81	0	- 1	0	- 2.7	0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 71	0 18 14	97 00 0	957 99	0 0 9 0 0	- - - 01	000 75	3 25 10	97 03 0	991 87	1 1 7 0 8	- × - 79	—	—	0	—	0	—
	Hyderabad	000 73	0 25 05	97 00 0	959 95	0 0 9 0 0	- - - 02	000 76	1 23 12	96 01 0	982 84	0 0 9 0 1	- × - 79	+ 3	- 2	0	- 1.2	0.3	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul																		12
	Jalalabad	000 78	5 13 04	97 08 2	988 94	2 5 6 5 0	6 - × 98	002 50	8 25 02	98 02 9	978 66	1 7 8 2 0	9 - × 60		—	0	—	9.9	—
	Kandahar	000 46	0 00 08	97 00 0	951 74	0 0 9 0 0	- - - 83	000 70	7 00 00	97 02 5	902 57	0 0 9 2 0	9 - × 75	—	—	0.5	—	6.9	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY THE 19TH JULY, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date.						Departure from Normal		Rainfall			
		BRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_x T_x$	BRR T_dT_d	N dd ff	VVwwW	PPP.TT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_n T_n$	$T_x T_x$	$T_n T_n$	Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
13	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 xx	0 21 02	99 00 0	969 93	0 0 9 0 0	- - - 95	000 74	0 00 00	99 00 0	978 90	0 0 9 0 0	- - - 86	+ 1	- 1	0	- 0.1	3.8	4
	Bharjah													--	--				4
	Kuwait	000 xx	0 18 03	97 00 0	989 98	0 0 9 0 0	- - - 09	000 xx	0 27 09	97 00 0	964 26	0 0 9 0 0	- - - xx	--	--	0	--	1.5	1

* 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).
BRR at 0300 hrs. G.M.T. is rainfall since 0500 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 Control, 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	YQ $L_a L_a$	$L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ sss	8 $N_s C_L h_s h_s$	0 $T_s T_s$ $T_d T_d$	1 $d_w d_w$ $P_w H_w$	SHIP	YQ $L_a L_a$	$L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ sss	8 $N_s C_L h_s h_s$	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	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Glan Mackinnon	48 079	659 00	6 28 09	98 16 8	093 82	47 x 2x	6 3 xxx		0 00 78	1 23 33											
Palamcottah	48 107	750 00	6 27 24	97 65 8	178 77	78 4 70															
British Prince	48 078	653 06	7 25 12	97 15 8	139 78	27 5 61	6 6 310														
Palamcottah	48 115	746 06	6 27 24	96 63 2	093 80	67 4 70															
Statesman	48 232	627 06	6 70 18	97 08 2	008 79	85 3 —	3 5 411		0 00 78	1 23 44											
Kampala	48 156	658 06	6 26 15	97 54 8	084 83	xx 6 1x	1 6 xxx		0 01 79	1 27 28											
Corfu	48 128	747 18	6 27 10	97 68 8	112 75	87 3 —	7 6 110		0 56 72	1 28 09											
Salamat	48 221	656 18	7 22 15	97 05 1	012 84	52 2 08	3 5 414		0 00 77	1 24 44											
Palamcotta	48 191	736 18	6 26 24	96 60 6	177 79	77 4 20															
Salamat	48 228	641 12	7 22 10	97 02 2	996 83	72 4 4	2 5 805		0 00 77	1 25 44											
Palamcotta	48 128	741 12	6 26 24	96 68 8	161 79	77 4 20															

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	$h_1h_1P_1P_1P_1$	$T_2T_1T_{d1}T_{d1}T_{x1}$ etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 15	997 28	240 60	854 67	810 74	700 25	175 65	509 82	519 91	302 09	779 91	201 61	879 91	555 56	809 00	211 92	898 75	211 72	498 45	330 75	658 99	250 34	456 59	666 59	675 58

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
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 07	17 08	20 05								16 07						17 15	18 15	17 11	16 08	17 06	19 06	20 08	
Dhor	27 17	21 08	21 18	19 06	11 06												23 13	22 17	21 23	18 14	20 14			
Chittagong											16 13	17 11	17 16	17 15			14 08	14 15	16 15	16 16	15 18	14 10	15 13	
Cox's Bazar	17 19	17 10	17 14	17 09	17 10						xx xx	15 21	16 22	17 17	16 17		18 09	18 16	14 15	15 18				
Dacca	15 13	16 13									17 15	17 19	17 20	18 17	19 15		16 07		16 09					
Dalbandin			25 08	17 09	06 04								11 10	01 12	25 22				25 08	26 08	08 07	26 11	29 19	31 27
Dreer					14 02	19 08								06 05	03 13	03 09					01 07	02 08	04 05	26 14
Fort Sandeman				22 10	22 13	25 15	27 24	28 33	26 42	28 32										24 08	29 05	29 13		
Jacobabad	16 04	19 04	18 05	23 04	22 09	31 14	29 08	28 08	26 11	25 15	17 17	17 17	19 13	22 08	27 04	32 10	13 09	21 13	21 09	23 04	29 09	34 25	31 26	
Jhelum	16 08	18 11	15 18	15 19	15 20	17 15					08 05	21 04	21 08	20 07	19 08	15 16	23 13	25 21	25 18	24 03	19 09	22 09		
Kiwani																								
Karachi	25 23	26 21									25 17	25 17	24 15	20 07	06 13		27 13	27 17	26 15	25 14	06 18	05 28	08 35	
Khanpur	22 15	22 15	21 17	20 15	24 04						21 15	21 25	21 17	20 18	24 08		23 15	23 20	23 20	24 22	22 10	23 15		
Lahore	23 01	18 02	19 03	11 08	21 14	21 10	23 11	26 31	28 45	26 44	10 09	14 06	10 06	23 14	23 20		20 09	20 12	18 19	20 09	23 08	29 07		
Multan	23 10	23 12	23 13	24 14	26 13	28 09	29 09	29 13			22 37	22 37					21 22	22 42	24 25					
Peshawar	—	06 04	06 05	10 07	12 09	21 09	21 23	25 41	25 54	25 52		03 14	03 07	01 13	24 20			23 04	23 11	25 17	25 14	02 11	25 29	
Quetta					28 06	30 13									28 23	30 23					26 06	30 21		
Bushire																								
Sharjah																								

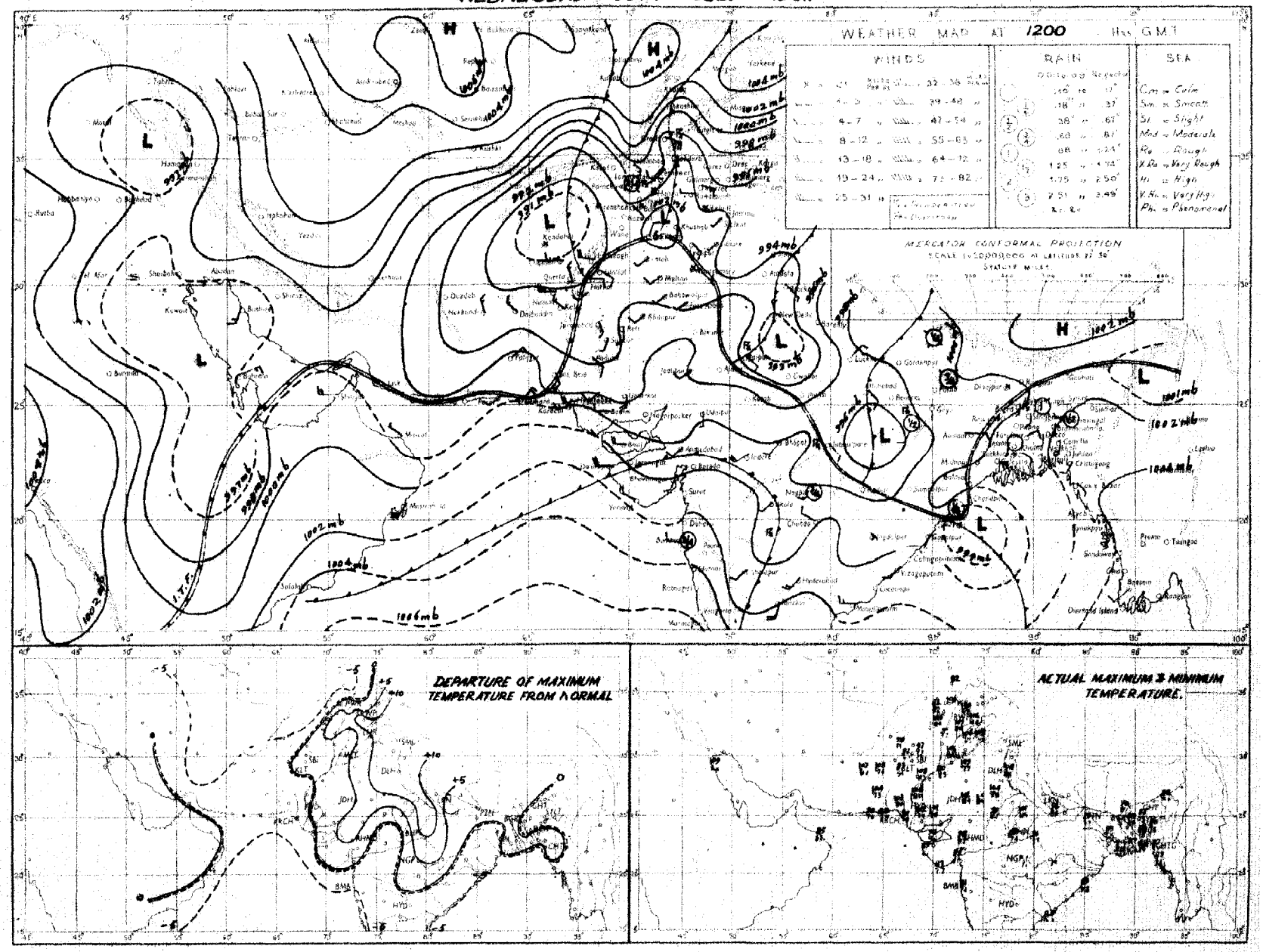
Cloud Observation Data (iiiGG Cddv, v,)

Jhelum 59808 42218 Chor 76803 10708

* 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, 1.2, 1.5, 1.8, 2.1, 2.4, 2.7, 3.0, 3.3, 3.6 and 3.9 km. The heights given at the head of the columns are the nearest equivalent levels in thousands of

PAKISTAN DAILY WEATHER MAP

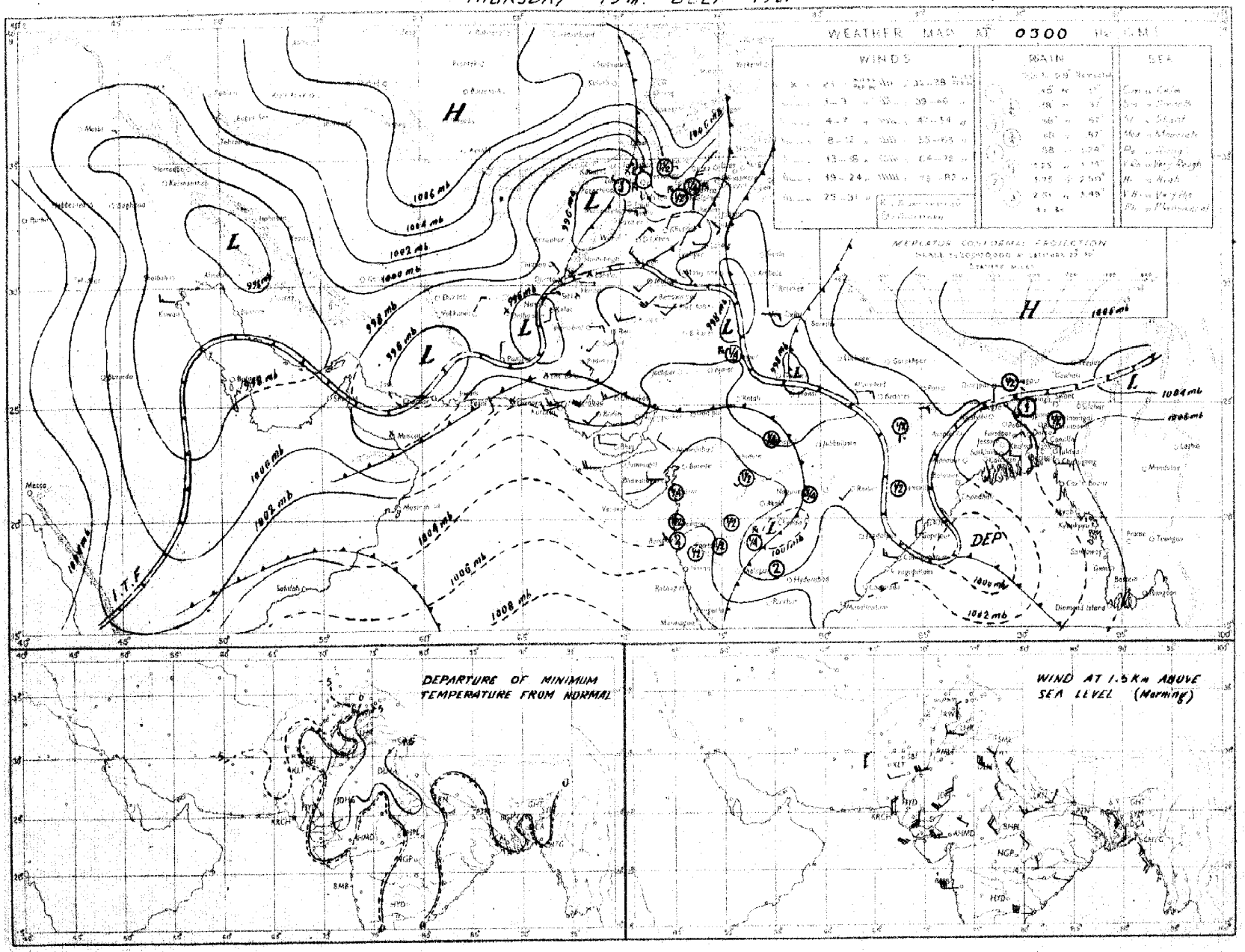
WEDNESDAY 18th. JULY 1951.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 19th JULY 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-1467

FOR FRIDAY, THE 20TH JULY, 1951

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

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

The low pressure wave bordering the western Frontier now lies over the Punjab.
A shallow depression has formed off Orissa coast. It is likely to intensify and move westnorthwestwards.

A shallow depression lies off Kathiawar coast.

Seasonal low has shifted westwards and now lies over west Baluchistan and Iran.

Local rain with isolated thunderstorms has occurred in East Pakistan and local thunderstorms/showers in the North-West Frontier Province and the north Punjab. Scattered duststorms/dust-raising winds have also been reported from the south Punjab and Baluchistan.

Chief amounts of rainfall are :—Srimangal, 1¼" and Murree 1".

Day temperatures were markedly to considerably below normal in the North-West Frontier Province and the extreme north Punjab, generally appreciably below normal in west Baluchistan and appreciably to markedly above normal in the plains of north Punjab.

Forecast valid until the evening of 21st :—Fairly widespread thunderstorms/showers will occur in East Pakistan and scattered thunderstorms in the North-West Frontier Province the north Punjab, Kashmir and lower Sind. Scattered dust thunderstorms also likely in north Baluchistan and the lower North-West Frontier Province.

Karachi-11.
The 20th July, 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	003 79	5 18 03	95 02 6	025 81	2 5 6 3 1	3 × × 90	000 75	2 16 01	97 01 1	046 86	1 1 7 3 0	9 - 1 77	+ 5	0	45.1	- 7.4	54.8	140
	Chittagong	000 75	6 18 09	97 02 1	013 84	6 8 5 0 0	- - 87	000 72	3 11 02	97 02 1	040 85	1 1 6 7 9	0 9 9 79	+ 1	+ 2	43 5	+ 6.3	73.2	108
	Comilla	000 84	5 13 09	98 03 1	017 88	2 2 7 0 2	× - 88	060 77	5 13 09	98 03 1	04 81	6 5 7 - -	- - - 79	0	+ 2	43 8	+15 6	49.0	115
	Brahmanbaria	000 80	4 18 02	97 02 1	018 88	4 1 5 0 0	90	000 76	8 00 00	97 02 1	041 82	0 0 7 2 -	- - × 80	—	-	28.6	+ 2 4	38.5	94
	Dacca	××× 78	4 00 00	98 02 2	008 86	3 2 6 0 4	3 × - 80	××× 77	7 16 02	98 01 2	044 85	4 5 6 2 0	- - × 79	—		—	—		78
	Narayanganj	000 77	4 16 03	96 01 1	008 86	1 1 5 0 1	9 × - 90	006 78	7 09 05	96 03 5	037 84	3 4 5 2 -	3 - × 80	+ 2	+ 1	33.5	+12 7	52.6	74
	Mymensingh	000 78	6 00 00	99 02 2	005 85	3 7 6 -	- 88	000 79	8 09 02	99 02 2	057 88	8 4 7 - -	- - - 79	0	+ 1	27 5	0.3	35.7	91
	Srimangal	000 81	6 27 02	97 02 1	011 88	3 2 7 0 2	- × - 91	134 77	8 09 02	94 60 9	066 77	8 5 6 - -	6 - - 77	—	—	31.0	+ 9.0	59.9	95
	Khulna	000 77	5 13 02	96 00 0	007 87	5 4 7 0 2	- × 90	000 78	4 13 02	97 02 1	040 83	4 4 7 0 0	- - - 80	+ 2	+ 2	19 7	2.2	28 2	68
	Satkhira	000 77	8 13 02	97 03 5	002 86	7 9 6 6 0	- - × 90	000 78	7 05 02	97 08 1	024 84	5 9 7 6 0	9 - 2 80	+ 1	+ 2	12 9	8.3	21.4	65
	Jessore	000 78	6 13 05	96 02 1	002 89	6 8 6 0 0	- 94	000 78	6 09 05	97 50 2	034 85	6 8 6 0 0	- - ××	—	—	14.7	4 8	21.9	66
	Faridpur	000 76	4 08 03	97 03 1	026 85	2 5 7 1 0	9 - × 85	+00 77	6 06 05	97 02 1	044 88	6 4 6 1 0	9 - × 79	- 3	+ 1	25 0	+ 4 5	32 5	71
	Barisal	000 79	7 18 02	97 01 1	008 85	3 4 6 0 4	- - - 89	004 75	8 09 03	97 03 6	039 82	5 8 5 7 7	5 × × 79	+ 2	0	24 4	0 9	34 0	81
	Pabna																		69
	Rampur Boalia																		58
	Sirajganj	000 79	4 00 00	99 03 1	998 85	2 1 8 - -	- - - 86	000 78	4 00 00	99 01 1	038 85	2 1 7 - -	- - - 80	- 2	+ 1	27.1	+ 7 4	37.6	64
	Bogra	013 78	5 00 00	96 01 6	998 88	2 2 6 0 8	- × - 89	013 60	6 09 03	96 01 6	040 86	4 2 6 9 0	- - × 82	0	+ 3	27.3	+ 6 6	34.3	69
	Dinajpur	000 79	4 00 00	97 02 2	016 85	0 0 9 4 0	9 - × 69	000 77	4 00 00	97 02 2	052 86	0 0 9 4 0	9 - × 81	0	+ 2	24.3	+ 0 1	28.4	72
	Rangpur	010 ××	3 00 00	98 02 5	— —	3 5 3 0 0	- - - ××	010 ××	7 09 02	96 02 1	— —	7 5 0 0 0	- - - ××	—	—	45.1	+16 0	54.7	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 91	0 18 05	95 05 4	932 04	0 0 9 9 0	9 × × 05	000 80	0 02 02	96 00 0	990 88	0 0 9 0 0	- - - 86	+ 4	+ 3	1.4	- 1.7	5.7	12
	Lahore	000 66	1 23 03	96 01 1	936 07	0 0 9 8 0	0 9 08	000 72	0 13 05	95 05 0	986 92	0 0 9 0 0	- - - 85	+ 8	+ 6	2 5	- 2.6	6.5	19
	Sialkot	000 69	5 23 02	97 03 1	984 96	2 3 6 4 0	- - - 07	000 75	0 09 06	97 00 0	002 91	0 0 9 0 0	- - - 87	+10	+ 7	2.3	6.4	7.1	22
	Jhelum	000 69	1 31 05	97 01 1	041 04	1 2 7 0 0	4 × × 07	000 70	0 00 00	97 00 0	993 91	0 0 9 0 0	- - - 85	—	—	4.7	—	14.1	—
	Rawalpindi	000 66	0 00 00	99 00 9	968 92	0 0 9 0 0	9 0 0 93	000 66	0 00 00	99 00 0	015 83	6 0 9 0 0	- - - 74	- 4	- 3	3.2	- 3.8	14.0	36
	Murree †	095 47	3 07 16	97 01 0	926 63	3 1 4 0 0	7 × × 64	095 55	2 11 07	96 01 1	942 71	0 0 0 3 0	9 - × 53	0	- 5	8.7	3.7	31.8	59
	Attock																		—
	Khushab	000 80	2 11 05	98 03 1	941 05	2 1 6 0 0	- - - 05	000 70	6 02 05	95 03 1	984 95	0 0 8 3 0	- - × 88	+ 3	+ 6	1.3	1.9	7.4	15
	Montgomery	000 69	0 00 00	96 00 0	985 06	0 0 9 0 2	- - - 95	000 74	6 23 02	97 01 1	961 91	0 0 9 7 0	1 × 86	+ 2	+ 2	1.6	1.1	5.2	10
	Leiah	000 91	4 31 05	96 03 3	947 01	0 0 9 4 0	2 0 0 01	000 61	2 31 02	97 01 1	001 91	0 0 9 0 3	- × - 87	—	—	0	-	5.7	8
	Multan	000 69	0 18 02	97 00 0	945 96	0 0 9 0 0	- - - 09	000 64	2 36 02	98 01 1	998 92	0 0 9 7 0	- - × 88	+ 7	+ 8	1.3	- 0 2	4.4	7
	Khanpur	000 91	0 28 05	94 05 0	955 08	0 0 0 0 0	- - - 09	000 81	0 21 05	94 07 0	990 93	0 0 9 0 0	- - - 87	+ 2	+ 4	0.2	1 3	1.9	5
	Bahawalpur	000 71	0 28 02	97 00 0	936 05	0 0 9 0 0	- - - 07	000 71	0 27 05	97 00 0	988 89	0 0 9 0 0	- - - 86	+ 2	+ 2	0	1.5	2 1	6
	Fort Abbas	000 97	0 28 05	96 00 0	937 07	0 0 9 0 0	×× × 08	000 65	0 23 02	96 00 0	977 93	0 0 9 0 0	- - - 78	—	—	0.3	—	1.2	3
N. W. F. P.	Drosh *	007 48	8 25 12	97 60 6	920 76	8 9 5 -	8 × × 80	008 68	7 00 00	98 01 9	976 66	2 5 6 4 0	9 - 5 62	17	- 11	0.9	—	21.2	18
	Chakdara	000 63	0 31 02	99 60 0	974 89	0 0 9 0 0	- - - 91	000 64	0 31 02	98 00 0	078 79	0 0 9 0 0	- - - 71	—	—	2.3	—	14.7	—
	Cherat *	000 58	7 28 07	98 01 1	017 78	0 0 9 7 0	4 × 7 59	000 50	0 26 24	98 00 0	925 75	0 0 9 0 0	- - - 65	0	- 6	1.5	- 2.5	25.6	20
	Peshawar	000 52	7 27 05	96 03 3	984 90	5 9 6 7 0	- - - 97	000 60	0 00 03	96 00 0	006 88	0 0 9 0 0	- - - 76	- 5	- 4	0.4	- 0.7	7.7	14
	Parachinar	010 54	6 00 00	94 02 9	929 70	3 2 4 6 0	- - - 77	010 52	0 13 02	90 00 1	940 73	0 0 9 0 0	- - - 80	- 10	- 6	4.0	—	21.8	29
	Miranshah	000 74	3 06 03	98 02 6	998 91	0 0 9 0 0	- - - 93	000 60	0 00 00	98 00 0	924 81	0 0 9 0 0	- - - 78	—	—	0.7	1 3	7.6	13
	Bannu	000 77	0 06 03	99 00 9	976 97	0 0 9 0 0	- - - 99	000 71	0 00 00	99 00 0	999 88	0 0 9 0 0	- - - 82	—	—	0.7	—	6.6	11
	D. I. Khan	000 75	0 05 05	94 02 3	946 98	0 0 9 0 0	- - - 98	000 69	3 23 02	96 01 1	992 81	0 0 9 0 3	- × - 77	- 5	- 6	0.6	- 1 4	2 8	9
	Wana																		13
	Landikotal	000 59	8 00 00	99 50 6	901 77	8 7 6 0 0	8 6 0 64	006 56	0 00 00	99 00 1	907 79	0 0 9 0 0	- - - 71	—	—	0.5	—	10.1	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - ××	—	—	—	—		—
	Thall	××× ××	4 09 09	99 03 1	— —	2 8 7 2 0	- - - —	××× ××	0 18 09	99 00 0	— —	0 0 9 0 0	- - - ××	—	—		—	—	—
BALUCHISTAN	Fort Sandeman	000 30	4 00 00	97 03 1	889 95	3 5 6 2 0	2 × × 99	000 52	0 00 00	95 05 4	003 80	0 0 9 0 0	- - - 70	- 1	+ 2	0	- 1.9	5.9	11
	Hindubagh	000 33	1 27 20	97 01 1	906 89	1 1 6 9 0	7 × × 92	000 57	0 00 00	97 00 0	943 74	0 0 9 0 0	- - - 63	—	—	0	—	8.3	—
	Loralai	000 53	4 13 05	97 01 0	851 92	0 0 9 7 0	- - - 95	000 65	0 00 00	94 05 0	919 70	0 0 9 0 0	- - - 66	—	—	0.1		8.5	—
	Harnai (a)	000 ××	6 10 05	95 02 2	— —	× 0 8 2 5	- - - —	000 ××	6 09 02	96 02 2		0 0 9 2 5	- - - ××	-	- -	0.7	- 1.5	9.2	14
	Sibi	000 95	0 22 05	98 00 0	912 11	0 0 9 0 0	- - - 12	000 74	0 13 05	98 00 0	900 93	0 0 9 0 0	- - - 90	—	—	0	—	1.6	5
	Quetta †	000 45	0 18 03	98 05 3	909 89	0 0 9 0 0	- - - 91	000 64	0 18 02	98 10 0	935 77	0 0 9 0 0	- - - 72	—	—	0	- 0.4	8.5	9
	Chaman	000 70	0 28 07	97 00 0	873 97	0 0 9 0 0	- - - 97	000 57	0 16 02	97 00 0	917 88	0 0 9 0 0	- - - 75	- 4	- 2	0	- 0.1	9.0	8
	Nushki	000 66	2 31 21	96 03 1	930 05	0 0 9 0 2	8 5 0 06	000 73	0 09 09	97 00 0	962 89	0 0 9 0 0	- - - 89	—	—	0	—	5.4	—
	Dalbandin *	000 45	2 27 02	95 05 7	878 04	2 1 7 0 0	- 05	000 41	4 05 05	95 05 1	915 86	4 5 7 0 0	- - - 77	- 5	0	0	0	1.8	4
	Nokkundi	000 69	2 34 09	97 01 1	021 03	0 0 9 0 3	9 0 × 05	000 49	6 20 02	99 05 1	980 89	0 0 9 1 6	9 × × 80	—	—	0		0.9	2
	Kalat †	000 56	0 33 09	98 00 0	020 84	0 0 9 0 0	- - 93	000 55	0 00 00	93 00 0	946 78	0 0 9 0 0	- - - 58	+ 2	- 4	0	- 0.6	9.0	7
	Turbat	000 80	7 27 09	96 07 1	936 11	7 0 9 0 1	9 × 0 13	000 79	4 18 02	96 01 1	007 90	4 1 0 0 1	9 × - 88	—	—	0		1.4	—
	Panjgur *	000 33	8 21 05	97 03 1	883 00	0 0 9 2 0	9 × 6 02	000 46	0 36 02	97 00 1	906 83	0 0 9 0 0	- - - 73	- 3	- 4	0	—	5.2	5
	Las Bela	030 78	0 14 09	99 00 0	048 00	0 0 9 0 0	- - - 06	000 76	0 00 00	99 00 0	004 85	0 0 9 0 0	- - - 80	—	—	0	—	0.1	3
	Ormara	000 89	0 28 09	94 05 0	952 00	0 0 9 0 0	- - - 00	000 78	7 07 09	95 11 1	003 81	7 5 6 0 0	- - - 79	—	—	0	- 0 4	2.7	1
	Pasni	000 75	0 28 07	97 00 0	957 01	0 0 9 0 0	- - - 91	000 79	7 09 05	96 02 1	005 80	7 5 6 0 0	4 - 76	0	0	0	- 0.5	4.2	4
	Jiwani																		4
SIND	Beti	000 74	0 27 03	96 00 0	947 10	0 0 9 0 0	- - - 10	000 83	0 27 03	96 00 0	010 91	0 0 9 0 0	- - - 91	—	—	0	—	0.6	—
	Jacobabad	000 67	0 13 07	97 00 0	022 07	0 0 9 0 0	- - - 09	000 73	0 36 05	96 00 0	006 90	0 0 9 0 0	- - - 86	+ 1	+ 1	0	0.8	0.5	4
	Sukkur	000 75	0 00 00	98 00 0	022 03	0 0 9 0 0	- - - 05	000 74	1 20 02	96 02 1	995 86	0 0 9 0 5	- × - 81	—	—	0	—	0.5	4
	Pad Idan	000 67	0 13 05	96 00 1	027 05	0 0 9 0 0	- - - 05	000 71	2 18 09	98 01 1	988 86	0 0 9 0 1	- × - 82	—	—	0	—	0.1	—
	Karachi (Manora)	000 77	0 25 09	96 00 0	969 88	0 0 9 0 0	- - - 88	000 78	5 00 00	95 05 2	004 60	0 0 9 0 9	- × - 70	0	- 2	0	- 2.6	0	8
	Karachi (A. P.)	000 78	2 20 16	96 02 1	071 87	3 4 5 0 0	- - - 02	000 74	5 00 00	96 03 1	011 82	0 0 9 3 6	- × × 70	—	—	0		0.1	—
	Badin	000 72	0 33 07	97 00 0	055 05	0 0 9 0 0	- - - 99	000 76	0 00 00	97 00 0	008 84	0 0 9 0 0	- - - 80	+ 2	- 2	0	- 3.0	0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 73	1 27 00	97 00 0	045 08	0 0 9 0 1	- - - 04	000 77	1 00 00	97 01 1	999 85	0 0 9 0 1	- × - 82	—	—	0	—	0	—
	Hyderabad	000 72	0 28 03	97 00 0	065 98	0 0 9 0 0	- - - 00	000 76	4 23 05	96 00 0	002 85	0 0 9 0 0	- × - 80	+ 1	- 1	0	- 2.3	0.2	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul																		12
	Jalalabad	000 79	7 00 00	27 02 1	983 80	0 0 9 2 1	- × × 88	000 89	1 00 00	87 01 1	991 79	0 0 9 0 1	- × - 75	—	—	0 5	—	6.9	—
	Kandahar	000 58	0 22 05	98 00 0	018 95	0 0 9 0 0	- - - 87							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY THE 20TH JULY, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_1D_BD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP.TT	$N_hC_Lh C_MC_H$	$W_1D_BD_MT_nT_n$	Departure from Normal T_xT_x	Departure from Normal T_nT_n	Rainfall Since 1st June '51 to date	Rainfall Departure from normal	Rainfall Since 1st Jan. '51 to date	Rainfall Annual Normal
11	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 84	0 07 02	99 00 0	962 91	0 0 9 0 0	- - - 95	000 71	0 00 00	98 00 0	966 93	0 0 9 0 0	- - - 87	+ 1	0	0	- 0.1	2.0	4
	Shariab	000 xx	0 16 02	97 00 0	958 07	0 0 9 0 0	- - - xx	000 xx	0 30 02	97 00 0	963 96	0 0 9 0 0	- - - xx	-	-	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 Control, 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_aL_a	$L_aL_oL_oGG$	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	D_s v_s app	8 N_s C h_sh_s	O T_sT_s T_dT_d	$I_dw_dw_Pw_Hw_H$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Palamcotta	53 188	784 06	8 25 24	97 03 6	149 79	87 4 20	...			
Rizwani	53 203	710 06	7 28 18	97 02 6	009 82	78 3 00	7 6 616	1	0 51 78	
Palamcotta	53 149	782 08	8 26 24	96 00 6	142 83	47 5 20				
Salamat	53 201	702 12	8 24 18	97 25 6	995 81	89 3 7	3 5 616	1	0 58 77	1 28 45
Alvi	53 148	699 12	8 24 24	96 48 6	017 78	87 5 00	6 8 900		0 00 76	1 27 24
Palamcotta	53 157	729 18	8 25 27	96 61 6	136 81	47 4 20				
Cortu	53 166	731 12	8 27 00	97 00 6	155 79	87 4 <x	7 6 615	1	0 57 75	1 27 x5
Palamcotta	53 166	729 18	8 26 27	97 00 6	132 81	47 4 20	...			
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE:— iiiGG	PoPoPoToTo	TdoTdoTxoXiXi	PiPihihihi	TrTrTdrTdrTxr etc.	5555	hihiPiPiPi	TrTrTdrTdrTxr etc.
1	2	3	4	5	6	7	8	9	10
Karachi ...	780 15	995 38	254 60	864 89	281 18	700 26	195 33	500 81	549 91	802 00	779 91	201 28	555 55	302 00	801 91	498 90	891 85	888 00	220 43	456 00	639 94	504 00	629 97	883 80	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. ††										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	18	19	20	21	22	23	24	25
Bogra	18 06	17 09	17 08	16 07	17 07	18 06	—	—	—	—	15 12	16 13	16 12	15 12	—	—	11 10	12 16						
Dhhor	21 12	21 12	19 16	17 15	12 12	05 19	03 32	03 31	—	—					—	—	25 07	33 13	20 13	17 12	13 20	07 15	06 24	05 27
Chittagong	21 05	17 04	15 09	—	—	—	—	—	—	—	15 13	16 24	17 21	—	—	—	16 11	15 16	16 17	15 17	16 15	10 11	13 09	—
Cox's Bazar											14 13	12 25	16 26	17 31	16 33	—	24 17	15 15	15 15	15 15	15 16	15 15	—	—
Dacca	15 09	15 09	16 08	—	—	—	—	—	—	—	16 13	17 15	17 16	17 17	17 24	—	14 18	14 16	14 13	14 11	—	—	—	—
Dalbandin	—	—	21 01	21 03	22 04	25 10	19 19	—	—	—	—	—	09 02	04 05	09 03	—	—	—	05 08	07 12	07 08	23 09	20 07	20 18
Drosh													—	56 02	04 09	01 11	—	—	—	—	04 14	09 11	—	—
Fort Sandeman				07 04	19 02	16 05	28 21	—	—	—				09 09	20 05	17 06				23 04	20 09	24 21	—	—
Jacobabad	19 04	27 01	28 01	23 03	16 10	35 25	33 31	30 24	—	—	18 11	16 12	16 08	16 07	06 05	24 15	15 05	27 13	19 28	11 12	14 05	25 08	32 10	—
Jhelum	23 03	36 01	18 01	15 05	16 05	19 07	22 13	25 32	24 42	—	30 12	33 07	33 04	13 05	24 09	31 07	20 04	11 06	09 06	05 04	05 10	30 04	28 10	—
Kiwan																								
Karachi	27 15	32 11	04 15	04 16	06 19	05 19	—	—	—	—	26 07	25 10	19 15	06 04	07 15	—	21 04	26 09	15 14	14 16	06 14	08 16	—	—
Khanpur	23 05	13 04	26 05	14 06	24 07	25 07	25 12	26 23	25 21	28 13	23 15	xx xx	23 15	24 14	24 08	—	27 13	27 11	29 09	25 04	—	—	—	—
Lahore	22 09	26 09	21 02	22 02	20 06	22 12	22 15	—	—	—	21 12	24 07	25 08	25 01	—	—	11 11	11 02	11 04	11 04	14 02	22 06	25 18	25 18
Multan	01 04	02 04	01 05	25 09	25 09	—	—	—	—	—					—	—	26 18	02 12	06 15	24 15	29 13	29 09	—	—
Peshawar	—	04 02	01 02	02 08	20 11	01 06	22 21	22 17	24 06	—	—	32 07	28 11	22 12	28 07	—	—	12 09	13 04	22 14	25 13	25 02	22 12	26 18
Quetta					26 02	30 10	29 25	—	—	—					25 06	24 06						10 10	24 06	—
Bushire																								
Sharjah																								

Cloud Observation Data (iiiGG Cddv, v,)

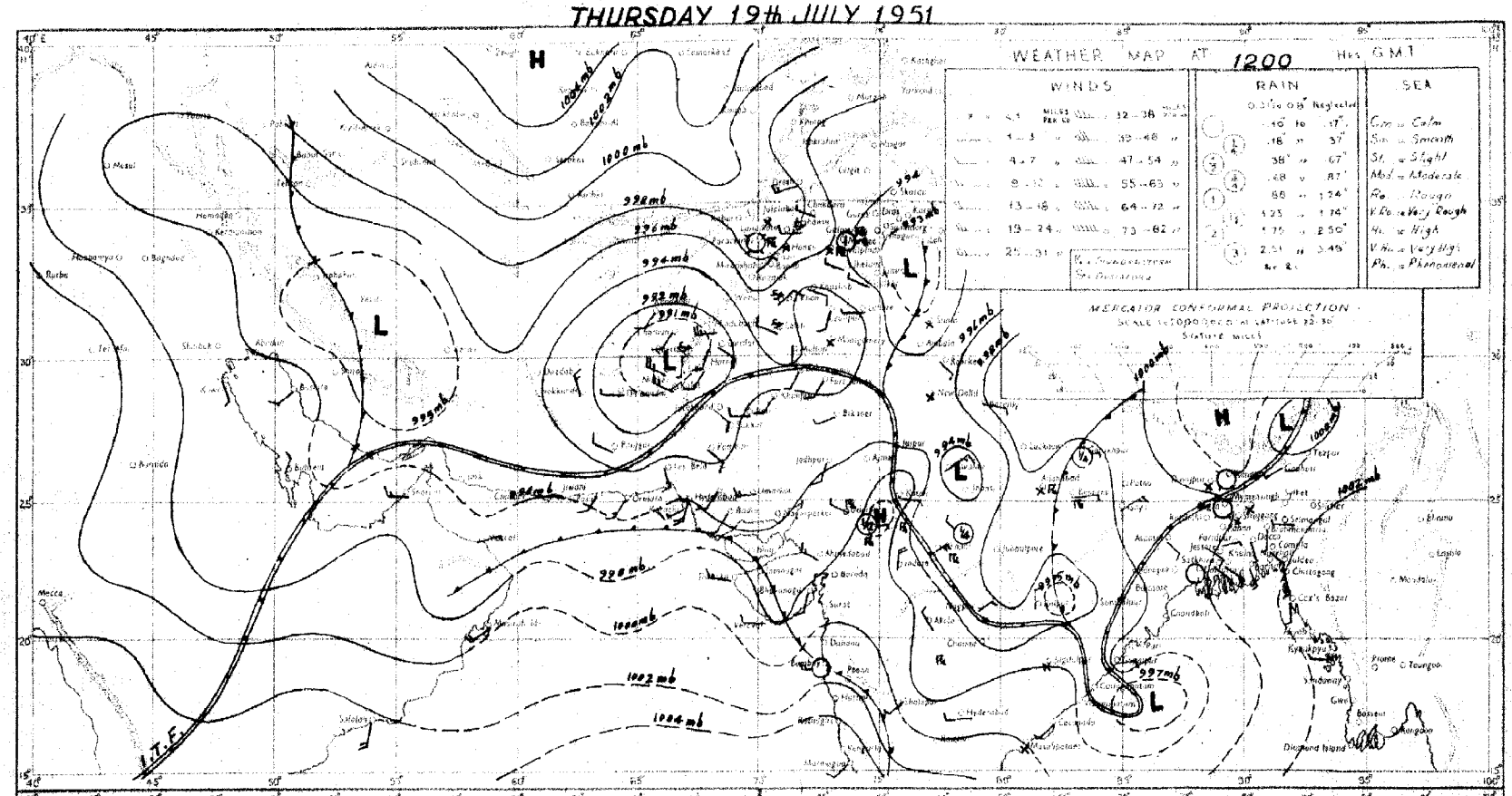
Drosh 51502 42124
Multan 67502 42913

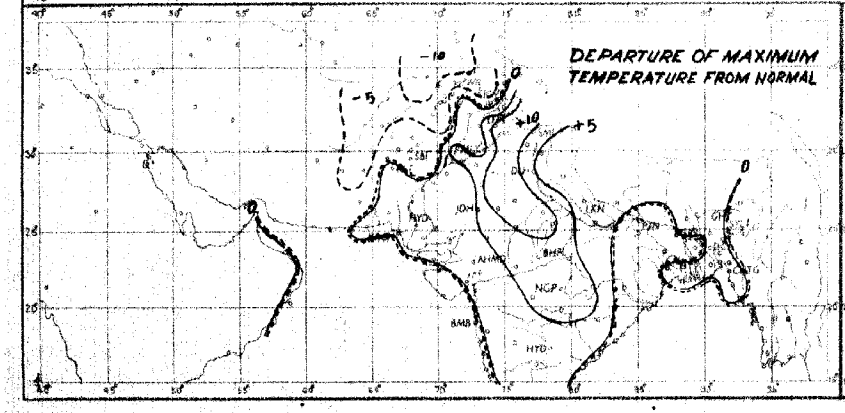
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km.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

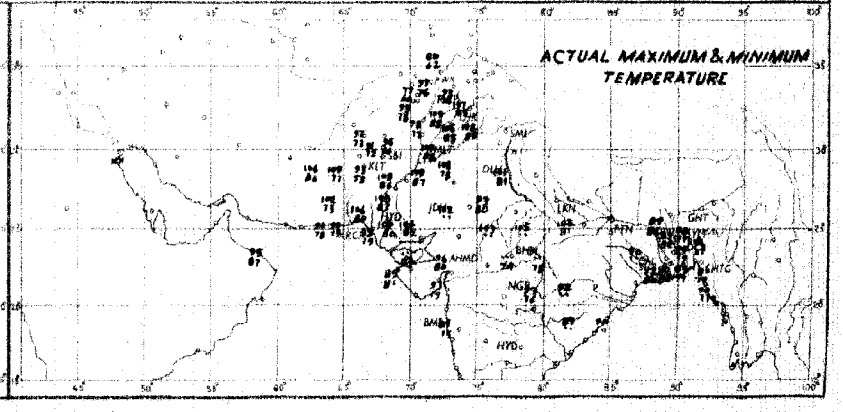
E. F. W.

PAKISTAN DAILY WEATHER MAP

THURSDAY 19th JULY 1951



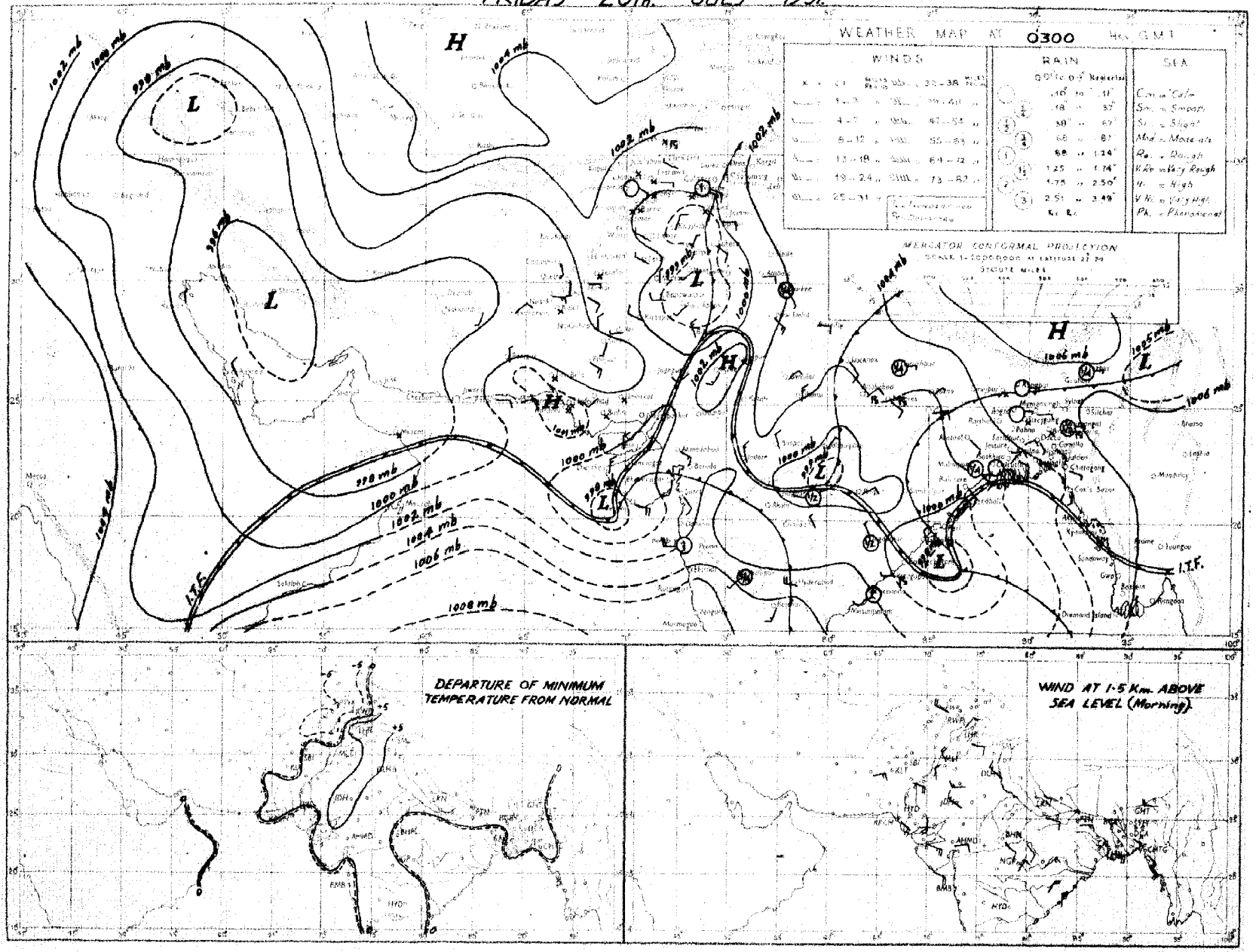




Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 20th. JULY 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-1467

FOR SATURDAY, THE 21ST JULY, 1951

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

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

The shallow depression off Orissa coast has intensified into a depression centred at 0300 G. M. T. to-day within half degree Lat. 18°N Long. 86°E. It is likely to intensify further and move westnorthwestwards.

The shallow depression persists off Kathiawar coast.

Local rain has occurred in East Pakistan.

Scattered dust/thunderstorms have also been reported from the Punjab, the upper North-West Frontier Province and north Baluchistan.

Chief amounts of rainfall are :—Dinajpur ¾" and Comilla ½".

Day temperatures were appreciably to markedly above normal in the Punjab and lower Sind and appreciably to markedly below normal in north Bluchistan and the North-West Frontier Province.

Forecast valid until the evening of 22nd :—Local thunderstorms/showers followed by widespread and locally moderate to heavy rain in East Pakistan. Scattered thunderstorms will occur in the North-West Frontier Province, the extreme north Punjab, Kashmir and lower Sind. A few dust/thunderstorms are also likely in north Baluchistan.

Karachi-11.
The 21st July, 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$_M$C$_H$	W$_t$D$_L$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$_M$C$_H$	W$_t$D$_L$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 76	7 18 09	95 08 1	028 88	3 5 5 2 0	1 × × 92	000 75	1 13 02	97 01 1	043 87	1 1 7 0 0	1 - - 76	+ 7	0	45.1	- 8.5	54.8	140
	Chittagong	000 77	7 18 09	97 08 1	014 84	7 3 5 0 0	- - 87	040 77						+ 1					108
	Comilla	000 76	4 18 05	98 08 1	014 87	2 2 7 0 2	× 88	000 78	5 13 02	98 01 1	052 84	3 2 7 0 2	7 × - 78	0	+ 1	43.7	+15.6	49.4	115
	Brahmanbaria	000 77	4 00 00	97 02 1	032 86	4 1 5 0 0	- × 89		5 18 02	97 01 1	041 85	5 0 7 2 0	0 × 4 79	—	—	2.4	+ 2 1	33.6	94
	Dacca	000 79	9 18 02	97 08 2	011 86	3 4 5 7 0	9 × × 89	××× 80	6 11 02	98 01 6	038 84	4 3 5 2 0	2 - × 79	—		—	—		78
	Narayanganj	000 74	4 16 05	96 01 1	008 86	1 1 6 0 1	7 × - 90	008 78	7 16 03	96 03 5	033 84	0 0 7 4 1	8 × × 81	+ 2	+ 2	35.5	+12 8	52.7	74
	Mymensingh	000 78	8 00 00	99 02 2	016 85	9 4 7 -	- 87	000 78	8 00 00	99 02 2	046 84	8 4 7 - -	- - - 80	- 1	+ 1	27 6	- 6.2	35.7	81
	Srimangal	001 80	6 27 02	97 01 6	015 88	2 2 5 0 8	- × - ××							—					88
	Khulna	000 76	4 13 05	97 00 0	013 85	4 4 7 0 0	- 88	000 77	4 16 03	98 01 1	033 87	4 5 8 0 0	- - - 80	0	+ 2	10 7	- 2.5	28 2	60
	Satkhira	000 80	5 18 03	97 02 6	012 88	3 4 7 6 0	4 - × 90	009 77	4 23 02	97 08 6	033 86	3 4 7 6 0	9 - × 80	+ 1					65
	Jessore	000 79	4 13 05	97 01 5	008 87	4 2 6 0 0	2 - 91	000 77	5 09 05	96 02 2	021 86	5 8 6 0 0	- - 78	—	—	14.7	5 2	21.9	55
	Faridpur	000 78	5 08 05	96 01 1	016 85	3 4 6 1 0	9 1 85	000 78	7 06 00	97 01 1	039 84	5 4 6 1 0	0 × 80	- 3	+ 1	25.0	+ 4 1	32 3	71
	Barisal	000 77	5 13 03	98 01 1	003 85	3 4 6 0 6	× - 88	000 78	7 13 03	97 08 2	034 85	5 8 5 0 6	× - 81	+ 1	+ 2	24.4	- 1 5	34.0	81
	Pabna															-			59
	Rampur Boalia																		56
	Sirajganj	000 80	4 00 00	99 02 1	998 87	2 1 8 -	- - 97	000 79	6 00 00	99 03 2	023 85	4 2 8 - -	- - - 81	+ 9	+ 2	27.1	+ 7.0	37.6	64
	Bogra	000 79	5 00 00	96 01 0	000 86	2 2 6 7 4	- × × 89	000 79	6 11 02	96 01 1	038 86	4 7 7 2 0	- - × 81	0	+ 2	27 3	+ 6.3	34.2	60
	Dinajpur	000 76	3 00 00	97 01 1	018 90	0 0 9 4 0	9 2 91	070 78	5 00 00	97 02 2	050 81	0 0 9 4 0	9 - × 81	+ 2	+ 2	24 9	+ 0.4	29.5	72
	Rangpur	000 ××	4 09 02	98 02 1	— —	4 1 3 0 0	- - - —	000 ××	2 07 02	98 02 1	— —	2 1 3 0 0	- - - ××	—	—	45.1	—	54.7	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 89	0 00 00	95 05 4	947 05	0 0 9 0 0	7 × × 06	000 84	0 00 00	96 00 0	985 92	0 0 9 0 0	- - - 86	+ 5	+ 4	1.4	- 1.7	6.7	12
	Lahore	000 89	1 00 00	95 05 1	957 06	1 1 7 0 0	5 × × 07	000 74	0 13 07	95 05 0	000 93	0 0 9 0 0	- - - 87	+ 7	+ 6	2.5	- 2.7	6.5	19
	Sialkot	000 71	4 00 00	97 03 1	971 05	4 0 8 4 0	- - - 06	000 74	2 09 06	97 02 1	001 ××	1 0 8 6 0	- - - ××	+ 9	×	2.2	- 6.7	7.1	32
	Jhelum	000 82	3 00 00	96 08 1	956 84	3 5 7 0 0	4 × × 06	011 74	0 00 00	95 05 9	998 91	0 0 9 0 0	- - - 81		—	4.8	—	14.5	—
	Rawalpindi	000 66	0 00 00	99 00 0	951 01	0 0 9 0 0	- 05	000 67	0 00 00	99 00 0	008 90	6 0 9 0 0	- - - 77	+ 8	0	3.2	- 4.1	14.6	30
	Murree †	005 51	5 09 03	97 02 1	986 74	5 9 8 0 0	9 × × 79	000 58	0 00 00	97 00 1	949 73	0 0 9 0 0	- - - 68	+ 6	+ 4	8.7	3 1	31.2	59
	Attock							1×× ××	0 13 05	98 08 0	— —	0 0 9 0 0	—		—	—	—	—	—
	Khushab	000 78	4 30 05	97 08 1	962 02	4 0 8 3 0	- - - 08	000 77	0 07 05	97 00 0	789 95	0 0 9 0 0	- - - 83	+ 6	+ 1	1.7	2.1	7.4	10
	Montgomery	000 76	8 00 00	96 08 2	948 00	0 0 9 0 7	8 0 × 09	000 75	0 18 02	97 00 0	992 92	0 0 9 0 0	- - - 80	+ 6	+ 3	1.6	- 1.6	5.2	10
	Leiah	000 93	2 31 03	97 00 1	964 06	0 0 9 0 2	- 09	000 79	0 00 00	97 00 0	969 90	0 0 9 0 0	- - - 82	—	—	0	—	5.7	9
	Multan	000 66	0 18 00	97 00 0	955 09	0 0 9 0 0	- - - 10	000 69	0 18 00	96 00 1	996 90	0 0 9 0 0	- - - 85	+ 8	0	1.2	- 0 3	4 4	7
	Khanpur	000 86	0 29 02	94 07 0	954 74	0 0 9 0 0	- - - 09	000 82	0 23 03	93 30 1	990 94	0 0 9 0 0	- - - 86	+ 2	+ 3	0.2	- 1 4	1.9	6
	Bahawalpur	000 74	0 00 00	97 00 0	954 07	0 0 9 0 0	- - 08	000 73	0 00 00	97 00 0	900 88	0 0 9 0 0	- 84	+ 3	+ 1	0	1.6	3 1	6
	Fort Abbas	000 66	0 28 12	96 00 0	949 02	0 0 9 0 0	0 × × 12	000 66	0 23 02	96 00 0	988 95	0 0 9 0 0	- - - 78	—	—	0.3	—	1.2	8
N. W. F. P.	Drosh *	000 44	8 11 10	98 20 1	940 77	8 9 5	8 × × 80	004 61	0 00 00	99 00 6	901 69	0 0 9 0 0	- - - 65	17	- 8	1.0	—	21.3	18
	Chakdara	000 60	0 23 12	96 00 0	949 02	0 0 9 0 0	0 × × 12	000 69	0 28 02	98 00 0	010 81	0 0 9 0 0	- - - 71	—	—	2.8	—	14.7	—
	Cherat *	000 30	0 31 05	97 00 0	918 89	0 0 0 0 0	- - 92	000 52	0 36 14	97 00 0	933 80	0 0 9 0 0	- - - 75	+ 3	+ 4	1.5	- 2.5	25.6	29
	Peshawar	000 51	4 11 03	95 03 1	966 01	1 1 7 7 0	- - 08	000 65	1 09 00	97 02 1	003 88	0 0 9 3 0	- - × 79	+ 1	1	0.4	- 0.7	7.7	14
	Parachinar	000 49	7 18 02	96 02 2	936 79	2 2 5 6 0	5 × 9 83	010 53	0 09 00	99 00 1	944 74	0 0 9 0 0	- - - 64	- 4	- 2	4.0	—	21.8	30
	Miranshah	000 78	4 13 02	98 00 6	911 90	4 × 7 0 0	- 94	000 57	0 00 00	98 00 0	914 95	0 0 9 0 0	- - - ××	—	—	0.7	- 1.3	7.6	18
	Bannu	000 69	0 00 00	97 05 4	952 02	0 0 9 0 0	- 03	000 59	0 31 02	97 05 4	988 92	0 0 9 0 0	- - - 84	—	—	0.7	—	5.6	11
	D. I. Khan	000 78	7 00 00	94 03 0	957 05	0 0 9 7 0	0 0 6 07	000 75	0 02 02	95 06 0	980 91	0 0 9 0 0	- - - ××	+ 2	—	0.6	- 1 4	2.8	9
	Wana																		11
	Landikotal	000 57	4 00 00	98 02 1	897 93	4 4 6 0 0	- - - 95	000 56	0 00 00	99 00 1	916 84	0 0 9 0 0	- - - 78	—	—	0.6	—	10.1	—
	Hangu	××× ××	0 00 00	97 09 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - ××	—	—	—	—	—	—
	Thall	××× ××	× 36 12	98 03 1	— —	× × × × ×	- - - —	××× ××	0 10 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 60	2 18 08	96 05 9	868 91	2 5 6 0 0	9 × × 97	000 54	0 00 00	97 00 8	898 79	0 0 0 0 9	- - - 76	- 3	+ 2	0	- 2.0	5.9	11
	Hindubagh	000 43	1 26 05	97 01 1	917 90	1 2 6 0 0	7 × × 91	000 49	0 09 00	96 00 0	946 80	0 0 9 0 0	- - - 61	—	—	0	—	8.3	—
	Loralai	000 71	4 13 05	96 03 0	890 86	4 7 5 0 0	- ××	000 65	0 31 05	98 00 9	916 80	0 0 9 0 0	- - - 65	—	—	0.1	—	6.5	—
	Harnai (a)	000 ××	6 09 00	96 02 2	— —	0 0 9 2 5	9 5 5 ××	000 ××	0 27 02	96 00 2	—	0 0 9 0 0	- - - ××	—	—	0.7	- 1.6	9.3	14
	Sibi	000 62	6 28 06	95 02 1	954 08	0 0 9 7 0	- 10	000 67	0 28 06	98 00 0	901 95	0 0 9 0 0	- - - 89	—	—	0	- 0.4	1.6	5
	Quetta †	000 27	0 31 03	99 00 1	020 90	0 0 9 0 0	- - - 92	000 57	0 00 00	98 05 0	987 73	0 0 9 0 0	- - - 63	—	—	0	- 0.4	6.5	9
	Chaman	000 72	0 27 05	97 00 0	889 96	0 0 9 0 0	- - 98	000 57	0 15 02	97 00 0	928 86	0 0 9 0 0	- - - 72	- 3	2	0	- 0.1	9.6	9
	Nushki	000 91	3 29 22	94 03 1	037 96	0 0 9 0 5	7 6 0 06	000 74	0 09 07	98 00 0	968 88	0 0 9 0 0	- - - 82	—	—	0	—	6 4	—
	Dalbandin *	000 61	7 09 09	95 04 1	297 04	7 8 7 0 0	- 05	000 71	0 95 02	98 05 0	920 88	0 0 9 0 0	- - - 77	- 5	+ 4	0	0	1.8	4
	Rokkundi	000 93	2 92 03	99 98 1	028 07	0 0 9 0 2	9 0 × 09	000 76	4 00 00	99 01 1	983 88	0 0 9 7 6	9 × × 81	—	—	0	—	0.9	3
	Kalat †	000 69	0 22 09	98 00 0	986 85	0 0 9 0 0	- - - 90	000 60	0 00 00	98 00 0	952 72	0 0 9 0 0	- - - 67	1	- 6	0	- 0.6	9.0	7
	Turbat	000 87	0 33 07	97 00 1	978 08	0 0 9 0 0	- - - 10	000 81	0 00 00	96 00 0	998 91	0 0 9 0 0	- - - 86	—	—	0	—	1.4	—
	Panjgur *	000 79	1 31 02	97 03 0	889 02	0 0 9 0 1	9 6 × 05	000 65	0 27 02	97 00 0	926 82	0 0 9 0 0	- - - 77	0	+ 1	0	—	3.2	5
	Las Bela	000 68	0 16 06	99 00 0	966 08	0 0 9 0 0	- 00	000 75	0 00 00	99 00 0	930 92	0 0 9 0 0	- - - 84	—	—	0	—	0.1	3
	Ormara	000 73	4 09 02	98 08 0	078 02	4 0 9 0 6	- - 92	000 79	6 26 02	96 06 1	001 85	6 0 9 8 0	- - - 80	—	—	0	—	2.7	6
	Pasni	000 77	0 13 07	97 00 0	977 87	0 0 9 0 0	- - 88	000 77	0 00 00	96 00 0	008 84	0 0 9 0 0	- - - 77	- 8	- 1	0	- 0.5	4.2	5
	Jiwani																		4
SIND	Roti	000 74	0 13 02	98 00 0	968 09	0 0 9 0 0	- - - 10	000 84	0 27 05	96 00 0	×× 92	0 0 9 0 0	- - - 02	—	—	0	—	0.6	—
	Jacobabad	000 81	1 30 07	97 02 1	964 06	0 0 9 0 0	- - - 06	000 71	0 00 00	95 06 0	995 92	0 0 9 0 0	- - - 88	0	+ 1	0	- 0.9	0.5	4
	Sukkur	000 72	1 25 02	95 02 1	059 08	0 0 9 0 3	- - - 09	000 74	0 11 02	95 05 1	994 87	0 0 9 0 0	- - - 85	—	—	0	—	0.5	4
	Pad Idan	000 81	1 13 05	96 01 1	002 07	0 0 9 1 0	- - - 05	000 72	2 16 05	97 01 1	987 93	0 0 9 0 1	- × 81	—	—	0	—	0.1	—
	Karachi (Manora)	000 79	6 25 05	96 02 2	976 87	0 0 9 7 0	- - 90	000 79	6 27 05	95 05 2	996 83	0 0 9 7 7	- × × 81	+ 2	0	0	- 2 7	0	8
	Karachi (A. P.)	000 77	6 26 12	96 09 1	976 93	0 0 9 7 0	- - 98	000 78	5 31 05	96 01 1	996 88	0 0 9 4 6	- × × 83	—	—	0	—	0 1	—
	Badin	000 83	6 11 07	97 03 1	984 43	0 0 9 5 0	5 0 8 04	000 76	6 23 03	97 03 2	897 92	0 0 9 × 0	- - - 85	+ 7	+ 4	0	- 8.0	0	8
	Nagarparkar																		
	Umarkot (Umerkot)	000 74	7 20 03	97 03 1	989 02	0 0 9 3 0	- - - 03	000 76	7 00 00	97 00 0	985 94	0 0 9 5 3	- × × 88	—	—	0	—	0	—
	Hyderabad	000 83	4 28 03	97 02 1	984 05	0 0 9 4 0	- - - 05	000 79	7 23 03	96 06 1	994 91	0 0 9 7 0	- × - 84	+ 6	+ 8	0	- 3.3	0.3	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul																		13
	Jalalabad	000 79	2 00 00	97 01 1	××× ××	0 0 9 7 0	2 × 9 01	000 69	1 00 00	97 01 1	982 84	0 0 9 0 1	9 9 × 78	—	—	0.5	—	6.9	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY THE 21ST JULY, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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_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 June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
11	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	-	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	31
Arabia	Muscat	-	000 75	0 60 09	99 98 0	957 95	0 0 9 0 0	- - - 98	000 85	0 11 09	60 09 0	986 88	0 0 9 0 0	- - - 86	+ 4	0	0	- 0.3	3.3	4
	Sharjah	-	000 xx	0 09 09	97 00 0	965 97	0 0 9 0 0	- - - 97	000 xx	0 25 05	97 00 0	996 97	0 0 9 0 0	- - - xx	-	x	0	0	1.5	4
	Kuwait	-	000 xx	0 09 09	97 00 0	965 97	0 0 9 0 0	- - - 97	000 xx	0 25 05	97 00 0	996 97	0 0 9 0 0	- - - xx	-	x	0	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 : 6,690-6,713 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 Centrol, 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 $L_a L_a$	$L_o L_o$ 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 $h_s h_s$	O $T_w T_w T_d T_d$	$1 d_w d_w P_w H_w$	SHIP	YQ $L_a L_a$	$L_o L_o$ 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 $h_s h_s$	O $T_w T_w T_d T_d$	$1 d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Alavi	63 198	675 06	8 25 24	96 25	2053 84	87 5 00	6 3 300		0 51 76												
Dwarka	63 218	692 06	6 18 11	97 15	2093 82	88 4 00	0 7 530		0 01 79												
Alavi	63 188	687 09	8 24 24	96 21	2010 82	87 5 00	6 2 300		0 52 74	1 27 24											
Beckleymool	63 140	688 12	8 21 24	95 02	2065 80	86 × 00	2 4 820		0 02 73	1 21 26											
Dorfu	63 184	708 18	8 22 24	97 16	2021 81	77 4 9×	—		0 54 77	1 23 ×9											
Alavi	63 188	669 12	8 25 24	97 10	2003 84	87 5 —	6 3 300		0 01 76	1 25 24											
Beckleymool	63 140	688 12	8 21 24	95 02	2065 80	86 × 00	2 4 820		0 02 73	1 21 26											
Dwarka	63 235	674 18	× 27 09	97 13	2992 86	81 4 60	7 4 114		0 02 50												
Shwedayon	68 147	618 18	4 09 12	98 02	0993 80	00 9 76	...		...												
Subedar	63 228	643 18	× 18 07	98 02	1004 81	×× × ××	1 4 820		0 01 ××												
Dwarka	63 235	674 19	7 27 09	97 13	2992 86	81 4 50	7 4 114		0 02 50												

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_0P_0P_0T_0T_0$	$T_{d0}T_{d0}T_{x0}X_tX_2$	$P_tP_tb_th_th_t$	$T_tT_tT_{dt}T_{dt}T_{xt}$ etc.	5555	$b_th_tP_tP_tP_t$	$T_tT_tT_{dt}T_{dt}T_{xt}$ 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 15	996 30	269 60	854 72	281 84	700 27	150 05	509 38	009 97	302 29	729 90	201 72	959 91	855 56	309 00	282 05	058 00	231 35	456 00	055 25	984 93	089 90	524 00	589 91	853 50

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	5	7	10	15	20	25	30	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	7	10	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. †† 1	2	3	4	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	26	27	28
Bogra	12 06	13 09	12 14	—	—	—	—	—	—	—		12 13	14 20	19 28	15 20	15 12	14 12	12 06	—	—	—	—	—	—	—	—	—
Okhor	17 12	11 04	11 10	09 12	09 12	09 17	09 13	—	—	—		—	—	—	—	—	—	14 07	21 07	19 03	09 06	05 17	06 13	—	—	—	—
Chittagong	21 07	18 01	17 13	15 33	15 27							14 14	15 29	—	—	—	—	18 04	18 17	14 19	14 19	15 21	—	—	—	—	—
Cox's Bazar	17 17	15 18	15 38	14 24	14 20	—	—	—	—	—	—	14 20	18 20	15 25	15 19	—	—	15 09	14 18	14 18	13 19	13 18	13 19	11 19	15 18	—	—
Dacca	14 05	15 10	15 11	14 15	—	—	—	—	—	—	—	15 12	15 12	16 18	16 16	15 19	—	15 12	15 15	15 16	15 15	15 22	10 17	—	—	—	—
Dalbandin	-	—	03 04	01 05	09 02	17 01	—	—	—	—	—	—	—	07 12	05 09	09 11	12 23	—	—	—	10 09	11 06	11 09	12 05	21 10	31 10	31 19
Drisa	—	—	—	—	09 08	05 01	28 09	25 15	—	—	—	—	—	—	calm	03 05	03 09	—	—	—	—	—	04 08	24 12	28 08	28 09	28 09
Fort Sandeman	—	—	—	28 02	22 05	28 08									05 13	04 06	05 01						22 08	25 06	24 13	28 15	28 15
Jacobabad	15 11	17 11	17 01	16 08	12 09	15 01	25 07	26 07	21 16	21 21		19 14	18 09	20 12	21 09	27 07	—	16 04	24 07	27 07	22 06	23 03	22 03	21 07	24 06	24 06	24 06
Jheium	14 05	15 04	02 04	14 05	12 02	01 06	27 10	28 19	25 25	—		18 03	21 21	20 22	22 03	25 06	29 05	05 05	09 17	01 07	10 04	25 02	22 06	25 13	28 16	28 16	28 16
Kwan:	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karach:	20 08	22 04	18 06	12 13	12 15	07 23	05 27	06 26	07 15	15 15		19 08	11 09	11 13	16 10	—	—	25 09	22 06	20 05	07 08	06 16	07 19	—	—	—	—
Khanpu:	22 03	24 00	23 06	28 04	22 01	03 12	30 03	—	—	—		21 26	23 09	24 06	—	—	—	26 15	27 11	20 18	20 07	—	—	—	—	—	29 06
Lahore	10 07	12 11	18 06	14 05	25 05	28 06	—	—	—	—		13 13	14 10	13 15	11 08	—	—	16 09	14 05	03 08	03 09	22 10	21 14	—	—	—	—
Multan	24 06	24 06	25 04	25 08	23 11	23 08	23 11	23 15	22 11			27 15	23 09	24 12	19 08	—	—	25 09	01 05	01 04	04 08	29 01	28 07	21 04	—	—	—
Peshawar	—	00 05	04 08	24 08	26 02	24 02	27 12	24 15	23 48	22 55		—	30 13	28 04	31 07	23 07	15 06	—	—	—	03 09	28 09	25 06	24 19	—	—	—
Quetta	—	—	—	—	25 09	31 03	27 09	28 25	—	—		—	—	—	—	29 21	16 07	—	—	—	—	—	15 05	25 13	25 05	—	—
Bushire	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v,)

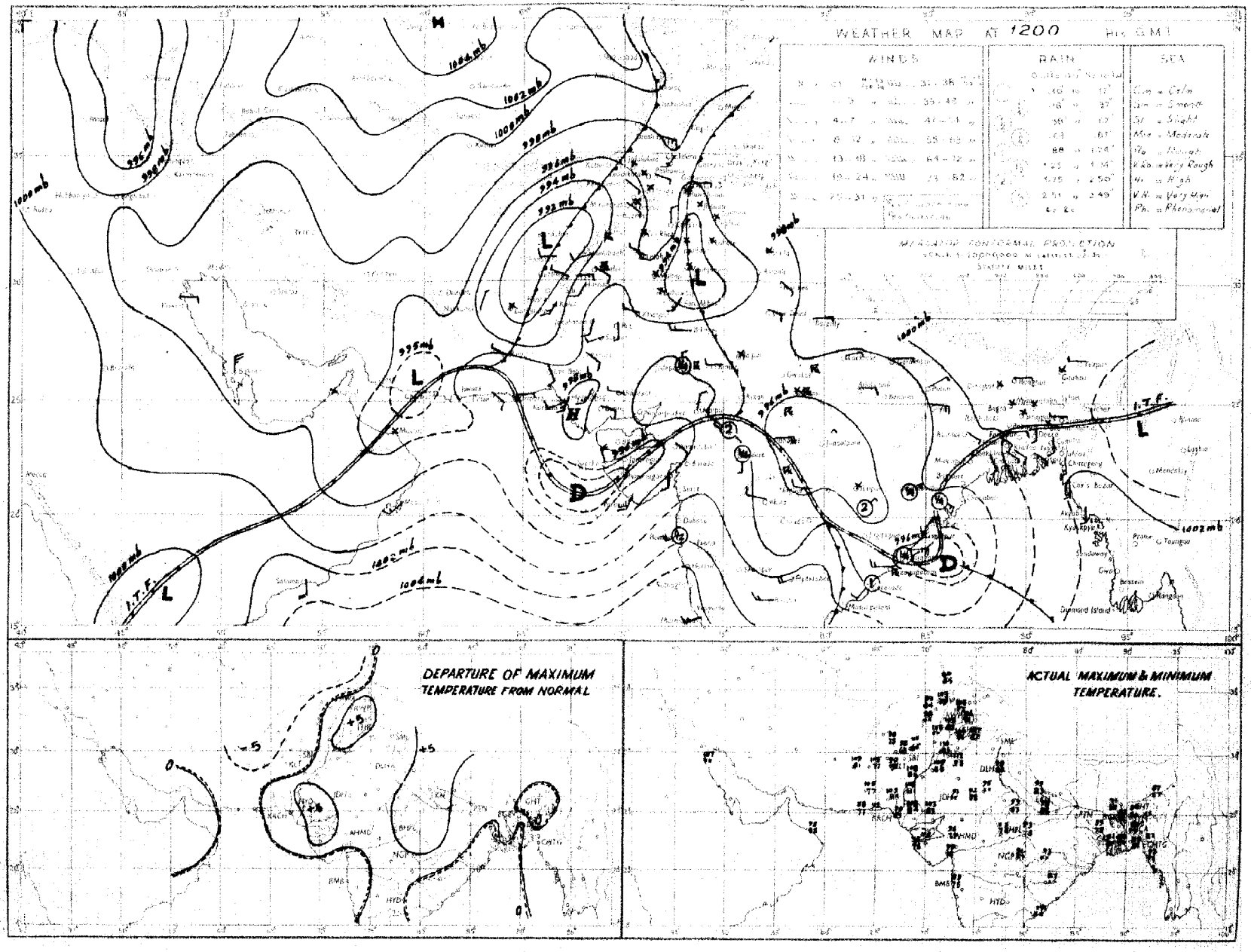
Chhor 76805 30905

* 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

E. P. W.

PAKISTAN DAILY WEATHER MAP

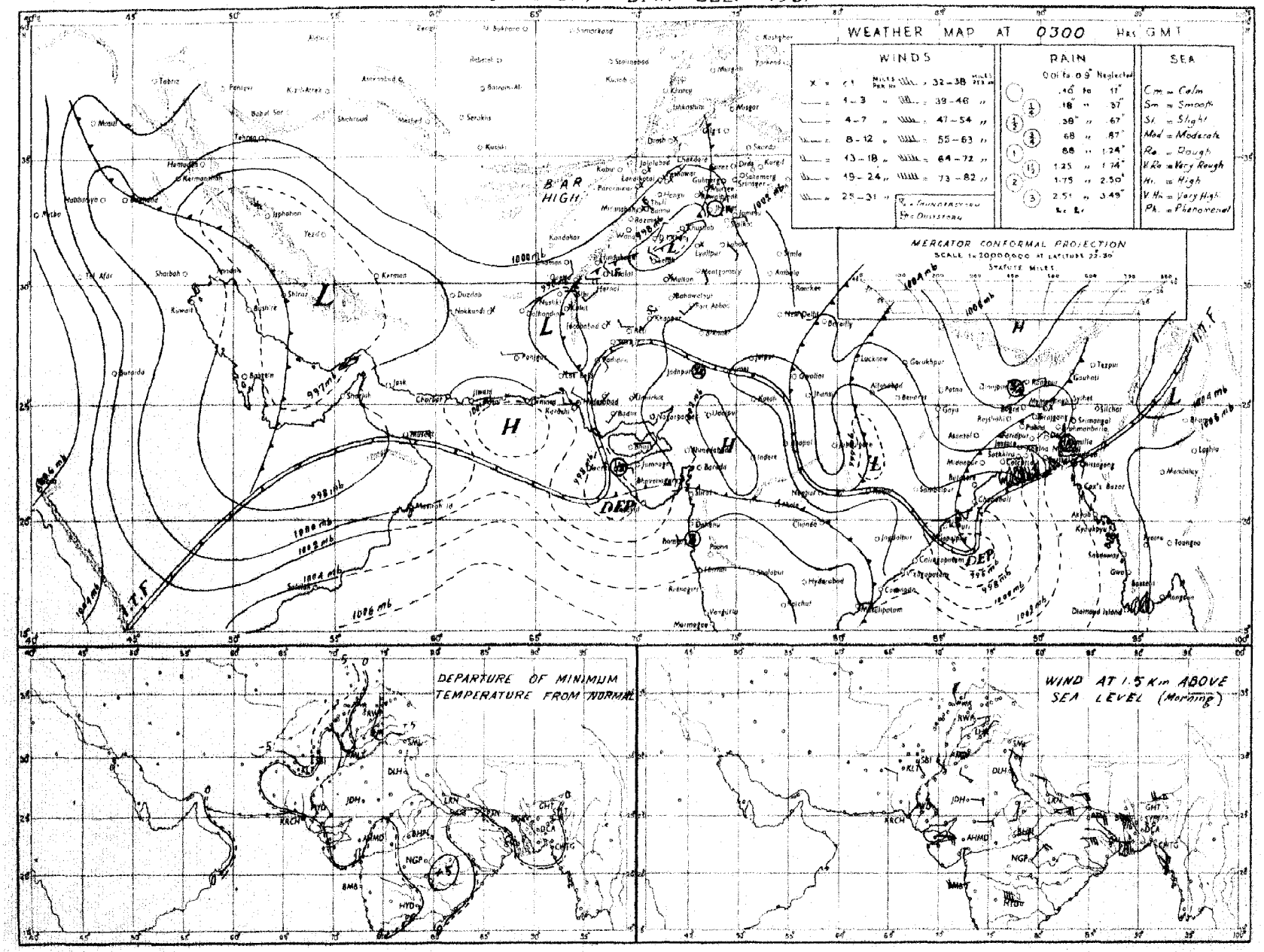
FRIDAY 20th: JULY 1951



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 21st. JULY 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-1467

FOR SUNDAY, THE 22ND JULY, 1951

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

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

The shallow depression off Kathiawar coast persists. It is likely to move in some northerly direction and merge into the seasonal low, which has shifted southwards and now lies over upper Sind and the south Punjab.

Observations from India are meagre, but believe the day depression lies close to Orissa coast and is likely to move westnorthwestwards.

Local rain has occurred in East Pakistan. Scattered dust/thunderstorms have also been reported from the north Punjab, the lower North-West Frontier Province, Baluchistan and lower Sind.

Chief amounts of rainfall are :—Comilla ¾" and Pasni ½".

Day temperatures were appreciably to markedly above normal in the Punjab and Sind.

Forecast valid until the evening of 23rd :—Fairly widespread rain/thundershowers will occur in East Pakistan and local thunderstorms/showers in the north Punjab, the upper North-West Frontier Province and Kashmir. Scattered dust/thunderstorms will also occur in Sind, the south Punjab and Baluchistan.

Karachi-11.
The 22nd July, 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	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_nT_n$	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 77	7 18 09	96 03 1	004 81	2 6 5 2 0	1 × 0 92	000 76	2 00 00	97 01 1	021 89	0 0 9 8 1	1 0 0 79	+ 7	+ 3	45.1	- 9.8	54.8	140
	Chittagong	000 77	7 25 09	97 08 1	002 86	5 8 5 7 1	0 9 9 89	000 75	4 07 05	97 02 5	020 85	1 1 5 7 8	9 9 8 79	+ 3	+ 2	43.5	+ 6.8	78.2	105
	Comilla	000 77	4 27 02	98 03 1	002 86	2 2 7 0 2	- 86	070 77	5 09 02	98 01 1	025 84	2 2 7 0 2	7 0 0 78	- 1	+ 1	44.5	+15.7	50.1	118
	Brahmanbaria	000 77	3 00 00	97 02 1	004 91	8 0 7 2 0	0 × 0 92	000 77	3 00 00	97 01 1	081 85	3 0 0 0 8	0 4 × 78	—	-	23.6	+ 1.8	38.5	94
	Dacca	000 79	5 00 00	97 02 1	999 87	3 8 7 2 0	8 × 9 90	××× 81	8 13 02	97 21 6	022 84	4 8 5 2 0	2 × × 79	—		—	—		78
	Narayanganj							000 77	7 09 03	96 03 2	016 86	0 0 7 7 -	9 × 0 81		+ 2	33.5	+11.9	52.7	74
	Mymensingh	000 79	0 00 00	99 00 2	007 86	0 0 0 0 0	- - 88	000 78	8 00 0-	99 02 2	023 84	8 4 7 - -	- - - 80	0	+ 2	27.5	1.3	35.7	91
	Srimangal	000 78	3 36 02	97 01 1	008 86	1 2 7 0 1	0 8 × 92	010 78	8 36 02	97 02 6	030 78	8 5 7 - -	4 × × 75	+ 1	- 1	31.0	+ 2.2	59.9	98
	Khulna	000 70	4 13 05	97 00 0	997 86	4 4 7 0 2	- - 90	000 79	6 13 02	97 02 1	020 86	4 4 7 0 0	- - - 81	+ 2	+ 3	19.7	- 3.1	28.2	68
	Satkhira	006 78	5 18 02	97 03 6	984 84	4 4 7 6 0	1 0 × 90	006 77	8 13 02	97 03 6	017 86	6 9 7 6 0	9 0 × 80	+ 2	+ 2	13.0	- 8.9	21.5	65
	Jessore	021 77	7 13 06	96 03 6	996 87	5 8 6 0 1	2 0 × 93	021 80	6 13 05	96 02 2	016 88	6 8 6 0 0	- - - ××	—		14.9	- 5.3	22.1	65
	Faridpur	000 77	5 06 05	96 01 1	000 87	2 5 6 1 0	9 × 1 87	000 78	8 06 05	97 02 1	025 84	5 4 6 1 0	9 × × 80	- 1	+ 1	25.0	+ 2.8	32.3	71
	Barisal	000 77	4 13 08	98 01 1	998 86	3 4 6 0 8	- - - 90	038 80	3 09 03	97 03 6	018 84	5 8 5 2 7	5 × × 80	+ 3	+ 1	24.5	- 2.0	34.1	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 77	2 00 00	99 01 1	989 86	1 1 8 × -	- - - 87	000 79	8 00 00	99 02 2	008 87	6 2 8 - -	- - - 82	- 1	+ 3	27.1	+ 6.7	27.6	64
	Bogra	000 76	4 00 00	98 01 0	995 89	2 1 6 0 8	- - - 90	090 78	5 09 02	96 01 1	020 88	2 1 7 0 2	- - - 82	+ 1	+ 3	27.8	+ 6.0	34.2	69
	Dinajpur	000 77	2 00 00	97 01 1	012 90	0 0 9 0 1	9 0 0 92	000 77	0 09 02	97 00 0	038 88	0 0 9 0 0	- - - 80	+ 2	+ 1	24.9	0	20.5	72
	Rangpur	000 ××	2 00 00	98 02 1	— —	2 1 8 0 0	- - - —	000 ××	4 09 02	98 02 1	— —	4 0 9 1 0	- - - ××	—	—	45.1	—	54.7	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 89	3 00 00	95 08 4	947 05	0 0 0 4 0	1 0 6 07	000 83	0 16 05	95 05 4	964 90	0 0 9 0 0	- - - 87	+ 6	+ 5	1.4	- 1.8	5.7	12
	Lahore	000 71	1 00 00	95 05 1	935 06	2 1 7 0 0	5 - - 08	000 77	1 11 09	95 05 1	983 80	0 0 9 0 1	9 9 × 86	+ 9	+ 7	2.5	- 2.0	6.5	19
	Sialkot	000 65	2 00 09	97 02 1	927 05	2 0 8 4 0	- - - 06	000 89	2 09 04	97 02 1	003 87	0 0 9 0 1	- - - 85	+ 9	+ 4	2.2	- 6.0	7.1	32
	Jhelum	000 78	2 23 02	96 01 1	930 05	2 1 7 0 0	- - - 06	000 81	3 13 03	97 03 1	987 89	0 0 8 0 1	- - - 67		—	4.8		14.8	—
	Rawalpindi	000 53	0 00 00	99 00 0	929 04	0 0 9 0 0	- - - 06	000 73	0 00 00	99 00 0	940 89	0 0 9 0 0	- - - 79	+ 9	+ 2	3.2	- 4.3	14.0	30
	Murree †	000 51	0 34 08	97 00 0	918 78	0 0 9 0 0	- - 83	000 58	2 13 03	96 01 1	929 71	0 0 9 8 0	6 × 0 64	+ 7	+ 6	8.7	3.6	31.2	59
	Attock	××× ××	0 02 09	98 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 36 09	98 00 0	— —	0 0 9 0 0		—	—	—	—	—	—
	Khushab	000 71	0 07 05	96 00 3	950 05	0 0 9 0 0	9 × × 09	000 75	0 11 05	97 00 0	971 92	0 0 9 0 0	- - - 88	+ 7	+ 1	1.7	- 2.2	7.4	16
	Montgomery	000 70	6 00 00	96 08 2	944 05	3 2 7 7 7	9 0 0 09	000 76	8 23 08	96 08 0	965 92	0 0 9 0 7	- - - 88	+ 6	+ 5	1.5	- 1.1	5.2	10
	Leiah	000 95	2 27 02	97 00 1	932 10	0 0 9 0 3	- - - 12	000 85	0 09 00	97 00 1	961 95	0 0 9 0 0	- - - 87	—		0	—	5.7	8
	Multan	000 60	0 00 00	97 00 0	936 11	0 0 9 0 0	- - - 13	000 83	0 09 02	97 00 0	962 95	0 0 9 8 0	- - - 88	+11	+ 3	1.3	- 0.3	4.4	7
	Khanpur	000 87	0 27 02	94 04 0	934 10	9 9 0 0 0	- - - 11	000 82	0 27 06	94 04 0	958 96	0 0 9 0 0	- - - 88	+ 7	+ 5	0.2	- 1.5	1.9	6
	Bahawalpur	000 74	0 00 00	97 00 0	937 09	0 0 9 0 0	- - - 10	000 76	0 27 03	97 00 0	966 90	0 0 9 0 0	- - 84	+ 8	+ 1	0	1.7	3.1	6
	Fort Abbas	000 01	0 31 05	96 00 0	932 11	0 0 9 0 0	0 × × 18	000 67	0 19 02	96 00 0	987 91	0 0 9 0 0	0 × × 81		—	0.3	—	1.2	5
N. W. F. P.	Drosh *	000 38	1 00 00	99 01 1	883 91	1 1 7 0 0	6 × × 92	000 47	0 00 00	98 00 1	923 75	0 0 9 0 0	9 × × 68	- 5	- 5	1.0	—	21.2	24
	Chakdara	000 63	0 00 00	97 00 0	027 95	0 0 9 0 0	- - 99	000 61	0 00 00	98 00 0	934 83	0 0 9 0 0	- - - 74	—	—	2.3	—	14.7	28
	Cherat *	000 54	2 31 05	97 01 1	908 92	2 1 9 0 0	3 × × 95	000 54	0 00 09	97 00 0	904 82	0 9 9 0 0	- - - 75	+ 6	+ 4	1.5	- 2.6	22.6	14
	Peshawar	000 57	4 05 02	97 01 1	939 08	3 3 0 3 0	- - 05	000 59	0 02 02	96 00 0	966 88	0 0 9 0 0	- - - 76	+ 4	- 4	0.4	- 0.7	7.7	20
	Parachinar	012 42	2 23 02	99 01 1	913 84	0 0 9 8 6	5 × 7 86	012 46	0 00 00	99 00 1	914 70	0 0 9 0 0	8 × × 63	0	- 3	4.2	—	22.9	18
	Miranshah	000 52	5 07 06	97 02 1	889 96	6 × 7 0 0	- - 03	000 55	2 00 00	93 02 1	892 87	8 0 8 0 0	- - - 79	—	—	0.7	1.3	7.6	11
	Bannu	000 59	0 10 07	95 05 4	947 99	0 5 9 0 0	- - - 06	000 68	0 00 00	96 05 4	962 87	0 0 9 0 0	- - - 80	—	—	0.7	—	5.6	9
	D. I. Khan	000 78	0 34 04	94 09 0	946 09	0 0 9 0 0	- - - 09	000 77	0 05 02	94 06 0	962 89	0 0 9 0 0	- - - 78	+ 6	- 5	0.6	- 1.5	2.8	11
	Wana																		
	Landikotal	000 55	5 13 03	98 02 1	876 95	5 4 6 0 0	- - - 98	000 57	0 00 00	99 00 0	889 90	0 0 9 0 0	- - - 79	—	—	0.5	—	10.1	—
	Hangu	××× ××	0 00 00	97 00 3	— —	0 0 9 0 0	2 × × —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thull	××× ××	3 18 09	99 01 1	— —	1 8 7 2 0	- - - —	××× ××	0 09 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 43	2 00 00	97 03 1	856 94	2 5 6 0 0	4 × × 99	000 52	0 00 00	96 05 3	897 80	0 0 9 0 0	5 × × 75	+ 2	+ 1	0	- 2.0	5.9	15
	Hindubagh	000 15	2 27 10	98 02 1	948 93	2 2 6 0 0	7 × × 95	000 34	1 23 09	97 03 1	833 78	0 0 9 0 1	3 0 - 64	—	—	0	—	8.3	—
	Loralai	000 69	6 00 00	97 02 1	893 95	0 0 9 7 0	- 07	000 60	0 31 05	95 00 1	887 82	0 0 9 0 0	- - - 71	—	—	0.1		4.5	14
	Harnai (a)	000 ××	3 09 05	96 01 1	— —	3 0 8 0 5	4 6 × —	000 ××	5 27 02	95 02 1	— —	0 0 8 2 5	- - - —	-	-	0.7	- 1.7	9.3	5
	Sibi	008 55	0 15 05	98 00 0	926 15	0 0 9 0 0	- - - 16	000 68	0 00 00	98 00 0	962 97	0 0 9 0 0	- - - 80	—	—	0	—	1.6	9
	Quetta †	000 37	2 34 03	99 00 0	917 91	0 0 9 3 0	- - - 93	000 47	0 00 00	98 00 0	904 77	0 0 9 0 0	- - - 58	—	—	0	0.4	8.5	8
	Chaman	000 91	0 27 08	97 00 0	881 98	0 0 9 0 0	- - - 08	000 80	0 18 02	97 00 0	904 87	0 0 9 0 0	- - - 74	- 3	- 1	0	- 0.1	9.6	—
	Nushki	000 48	0 27 10	98 00 0	930 08	0 0 9 0 0	- - - 07	000 49	0 09 08	97 00 0	943 87	0 0 9 0 0	- - - 83	—	—	0	—	5.4	4
	Dalbandin *	000 46	2 05 03	95 05 1	883 05	2 1 7 0 0	4 × × 07	000 40	3 00 00	96 08 1	903 83	2 1 7 0 0	- - - 78	- 2	+ 2	0	0	1.8	9
	Nokkundi	000 34	6 02 09	99 08 1	927 06	0 0 9 7 6	9 0 0 10	000 29	2 06 02	98 03 1	966 90	0 0 9 0 6	9 0 × 83	—	—	0	—	0.9	7
	Kalat †	000 65	0 32 05	98 00 0	929 86	0 0 9 9 0	- - - 90	000 55	0 15 02	98 00 0	939 72	0 0 9 0 0	- - - 59	- 1	- 8	0	- 0.6	9.0	—
	Turbat	000 83	2 27 05	97 03 0	925 12	2 0 8 2 0	5 0 × 15	000 76	0 00 00	96 00 0	008 92	0 0 9 0 0	- - - 87	—	—	0	—	1.4	5
	Panjgur *	000 24	4 31 03	97 03 0	892 02	0 0 9 × ×	- - - 04	000 59	0 05 03	97 00 1	901 83	0 0 9 0 0	- - - 74	—	- 2	0	—	2.2	9
	Las Bela	000 69	0 16 04	99 00 0	953 14	0 0 9 0 0	- - - 17							—					6
	Ormara	000 78	1 26 12	96 08 0	964 95	1 2 6 0 8	- - - 99	000 81	5 25 09	97 08 1	972 86	5 0 9 2 0	- - - 84	—	—	0	- 0.5	2.2	6
	Pasni	000 76	0 28 10	98 00 0	995 98	0 0 9 0 0	- - - 01	050 79	6 23 03	96 02 1	978 83	6 0 9 2 9	- - - 78	+11	0	0	- 0.6	4.2	4
	Jiwani																		
SIND	Rati	000 98	0 27 05	96 00 0	946 12	0 0 9 0 0	- - - 12	000 90	0 36 03	96 00 0	959 99	0 0 9 0 0	- - - 98	—	—	0	—	0.6	4
	Jacobabad	000 83	0 16 05	97 06 1	035 11	0 0 9 0 0	- - - 13	000 72	0 00 00	96 06 0	957 94	0 0 9 0 0	- - - 90	+ 5	+ 6	0	0.9	0.5	4
	Sukkur	000 73	0 29 02	96 00 0	038 11	0 0 9 0 0	- - - 12	000 77	1 00 00	96 03 1	954 91	0 0 9 0 0	4 2 × 87	—	—	0	—	0.5	—
	Pad Idan	000 62	3 16 05	97 02 1	042 10	3 2 7 0 0	- - - 11	000 72	2 13 05	95 01 1	957 94	0 0 9 3 0	- - - 89	—	—	0	—	0.1	
	Karachi (*Manora*)	000 81	5 25 09	97 03 2	955 89	0 0 9 7 0	- - - 00	000 79	7 00 00	94 10 2	970 86	0 0 9 7 0	- - - 82	+ 2	+ 1	0	- 2.6	0	8
	Karachi (*A. P.*)	000 73	6 25 09	96 08 1	953 01	1 2 6 0 6	- - 07	000 79	3 27 03	96 01 1	972 93	0 0 9 3 1	- - - 84	—	—	0	—	0.1	9
	Badin	000 72	6 23 02	97 03 2	951 00	0 0 9 4 0	9 0 6 10	000 76	2 23 03	97 02 1	966 89	0 0 9 6 0	3 0 5 86	+17	+ 4	0	- 5.2	0	
	Nagarparkar																		
	Chhor (*Umarkot*)	000 77	8 29 07	97 02 1	— —	0 0 9 5 2	- - - 04	005 78	5 00 00	97 02 1	963 95	0 0 9 0 5	- - - 88	—	—	0	—	2	7
	Hyderabad	000 71	7 12 02	97 01 1	968 07	0 0 9 7 0	- - - 09	000 70	0 23 03	97 00 0	963 95	0 0 9 0 0	- - - 89	+11	+ 8	0	- 3.4	0.3	10
JUNAGADH	Veraval																		
AFGHANISTAN	Kabul	000 89	7 29 05	98 02 2	776 87	1 7 8 2 1	4 0 0 88							—					12
	Jalalabad	000 81	4 00 00	97 03 1	981 86	0 0 9 4 3	3 × 9 05	000 87	0 00 00	97 00 1	986 78	0 0 9 0 0	9 × × 73	—	—	0.5	—		—
	Kandahar	000 57	0 23 05	98 00 0	859 98	0 0 9 0 0	- - - 00							—				0.9	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY THE 22ND JULY, 1951.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhO_MC_H$	$W_1D_HD_MT_nV_n$	Departure from Normal T_x	T_n	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
13	1	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 81	0 11 09	96 00 0	974 85	0 0 9 0 0	- - - 88	000 81	4 11 02	96 02 1	998 85	4 0 9 0 2	- - - 89	- 5	- 6	0	0.1	9.8	4
	Sharjah	000 xx	0 29 05	97 00 0	978 08	0 0 9 0 0	- - - 05	000 xx	0 31 09	97 00 0	002 84	0 0 9 0 0	- - - xx	—	—	0	—	1.8	4
	Kuwait																		5

* Barometer readings reduced to 1 geodynamic Kilometre 3,280-3,356 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 (10,049-10,069 feet according to latitude).
RRR at 0300 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 Control, 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_aL_a	L_oL_oGG	N dd ff	VV ww W	PPP TT	N_hC_Lh C_MC_H	D_s v_s spp	8 N_s C h_sh_s	O $T_xT_nT_dT_d$	1 $d_wd_wP_wH_w$	SHIP	YQ L_aL_a	L_oL_oGG	N dd ff	VV ww W	PPP TT	N_hC_Lh C_MC_H	D_s v_s spp	8 N_s C h_sh_s	O $T_xT_nT_dT_d$	1 $d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Sibajak	78 069	606 00	4 27 13	96 18 2	092 82	47 4 28	6 5 110		0 52 74	1 26 84											
Corfu	78 177	674 06	4 25 28	80 05 2	016 86	57 4 90	6 6 105		0 50 77	1 75 50											
Shwedagon	73 246	834 06	4 17 05	98 02 0	010 82	x0 x 40	—														
Geram	78 109	759 06	5 26 09	98 02 8	093 79	88 6 —	7 4 109		0 51 74	1 27 33											
Brockley	73 151	619 06	5 23 24	98 02 2	050 81	87 x xx	2 4 209		0 01 75	1 23 20											
Subedar	78 244	664 06	7 23 07	97 02 1	001 86	28 4 49	1 4 610		0 03 82	—											
Alavi	78 188	653 12	8 25 24	97 10 6	063 85	87 5 00	6 3 000		0 02 78	1 25 84											
Shwedagon	73 248	643 12	0 14 05	98 02 0	988 87	x0 x 90	—														
Geram	78 112	754 12	8 27 13	97 25 8	053 82	89 5 —	7 4 614		0 01 74	1 28 35											
Brockleymoor	75 165	631 12	8 23 24	98 02 2	049 81	87 x xx	2 4 802		0 01 75	1 23 26											
Corfu	78 171	646 18	8 25 30	80 02 2	010 81	66 4 81	6 6 481		0 54 75	1 75 x0											

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

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX₁X₂	P₁P₁h₁h₁h₁	T₁T₁TdT₁Td₁T₁₁ etc.	5555	h₂h₂P₂P₂P₂	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	...																								

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	13 08	15 09	15 11	14 17	12 13	13 10	14 08	—	—		14 11	24 13	14 16	12 16	13 11	—	12 09	13 12	13 15	14 18	13 13	15 08	12 07	08 33
Chhor	24 03	18 08	12 05	11 12	08 26	07 15	06 23	—	—		—	—	—	—	—	—	26 06	20 12	25 12	22 06	10 12	09 28	07 18	05 27
Chittagong	21 06	15 07	14 10	15 22	15 21	—	—	—	—		00 09	15 15	19 28	—	—	—	08 12	05 18	09 12	12 11	12 19	—	—	—
Cox's Bazar	17 19	14 11	15 16	14 23	14 27	—	—	—	—		14 16	15 15	16 14	13 18	13 16	15 17	09 07	11 06	10 10	12 20	18 18	15 19	18 28	—
Dacca	13 05	15 06	15 21	—	—	—	—	—	—		15 10	16 14	15 15	16 28	16 16	—	12 10	12 11	10 08	13 09	—	—	—	—
Dalbandin	—	—	11 02	10 05	09 08	28 04	—	—	—		—	—	02 14	01 17	01 21	—	—	—	04 04	05 07	03 10	24 07	28 12	29 21
Drosh	—	—	—	—	01 03	23 05	06 03	29 06	29 12	—	—	—	—	12 02	12 01	19 08	—	—	—	—	06 07	01 26	01 10	25 19
Fort Sandeman	—	—	—	17 03	02 03	32 04	30 10	32 19	24 35	—	—	—	—	28 02	34 08	32 10	—	—	—	30 02	32 10	28 15	31 06	27 19
Hazabahar	22 08	16 02	24 03	24 03	—	—	—	—	—		21 17	21 12	23 11	20 06	10 09	08 11	20 15	20 09	15 08	20 04	23 04	24 07	07 07	25 12
Jhelum	11 03	11 04	01 07	05 05	35 07	33 16	31 19	27 19	23 31	21 43	11 10	08 05	33 08	28 19	28 07	26 11	10 13	13 20	14 19	12 07	30 04	29 07	33 16	—
Siwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	19 16	16 10	11 09	08 10	06 16	07 21	05 20	—	—	—	38 13	27 11	18 09	18 08	09 10	07 28	26 09	28 06	26 04	26 04	04 26	02 12	—	—
Khanpur	24 07	27 05	27 05	27 03	34 08	36 13	05 02	20 05	20 19	—	30 16	29 04	33 04	27 11	16 08	05 18	26 19	27 15	29 18	27 07	35 05	36 04	—	—
Lahore	22 02	10 03	07 02	09 02	07 02	—	—	—	—	—	22 11	22 17	24 17	18 10	30 07	21 08	—	—	—	—	—	—	—	—
Multan	09 03	15 04	14 09	12 12	11 13	—	—	—	—	—	13 05	27 03	27 09	22 07	21 07	—	11 09	15 10	11 04	19 03	32 06	30 06	30 10	25 19
Peshawar	—	—	—	—	—	—	—	—	—	—	—	25 06	30 06	30 04	13 02	32 04	—	35 08	01 13	08 04	01 02	33 05	33 07	28 09
Quetta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31 11	30 10	—	—	—	—	16 03	37 07	37 19	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shaniat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v_r)

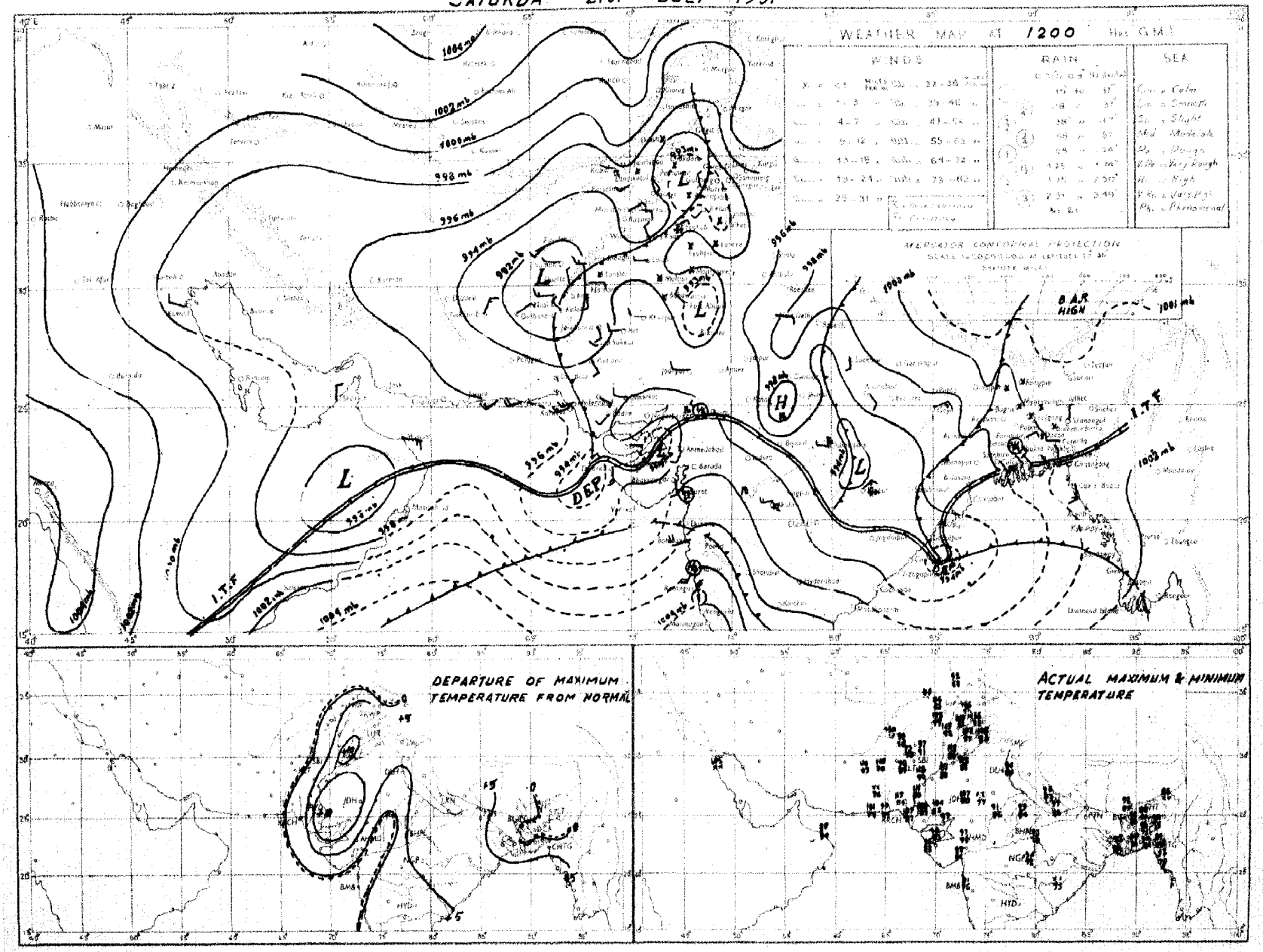
Chhor 76888 61704

* 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

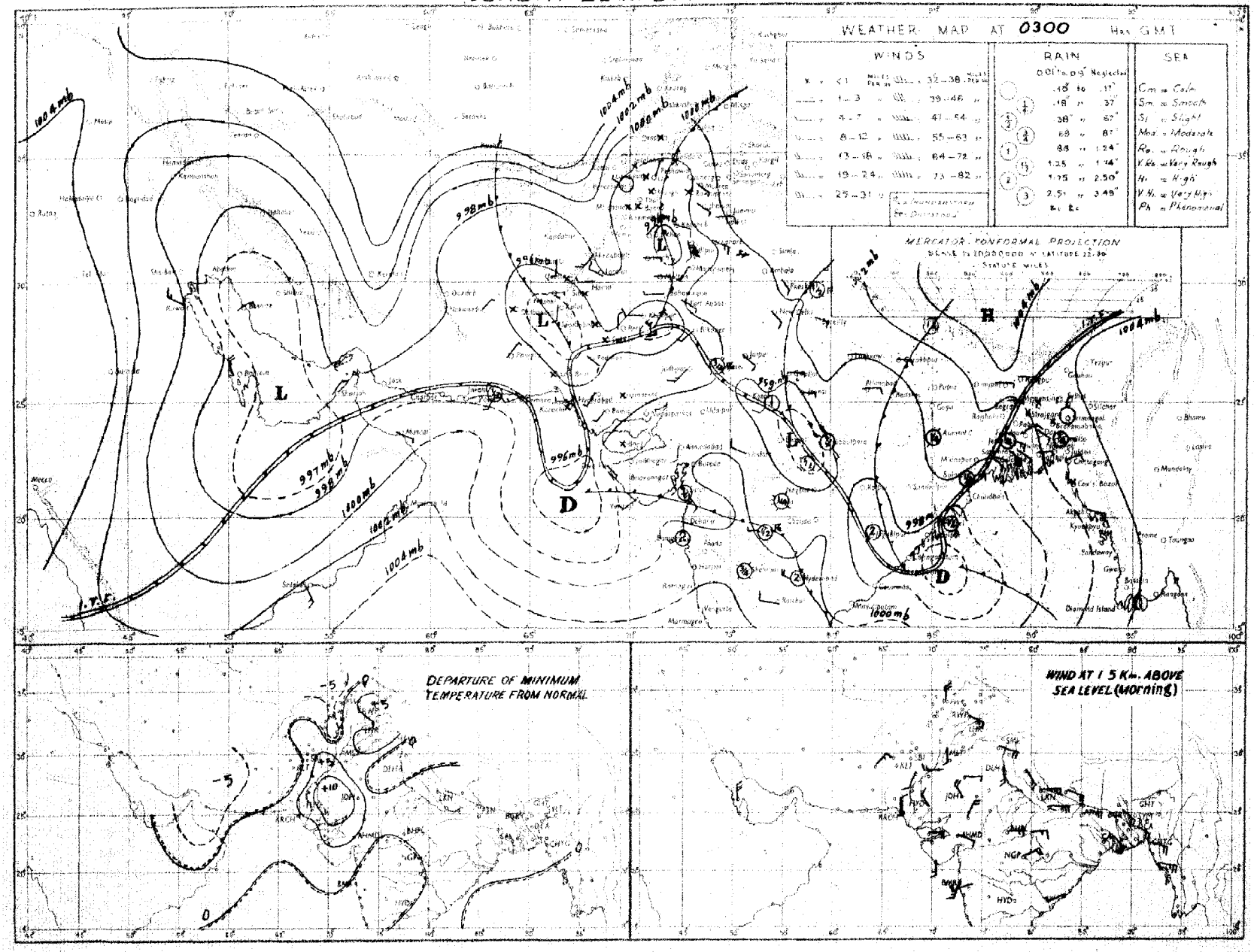
SATURDA 21st JULY 1951



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 22nd: JULY 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-1467

FOR MONDAY, THE 23RD JULY, 1951

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

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

The shallow depression off Kathiawar coast has weakened into a trough which lies off Konkan-Kathiawar coast.

The Bay depression has probably weakened and lies as a low in west central Bay. Conditions are becoming unsettled in east central Bay.

Fairly widespread thunderstorms/showers have occurred in the north Punjab. Scattered rain has been reported from Sind and Eastern Sub-divisions of East Pakistan. Scattered dustraising winds/duststorms have occurred in the south Punjab and the lower North-West Frontier Province.

Chief amounts of rainfall are :—Sialkot, Rawalpindi and Murree ⅞" each and Jhelum, Badin and Umarkot ½" each.

Day temperatures were considerably above normal in Sind and the south Punjab and appreciably to markedly above normal in East Pakistan, the north Punjab and the lower North-West Frontier Province.

Forecast valid until the evening of 24th :—Thunderstorms/showers will be local in the extreme north Punjab, the upper North-West Frontier Province, Kashmir and Sind and scattered in East Pakistan. Scattered dust/thunderstorms will occur in plains of the Punjab and north Baluchistan.

Karachi-11.
The 23rd July, 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	$N_hC_Lh C_MC_H$	$W_tD_LD_MT_xT_x$
1	2	3	4	5	6	7	8
EAST PAKISTAN	Cox's Bazar	000 77	7 00 00	92 95 2	991 85	2 9 5 2 1	1 6 0 92
	Chittagong	000 78	7 29 05	97 03 1	974 85	5 8 5 7 1	0 9 9 93
	Comilla	000 78	6 36 05	98 01 1	995 91	4 4 7 0 2	- 91
	Brahmanbaria	000 78	2 00 00	97 02 1	982 87	0 0 9 0 4	0 0 × 90
	Dacca	xxx 84	3 23 02	99 02 1	975 90	1 2 6 2 0	9 × × 91
	Narayanganj	000 75	2 27 02	96 01 1	974 89	2 0 8 0 9	9 0 × 93
	Mymensingh	000 77	0 00 00	99 00 2	993 87	0 0 9 0 0	- 90
	Srimangal	000 81	5 27 02	97 02 1	000 85	2 2 7 0 1	0 7 × 91
	Khulna	000 79	3 09 02	97 00 0	980 87	3 0 7 0 2	- - 99
	Satkhira	000 79	5 23 02	97 02 1	980 85	4 4 7 6 6	8 × × 90
	Jessore	000 79	4 20 02	96 02 1	989 89	4 2 6 0 0	- - - 89
	Faridpur	000 79	4 00 00	96 00 1	988 87	2 4 6 1 0	9 < 7 87
	Barisal	000 77	7 13 02	98 01 1	976 90	3 4 6 0 6	- - - 92
	Pabna						
	Rampur Boalia						
	Sirajganj	000 79	8 00 00	99 02 2	977 86	6 2 8 - -	- - - 89
	Bogra	000 80	6 00 00	98 01 0	980 87	2 1 6 2 0	- - - 90
	Dinajpur	000 77	0 00 00	97 00 0	936 91	0 0 9 0 0	- - - 92
	Rangpur	000 xx	3 09 02	98 02 1	— —	3 1 3 0 0	- - - —
KASHMIR	Srinagar †						
	Gulmarg ††						
	Sonamarg (a)						
	Dras †						
	Leh ††						
	Skardu †						
	Gilgit *						
	Misgar						
	Aliabad						
PUNJAB	Lyallpur	000 80	4 00 00	96 01 0	920 05	0 0 9 4 0	0 0 6 06
	Lahore	000 72	2 13 05	95 05 1	930 08	2 1 7 0 0	0 0 0 04
	Sialkot	000 71	4 00 00	97 03 1	933 02	1 4 6 0 0	- - 03
	Jhelum	000 83	2 00 00	96 03 1	935 01	3 2 7 0 0	8 × × 03
	Rawalpindi	000 83	8 00 00	99 01 1	923 00	0 0 9 8 0	4 × × 03
	Murree †	000 65	3 23 05	96 01 1	909 76	3 1 4 0 0	9 × × 78
	Attock	xxx xx	0 25 05	98 00 0	—	0 0 9 0 0	- - - —
	Khushab	000 86	0 11 05	97 00 0	919 06	0 0 9 0 0	- - 06
	Montgomery	000 65	0 00 00	96 00 0	912 07	0 0 9 0 0	- - 09
	Leiah	000 96	2 27 03	97 06 1	915 12	0 0 9 0 8	- - - 12
	Multan	000 65	0 31 05	97 00 ·	914 11	0 0 9 0 0	- - - 14
	Khanpur	000 82	0 22 04	95 00 0	921 12	9 9 0 0 0	- - - 15
	Bahawalpur	000 72	0 27 02	87 00 0	908 10	0 0 9 0 0	- - - 12
	Fort Abbas	000 00	0 31 06	96 00 0	909 10	0 0 9 0 0	0 × × 14
N. W. F. P.	Drosh *	000 42	2 25 16	99 03 1	855 92	3 3 6 0 5	6 5 × 96
	Chakdara	000 57	0 31 09	99 00 0	927 93	0 0 9 0 0	- - - 99
	Cherat *	000 61	3 16 04	97 00 1	875 96	3 2 9 0 0	2 × × 98
	Peshawar	000 56	5 06 03	95 05 1	915 04	4 9 6 0 3	- - - 05
	Parachinar	000 47	4 13 04	96 02 2	912 77	2 2 6 6 0	4 × 9 88
	Miranshah	000 55	4 29 02	97 08 1	868 91	4 6 7 0 0	- - - 99
	Bannu	000 63	0 18 02	95 05 4	918 04	0 0 9 0 0	- - - 06
	D. I. Khan	000 63	0 05 02	95 00 0	928 08	0 6 9 0 0	- - - 08
	Wana						
	Landikotal	000 68	5 13 05	97 02 1	850 95	5 4 6 0 0	- - - 97
	Hangu	xxx xx	0 13 09	97 00 8	— —	0 0 9 0 0	- - - —
	Thall	xxx xx	0 30 13	98 60 6	— —	× × - -	2 9 9 —
BALUCHISTAN	Fort Sandeman	000 49	6 05 10	98 03 2	874 98	6 5 6 0 0	2 × × 02
	Hindubagh	000 30	1 25 08	98 01 1	893 91	0 0 9 0 2	7 9 × 94
	Loralai	000 63	6 18 05	97 03 1	897 92	6 7 5 0 0	- - - 07
	Harnai (a)	000 xx	6 09 02	95 02 1	— —	2 4 6 2 0	9 × 8 —
	Sibi	000 49	2 23 05	98 01 1	893 17	0 0 9 3 0	- - - 17
	Quetta †	000 34	0 05 02	99 00 0	902 91	0 0 9 0 0	- - - 92
	Chaman	000 24	0 27 05	97 00 0	868 98	0 0 9 0 0	- - - 99
	Nushki	000 57	0 31 07	96 03 1	893 05	9 0 9 0 5	6 9 0 06
	Dalbandin *	000 45	6 31 10	96 03 1	870 03	6 1 7 0 0	- - - 06
	Nokkundi	000 44	2 34 09	99 03 1	994 97	0 0 9 0 0	9 0 × 10
	Kalat †	000 68	0 32 05	98 00 0	908 87	0 0 9 0 0	- - - 90
	Turbat	000 83	0 23 07	96 07 0	917 15	0 0 9 0 0	- - - 18
	Panjgur *						
	Las Bela	000 68	0 16 08	99 00 0	902 16	0 0 9 0 0	- - - 18
	Ormara	000 80	1 26 18	96 03 0	923 91	0 0 9 0 0	- - - 91
	Pasni	000 75	0 22 00	96 00 0	935 91	0 0 9 0 0	- - - 93
	Jiwani						
SIND	Bati	000 88	0 36 05	96 00 0	918 15	0 0 9 0 0	- - - 17
	Jacobabad	000 56	0 18 09	96 00 0	902 14	0 0 9 0 0	- - - 16
	Sukkur	000 89	1 29 02	96 02 1	902 14	0 0 9 0 3	- - - 17
	Pad Idan	000 50	3 27 05	98 08 1	906 16	3 2 7 0 0	- - - 17
	Karachi (Manora)	000 81	0 25 09	95 05 0	929 88	0 0 9 0 0	- - - 00
	Karachi (A. P.)	000 71	9 23 16	96 00 0	928 00	0 0 9 0 0	- - - 08
	Badin	000 83	3 36 08	97 02 1	912 13	0 0 9 8 0	6 0 8 14
	Nagarparkar						
	Chhor (Umarkot)	000 75	3 29 05	97 03 1	905 89	0 0 9 3 0	- - - 18
	Hyderabad	000 65	0 15 01	97 00 0	915 11	0 0 9 0 0	- - - 14
JUNAGADH	Veraval						
AFGHANISTAN	Kabul	000 38	1 03 02	98 01 0	981 83	1 7 8 0 0	- - - 01
	Jalalabad	000 81	1 30 02	97 01 0	972 02	0 0 8 7 0	4 × × 08
	Kandahar	000 51	0 09 00	92 00 0	921 96	0 0 9 0 0	- - - 01

Station	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
2	9	10	11	12	13	14	15	16	17	18	19	20
Cox's Bazar	000 81	3 00 00	97 01 0	010 88	3 2 × 0 0	- - - 80	+ 7	+ 4	45.1	11.1	64 8	149
Chittagong	000 81	6 02 08	97 03 1	010 85	6 8 5 0 0	- - - 81	+ 7	+ 4	43.5	+ 5.9	78.2	108
Comilla	000 80	5 36 09	98 01 1	012 88	1 1 7 0 3	- × - 76	+ 5	- 1	44 5	+16 2	50.1	128
Brahmanbaria	000 82	8 36 05	97 03 1	013 90	8 4 5 5 0	- - × 82	—	—	29 6	+ 1 5	38.5	94
Dacca	xxx 81	8 02 02	98 02 2	014 87	2 8 4 1 4	2 × × 79	—		—	—		78
Narayanganj	000 80	5 34 03	96 01 1	014 91	5 0 7 7 0	2 - × 83	+ 5	+ 4	33.5	+11 5	52.7	74
Mymensingh	000 79	0 00 00	99 00 1	025 86	0 0 9 0 0	- - 81	+ 2	+ 3	27 6	1.9	35.7	91
Srimangal	010 78	3 36 03	97 05 6	017 88	0 0 9 3 1	8 5 6 76	0	0	31.0	+ 1.8	59 9	98
Khulna	000 80	4 07 03	90 01 1	011 88	4 0 3 2 0	- - × 81	+ 2	+ 3	19 7	3.6	28 2	68
Satkhira	000 80	6 00 00	97 02 0	003 87	5 4 7 6 9	9 - × 80	+ 2	+ 2	18.0	9 4	21 5	65
Jessore	000 81	7 05 02	96 02 2	008 88	0 0 9 5 0	- - × xx	—		14 9	5 8	22 1	65
Faridpur	009 79	6 08 05	97 01 1	015 87	2 4 7 1 0	9 × 81	- 1	+ 2	25 0	+ 3 4	32 8	71
Barisal	008 80	6 02 03	97 02 1	018 88	1 1 6 0 8	- × - 82	+ 5	+ 3	24 5	2 5	34 7	91
Pabna												60
Rampur Boalia												56
Sirajganj	000 82	0 00 00	99 03 1	017 88	2 1 8 - -	- - 80	+ 1	+ 1	27.1	+ 6 1	37.6	64
Bogra	000 81	5 36 03	96 01 1	020 87	3 1 7 0 8	- × - 81	+ 1	+ 2	27.8	+ 5 6	34 2	69
Dinajpur	000 85	4 00 00	97 02 0	036 90	0 0 9 4 0	1 - × 82	+ 3	+ 3	24 9	0 5	29 8	72
Rangpur	000 xx	8 09 02	98 02 1	— —	3 1 8 0 0	- - - xx		—	45.1	—	54 7	84
Srinagar †												...
Gulmarg ††												—
Sonamarg (a)												—
Dras †												—
Leh ††												—
Skardu †												—
Gilgit *												—
Misgar												—
Aliabad												—
Lyallpur	000 83	2 20 05	95 05 4	988 87	0 0 9 0 2	- - - 85	+ 5	+ 3	1.4	- 1 9	5 7	12
Lahore	000 70	8 02 26	93 31 3	030 78	8 8 5 -	1 × × 78	+ 3	- 1	2 5	- 3 1	6 5	19
Sialkot	068 72	8 00 00	97 02 9	032 73	8 5 6 - -	- - - 71	+ 4	- 3	2.9	5.6	7 8	32
Jhelum	019 74	8 31 02	96 58 9	031 82	4 7 6 2 -	- - - 75		—	5 9	—	14.4	—
Rawalpindi	060 69	8 00 00	98 29 9	039 71	8 9 5 0 0	9 - - 71	+ 6					30
Murree †	079 50	8 23 03	96 61 9	938 40	8 9 3 - -	9 × × 58	+ 5	0	9.5	3 3	83.1	60
Attock	xxx xx		96 63 9				—	—			—	—
Khushab	000 87	6 07 05	98 03 1	998 80	6 0 6 2 0	- - - 81	+ 4	1	1.7	2 1	7.4	15
Montgomery	000 75	0 18 02	97 00 0	925 91	0 0 9 0 0	- - - 87	+ 6	+ 4	1.6	1.1	5.2	10
Leiah	000 85	0 81 06	95 07 0	973 92	0 0 9 0 0	- - - 90	—	—	0	—	5.7	8
Multan	000 71	0 13 02	96 00 0	974 97	0 0 9 0 0	- - - 92	+12	+ 9	1 3	- 0 4	4.4	7
Khanpur							+11					6
Bahawalpur	000 73	0 15 03	97 00 0	960 95	0 0 9 0 0	- - 80	+10	+ 6	0	1.7	3 1	6
Fort Abbas	000 69	0 13 08	96 00 0	993 95	0 0 9 0 0	0 × × 81	—	—	0 3	—	1.2	6
Drosh *	000 51	0 00 00	98 00 1	916 77	0 0 9 0 0	- - - 71	- 1	—	1.0	—	21 2	18
Chakdara	000 59	0 27 05	98 00 0	996 81	0 0 9 0 0	- - - 72	—	—	2.8	—	14.7	—
Cherat *	000 60	0 18 16	97 03 1	924 70	0 9 9 0 5	- - - 72	+ 7	+ 1	1.5	- 3.7	23 6	39
Peshawar							+ 4					14
Parachinar	000 52	0 09 02	99 00 1	930 78	0 0 9 0 0	- - - 65	+ 2	1	4.2	—	22.0	39
Miranshah	000 52	0 00 00	97 40 0	914 95	0 0 0 0 0	- - - 79	—	—	0.7	1.3	7.6	13
Bannu	000 70	0 00 00	98 00 0	970 88	0 0 9 0 0	- - - 81	—	—	0.7	—	5.6	11
D. I. Khan	000 70	0 05 05	94 07 0	979 86	0 0 9 0 0	- - - 79	+ 5	4	0.6	- 1 5	2 2	9
Wana												11
Landikotal	000 61	0 05 02	98 00 0	900 88	0 0 9 0 0	- - - 72	—	—	0.5	—	10 1	—
Hangu	xxx xx	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
Thall	xxx xx	0 09 09	98 00 1	— —	9 0 9 0 0	- - - —	—	—	—	—	—	—
Fort Sandeman	000 51	2 00 00	96 05 1	905 88	0 0 9 0 2	2 × × 76	+ 5	- 3	0	- 2.1	5.9	[illegible]
Hindubagh	000 43	2 00 00	98 03 1	920 80	0 0 9 3 1	3 0 0 59	—	—	0	—	8.3	—
Loralai	000 61	4 00 00	96 03 1	892 79	0 0 9 0 3	- - - 67	—	—	0.1	—	6.5	—
Harnai (a)	000 xx	3 23 02	96 01 2		3 0 8 0 5	- - - —	—		0.7	- 1.6	9.3	14
Sibi	000 62	0 18 05	98 00 0	942 00	0 0 9 0 0	- - - 94	—	—	0	—	1.6	5
Quetta †	000 45	2 00 00	98 05 2	908 79	0 0 9 3 0	- - - 61	—	—	0	0 5	8.5	9
Chaman	000 36	6 20 02	97 03 1	386 83	0 0 9 0 7	1 9 × 73	- 2	2	0	- 0.1	9.6	9
Nushki	000 68	8 09 10	97 03 1	933 91	0 0 8 8 0	9 0 9 81		—	0	—	5 4	—
Dalbandin *	000 41	2 00 00	96 03 1	883 82	0 0 9 3 0	- - - xx	- 3	—	0	- 0.1	1.8	4
Nokkundi	000 73	0 34 09	99 00 0	943 93	0 0 9 0 0	- - - 32	—	—	0		0.9	3
Kalat †	000 48	0 18 05	98 00 0	925 70	0 0 9 0 0	- - - 62	1	0	0	- 0.7	9.0	7
Turbat	000 79	3 00 00	96 00 0	958 94	2 0 9 0 1	9 × 0 80	—	—	0		1.4	—
Panjgur *	000 59	1 13 02	97 08 1	864 88	0 0 9 0 1	9 4 × 77		+ 1	0	—	3.2	5
Las Bela	000 81	0 00 00	99 00 0	978 85	0 0 9 0 0	- - - 88	—	—	0		0.1	8
Ormara	000 82	6 11 05	96 08 0	968 86	6 0 9 2 0	- - × 84	—	—	0	- 0.6	2.7	6
Pasni	000 82	7 00 00	94 02 1	955 88	7 0 9 2 0	- - - 80	+ 1	+ 2	0.5	- 0.1	4.7	8
Jiwani												4
Bati	000 82	0 27 06	96 00 0	958 94	0 0 9 0 0	- - - 94	—	—	0	—	0.6	—
Jacobabad	000 73	4 11 00	95 06 1	944 93	0 0 9 0 1	- - - 89	+ 9	+ 5	0	0.9	0.5	4
Sukkur	000 64	8 20 02	95 03 1	944 90	6 0 9 9 0	- - - 87	—	—	0	—	0.5	4
Pad Idan	000 71	6 18 05	98 08 1	941 92	6 5 7 0 0	- - - 88	—	—	0	—	0.1	—
Karachi (Manora)	000 78	6 25 05	95 05 2	964 84	0 0 9 7 0	- - - 88	+ 2	+ 3	0	- 2 9	0	4
Karachi (A. P.)	000 62	6 23 12	96 02 2	965 87	0 0 9 6 -	- - - 88	—	—	0		0.1	
Badin	028 77	7 36 08	97 03 1	958 84	0 0 9 8 0	6 0 8 75	+21	- 3	0.3	- 3.4	0.3	6
Nagarparkar												
Chhor (Umarkot)	035 79	3 11 08	97 03 1	958 85	0 0 0 0 3	- - - 78	—	—	0	—	0	—
Hyderabad	000 72	3 23 05	96 02 1	945 91	0 0 9 2 0	- - - 88	+18	+ 2	0	- 1.5	0.2	1
Veraval												30
Kabul							—					2
Jalalabad	000 67	0 00 00	96 00 1	987 78	0 0 0 0 0	- - - 76	—	—	0 5	—		—
Kandahar							—				6.0	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY THE 23RD JULY, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d N dd VVwwW PPPTT $N_hC_thC_mC_H$ $W_1D_HD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d N dd ff VVwwW PPPTT $N_hC_thO_MO_H$ $W_1D_HD_MT_nT_n$	Departure from Normal T_xT_x T_nT_n	Rainfall Since 1st June '51 to date	Rainfall Depar-ture from normal	Rainfall Since 1st Jan. '51 to date	Annual Normal
13	2	3 4 5 6 7 8	9 10 11 12 13 14	15 16	17	18	19	20
Iran	Charbar	- - - - - -	- - - - - -	- - - -	-	-	-	4
	Jask	... ...	... ...	... ...	...	...	...	5
	Mashez	... ...	... ...	... ...	...	...	...	10
	Bushire	... ...	... ...	... ...	...	...	...	11
Arabia	Muscat	000 83 0 05 02 99 00 1 949 87 0 0 9 9 0 0 - - - 90	996 78 0 00 00 99 00 0 951 84 0 0 9 9 0 0 - - - 83	- 5 - 4	0	2.3	2.3	4
	Sharjah							4
	Kuwait	000 xx 0 21 09 97 00 0 980 01 0 0 9 9 0 0 - - - 01	000 xx 0 21 18 97 00 0 992 92 0 0 9 9 0 0 - - - 94	— —	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 Control, 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_a	L_oL_oGG	N dd ff	VV ww W	PPP TT	$N_hC_thC_MC_H$	D_sv_sspp	8 $N_sC_thh_sh_s$	0 $T_sT_sT_dT_d$	1 $d_sd_sP_wH_w$	SHIP	YQ L_aL_a	L_oL_oGG	N dd ff	VV ww W	PPP TT	$N_hC_thC_MC_H$	D_sv_sspp	8 $N_sC_thh_sh_s$	0 $T_sT_sT_dT_d$	1 $d_sd_sP_wH_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Bouckleymoor	13 168	662 00	6 28 24	98 02 2	015 78	87 × ××	2 4 201		0 55 75	1 23 25											
Corfu	13 168	631 00	8 25 30	80 02 2	002 80	66 4 3×	6 6 604		0 55 74	1 75 40											
Mahadvi	13 151	636 00	8 23 27	97 02 3	076 80	80 7 6×	2 4 810		— — —	— —											
Corfu	13 164	617 00	8 25 30	80 03 2	011 80	87 4 ××	6 6 800		0 53 74	1 75 40											
Ceram	13 141	739 00	8 27 30	97 24 8	032 81	84 6 —	7 4 200		0 00 74	1 25 36											
Karanja	13 108	617 00	8 28 10	97 05 2	000 81	84 6 ××	1 6 203		0 00 78	1 24 28											
Ceram	13 151	736 12	9 26 12	97 25 2	001 77	87 4 —	7 4 820		0 52 78	1 28 36											
Alavi	13 178	631 12	8 26 28	96 14 2	993 84	87 5 ××	6 2 810		0 04 74	1 26 34											
Corfu	13 161	608 12	8 24 30	8× ×× ×	999 ××	87 4 ××	6 6 620		0 55 78	1 75 40											
Dwarka	13 2b1	606 18	9 25 09	97 01 1	948 86	00 0 40	6 5 108		0 01 83												

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_0P_0P_0T_0T_0$	$T_dO_dT_0X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_d_1T_d_1T_{X1}$ etc.	5555	$h_1h_1P_1P_1P_1$	$T_1T_1T_d_1T_d_1T_{X1}$ etc.
1	2	3 4	5 6	7 8	9 10 11	12 13	14 15 16 17 18	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 brs. 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	3	5	8	7	10	1	2	3	5	7	10	15	2
1	2	3	4	6	8	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	2
Bogra	13 06	13 09	12 07	12 06	10 07	06 04	10 09	—	—	—	15 02	10 05	09 06	14 07	12 08	15 09	25 11	02 11	24 06	04 05	01 04	11 10	—	—
Dhor	24 07	23 06	17 08	08 07	05 18	—	—	—	—	—	—	—	—	—	—	—	21 08	27 08	25 01	10 09	11 10	09 15	—	—
Chittagong	29 08	24 08	22 02	19 09	14 11	11 07	—	—	—	—	26 09	26 10	01 05	07 06	—	—	02 06	01 08	—	—	—	—	—	—
Cox's Bazar	26 06	27 04	25 06	—	—	—	—	—	—	—	26 06	27 04	25 06	—	—	—	03 11	02 15	02 15	04 11	07 16	10 81	09 19	—
Dacca	23 08	31 02	10 02	13 09	19 08	11 03	10 09	—	—	—	02 02	30 03	31 05	13 02	10 06	10 13	16 09	11 13	01 14	02 02	07 10	11 03	—	—
Dalbandin	—	—	10 01	24 06	26 05	27 07	—	—	—	—	—	—	22 06	23 06	24 06	25 10	—	—	23 03	27 14	22 12	17 15	—	—
Dhar	—	—	—	—	17 01	22 04	21 04	31 03	26 04	—	—	—	—	24 05	20 02	17 19	—	—	—	—	22 01	20 06	21 05	—
Fort Sandeman	—	—	30 11	31 06	25 10	30 06	12 04	—	—	—	—	—	—	25 05	19 13	19 08	—	—	—	02 09	12 04	15 06	23 09	25
Jacobabad	23 11	21 08	19 08	21 06	22 04	22 04	24 07	29 06	24 29	25 22	19 20	19 12	18 10	18 05	19 13	19 08	20 14	24 07	23 05	18 01	18 05	09 05	09 12	19
Jhelum	14 08	14 07	13 08	14 05	29 07	23 10	26 06	23 31	23 35	—	08 07	09 07	07 09	23 09	20 10	27 14	—	—	—	—	—	—	—	—
Kalat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	25 12	26 11	22 10	07 06	09 07	06 14	07 21	05 06	15 11	11 13	13 06	27 10	26 08	23 05	14 09	09 18	25 13	24 19	27 13	25 12	04 13	07 16	—	—
Khanpur	29 07	23 05	23 02	19 04	23 08	24 04	26 04	30 03	23 19	22 20	09 19	09 06	09 13	11 09	—	—	24 17	29 14	29 07	13 09	11 09	08 07	04 02	—
Lahore	14 05	14 09	14 15	17 06	25 18	22 08	23 12	—	—	—	07 12	13 12	16 15	14 13	—	—	03 10	00 18	00 16	—	—	—	—	—
Multan	30 06	22 06	20 03	18 06	18 02	18 01	—	—	—	—	13 17	13 16	13 15	15 19	—	—	14 13	17 17	18 17	—	—	—	—	—
Peshawar	—	04 02	06 01	22 04	22 10	23 11	27 07	29 13	25 09	—	—	01 06	07 04	19 18	21 11	23 17	—	—	—	—	14 09	14 19	—	—
Quetta	—	—	—	—	23 10	27 04	27 10	23 14	25 19	24 29	—	—	—	—	11 07	14 11	—	—	—	—	—	—	—	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shariat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v,)

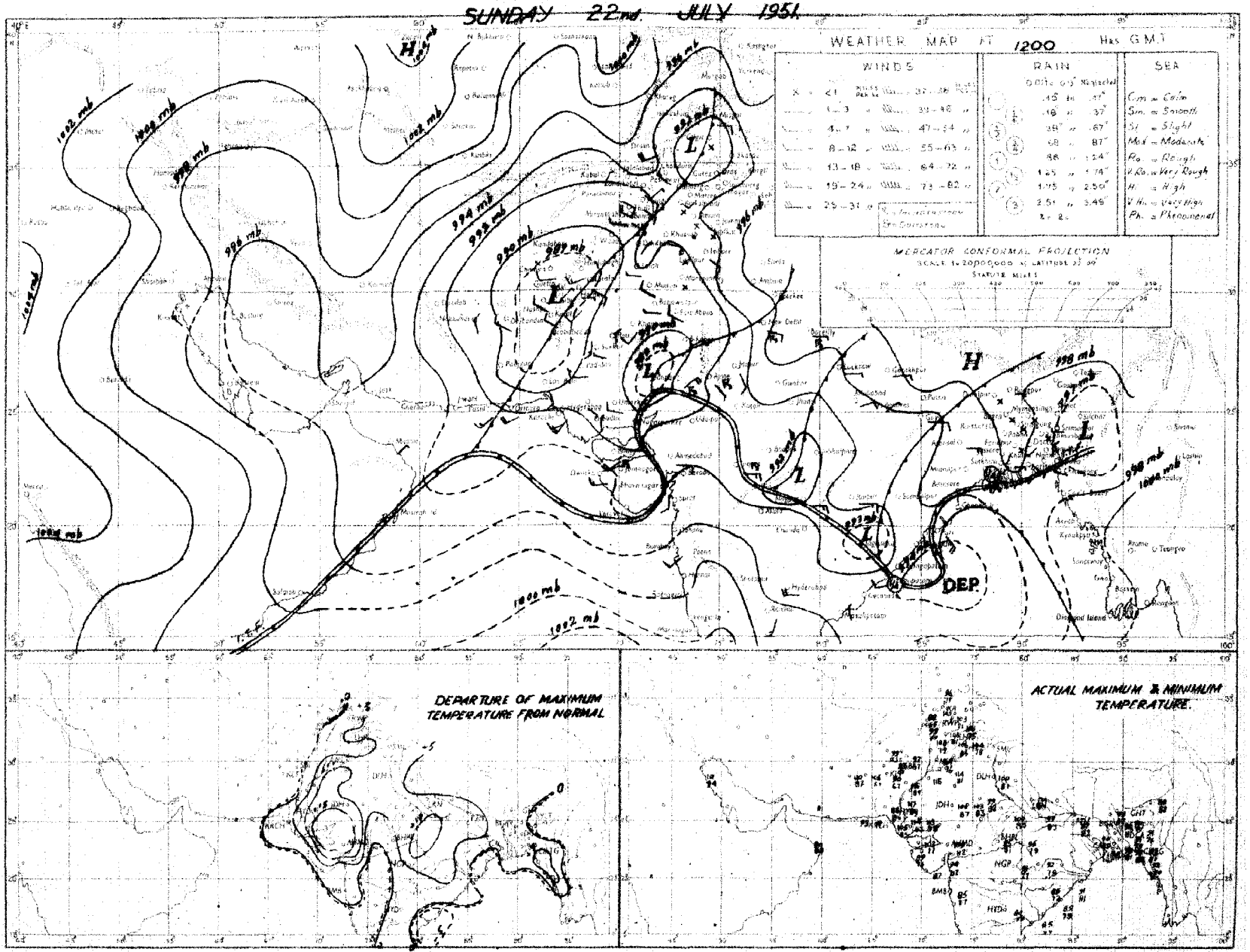
Karachi 75001 40713

a 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, 1.4, 1.6, 1.8, and 2.0 km. The levels given at the head of the columns are the nearest and highest levels in thousands of

E. & O. E.

PAKISTAN DAILY WEATHER MAP

SUNDAY 22nd JULY 1951



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

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY THE 24TH JULY, 1951.

Division	Station	At 1200 Hrs. G.M.T. of previous day. RRR T_dT_d	N dd	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_M D_M T_X T_X$	At 0300 Hrs. G.M.T. of date. RRR T_dT_d	N dd ff	VV ww W	PPPTT	$N_h C_L h O_M O_H$	$W_1 D_M P_M T_n T_n$	Departure from Normal $T_X T_X$	Departure from Normal $T_n T_n$	Rainfall Since 1st June 51 to date	Rainfall Departure from normal	Rainfall 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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mashed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Arabia	Muscat	000 83	0 11 01	99 08 0	983 21	0 9 9 0 0	--- 93	000 81	0 31 02	98 09 0	854 86	0 9 9 0 0	--- 83	0	- 3	0	- 0.1	3.5	4
	Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Kuwait	000 xx	0 21 18	93 07 4	968 99	0 0 0 0 0	--- 99	000 xx	0 29 18	96 00 4	983 93	0 0 9 0 0	--- xx	...	...	0	...	1.5	4

* 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 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 Control, 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 $L_a L_a$	$L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ sss	8 $N_s C h_s h_s$	0 $T_s T_s T_d T_d$	1 $d_w d_w P_w H_w$	SHIP	YQ $L_a L_a$	$L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ sss	8 $N_s C h_s h_s$	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	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Alavi	23 190	613 06	8 25 24	97 03 2	003 82	87 6 86	6 2 801		0 02 78	1 25 84											
Gerum	23 178	728 00	8 27 19	96 81 2	976 79	87 4 —	5 4 615		0 00 77	1 23 46											
Mahadevi	23 162	807 06	8 25 27	97 02 2	984 82	00 9 70	2 4 300	8 8 583	0 51 77	1 76 32											
Brockley	23 181	705 06	8 26 13	98 02 2	974 77	87 x —	2 4 300		0 54 77	1 26 23											
Bharatiatna	23 193	734 06	7 23 05	97 03 2	078 80	— — —	— — —		— —	— —											
Mozaffari	23 211	807 18	7 22 12	99 00 2	949 81	9x x xx	1 5 320		— —	— —											

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	993 80 264 60	854 65 282 04	700 22 151 95	509 25 529 91 802 03	750 91 201 16	010 97 555 55 149 80	299 06 821 78	889 00 811 74	648 00 241 88 446 00 055 47	795 28 000 99

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	3	5	7	10	15	1	3	5	7	10	15	20	25
1	2	3	4	6	8	9	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sogri	03 07	09 04	10 10	08 09	08 07	11 12	—	—	—		04 16	08 17	09 21	09 21	—	—	09 18	09 24	10 23	10 26	10 15	09 10	—	—
Ghotki	17 08	15 09	11 09	09 12	06 13	05 19	—	—	—		—	—	—	—	—	—	—	—	—	09 12	—	—	—	—
Chittagong	21 08	16 07	16 10	02 18	07 13	11 20	11 37	—	—		09 13	09 08	05 07	—	—	—	09 16	08 24	09 06	11 16	13 19	13 29	—	—
Ost's Bazar	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	10 19	11 11	11 17	10 20	10 25	—	—	—
Dacca	02 08	20 08	05 09	09 09	09 11	10 11	—	—	—		02 04	09 09	09 08	09 18	09 22	09 25	08 04	09 09	09 09	09 18	09 22	09 25	—	—
Dalbandin	—	—	25 18	27 13	27 09	25 10	25 16	23 19	—		—	—	15 08	14 15	11 05	21 04	—	—	15 03	14 12	11 06	21 04	27 15	23 14
Drosh	—	—	—	—	23 05	19 08	26 03	31 08	26 16	—	—	—	—	—	—	20 05	—	—	—	—	—	20 06	03 06	—
Fort Sandeman	—	—	—	21 08	22 04	23 07	21 08	—	—	—	—	—	—	25 05	08 05	24 15	—	—	—	24 12	—	24 12	—	—
Jacobabad	12 08	09 09	05 09	21 05	13 03	13 05	09 09	12 10	20 33	—	24 02	24 07	25 04	04 03	06 06	—	24 02	24 07	25 04	04 05	06 05	—	—	—
Shelum	12 05	11 10	11 08	26 13	25 17	26 24	—	—	—	—	08 04	05 06	05 05	07 09	10 07	25 01	05 04	05 06	05 05	07 09	10 07	23 03	25 11	25 06
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	20 15	25 12	01 12	05 11	07 10	05 17	—	—	—	—	06 05	04 03	11 08	07 14	07 20	07 25	05 20	05 21	04 16	04 12	07 14	—	—	—
Khanpur	20 06	19 08	24 02	09 05	09 11	04 10	02 12	—	—	—	—	—	—	—	—	—	13 25	23 25	20 13	—	—	—	—	—
Lahore	09 24	04 31	03 29	18 15	21 14	—	—	—	—	—	09 02	15 06	15 06	25 10	20 05	24 08	09 06	15 06	15 06	25 10	20 05	24 08	—	—
Multan	03 07	04 04	04 03	11 04	15 05	14 06	—	—	—	—	—	—	—	—	—	—	07 19	05 03	03 09	03 03	14 08	21 07	01 98	01 15
Peshawar	—	16 06	18 08	12 08	24 05	29 17	30 17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta	—	—	—	—	16 03	15 21	—	—	—	—	—	—	—	12 18	13 26	—	—	—	—	—	13 18	12 26	—	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

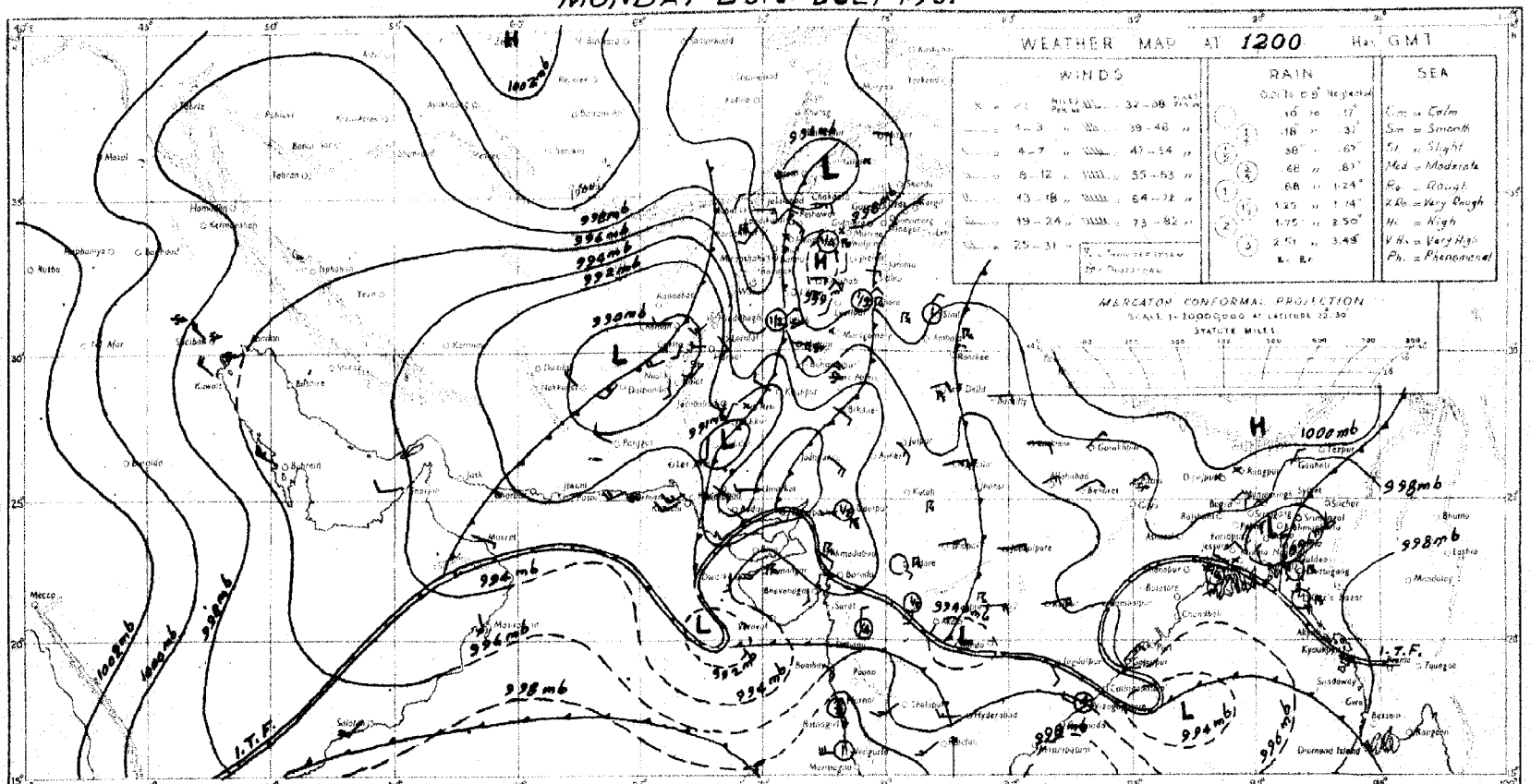
Cloud Observation Data (iiiGG Cddv, v_r)

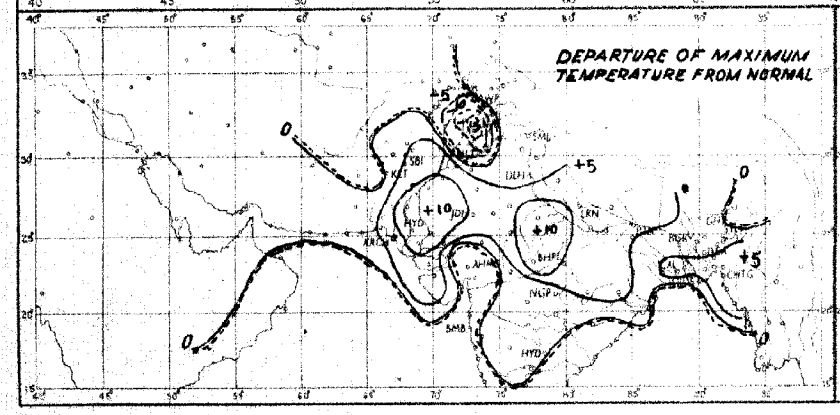
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified times.
†† The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0 4.2 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands of feet.

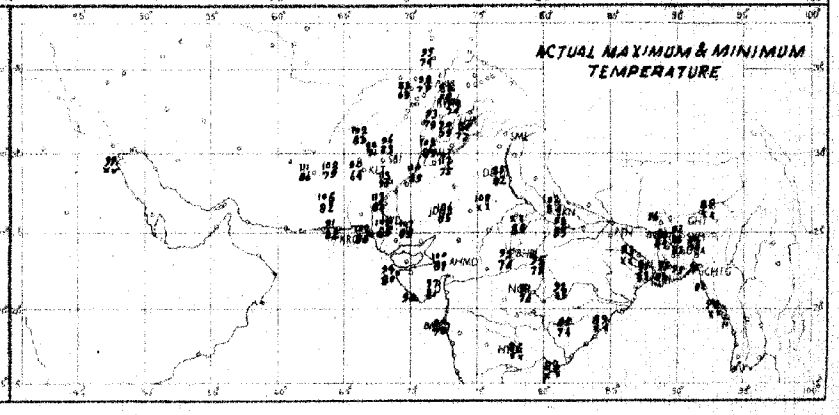
N. P. W.

PAKISTAN DAILY WEATHER MAP

MONDAY 23rd: JULY 1951



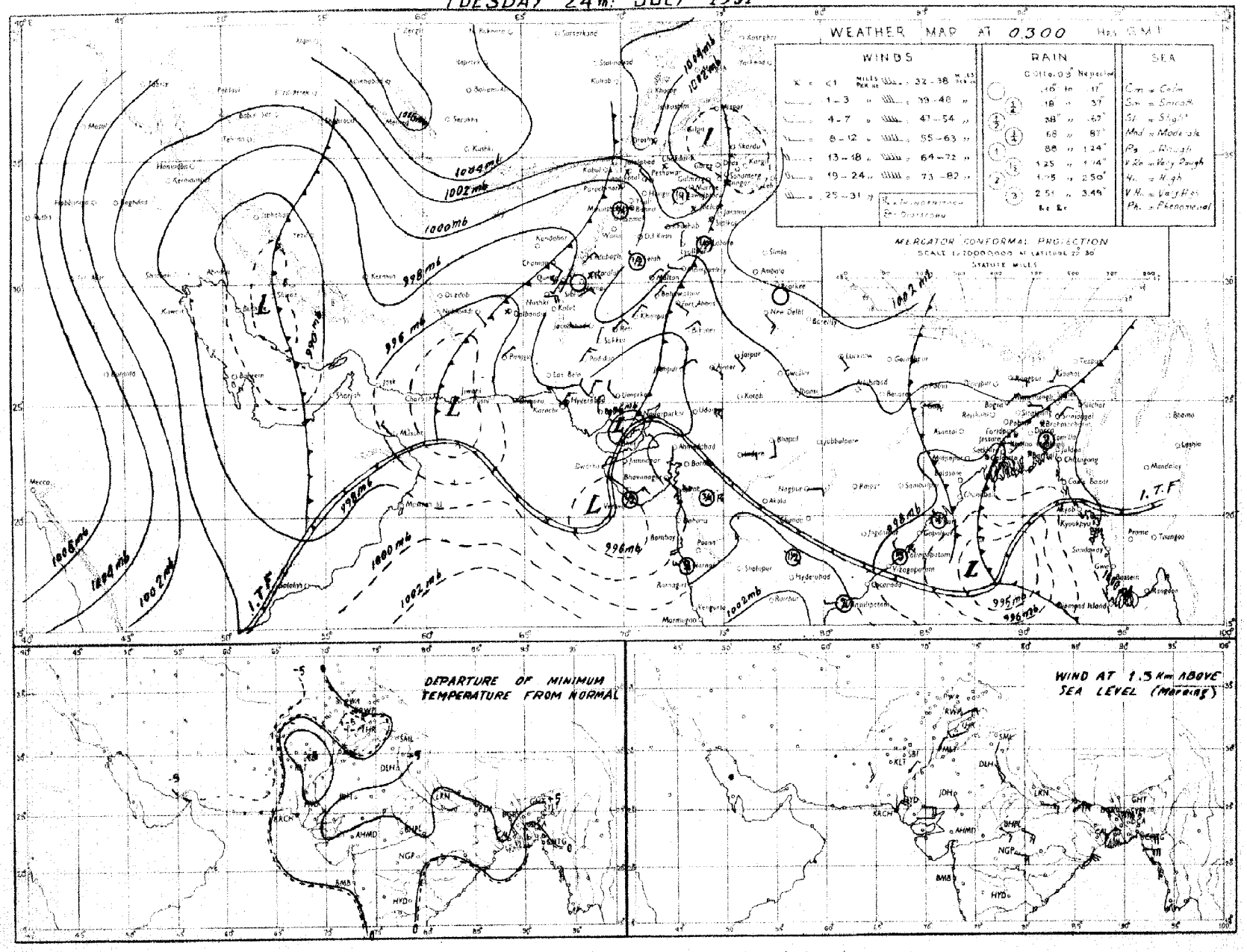




Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

TUESDAY 24th JULY 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-1467

FOR WEDNESDAY, THE 25TH JULY, 1951

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

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

Ships observations are lacking. Shallow depression off Kathiawar coast apparently moved in a north-westerly direction and is centred this morning within half degree of latitude 21°N and longitude 68°E. It is likely to move northwestwards and weaken.

Bay depression has intensified into a cyclonic storm and is centred this morning within half degree latitude 19½°N and longitude 87°E. It is likely to move northwestwards and cross coast in the neighbourhood of Puri during night.

Fairly widespread rain and few thunderstorms have occurred in East Pakistan. Local rain/thunder-showers have occurred in Sind and scattered in the upper North-West Frontier Province. Scattered duststorms/dust-raising winds have occurred in north Baluchistan and the south Punjab.

Chief amounts of rainfall are :—Badin and Karachi (Air Port) 1½" each, Barisal, Narayanganj and Chittagong 1" each, Satkhira ¾", Karachi (Manora) ½" and Brahmanbaria, Jessore, Khulna, Umarkot and Hyderabad ½" each. Comilla recorded 2" of rain till yesterday evening.

Day temperatures were considerably above normal in lower Sind and appreciably to markedly above normal in East Pakistan.

Forecast valid until the evening of 26th :—widespread and locally heavy rain will occur in East Pakistan. Local thunderstorms/showers will occur in the north Punjab, Kashmir and lower Sind ; scattered dust/thunderstorms are also likely in plains of the Punjab, upper Sind and north Baluchistan.

Karachi-11.
The 25th July, 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	$N_hC_Lh C_MC_H$	$W_tD_LD_MT_xT_x$	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	000 73	7 18 09	95 03 1	980 88	6 8 5 3 0	1 × 0 98	005 74	8 18 14	94 63 6	037 78	1 5 4 2 0	9 × × 78	+ 8	- 7	45.2	-13.7	55.0	140
	Chittagong	099 78	5 ×× ××	96 91 9	085 76	8 8 4 2 0	8 × 9 98	099 74	5 ×× ××	97 20 1	037 84	5 8 4 0 0	0 0 2 75	+ 7	- 2	44.0	+ 5.5	74.7	109
	Comilla	210 75	7 18 05	98 03 6	000 85	7 4 7 0 0	2 0 0 94	210 76	8 15 09	98 03 1	042 83	6 4 7 0 2	0 0 0 79	+ 7	+ 2	48.4	+17.9	54.0	118
	Brahmanbaria	000 80	6 09 02	97 93 1	976 94	6 4 5 0 0	- 98	021 76	5 09 02	97 03 1	045 86	5 0 7 7 0	0 × 4 78	—	—	23.8	+ 1.1	38.7	94
	Dacca	×× 81	8 18 04	92 98 2	977 90	6 6 2 0 0	1 × × 95	××× 76	8 13 09	98 02 9	838 85	2 5 7 8 -	9 × 8 76	—		—		—	78
	Narayanganj	104 77	8 16 05	95 01 2	981 87	5 5 5 2	6 × 0 95	119 76	8 18 05	94 03 6	035 29	8 0 7 7 -	9 × 0 77	+ 7	- 2	34.8	+12.8	58.9	74
	Mymensingh	000 89	0 09 02	99 00 0	968 86	0 0 9 0 0	- 93	000 80	0 09 02	99 00 0	053 87	0 0 9 7 0	- - 82	+ 5	+ 4	27.5	3.0	35.7	91
	Srimangal	000 77	7 09 03	97 03 1	978 20	5 8 7 0 1	0 6 × 95	000 77	5 00 00	97 02 6	050 88	2 2 6 8 1	8 5 1 79	+ 4	+ 3	31.1	+ 1.1	60.0	99
	Khulna	000 79	7 13 05	95 03 0	968 83	7 7 5 0 0	- - - 93	031 77	8 16 02	98 08 5	023 80	9 7 6 0 0	- - - 80	+ 5	+ 2	20.0	3.2	28.5	66
	Satkhira	030 79	8 13 08	97 08 6	973 82	5 9 6 6 0	6 0 2 94	073 76	8 05 06	97 08 6	010 80	8 9 6 0	8 0 × 74	+ 6	- 4	13.7	9.5	22.8	66
	Jessore	000 78	8 13 02	95 20 2	965 85	8 7 6 0 0	1 × × 96	035 77	7 18 09	96 50 6	018 83	7 8 6 0 0	9 × × ××	—		15.3	5.5	22.4	65
	Faridpur	000 89	7 06 05	96 02 1	068 88	5 4 6 1 0	9 × × 92	108 76	7 06 12	97 02 1	031 85	3 4 7 1 0	9 × 7 79	+ 4	0	25.0	+ 2.6	32.4	71
	Barisal	079 78	8 13 07	96 61 6	980 81	6 7 5 2 -	2 × × 95	122 78	8 11 10	96 51 5	032 81	2 6 5 2 -	1 × × 75	+ 8	- 4	25.7	2.4	35.3	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 75	4 00 00	99 02 1	943 91	2 1 7 - -	- - - 98	000 92	1 00 00	99 02 1	984 92	1 1 7 - -	- - - 83	+ 5	+ 4	27.4	+ 5.9	37.9	64
	Bogra	000 71	0 13 02	96 01 0	958 91	0 0 9 0 1	- - - 94	000 76	7 13 05	96 01 6	036 86	3 5 7 4 0	- - - 81	+ 5	+ 2	27.3	+ 4.7	34.2	69
	Dinajpur	000 79	0 00 00	97 00 0	975 93	0 0 9 0 0	- - - 94	000 77	8 09 02	97 02 2	049 84	6 4 7 4 0	- - - 81	—	+ 2	24.9	2.0	29.1	72
	Rangpur	000 ××	3 09 02	98 02 1	— —	3 1 8 0 0	- - - —	006 ××	6 09 05	97 02 6	— —	6 5 8 0 0	- - - —	—	—	45.2	—	54.8	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 83	0 36 02	96 00 0	964 00	0 0 9 0 0	- - - 01	000 81	6 09 02	96 02 0	995 86	0 0 9 2 0	0 0 7 83	0	×	1.4	- 2.1	5.7	12
	Lahore	000 73	1 31 02	96 02 1	961 99	1 1 7 0 0	8 × × 99	000 78	0 13 03	96 00 0	004 89	0 0 9 0 0	- - - 30	0	×	3.9	- 3.0	7.0	19
	Sialkot	000 76	1 00 00	97 02 1	958 97	1 4 6 0 0	- - - 97	000 67	6 09 02	97 03 1	030 87	4 1 6 4 0	- - - 84	0	+ 5	2.9	- 6.1	7.8	32
	Jhelum	000 74	2 20 02	98 02 1	955 97	2 1 7 0 0	- - - 00	000 77	2 09 02	97 03 1	010 89	0 0 9 3 0	- - - 80		—	5.1	—	14.5	—
	Rawalpindi	000 64	0 00 00	99 00 0	960 98	0 0 9 0 0	- - 97	000 68	1 00 00	99 01 1	012 86	0 0 9 3 0	- - - 77	0	9	4.0	- 4.5	14.8	36
	Murree †	000 60	3 07 06	98 01 1	921 74	3 2 4 0 0	5 × × 75	000 60	0 00 00	97 00 1	961 77	0 0 9 0 0	9 × × 61	+ 2	+ 8	0.6	4.1	32.2	59
	Attock	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- -	××× ××	0 36 02	98 00 0	—	0 0 9 0 0	- - ××	—				—	—
	Khushab	000 68	0 16 05	98 03 0	957 02	0 0 9 0 0	- - - 03	000 78	1 09 05	99 03 1	001 92	0 0 9 4 0	- - - 85	+ 1	+ 8	1.7	2.6	7.4	16
	Montgomery	000 70	0 00 00	97 00 0	951 01	0 0 9 0 0	- - - 02	000 74	0 18 02	97 00 0	988 93	0 0 9 0 0	- - - 82	- 1	- 1	1.6	- 1.8	5.2	10
	Leiah	000 81	0 31 02	97 60 0	960 00	0 0 9 0 0	- - - 00	000 82	4 00 00	97 02 0	991 92	0 0 9 4 0	- - - 84	—	—	6.4	—	6.1	8
	Multan	000 75	0 31 02	97 00 0	958 02	0 0 9 0 0	- - - 03	000 77	0 09 02	96 00 0	980 94	0 0 9 0 0	- - - 88	+ 1	+ 3	1.4	- 0.5	4.4	7
	Khanpur	000 73	0 05 07	94 07 2	942 04	9 0 9 0 0	- - - 11	000 77	0 36 02	94 07 0	989 91	0 0 9 0 0	- - - 87	+ 7	+ 4	0.2	1.7	1.9	6
	Bahawalpur	000 78	0 05 02	97 00 0	948 08	0 0 9 0 0	- - 08	000 78	0 07 01	97 00 0	995 92	0 0 9 0 0	- - - 86	+ 1	+ 3	0	2.0	3.1	6
	Fort Abbas	000 97	0 05 03	96 00 0	943 07	0 0 9 0 0	0 0 × 09	000 71	0 18 02	96 08 0	938 96	0 0 9 5 0	0 × × 77	—	—	0.3	—	1.2	4
N. W. F. P.	Drosh *	000 47	1 23 16	97 01 9	868 89	1 1 6 0 0	3 × × 91	000 51	0 00 00	98 00 1	936 76	0 0 9 0 0	9 × × 75	- 6	+ 2	1.0	—	21.3	18
	Chakdara	000 57	6 18 10	99 01 8	075 87	6 5 6 0 0	0 × × 95	000 53	0 27 05	98 00 0	018 79	0 0 9 0 0	- - - 72	—	—	2.3	—	14.7	—
	Cherat *	000 60	2 28 04	97 02 1	007 91	0 0 9 0 5	8 0 × 92	000 54	0 18 02	97 00 0	938 78	0 0 9 0 0	- - - 72	+ 3	+ 1	1.5	- 4.9	23.6	29
	Peshawar	000 66	3 05 09	95 05 2	052 09	2 9 7 4 0	- 01	000 61	0 00 00	97 00 1	014 87	0 0 9 0 0	- - - 77	0	- 3	0.4	- 0.8	7.7	14
	Parachinar	000 60	5 00 00	96 01 0	919 80	2 1 6 3 0	3 × 0 83	000 52	0 00 00	99 00 1	944 75	0 0 9 0 0	9 × × 68	- 3	- 3	4.2	—	22.8	20
	Miranshah	000 67	0 15 02	94 44 4	886 91	0 0 9 0 0	- - - 98	000 67	0 07 02	95 44 0	913 82	0 0 9 0 0	- - - 77	—	—	1.0	1.1	7.9	13
	Bannu	000 68	0 00 00	99 00 0	996 98	0 0 9 0 0	- - - 98	000 74	0 00 00	99 00 0	958 89	0 0 9 0 0	- - 81	—	—	1.2	—	6.1	11
	D. I. Khan	000 68	0 35 09	95 00 0	066 03	0 0 9 0 0	- - - 03	000 74	6 00 00	95 01 2	992 88	0 0 9 7 0	7 × 6 77	9	- 6	0.6	1.7	2.3	9
	Wana																		11
	Landikotal	000 67	2 18 03	98 02 1	880 98	2 4 6 0 0	- - - 94	000 59	0 00 00	99 00 0	920 85	0 0 9 0 0	- - - 71	—	—	0.5	—	10.1	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	3 18 09	98 68 1	— —	1 8 7 3 0	- - - —	××× ××	2 27 09	99 01 1	— —	2 8 7 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 35	5 00 00	96 08 1	902 92	5 5 6 0 0	4 × × 97	000 61	0 00 00	95 05 4	898 81	0 0 9 0 0	9 × × 76	0	+ 2	0	- 2.3	5.9	11
	Hindubagh	000 29	5 27 05	97 02 1	992 94	5 5 6 0 0	- - - 96	000 57	0 00 00	96 00 0	925 80	0 0 9 0 0	- - - 69	—	—	0	—	8.3	—
	Loralai	000 73	0 00 00	96 00 1	890 93	0 0 9 0 0	- - - 94	000 65	0 00 00	96 00 4	906 81	0 0 9 0 0	- - - 76	—	—	0.1		6.5	—
	Harnai (a)	000 ××	9 09 02	93 04 4	— —	9 × × ××	9 0 0 —	009 ××	9 00 00	94 42 4	— —	9 × - -	- - - ××	-	-	0.9	- 2.0	9.5	14
	Sibi	000 66	0 23 05	98 00 0	985 09	0 0 9 0 0	- - - 11	000 72	0 09 00	97 00 0	979 96	0 0 9 0 0	- - - 98	—	—	0	—	1.6	5
	Quetta †	000 59	4 20 05	97 07 2	905 88	0 0 9 3 0	- - - 96	000 62	0 20 02	96 07 4	926 78	0 0 9 0 0	- - - 70	—	—	0	0.5	8.5	9
	Chaman	000 68	0 31 05	97 00 0	882 00	0 0 9 0 0	- - - 01	000 69	0 13 02	97 00 0	800 89	0 0 9 0 0	- - - 80	0	+ 5	0	- 0.1	9.6	8
	Nushki	000 58	7 25 17	96 02 1	912 07	0 0 9 0 7	9 0 0 08	000 65	0 09 14	96 00 0	949 92	0 0 9 0 0	- - - 88			0		5.4	—
	Dalbandin *	000 42	1 00 00	96 01 1	872 08	0 0 9 4 0	- - - 10	000 59	2 00 00	95 01 1	899 93	0 0 9 4 0	- - - 85	+ 1	+ 7	0	- 0.1	1.8	4
	Nokkundi	000 63	0 32 09	99 00 0	905 01	0 0 9 0 0	- - - 12	000 57	0 34 26	97 05 0	955 91	0 0 9 0 0	- - - 88	—	—	0	—	0.9	3
	Kalat †	000 66	0 18 05	98 00 0	920 85	0 0 9 0 0	- - - 91	002 59	0 18 02	98 00 6	940 71	0 0 9 0 0	9 × × 68	0	+ 1	0	0.7	9.0	7
	Turbat	000 83	8 15 05	95 07 0	950 06	8 7 5 0 0	7 0 × 16	000 75	2 00 00	96 01 1	997 95	2 0 8 2 0	9 0 × 88	—	—	0	—	1.4	—
	Panjgur *	000 39	8 05 08	97 03 1	848 99	0 0 9 2 0	9 × 6 02	000 64	8 05 02	94 08 1	902 86	0 0 9 2 0	9 × 6 80	1	+ 4	0	—	3.2	5
	Las Bela																		8
	Ormara	000 84	4 25 18	96 07 1	936 41	4 0 9 3 0	- - - 91	000 77	6 09 02	94 04 1	974 91	6 0 9 3 0	- - - 87	—	—	0	- 0.6	2.7	6
	Pasni																		6
	Jiwani																		4
SIND	Roti	000 81	0 36 09	96 00 1	952 06	0 0 9 0 0	- - - 07	000 86	2 27 05	96 00 0	996 93	0 0 9 0 0	- - - 88	—	—	0	—	0.6	—
	Jacobabad	000 65	1 11 07	95 08 2	944 06	0 0 9 2 0	- - - 06	000 75	0 12 03	96 06 1	980 98	0 0 9 0 0	- - - 89	- 1	+ 4	0	- 1.0	0.5	4
	Sukkur	000 81	0 36 02	94 66 1	940 03	0 0 9 0 0	- - - 04	000 76	4 00 00	96 02 1	977 89	0 0 9 0 0	- - - 87	—	—	0	—	0.5	4
	Pad Idan	000 72	7 05 09	96 92 1	944 08	0 0 9 1 0	- - - 04	000 75	0 00 00	97 01 1	974 88	0 0 9 7 0	- - - 84	—	—	0	—	0.1	-
	Karachi (Manora)	000 79	9 23 05	95 81 9	928 90	0 0 9 2 0	- - - 98	047 79	5 09 00	97 02 2	938 86	0 0 9 5 0	- - - 80	+10	- 1	0.5	- 2.7	0.5	5
	Karachi (A. P.)	000 73	7 16 14	94 98 9	940 93	7 5 5 0 0	- - - 00	151 79	2 05 05	96 01 9	979 87	0 0 9 5 1	- - - 77	—	—	1.5		1.6	—
	Badin	130 76	7 05 07	97 08 1	941 93	0 0 9 8 0	0 0 8 07	130 78	0 13 06	97 00 0	990 85	0 0 9 0 0	- - - 79	+14	- 2	1.6	- 2.2	1.6	9
	Nagarparkar																		
	Chhor (Umarkot)	000 81	6 31 09	97 02 5	984 93	0 0 9 4 2	- - - 07	020 77	3 09 03	97 03 1	981 86	0 0 0 0 8	- - - 81	—	—	0.5	—	0.5	—
	Hyderabad	012 77	6 13 01	97 38 9	946 81	3 3 4 2 1	1 × × 08	020 79	5 36 02	97 01 1	983 87	0 0 9 0 1	- - - 80	+ 8	- 1	0.9	- 2.5	0.4	7
JUNAGADH	Veraval																		29
AFGHANISTAN	Kabul	000 80	2 08 10	98 01 1	957 87	0 0 9 2 0	- - - 89							—					13
	Jalalabad	000 88	2 13 02	96 01 1	991 97	0 0 9 7 0	4 × 9 99	000 83	0 00 08	96 00 1	980 79	0 0 9 0 0	9 × × 78	—	—	0.5	—	6.9	—
	Kandahar																		—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY THE 25TH JULY, 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	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1D_HD_MT_xT_x$	RRR T_dT_d	N dd ff	VVwwW	PPP.TT	$N_hC_Lh O_M C_H$	$W_1D_HD_MT_nT_n$	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
Iran	Gharbar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Jask	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
	Mashed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Arabia	Muscat	000 81	6 81 02	99 03 1	952 90	6 0 9 0 1	- - - 91	000 84	8 05 02	96 08 1	967 88	8 0 9 0 2	- - - 86	- 2	0	8	- 0.1	2.8	4
	Sharjah																		4
	Kuwait	000 xx	0 84 02	95 00 0	964 99	0 0 9 0 0	- - - 92	000 xx	0 81 09	97 00 9	990 92	0 0 8 0 0	- - - xx	—	0	0	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).
(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 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 Control, Air Port, KARACHI-11.

Wireless Reports from Ships

SHIP	YQ $L_a L_a$	$L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_L h C_M C_H$	D_s v_s app	8 N_s C $h_s h_s$	O $T_s T_s$ $T_d T_d$	1 $d_w d_w$ $P_w H_w$	SHIP	YQ $L_a L_a$	$L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_L h C_M C_H$	D_s v_s app	8 N_s C $h_s h_s$	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	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Mozaffari ...	28 223	635 06	0 20 13	99 00 2	996 81	9x x xx	1 5 323														
Mahadevi ...	38 102	708 06	8 24 27	98 02 8	996 88	80 9 70	2 4 118	8 6 583	0 81 79												
Mahadevi ...	28 180	725 18	8 28 27	97 21 8	019 82	00 0 70	2 4 420	8 8 584	0 01 78												

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1TdTdTx1 etc.	5555	h1h1P1P1P1	T1T1TdTdTx1 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	994 27	197 60	855 84	271 97	700 89	141 27	855 55	169 55	812 05	879 00	302 02	718 00	241 55	516 00	669 94	655 72	039 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	4	5	6	8	10	25	35	1	2	3	4	5	6	1	2	3	4	5	6	15	20
1	2	3	4	5	6	7	8	9	12	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra ...	07 09	08 17	09 23	09 29	09 32	—	—	—	—		04 16	06 17	09 21	09 21	—	—	—	—	—	—	—	—	—	—
Ghhor ...	13 02	11 03	10 05	07 08	—	—	—	—	—		—	—	—	—	—	—	15 09	16 16	15 08	07 24	09 21	09 28	—	—
Chittagong ...	21 05	22 08	10 06	16 01	—	—	—	—	—		09 13	09 08	05 07	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar ...	13 23	13 21	13 44	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca ...	08 11	09 14	11 23	—	—	—	—	—	—		08 04	09 09	09 08	09 18	09 21	09 25	09 11	09 17	09 22	09 19	09 16	09 22	—	—
Dalbandin ...	—	—	15 02	11 03	15 01	16 05	22 07	—	—		—	—	11 03	25 08	22 02	27 03	—	—	13 03	11 04	01 03	01 06	22 05	23 07
Drosh ...	—	—	—	—	21 09	22 10	—	—	—		—	—	—	calm	06 02	26 21	—	—	—	—	30 03	25 16	25 24	19 06
Port Sandeman ...	—	—	—	01 13	16 08	17 17	—	—	—		—	—	—	01 04	23 06	21 23	—	—	—	24 04	19 07	22 06	24 16	—
Jacobabad ...	09 06	07 06	04 07	09 08	13 06	03 05	06 09	—	—		19 19	11 19	12 15	—	—	—	16 04	07 06	18 04	12 06	22 04	06 09	05 17	22 18
Jhelum ...	21 04	28 03	16 08	07 08	01 07	24 06	25 13	27 09	25 46	25 24	07 04	15 03	09 03	27 01	25 03	23 03	11 06	14 05	14 07	—	26 03	21 07	30 26	—
Niwan: ...	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi ...	07 19	—	—	—	—	—	—	—	—		08 14	08 19	08 19	09 27	09 29	—	12 15	12 12	12 11	07 12	09 25	—	—	—
Khanpur ...	04 06	05 07	05 09	05 10	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lahore ...	22 05	22 05	22 08	25 06	26 08	22 12	26 10	25 29	24 45	25 25	12 02	15 12	16 11	21 05	26 03	27 08	—	—	—	—	—	—	—	—
Multan ...	02 03	05 07	05 07	14 05	30 01	22 07	25 15	28 12	25 25	24 21	06 05	11 05	11 05	20 05	21 05	—	—	—	—	—	—	—	—	—
Peshawar ...	—	11 03	14 01	19 03	31 03	31 11	29 15	30 21	29 22		—	31 06	25 04	04 04	25 07	30 24	—	—	—	—	—	—	—	—
Quetta ...	—	—	—	—	25 14	24 09	—	—	—		—	—	—	—	19 20	—	—	—	—	—	14 09	24 18	—	—
Bushire ...	—	-	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah ...	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—

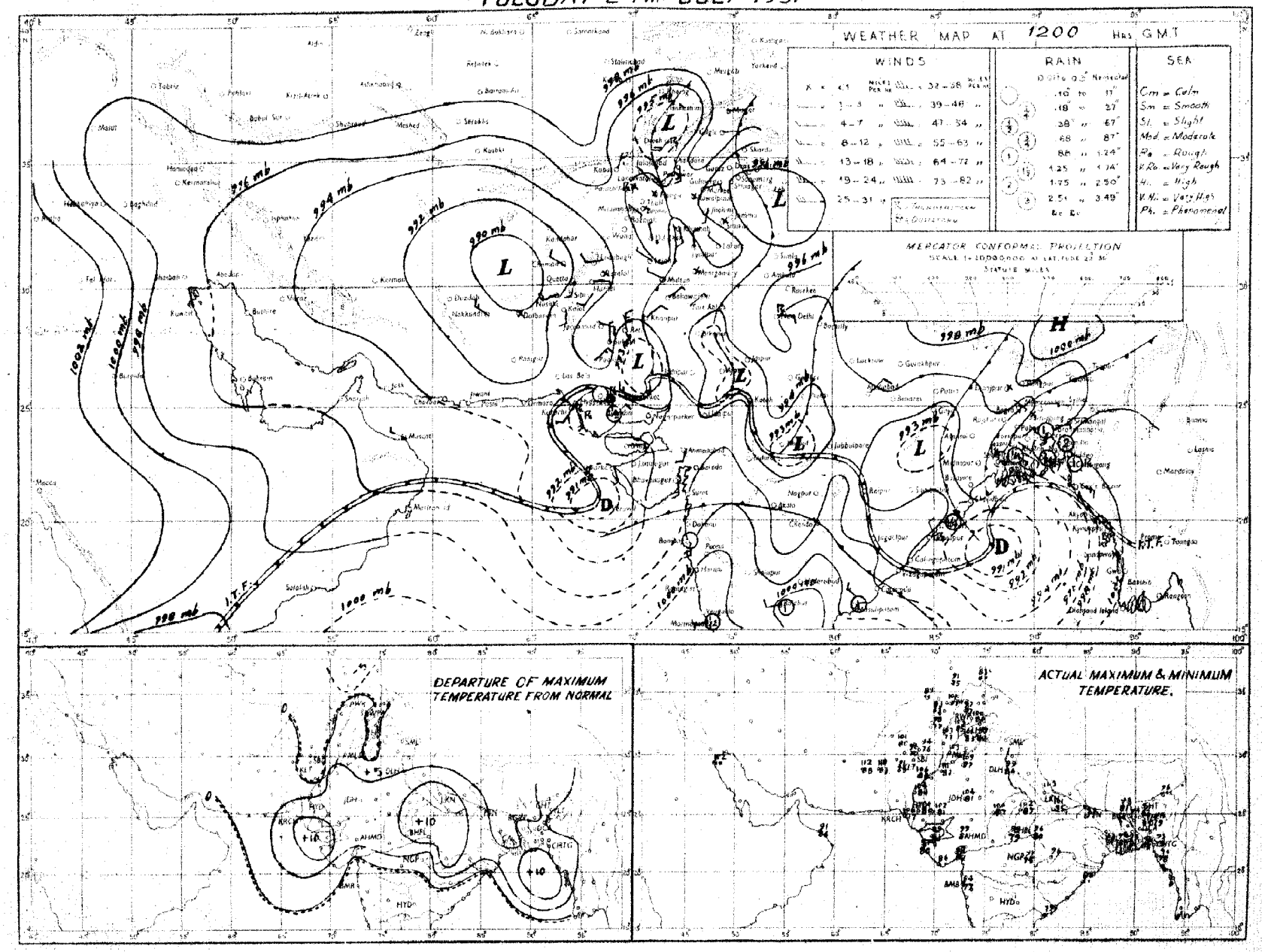
Cloud Observation Data (iiiGG Cddv, v_r)

* 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 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

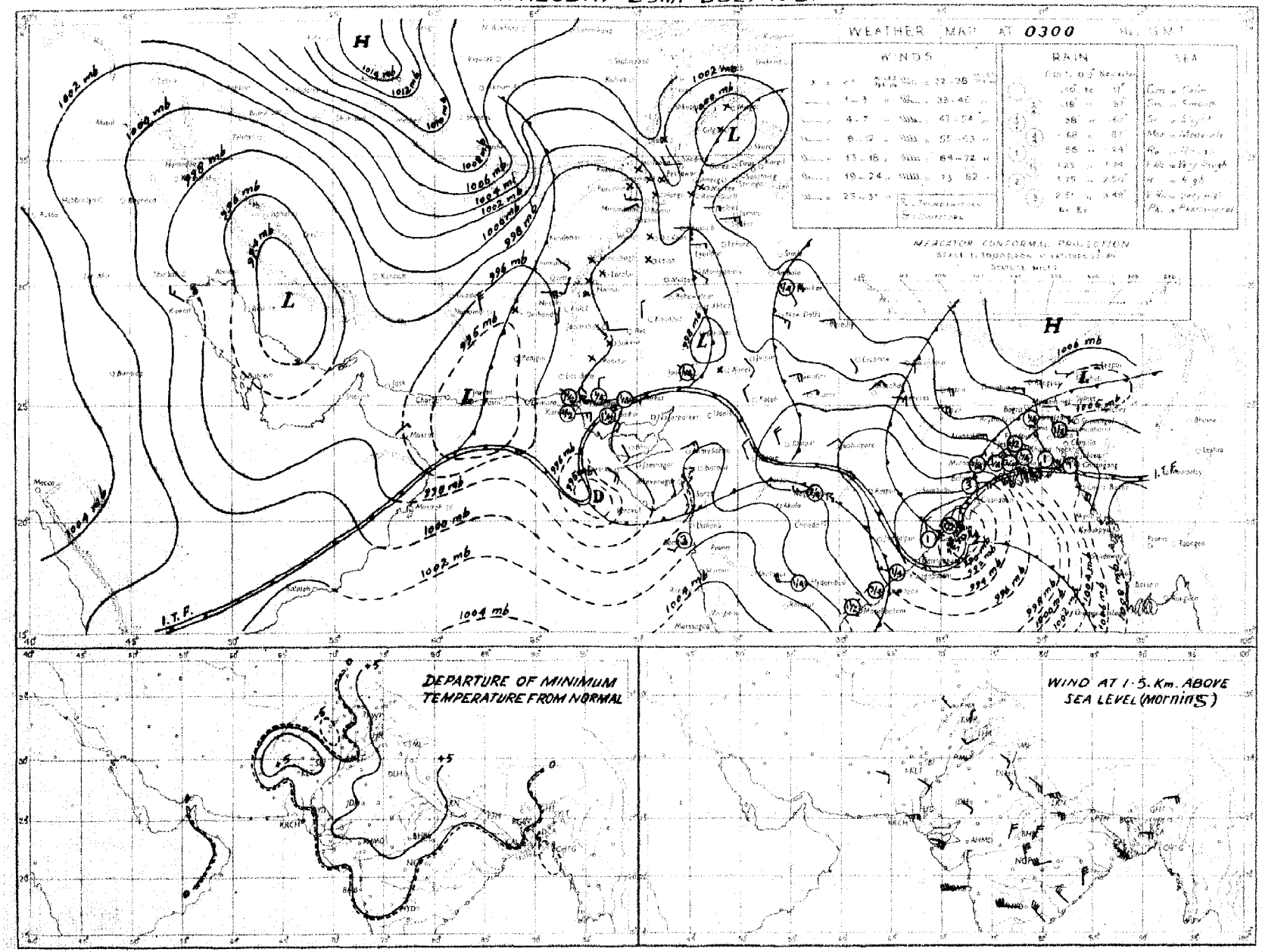
TUESDAY 24th JULY 1951



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 25th: JULY 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-1467

FOR WEDNESDAY, THE 26TH JULY, 1951

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

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

The shallow depression in north Arabin Sea became unimportant.

The cyclonic storm in Bay of Bengal crossed Orissa coast in the neighbourhood of Puri at 1200 G. M. T. yesterday, and lies this morning as a deep depression in the neighbourhood of Pendra. It will continue to move westnorth-westwards.

A low lies over Rajputana and adjoining Sind.

Monsoon is advancing into the Punjab and Sind.

Fairly widespread rain has occurred in East Pakistan. Local thunderstorms/showers have been reported from north Baluchistan, the north Punjab and Sind. Scattered duststorms/dustraising winds have occurred in the south Punjab and Baluchistan.

Chief amounts of rainfall are :—Barisal 2"; Sibi 1"; Cox's Bazar and Satkhira ¾" each; Sialkot and Murree ½" each and Jessore Rawalpindi, Fort Sandeman and Jacobabad ¼" each.

Day temperaturses were appreciably to markedly above normal in the North-West Frontier Province, the Punjab and Sind.

Forecast valid until the evening of 27th :—Fairly widespread rain will occur in Eeast Pakistan and rain/thundershowers in the extreme north Punjab, the upper North-West Frontier Province and Kashmir. There will be local dust/thunder-storms followed by showers in plains of the Punjab and Sind.

A few dust/thunderstorms will also occur in northeast Baluchistan.

Karachi-11.
The 26th July, 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	020 74	8 13 10	94 03 6	037 78	3 3 4 2 0	9 x 0 86	072 77	7 18 05	96 93 6	074 80	3 8 5 2 0	9 x x 77	+ 1	+ 1	46.6	- 14.8	55.7	140
	Chittagong	000 73	8 13 09	96 29 1	036 85	8 3 4 -	- 87	000 76	7 16 05	97 02 5	069 83	5 8 5 7 0	4 0 9 78	+ 1	+ 1	44.9	+ 4.6	74.7	105
	Comilla	000 75	6 13 09	98 03 1	026 76	4 4 7 0 2	- 87	000 75	7 13 09	98 03 1	066 82	7 4 7 0 0	- - - 77	0	0	48.3	+17.8	54.9	118
	Brahmanbaria	000 77	6 00 00	97 93 1	031 58	6 4 6 0 4	0 4 x 92	000 76	6 19 05	97 03 1	069 86	6 0 9 0 7	0 4 x 81	—	—	23.8	+ 0.7	33.7	94
	Dacca	xx 75	8 16 09	97 02 2	020 85	7 8 4 4 0	3 x x 91	xxx 78	8 11 08	96 61 6	061 82	5 5 4 2 -	- x - xx	—	—	—		—	78
	Narayanganj	000 75	8 13 07	95 08 2	020 87	8 5 5 2 -	9 x 0 91	000 76	8 16 05	95 03 2	056 85	7 5 5 4 x	9 x 0 80	+ 3	+ 1	34.8	+11.5	53.9	74
	Mymensingh	000 78	8 09 02	99 02 2	027 x9	8 4 7 - -	- - - 91	000 77	8 09 02	99 02 2	064 86	x x x x x	- - - 80	+ 3	+ 2	27.5	- 3.6	35.7	91
	Srimangal	000 81	8 22 02	97 03 9	034 86	8 5 6 - -	- - - 94	001 79	8 05 02	97 08 6	074 88	8 5 7 - -	9 x x 78	+ 3	+ 2	31.1	+ 0.6	60.1	98
	Khulna	000 76	6 13 07	96 03 2	008 85	6 5 6 2 0	- - 87	056 77	8 13 02	96 03 6	055 81	8 4 6 0 4	1 x x 80	- 1	+ 2	20.6	- 3.1	29.1	88
	Satkhira	017 76	8 13 03	97 03 6	004 84	5 9 6 6 0	9 0 x 94	081 80	8 13 03	97 02 6	065 83	6 4 6 6 0	6 0 x 77	+ 6	- 1	14.5	- 9.1	23.1	65
	Jessore	000 78	7 16 30	96 09 3	004 85	7 8 6 0 0	4 x x 89	021 79	8 13 05	96 08 6	046 80	8 8 6 - -	8 x x xx	—	—	15.5	6 7	22.6	65
	Faridpur	000 78	7 06 13	96 02 5	015 84	5 4 6 1 0	2 x x 87	xxx xx	7 06 13	97 01 6	056 82	4 4 6 1 0	9 x x 77	1	- 2	25.4	+ 2 1	32 4	71
	Barisal	056 78	8 09 07	97 01 6	016 80	8 7 5 6 x	5 x x 87	182 81	8 11 02	96 62 6	057 82	8 4 5 2 7	9 x x xx	0	—	27.5	- 1.1	37.1	61
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 79	8 09 05	98 02 2	006 87	8 2 7 - -	- - - 89	007 78	8 13 07	98 02 2	049 82	8 4 7 - -	9 0 0 79	+ 1	0	27.5	+ 5.6	38.0	64
	Boura	000 76	5 13 03	96 01 1	021 89	5 4 6 0 0	- - - 92	004 77	6 09 05	96 03 6	057 83	5 5 5 2 -	- - - 79	+ 3	0	27.4	+ 4.2	34.2	69
	Dinajpur	000 79	6 00 00	97 02 2	030 89	0 0 9 2 0	9 0 0 02	000 76	6 09 02	97 02 2	046 84	0 0 9 2 0	9 0 9 79	+12	0	26.0	1.8	29.1	72
	Rangpur	000 xx	7 00 00	96 02 1	— —	7 5 8 0 0	- - - —	085 xx	4 09 02	97 01 6	— —	4 5 8 0 0	8 0 0 —	—	—	46.0	+14.4	55.7	64
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 88	1 02 04	96 01 0	955 03	0 0 9 2 0	- - - 04	000 78	6 11 07	96 02 0	013 85	6 3 8 0 0	- - - 81	+ 3	- 1	1.4	- 2.2	5 7	12
	Lahore	000 77	4 07 05	96 03 1	963 99	4 3 7 0 0	8 x x 08	000 77	4 07 05	96 03 1	968 99	4 3 6 0 0	7 - - 83	+ 4	+ 4	3.8	- 4.2	7.0	19
	Sialkot	000 73	6 13 04	97 08 1	969 99	3 5 6 4 2	- - - 00	041 74	6 00 00	98 01 1	048 80	4 3 6 4 0	- - - 73	+ 8	- 1	8.3	- 6.0	8 2	32
	Jhelum	000 74	3 23 03	97 02 1	958 01	3 2 7 0 0	8 x x 03	000 69	8 00 00	96 03 9	053 83	0 0 9 2 -	9 1 9 81		—	5.1	—	14.5	—
	Rawalpindi	000 65	0 00 00	98 00 0	951 99	0 0 9 0 0	- - 00	030 70	8 00 00	98 58 9	046 72	8 9 5 - -	6 x x 72	+ 3	- 6	4 3	- 4.6	15.1	30
	Murree †	000 61	5 07 03	97 02 1	936 76	5 9 4 0 0	6 x x 76	041 56	8 11 03	97 52 9	956 69	8 5 5 - -	3 x x 56	+ 3	—	10.2	- 4 1	32.6	59
	Attock	xxx xx	0 00 00	97 00 0	—	0 0 9 0 0	- - - xx	xxx xx	0 36 13	96 00 0	—	0 0 9 0 0	- - —	—		—		—	—
	Khushab	000 69	1 11 05	98 03 1	962 03	0 0 9 6 0	- - - 05	000 76	5 07 05	99 03 1	029 85	6 2 6 0 0	- - - 82	+ 3	0	1.7	2.8	7 4	15
	Montgomery	000 68	0 00 00	97 00 0	943 06	0 0 9 0 0	- - - 07	000 75	4 00 00	97 01 2	007 94	0 0 9 7 0	1 x x 86	+ 4	+ 2	1.6	- 1 8	5.2	10
	Leiah	000 97	0 06 02	97 60 0	958 08	0 0 9 0 0	- - - 09	000 78	8 13 03	97 01 3	986 87	0 0 9 0 3	77	—	—	0.4	—	6 1	1
	Multan	000 70	0 05 05	97 00 0	963 09	0 0 9 0 0	- - - 10	000 73	8 36 13	96 03 2	018 85	0 0 9 7 0	9 9 9 84	+ 8	- 1	1.4	- 0 7	4 4	7
	Khanpur	000 79	0 36 09	94 07 0	932 09	0 0 9 0 0	- - - 11	000 86	4 05 08	94 10 7	983 43	0 0 9 0 2	9 9 x 88	+ 7	+ 5	0.2	- 1 9	1.9	6
	Bahawalpur	000 75	0 00 00	97 00 0	941 07	0 0 9 0 0	- - - 09	000 89	0 06 03	97 00 0	999 xx	0 0 9 0 0	- - - 88	+ 7	+ 5	0	2.1	3.1	5
	Fort Abbas	000 00	0 05 08	96 00 0	939 10	0 0 9 0 0	0 x x 12	000 73	0 05 03	96 00 0	905 92	0 0 9 0 0	0 x x 78	—	—	0.3	—	1.2	9
N. W. F. P.	Drosh *	000 38	2 25 12	99 01 1	860 44	1 1 8 3 0	8 x 9 98	000 53	0 00 00	98 00 1	995 18	0 0 0 0 0	9 x x 74	+ 1	—	1.0	—	21.2	18
	Chakdara	000 66	0 00 00	99 00 0	952 97	0 0 9 0 0	- - - 99	000 68	0 36 02	98 00 0	024 83	0 0 9 0 0	- - - 72		—	2.8	—	14.7	—
	Cherat *	000 50	0 05 02	97 00 0	910 92	0 0 9 0 0	- - - 94	000 64	2 16 12	97 01 1	952 72	0 0 9 5 0	1 x 4 71	+ 5	0	1.5	- 3.0	23.6	20
	Peshawar	000 59	1 07 02	96 02 1	954 02	1 1 7 3 0	- - - 03	000 70	1 16 05	95 05 1	023 88	1 1 7 7 0	- - - 83	+ 2	+ 3	0.4	- 0.9	7.7	14
	Parachinar	000 53	2 13 02	99 01 7	942 86	0 0 9 3 0	5 x 8 97	000 59	1 00 00	99 01 1	958 75	0 0 9 3 0	8 x 7 69	+11	+ 2	4.2	—	22.9	29
	Miranshah	000 62	5 20 03	97 03 1	902 95	5 x 8 0 0	- - 96	000 65	0 00 00	97 00 0	937 82	0 0 9 0 0	- - - 73	—	—	1 0	1.1	7.9	13
	Bannu	000 65	0 18 03	99 00 0	962 05	0 0 9 0 0	- - - 05	000 72	0 00 00	99 00 0	025 91	0 0 9 0 0	- - 83	—	—	1.2	—	6.1	11
	D. I. Khan	000 68	4 02 02	95 03 2	984 06	0 0 9 0 5	0 7 0 06	000 78	0 05 02	95 06 0	002 90	0 0 9 0 0	- - - 81	+ 3	—	0 7	1 8	2.8	9
	Wana																		
	Landikotal	000 56	0 00 00	97 00 0	932 93	0 0 9 0 0	- - - 98	000 65	0 06 03	99 00 0	933 88	0 0 9 0 0	- - - 78	—	—	0.5	—	10.1	11
	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 1	— —	0 0 9 0 0	- - - —	xxx xx	2 36 09	99 01 1	— —	1 8 7 0 1	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 65	8 31 12	96 80 7	915 71	8 7 4 0 0	1 x x 97	020 67	0 00 00	96 00 6	901 76	0 0 9 0 0	9 x x 69	0	+ 2	0.2	- 2.1	6.1	11
	Hindubagh	000 64	6 09 03	97 02 1	897 81	6 2 6 0 0	- - - 97	000 59	0 18 05	97 00 0	942 76	0 0 9 0 0	- - - 65	—	—	0	—	8.8	—
	Loralai	000 69	6 13 05	94 03 7	888 79	6 7 4 0 0	- - - 95	000 69	3 27 05	97 01 9	922 79	0 0 9 0 9	- - - 69	—	—	0.1		6 5	—
	Harnai (a)	000 xx	9 09 02	93 44 4	— —	9 - 9 -	- - - —	002 xx	8 13 02	94 41 5	xxx xx	x 0 7 2 5	- - - xx	—	—	0.9	2.1	9.5	14
	Sibi	000 65	0 23 05	98 00 0	939 11	0 0 9 0 0	- - - 12	113 75	4 31 05	98 01 1	996 83	0 0 9 7 0	- - - xx	—	—	1.2	—	2.7	5
	Quetta †	000 59	4 20 03	97 07 3	909 93	0 0 9 0 0	- - - 08	000 64	2 20 02	96 07 3	935 76	0 0 9 0 7	9 0 x 70	—	—	0	0 6	8.5	9
	Chaman	000 57	0 31 03	97 00 0	864 02	0 0 9 0 0	- - - 03	000 62	0 05 02	97 00 0	913 88	0 0 9 0 0	- - - 61	+ 2	+ 6	0	- 0.1	9.6	5
	Nushki	000 58	0 27 21	97 00 0	840 10	0 0 9 0 0	- - - 11	000 48	8 13 03	96 03 1	961 90	0 0 9 0 2	2 9 0 86		—	0	—	5 4	—
	Dalbandin *	000 53	6 12 05	96 03 1	869 05	0 0 9 3 0	- - - 10	000 65	5 00 00	94 05 1	968 69	0 0 9 0 4	- - 82	+ 1	+ 4	0	0 1	1.8	4
	Nokkundi	000 94	1 34 09	98 03 1	003 10	0 0 9 0 1	9 0 x 18	000 66	0 93 05	97 05 1	960 90	0 0 9 0 0	9 x x 84	—	—	0		0.9	2
	Kalat †	000 73	0 14 05	98 00 0	916 88	0 0 9 0 0	- - 92	000 57	0 18 05	98 00 0	947 72	0 0 9 0 0	- - - 69	+ 1	+ 8	0	0.7	9.0	7
	Turbat *	000 08	6 18 12	96 03 1	938 12	6 0 8 2 0	9 0 x 15	000 79	8 00 00	96 03 2	956 99	8 0 8 2 0	9 0 x 90	—	—	0	—	1.4	—
	Panjgur *																—		5
	Las Bela							000 85	0 00 00	99 00 0	977 92	0 0 9 0 0	- - - 85		—	0	—	0.1	8
	Ormara	000 80	2 12 12	95 07 3	949 95	0 0 9 0 6	- - - 98	000 82	2 27 09	96 01 0	984 89	6 0 9 3 0	- - - 85	—	—	0	- 0.7	2.7	9
	Pasni	000 79	0 22 05	96 00 0	954 92	0 0 9 0 0	- - - 95	000 76	4 00 00	96 01 1	992 89	0 0 9 4 0	9 x x 81	+ 5	+ 3	0.5	- 0.1	4.7	6
	Jiwani																		4
SIND	Reti	000 67	0 12 09	96 00 0	949 05	0 0 9 0 0	- - - 18	000 80	0 16 09	97 00 0	983 41	0 0 9 0 0	- - - 87	—	—	0	—	0.4	—
	Jacobabad	000 69	2 16 05	96 06 1	941 09	x 2 8 0 0	- - - 10	019 78	6 31 07	97 02 1	986 87	0 0 9 2 8	- - - 77	+ 3	- 7	0.2	0.8	0.7	4
	Sukkur	000 76	6 29 02	96 03 1	940 03	6 5 8 0 0	- - - 09	000 71	6 02 03	96 02 3	980 83	0 0 9 5 0	- - - 80	—	—	0	—	0.5	4
	Pad Idan	000 69	1 00 00	98 01 1	948 05	1 1 7 0 0	- - - 05	000 69	4 05 05	98 01 1	986 88	0 0 9 7 0	- - - 61	—	—	0	—	0.1	—
	Karachi (Manora)	000 82	5 20 09	98 02 2	953 89	3 1 5 0 2	- - - 97	000 81	7 00 00	94 10 2	991 85	3 2 5 8 0	- - - 84	+ 9	+ 4	0.5	- 2 9	0.5	8
	Karachi (A. P.)	000 83	3 20 10	98 01 1	957 91	2 2 5 0 2	- - - 02	000 79	7 00 00	96 08 1	997 87	1 1 6 7 0	- - - 84	—	—	1.5		1.6	
	Badin	130 76	3 09 03	97 08 1	946 01	2 5 x 0 0	- - - 01	000 79	8 27 03	96 08 3	981 87	8 5 7 - -	- - - 84	+ 8	+ 3	1.6	- 3.3	1.6	5
	Nagarparkar																		
	Chhor (Umarkot.)	000 88	6 00 00	97 03 1	914 02	0 0 9 3 9	- - - 04	000 82	5 36 03	97 03 1	982 88	0 0 9 0 5	- - - 82	—	—	0.5	—	0.5	—
	Hyderabad	012 78	2 06 03	97 01 0	955 00	0 0 9 0 3	- - - 02	000 75	8 05 02	96 02 1	992 87	0 0 9 2 8	- - - 88	+ 4	+ 5	0.1	- 3.6	0.4	7
JUNAGADH	Veraval																		29
AFGHANISTAN	Kabul	000 82	1 07 03	98 01 0	986 88	0 0 9 x 0	- - - 90							—					12
	Jalalabad	000 58	1 05 02	97 01 0	982 00	0 0 9 7 0	8 x 9 02	000 61	0 00 00	97 00 1	990 80	0 0 9 0 0	9 x x xx	—	—	0.5	—	6.9	—
	Kandahar	000 64	0 00 00	98 00 0	985 01	0 0 9 0 0	- - - 05	000 43	0 00 00	97 00 0	874 88	0 0 0 0 0	- - - 66	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY THE 26TH JULY, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1D_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP.TT	$N_hC_Lh O_M C_H$	$W_1D_HD_MT_nT_n$	Departures 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
12	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 83	0 00 00	98 01 1	953 92	6 0 9 0 1	- - - 94	000 83	0 09 02	99 00 1	985 88	6 0 9 0 0	- - - 87	+ 1	+ 1	0	- 0.1	3.3	4
	Sharjah	000 xx	0 00 00	96 00 0	967 96	2 0 9 0 0	- - - 08	000 xx	0 29 09	97 00 0	995 95	0 0 9 0 0	- - - xx	-	0	0	"	1.6	4
	Kuwait																		3

* 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 Centre, 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_a L_a	L_oL_o GG	N dd ff	VV ww W	PPP TT	N_hC_L h C_MC_H	D_s v_s app	8 N_s C $h_sh_sh_s$	O T_sT_s T_dT_d	1 $d_wd_wP_wH_w$	SHIP	YQ L_aL_a L_a	L_oL_o GG	N dd ff	VV ww W	PPP TT	N_hC_L h C_MC_H	D_s v_s app	8 N_s C $h_sh_sh_s$	O T_sT_s T_dT_d	1 $d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Dara	43 248	658 06	6 13 08	99 01 2	987 86	xx x xx	2 5 810		0 01 82	1 22 x4											
Siamat	43 140	797 06	6 24 18	97 02 8	044 82	61 4 20	4 6 314		0 02 77	1 24 83											
Mahadevi	43 163	726 06	6 17 20	95 82 8	097 xx	67 x 00	5 3 320														
Jalaprakash	43 233	678 12	6 22 10	99 01 1	970 66	37 6 x6	7 5 200		0 06 61	1 22 88											
Bennevis	43 188	617 12	6 20 25	97 02 2	004 70	37 8 00	2 4 810		0 51 78	1 14 42											
City of Capatown	43 206	612 18	6 28 06	97 01 2	986 70	00 9 78	1 4 312		0 51 76												
Jalaprakash	43 240	669 18	6 00 05	96 02 1	983 85	36 6 00	8 8 301		0 00 81	1 22 33											

Radio-Sonde Data (Temperatures in °C)

of previous day.

TATION	TEMP	CODE:—	iiiGG	$P_oP_oP_oT_oT_o$	$T_dT_dT_xD_xX_tX_t$	$P_tP_th_th_th_t$	$T_1T_1T_dT_dT_{x1}$ etc.	5555	$h_ih_iP_tP_tP_t$	$T_1T_1T_dT_dT_{x1}$ 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	788 15	994 80	164 20	854 67	261 94	780 26	181 12	509 46	018 14	302 25	789 94	201 72	929 94	555 56	119 63	302 62	199 87	303 45	309 00	302 11	648 00	241 75	456 00	160 48	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. ††										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	13 21	13 18	13 27	4							11 24	11 21	13 26	14 21			13 19	13 29						
Dhor	22 01	13 02	13 09	09 17	09 19	08 21					13 18	15 77					20 17	01 15	06 13	05 17	06 13	06 30		
Chittagong	11 08	13 15	14 35														14 20	16 22	18 25					
Cox's Bazar											14 25	15 27	16 27				14 16	16 22	15 25					
Dacca	14 22	14 23	14 45																15 25					
Dalbandin	-	-	13 04	13 03	13 03	15 06	04 04	08 03			-	-	-	-	-	-	-	-	15 03	16 10	16 03	03 13	24 13	04 18
Drosh					16 03	28 02	23 03	02 09			-	-	-	21 04	12 03	21 12	-	-	-	-	23 03	01 13	20 06	
Fort Sandeman			-	27 01	26 04	14 03								23 04	03 13	18 08				07 01	04 03	13 03	04 21	03 21
Jacobabac	16 17	17 10	15 05	06 02	07 07	05 15	-	-	-	-	22 22	20 21	26 17	21 03	03 03		21 15	23 15	01 56	04 15	03 03	08 19	09 19	
Jhelum											11 08	13 10	14 15	10 10	13 09		09 05	11 10	11 15	11 07	07 05			
Siwani																								
Karachi	09 13	09 10	09 13	09 23	07 21	09 23	09 23				18 03	09 06	09 15	09 16	15 19	07 25	20 08	21 10	05 13	04 16	03 79			
Khanpur	05 15	04 10	04 10	03 13	04 15	08 14	09 10	32 08	21 08		12 19	14 21	15 16	13 08	XX XX		05 12	06 14	07 15	09 05				
Lahore	04 05	08 11	10 09	18 07	24 03	26 08	31 25				17 17	17 15					26 17							
Multan	04 05	05 05	05 05	04 11	05 13	05 12	25 06	20 13	27 21				24 04	21 10	21 09	11 06		01 09	13 09	16 07	13 01	09 05	09 06	
Peshawar	-	06 01	23 02	25 07	20 10	24 08	21 15	30 12			-	03 04	24 04	21 10	21 09		-	23 07	21 08	19 19	24 06	25 13	25 15	10 19
Quetta					15 06	26 15	24 11								19 11						17 08	21 06		
Bushire		-	-	-		-																		
Shariah																								

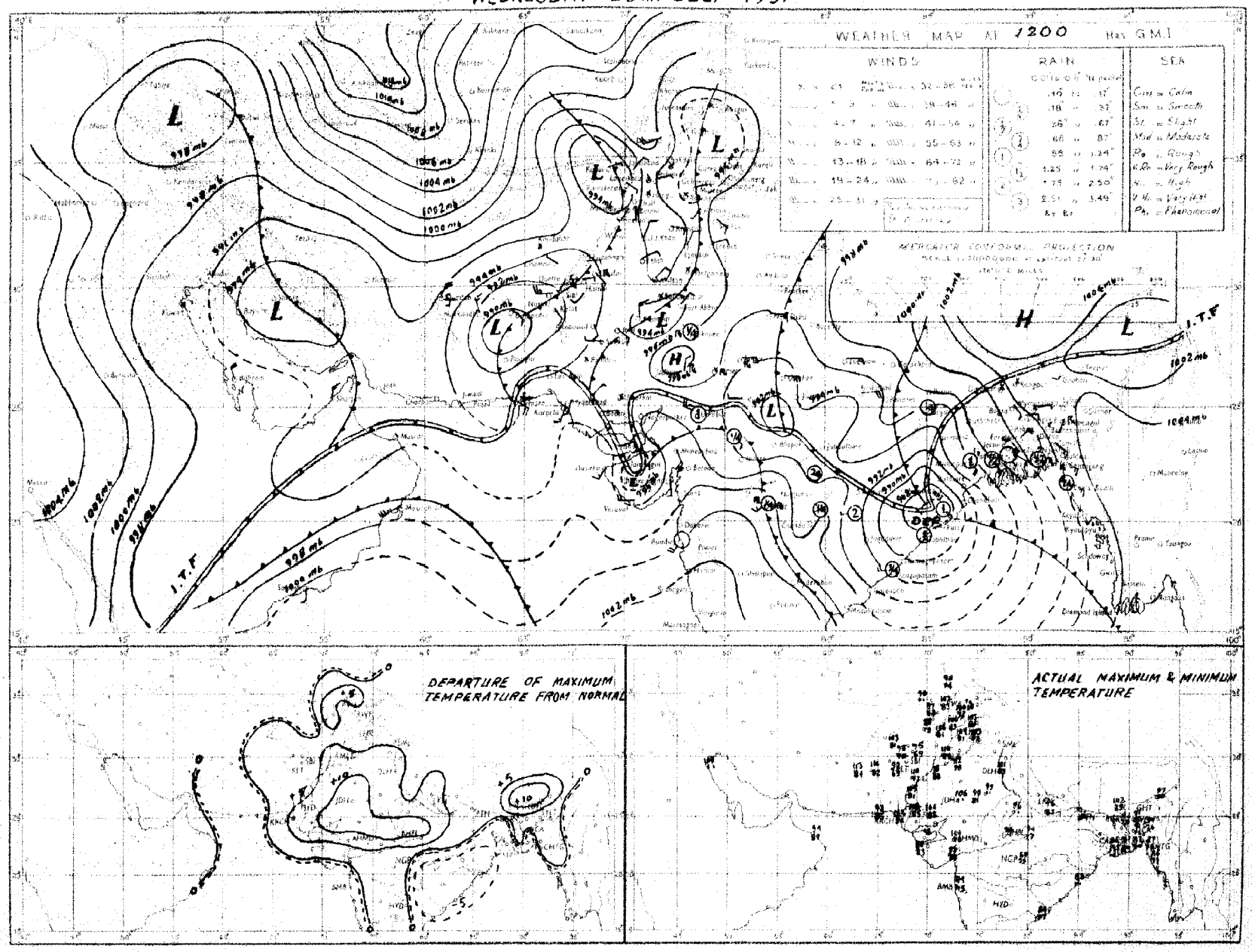
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 1.4, 2.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands of

Cloud Observation Data (iiiGG Cddv, v,)

M P. W.

PAKISTAN DAILY WEATHER MAP

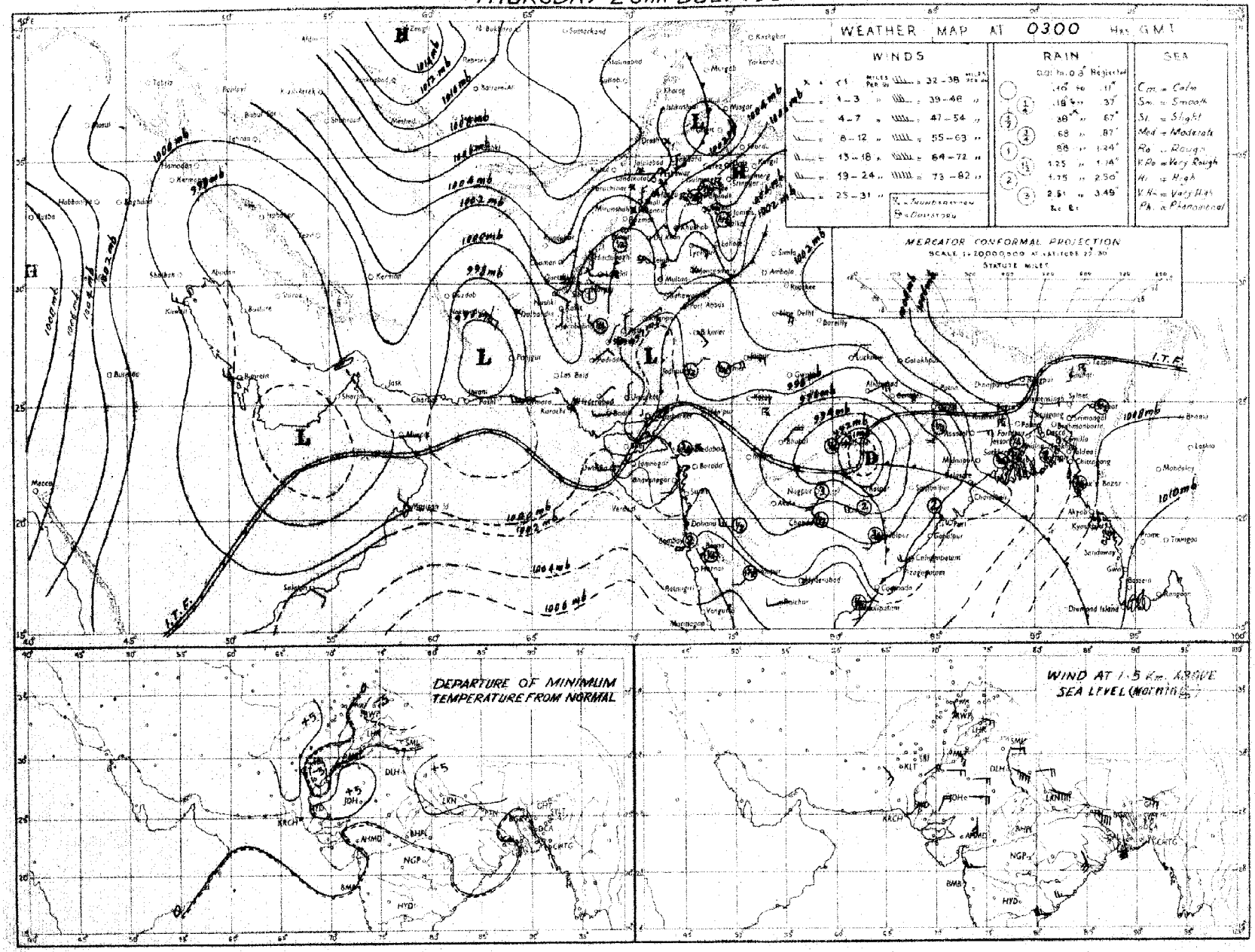
WEDNESDAY 25th JULY 1951



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 26th: JULY 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-1467

FOR FRIDAY: THE 27TH JULY, 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 the neighbourhood of Pendra moved westnorthwest-wards and lies this morning in the neighbourhood of Kotah. It is likely to move slowly westnorthwest-wards.

Latest observations from East Pakistan are scanty. Fairly widespread rain has occurred in East Pakistan. Thunderstorm/showers have been fairly widespread in the North Punjab and local in Sind. A few duststorms/dustraising winds have been reported from North Baluchistan, upper Sind and the south Punjab.

Chief amounts of rainfall are :—Srimangal 1½", Badin ¾" and Jessore, Faridpur and Umerkot ½" each recorded till today morning; and Cox's bazar, Chittagong and Comilla ½" recorded till yesterday evening.

Day temperatures were appreciably to markedly above normal in Sind and appreciably below normal in the North Punjab and the deltaic sub-division of East Pakistan.

Forecast valid until the evening of 28th :—Dust/thunderstorms followed by showers will be fairly widespread in plains of the Punjab and upper Sind and local in northeast Baluchistan. Local thunderstorms/showers will occur in the extreme north Punjab and lower Sind. Local rain will occur in East Pakistan. A few thunderstorms are also likely in the North West Frontier Province.

Karachi-11.
The 27th July, 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	020 77	8 21 03	94 03 8	042 80	3 3 4 2 0	2 × 0 87	027 79	8 18 02	05 06 5	053 81	3 8 5 3 0	9 × 0 77	+ 3	+ 1	46.2	- 15.4	55.9	140
	Chittagong	020 77	8 20 05	96 20 6	040 80	8 7 4 0 0	4 × × 85	086 78	7 16 05	97 02 5	049 82	7 8 5 0 0	5 × × 78	- 1	+ 1	45.3	+ 4.1	74.0	105
	Comilla	022 78	8 18 05	98 03 6	036 81	8 4 7 0 0	4 0 0 85	029 80	7 18 05	98 03 1	052 84	7 4 7 0 0	9 0 0 79	- 2	+ 2	48.6	+16.7	54.3	118
	Brahmanbaria	000 78	8 18 02	98 03 1	042 85	8 4 6 4 0	0 × 4 90	000 79	6 00 00	97 03 1	039 81	6 4 5 0 0	- - - 80	—	—	23.8	+ 0.2	38.7	94
	Dacca	×× 79	8 18 02	97 03 6	026 85	1 2 6 2	9 × × 87	·×× 79	6 20 05	98 20 2	030 84	6 4 5 0 0	9 × × 80	—	—	—	—	—	78
	Narayanganj	000 79	8 18 02	96 03 2	024 85	1 5 5 0 7	5 0 ⁄ 88	000 78	8 18 03	95 03 2	031 86	8 5 5 - -	9 × × 81	0	+ 3	34.8	+11.1	53.9	74
	Mymensingh	000 77	8 00 00	99 02 5	023 86	8 4 7 -	5 × × 90	000 78	8 09 02	99 02 0	040 85	8 7 4 - -	- - - 80	+ 3	+ 2	27.5	4.1	35.7	81
	Srimangal	135 78	8 18 02	96 02 9	039 75	8 5 6 × ×	5 × × 90	136 77	8 23 03	97 06 1	044 80	8 5 6 - -	- - - 76	0	0	32.5	+ 1.5	61.4	86
	Khulna	000 80	5 09 02	93 02 5	020 84	5 5 5 0 0	- - 85	000 79	4 18 02	96 02 1	048 86	4 4 7 0 0	- - - 80	- 2	+ 2	20.6	4.5	29.1	61
	Satkhira	000 84	6 00 00	96 03 5	015 84	7 9 6 6 0	9 0 × 87	000 81	7 18 02	97 02 1	026 85	5 4 7 6 0	9 0 × 79	- 1	+ 1	14.5	9.5	23.1	61
	Jessore	021 80	2 09 05	96 03 6	026 83	8 8 6 0 0	2 × × 90	021 81	6 17 03	96 02 2	032 85	6 8 6 0 0	- - - 78	—		15.7	6.9	22.8	65
	Faridpur	022 79	8 10 05	98 02 6	035 83	4 4 6 1 0	6 × × 88	022 80	6 08 09	97 01 1	045 87	4 4 6 1 0	9 × × 78	- 4	1	25.8	+ 1.8	32.6	71
	Barisal	××× 79	8 13 07	97 02 6	022 80	6 7 5 2 -	6 × × 83	××× 80	6 18 03	97 62 1	041 85	3 4 5 5 1	- - - 79	- 4	+ 1	27.6	2.2	37.1	81
	Pabna																		59
	Rampur Boalia													- 2					58
	Sirajganj	000 79	8 13 02	98 02 2	000 83	8 2 7 - -	- - - 85							- 2	+ 4	27.4	+ 3.7	34.2	64
	Bogra	000 78	5 00 00	96 01 1	019 85	3 4 6 2 0	- - - 87	000 79	7 23 02	96 02 6	038 83	4 5 5 2 -	- - - 83	0	- 6	24.9	2.3	29.1	60
	Dinajpur	000 77	8 09 02	97 02 2	032 86	0 0 9 2 0	9 0 0 90	000 77	8 09 02	96 02 2	036 83	8 4 7 0 0	9 0 0 78	—	—	46.0	+ 14.0	55.7	72
	Rangpur	000 ××	4 11 02	97 03 1	—	4 1 3 0 0	- - - —	000 ××	8 11 02	96 02 1	—	2 5 8 0 0	- - - —						86
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	002 82	4 11 02	96 01 0	974 93	0 0 9 0 4	0 5 0 95	002 81	2 11 02	96 01 9	981 89	0 0 9 2 0	9 0 3 77	6	- 5	1.4	2.8	5.7	12
	Lahore	004 75	8 02 02	96 01 6	973 93	1 1 7 7 0	9 × 7 65	004 78	4 05 02	96 01 1	991 88	0 0 9 4 0	7 × 4 80	- 4	+ 1	3.9	3.3	7.0	19
	Sialkot	000 73	7 00 00	97 08 1	972 95	1 4 6 1 0	- - - 95	000 78	3 05 02	97 01 1	040 91	0 0 8 4 0	- - - 79	1	0	3.3	6.3	8.2	32
	Jhelum	000 70	1 00 00	97 01 2	972 97	0 0 9 3 0	9 × 9 98	000 71	2 00 00	97 92 1	988 90	0 0 9 3 0	- - - 79		—	5.1		14.5	—
	Rawalpindi	000 69	1 00 00	99 01 5	979 91	0 0 9 0 1	- - 92	000 71	2 00 00	99 01 1	993 88	0 0 9 2 0	- - - 72	- 4	- 5	4.3	4.9	15.1	36
	Murree †	000 68	5 27 02	97 02 1	930 71	5 9 4 0 0	9 × × 76	000 58	3 16 05	97 01 1	932 71	0 0 9 3 0	9 × 2 56	—	—	10.2	4.6	32.6	60
	Attock	××× ××	0 02 09	96 00 0	—	0 0 9 0 0	- - - -	××× ××	0 20 95	98 00 0	—	0 0 9 0 0	- - - -	—	—				—
	Kimshab	000 69	0 11 05	99 00 0	974 95	0 0 9 0 0	- - 97	000 78	0 11 05	99 00 0	985 90	0 0 9 0 0	- - - 82	5	0	1.7	3.0	7.4	18
	Montgomery	000 74	7 00 00	96 02 1	968 99	3 5 7 7 0	9 × 0 99	000 78	0 16 02	97 00 0	981 92	0 0 9 0 0	- - - 84	4	+ 1	1.6	1.4	5.2	10
	Leiah	000 83	0 13 03	96 00 1	986 99	0 0 9 0 0	- 02	000 79	0 00 00	97 00 0	989 90	0 0 9 0 0	- 78	—	—	0.4	-	6.1	8
	Multan	000 71	8 09 05	97 01 2	972 97	0 0 9 7 0	9 9 9 99	000 67	0 09 02	97 00 1	979 91	0 0 9 0 0	9 9 9 84	2	- 1	1.4	0.7	4.4	7
	Khanpur	000 70	6 06 07	94 07 1	062 00	0 0 9 4 8	9 9 0 08	000 75	0 07 07	95 05 0	963 93	0 0 9 0 0	- - 87	+ 5	+ 4	0.2	0.9	1.9	6
	Bahawalpur	000 78	7 36 02	97 03 5	960 90	7 0 0 7 0	8 × 2 01	000 73	0 07 05	97 00 5	971 88	0 0 9 0 0	9 0 0 84	0	+ 1	0	2.2	3.1	8
	Fort Abbas	000 98	0 05 03	96 00 0	941 08	0 0 9 0 0	0 × × 10	000 73	0 05 03	96 03 1	983 95	0 0 9 0 0	0 7 0 78		—	0.3	—	13.2	3
N. W. F. P.	Drosh *	000 42	1 28 10	99 01 1	854 97	1 1 7 0 0	6 × × 99	000 58	0 00 00	96 00 0	918 78	0 0 9 0 0	- - - 75	+ 2	+ 2	1.0	—	21.2	18
	Chakdara	000 71	0 02 05	99 00 0	958 95	0 0 9 0 0	- - - 96	000 63	0 00 00	96 00 0	991 83	0 0 9 0 0	- - - 74	—	—	2.3	—	14.7	—
	Cherat *	000 64	0 18 19	97 00 1	012 88	0 0 9 0 0	6 × × ××	000 64	0 13 02	97 00 0	921 79	0 0 9 0 0	- - - 71	—	0	1.5	- 3.1	23.6	30
	Peshawar	000 67	2 05 06	96 02 1	958 01	2 1 6 0 0	- - 02	000 70	0 36 05	96 00 0	985 87	0 0 9 0 0	- - - 81	+ 1					14
	Parachinar	000 58	2 13 29	99 01 1	938 84	0 0 9 3 0	5 × 7 87	000 68	0 18 20	96 05 4	931 73	0 0 9 0 0	2 × × 64	+ 1					20
	Miranshah	000 80	8 11 05	94 44 4	018 94	0 0 0 0 0	- - 95	000 80	8 34 02	94 42 4	007 85	0 0 9 0 0	- - - 81	—	—	1.0	1.1	7.0	13
	Bannu	000 84	0 18 03	99 00 0	065 99	0 0 9 0 0	- - - 01	060 78	0 13 02	98 40 5	978 89	0 0 9 0 0	- - 86	—	—	1.2	—	6.1	11
	D. I. Khan	000 76	0 09 02	95 07 0	932 00	0 0 9 0 0	- - - 00	000 76	0 00 00	95 06 0	979 67	0 0 9 0 0	- - - 70	—	—	0.6	- 1.9	2.3	9
	Wana													—					11
	Landikotal	000 65	0 05 03	98 00 0	883 92	0 0 9 0 0	- - - 94							—					—
	Hangu	××× ××	6 00 00	97 08 1	—	0 0 9 2 0	8 × 0 —	××× ××	0 00 00	96 00 1	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	4 26 09	98 01 6	—	4 8 7 2 0	3 9 9 —							—					—
BALUCHISTAN	Fort Sandeman	000 62	3 18 14	96 02 0	890 90	0 0 9 3 ×	0 × × 97	000 60	0 00 00	95 05 4	844 82	0 0 9 0 0	4 × × 76	- 2	+ 6	0.2	- 2.2	6.1	11
	Hindubagh	000 41	6 21 09	97 02 1	907 93	6 5 6 0 0	- - 97	000 59	0 18 05	97 00 0	914 77	0 0 9 0 0	- - - 65	—	—	0	—	8.2	—
	Loralai	000 75	5 23 05	97 03 2	874 88	5 7 4 0 0	- - - 93	000 70	0 09 03	96 00 1	897 80	0 0 9 0 0	- - - 69	—	—	0.1		6.5	—
	Harnai (a)	000 ××	7 09 02	93 05 4	—	0 1 7 2 5	9 0 0 —	000 ××	0 22 02	94 05 4	—	0 0 9 0 0	- - - —	—	—	0.9	- 2.2	9.5	14
	Sibi	000 61	5 23 05	97 02 1	939 03	4 2 7 0 0	- 10	000 76	0 00 00	98 00 0	264 92	0 0 9 0 0	- - - 83	—	—	1.2	—	2.7	5
	Quetta †	000 61	6 18 02	96 07 3	918 89	0 0 9 4 7	4 0 0 92	000 65	3 20 02	97 07 4	909 77	0 0 9 0 8	9 0 × 69	—	—	0	- 0.5	8.5	9
	Chaman	000 68	0 25 05	97 00 0	865 01	0 0 9 0 0	- - 02	000 71	3 18 02	97 01 1	879 93	0 0 9 0 8	9 0 × 63	+ 2	+ 8	0	- 0.1	9.9	8
	Nushki	000 72	6 12 07	97 03 2	916 03	0 0 9 2 1	9 9 9 08	000 72	8 13 04	96 02 2	980 92	0 0 9 0 1	9 9 0 80	—	—	0	—	5.4	—
	Dalbandin *	000 53	8 29 02	94 05 4	874 09	8 2 7 0 8	- 09	000 53	0 00 00	94 05 1	887 88	0 0 9 0 0	- - 81	9	+ 3	0	- 0.1	1.8	4
	Nokkundi	000 97	0 34 09	94 05 1	906 10	0 0 9 0 0	9 × × 13	000 66	0 34 30	96 08 4	945 90	0 0 9 0 0	9 × × 86	—	—	0	—	1.0	2
	Kalat †	006 55	0 32 02	96 03 6	926 65	8 3 4 0 0	3 7 × 66	006 61	0 18 05	98 00 6	920 73	0 0 9 0 0	9 × × 65	- 5	+ 4	0.1	- 0.6	9.1	7
	Turbat	000 95	7 27 05	96 02 2	925 13	7 0 8 2 0	9 0 × 15	000 83	6 44 00	96 03 1	006 95	6 0 4 2 0	9 0 × 89	—	—	0	—	1.4	—
	Panjgur *																		5
	Las Bela																		2
	Ormara	000 83	2 25 05	97 03 0	960 95	2 0 9 2 0	- - 97	000 81	7 25 13	96 03 1	975 86	2 5 0 7 0	- - - 75	—	—	0	- 0.7	2.7	6
	Pasni	000 80	5 18 09	96 02 1	960 94	5 0 9 2 0	9 × 1 98							+ 7					6
	Jiwani																		4
SIND	Rohri	000 96	0 05 14	94 07 0	952 07	0 0 9 0 0	- - - 11	000 87	0 06 10	96 00 0	970 94	0 0 9 0 0	- - - 91	—	—	0	—	0.4	—
	Jacobabad	000 72	8 36 09	95 06 1	946 02	0 0 9 2	- - - 09	000 70	1 05 08	96 01 1	968 96	0 0 9 0 1	- - - 87	+ 2	+ 3	0.2	- 0.9	0.7	4
	Sukkur	000 75	4 02 02	96 03 1	935 05	0 0 9 6 0	- - - 09	000 76	0 16 02	95 05 1	958 89	0 0 9 0 0	9 8 8 85	—	—	0	—	0.1	4
	Pad Idan	000 69	2 31 05	98 01 1	940 07	0 0 9 0 1	- - - 08	000 75	6 36 09	94 08 1	956 92	0 0 9 7 0	9 × 9 87	—	—	0	—	0.1	—
	Karachi (Manora)	000 81	6 25 09	98 02 2	959 89	0 0 9 7 0	- - 95	005 82	8 27 18	98 03 8	972 85	3 2 6 2 0	0 × 9 83	+ 8	+ 3	0.5	- 3.0	0.6	8
	Karachi (A. P.)	000 78	4 25 10	97 01 1	953 92	0 0 9 4 1	- - 95	006 81	8 27 12	96 03 9	974 85	1 6 5 1 -	8 × × 83		—	1.6		1.7	
	Badin	000 75	6 00 00	97 03 2	941 05	0 0 9 5 0	9 8 5 07	070 79	8 23 05	97 02 6	963 85	2 8 7 2 0	9 × × 79	+14	- 3	1.6	- 2.4	1.8	9
	Nagarparkar																		
	Chhor (Umarkot)	000 84	8 31 10	97 03 1	928 04	0 4 9 0 4	- - - 09	024 82	8 23 03	97 03 1	946 85	0 3 9 0 8	- - - 82	—	—	0.8	—	0.8	—
	Hyderabad	000 78	2 05 08	97 01 1	946 05	0 0 9 7 0	- - - 03	007 81	8 00 00	96 02 1	952 88	3 0 9 0 7	- - - 84	+ 6	+ 4	0.3	- 3.7	0.5	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 88	1 02 03	98 00 0	961 90	1 8 8 0 0	- - - 93												12
	Jalalabad	000 87	1 00 02	97 03 6	981 00	0 0 9 5 0	3 × 9 01	000 87	0 00 00	95 00 0	987 80	0 0 9 0 0	9 × × 77	—	—	0.5	—	6.0	—
	Kandahar	000 70	2 00 00	98 01 1	881 96	0 0 9 0 0	- - - 05	000 62	0 00 00	97 00 0	851 74	0 0 9 0 0	- - - 82	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY THE 27TH JULY, 1951.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date.						Departures from Normal		Rainfall			
		RRR T_dT_d	N dd	VVwwW	PPPTT	$N_hC_tnC_MC_H$	$W_tD_aD_aT_xT_n$	RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_tnC_MC_H$	$W_tD_aD_aT_nT_n$	T_x T_x	T_n T_n	Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
13	1	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 81	0 11 02	99 09 9	969 88	0 0 9 0 0	- - - 89	000 81	6 09 02	99 03 1	936 84	0 0 9 0 0	- - - 84	- 8	- 2	0	0.1	2.3	4
	Shariab																		4
	Kuwait	000 xx	0 09 02	96 00 0	971 99	0 0 9 0 0	- - - 07	000 xx	0 27 05	97 00 0	988 94	0 0 9 0 0	- - - 07	—	0	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 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 Control, 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_aL_a l_ah_a	L_oL_o GG	N dd ff	VV ww W	PPP TT	N_hC_Lh C_MC_H	D_sv_sapp	8 N_sC $h_sh_sh_s$	0 T_xT_x T_dT_d	1 $d_wd_wP_wH_w$	SHIP	YQ L_aL_a l_ah_a	L_oL_o GG	N dd ff	VV ww W	PPP TT	N_hC_Lh C_MC_H	D_sv_sapp	8 N_sC $h_sh_sh_s$	0 T_xT_x T_dT_d	1 $d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
City of Captown	58 221	630 06	6 05 14	99 01 1	956 62	35 6 03	1 4 310		0 03 70												
Khosrou ...	68 188	709 12	8 26 18	96 25 0	999 82	87 8 05	6 2 30		0 00 78	1 25 44											

Radio-Sonde Data (Temperatures in °C)

of previous day.

TATION /TEMP	CODE:—	iiiGG	$P_oP_oP_oT_oT_o$	$T_dT_doT_xoX_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_d_1T_d_1T_{x1}$ etc.	5555	$h_1h_1P_1P_1P_1$	$T_1T_1T_d_1T_d_1T_{x1}$ etc.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	780 15	995 29	265 60	854 69	272 11	709 27	170 52	509 48	049 91	555 55	809 00	282 31	658 00	251 78	466 09	115 14	494 18	609 00	564 00	619 90	695 80	639 97			

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. ††										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	18	19	20	21	22	23	24	25
Begra	14 11	14 14	15 16	19 09	19 15	21 15					16 17	17 21	18 23	20 21	89 20		10 15	21 17	21 16	82 16				
Chhor	05 10	05 09	05 14	09 21													20 12	20 12	04 17	04 14				
Chittagong																	16 10	19 15	21 11	21 10	22 14	25 13		
Om's Bazar	17 55	18 17	19 15	19 15	20 19										18 19		15 17	19 14	20 13	21 13	27 08	26 07	30 09	
Dacca	17 09	19 18	19 13												87 03	04 10	20 15	21 10						
Dalbandin			13 10	25 10	25 01	18 04							18 10	19 15	24 02	01 03			16 03	80 03	01 07	02 17		
Dhar					09 08	36 04	36 10	02 18							21 14	22 13					04 08	34 02	30 10	01 17
Fort Sandeman				23 04	09 05	08 11	35 19							35 19							21 02	24 03	01 12	05 21
Jacobabad	13 05	03 08	08 09	07 12							06 09	06 10	06 09	03 18			05 05	06 08	06 10	06 05	03 09	02 17	01 22	
Jhelum	33 01	03 04	09 04	12 07	05 05	06 10	11 04	28 08			34 02	34 04	02 02	09 04	15 06	10 11	32 02	13 07	13 08	13 10	10 09	12 13	17 19	19 08
Siwani																								
Karachi	24 13	17 04	82 09								27 14	28 15	29 15	36 08	84 20		36 35	20 37	35 19					
Khanpur	05 15	06 13									04 20		06 15	08 17	11 13									
Lahore	32 08	34 08	30 07	25 10	20 09	18 09	24 10				15 05	17 07	21 06	21 13	10 14	21 12	07 08	15 15	15 17	15 10	21 03	21 10		
Multan	05 04	04 04	04 05	07 08	08 12	06 13					07 12	04 09	03 05	04 08	10 05		09 21	09 17	09 17	04 09	34 06	34 06	02 28	
Peshawar		10 08	10 02	16 09	16 09	21 12	05 18	06 67				01 05	25 05	25 06	24 02	24 01		84 08	84 10	04 05	32 06	33 14	08 25	25 11
Quetta					22 08	05 02	26 05								28 16						34 04	32 10	25 10	
Bushire																								
Shariah																								

Cloud Observation Data (iiiGG Cddv. v.)

Lahore 64008 418xx

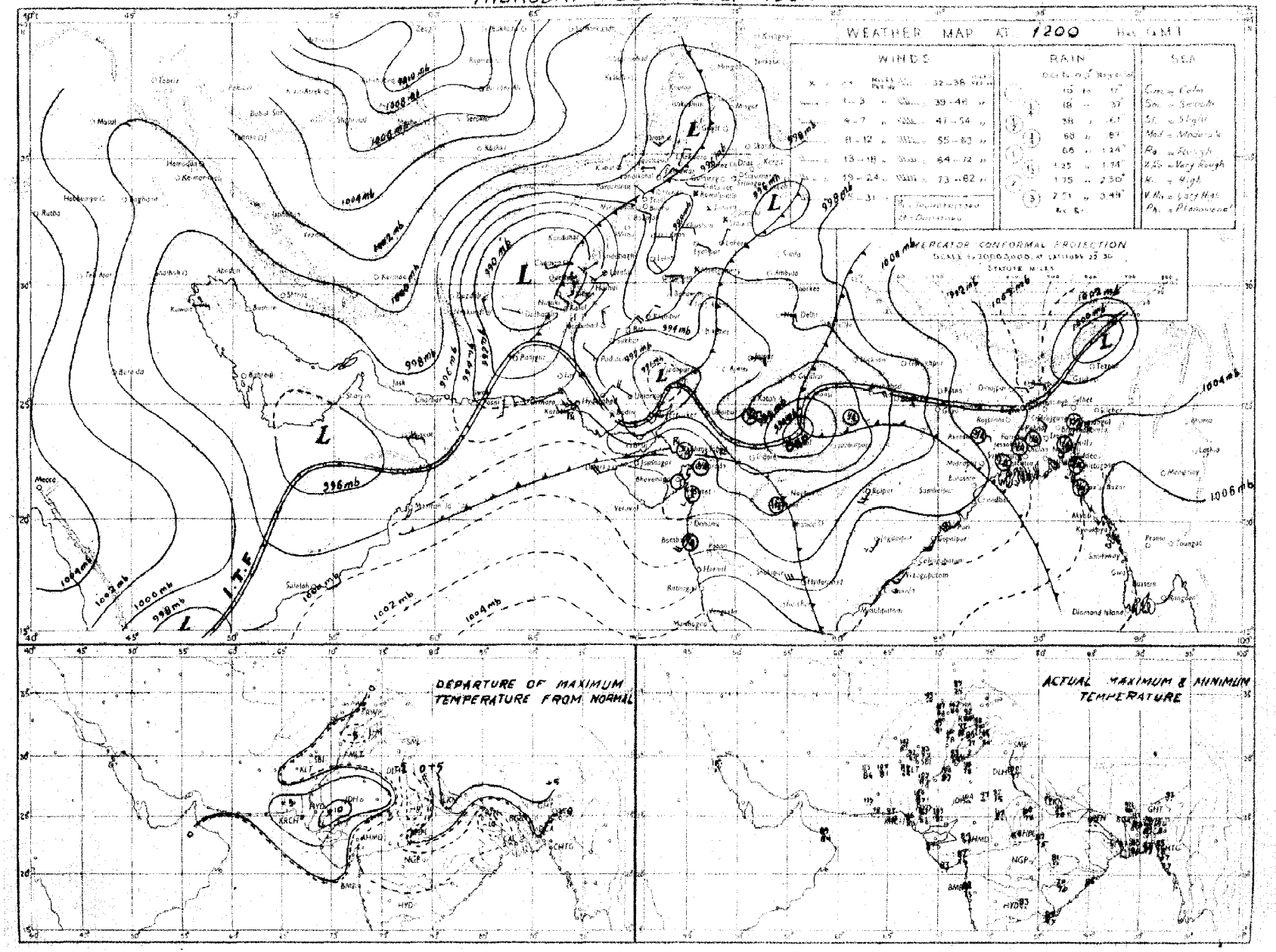
Lahore 64008 419xx

* 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

N. P. W.

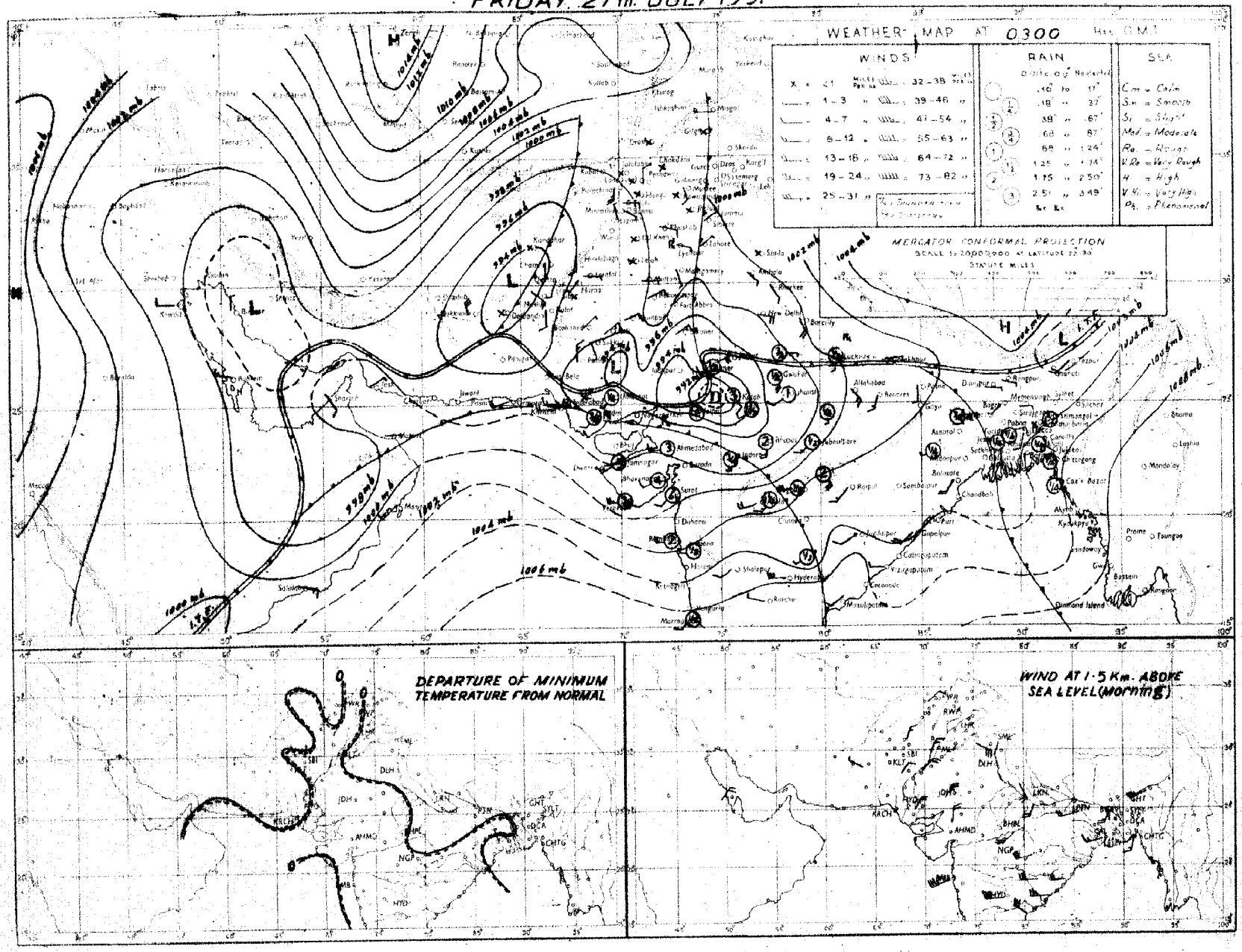
PAKISTAN DAILY WEATHER MAP

THURSDAY 26th JULY 1951.



PAKISTAN DAILY WEATHER MAP

FRIDAY, 27th JULY 1951



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

Monthly Subscription
Pages 1—2
Pages 1—4

Regd. No. S-1467

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 28TH JULY, 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 the neighbourhood of Kotah moved northnorthwestwards, weakened and lies this morning as a shallow depression 30 miles east of Bikauer. It is likely to move north or northnortheastwards and weaken further. Its associated trough lies over upper Sind and the south Punjab.

A trough extends from head Bay to southeast Bay.

Fairly widespread rain has occurred in East Pakistan. Thunderstorms/showers have been fairly widespread in the north Punjab, local in Sind and scattered in the upper North-West Frontier Province and northeast Baluchistan. Scattered duststorms/dustraising winds and few light showers have also been reported from the south Punjab, the lower North-West Frontier Province Baluchistan and Sind.

Chief amounts of rainfall are :—Comilla 5" ; Rangpur, Cox's Bazar and Narayanganj 1½" each ; Khulna 1"; Sialkot, Rawalpindi, Lahore, Murree, Leiah and Umarkot ½" each ; and Faridpur, Chittagong Layallpur and Loralai ½" each.

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

Forecast valid until the evening of 29th :—Widespread and locally moderate to heavy rain/thundershowers will occur in the north Punjab, Kashmir and lecal dust/thunderstorms accompanied with showers in the North-West Frontier Province, the south Punjab, upper Sind and northeast Baluchitan. Local duststorms/dustraising winds will occur in rest of Baluchistan and lower Sind. There will be low clouds along Sind-Makran coast. Fairly widespread rain will occur in East Pakistan.

Karachi-11.
The 28th July, 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$_M$C$_H$	W$_t$D$_L$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$_M$C$_H$	W$_t$D$_L$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	050 78	8 18 03	98 03 6	032 80	4 6 4 2 0	4 × 0 87	160 77	8 00 00	94 61 6	058 77	8 6 4 2 0	- - - 76	+ 2	8	47.8	-15.3	57.6	140
	Chittagong	000 78	8 18 09	96 02 1	025 8	8 8 5	- 87	027 77	8 18 09	96 50 8	027 78	8 8 5 0 0	9 × × 78	+ 1	+ 1	45.6	+ 3.4	74.3	165
	Comilla	060 80	8 15 09	98 02 6	014 82	8 5 7 - -	2 0 0 82	527 79	× 13 12	98 01 6	025 80	8 5 7 - -	9 0 0 78	- 5	+ 1	58.9	+21.4	54.5	118
	Brahmanbaria	000 81	8 13 05	97 03 1	012 85	× 4 6 2 0	0 × 4 88	035 79	8 18 02	96 08 6	027 80	8 4 5 - -	2 × × 73	—	—	24.2	+ 0 1	23.1	84
	Dacca	××× 80	8 23 01	96 02 2	000 85	4 4 6 2	8 × × 89	××× 80	8 00 00	95 61 6	023 80	5 5 4 2 -	9 × × 75	—		—		—	79
	Narayanganj	000 78	8 18 02	95 03 2	001 85	9 5 5 2 -	9 × 0 91	128 82	8 18 02	95 61 6	026 73	2 5 5 × 7	5 0 × 67	+ 3	-12	30.1	+11 9	55.2	76
	Mymensingh	000 77	8 00 00	99 02 2	023 86	8 4 7 - -	- - 90	000 81	8 09 02	98 02 2	024 84	8 6 6 - -	- - - 80	+ 3	+ 2	27 5	4.7	35.7	91
	Srimangal	000 72	8 00 00	97 03 6	011 82	8 5 7 - -	4 × × 88	000 77	8 18 03	96 02 6	040 80	8 7 7 - -	9 × × 79	- 2	+ 3	32.5	+ 1.1	61.4	98
	Khulna	000 81	7 13 02	95 50 0	003 87	7 7 5 - -	- - 93	115 81	8 28 02	96 50 2	015 84	8 4 6 0 0	- - - 80	+ 5	+ 2	20 7	- 1 3	29.3	63
	Satkhira	000 81	7 00 00	97 03 1	000 83	4 9 6 6 0	9 0 × 92	909 81	8 23 02	96 02 2	024 84	6 4 8 8 0	9 0 × 79	+ 5	+ 1	14.5	- 9 9	23 1	65
	Jessore	000 80	8 23 02	96 02 2	000 90	8 8 6	- 94	000 78	8 31 05	96 61 2	026 82	8 7 6 -	- - ××	—		15.8	- 7 4	22.9	65
	Faridpur	000 81	8 06 05	96 06 6	994 85	5 4 6 1 0	8 × × 85	025 82	8 00 00	96 61 9	027 83	6 6 5 1 0	3 × × 82	2	- 3	25.6	+ 2 5	32 9	71
	Barisal	××× 81	8 18 05	97 03 1	002 87	3 7 5 7 8	- - - 90							+ 3					81
	Pabna																		58
	Rampur Boalia																		56
	Sirajganj	000 80	8 00 00	98 02 2	983 83	8 4 7 6 6	- - - 88	015 88	8 00 00	98 02 2	019 83	8 7 6 - -	1 0 0 83	+ 1	+ 4	37.6	+14.9	38.1	64
	Bogra	000 80	5 00 00	96 01 1	985 83	0 0 8 4 0	- - - 89	000 81	8 23 02	56 51 5	014 83	2 5 6 1 -	- - - 83	0	+ 4	27 4	+ 5 1	34.3	69
	Dinajpur							000 80	8 00 00	97 03 2	064 88	8 4 7 - -	9 0 0 80		+ 1	24.9	- 2.3	29.1	72
	Rangpur	016 ××	8 00 00	96 51 5	— —	8 5 8 0 0	- - - —	128 ××	8 00 00	96 62 2	— —	8 5 6 - -	- - - —	—	—	47.3	+14.8	56.9	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Allabad																		-
PUNJAB	Lyallpur	000 88	5 13 02	96 02 0	930 02	0 0 9 4 0	0 0 3 08	023 80	7 29 05	95 50 6	976 80	7 7 8 - -	1 0 0 79	+ 2	- 8	1.7	- 2 1	5 7	13
	Lahore	000 76	7 05 03	96 02 2	942 95	1 4 7 7 0	6 × 9 00	050 74	8 04 07	95 68 6	984 75	4 6 8 2 -	7 × 9 ××	+ 1	—	3.5	- 3 0	7.5	18
	Sialkot	000 72	8 13 02	97 03 1	942 98	4 4 6 4 0	- - 00	052 72	3 00 00	96 58 6	992 74	8 5 6 - -	6 9 9 73	+ 4	- 6	3.8	6.1	8.7	32
	Jhelum	000 76	3 00 00	97 03 9	945 99	3 1 8 0 0	2 < × 02	000 79	8 13 07	97 92 9	979 80	7 9 7 7 8	9 × 9 ××		—	5 1		14 5	—
	Rawalpindi	000 69	4 18 02	98 01 1	938 97	4 2 7 0 0	- - 99	050 71	8 00 00	99 50 9	007 72	8 9 5 - -	6 - 72	+ 3	- 5	4 8	- 4 7	15.6	26
	Murree †	000 60	6 23 08	96 02 1	911 75	6 9 4 0 0	9 × × 78	059 65	8 09 05	96 66 4	003 58	-	4 - - 57		—	10.6	4 4	33 2	59
	Attock	××× ××	0 07 05	97 00 0	—	0 0 9 0 0	- - - -	××× ××	× 02 09	97 00 0	---	0 0 9 0 0	- - - -	—		—	—		—
	Khushab	000 70	0 11 05	99 00 0	984 01	0 0 9 0 0	- - 02	000 77	7 11 13	97 03 1	974 88	7 2 6 - -	- - - 86	0	+ 4	1.7	- 3.1	7.4	14
	Montgomery	000 72	6 04 03	96 01 1	928 01	1 1 8 2 3	0 0 0 03	009 78	8 00 00	96 52 5	973 80	6 7 6 8 0	9 0 80	0	- 8	1.6	- 2 5	5.2	10
	Leiah	042 76	8 05 03	96 60 5	940 77	0 0 9 1 0	5 0 6 99	042 82	0 13 03	97 00 0	960 84	0 0 9 0 0	- 84	—	—	8.8	—	6 5	8
	Multan	000 46	0 36 03	97 00 0	940 05	0 0 9 0 0	- - 05	000 76	0 18 02	97 00 1	973 89	0 0 9 0 0	9 9 9 86	+ 5	- 1	1.4	- 0 9	4 4	7
	Khanpur	000 71	6 09 19	93 01 1	923 99	4 4 7 5 0	9 × 9 09	000 66	6 05 02	94 07 1	951 91	9 0 9 9 8	9 0 9 87	+ 6	+ 4	0.2	- 2 0	1.9	6
	Bahawalpur	000 78	6 36 02	97 03 1	930 03	0 0 9 7 0	6 × 2 04	000 79	7 09 02	97 03 1	972 89	0 0 9 7 0	2 × 9 84	+ 3	- 13	0	2.3	3 1	6
	Fort Abbas	000 75	0 18 09	96 03 1	001 99	0 0 9 0 0	0 × × 05	009 72	2 31 02	86 03 1	971 81	× × × × ×	0 6 0 70		—	0 3	—	1.2	8
N. W. F. P.	Drosh *	000 46	2 25 10	98 01 1	825 91	2 2 6 0 0	6 × × 98	000 56	0 00 00	99 00 9	892 79	0 0 9 0 0	- - - 72	1	- 1	1.0	—	21.2	18
	Chakdara	000 71	0 09 05	99 00 0	910 99	0 0 9 0 0	- - 00	000 69	0 09 08	98 00 0	980 75	0 0 9 0 0	- - - 71		—	2.3	—	14.7	—
	Cherat *	000 67	6 18 04	97 80 9	303 84	6 9 × 0 0	- - - ××	006 62	0 18 05	97 00 1	935 74	0 0 9 0 0	1 × 9 70	—	- 1	1.6	- 3.1	23.6	28
	Peshawar	000 68	4 05 02	95 05 1	917 01	3 3 6 0 0	- - - 05	000 67	0 05 05	96 00 1	969 87	0 0 9 0 0	- - - 79	+ 4	1	0.4	- 1 0	7 7	14
	Parachinar	000 56	6 13 02	96 02 2	901 85	2 2 7 6 0	5 × 7 88	000 56	0 13 02	96 00 1	904 74	0 0 9 0 0	6 - - 68	+ 2	6	4.3	—	22.6	28
	Miranshah	000 69	6 13 03	95 42 4	881 95	6 × 7 0 0	07	000 80	0 00 00	97 00 0	862 84	0 0 9 0 0	- - - 81	—	—	1 0	1.2	7.9	19
	Bannu	000 75	0 04 00	99 00 0	940 04	0 0 9 0 0	- - - 04	060 78	0 00 00	99 00 0	963 88	0 0 9 0 0	- - 84	—	—	1.2	—	6.1	11
	D. I. Khan	000 73	0 20 02	96 00 0	088 01	0 0 9 0 0	- - - 04	000 77	0 05 02	96 06 0	××× 90	0 0 9 0 0	- - - 81	—	—	0 6	- 3 1	3.3	9
	Wana																		13
	Landikotal	000 63	2 05 03	98 02 1	859 96	2 1 6 0 0	- - - 98	000 98	0 18 02	99 00 1	876 82	0 0 9 0 0	- - - 79	—	—	0.5	—	10.1	—
	Hangu	××× ××	0 00 00	97 00 8	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—		—	—
	Thull	××× ××	× 00 00	97 03 1	— —	8 8 7 8 1	- - - —	××× ××	3 16 09	98 01 1	— —	1 6 7 8 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 25	8 05 07	95 03 1	860 95	8 7 6 0 0	5 × × 97	000 56	0 00 00	95 05 0	780 82	0 0 9 0 0	0 × × 77	- 2	+ 11	0.2	- 2.3	6.1	11
	Hindubagh	000 27	7 09 12	97 03 1	872 30	7 5 6 0 0	- - 97	000 61	0 09 10	98 00 0	897 80	0 0 9 0 0	- - - 70	—	—	0	—	8.3	—
	Loralai	031 70	6 23 05	97 17 9	874 76	6 7 3 -	- - - 92	031 71	0 00 00	97 00 9	897 78	0 0 9 0 0	- - - 70	—	—	0.4		6 8	—
	Harnai (a)	000 ××	8 09 03	94 02 4	--- —	0 0 9 3 5	- - - —	000 ××	8 00 00	94 02 2	—	6 0 8 2 0	- - - -			0.9	- 2.5	9.4	14
	Sibi	000 86	4 13 05	98 09 1	922 99	0 0 9 7 0	- - - 10	000 73	0 00 00	98 00 0	945 96	0 0 9 0 0	- - - 63	—	—	1.2	—	2.7	5
	Quetta †	000 64	3 18 07	97 07 4	886 90	0 0 9 3 8	- - - 05	000 65	0 00 00	97 10 0	898 77	0 0 9 0 0	- - - 69		—	0	- 0 5	8.5	9
	Chaman	000 79	0 21 05	97 00 0	848 01	0 0 9 0 0	- - 08	000 61	0 23 03	97 00 0	874 83	0 0 9 0 0	- - - 77	+ 3	+ 2	0	- 0.1	9.9	9
	Nushki	000 42	3 27 06	97 01 1	890 10	0 0 9 0 1	9 0 0 11	000 59	0 09 07	97 00 0	931 90	0 0 9 0 0	- - - 85		—	0	—	5 4	—
	Dalbandin *	000 66	0 29 03	95 05 0	856 10	0 0 9 0 0	- - - 12	000 36	0 00 00	95 05 0	857 82	0 0 9 0 0	- - - 79	+ 3	+ 1	0	0 1	1.8	4
	Nokkundi	000 81	0 31 13	97 05 1	804 03	0 0 9 0 0	9 × × 11	000 67	0 34 18	98 07 1	944 85	0 0 9 0 0	- - - 82	—	—	0		0.9	3
	Kalat †	000 65	8 05 05	98 03 0	004 84	3 3 4 0 0	- - - 01	006 55	0 18 05	98 00 0	913 70	0 0 9 0 0	- - - 61	0	0	0.1	0.7	0.1	7
	Turbat																		—
	Panjgur *	000 38	1 31 07	97 03 1	370 03	0 0 9 0 1	9 5 × 04							+ 1					3
	Las Bela																		3
	Ormara	000 82	5 25 24	96 07 1	961 87	3 5 6 4 0	- - 83	000 78	7 25 13	94 05 1	006 84	7 5 6 -	- - - 82	—	—	0	- 0.7	2.7	4
	Pasni	000 80	6 28 09	96 02 1	996 87	6 4 6 0 0	9 × × 91	000 76	8 20 08	96 02 1	004 85	0 0 9 2 2	9 × × 82	0	+ 4	0			4
	Jiwani																		4
SIND	Reti	000 99	0 05 09	94 00 0	926 09	0 0 9 0 0	- - - 10	000 86	8 28 09	96 02 2	964 40	0 0 9 2 0	- - 88	—	—	0	—	0.4	—
	Jacobabad	000 46	1 25 03	96 05 0	916 11	1 5 6 0 0	- - - 11	000 77	7 18 07	96 01 2	958 92	0 0 9 7 -	- - - 90	+ 4	+ 6	0.2	0.9	0.7	4
	Sukkur	000 60	4 05 03	96 02 1	915 07	0 0 9 5 0	- - - 07	000 80	7 20 02	96 03 1	952 82	0 0 9 6 0	- - - 83	—	—	0	—	0.5	4
	Pad Idan	000 70	7 20 05	97 03 1	919 04	1 5 7 7 0	- - - 07	000 74	7 05 09	98 02 1	949 89	7 5 7 0 0	- - - 87	—	—	0	—	0.1	—
	Karachi (Manora)	000 81	3 25 13	93 02 2	952 87	8 6 4 - -	- - - 89	000 79	8 25 13	94 10 2	004 83	2 6 4 2 0	- - - 82	+ 2	+ 2	0.5	- 3 3	0 5	8
	Karachi (A. P.)	000 80	2 23 23	95 07 1	955 89	1 6 4 0 0	- - - 95	000 78	8 27 21	96 20 5	004 84	8 6 4 - -	- - - 81	—	—	1.8		1.7	
	Badin	003 81	8 ×× ××	97 02 3	027 97	8 8 7 0 0	- - - 96	003 78	8 23 07	97 03 2	992 82	0 0 9 5 0	- - - 78	+ 5	+ 2	2.3	- 1.6	2.5	9
	Nagarparkar																		
	Chhor (Umarkot)	013 83	9 07 12	97 03 1	999 00	× × × × ×	- - - 00	033 81	6 27 09	97 03 1	973 84	× 4 8 4 0	- - - 77	—	—	0.8	—	0.5	—
	Hyderabad	000 80	8 23 10	96 02 2	937 93	0 0 9 2 0	- - - 06	013 76	8 27 09	96 02 1	977 85	0 0 9 0 0	- - - 80	+ 9	0	0.4	- 3.7	0.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 30	1 02 03	98 00 0	945 87	0 0 9 1 0	- - - 01							—					12
	Jalalabad	000 46	0 00 00	97 02 6	979 01	0 0 9 5 0	3 × 9 05	000 51	0 00 00	97 00 1	974 77	0 0 9 0 0	9 × × 76	—	—	0.5	—	6.9	—
	Kandahar	000 61	1 00 00	98 01 1	801 00	0 0 9 0 0	- - - 05	000 59	0 00 00	97 00 0	888 80	0 0 9 0 0	- - - 67	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY THE 28TH JULY, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_BD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP.TT	$N_hC_LhO_MC_H$	$W_1D_BD_MT_xT_n$	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
11	8	5	6	6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharba:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Masca:	000 82	0 09 02	99 00 1	064 39	9 0 2 8 0	- - - 91	000 39	6 88 00	99 88 1	978 87	0 0 9 2 0	- - - 84	- 1	- 2	0	0.2	2.9	4
	Sharjah																		4
	Kuwait	000 xx	0 80 00	96 00 0	047 03	9 0 9 0 0	- - - 13	000 xx	0 27 02	97 00 0	081 98	0 0 0 0 0	- - - xx	...	...	0	...	1.5	1

* 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 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 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 Control, 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_a	L_oL_oGG	N dd ff	VV ww W	PPP TT	$N_hC_Lh\,C_MC_H$	D_s v_s 8PP	8 N_s C $h_sh_sh_s$	O T_sT_s T_dT_d	1 $d_wd_wP_wH_w$	SHIP	YQ L_aL_a	L_oL_oGG	N dd ff	VV ww W	PPP TT	$N_hC_Lh\,C_MC_H$	D_s v_s 8PP	8 N_s C $h_sh_sh_s$	O T_sT_s T_dT_d	1 $d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Clanurgular	63 118	601 06	5 20 25	98 03 1	072 81	00 9 7x	2 5 120		0 04 xx	1 21 x9											
Grauje	63 087	722 06	6 24 05	98 02 0	130 82	21 5 09	6 7 801		0 0x 77												
Empire Windrass	63 088	728 12	x 00 09	98 08 0		24 4 82	1 1 x06														
Bennevis	63 184	646 12	8 22 20	98 08 2	061 82	22 5 69	4 8 804		0 01 86	1 22 86											
Orange	63 091	708 12	7 23 09	98 05 0	089 82	21 4 07	6 7 826		0 01 78	1 20 44											

Radio-Sonde Data (Temperatures in °C)

of previous day.

TATION \ TEMP	CODE :—	iiiGG	$P_oP_oP_oT_oT_o$	$T_dT_dT_xT_xX_1X_2$	$P_tP_th_th_th_t$	$T_xT_xT_dT_dT_{xx}$ etc.	5555	$h_th_tP_tP_tP_t$	$T_xT_xT_dT_dT_{xx}$ 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 15	996 80	261 60	854 61	801 87	700 10	151 88	509 15	539 01	301 89	939 96	309 00	231 92	685 00	191 77	486 00	885 02	484 00	619 94	573 50	689 97	622 59	849 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	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	21 09	22 10	23 14	25 15	25 17	26 15						18 23	21 21	22 19	25 18	26 12	28 14								
Dhhor	27 06	01 10	01 15	02 26	02 27													26 23	25 43						
Chittagong	26 10											19 17	21 12												
Cox's Bazar																									
Dacca	29 10	21 09	22 07	26 05								23 21	23 11					25 15	24 19	24 18	24 17				
Dalbandin			26 05	26 03	01 03	08 09														24 04	18 06	25 05	26 13		
Dhubri															01 04	20 06					22 01	25 12	05 13		
Port Bandeman				23 14	13 07	24 06									08 03	25 04	24 08				23 01	06 02	25 06	02 15	25 29
Jacobabac	08 07	06 08	06 07	08 07	07 09	03 17	26 15					17 12	16 10	12 08	18 04	05 04	01 15	17 04	16 06	19 06	27 04	29 09	25 16	26 15	
Jhelum												11 06	17 11	18 11	20 07	23 05									
Jiwani																									
Karachi	21 18	24 09	24 10	29 15	02 11	05 17						26 24	29 24	26 23				26 26	29 33						
Khanpur	04 08	04 29	04 18	05 13								11 23	11 17		11 18			09 02	29 05	23 04	25 13	26 21			
Lahore	16 10	18 12	14 11	15 09	23 15																				
Multan			25 10	04 12	02 15	08 18	05 23	16 04				14 14	14 17	12 13	08 04	26 15		18 13	16 04	20 02	01 10	02 29	08 27		
Peshawa:		05 04	07 04	28 03	20 08	24 05	25 11	22 09	29 19				16 06	18 19	21 09	21 51	22 06			07 05	00 25	23 25	21 15	01 18	
Quetta					25 02											23 24						17 09	24 09	26 21	
Bughre																									
Sharjah																									

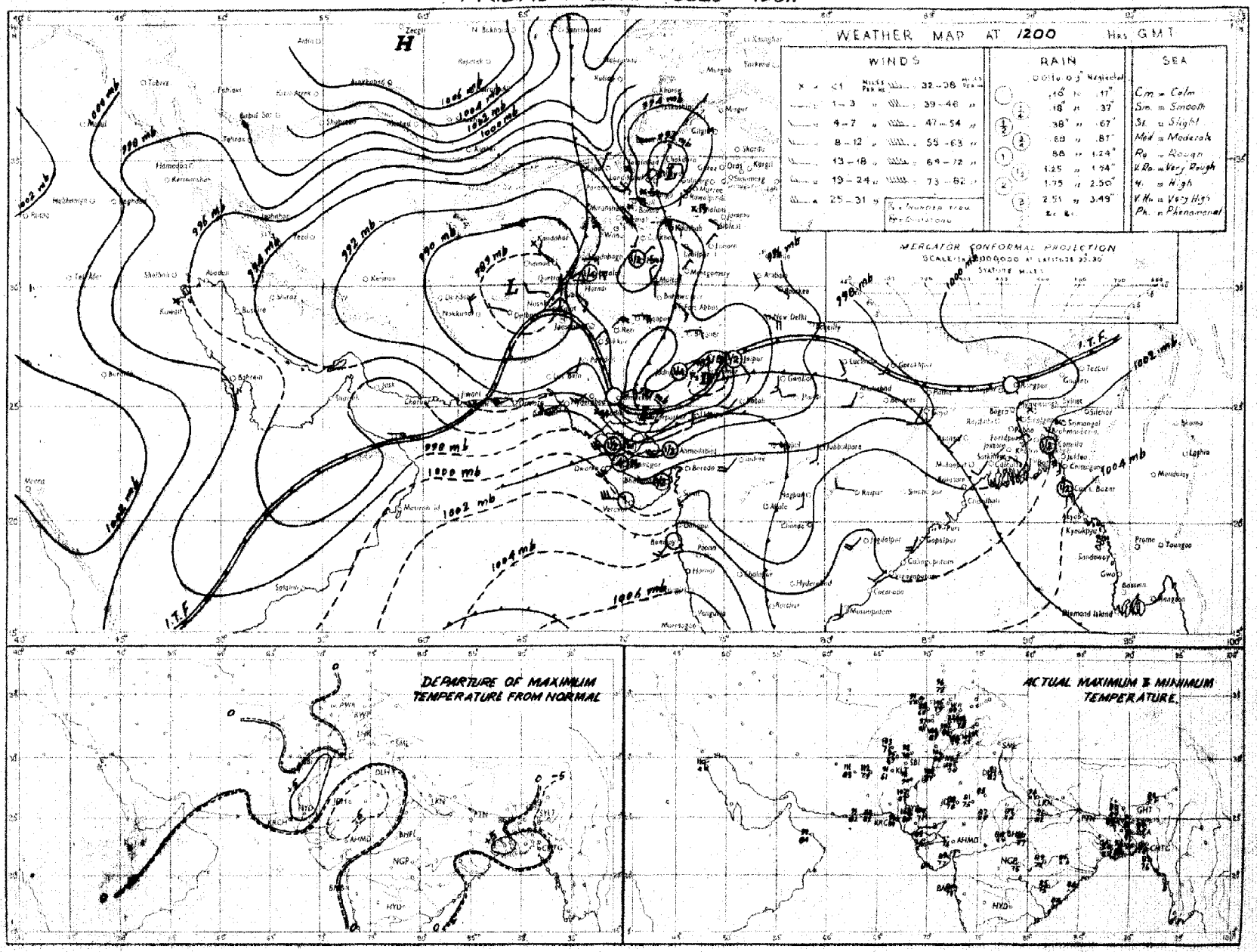
Cloud Observation Data (iiiGG Cddv, v_v)

* 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 times.
†† The correct levels to which the upper winds relate are 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

M. P. W.

PAKISTAN DAILY WEATHER MAP

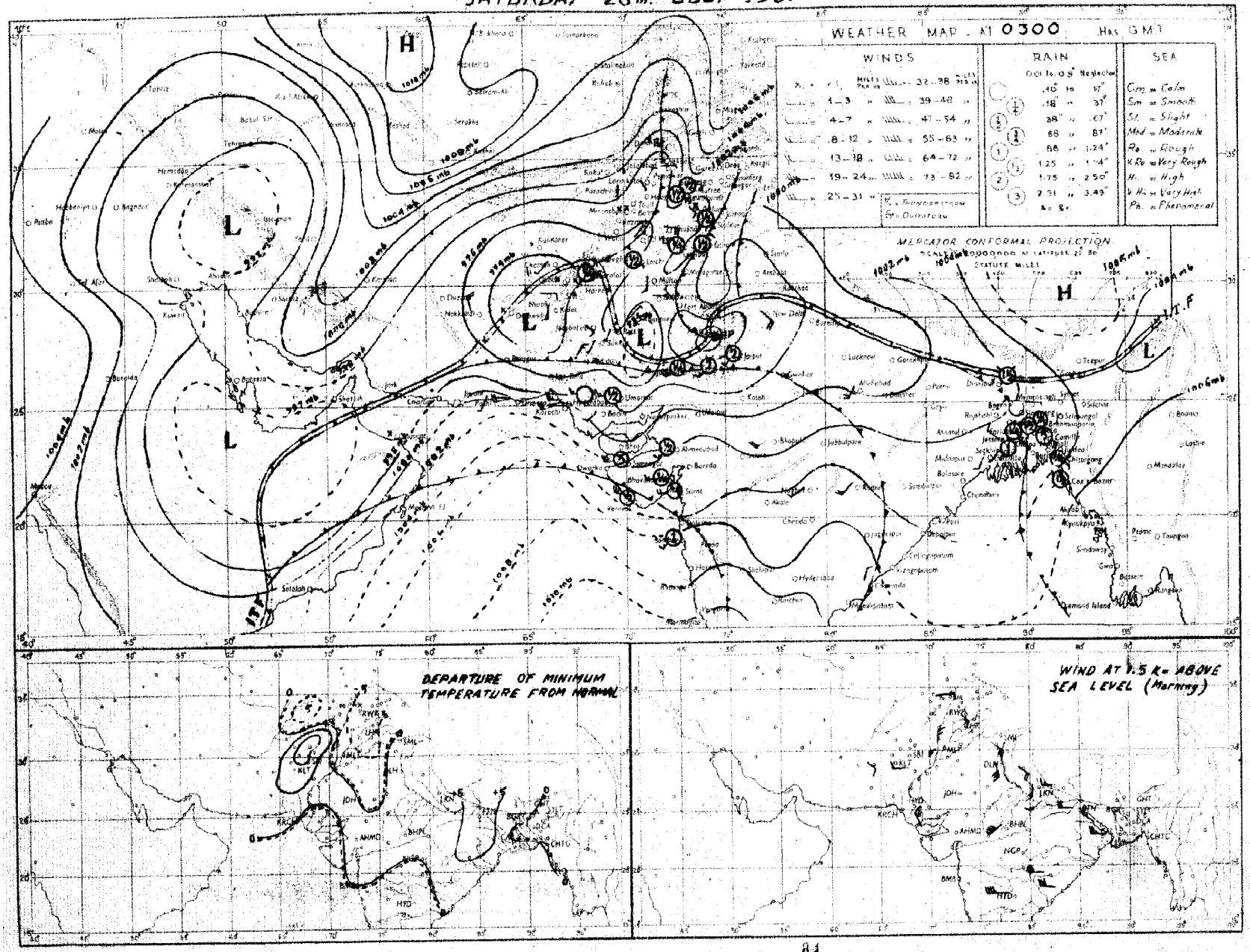
FRIDAY 27th. JULY 1951.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 28th JULY 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-1467

FOR SUNDAY, THE 29TH JULY, 1951

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

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

Yesterday's shallow depression in the neighbourhood of Bikaner moved north-north east wards and is filling up this morning over Kumaon hills.

A well marked trough lies in north Bay, where a depression is forming.

Pressure gradient is steep over south Baluchistan and lower Sind.

Wide spread rain has occurred in East Pakistan and the north Punjab. Scattered dust/thunder storms have occurred in northeast Baluchistan and the lower North-West Frontier Province. Scattered rain/drizzle and dust raising winds have been roported from the south Punjab, south Baluchistan and Sind.

Chief amounts of rainfall are:—Comilla and Khulna 4" each, Lahore 3", Satkhira 2", Dinajpur 1½", Narayanganj and Srimangal ¾" each, Sialkot and Rangpur ½" each and Faridpur, Sirajganj and Multan ¼" each.

Day temperatures were markedly to considerably below normal in the north Punjab and the Northern sub-division of East-Pakistan.

Forecast valid until the evening of 30th:—Rain/thunder showers will be fairly widespread in East Pakistan, and local in the North Punjab and Kashmir. A few dust/thunder storms will occur in the south Punjab and the North-West Frontier Province. Dust raising winds will occur elsewhere in West Pakistan.

Karachi-11.
The 29th July, 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	$N_hC_Lh C_MC_H$	$W_tD_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date: RRRT$_d$T$_d$	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 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	4 00 00	95 02 6	032 81	2 8 5 8 1	9 0 0 85	000 78	8 00 00	94 50 5	047 88	2 6 6 2 0	3 × 0 77	0	6	47.8	+ 4.8	57.5	140
	Chittagong	000 76	6 18 09	97 02 5	028 88	3 2 5 4 9	6 × × 85	000 78	5 13 05	97 02 1	040 84	3 2 5 8 9	0 9 9 77	- 1	0	45.6	+ 2 5	74.3	105
	Comilla	270 79	8 18 09	98 03 6	021 83	8 5 7 - -	7 0 0 84	415 79	8 13 05	98 01 6	038 80	8 5 7 - -	4 0 0 78	- 3	+ 1	58.1	+25.8	58.7	118
	Brahmanbaria	000 79	6 18 02	97 93 1	014 82	6 4 5 0 0	- - - 88	000 79	5 13 02	96 03 1	038 84	5 5 4 0 0	- - 77	—	—	24.2	- 0.4	33.1	94
	Dacca	××× 79	5 18 02	96 02 1	064 81	3 5 5 7 0	- - - 82	××× 81	7 00 00	97 51 9	031 82	7 8 4 - -	9 × × 77	—				—	75
	Narayanganj	040 80	8 18 03	95 03 6	010 82	7 5 5 2 -	9 × 0 83	074 80	8 09 02	95 60 6	029 82	8 5 5 - -	9 × × 78	- 5	- 1	38.8	+12 3	55.9	74
	Mymensingh	000 81	8 00 00	99 02 5	006 85	8 4 7 - -	5 × × 89	000 81	8 09 02	96 02 2	036 86	8 4 7 - -	- - 80	+ 2	+ 2	27 5	5.2	35.7	81
	Srimangal	065 79	8 00 00	98 60 6	017 80	6 5 6 2 -	6 × 5 88	080 78	7 00 00	97 02 6	044 81	6 5 7 3 0	9 7 3 74	- 2	- 2	33.3	+ 1.4	62.2	91
	Khulna	××× 78	8 20 02	97 02 6	013 79	6 7 5 2 -	5 × × 88	384 78	6 09 02	96 02 1	027 84	6 4 6 - -	- - - 78	+ 1	0	24 4	× 1 6	32 9	58
	Satkhira	000 79	8 13 02	97 20 2	994 83	6 9 8 8 0	9 0 × 92	246 79	7 05 02	97 03 6	019 89	5 9 7 6 0	3 8 × 77	+ 4	- 1	17.0	- 7 9	25 5	55
	Jessore	000 79	8 27 02	95 05 5	003 82	8 8 6 0 0	2 × × 91	000 81	6 00 00	96 02 2	023 86	6 8 6 0 0	- - 79	—		15.8	- 7 8	22.9	65
	Faridpur	010 78	8 08 03	95 14 6	008 81	6 8 5 1 0	7 × × 81	032 80	7 08 02	96 03 1	026 84	5 5 6 1 0	9 × × 79	6	0	25 9	+ 1 4	33 2	71
	Barisal	××× 70	8 20 02	97 02 6	013 77	6 7 5 2 -	5 × × 88	××× 80	6 11 02	97 02 1	029 85	4 2 5 4 2	- - - 78	+ 1	0	27.5	- 2.8	37.1	81
	Pabna																		58
	Rampur Boalia																		64
	Sirajganj	025 77	8 00 00	98 02 2	××× 83	8 4 6 - -	4 0 0 87	025 78	8 00 00	98 01 2	029 84	7 7 7 0 0	0 0 0 79	0	0	37.9	+13.7	38.4	64
	Bogra	010 78	7 00 00	96 02 6	999 81	7 6 5 - -	- - 87							3					69
	Dinajpur	139 77	8 00 00	97 02 5	020 80	4 4 7 2 0	9 0 0 91	145 79	6 00 00	97 02 2	043 83	0 0 0 2 0	9 0 0 77	- 10	- 2	26.4	- 1.8	30.6	72
	Rangpur	044 ××	8 00 00	96 02 6	— —	8 5 3 - -	8 0 0 —	050 ××	6 09 02	97 02 5	— —	6 5 8 0 0	2 0 0 —	—	—	47.8	+14.9	67.4	86
KASHMIR	Srinagar†																		—
	Gulmarg††																		—
	Sonamarg (a)																		—
	Dras†																		—
	Leh††																		—
	Skardu†																		—
	Gilgit*																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 80	5 07 05	96 02 0	943 85	0 0 9 4 0	3 0 3 85	000 77	4 05 02	96 01 5	976 79	0 0 9 0 3	9 4 0 76	- 16	- 6	1.7	- 2.2	5 7	12
	Lahore	049 74	8 09 07	96 01 6	066 77	6 6 6 2 -	9 × 9 79	283 75	8 36 02	95 63 6	085 76	2 5 × 2 -	9 × 9 74	20	- 5	6 4	- 0 3	10.3	18
	Sialkot	028 73	8 05 04	97 02 6	962 80	8 4 6	8 9 9 80	051 76	6 00 00	98 01 1	082 78	3 2 6 6 0	- - - 74	16	- 5	4.3	- 5.8	9.3	32
	Jhelum	004 71	5 16 03	98 01 4	958 89	1 1 7 0 8	9 9 × 91	004 74	2 00 00	97 03 9	988 86	0 0 9 3 0	9 - 1 75		—	5.1	-	14.6	—
	Rawalpindi	000 74	4 00 00	98 01 9	954 86	0 0 9 8 0	9 × × 89	000 72	2 00 00	99 01 1	990 81	0 0 9 8 0	- - 72	7	- 5	4.8	- 5.0	15.6	36
	Murree†	003 63	6 11 02	96 02 6	898 66	6 9 4 -	9 × × 71	003 49	5 00 00	96 02 4	908 66	5 2 4 0 0	6 - - 56		—	10.6	4 9	33 2	59
	Attock	××× ××	7 29 09	97 40 0	— —	× × × × ×	- - - -	××× ××	0 18 05	97 00 0	—	0 0 9 0 0	- - -	—	—	-	—	—	—
	Khushab	000 73	3 11 09	99 03 1	947 92	0 0 9 × 4	- - - 95	000 74	1 13 02	99 30 3	984 84	1 0 8 4 0	- - 79	7	8	1.7	3 3	7.4	11
	Montgomery	006 77	8 05 05	96 03 5	046 83	6 8 5 7 0	9 × 0 84	006 75	8 00 00	96 08 1	988 78	3 5 7 -	5 - - 76	10	7	1.6	- 1.0	5.3	10
	Leiah	000 75	0 13 03	97 00 0	935 00	0 0 9 0 0	- 02	000 79	0 13 02	97 00 0	986 97	0 0 9 0 0	- - - 83	—	—	0.5	- -	6.5	8
	Multan	000 78	0 09 05	97 00 1	937 97	0 0 9 0 0	4 9 9 00	019 75	4 09 05	97 01 6	985 87	0 0 9 0 9	- - - 82	- 1	- 8	1.6	- 0 8	4 6	7
	Khanpur	000 74	7 81 17	93 80 1	937 04	4 4 7 2 0	9 × 9 07	000 76	0 ×× ××	95 05 0	977 86	0 0 9 0 0	- - - 84	+ 4	+ 1	0.2	- 2 2	1.9	4
	Bahawalpur	000 79	0 09 02	97 00 1	932 96	0 0 9 0 0	4 0 0 08	000 81	0 09 02	97 00 0	984 85	0 0 9 0 0	- - - 81	- 3	- 2	0	2.5	3 1	6
	Fort Abbas	000 77	7 36 05	96 03 2	934 88	0 0 9 3 0	9 × 8 90	000 75	0 23 02	88 00 0	966 85	0 0 9 0 0	4 × × 70		—	0.3	—	1.2	2
N. W. F. P.	Drosh*	000 48	1 25 10	98 01 1	811 97	1 1 8 0 0	3 × × 00	000 60	0 00 00	97 00 0	883 80	0 0 9 0 0	- - 76	+ 3	+ 3	1.0	—	21 3	18
	Chakdara	000 69	0 31 02	99 00 0	919 98	0 0 9 0 0	- 95	000 71	0 13 02	98 00 0	975 81	0 0 9 0 0	- - 76		—	2.8	—	14.7	—
	Cherat*	000 66	7 18 02	97 02 2	584 79	2 2 9 2 0	2 × 6 ××	000 67	0 13 02	97 00 1	901 74	0 0 9 0 0	1 × × 69	—	—	1.6	- 3.1	23 6	29
	Peshawar	000 70	4 13 14	95 02 1	917 98	3 3 6 2 0	- - 01	000 71	0 32 03	97 00 1	975 84	0 0 9 0 0	- - - 79	0	- 1	0.4	- 1 1	7.7	14
	Parachinar	000 56	5 13 02	97 02 2	593 87	3 2 6 6 0	8 × 9 89	000 61	0 00 00	99 00 1	907 71	0 0 9 0 0	9 × × 63	+ 2	3	4.2	—	22.8	29
	Miranshah	000 67	4 13 02	96 03 1	858 93	4 × 7 0 0	- - - 96	000 69	0 00 00	98 00 0	890 80	0 0 9 0 0	- - - 77	—	—	1 0	1.2	7.9	18
	Bannu	000 67	0 86 05	97 05 4	026 91	0 0 9 0 0	- - - 99	060 71	0 00 00	99 00 0	990 84	0 0 9 0 0	- - 79	—	—	1.2		6.1	11
	D. I. Khan	000 76	0 11 02	95 00 0	951 97	0 0 9 0 0	- - - 97	007 77	7 00 00	96 03 0	972 83	0 0 9 × 0	3 - 5 75	—	—	0 6	2 1	2.3	9
	Wana																		11
	Landikotal	000 60	2 13 05	97 02 1	848 91	2 9 6 0 0	- - - 94	000 68	0 05 02	98 00 0	881 81	0 0 9 0 0	- - - 74	—	—	0.5	—	10.1	—
	Hangu	××× ××	8 00 00	97 08 3	— —	0 0 9 2 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	4 36 13	97 03 1	— —	1 8 7 2 1	- - - —	××× ××	0 36 09	96 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 47	4 18 14	96 02 1	884 93	4 0 7 4 0	5 × × 97	000 56	0 00 00	95 05 0	875 82	0 0 0 0 0	0 0 0 ××	- 2	×	0.2	- 2.4	6.1	11
	Hindubagh	000 15	0 23 09	97 00 0	863 30	0 0 9 0 0	- - - 96	000 55	0 23 10	97 00 0	496 82	0 0 9 0 0	- - - 72	—	—	0	—	8.3	—
	Loralai	006 77	0 18 05	96 00 9	826 89	0 0 9 0 0	- - 90	005 70	0 00 00	96 00 9	887 76	0 0 9 0 0	- - - 66	—	—	0.4		6 8	—
	Harnai (a)	000 ××	× 08 00	93 08 2	— —	6 × 7 2 5	5 0 0 —	000 ××	3 23 02	93 44 4	—	× × × × ×	2 6 0 ××	.	.	0.9	- 2.6	9.4	14
	Sibi	000 65	0 23 09	98 00 0	901 10	0 0 9 0 0	- - - 10	000 68	0 18 09	98 00 0	964 08	0 0 9 0 0	- - - 91	—	—	1.2	—	2.7	5
	Quetta†	000 49	0 00 00	98 00 0	890 93	0 0 9 0 0	- - - 95	000 59	0 00 00	97 00 0	905 68	0 0 9 0 0	- - - 64	—	—	0	0 6	8.5	9
	Chaman	000 75	0 31 03	97 00 0	846 00	0 0 9 0 0	- - - 00	000 49	0 28 05	97 00 0	809 81	0 0 9 0 0	- - - 75	0	0	0	- 0.1	9.9	8
	Nushki	000 60	0 25 14	97 00 0	904 04	0 0 9 0 0	- - - 07	000 71	0 11 16	96 00 0	945 88	0 0 9 0 0	- - - 82		—	0	—	6 4	—
	Dalbandin*	000 39	0 25 09	94 07 0	866 05	0 0 9 0 0	- - - 67	000 46	0 27 03	94 05 0	897 85	0 0 9 0 0	- 75	- 3	3	0	0 1	1.8	4
	Nokkundi	000 22	0 34 18	97 05 1	899 04	0 0 9 0 0	9 × 0 07	000 40	0 00 00	99 00 0	978 84	0 0 9 0 0	- - - 80	—	—	0		0.9	2
	Kalat†	000 65	0 32 05	98 00 0	901 87	0 0 9 0 0	- - - 89	000 57	0 18 02	98 00 0	931 71	0 0 9 0 0	- - - 60	- 2	- 1	0.1	0 7	9.1	7
	Turbat	000 81	6 25 05	96 02 2	007 99	6 0 8 2 0	9 0 × 80	000 73	8 00 00	95 03 2	005 86	8 0 8 2 0	9 0 × 82	—	—	0		1.4	—
	Panjgur*	000 53	8 31 02	97 20 1	980 95	0 0 9 2 0	9 × 4 03							0					5
	Las Bela																		8
	Ormara	000 76	2 25 13	94 07 0	002 86	2 5 6 0 0	- - - 88							—					8
	Pasni	000 75	5 25 09	96 02 1	002 85	0 0 9 4 0	- - - 88	000 76	8 20 03	96 03 2	026 82	8 4 5 -	9 × × 80	- 3	+ 2	0.5	- 0.2	4.7	5
	Jiwani																		4
SIND	Reti	000 89	0 27 05	96 00 1	980 10	0 0 9 0 0	- - - 11	000 81	0 18 05	96 00 0	979 85	0 0 9 0 0	- - 83	—		0	—	0.6	—
	Jacobabad	000 85	2 18 10	96 02 1	913 08	0 0 9 0 1	- - - 10	000 73	0 09 05	96 00 0	964 89	0 0 9 0 0	- - 87	+ 3	+ 3	0.2	0.9	0.7	4
	Sukkar	000 75	0 20 05	95 05 1	914 06	0 0 9 0 0	- - - 08	000 74	0 13 08	95 05 1	958 85	0 0 9 0 0	- - - 84	—	—	0	—	0.5	4
	Pad Idan	000 71	3 28 13	97 01 1	928 05	0 0 9 0 8	- - - 07	000 73	2 23 09	98 01 1	969 92	0 0 9 0 1	- - - 85	—	—	0	—	0.1	—
	Karachi (*Manora*)	000 78	8 25 13	96 02 2	992 86	8 6 4 2 0	- - - 87	000 79	7 25 18	95 05 2	025 83	7 6 4 0 0	- - - 82	0	+ 2	0.5	- 3 2	0 5	8
	Karachi (*A. P.*)	000 75	7 25 23	95 07 2	992 87	1 6 4 5 0	- - - 99	000 75	7 25 19	96 03 5	025 82	7 6 4 0 0	- - - 81	—	—	1.6		1.7	—
	Badin	003 76	7 13 00	97 03 2	982 97	0 0 9 4 0	- - - 99	000 77	6 23 09	97 03 2	018 88	0 0 9 0 7	- - - 81	+ 6	6	2.3	- 1.7	2.8	9
	Nagarparkar																		
	Chhor (*Umarkot.*)	000 83	6 23 14	97 05 1	961 91	0 0 9 3 3	- - - 93	000 79	6 25 14	97 03 1	985 84	0 0 9 8 4	- - - 80	—	—	0.8	—	0.8	—
	Hyderabad	000 72	7 23 07	97 03 2	964 94	0 0 9 5 0	- - - 96	018 72	0 23 10	95 07 0	989 85	0 0 9 0 0	- - - 83	- 1	+ 2	0.4	- 3.4	0.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul							000 36	0 29 03	98 00 0	962 87	0 0 0 0 0	- - - 85	—	—	0	—	0.9	12
	Jalalabad	000 66	0 00 00	97 00 0	977 03	0 0 9 0 0	9 × × 05	000 72	0 00 00	96 00 0	984 85	0 0 9 0 0	9 × × 77	—	—	0.5	—	6.9	—
	Kandahar	000 67	0 00 00	98 00 0	811 97	0 0 9 0 0	- - - 00							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY THE 29TH JULY, 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	VVwwW	PPPTT	$N_hC_lhC_MC_H$	$W_1D_HD_MT_xT_n$	RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_lhO_MC_H$	$W_1D_HD_MT_xT_n$	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
Iran	Chahbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bushire	...	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arabia	Muscat	000 84	0 09 02	97 09 1	972 91	9 0 9 0 0	- - - 94	000 79	0 26 02	98 00 0	997 86	9 0 9 0 0	- - - 85	+2	0	0	- 0.1	3.3	-
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kuwait	000 xx	0 13 02	97 09 0	988 87	9 0 9 0 0	- - - 10	-	-	-	-	-	-	-	-	-	-	-	-

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,550 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,690-6,710 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 Control, 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_aL_a	L_oL_o GG	N dd ff	VV ww W	PPP TT	N_hC_l h C_MC_H	D_s v_s sss	8 N, C $h_sh_sh_s$	O T_sT_s T_dT_d	1 $d_wd_wP_wH_w$	SHIP	YQ L_aL_a	L_oL_o GG	N dd ff	VV ww W	PPP TT	N_hC_l h C_MC_H	D_s v_s sss	8 N, C $h_sh_sh_s$	O T_sT_s T_dT_d	1 $d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Empire Midway	73 990	896 00	1 21 11	99 02	0 104	93	12 6 00														
Orange	73 101	662 00	7 24 13	98 01	5 087	51	70 8 8x	6 7 615		9 01 73	1 86 44										
Empire Windrush	73 992	698 86	1 22 05	99 02	0 117	57	11 × 00														
Clan Macniel	73 179	997 06	8 25 18	99 01	1 096	93	88 × 00	E 4 803		0 xx 76											
Teel Navigat	73 062	720 06	2 22 19	98 02	1 132	82	21 4 00	8 6 320		0 09 76	1 16 44										
Orange	73 105	641 06	8 20 14	98 02	1 115	81	80 9 8x	6 7 107		0 01 73	1 24 44										
Clan Urghan	73 196	662 xx	7 22 14	99 01	2 120	92	81 × 8x	2 5 300		0 01 74	1 20 x5										
Orange	71 080	627 12	7 22 13	98 25	2 086	81	22 4 6x	6 7 622		0 02 74	1 24 84										
Clan Urguhart	73 103	667 12	8 18 09	99 01	1 104	88	88 × xx	2 5 410		0 06 75	1 22 5x										
Clan Urguhart	73 100	692 18	8 20 08	99 02	1 181	82	00 9 7x	2 5 120		0 01 75	1 22 x5										

Radio-Sonde Data (Temperatures in °C)

of previous day.

TATION	TEMP	CODE :— iiiGG	PoPoPoTo	TdoTdoTxoXiX2	P1P1h1h1t1	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	997 28	255 40	854 69	981 71	700 22	160 67	509 81	519 94	802 20	719 94	555 55	319 00	222 11	878 61	218 67	748 52	981 48	648 00	280 93	837 48	280 82	456 00	660 13	865 14

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. ††										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	03 06	02 06	25 06	24 08	24 10	88 09					18 07						13 11	13 10	11 07	11 08				
Chhor	25 15	25 20	26 15	26 06	21 09												22 20	24 47	05 22					
Chittagong											17 21	17 19	16 18	16 11			14 12	15 21	14 21	14 21				
Cox's Bazar																								
Dacca											17 14	17 10	15 07	07 08			16 11	15 13	16 11					
Dalbandin			24 18	25 21									27 11	27 11	26 18				20 09	29 10	28 11	03 13	01 12	
Drost					28 01	17 03	08 07	35 08	25 21	25 41				24 08	22 05	21 04					21 02	01 06	01 16	10 03
Fort Sandeman				22 02	27 06	27 07	28 07							21 04	16 01	26 16				27 03	21 09	30 11		
Jacobabad	17 06	20 05	21 07	23 04	28 09	36 10	34 15	31 09			12 16	14 18	15 17	22 09	25 12	29 13	14 07	14 02	13 05	25 05	23 10	31 05		33 15
Jhelum	12 09	12 09	10 14	08 16							01 01	07 09	07 12	25 12	02 18	01 14	09 01	10 05	17 06	14 11	09 18	05 17	36 20	
Jiwani																								
Karachi	27 25	27 31	27 42		27 21						27 21						27 25							
Khanpur	01 02	25 01	28 09		11 13	11 17	12 17										20 12	19 08	19 06	20 13	28 18			
Lahore	07 17	18 22	15 17	12 12	07 15	05 13											04 07	07 17	05 17	09 28	05 06			
Multan	05 12			05 08							07 14	04 06	24 08	30 09	25 19		12 04	05 01	22 05	26 07	26 13	22 14		
Peshawar		24 05	14 04	23 05	25 06	25 13	02 13	24 12	26 28	25 25			24 07	15 07	11 09	22 19		25 09	21 05	21 08	15 03	22 13		30 04
Quetta					21 10	29 09	25 10	28 07	21 04	24 13					30 09	24 02					24 09	25 14		
Bushire																								
Shariar																								

Cloud Observation Data (iiiGG Cddv, v_r)

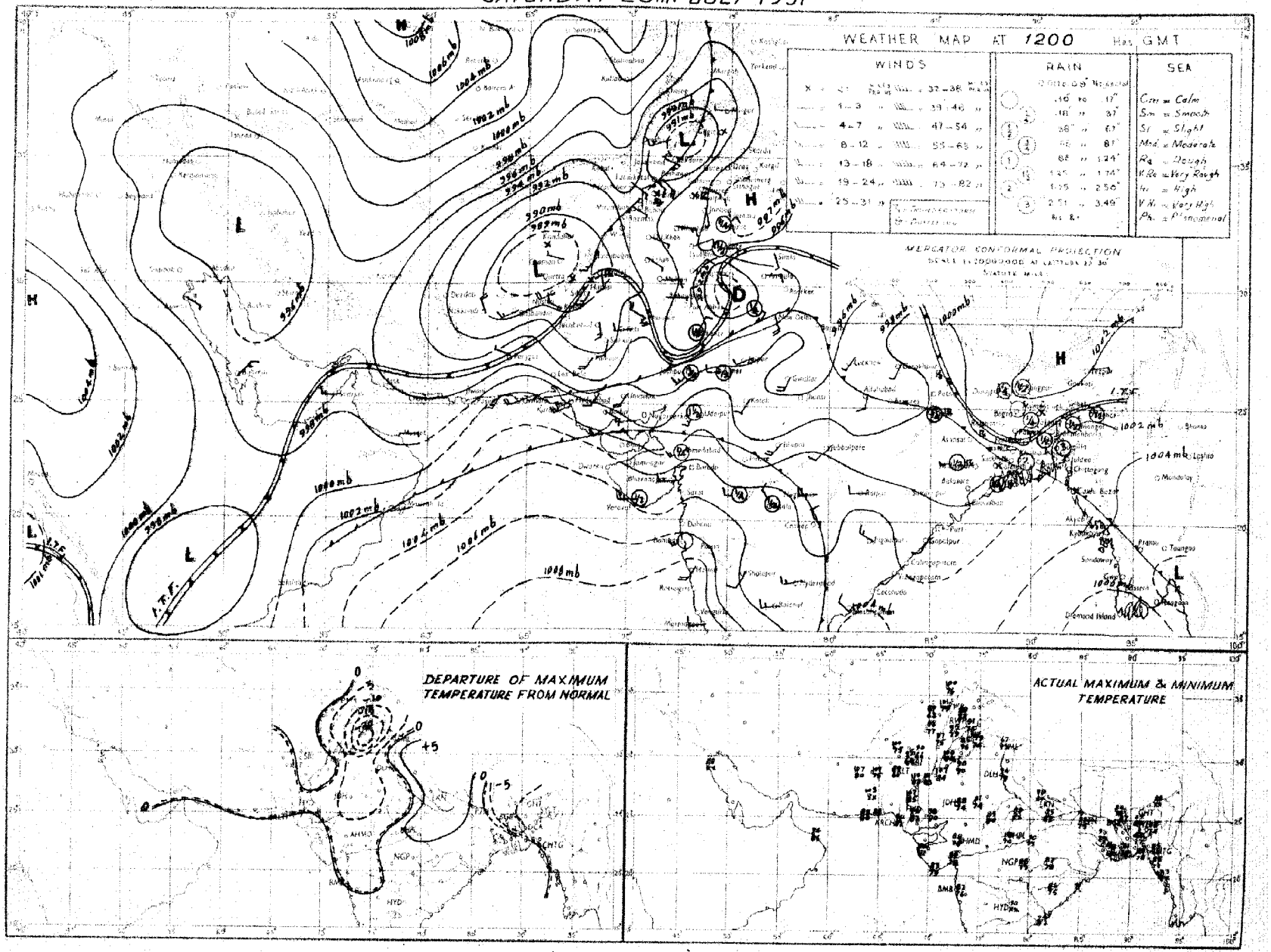
Chhor 76808 42208 Jhelum 59802 49827

* 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 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

M. P. W.

PAKISTAN DAILY WEATHER MAP

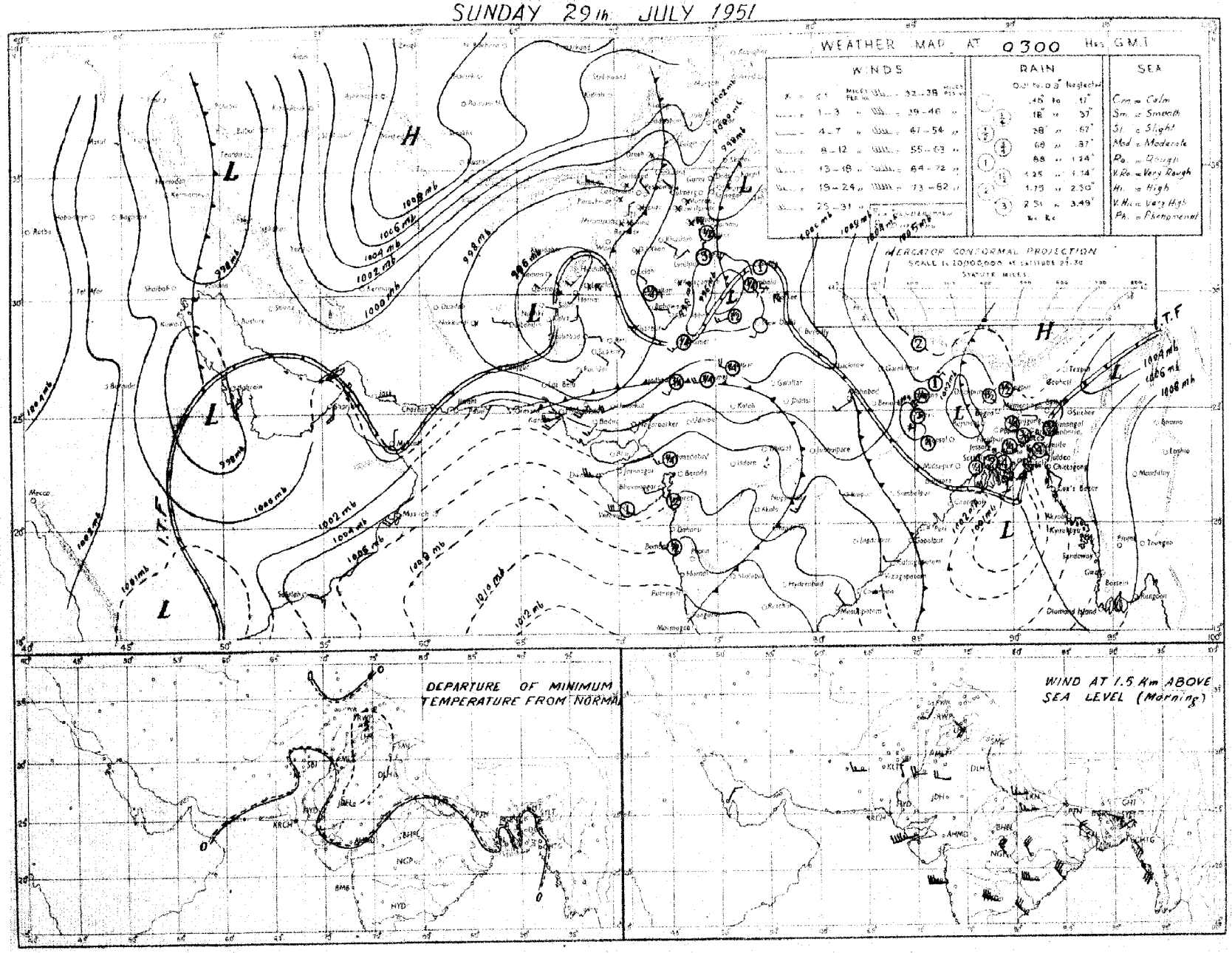
SATURDAY 28th: JULY 1951



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 29th JULY 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-1457

FOR MONDAY, THE 30TH JULY, 1951

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

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

Yesterday's shallow depression over Kumaon hills is becoming unimportant.

Yesterday's depression in the northwest angle of the Bay of Bengal is centred at 0300 Z today within half degree latitude 20½°N and longitude 87½°E. It is likely to intensify and move westnorthwestwards.

Seasonal low lies well marked over Baluchistan.

Fairly widespread rain has occurred in East Pakistan. Scattered rain has also been reported from the north Punjab and dustraising winds from Sind.

Chief amounts of rainfall are :—Srimangal and Faridpur 1" each, and Jessore and Dinajpur ½" each.

Day temperatures were markedly to considerably below normal in the north Punjab and appreciably below normal in Baluchistan.

Forecast valid until the evening of 31st :—Rain/thundershowers will be fairly widespread in East Pakistan and local in the north Punjab and Kashmir. Scattered dust/thunderstorms will occur in the plains of Punjab and the North-West Frontier Province. Duststorms/dustraising winds will also occur in Baluchistan and Sind.

Karachi-11,
The 30th July, 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	$N_hC_Lh\,C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_sD_MT_nT_n$	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
	Cox's Bazar	000 76	4 18 07	96 02 1	001 84	2 8 6 0 1	1 0 × 90	000 77	8 18 07	95 52 1	018 81	2 1 6 2 6	1 × 0 78	+ 5	+ 2	47.8	17.7	67.5	140
	Chittagong	005 83	4 16 07	97 01 6	998 84	3 5 6 2 0	7 × × 88	005 73	5 16 09	97 02 1	018 86	3 2 5 7 1	0 9 9 79	+ 2	1	45.6	+ 1 6	74.4	105
	Comilla	000 80	7 13 09	98 08 1	994 80	7 4 7 0 0	- - - 80	000 77	6 13 09	98 01 1	019 84	6 4 7 0 0	- - 79	- 7	- 2	58.1	+24 1	58.7	118
	Brahmanbaria	000 79	4 15 02	97 93 1	995 79	4 4 6 0 0	- - 98	000 78	4 09 05	97 03 1	015 87	1 5 5 0 7	0 4 × 80	—	—	24.2	- 1.8	33.1	94
	Dacca	××× 75	5 18 03	99 01 5	986 75	2 2 6 2 4	9 × × 88	××× 77	8 11 09	98 02 6	002 88	7 5 4 2 -	× × × ××	—		—	—	—	70
	Narayanganj	004 76	4 14 05	95 05 6	991 85	2 5 5 0 3	9 0 × 89	004 76	8 09 03	96 03 6	000 84	8 5 5 - -	9 × × 80	+ 1	+ 1	36.8	+11 9	56.0	74
	Mymensingh	000 89	8 09 02	99 02 5	006 87	8 4 7 -	5 × × 90	000 78	8 00 01	98 02 2	011 84	8 4 7 - -	- - - 79	+ 3	+ 1	27 5	5.7	35.7	83
	Srimangal	077 72	8 18 02	92 61 6	003 79	5 5 6 2 -	5 × 5 91	090 75	7 06 03	97 02 6	020 81	3 2 6 8 2	9 6 2 79	+ 1	+ 3	34.4	+ 1.9	63.1	98
	Khulna	000 78	6 11 05	96 50 2	951 84	6 5 5 × ×	- - - 89	004 79	6 09 03	96 03 1	992 82	6 4 6 0 0	- - - 78	- 3	0	24 4	- 2.1	32 9	68
	Satkhira							015 78	8 13 02	97 21 8	959 81	8 9 6 6 0	- - - 78	—	0	17.1	- 8 2	25.7	66
	Jessore	041 79	6 13 05	96 02 6	979 85	8 8 6 0 0	3 × × 93	046 79	7 09 05	96 02 6	991 83	7 8 6 0 0	4 × × 77	—	—	16.3	7 6	23.6	65
	Faridpur	085 80	6 06 09	96 02 8	979 85	4 4 6 1 0	5 < 1 85	093 79	8 08 05	95 61 0	020 50	8 6 5 0 0	4 × × 78	- 2	1	26 8	+ 1 8	34 1	71
	Barisal	××× 77	8 18 07	96 60 6	987 81	6 1 5 2 -	7 × × 88	××× 80	6 11 09	97 02 6	994 83	3 4 5 2 6	3 × × 79	+ 1	+ 1	27.5	- 3 3	37.1	63
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 79	2 00 00	99 01 1	989 87	1 1 8 - -	- - - 87	000 78	6 09 03	98 01 2	000 87	6 2 7 - -	- - - 79	0	0	27.9	+14 2	38.4	64
	Bogra	000 77	3 18 02	96 01 1	982 87	2 3 6 1 0	- - - 89	018 73	5 09 03	96 01 9	003 83	2 2 6 0 5	- - - 79	0	0	27.6	+ 2.3	34.5	69
	Dinajpur	042 81	3 00 00	97 01 6	993 86	0 0 9 4 0	7 0 2 90	042 78	7 00 00	97 02 0	021 85	4 4 7 4 0	1 0 0 79	0	0	26 8	0.6	31.0	72
	Rangpur	000 ××	5 07 02	97 02 1	— —	5 5 3 0 0	- - - —							—					84
	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
	Lyallpur	000 81	5 07 05	96 02 0	940 92	0 0 9 4 0	0 0 4 94	000 78	2 16 02	96 01 0	968 88	0 0 9 0 3	- - - 79	- 7	- 3	1.7	- 2.3	5.7	12
	Lahore	013 77	5 09 03	91 01 6	959 84	2 8 6 4 1	9 9 9 85	031 78	6 09 03	96 02 2	978 80	2 8 7 5 0	4 × 9 75	14	- 4	6.5	- 0.4	10.5	19
	Sialkot	000 79	5 00 00	98 02 1	955 87	2 1 6 4 0	- - - 87	000 75	6 00 00	98 02 1	978 82	× 8 6 6 0	- - - 77	- 9	- 2	4.3	- 6.1	9.3	33
	Jhelum	000 73	2 18 03	98 03 1	953 95	2 2 6 0 0	- - - 97	000 75	1 00 00	99 01 1	971 87	0 0 9 3 0	- - - 80	—	—	5.1	—	14.6	—
	Rawalpindi	000 79	3 00 00	99 01 1	006 93	0 0 9 3 0	- - - 95	000 74	3 00 00	99 02 1	965 85	0 0 9 2 0	2 × × 79	- 1	+ 2	4.8	- 5 2	15.6	36
	Murree †	000 63	6 18 04	96 02 1	903 68	6 9 3 0 0	9 × × 72	000 63	8 09 02	94 02 4	909 64	6 5 2 0 0	2 × × 59	—	—	10.5	5 5	33.2	60
	Attock	××× ××	0 00 00	98 00 0	××× ××	6 0 9 0 0	- - - --	××× ××	5 36 02	98 00 0	××× ××	0 0 9 0 0	- - - —	—	—		—	—	—
	Khushab	000 75	1 16 05	99 03 1	939 99	1 2 6 × ×	- - - 00	000 75	0 16 02	99 00 6	971 88	0 0 9 0 0	- - - 81	- 2	1	1.7	3.5	7.4	15
	Montgomery	000 76	3 36 03	97 01 1	946 95	3 2 7 0 0	9 × × 95	000 79	8 16 05	97 03 1	970 72	0 0 9 7 0	6 × × 77	- 8	- 6	1.6	- 1.7	5.8	10
	Leiah	000 71	0 31 02	97 00 0	938 02	0 0 9 0 0	- - 03	000 82	2 00 02	98 00 0	962 90	0 0 9 0 0	- - - 87	—	—	0.8	—	6.5	8
	Multan	000 75	2 23 02	97 02 1	952 02	0 0 9 3 0	9 9 0 02	000 78	0 18 02	97 00 0	963 89	0 0 9 0 0	- - - 86	+ 1	+ 1	1.6	- 0.9	4.6	7
	Khanpur	000 76	0 23 03	95 05 0	933 06	0 0 9 0 0	- - - 06	000 74	0 21 09	95 05 0	966 85	0 0 9 0 0	- - - 83	+ 3	0	0.2	- 2.3	1.9	5
	Bahawalpur	000 81	0 00 00	97 00 0	941 01	0 0 9 0 0	- - - 01	000 76	0 25 09	97 00 0	980 86	0 0 9 0 0	- - - 85	0	+ 2	0	2.6	3 1	6
	Fort Abbas	000 88	5 23 03	96 03 1	940 03	0 0 9 3 0	5 × 8 03	000 82	0 23 02	96 03 1	971 88	0 0 9 0 0	0 3 × 70	—	—	0.3	—	1.2	6
	Drosh *	000 54	1 25 17	98 01 1	822 95	1 1 6 3 0	8 × 9 08	000 68	0 00 00	97 00 0	882 00	0 0 9 0 0	- - - 77	+ 1	+ 4	1.0	—	21.2	15
	Chakdara	000 71	0 13 05	99 00 0	916 95	0 0 9 0 0	- - 95	000 74	0 00 00	98 00 1	951 85	0 0 9 0 0	- - - 78	—	—	2.3	—	14.7	—
	Cherat *	000 73	1 18 10	97 01 1	980 88	1 1 9 0 0	3 × × ××	000 67	0 23 06	97 00 0	898 78	0 0 9 0 0	- - - 75	+ 3	+ 1	1.6	- 3.2	23.6	39
	Peshawar	000 65	1 05 02	95 05 1	919 00	1 1 7 0 0	- - - 06	000 73	1 36 05	96 01 1	958 88	0 0 9 3 0	- - - 88	+ 5	+ 3	0.4	- 1.1	7.7	14
	Parachinar	000 58	2 13 21	99 01 1	690 84	0 6 9 3 6	5 × T 87	000 66	4 00 00	99 01 2	906 77	0 0 9 6 0	6 × 9 66	+ 1	+ 2	4.2	—	22.0	39
	Miranshah	000 71	2 11 04	98 00 0	868 92	2 2 6 4 5	- - - 03	000 73	0 00 00	98 00 0	893 85	0 0 9 0 0	- - - 79	—	—	1.0	1.3	7.9	19
	Bannu	000 74	0 36 03	99 00 0	941 96	0 0 9 0 0	- - - 06	060 72	0 05 03	99 00 0	956 89	0 0 9 0 0	- - - 82	—	—	1.2	—	6.1	12
	D. I. Khan	000 77	0 09 00	96 00 2	933 99	0 0 9 0 0	- - - 99	007 79	0 05 02	96 00 0	960 88	0 0 9 0 0	- - - 77	—	—	0.6	- 2 2	2.3	9
	Wana																		11
	Landikotal	000 67	0 05 03	97 00 0	851 92	0 0 9 0 0	- - - 98	000 72	0 00 00	98 00 0	875 84	0 0 9 0 0	- - - 73	—	—	0.5	—	10.1	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	3 18 09	98 01 1	— —	1 8 7 1 7	- - - —	××× ××	0 23 09	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 80	4 03 02	96 01 1	820 00	4 0 7 4 0	3 × × 02	000 56	0 00 00	97 00 0	871 80	0 0 9 0 0	6 × × 71	+ 3	+ 5	0.2	- 2.5	6.1	15
	Hindubagh	000 49	0 21 08	97 00 0	888 03	0 0 9 0 0	- - - 04	000 35	0 28 09	97 00 0	899 81	0 0 9 0 0	- - - 71	—	—	0	—	8.8	—
	Loralai	000 74	4 23 09	96 03 0	842 93	0 0 9 3 0	- - - 95	000 70	0 00 00	97 00 2	882 73	0 0 9 0 0	- - - 65	—	—	0.4	—	6.8	—
	Harnai (a)	000 ××	3 31 00	93 45 4	9×× ××	— —	9 0 0 ××	000 ××	0 27 02	94 05 4	××× ××	0 0 9 0 0	- - - —	—	—	0.9	- 2.8	9.4	14
	Sibi	000 65	0 23 09	98 00 0	922 09	0 0 9 0 0	- - - 10	000 67	0 18 18	98 00 0	943 93	0 0 9 0 0	- - - 90	—	—	1.2	—	2.7	5
	Quetta †	000 51	0 23 02	98 05 0	904 81	0 0 9 0 0	- - - 93	000 50	0 00 00	97 05 0	909 76	0 0 9 0 0	- - - 56	—	—	0	- 0 6	8.5	9
	Chaman	000 71	0 27 01	97 00 0	885 97	0 0 9 0 0	- - - 99	000 63	0 23 01	97 00 0	888 84	0 0 9 0 0	- - - 76	- 3	+ 1	0	- 0.1	9.0	8
	Nushki	000 72	0 27 10	97 00 0	919 04	0 0 9 0 0	- - - 06	000 65	0 09 07	96 00 0	945 89	0 0 9 0 0	- - - 79	—	—	0	—	5.4	—
	Dalbandin *	000 57	0 27 09	94 08 0	879 03	0 0 9 0 0	- - - 05	000 40	× 27 05	94 05 0	893 83	0 0 9 0 0	- - - 73	- 4	- 5	0	- 0.1	1.6	4
	Nokkundi	000 63	0 34 13	99 00 0	923 05	0 0 9 0 0	- - - 07	000 76	0 34 16	99 00 0	960 91	0 0 9 0 0	- - - 81	—	—	0	—	0.9	3
	Kalat †	000 66	0 27 05	93 00 0	975 86	0 0 9 0 0	- - - 87	000 52	0 18 05	98 00 0	928 67	0 0 9 0 0	- - - 58	- 4	- 3	0.1	- 0.7	9.1	7
	Turbat	000 69	0 23 05	97 00 1	019 96	0 0 9 0 0	- - - 00	000 74	8 00 00	96 02 2	026 84	8 8 7 0 0	9 0 × 82	—	—	0	—	1.4	—
	Panjgur *	000 40	4 23 07	97 03 0	880 93	0 0 9 2 0	9 × 6 99	000 60	0 23 02	97 00 1	988 78	0 0 9 × ×	- - - 70	- 4	- 7	0	—	3.2	3
	Las Bela																		3
	Ormara	000 77	6 25 09	96 08 1	005 83	6 5 6 0 0	- - - 86							—					6
	Pasni	000 75	6 23 09	96 02 1	010 85	0 0 9 4 0	- - - 65	000 76	7 23 08	96 02 1	020 82	0 0 9 2 0	9 × 5 80	- 6	0	0.5	- 0.2	4.7	6
	Jiwani																		4
SIND	Roti	000 90	0 18 03	98 00 0	940 09	0 0 9 0 0	- - - 32	000 81	0 18 09	98 00 0	975 84	0 0 9 0 0	- - - 82	—	—	0	—	0.1	—
	Jacobabad	000 74	0 12 07	97 00 0	922 07	0 0 9 0 0	- - - 07	000 73	0 13 09	98 00 0	954 85	0 0 9 0 0	- - - 85	0	+ 1	0.2	- 1.0	0.7	4
	Sukkar	000 72	0 00 00	95 05 1	925 07	0 0 9 0 0	- - - 08	000 72	0 20 03	96 00 1	950 88	0 0 9 0 0	- - - 82	—	—	0	—	0.1	4
	Pad Idan	000 68	3 23 05	98 01 1	912 03	0 0 9 0 8	- - - 09	000 75	1 13 09	98 01 1	948 86	0 0 9 0 1	- - - 81	—	—	0	—	0.1	—
	Karachi (Manora)	000 78	4 25 12	95 01 1	011 85	4 6 4 0 0	- - - 87	000 77	5 25 13	96 02 2	011 81	5 6 4 0 0	- - - 80	0	0	0.5	- 3 8	0 5	3
	Karachi (A. P.)	000 75	4 26 24	95 07 1	001 87	4 5 6 0 0	- - - 89	000 77	7 27 21	96 02 5	010 82	7 6 4 0 0	- - - 78	—	—	1.6	—	1.7	—
	Badin	003 75	6 23 10	97 03 2	092 88	0 0 9 0 3	- - - 90	000 75	6 23 10	97 03 2	996 84	0 0 9 0 2	- - - 80	- 3	- 2	2.3	- 1.7	2.3	9
	Nagarparkar																		
	Chhor (Umarkot)	000 74	3 23 19	97 05 3	968 93	0 0 9 0 2	- - - 97	000 75	8 23 16	97 05 1	985 84	× 4 × 4 3	- - - 80	—	—	0.8	—	0.8	—
	Hyderabad	000 69	0 23 12	95 07 0	965 95	0 0 9 0 0	- - - 98	000 72	0 23 14	95 06 0	975 84	0 0 9 0 0	- - - 81	+ 1	+ 1	0.4	- 3 0	0.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul							000 81	0 20 02	88 00 0	961 67	0 0 9 0 0	- - - 55		—	0	—	3.9	12
	Jalalabad	000 72	2 09 02	96 01 0	972 88	0 0 0 7 0	3 × 2 00	000 69	0 00 00	96 00 1	083 35	0 0 9 0 0	0 × × 80	—	—	0.5	—	4.2	—
	Kandahar							000 61	0 00 00	97 00 0	851 72	0 0 9 0 0	- - - 63		—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY THE 30TH JULY, 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	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1D_sD_wT_xT_n$	RRR T_dT_d	N dd ff	VVwwW	PPP.TT	$N_hC_LhC_MC_H$	$W_1D_sD_wT_xT_n$	T_x	T_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
Iran	Charbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 84	0 05 02	99 00 0	983 91	0 0 0 0 0	- - - 95	000 85	0 00 00	99 00 0	981 89	0 0 0 0 0	- - - 88	+ 3	+ 3	0	- 0.1	2.8	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	-	-	-	-	-	-	000 xx	0 25 07	97 00 0	978 96	0 0 0 0 0	- - - xx	-	-	-	-	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre 3,350-3,350 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 Control, 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_a	L_oL_oGG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sChshs$	O $T_xT_xT_dT_d$	1 $d_wd_wP_wH_w$	SHIP	YQ L_aL_a	L_oL_oGG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sChshs$	O $T_xT_xT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											BAY OF BENGAL										
Kampala	13 153	699 06	8 28 15	98 01 2	198 79	54 7 6×	5 5 ×××		0 02 73	1 27 35	Dwarka	12 060	914 00	8 22 15	98 15 8	098 86	22 4 4×	6 5 406		00 00 75	1 22 35
Kampala	13 157	692 12	8 26 15	98 01 0	049 82	11 7 10	5 5 ×××		0 00 73	1 27 34											
Jalaprakash	13 240	670 12	8 23 07	98 02 2	016 84	8× 9 2×	4 2 902		0 00 76	1 23 23											
Malkhot	13 097	683 12	8 26 05	98 01 0	097 86	12 7 02	2 4 611		0 03 65	—											
Tregenna	13 099	651 18	0 25 24	98 01 0	070 74	00 9 00	5 4 220		0 05 73	1 23 47											
Kampalla	12 126	682 19	0 26 15	98 02 0	125 81	00 9 00	5 5 ×××		0 00 75	1 27 26											
Jalaprakash	13 225	675 18	8 23 06	98 02 2	011 88	80 0 90	8 2 101		0 01 77	1 23 35											

Radio-Sonde Data (Temperatures in °C)

of previous day.

TATION	TEMP	CODE :—	iiiGG	$P_oP_oP_oT_oT_o$	$T_doT_doT_xoX_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_d{}_1T_d{}_1T_{x1}$ etc.	5555	$h_1h_1P_1P_1P_1$	$T_1T_1T_d{}_1T_d{}_1T_{x1}$ etc.
1	2	3 4	5 6	7 8	9 10 11	12 13	14 15	16 17	18 19	20 21	22 23	24 25	26
Karachi	780 15	998 27	269 60	859 99 999 99	769 91 190 13	509 07 519 91	301 97 729 87	555 55 707 85	259 62 426 00	096 07 484 00	599 91 388 50	659 90 302 85	789 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 †										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	4	5	6	7	8	9	10	11	12	13	14	15	16	17	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	26
Bagra	13 08	13 13	15 16	15 13	15 17	14 18					15 17						13 16	13 11	13 98						
Chhor	23 28	23 30	23 29														23 28	23 27							
Chittagong	17 13	16 17	15 24								16 29						15 13	15 20	15 37						
Coxs Bazar	15 23	16 22	16 25	16 19							13 28	15 26	26 28				14 24								
Dacca	14 16	14 17	15 17								15 12	15 14	16 16												
Daibandin			27 15	26 29	24 14								29 11	28 18	18 13				26 08	25 18	23 19	20 08	23 19	24 05	
Dinar					19 04	20 02	24 05	06 05	21 18					23 04	22 05	10 08					22 01	01 07	04 15	05 04	
Fort Sandeman				22 04	06 03	20 14	26 47							02 14	00 04	29 14				07 04	00 06	21 25	21 28		
Faesalabad	15 10	12 09	12 09	22 07	22 12	26 19	25 09	25 25	23 29	27 25	18 18	18 19	19 12	21 10	21 12	20 16	15 16	13 05	21 03	23 05	23 12	24 15	11 10	29 09	
Sheikupura											20 08	22 14	22 14	26 14	23 07	26 03	26 02	22 06	25 09	26 07	20 14	24 19	24 19	13 11	
Siwani																									
Karachi	27 14	26 23									27 27	27 23	27 27				27 29								
Khanpur	16 02	15 04	17 05	22 03							16 09	19 19	20 14	21 10	22 05	25 18	20 29	24 14	27 19	29 09	25 15	29 19			
Lahore											20 04	15 09	04 07	02 10	08 15	02 07	10 04	01 13	01 18	02 13	25 18	02 11			
Multan	19 07	10 04	10 04	21 02	21 08	21 17	22 09	03 03			11 16	15 11	17 06	22 16	23 21		17 18	20 17	17 00	22 04	23 13	21 13	22 08		
Peshawar		09 04	01 01	15 03	25 12	26 07	25 08					22 10	10 10	22 08	13 08	05 01		24 11	22 18	22 06	26 25	25 04	25 09		
Quetta															26 15	20 18					28 24	26 12	14 18	26 18	
Rohri																									
Shahdadpur																									

Cloud Observation Data (iiiGG Cddv, v,)

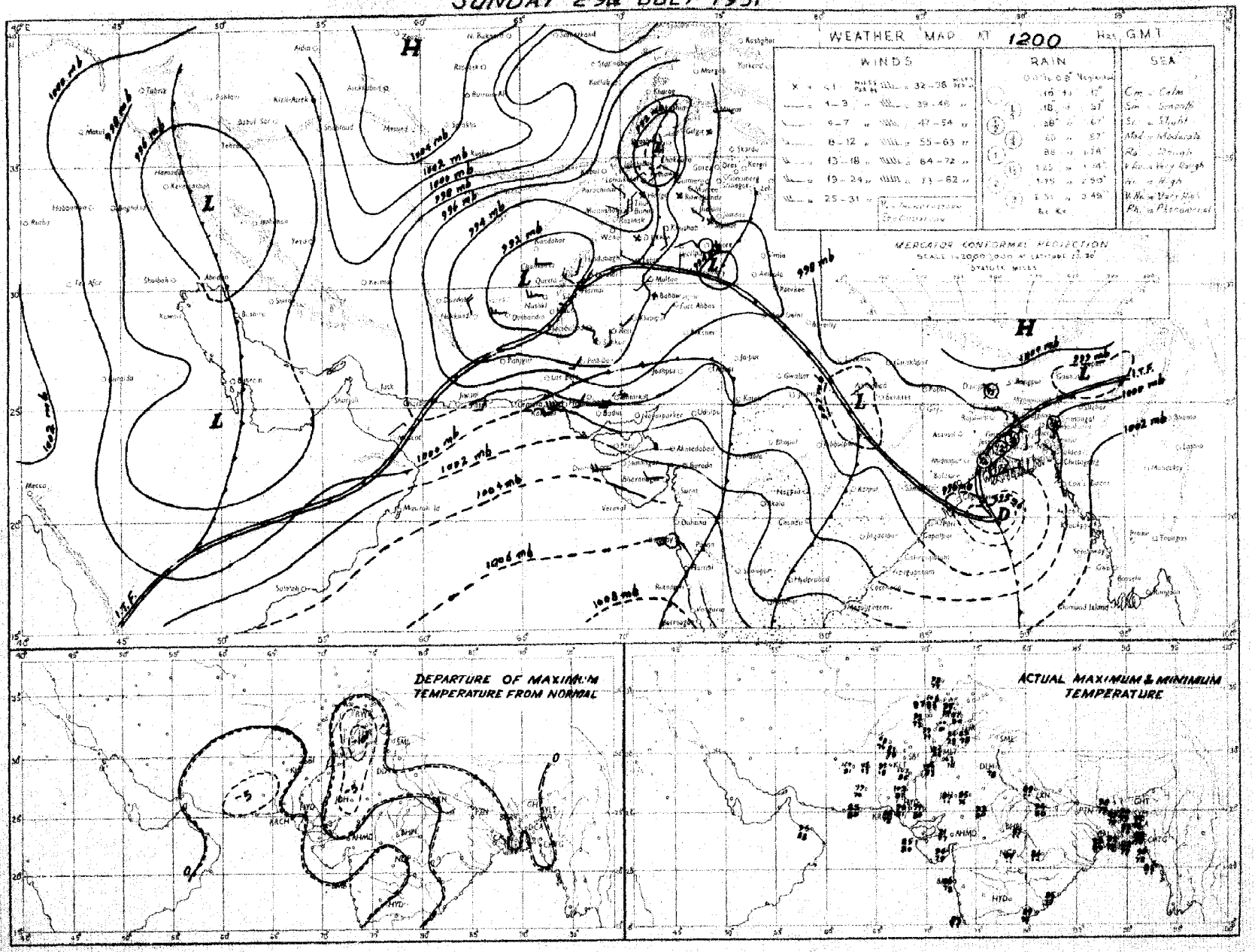
Lahore 04001 400xx

* 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

N P. W.

PAKISTAN DAILY WEATHER MAP

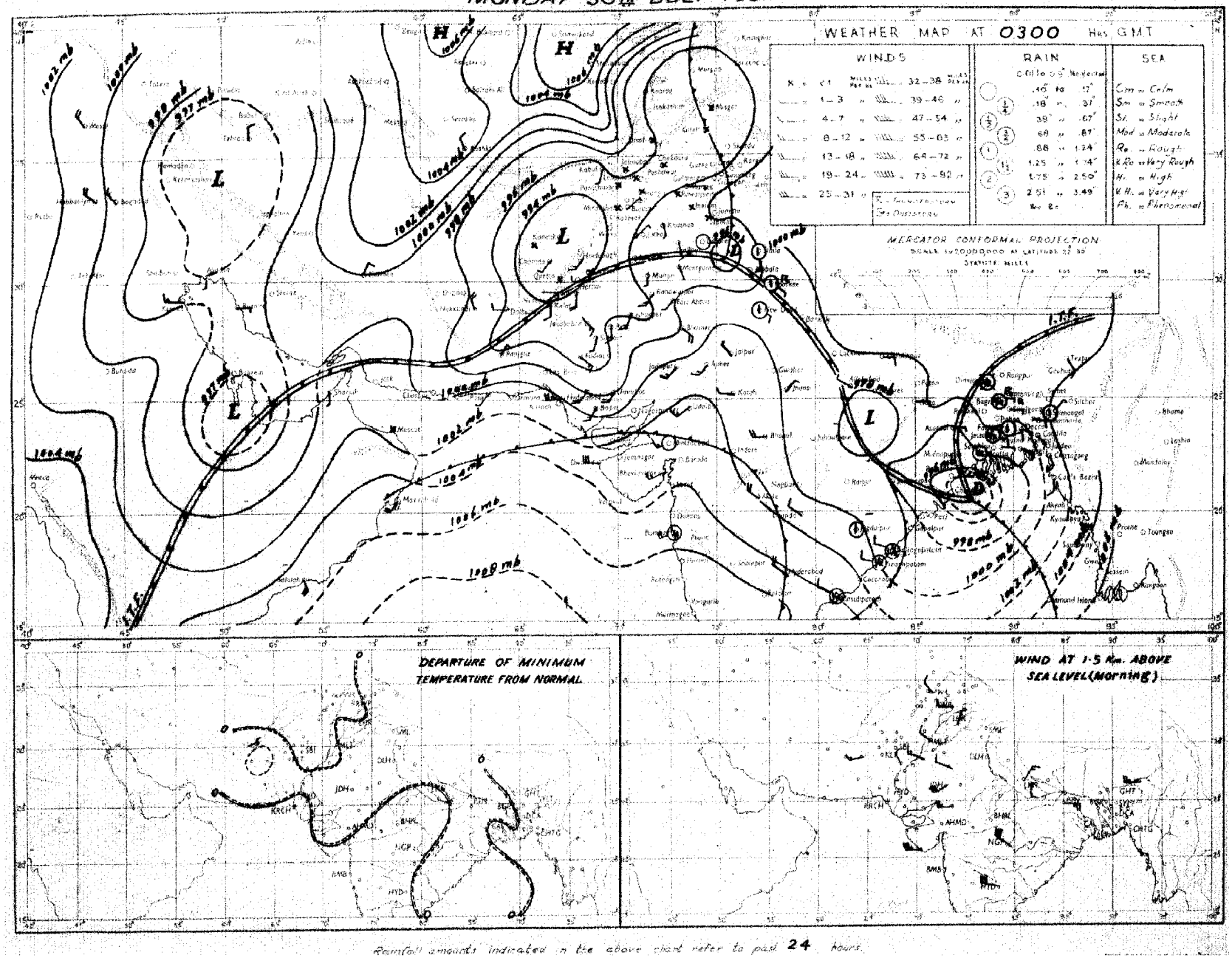
SUNDAY 29TH JULY 1951



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

PAKISTAN DAILY WEATHER MAP

MONDAY 30th JULY 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-1467

FOR TUESDAY, THE 31ST JULY, 1951

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

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

Yesterday's depression in the Bay of Bengal crossed coast near Chandbali last evening and is centred this morning about 80 miles west of Balasore. It is likely to move northwestwards.

Seasonal low extends from south Baluchistan to the south Punjab.

Latest observations from East Pakistan are absent. Local rain/thundershowers have occurred in East Pakistan and the north Punjab. Dustraising winds have been reported from Sind-Mekran coast. Srimangal reported 1" rain till yesterday evening and Murree ½" till today morning.

Day temperatures were appreciably above normal in the North-West Frontier Province and upper Sind.

Forecast valid until the evening of 1st :—Fairly widespread rain will occur in East Pakistan and local thunderstorms/showers in the extreme north Punjab and Kashmir. Scattered dust/thunderstorms will occur in plains of the Punjab and the North-West Frontier Province. Dustraising winds will also occur in south Baluchistan and Sind.

Karachi-11.
The 31st July, 1951.

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

OBSERVATIONS

Division	Station	At 1200 Hrs. G. M. T of previous day: RRRTdTd	NddFf	VVwwW	PPPTT	NhCLhCMCH	WtDsDmTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	Nddff	VVwwW	PPPTT	NhCLhCMCH	WtDsDmTnTn	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	002 76	2 18 05	95 02 6	002 83	2 2 7 0 0	9 × × 85	215 78	8 13 05	93 62 6	026 79	2 2 4 2 0	9 × 0 76	+ 3	0	60.0	- 16.7	69.7	140
	Chittagong	000 75	5 14 09	97 02 6	989 80	8 2 5 0 8	7 9 9 56	019 76	8 13 18	96 03 6	014 80	8 7 4 -	8 × × 77	0	0	45.8	+ 0 8	74.8	108
	Comilla	000 77	7 13 09	98 03 1	989 80	7 4 7 0 0	- - - 87	000 77	7 13 19	98 03 1	012 82	7 4 7 0 0	- - 73	0	+ 1	58.1	+ 28 4	58.7	110
	Brahmanbaria	000 77	6 13 02	97 03 1	987 86	6 4 6 0 0	- - - 91	000 77	5 03 09	97 03 1	007 85	5 5 4 0 0	- - 79	—	—	24.2	- 1.7	33.1	94
	Dacca	××× 78	7 18 02	97 01 6	978 84	6 8 5 4 0	3 × × 85	-×× 80	8 11 05	96 21 6	992 87	6 5 4 4 0	2 × × 79	—		—		—	78
	Narayanganj	010 78	8 18 03	95 08 6	975 84	2 4 5 0 4	5 0 × 88	028 79	8 16 07	95 03 6	990 85	7 5 5 4 ×	9 × 0 80	0	+ 1	37.1	+ 11 8	50.2	74
	Mymensingh	000 80	8 00 00	99 02 2	998 87	8 8 0 × ×	- 98	021 80	8 09 05	99 02 6	006 84	8 4 7	0 × × 80	+ 3	+ 2	27 7	6.0	35.9	91
	Srimangal	104 72	5 00 00	97 01 9	988 79	3 8 7 0 2	2 6 × 91	104 75	7 13 02	97 02 1	015 83	4 3 6 2 1	0 6 4 77	+ 1	+ 1	35 2	+ 2.4	64.1	98
	Khulna	000 78	5 13 02	96 02 2	970 84	5 4 7 0 2	- - - 89	000 81	5 11 03	96 03 1	985 86	5 4 6 0 0	- - - 81	- 3	+ 3	24.4	- 2 5	32 9	48
	Satkhira							014 81	7 18 02	97 02 6	984 84	5 9 8 6 0	9 0 × 81		+ 3	17.3	- 8 5	25 8	48
	Jessore	000 77	4 18 05	96 02 2	965 86	4 8 6 0 0	- - - 91	012 81	6 18 09	96 02 6	979 86	6 8 6 0 0	8 × × ××	—		16.4	8 1	28.7	55
	Faridpur	016 79	5 06 09	96 02 6	970 88	3 4 6 1 0	3 × 1 83	016 78	6 06 09	97 01 6	989 64	4 4 6 1 0	2 × × 80	4	—	27.0	+ 1 4	34 3	72
	Barisal	××× 77	7 16 05	97 05 6	973 85	5 4 5 3 9	8 × × 88	××× 80	7 16 08	96 50 6	092 81	3 7 5 7 2	1 × × 80	+ 1	+ 2	27.5	- 4 9	37.1	61
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 79	8 09 05	98 02 2	970 56	7 2 7 × ×	- - - 87	047 80	8 09 02	98 02 2	980 ××	8 7 7 - -	1 0 0 80	0	+ 1	33.4	+ 14 2	38.9	64
	Bogra	000 79	4 13 03	96 02 1	967 86	2 1 6 0 8	- - - 90	000 79	7 09 03	96 01 1	989 83	5 5 5 0 7	- - - 81	+ 1	+ 2	27.6	+ 1.8	34.5	69
	Dinajpur	000 78	7 09 03	97 02 2	082 85	4 4 7 4 0	9 0 0 91	009 77	8 09 06	97 02 2	020 83	8 4 7 0 0	9 0 0 79	+ 1	0	26 8	- 2 3	31.0	72
	Rangpur	001 ××	3 09 02	98 02 5	— —	3 1 3 0 0	- - - —	028 ××	6 11 05	97 01 6	--- —	8 5 8 0 0	8 0 0 —	—	—	48.0	+ 14.2	57.8	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 65	2 18 02	98 01 0	987 98	0 0 9 2 0	0 0 5 99	000 89	8 29 02	95 02 9	960 88	6 3 9 0 0	3 0 0 81	- 2	- 1	1.7	- 2.4	5.7	12
	Lahore							000 79	4 18 05	98 02 1	972 84	1 1 7 5 0	9 × 1 80		- 2	6.5	- 0.8	10.5	19
	Sialkot	000 80	7 13 02	97 08 1	982 88	3 5 6 4 0	- - 91	008 77	6 18 02	97 02 1	971 87	6 0 8 4 0	- - - 81	- 5	+ 2	4.3	- 6.4	8.8	32
	Jhelum	000 78	6 13 05	97 13 9	985 92	4 3 6 0 9	2 9 6 00	000 78	7 00 00	— —	973 85	7 3 8 0 0	- - - 82	—	—	5.1	—	14.6	—
	Rawalpindi	000 72	6 18 02	98 08 1	026 95	6 2 7 0 0	9 × × 09	000 74	6 00 00	98 08 9	974 85	6 9 5 0 0	6 × × 81	+ 8	+ 4	4.8	- 5.6	15.6	36
	Murree †	012 65	3 09 02	94 02 6	902 69	3 9 3 -	2 × × 94	020 65	9 27 03	90 49 9	910 65	9 - 0 - -	4 × × 62	—	—	10.7	5.7	38.4	59
	Attock	××× ××	× 00 00	96 00 0	— —	4 × 6 0 0	- - - -	××× ××	0 20 06	98 00 0	— —	0 0 9 0 0	- - - -	—	—	—	—	—	—
	Khushab	000 71	3 20 05	98 01 1	027 03	1 3 8 × 4	- - 04	000 78	5 11 05	99 01 1	972 87	1 3 8 4 ×	- - - 85	+ 2	+ 3	1.7	- 3.6	7.4	15
	Montgomery	000 76	2 07 03	97 01 1	040 97	0 0 9 3 0	9 × 0 06	000 78	8 00 00	96 02 1	967 85	0 0 9 7 0	5 × 0 83	- 3	0	1.6	- 2.4	5.3	10
	Leiah	000 79	2 27 03	97 02 0	025 06	0 0 9 0 3	- 07	000 81	3 05 04	97 02 0	954 92	0 0 9 0 2	89	—	—	0.5	—	6.5	8
	Multan							000 75	2 16 05	98 01 1	969 89	0 0 9 8 0	4 9 9 88		+ 3	1.6	- 1.0	4.6	7
	Khanpur	000 71	0 28 03	93 05 0	025 07	0 0 9 0 0	- - - 07	000 74	0 18 09	95 05 0	968 85	0 0 9 0 0	- - - 83	+ 4	0	0.2	- 2.5	1.9	6
	Bahawalpur	000 80	0 00 00	97 00 0	030 00	0 0 9 0 0	- - - 05	000 78	0 23 09	97 00 0	978 87	0 0 9 0 0	- - - 86	+ 4	+ 3	0	- 2.7	2.1	6
	Fort Abbas	000 94	7 23 02	95 03 2	030 04	0 0 9 3 0	0 × 8 05	000 73	0 23 05	96 00 0	971 88	0 0 9 0 0	0 × × 71		—	0.3	—	1.2	6
N. W. F. P.	Drosh *	000 56	5 25 14	98 01 1	827 97	4 4 6 3 0	6 × 9 99	000 63	2 00 00	97 02 1	876 84	0 0 9 6 0	3 × 8 80	+ 2	+ 7	1.0	—	21.2	18
	Chakdara	000 71	0 00 00	99 00 0	904 97	0 0 9 0 0	- - 00	000 74	0 18 07	98 00 0	955 87	0 0 9 0 0	- - - 80	—	—	2.3	—	14.7	—
	Cherat *	000 68	2 17 02	97 01 1	989 94	2 2 9 0 0	4 × × ××	000 73	0 13 07	98 42 4	905 74	0 0 9 0 0	- - - 72	—	+ 1	1.6	- 2.2	25.6	26
	Peshawar																		14
	Parachinar	000 54	6 13 02	99 02 2	908 87	2 2 7 6 0	5 × 7 90	000 60	4 00 00	99 00 2	906 72	0 0 9 6 0	6 × 9 68	+ 4	+ 2	4.2	—	22.0	20
	Miranshah	000 74	× 07 05	98 08 9	858 97	5 2 6 4 5	- - 98	000 72	0 00 00	99 00 0	871 90	0 0 9 0 0	- - 82	—	—	1.0	1.4	7.9	12
	Bannu	000 72	0 09 07	99 00 0	025 00	0 0 9 0 0	- - - 01	000 75	0 00 00	98 00 0	962 89	0 0 9 0 0	- - 87	—	—	1.2	—	6.1	11
	D. I. Khan	000 78	3 09 00	97 02 0	921 02	0 0 9 0 5	- - - 02	007 82	5 07 02	98 01 1	952 88	0 0 9 6 0	0 × 7 80	—	—	0.6	- 2 3	2.3	8
	Wana																		11
	Landikotal	000 70	2 05 02	97 02 1	845 96	2 5 6 0 0	- - - 97	000 75	0 05 03	99 00 0	875 88	0 0 9 0 0	- - - 77	—	—	0.5	—	10.1	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	— —	0 00 00	97 00 0	— -	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	3 18 09	98 01 1	— —	1 8 7 0 1	- - - —	— —	0 09 09	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 28	0 00 00	98 00 1	885 02	0 0 9 0 0	3 × × 02	000 65	0 00 00	96 00 2	870 88	0 0 9 0 0	8 × × 79	+ 3	+ 18	0.2	- 2.6	6.1	11
	Hindubagh	000 42	0 16 05	98 00 0	875 94	0 0 9 0 0	- - - 97	000 56	0 23 00	96 00 0	878 82	0 0 9 0 0	- - - 70	—	—	0	—	8.8	—
	Loralai	000 46	4 18 06	96 03 0	890 93	0 0 9 7 0	- - - 96	000 59	3 13 02	97 01 1	878 79	0 0 9 7 0	- - - 67	—	—	0.4	—	6.5	—
	Harnai (a)	000 ××	3 09 02	94 01 4	— —	0 0 9 0 5	- - - —	000 ××	0 00 00	94 06 4	— —	0 0 9 0 0	- - - —	.	.	0.9	- 3.0	9.4	14
	Sibi	000 57	0 23 05	98 00 0	908 11	0 0 9 0 0	- - - 12	000 80	0 18 05	99 00 0	940 91	0 0 9 0 0	- - - 88	—	—	1.2	—	2.7	5
	Quetta †	000 58	0 34 08	98 00 0	900 93	0 0 9 0 0	- - - 95	000 53	0 34 02	98 10 0	902 72	0 0 9 0 0	- - - 55	—	—	0	- 0 6	8.5	8
	Chaman	000 71	0 31 02	97 00 0	857 98	0 0 9 0 0	- - - 99	000 80	0 19 02	97 00 0	888 80	0 0 9 0 0	- - 79	- 1	- 2	0	- 0.1	9.8	8
	Nushki	000 39	0 31 05	98 00 0	914 05	0 0 9 0 0	- - - 04	000 45	0 09 09	97 00 0	948 80	0 0 9 0 0	- - - 79	—	—	0	—	6.4	—
	Dalbandin *	000 82	0 25 05	94 05 0	872 06	0 0 9 0 0	- - - 00	000 24	0 00 00	95 05 0	890 76	0 0 9 0 0	- - 67	- 9	11	0	- 0.1	1.8	4
	Nokkundi	000 56	0 27 05	99 00 0	913 07	0 0 9 0 0	0 0 × 09	000 48	0 05 02	99 00 0	956 90	0 0 9 0 0	- - - 76	—	—	0	—	0.9	2
	Kalat †	000 84	0 36 05	98 00 0	969 87	0 0 9 0 0	- - - 90	000 33	0 18 02	98 00 0	925 68	0 0 9 0 0	- - - 57	- 1	- 4	0.1	- 0.7	9.1	7
	Turbat	000 70	0 22 03	97 03 1	986 02	0 0 9 0 0	- - - 03	000 74	8 28 02	95 02 2	018 83	0 0 7 9 0	9 0 × 80	—	—	0	—	1.4	—
	Panjgur *	000 19	1 31 02	97 03 0	880 01	0 0 9 0 1	9 6 × 02	000 79	1 27 02	97 03 1	981 80	0 0 9 0 1	9 4 × 70	- 1	- 7	0	—	3.2	3
	Las Bela							000 74	7 00 00	97 00 9	988 80	7 0 6 3 0	1 0 6 77		—	—	—	—	8
	Ormara	000 78	3 25 18	94 78 1	988 85	3 5 6 0 0	- - - 88	000 78	8 25 09	94 05 2	008 81	8 5 6 0 0	- - - 80	—	—	0	- 0.7	2.7	6
	Pasni	000 75	5 23 09	96 09 3	006 85	0 0 9 4 0	9 × 5 88	000 75	8 23 05	96 08 2	008 81	0 0 9 1 0	9 × 5 79	3	1	0.5	- 0.2	4.7	6
	Jiwani																		4
SIND	Rohri	000 90	0 23 09	98 00 0	928 09	0 0 9 0 0	- - - 09	000 81	0 18 12	98 00 0	957 83	0 0 9 0 0	- - - 81	—	—	0	—	0.6	—
	Jacobabad	000 88	0 23 09	98 00 0	922 09	0 0 9 0 0	- - - 09	000 73	0 09 06	98 00 0	951 87	0 0 9 0 0	- - - 84	+ 2	0	0.2	- 1.0	0.7	4
	Sukkur	000 78	0 00 00	98 00 0	919 08	0 0 9 0 0	- - - 03	000 74	0 20 03	98 00 0	945 84	0 0 9 0 0	- - - 83	—	—	0	—	0.5	4
	Pad Idan	000 68	0 18 02	98 00 1	919 13	0 0 9 0 0	- - - 14	000 76	2 18 00	98 01 1	944 85	0 0 9 0 1	- - - 81	—	—	0	—	0.1	—
	Karachi (Manora)	000 77	8 25 11	96 02 2	986 84	3 6 4 0 0	- - - 87	000 76	8 27 13	99 10 2	997 80	8 6 4 - -	- - - 79	0	0	0.8	- 3 4	0 5	8
	Karachi (A. P.)	000 77	3 25 30	95 07 1	984 86	3 6 5 0 0	- - - 89	000 73	8 25 21	96 02 2	996 82	8 6 5	- - - 81	—	—	1.6	—	1.7	—
	Badin	000 74	6 23 00	97 03 1	980 89	0 0 9 0 3	- - - 91	000 79	6 23 10	97 03 2	986 84	0 0 9 0 4	- - - 80	- 2	- 1	2.3	- 1.7	2.3	9
	Nagarparkar																		
	Chhor (Umarkot)	000 75	6 23 14	97 05 1	056 02	0 0 9 2 1	- - - 97	000 74	0 23 12	97 02 1	975 88	0 0 9 0 0	- - - 80	—	—	0.8	—	0.8	—
	Hyderabad	000 71	0 23 06	97 00 0	050 97	0 0 0 0 0	- - - 00	000 78	0 23 09	95 00 0	983 84	0 0 9 0 0	- - - 80	+ 3	0	0.4	- 3.0	0.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 34	0 02 02	93 00 0	021 92	0 0 9 0 0	- - - 94	008 37	0 20 02	98 00 0	946 70	0 0 0 0 0	- - - 56	—	—	0	—	3.3	12
	Jalalabad	000 46	2 09 03	97 01 0	078 92	0 0 9 7 0	3 × 9 02	000 72	0 13 02	96 00 1	982 89	0 0 9 0 0	9 × × 59	—	—	0.5	—	6.9	—
	Kandahar	000 57	0 00 00	96 00 0	021 96	0 0 9 0 0	- - - 02	000 76	0 00 00	97 00 0	851 76	0 0 9 0 0	- - - 61	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY THE 31ST JULY, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_M D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP.TT	$N_h C_L h O_M O_H$	$W_1 D_M D_M T_n T_n$	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:	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Jask	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
	Masned	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Arabia	Muscat	000 84	0 81 05	99 00 0	974 92	8 6 0 0 0	- - - 24	000 88	0 00 00	96 00 0	987 90	0 0 0 0 0	- - - 88	+2	0	0	0.1	0.2	4
	Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Kuwait	...	...	...	...	...	...	000 xx	0 27 05	97 00 0	972 94	0 0 0 0 0	- - - xx	...	...	...	...	1.8	4

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,499-6,713 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 Control, 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 $L_a L_a$	$L_o L_o$ 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 hshs	O $T_s T_s T_d T_d$	$I_d w_d w_s P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kimaria	23 104	752 12	7 81 10	98 02 1	097 88	71 6 x7				
Merkhor	23 096	689 00	0 24 06	99 01 0	100 80	00 0 00	2 5 300	8 52 74		
Kampala	23 095	662 06	6 26 13	99 03 0	117 82	41 7 01	5 5 xxx	9 01 75	1 27 98	
Kimaria	23 095	767 06	4 81 09	98 02 0	098 81	11 6 09				
Merkhore	23 093	714 12	1 80 10	99 02 0	095 84	11 7 00	2 5 xxx	0 01 74		
BAY OF BENGAL										
Taksong	22 110	95 000	7 25 18	98 81 1	085 81	67 x 9x	7 4 306	...	0 58 74	1 25 x8

Radio-Sonde Data (Temperatures in °C)

of previous day.

TATION	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	789 14	996 28 201 60	854 67	871 10	700 24	150 32 509 32	000 94 302 22	759 94	556 55	309 07 222 17 299 00 282 02	528 87	270 96	658 00	250 69	456 60	005 01 514 00	570 97	848 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	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	7	8	9	12	11	12	13	14	15	16	17	15	19	20	21	22	23	24	25
Bogra	13 16	11 10	13 21	13 23	...	...	...	...	...	...	13 15	15 20	15 20	...	...	...	10 22	...	...	...	...	...	...	...
Ghior	23 29	28 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23 07	...	...	...	...	...	...	...
Chittagong	17 22	16 28	16 31	15 42	...	...	...	...	...	...	14 21	15 27	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	17 24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	15 28	16 23	15 22	...	...	...	...	...	...	...	15 14	...	...	23 15	21 16	20 19	14 15	...	...	27 02	23 10	22 17	20 17	...
Dalbandin	...	...	28 04	27 07	27 20	14 08	29 10	...	...	...	...	...	...	...	20 04	21 08	...	...	...	...	...	21 03	05 08	15 02
Drosh	...	...	...	...	30 03	19 02	20 08	22 04	21 10	...	...	...	...	...	21 01	19 06	...	...	...	...	...	...	...	...
Port Sandeman	...	...	...	08 04	09 02	29 10	22 15	...	...	...	...	...	...	...	...	24 06	...	...	...	24 02	26 06	24 20	22 13	08 12
Jacobabad	14 14	15 02	25 02	25 06	25 10	25 12	29 08	10 06	26 11	21 09	19 10	19 07	22 09	22 00	23 04	26 05	14 08	09 02	07 01	22 03	23 07	25 04	09 16	...
Jheium	19 05	29 08	27 02	32 04	33 06	34 06	...	...	...	...	15 05	15 09	14 09	24 03	24 06	...	15 01	15 06	15 09	11 03	20 09	...	...	...
Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	27 33	27 31	28 25	...	27 05	31 11	27 04	28 07	30 08	...	27 22	27 21	...	20 08	20 08	20 05	28 22	28 23	...	...	...	...	...	...
Khanpur	19 07	19 08	19 07	20 05	25 05	31 11	...	...	...	...	19 13	20 12	20 08	26 08	26 05	25 12	19 13	21 18	18 05	21 05	26 08	26 14	27 25	...
Lahore	09 08	09 10	05 12	32 07	26 16	26 17	...	...	...	...	09 13	10 16	07 06	05 06	01 02	02 15	11 09	11 16	10 17	06 15	08 18	08 14	...	...
Multan	18 02	20 06	17 06	05 07	29 01	30 09	...	...	...	...	14 14	15 07	20 05	25 05	22 03	...	21 10	22 09	25 06	27 06	25 06	22 15	20 13	...
Peshawar	...	24 10	31 07	26 03	26 05	25 04	22 10	21 03	13 09	...	...	22 12	28 09	29 19	22 07	11 04	...	15 02	14 01	21 06	20 06	20 05	22 02	05 02
Quetta	...	...	...	...	29 08	28 12	30 07	31 04	31 15	23 17	...	...	...	...	27 11	29 09	...	...	...	...	28 01	29 15	16 06	22 14
Rushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Cloud Observation Data (iiiGG Cddv, v,)

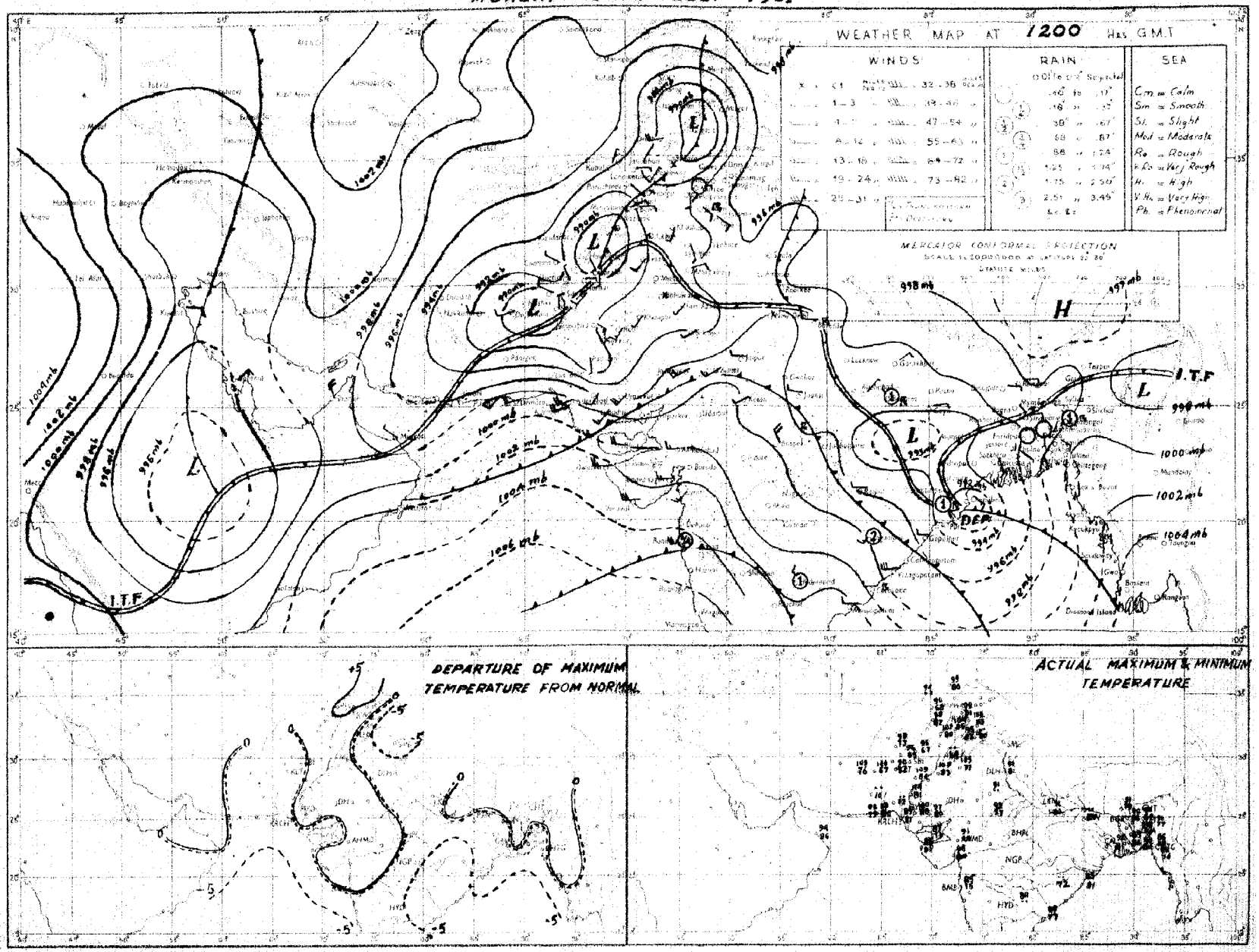
Lahore 04003 40481

* 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

N P. W.

PAKISTAN DAILY WEATHER MAP

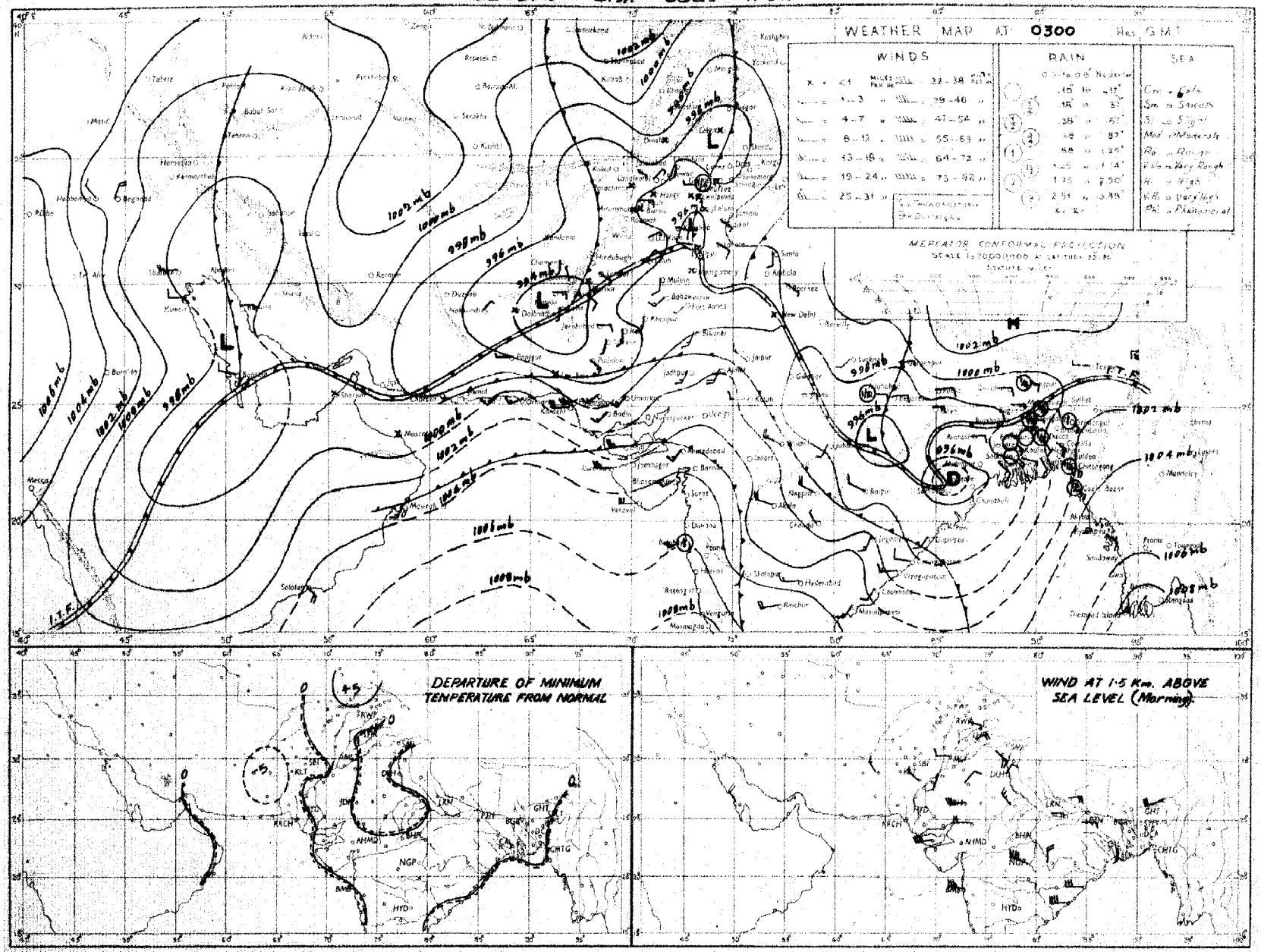
MONDAY · 30th JULY 1951



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 31st. JULY 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-1167
LIBRARY DEC 10 1951 WEATHER BUREAU

FOR WEDNESDAY, THE 1ST AUGUST, 1951

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

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

Yesterday's depression in the neighbourhood of Balasore moved northwestwards, weakened, and lies this morning as a trough extending from east United Province to Orissa.

Seasonal low lies over the north Punjab.

Widespread rain has occurred in East Pakistan. Local thunderstorms/showers have occurred in the extreme north Punjab and scattered in the North-West Frontier Province. Scattered dust/thunderstorms have been reported from the plains of the Punjab.

Chief amounts of rainfall are :—Chittagong and Jhelum 3" each, Rawalpindi and Bannu 2", Comilla, Narayanganj and Murree 1½" each, Cox's Bazar, Khulna, Faridpur, Sirajganj and Dinajpur ½" each, and Mymensingh and Satkhira ¾" each.

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

Forecast valid until the evening of 2nd :—Fairly widespread and locally moderate to heavy rain will occur in East Pakistan and local thunderstorms/showers in the north Punjab, the upper North-West Frontier Province and Kashmir. A few dust/thunderstorms followed by showers will occur in plains of the Punjab and the lower North-West Frontier Province.

Karachi-11,
The 1st August, 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 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	018 72	× ×× ××	96 08 6	001 82	2 2 4 2 0	9 × 0 88	061 79	8 18 08	95 62 6	027 80	2 2 5 2 0	9 × 0 77	+ 3	+ 1	50.6	- 16.9	60.3	140
	Chittagong	045 79	8 ×× ××	96 62 6	998 80	8 0 5 2	9 9 × 85	286 75	8 ×× ××	96 58 6	012 89	8 0 5 2 -	5 × 9 77	- 1	+ 1	48.7	+ 3 5	77.4	109
	Comilla	010 70	7 13 09	98 02 6	975 82	7 4 7 0 0	3 0 0 82	148 78	8 13 09	98 50 6	022 79	8 5 6 - -	9 0 0 78	- 6	+ 1	59.5	+24 2	60.2	118
	Brahmanbaria	000 79	4 16 05	97 93 1	986 88	4 4 4 0 0	- - 89	000 79	8 19 05	97 03 1	012 82	3 5 5 2 ×	0 × 4 79	—	—	24.2	- 2.8	33.1	84
	Dacca	××× 73	7 16 05	93 02 6	083 83	5 8 4 3 0	7 × × 67	××× 60	8 13 05	96 21 6	000 81	5 7 4 3 -	4 × × 77	—	—	—	—	—	78
	Narayanganj	028 70	4 19 05	96 03 6	967 85	1 2 5 0 7	9 0 - 87	136 80	8 13 05	95 03 6	001 83	8 5 3 - -	9 × × 77	- 1	- 2	28.5	+12 7	57.6	74
	Mymensingh	015 81	8 00 00	98 02 6	976 86	8 4 7	0 × × 90	080 79	8 00 00	96 60 6	007 82	8 0 5 - -	0 × × 79	+ 3	+ 1	28 0	6 1	30.2	91
	Srimangal	009 79	7 09 02	97 02 6	984 83	5 5 7 0 1	5 5 × 68	011 77	8 13 02	97 02 5	021 79	8 5 7 - -	3 × × 77	- 2	+ 1	35.8	+ 2.1	64.3	99
	Khulna	021 79	5 11 05	96 00 5	060 86	5 2 6 0 2	- - - 90	047 81	4 13 02	98 01 5	991 85	4 8 7 0 0	- - - 79	+ 3	+ 1	24.9	- 2 4	33 4	68
	Satkhira	000 81	7 18 03	97 03 1	962 87	5 9 6 6 0	5 0 × 91	024 75	8 18 02	97 03 6	994 85	5 9 7 6 0	4 0 × 78	+ 3	0	17.5	- 8 6	26 1	65
	Jessore	009 77	5 13 02	96 02 2	956 88	6 8 6 1 1	- - - 93	006 80	8 18 03	96 03 6	987 84	8 8 6 - -	5 0 0 ××	—	—	16.4	- 8.4	23.8	66
	Faridpur	018 81	6 06 09	96 02 9	967 85	4 4 6 1 0	8 × 1 85	044 80	8 08 02	96 70 6	993 81	8 6 5 - -	4 × × 78	- 2	- 1	27.4	+ 1.4	34 7	71
	Barisal	××× 79	6 18 03	92 08 1	966 85	6 7 5 2 -	- - - 88	××× 80	8 16 03	96 08 6	999 83	5 8 5 7 -	7 × × 78	+ 1	0	—	—	—	83
	Pabna																		58
	Rampur Boalia																		56
	Sirajganj	000 79	8 09 08	98 02 2	959 95	8 2 7 - -	- - - 97	051 79	8 09 03	98 02 2	990 82	8 4 7 - -	1 0 0 80	+10	+ 1	38.0	+14 4	39.4	64
	Bogra	000 78	6 09 02	96 01 6	966 86	6 6 5 0 0	- - - 89	008 79	6 09 03	96 03 6	992 83	6 8 6 2 2	- - - 80	0	+ 1	27.7	+ 1.4	34.6	69
	Dinajpur	000 77	0 09 02	97 00 2	966 87	0 0 9 0 0	- - - 90	046 78	7 36 05	97 02 2	031 64	4 4 7 4 0	9 0 2 30	0	+ 1	27.3	- 2.8	31.5	72
	Rangpur	000 ××	2 07 03	97 02 1	— —	2 1 9 0 0	- - - —	006 ××	5 09 05	97 01 5	— —	5 5 8 0 0	- - - —	—	—	48.0	+ 13.7	57.6	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Allabad																		—
PUNJAB	Lyallpur							000 83	1 18 02	96 01 9	949 88	0 0 0 0 3	0 0 0 83		+ 2	1.7	- 2.5	5.7	12
	Lahore	000 79	2 09 02	97 02 1	025 94	1 1 7 4 1	9 9 9 95	000 79	4 13 07	96 02 1	966 85	1 1 7 5 0	9 × 5 88	- 4	+ 4	6.5	- 0.8	10.5	19
	Sialkot	000 76	4 86 02	97 02 1	024 94	4 0 8 4 0	- - - 96	000 74	7 12 02	97 02 1	977 85	2 6 6 4 0	- - - 81	0	+ 2	4.3	- 0.7	8.2	33
	Jhelum	000 77	5 05 03	97 01 5	932 95	1 1 7 7 0	- - - 95	324 73	8 18 03	93 95 9	938 74	0 8 5 2 -	6 × 9 73		—	8.8	—	17.8	—
	Rawalpindi	000 76	2 00 00	97 01 9	030 92	0 0 5 2 0	5 × 0 94	238 69	8 00 00	93 97 9	992 70	8 9 5 - -	7 × × 70	- 2	0	7.2	- 3 5	18.0	30
	Murree †							160 59	8 27 05	96 81 9	910 61	8 9 3 - -	5 × × 59	—	+ 1	13.3	4.5	35.1	59
	Attock	××× ××	0 26 12	96 00 0	— —	0 0 0 0 0	- - - —	××× ××	8 13 09	96 00 2	— —	8 0 6 2 -	- - - —		—	—	—	—	—
	Khushab	000 76	1 11 05	97 01 1	921 00	1 0 3 8 ×	- - 01							- 1					16
	Montgomery	000 76	6 00 00	98 02 1	027 98	3 4 7 7 0	9 × 0 02	000 79	6 00 00	96 02 1	948 90	0 0 9 7 7	5 0 0 85	- 1	+ 2	1.6	- 1.8	5.8	10
	Leiah	000 79	2 18 02	97 01 9	966 09	0 0 9 0 2	- - 00	000 81	2 18 05	97 02 1	941 93	0 0 9 0 3	- - - 91	—	—	0.5	—	6.5	8
	Multan	000 69	8 27 02	97 02 2	031 06	0 0 9 0 7	3 9 9 08	000 75	0 18 02	95 06 1	950 89	0 0 9 0 0	9 9 9 87	+ 7	+ 3	1.6	- 1.1	4.6	7
	Khanpur	000 87	0 18 05	95 05 0	017 08	0 0 9 0 0	- - - 09	000 74	0 18 09	94 04 9	959 88	0 0 9 0 0	- - - 88	+ 6	+ 1	0.2	- 2 5	1.9	6
	Bahawalpur	000 79	0 00 00	97 00 0	022 05	0 0 9 0 0	- - - 06	000 77	0 16 09	97 00 0	952 87	0 0 9 0 0	- - - 84	+ 5	+ 1	0	- 2.8	3.1	8
	Fort Abbas	000 88	7 28 02	95 08 5	032 98	0 0 9 8 0	5 × 8 06	000 67	0 23 03	96 03 1	980 87	0 0 9 0 0	0 4 - 70	—	—	0.3	—	1.2	8
N. W. F. P.	Drosh *	000 69	2 25 14	98 01 1	809 98	2 1 7 0 0	3 × × 00	000 66	2 00 00	97 02 1	862 84	2 2 7 0 0	3 × × 81	+ 3	+ 8	1.0	—	21.2	12
	Chakdara	000 76	0 31 02	99 00 0	906 95	0 0 9 0 0	- - 98	000 74	0 09 00	98 00 0	889 87	0 0 9 0 0	- - - 80	—	—	2.3	—	14.7	—
	Cherat *	000 67	5 13 10	97 02 1	858 87	0 0 9 5 8	2 6 0 ××	000 72	8 16 05	97 03 1	694 75	0 8 9 9 0	1 × 6 73	×	+ 2	1.4	- 1 4	23.6	29
	Peshawar	000 74	5 05 02	95 05 1	904 01	5 9 8 0 0	- 03	000 76	4 34 03	96 02 1	946 87	3 9 6 3 0	- - - 85	+ 3	+ 6	0.4	- 1.2	7.7	14
	Parachinar	012 64	7 23 02	98 05 9	398 72	3 2 4 6 0	1 × 9 90	012 63	6 00 00	98 02 9	899 76	3 2 5 6 0	9 × 9 68	+ 4	+ 3	4.3	—	22.1	20
	Miranshah	000 74	0 11 04	97 00 0	850 98	6 2 6 4 5	- - - 99	000 74	0 00 00	99 00 0	881 88	0 0 9 0 0	- - 84	—	—	1.0	- 1.5	7.9	12
	Bannu	000 70	0 18 02	99 00 0	997 02	0 0 9 0 0	- - - 08	238 69	8 00 00	98 97 0	992 70	8 9 5 0 0	7 × × 79	—	—	3.6	—	8.5	13
	D. I. Khan	000 77	0 05 02	96 00 2	916 05	0 0 9 0 0	- - - 05	000 81	0 00 00	96 00 0	982 95	0 0 9 9 0	- - - 82	—	0	0.6	- 2 3	2.3	9
	Wana																		11
	Landikotal	000 74	5 02 07	97 02 1	842 98	5 8 5 0 0	- - - 96	000 75	1 00 00	98 02 -	865 84	1 4 6 0 0	- - - 78	—	—	0.5	—	10.1	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	87 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thull	××× ××	4 27 12	97 03 1	— —	2 8 7 1 1	- - - —	××× ××	8 09 09	98 02 1	— —	2 6 7 1 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 34	2 05 07	98 01 0	854 08	0 0 9 4 0	0 × × 04	000 60	0 00 00	96 05 0	861 82	0 0 9 0 0	0 × × 78	+ 5	+ 4	0.2	- 2.7	8.1	15
	Hindubagh	000 40	0 23 10	98 00 0	872 94	0 0 9 0 0	- - - 97	000 61	0 25 05	97 00 0	890 88	0 0 9 0 0	- - - 72	—	—	0	—	5.3	—
	Loralai	000 74	0 13 08	98 00 1	855 95	0 0 9 0 0	- - - 97	000 57	0 00 00	98 00 0	897 78	0 0 9 0 0	- - - 66	—	—	0.4	—	6.8	—
	Harnai (a)	000 ××	0 09 08	96 00 1	— —	0 0 9 0 0	- - - —	000 ××	0 27 08	95 00 0	— —	0 0 9 0 0	- - - —	—	—	0.9	- 3.8	9.4	14
	Bibi	000 62	2 23 05	99 01 1	901 10	0 0 9 8 0	- - - 11	000 70	0 13 05	98 00 0	948 99	0 0 9 0 0	- - - 87	—	—	1.2	—	2.7	8
	Quetta †	000 56	0 29 02	98 00 0	895 93	0 0 9 0 0	- - - 94	000 51	0 00 00	98 10 0	914 71	0 0 9 0 0	- - - 57	—	—	0	—	0.7	9
	Chaman	000 76	0 31 08	97 00 0	854 98	0 0 9 0 0	- - - 99	000 68	0 09 02	97 00 0	978 87	0 0 9 0 0	- - - 74	- 1	- 2	0	- 0.1	3.9	8
	Nushki	000 59	0 25 21	98 00 0	913 08	0 0 9 0 0	- - - 06	000 54	0 31 09	97 00 0	931 85	0 0 9 0 0	- - - 79	—	—	0	—	5.4	—
	Dalbandin *	000 42	0 13 02	96 00 0	865 06	0 0 9 0 0	- - - 07	000 43	0 27 02	96 00 0	876 75	0 0 9 0 0	- - - 67	- 3	- 6	0	- 0 1	1.6	4
	Nokkundi	000 79	0 27 05	99 00 0	895 09	0 0 9 0 0	- - - 10	000 59	0 32 02	99 00 0	945 89	0 0 9 4 0	- - - 77	—	—	0	—	0.9	2
	Kalat †	000 65	0 27 09	98 00 0	905 87	0 0 9 0 0	- - - 90	000 57	0 18 05	96 00 0	915 70	0 0 9 0 0	- - - 59	- 1	- 2	0.1	- 0.7	9.1	7
	Turbat	000 74	5 23 03	96 03 2	964 01	5 0 8 2 0	9 0 × 08	000 73	8 23 02	95 02 2	022 85	8 0 7 2 -	9 0 × 81	—	—	0	—	1.4	5
	Panjgur *	000 32	6 23 03	97 03 1	870 03	0 0 9 2 0	9 × 4 03	000 65	0 26 02	97 00 1	898 79	0 0 9 0 0	- - - 71	+ 2	- 5	0	—	3.3	5
	Las Bela																		6
	Ormara	000 79	2 26 13	99 07 0	974 85	2 5 6 0 0	- - - 87	000 78	8 25 09	94 40 2	002 81	8 5 6 - -	- - - 80	—	—	0	- 0.7	2.7	6
	Pasni	000 74	5 21 05	96 02 1	972 84	5 0 × 4 0	- - - 86	000 75	7 23 08	96 02 1	006 81	7 4 5 0 0	9 × × 79	- 5	+ 1	0.5	- 0.3	4.7	6
	Jiwani																		4
SIND	Reti	000 60	0 27 05	94 00 0	927 09	0 0 9 0 0	- - - 11	000 81	0 18 05	96 00 0	968 83	0 0 9 0 0	- - - 81	—	—	0	—	0.8	—
	Jacobabad	000 68	0 18 07	97 00 0	916 09	0 0 9 0 0	- - - 09	000 73	0 13 09	96 00 0	952 87	0 0 9 0 0	- - - 84	+ 2	+ 1	0.2	- 1.0	3.7	4
	Sukkur	000 78	0 20 02	96 00 0	912 10	0 0 9 0 0	- - - 10	000 74	0 20 08	96 00 0	940 84	0 0 9 0 0	- - - 80	—	—	0	—	3.5	4
	Pad Idan	000 71	1 18 05	98 01 1	908 10	0 0 9 0 1	- - - 11	000 75	2 13 09	98 01 1	942 86	0 0 9 0 1	- - - 81	—	—	0	—	0.1	—
	Karachi (Manora)	000 76	8 25 13	96 03 2	978 88	4 6 4 2 0	- - - 84	000 76	8 27 09	94 50 2	999 79	8 6 4 - -	- - - 78	- 3	- 1	0.8	- 2 5	0 5	8
	Karachi (A. P.)	000 75	8 25 21	96 02 2	979 88	8 6 5 -	- - - 86	000 75	8 27 10	96 50 1	000 81	8 6 4 - -	- - - 80	—	—	1.6	—	1.7	—
	Badin	000 74	6 23 10	97 03 2	973 87	0 0 9 0 8	- - - 90	000 76	6 33 07	97 03 2	986 88	0 0 9 0 3	- - - 81	- 3	+ 1	3.3	- 1.7	3.3	9
	Nagarparkar																		
	Chhor (Omarkot)	000 77	2 20 16	97 05 6	947 92	0 0 9 0 8	- - - 95	000 76	8 27 12	97 02 1	973 88	0 3 9 5 8	- - - 81	—	—	0.8	—	0.8	—
	Hyderabad	000 72	5 28 05	97 02 1	944 96	0 0 9 0 5	- - - 99	000 74	1 28 10	96 01 1	968 84	1 5 4 0 0	- - - 80	+ 2	0	0.4	- 2.1	0.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 28	1 18 02	98 01 0	994 96	0 0 9 4 0	- - - 97	000 28	0 16 02	98 00 0	022 65	0 0 9 0 0	- - - 61	—	—	0	—	0.9	12
	Jalalabad	000 46	4 00 02	96 01 0	909 40	× × × × ×	4 × 9 03	000 72	1 00 00	96 02 1	981 88	0 0 9 5 0	2 × 9 85	—	—	0.5	—	6.8	—
	Kandahar	000 65	0 00 00	98 00 0	881 98	0 0 9 0 0	- - - 01							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY THE 1ST AUGUST, 1951.

Division	STATION	At 1200 Hrs. G.M.T. of previous day. RRR T_dT_d	N dd	VV ww W	PPPTT	$N_h C_L hC_M C_H$	$W_1D_aD_mT_xT_n$	At 0300 Hrs. G.M.T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP.TT	$N_hC_L hC_M C_H$	$W_1D_aD_mT_nT_n$	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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
	Fasa	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6
	Mashed	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
	Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11
Arabia	Muscat	000 80	1 13 03	97 03 0	965 84	0 0 9 4 1	- - - 94	000 83	0 02 13	96 90 8	973 90	0 0 9 0 0	- - - 95	+ 2	...	0	- 0.1	9.8	4
	Bhariab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Kuwait	000 xx	0 11 02	97 00 0	961 01	0 0 9 0 0	- - - 04	000 xx	0 21 14	97 00 0	968 06	0 0 9 0 0	- - - 08	...	...	0	...	1.5	6

* Barometer readings reduced to 1 geodynamic Kilometre (5,250-5,256 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 Control, Air Post, 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	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ranchi	33 709	755 09	6 29 05	93 16 8	687 79	4 9 511	7 5 811	--	9 00 76	--
Kueria	33 128	627 06	6 27 14	97 93 1	004 82	4 1 710		--	9 03 74	--
Markhore	33 072	763 08	6 31 09	99 03 0	117 84	0 0 908	2 5 105	--	--	--
Umerca	32 138	733 18	7 28 18	98 14 2	068 85	7 1 81x		--	9 09 79	--
Ugolino Hivald	33 167	710 16	9 25 18	97 00 1	055 82	9 - 0-x	6 5 300	--	--	--
Umaria	33 146	728 18	2 27 17	95 03 0	085 82	2 1 500		--	8 51 79	1 25 x4
Tregenna	33 046	681 18	0 25 09	98 01 0	166 80	0 0 900	2 4 113	--	--	--
BAY OF BENGAL										
Taksong	31 151	928 00	8 25 13	98 02 2	068 81	8 7 x1x	7 4 306	8 5 5xx	8 53 78	1 25 33

Radio-Sonde Data (Temperatures in °C)

of previous day.

TATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X1	P1P1h1h1h1	T1T1Td1Td1Tx1 etc:	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc:					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Karachi ...	780 15	992 97	247 60	854 85	261 52	700 23	281 41	509 27	019 94	555 55	869 98	202 08	209 00	211 92
	16	17	18	19	20	21	22	23	24	25	26			
	488 46	261 54	948 00	241 69	456 09	059 97	525 85	699 97	755 32	919 97	885 07			

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	15	19	20	21	22	23	24	25	26
Bogra	--	10 18	11 16	11 20	23 38	--	--	--	--	--	--	--	--	--	--	--	--	13 32	--	--	--	--	--	--	--	--
Dhbo	--	22 30	18 29	22 21	--	--	--	--	--	--	--	--	--	--	--	--	--	26 25	24 20	--	--	--	--	--	--	--
Chittagong	--	18 23	19 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	17 19	17 25	--	--	--	--	--	--	--
Cox's Bazar	--	17 26	19 28	21 30	--	--	--	--	--	--	--	--	--	--	--	--	--	16 18	--	--	--	--	--	--	--	--
Dacca	--	--	--	--	27 01	20 09	22 09	23 12	26 26	--	--	16 31	17 13	17 14	--	--	--	--	--	--	27 01	15 03	26 01	27 10	25 13	21 13
Dalbandin	--	--	--	--	--	--	25 13	20 04	12 03	27 05	20 09	25 17	--	--	34 09	24 12	25 02	12 05	--	--	--	--	12 05	03 02	01 03	--
Drost	--	--	--	--	--	22 09	11 03	09 10	10 14	14 29	--	--	--	--	--	25 07	31 10	19 09	--	--	--	02 03	25 07	21 10	26 26	--
Fort Sandeman	--	--	--	--	--	--	01 13	86 10	53 03	30 09	02 06	--	--	--	--	25 03	27 07	24 10	--	--	--	--	25 03	21 10	--	28 10
Jacobabad	--	16 08	15 09	15 06	01 09	01 13	86 10	53 03	30 09	02 06	--	17 09	16 07	28 05	28 03	24 05	28 07	12 10	19 06	15 06	25 05	21 06	22 05	--	--	--
Jhelum	--	07 02	14 10	15 07	28 05	24 10	--	--	--	--	--	14 07	14 11	15 07	19 04	86 13	--	--	--	--	--	--	--	--	--	--
Jiwani	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Karachi	--	26 21	27 27	--	--	--	--	--	--	--	--	27 23	27 29	--	--	--	--	27 24	--	--	--	--	--	--	--	--
Khanpur	--	29 04	20 04	20 04	20 08	24 02	23 06	25 09	02 07	25 04	25 07	--	--	--	--	--	--	19 15	21 18	22 18	23 04	26 25	26 10	25 10	04 13	
Lahore	--	29 07	11 07	11 10	10 12	12 12	--	--	--	--	--	18 15	11 13	11 13	11 06	01 03	--	19 07	18 09	15 09	12 06	23 05	25 05	23 05	16 03	
Multan	--	29 07	22 07	21 05	15 05	06 03	02 03	--	--	--	--	16 16	16 15	17 10	22 05	--	--	21 19	31 15	13 11	21 05	25 06	31 07	24 07	15 06	
Peshawar	--	--	07 04	15 03	18 07	27 05	30 15	24 06	21 05	--	--	--	19 09	18 15	18 02	23 06	29 05	--	01 25	21 05	25 04	24 15	29 05	20 12	--	--
Quetta	--	--	--	--	--	11 04	27 12	17 11	16 18	24 02	--	--	--	--	--	24 08	25 11	--	--	--	--	30 09	29 18	--	--	--
Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Kharian	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

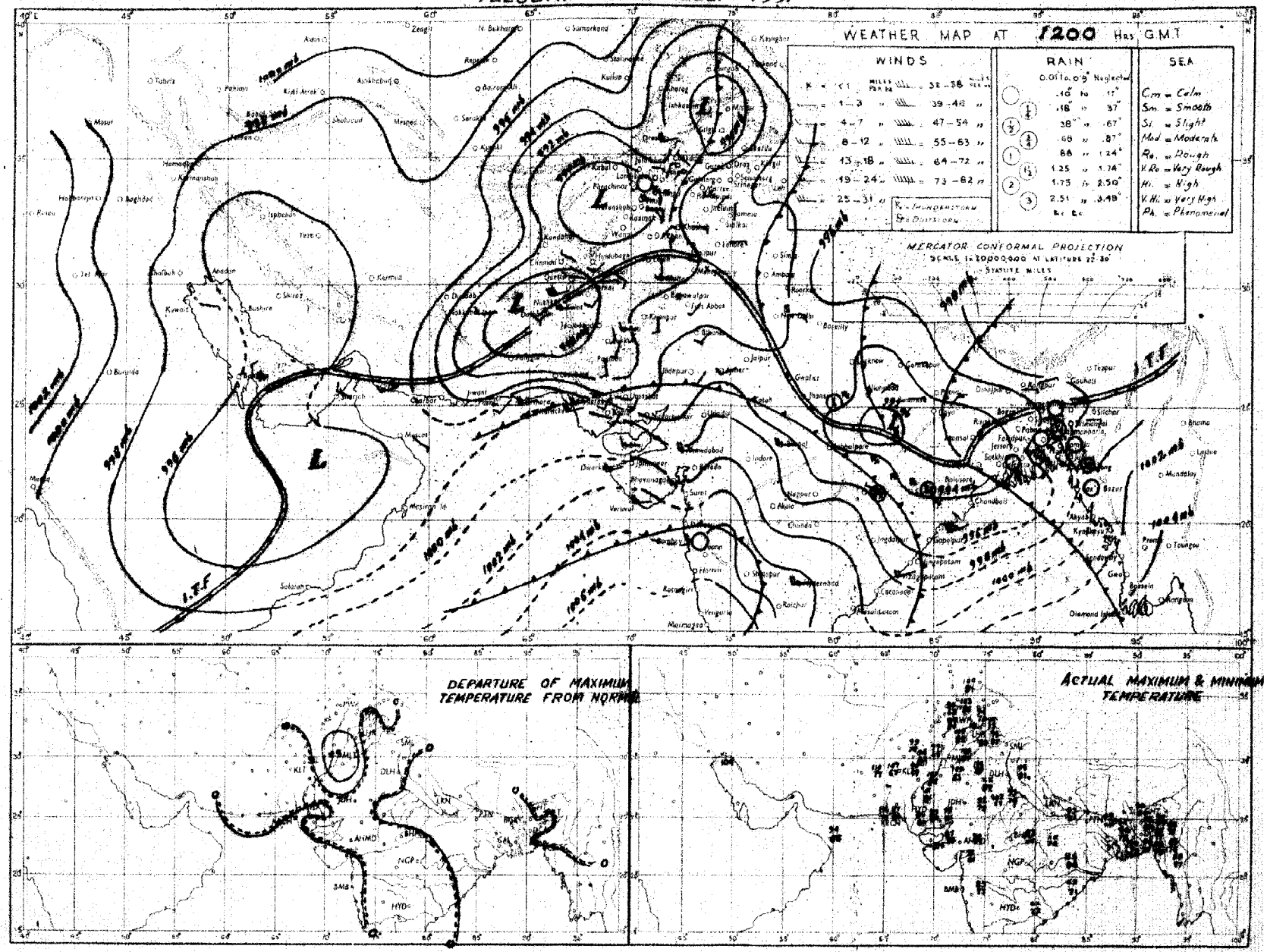
Cloud Observation Data (iiiGG Cddv, v,)

Multan 67508 40416

* 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.

PAKISTAN DAILY WEATHER MAP

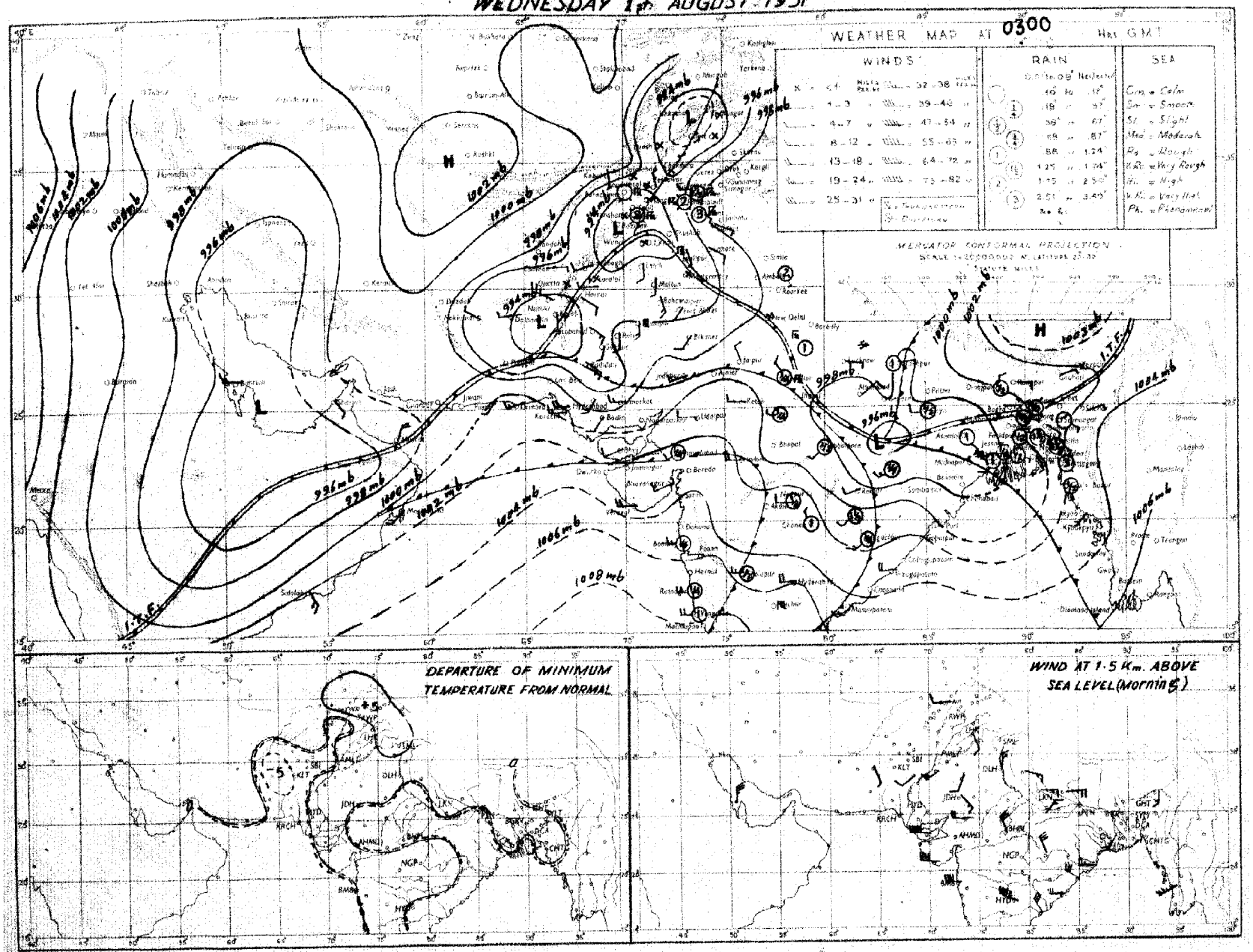
TUESDAY 31st JULY 1951



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 1st. AUGUST 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-1467

FOR THURSDAY, THE 2ND AUGUST, 1951

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

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

Seasonal low lies accentuated over Baluchistan.

Monsoon trough extends from east United Provinces to head Bay of Bengal.

Local rain/thundershowers have occurred in East Pakistan. Local thunderstorms/showers have occurred in the upper North-West Frontier Province and the north Punjab. Scattered duststorms have been reported from the south Punjab, the lower North-West Frontier Province and northeast Baluchistan.

Chief amounts of rainfall are :—Cox's Bazar, Lahore, Jhelum, Cherat and Parachinar 1" each; Khulna ½"; and Chittagong and Rawalpindi ½" each.

Day temperatures were markedly to considerably below normal in the north Punjab and appreciably to markedly above normal in northeast Baluchistan and the south Punjab.

Forecast valid until the evening of 3rd :—Local thunderstorms/showers will occur in East Pakistan, the north Punjab, the upper North-West Frontier Province and Kashmir. Scattered dust/thunderstorms will occur in the lower North-West Frontier Province, the south Punjab and northeast Baluchistan. A few dust/thunderstorms are also likely in upper Sind.

Karachi-11.
The 2nd August, 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	$N_hC_Lh\ C_MC_H$	$W_tD_LD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\ C_MC_H$	$W_tD_LD_MT_nT_n$	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	095 78	8 18 05	93 62 6	999 79	3 8 4 2 0	9 × 0 84	100 77	6 18 08	95 02 6	013 81	5 8 5 2 0	9 × 0 76	- 1	0	49.2	- 19.2	58.8	140
	Chittagong	022 77	4 13 09	96 02 6	939 81	8 2 5 0 9	9 9 × 58	022 75	4 13 09	97 03 1	006 84	3 8 5 7 0	0 × 9 77	- 3	- 1	46.6	+ 0 6	76.2	109
	Comilla	000 78	6 13 09	98 01 1	975 84	6 4 7 0 0	- - 84	000 78	7 18 05	98 03 2	006 82	6 4 7 0 1	- - - 76	- 3	+ 1	57.7	+21 9	64 3	118
	Brahmanbaria	000 74	4 18 02	97 02 1	976 86	4 4 5 0 0	- - 87	000 ××	7 13 08	97 03 1	006 84	0 0 9 4 0	0 × 4 79	—	—	28.8	+ 1.8	35.7	84
	Dacca	××× 81	5 18 02	96 03 2	967 85	5 7 4 0 0	8 × × 87	××× 79	7 18 02	98 02 9	000 85	6 4 4 4 0	9 × × 78	—	—	—	—	—	78
	Narayanganj	000 79	8 16 03	96 03 2	970 85	6 9 5 2 0	9 × 0 68	000 73	7 13 02	85 03 2	000 88	4 4 5 4 -	9 × 0 81	0	+ 2	36.5	+10 4	55.5	74
	Mymensingh							000 76	8 00 00	99 03 0	006 84	8 4 7 × ×	- - - 80		+ 2	26 7	7.9	34.8	91
	Srimangal	000 78	7 13 02	97 03 1	981 84	5 8 6 0 3	0 6 × 90	000 76	7 00 00	97 02 1	011 82	4 2 6 3 1	0 6 5 78	- 1	+ 2	35.3	+ 1.7	64.4	98
	Khulna	047 81	7 13 02	96 03 5	963 84	7 6 7 2 0	- - - 87	047 78	4 11 03	97 01 0	991 85	4 2 8 0 0	- - - 92	0	+ 4	27.3	- 0 4	35 8	68
	Satkhira	000 79	7 13 02	97 03 1	953 87	4 4 7 6 0	9 0 × 91	000 79	6 05 02	97 02 1	033 85	6 4 7 6 0	9 0 × 80	+ 3	+ 2	15.9	- 10 6	24 4	66
	Jessore	000 81	7 09 02	96 02 1	968 87	7 6 6 0 0	- - 92	000 78	5 90 05	96 02 1	991 87	5 8 6 0 0	- - - ××	—	—	16.4	- 8 7	28 6	66
	Faridpur	000 81	7 06 05	96 02 6	968 83	4 4 6 1 0	2 × 4 88	006 73	6 05 05	97 02 1	998 84	4 4 6 1 0	9 × × 80	- 4	+ 3	26.2	- 0 3	32 5	71
	Barisal	××× 79	5 16 03	97 01 1	968 85	3 6 5 2 5	- - - 89	××× 80	7 13 03	97 02 1	998 86	5 4 5 4 7	- - - 80	+ 2	+ 3	—	—	—	81
	Pabna																		55
	Rampur Boalia																		58
	Sirajganj	000 79	6 13 03	98 01 2	947 83	4 2 7 × ×	- - - 88	000 78	8 13 02	96 02 2	970 84	8 4 7 - -	- - - 79	+ 1	0	35.7	+ 0 8	35.7	64
	Bogra	000 78	6 13 03	96 01 1	962 87	6 8 5 0 0	- - 88	017 60	8 00 00	96 21 6	999 83	5 7 5 2 -	- - - 81	0	+ 2	25.8	- 0.9	32.7	69
	Dinajpur	000 77	4 09 03	97 02 2	975 86	0 0 9 4 0	9 0 2 90	000 77	8 09 02	97 02 2	011 85	6 4 7 4 0	9 0 0 80	0	- 9	26.5	- 3.5	30.5	72
	Rangpur	008 ××	7 09 02	97 02 5	— —	7 5 7 0 0	- - - —	008 ××	8 09 02	96 51 5	— —	3 5 8 0 0	- - - —	—	—	48.1	+ 13 5	57.8	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	007 79	6 07 05	96 02 0	955 85	6 5 3 0 0	6 0 0 97	007 76	7 00 00	96 02 9	984 79	7 8 3 0 0	9 5 0 78	- 2	- 8	1.7	- 3 6	6 6	13
	Lahore	096 73	8 05 02	95 95 9	950 75	4 3 5 2 0	5 × 9 92	105 75	8 00 00	98 51 9	995 78	2 6 5 2 -	5 × 9 73	- 6	- 5	7.5	+ 0.1	11 5	19
	Sialkot	000 77	8 00 00	97 03 2	970 87	8 2 6 —	3 9 9 89	000 77	8 00 00	98 02 1	002 82	5 5 6 0 0	- - - 80	- 7	+ 1	4.3	- 6.0	9.3	32
	Jhelum	080 77	8 00 00	96 03 9	971 84	0 0 4 7 ×	9 0 9 85	080 77	6 00 00	97 03 4	998 84	0 0 9 7 0	5 × 6 74	—	—	0.3	—	18.6	—
	Rawalpindi	080 73	5 00 00	98 03 9	970 82	5 2 7 0 0	9 × × 88	080 73	5 00 00	99 01 1	995 81	5 2 7 0 0	- - - 70	- 18	6	8.0	- 2 9	18.8	34
	Murree †	012 58	7 09 03	97 02 8	955 67	7 6 5 0 0	9 × × 69							- 3					59
	Attock	××× ××	7 18 05	97 00 0	— —	7 0 7 0 2	- - - -	××× ××	7 16 03	97 00 2	— —	7 0 6 2 0	- - - —	—	—	—	—	—	—
	Khushab	000 69	4 11 09	99 01 1	960 91	0 0 9 0 4	8 × × 94							- 7					13
	Montgomery	000 77	7 11 03	96 01 4	942 88	0 0 9 5 0	9 × 0 03	000 76	8 00 03	96 02 1	985 82	8 5 7 0 0	2 × × 79	+ 1	- 4	1.6	- 1.9	5.3	10
	Leiah	000 84	3 23 03	97 01 0	920 07	0 0 9 0 3	- - - 09												5
	Multan	000 69	0 00 00	97 99 0	926 06	0 0 9 0 0	- - - 07	000 75	0 18 02	96 00 0	988 80	0 0 0 0 0	- - - 87	+ 7	+ 3	1.6	- 1.1	4.6	7
	Khanpur	000 77	0 18 09	93 05 0	921 09	0 0 9 0 0	- - - 09	000 74	0 18 09	94 07 0	989 85	0 0 9 0 0	- - - 82	+ 6	0	0.2	- 2 6	1.9	6
	Bahawalpur	000 71	0 23 03	97 00 0	921 06	0 0 9 0 0	- - - 08	000 75	0 25 05	97 00 0	962 87	0 0 9 0 0	- - - 85	+ 7					6
	Fort Abbas	000 96	5 23 03	95 03 1	926 06	0 0 9 3 0	9 0 × 08	000 72	0 23 03	96 00 0	980 88	0 0 9 0 0	0 × × 75	—	—	0.3	—	1.2	8
N. W. F. P.	Drosh *	000 61	7 25 10	98 02 1	817 89	2 2 7 2 8	8 9 3 97	000 62	2 00 00	98 02 1	900 87	1 2 3 4 0	9 × 1 75	+ 1	+ 2	1.9	—	21.2	18
	Chakdara	000 71	6 00 00	99 03 1	976 77	6 5 6 0 0	2 × × 92	000 70	0 05 02	98 00 0	992 79	0 0 9 0 0	- - - 72	—	—	2.3	—	14.7	—
	Cherat *	104 69	6 26 07	97 03 9	903 73	0 0 9 6 0	4 × 6 ××	104 69	7 18 02	97 03 1	915 73	× × × × ×	3 × 6 69	—	- 3	2.6	- 2 5	24.7	29
	Peshawar	000 70	6 05 03	97 02 9	976 83	3 9 7 4 1	- - - 95	000 72	7 00 00	98 02 6	997 87	3 5 7 4 0	2 × × 79	- 5	0	0.4	- 1 3	7.7	14
	Parachinar	090 67	8 18 02	96 02 2	996 69	2 2 5 6 0	- - - 89	093 66	7 09 02	96 02 9	918 69	2 2 4 6 0	9 × 9 67	+ 4	+ 1	5.2	—	23.0	29
	Miranshah	000 74	9 11 05	96 04 2	886 88	9 0 - -	- - - 98	006 69	0 00 00	98 00 0	894 82	0 0 9 0 0	- - - 79	—	—	0.3	3 3	7.9	12
	Bannu	000 71	0 06 07	97 05 4	939 92	9 0 - -	- - - 99	000 71	0 00 00	97 02 2	981 86	0 0 9 1 0	- - - 82	—	—	3.1	—	8.0	11
	D. I. Khan	000 72	9 07 03	94 81 0	931 02	9 0 - 0 0	4 0 0 02	000 77	0 07 02	95 06 0	981 86	0 0 9 0 0	- - - 77	+ 1	+ 1	0.1	- 1.9	2.8	9
	Wana																		12
	Landikotal	000 72	6 05 07	98 02 1	872 79	6 7 8 0 0	- - - 80	000 66	6 00 00	99 02 2	901 80	6 7 6 0 0	- - - 74	—	—	0.5	—	10.1	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thull	××× ××	× 09 13	98 03 1	— —	× × - -	- - - —	××× ××	4 27 09	98 03 1	— —	1 8 7 2 1	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 31	3 05 06	97 02 1	858 02	0 0 9 4 9	7 × × 02	000 53	0 00 00	93 46 0	839 78	0 0 2 0 0	0 × × 77	+ 7	+ 9	0.8	- 2.6	6.2	11
	Hindubagh	000 30	0 20 09	99 00 0	872 93	0 0 9 0 0	- - - 98	000 33	0 20 08	97 00 0	900 84	0 0 9 0 0	- - - 71	—	—	0	—	8.3	—
	Loralai	000 44	0 18 06	98 00 1	865 94	0 0 9 0 0	- - - 96	000 61	0 00 00	97 00 0	887 78	0 0 9 0 0	- - - 69	—	—	0.4	—	6.8	—
	Harnai (a)	000 ××	3 23 05	98 01 1	— —	0 0 9 0 6	9 6 0 —	000 ××	0 27 02	97 00 0	— —	0 0 9 0 0	- - - —	—		0.9	- 3.3	9.5	14
	Sibi	000 62	0 23 06	98 00 0	905 10	0 0 9 0 0	- - - 10	000 59	0 28 02	98 00 0	955 91	0 0 9 0 0	- - - 89	—	—	1.2	—	2.7	5
	Quetta †	000 59	3 31 02	99 00 0	895 94	0 0 9 3 8	- - - 96	000 55	0 00 00	98 00 0	908 70	0 0 9 0 0	- - - 61	—	—	0	- 0.7	5.5	9
	Chaman	000 97	0 20 03	97 00 0	867 97	0 0 9 0 0	- - - 01	000 63	0 20 03	97 00 0	888 86	0 0 0 0 0	- - - 78	+ 1	+ 3	0	- 0 1	9.6	8
	Nushki	000 72	0 02 05	98 00 0	912 06	0 0 9 0 0	- - - 06	000 61	0 18 02	97 00 0	941 90	0 0 9 0 0	- - - 83	—	—	0	—	5.4	—
	Dalbandin *	000 60	0 23 03	96 00 0	881 06	0 0 9 0 0	- - - 03	006 59	0 27 03	97 00 0	888 86	0 0 9 0 0	- - - 74	0	+ 1	0	- 0.1	1.8	4
	Nokkundi	000 58	1 00 00	99 02 0	888 10	0 0 9 0 1	0 0 × 12	000 60	0 05 03	99 00 0	947 89	0 0 9 0 0	- - - 80	—	—	0	—	0.9	2
	Kalat †	000 68	0 27 09	98 00 0	002 90	0 0 9 0 0	- - - 02	000 49	0 18 05	98 00 0	932 69	0 0 9 0 0	- - - 58	+ 2	- 3	0.1	- 0.7	9.0	7
	Turbat	000 72	5 18 03	96 03 1	964 93	5 0 8 2 0	9 0 × 90	000 73	8 23 02	95 02 2	000 88	× × × × ×	9 0 × 80	—	—	0	—	1.4	—
	Panjgur *	000 69	1 00 00	×× 03 1	894 74	0 0 9 0 1	3 0 × 03	000 66	8 23 02	97 03 1	910 74	0 0 9 2 0	9 × 6 70	+ 2	- 6	0	—	2.2	4
	Las Bela																		4
	Ormara	000 81	3 25 13	95 03 5	980 85	2 5 6 0 0	5 3 2 86	000 80	6 35 09	95 01 1	004 81	6 5 6 0 0	- - - 79	—	—	0	- 0.7	2.7	4
	Pasni	000 74	7 23 00	96 03 1	995 84	0 0 9 2 0	9 × × 87	000 73	7 29 03	96 02 2	006 82	7 4 5 0 0	9 × × 78	- 2	+ 1	0.5	- 0.8	4.7	4
	Jiwani																		4
SIND	Reti	000 98	0 23 05	96 00 0	929 09	0 0 9 0 0	- - - 10	000 81	0 19 02	95 00 0	968 83	0 0 9 0 0	- - - 81	—	—	0	—	0.6	—
	Jacobabad	000 44	0 18 05	96 00 0	910 98	0 0 9 0 0	- - - 00	000 71	0 13 09	96 00 0	975 86	0 0 9 0 0	- - - 82	+ 4	0	0.2	- 1.1	0.7	4
	Sukkur	000 78	0 00 00	94 05 0	914 10	0 0 9 0 0	- - - 10	000 74	0 20 03	96 00 0	964 84	0 0 9 0 0	- - - 80	—	—	0	—	0.5	4
	Pad Idan	000 75	1 13 05	98 01 1	017 09	0 0 9 0 1	- - - 10	000 74	2 13 05	98 01 1	064 86	0 0 9 0 1	- - - 80	—	—	0	—	0.1	—
	Karachi (Manora)	000 77	7 25 09	97 02 2	956 83	0 0 9 1 0	- - - 84	000 72	5 27 09	98 02 2	016 79	0 0 9 1 0	- - - 78	- 1	- 1	0.5	- 3 5	0 5	8
	Karachi (A. P.)	000 75	8 25 24	96 03 5	901 84	8 6 4 - -	- - - 86	000 75	4 27 16	96 03 1	017 82	4 6 4 0 0	- - - 80	—	—	1.6	—	1.7	—
	Badin							000 74	6 28 10	97 02 2	006 83	0 0 9 0 8	- - - 83	—	—	6.2	+ 2.2	6.2	9
	Nagarparkar																		
	Chhor (Umarkot)	000 76	3 22 17	97 05 4	984 97	0 0 9 0 3	- - - 96	000 74	2 28 14	97 05 4	972 85	0 0 9 0 3	- - - 80	—	—	1.2	—	1.2	—
	Hyderabad	000 78	3 23 10	97 01 6	969 90	0 0 9 0 3	- - - 95	000 73	0 23 10	96 00 0	987 85	0 0 9 0 0	- - - 81	- 2	+ 1	0.4	- 2.1	0.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 68	6 12 04	96 02 1	981 91			000 63	8 34 02	97 00 0	954 71	0 0 9 0 0	- - - 63	—	—	0	—	0.9	12
	Jalalabad					0 0 9 1 0	4 × 9 00	000 67	2 00 00	97 01 1	986 86	1 1 6 7 0	5 × 9 78	—	—	0.5	—	6.0	—
	Kandahar	000 66	0 00 00	98 00 0	841 99	0 0 9 0 0	- - - 02							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY THE 2ND AUGUST. 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1D_HD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_nT_n$	Departure from Normal T_xT_x	Departure from Normal T_nT_n	Rainfall: Since 1st June 52 to date	Rainfall: Departure from normal	Rainfall: Since 1st Jan. 52 to date	Rainfall: Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gwarba:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Muscat	000 83	0 36 02	97 00 0	955 91	0 0 0 0 0	- - - 93	000 82	1 18 02	98 00 0	993 86	0 0 0 0 2	- - - 89	+ 2	+ 2	0	- 0.1	3.9	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 31 12	96 00 0	945 94	0 0 0 0 0	- - - 94	000 xx	0 00 00	97 00 0	999 93	0 0 0 0 0	- - - 90	-	-	0	-	1.6	5

* Barometer readings reduced to 1 geodynamic Kilometre 3.250-3.256 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, 099 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 Control, 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 $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	$D_a v_a$ app	8 $N_aCh_ah_a$	O $T_aT_gT_dT_d$	$1d_wd_wP_wH_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Umerca	43 162	721 06	5 26 20	97 02 1	977 86	4 1 408			0 01 77	1 25 x4
Urch ng Wald	43 184	692 06	6 25 16	97 02 2	993 82	4 8 417			0 02 82	1 22 33
Ranchi	43 174	736 07	6 26 15	98 03 3	994 82	6 9 500	6 5 803			
Umaria	43 169	716 16	6 25 20	97 02 1	961 85	2 1 589			0 03 75	1 25 22
Agolino	42 179	760 12	6 25 25	97 02 1	960 84	0 0 220	6 5 806		0 01 77	1 25 22
Cerani	43 190	715 12	8 24 19	98 03 1	956 82	8 4 5xx	6 3 800		0 00 78	1 20 20
Mahadevi	43 174	780 15	0 26 15	97 01 0	975 81	0 0 900	4 4 180			
Umaria	43 178	711 15	7 28 18	97 25 8	985 82	7 1 4xx			0 02 77	1 25 x6
Ugolino	43 179	686 18	7 25 30	97 00 2	978 83	x x xxx	6 5 806			
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

TATION	TEMP	CODE:—	iiiGG	PoPoPoToTo	TdoTdoTxoXiXo	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 ...	789 14	997 27	145 60	854 67	221 77	700 22	180 13	509 38	509 91	555 55	989 00	382 02	416 70	211 92	618 12	260 93	648 00	250 43	456 00	985 51	925 02	995 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	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	18	19	20	21	22	23	24	25
Bogra	11 14	-	-	-	-	-	-	-	-	-	15 13	17 16	17 19	-	-	-	18 11	19 09	-	-	-	-	-	-
Dhbor	28 22	25 26	23 31	23 34	-	-	-	-	-	-	-	-	-	-	-	-	28 20	24 25	25 25	-	-	-	-	-
Chittagong	20 13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 12	16 17	16 16	-	-	-	-	-
Cox's Bazar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13 13	13 12	14 10	16 11	-	-	-	-
Dacca	15 17	15 19	17 17	17 20	17 26	-	-	-	-	-	17 16	18 17	18 18	18 09	-	-	14 13	14 18	14 11	13 12	13 10	-	-	-
Dalbandin	-	-	25 08	25 15	25 07	25 16	25 23	-	-	-	-	-	26 12	30 13	31 12	30 10	-	-	27 09	26 14	27 03	26 06	26 06	24 04
Drost	-	-	-	-	23 11	19 10	01 04	09 08	-	-	-	-	-	23 06	21 04	-	-	-	-	-	23 04	19 10	26 20	01 08
Fort Sandeman	-	-	-	24 06	25 01	20 10	21 26	-	-	-	-	-	-	-	-	-	-	-	-	25 08	23 04	-	-	-
Jacobabad	15 08	15 09	17 07	17 09	25 11	22 05	27 03	27 10	-	-	16 15	15 10	16 04	27 08	26 07	-	12 05	15 10	19 09	23 04	23 05	23 07	25 07	15 18
Jhelum	09 08	09 08	13 10	14 07	21 08	21 09	-	-	-	-	15 06	12 17	11 15	11 09	27 06	21 21	08 05	09 11	09 11	11 06	07 07	05 10	-	-
Jiwani	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Karachi	26 24	26 29	-	-	-	-	-	-	-	-	27 26	27 28	27 27	-	-	-	25 27	26 25	25 27	-	-	-	-	-
Khanpur	10 2	19 12	19 14	18 11	25 03	25 10	02 09	23 09	21 09	-	17 16	18 18	18 18	23 06	25 09	-	09 10	20 09	21 18	19 04	18 08	21 13	25 04	-
Lahore	09 11	25 06	23 10	23 18	25 20	-	-	-	-	-	19 07	19 11	20 09	21 06	26 09	-	01 10	01 09	01 13	22 11	22 10	20 17	20 20	-
Multan	21 19	20 08	19 11	19 10	18 08	19 06	-	-	-	-	15 22	19 13	24 16	23 25	-	-	03 06	25 11	21 19	23 20	28 18	-	-	-
Peshawar	-	08 11	11 11	18 12	-	-	14 09	-	-	-	-	07 07	08 04	08 05	16 18	27 08	-	24 04	24 02	16 04	29 03	22 09	22 09	-
Quetta	-	-	-	-	30 04	29 04	-	-	-	-	-	-	-	-	27 06	-	-	-	-	-	26 07	26 07	15 04	-
Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shariah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cloud Observation Data (iiiGG Cddv, v,)

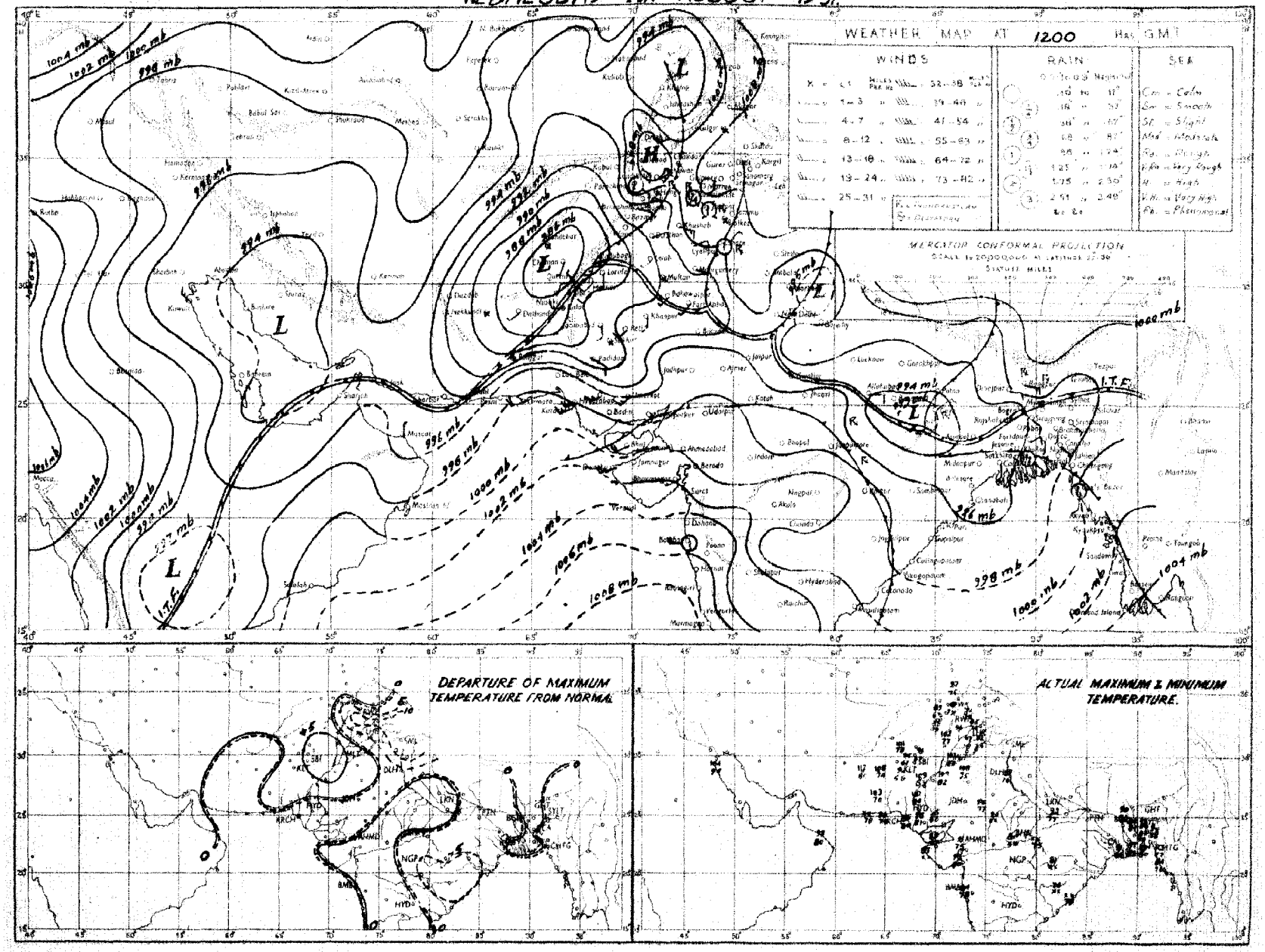
Jhelum 59882 82714

* 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

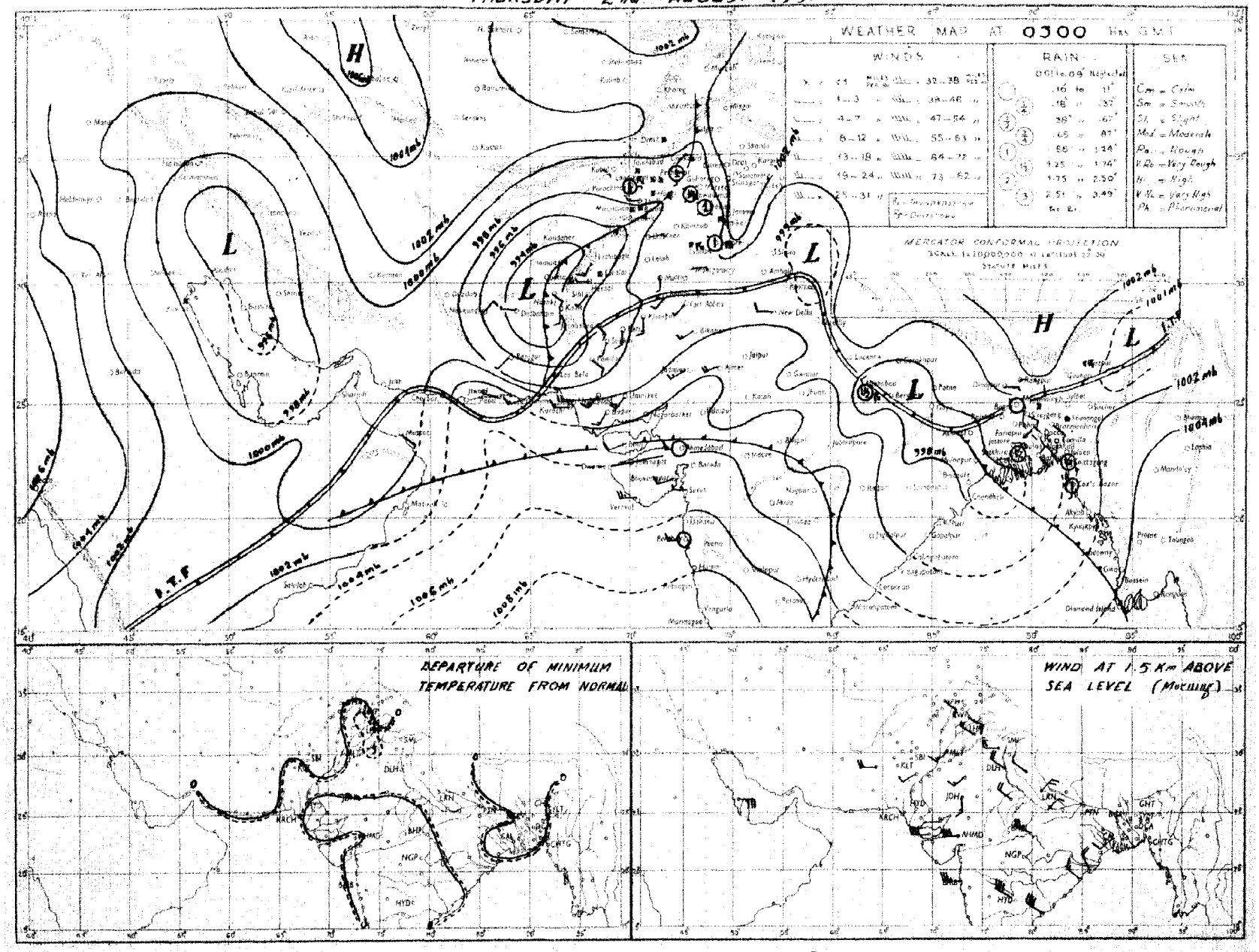
WEDNESDAY 1st. AUGUST 1951



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 2nd AUGUST · 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-1467

FOR FRIDAY, THE 3RD AUGUST, 1951

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

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

A depression has apparently formed in the north Bay of Bengal with its central region within one degree latitude 18°N and longitude 88°E, and is likely to intensify.

Seasonal low extends from Baluchistan to south Iran.

Observations from East Pakistan meagre. Local thunderstorms/showers have occurred in East Pakistan and the north Punjab, Lahore reported 1" of rain.

Day temperatures were appreciably below normal in the ext: e ne north Punjab and the adjoining North-West Frontier Province and appreciably to markedly above normal in northeast Baluchistan and the south Punjab.

Forecast valid until the evening of 4th ;—Scattered thunderstorms/showers will occur in East Pakistan, the extreme north Punjab, Kashmir and the upper North-West Frotier Province. A few dust/thunderstorms will also occur in the plains of Punjab, the lower North-West Frontier Province and northeast Baluchistan.

Karachi-11.
The 3rd August, 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	WtDsDmTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDsDmTnTn	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																		148
	Chittagong	001 77	3 16 09	97 60 6	974 81	4 6 6 2 0	1 x x 88	001 76	2 xx xx	97 01 1	999 85	1 5 7 2 2	0 x x 79	+ 2	+ 3	46.5	0	76.2	108
	Comilla	000 78	6 13 05	98 05 1	975 84	4 4 7 2 0	- - 84	000 78	7 13 02	98 03 1	011 85	6 4 7 0 0	- - - 79	- 3	+ 2	57.7	+21.2	64.3	118
	Brahmanbaria	000 79	2 00 00	97 03 1	972 86	2 4 5 0 0	- - - 90	000 78	3 11 05	97 01 1	002 89	1 5 5 0 1	0 4 x 80	—	—	28.8	+ 1.3	38.7	94
	Dacca	000 79	4 18 03	96 03 2	962 87	3 4 5 3 0	7 x x 90	xxx 79	8 11 02	97 02 6	996 85	7 8 4 4 0	3 x x 79	—	—	—			78
	Narayanganj	900 78	6 12 02	96 02 2	965 88	1 1 5 0 0	6 0 x 91	008 77	8 09 08	95 03 6	995 86	8 5 5 -	0 x x 82	+ 8	+ 3	36.6	+10 0	55 5	76
	Mymensingh	000 80	0 00 00	99 00 2	975 87	0 0 9 0 0	- 90	011 79	5 09 02	99 02 6	008 82	5 4 7 0 0	0 x x 79	+ 2	+ 1	26.8	8.2	34.9	81
	Srimangal	000 81	6 09 02	97 02 1	956 89	2 2 7 0 1	0 5 x 92	016 79	7 36 02	97 02 9	008 84	4 8 6 8 2	5 6 2 78	+ 1	+ 2	35.5	+ 2.4	64 6	99
	Khulna	000 81	5 05 02	96 00 0	962 86	5 4 8 3 0	- - - 86	000 81	4 09 08	97 01 0	990 86	4 4 8 0 0	- - - xx	1	—	27.8	- 0 8	35 6	60
	Satkhira	000 81	5 05 02	97 02 1	960 87	4 4 7 6 0	9 0 x 92	000 80	8 31 02	96 03 1	986 88	6 9 6 0 0	5 0 x xx	+ 4	—	15.9	10 9	24.4	66
	Jessore	005 81	6 13 05	96 03 6	957 86	6 1 6 0 0	2 x x 93	005 61	5 07 05	96 02 2	990 87	5 8 6 0 0	- - - 79	—	—	16.5	9 1	23.6	[illegible]
	Faridpur	000 78	5 05 05	96 01 1	960 86	3 4 6 1 0	9 x x 86	002 79	8 04 09	97 02 1	995 84	5 4 6 1 0	3 x x xx	- 1	—	16.5	10.5	23 6	[illegible]
	Barisal	xxx 79	7 13 02	98 02 6	961 87	3 4 6 0 6	7 x x 91	xxx 80	8 09 02	98 03 2	998 86	5 4 6 5 8	- - - 81	+ 4	+ 8	—	—	—	[illegible]
	Pabna																		[illegible]
	Rampur Boalia																		[illegible]
	Sirajganj	000 80	2 00 00	99 01 1	957 87	2 1 7 2 -	- - - 89	000 81	6 00 00	99 02 2	998 86	6 2 7 - -	- - - 81	+ 2	+ 2	25.7	+ 0 5	35.7	66
	Bogra	000 78	4 30 00	96 01 1	961 88	2 3 6 0 8	- - 91	000 51	8 09 02	96 01 1	997 84	1 1 7 4 -	- - - 81	+ 3	+ 2	25.8	1 4	32.4	60
	Dinajpur	000 79	4 00 00	97 02 2	984 89	0 0 9 4 0	9 0 0 90	000 77	0 00 00	97 00 0	010 90	0 0 9 0 0	- - - 81	+ 1	+ 2	26.6	3.9	30.8	72
	Rangpur	000 xx	2 09 02	96 01 1	--- —	3 2 8 0 0	- - - —	000 xx	8 00 00	98 02 1	--- —	2 1 8 0 0	- - - —	—	—	45.1	+ 13.1	57.8	86
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 82	0 18 02	98 00 0	952 94	0 0 9 0 0	- - - 94	000 81	0 11 02	98 00 0	960 91	0 0 9 0 0	- - - 79	- 5	- 2	1.7	- 2.7	6 8	12
	Lahore	001 80	0 23 03	96 90 6	957 91	0 0 9 0 0	9 x x 92	090 79	5 13 02	96 02 9	978 88	8 5 7 4 0	6 x 9 77	- 6	- 1	8.4	+ 0.8	12 4	19
	Sialkot	900 74	4 00 00	97 02 1	953 94	4 4 6 0 0	- 95	000 79	8 09 02	97 01 1	980 89	0 0 9 6 0	- - - 80	- 1	+ 1	4.3	- 7.2	9.3	32
	Jhelum	000 80	2 00 00	98 01 1	953 94	2 1 7 0 0	9 x x 95	000 77	2 00 00	98 02 1	979 88	0 0 9 3 0	- - - 80	—	—	9.3		18.6	—
	Rawalpindi	000 76	4 00 00	98 03 1	947 90	4 2 7 0 0	4 x x 92	000 75	1 00 00	99 01 9	976 87	1 2 7 0 0	9 x x 78	- 2	+ 2	8.0	- 3 1	18.8	20
	Murree †	011 65	7 09 02	95 02 6	907 67	7 9 2 0 0	2 x x 72	011 60	5 07 08	97 02 4	924 68	2 2 4 5 0	9 x 5 61	0	+ 3	12.6	- 5.0	35.2	60
	Attock	xxx xx	0 16 05	98 00 0	—	0 0 9 0 0	- - - —	xxx xx	0 11 05	98 00 0	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Khushab	000 77	0 11 05	98 00 0	949 94	0 0 9 0 0	- - - 95	000 75	0 07 05	99 00 0	976 86	0 0 9 0 0	- - - 81	- 6	1	1.7	4.0	7.4	16
	Montgomery	000 77	3 00 00	97 01 1	948 98	0 0 9 0 2	9 0 x 99	000 79	8 00 00	97 62 5	978 89	0 0 9 7 0	2 x x 81	- 3	- 2	1.6	- 2.0	5.8	10
	Leiah	000 85	3 27 02	97 01 0	943 04	0 0 9 0 3	- - - 05	000 83	0 28 08	07 00 0	952 93	0 0 9 0 0	- - - 88	—	—	0.5	—	6.5	9
	Multan	000 75	0 00 00	97 00 0	950 03	0 0 0 0 0	- - - 05	000 72	0 18 05	96 00 0	973 88	0 0 9 0 0	- - - 87	+ 5	+ 3	1.6	- 1 2	4.6	7
	Khanpur	000 71	0 23 09	95 05 0	947 06	0 0 9 0 0	- - - 06	000 73	0 23 11	96 04 0	976 84	0 0 9 0 0	- - - 81	+ 3	- 1	0.2	- 2 7	1.9	6
	Bahawalpur	000 76	0 00 00	97 00 0	930 04	0 0 9 0 0	- 04	000 73	0 18 12	97 00 0	855 85	0 0 9 0 0	- - - 84	+ 8	+ 1	0	2 9	3 1	5
	Fort Abbas	000 94	0 23 03	96 00 0	940 04	0 0 9 0 0	0 x x 08	000 71	0 23 08	96 00 0	990 87	0 0 9 0 0	0 x x 71	—	—	0.3	—	1.3	8
N. W. F. P.	Drosh *	000 58	1 25 06	99 01 1	821 96	1 1 7 0 0	3 x x 98	000 64	2 00 00	98 02 1	888 81	1 5 5 4 0	2 x 8 78	+ 2	+ 5	1.0	—	21.8	10
	Chakdara	000 70	0 23 05	99 00 0	930 93	0 0 3 0 0	- - - 95	000 75	0 00 00	98 00 0	969 85	0 0 9 0 0	- - - 72	—	—	2.3	—	14.7	—
	Cherat *	000 71	3 18 07	97 01 1	936 83	3 1 9 0 0	4 x x xx	000 72	5 18 05	97 01 1	905 79	5 2 9 0 0	1 x x 70	—	- 1	2.6	- 2 7	24.7	20
	Peshawar	000 71	1 05 05	97 02 1	935 97	1 1 6 0 0	- 97	000 73	3 36 08	96 08 1	977 85	3 5 7 6 0	- - - 81	- 3	+ 2	0.4	- 1 4	7.7	14
	Parachinar	090 68	3 13 02	99 01 1	912 81	0 0 9 3 0	5 x 1 84	000 68	6 13 02	95 02 2	921 73	4 2 5 6 0	6 x 9 64	- 1	- 2	5.3	—	23 0	38
	Miranshah	000 74	3 11 05	98 00 0	873 92	3 2 6 4 5	- - - 99	000 73	5 07 02	98 01 1	902 84	5 4 7 3 3	- - - 84	—	—	0.3	- 2 4	7.9	13
	Bannu	000 73	0 13 05	97 05 4	937 97	0 0 9 0 0	- - - 07	000 76	0 00 00	97 05 4	978 87	0 0 9 0 0	- - 85	—	—	3.1	—	8.0	11
	D. I. Khan	000 71	0 00 00	96 00 0	937 01	0 0 9 0 0	- - - 01	000 78	6 02 02	95 03 0	960 87	0 0 9 7 0	2 x 3 79	0	- 3	1.1	- 2 0	2.8	8
	Wana																		11
	Landikotal	000 70	0 18 03	98 00 1	898 90	0 0 9 0 0	- - - 01	000 72	2 05 02	99 02 1	984 82	2 2 6 0 0	- - - 77	—	—	0.5	—	10.1	—
	Hangu						- - - —	xxx xx	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thull	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	2 36 09	99 01 1	— —	2 8 7 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 85	0 05 05	94 08 4	846 00	0 0 9 0 0	9 x x 02	000 67	0 00 00	95 05 0	899 80	0 0 9 0 0	0 x x 76	+ 7	+ 2	0.3	- 2.5	6.2	15
	Hindubagh	000 41	0 23 13	98 00 1	896 96	0 0 9 0 0	- - - 98	000 54	0 00 00	97 00 0	905 82	0 0 9 0 0	- - - 71	—	—	0	—	8.8	—
	Loralai	000 74	0 23 05	96 00 0	848 95	0 0 9 0 0	- - - 96	000 62	0 27 02	98 00 0	886 76	0 0 9 0 0	- - - 84	—	—	0.4	—	6.8	—
	Harnai (a)	000 xx	3 09 05	95 02 1	—	0 0 7 8 5	- —	000 xx	0 23 02	96 00 0	—	0 0 9 0 0	- - - —	-	-	0.9	- 3.4	9.6	14
	Sibi	008 75	0 23 03	98 00 0	914 07	0 0 9 0 0	- - - 09	000 81	0 13 05	98 00 0	945 98	0 0 9 0 0	- - - 89	—	—	1.2	—	2.7	8
	Quetta †	000 89	3 34 05	98 01 0	905 95	0 0 9 8 0	- - - 97	000 60	0 00 00	98 30 0	910 75	0 0 9 0 0	- - - 59	—	—	0	- 0.7	8.5	8
	Chaman	008 88	0 27 02	97 00 0	858 91	0 0 9 0 0	- - - 02	000 80	0 18 02	97 00 0	888 86	0 0 9 0 0	- - - 77	+ 2	+ 1	0	- 0.1	9.8	8
	Nushki	000 89	0 25 19	98 00 0	914 08	0 0 9 0 0	- - - 10	000 60	0 18 16	97 00 0	940 91	0 0 9 0 0	- - - 84	—	—	0	—	5 4	—
	Dalbandin *	000 98	0 31 05	97 00 0	871 08	0 0 9 0 0	- - - 10	000 59	0 28 02	97 00 0	888 88	0 0 9 0 0	- - - 78	+ 2	+ 3	0	- 0.2	1.8	4
	Nokkundi	000 54	0 34 05	99 00 0	889 11	0 0 9 0 0	- - - 14	000 61	0 16 05	98 00 0	954 89	0 0 9 0 0	- - - 88	—	—	0	—	0.9	9
	Kalat †	000 67	0 36 02	98 00 0	913 90	0 0 9 0 0	- - - 93	000 61	0 18 05	98 00 0	951 70	0 0 9 0 0	- - - 61	+ 3	0	0.1	- 0.7	9.8	7
	Turbat																		—
	Panjgur *																		8
	Las Bela																		8
	Ormara	000 77	1 25 15	96 00 0	000 88	1 5 6 0 0	- - - 89	000 70	6 25 15	96 08 1	018 82	6 5 6 0 0	- - - 79	—	—	0	- 0.7	2 7	8
	Pasni	000 74	4 23 05	96 01 2	007 86	0 0 9 4 0	- - - 88	000 74	7 29 05	96 02 2	025 81	7 5 5 0 0	9 x x 79	- 1	+ 2	0.5	- 0.3	4.7	6
	Jiwani																		4
SIND	Reti	000 98	0 23 05	98 00 0	920 09	0 0 9 0 0	- - - 10	000 70	4 23 11	96 01 0	988 88	0 0 9 3 0	- - - 80	—	—	0	—	0.8	—
	Jacobabad	000 99	0 13 09	97 00 0	928 06	0 0 9 0 0	- - - 07	000 71	0 09 10	96 00 0	968 86	0 0 9 0 0	- - - 84	+ 1	+ 1	0.2	- 1.1	0.7	4
	Sukkur	000 76	0 00 00	98 00 0	935 07	0 0 9 0 0	- - - 09	000 73	0 20 08	96 00 0	964 83	0 0 9 0 0	- - - 80	—	—	0	—	0.5	4
	Pad Idan	000 78	1 13 04	98 01 1	938 09	0 0 9 0 1	- - - 10	000 75	0 16 05	99 00 1	961 84	0 0 9 0 0	- - - 80	—	—	0	—	0.1	—
	Karachi (Manora)	000 71	3 25 09	97 02 1	000 34	3 6 4 0 0	- - - 85	000 74	0 25 09	96 00 0	013 79	0 0 9 0 0	- - - 78	0	- 1	0.5	- 3 6	0 5	8
	Karachi (A. P.)	000 74	3 35 21	96 08 1	002 86	2 1 6 0 1	- - - 99	000 75	4 25 17	96 03 1	017 82	2 1 4 4 0	- - - 79	—	—	1.5		1.7	
	Badin							000 75	0 23 07	97 00 0	006 88	0 0 9 0 0	- - - 82		+ 2	6.2	+ 2.2	6.2	8
	Nagarparkar																		
	Chhor (Umarkot)	000 77	0 23 10	97 05 4	969 95	0 0 9 0 0	- - - 98	000 74	7 20 10	97 05 4	994 88	x 4 9 0 2	- - - 79	—	—	1.2	—	1.2	—
	Hyderabad	000 65	0 23 10	97 00 0	972 95	0 0 9 0 0	- - - 99	000 78	1 28 09	96 01 1	984 84	1 5 4 0 0	- - - 80	+ 2	0	0.4	- 3.3	0.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 40	1 02 02	98 00 0	026 93	0 0 0 0 1	- - - 05	000 74	0 29 08	98 00 0	958 67	0 0 0 0 0	- - - 59	—	—	0	—	9.9	12
	Jalalabad	000 71	1 00 02	97 02 1	079 99	0 0 9 7 0	3 - 9 09	000 74	1 00 00	97 01 1	984 84	0 0 9 0 1	2 9 x 80	—	—	0.8	—	4.0	—
	Kandahar	000 92	0 00 00	98 00 0	821 00	0 0 9 0 0	- - - 04	000 59	0 00 00	97 00 0	847 71	0 0 9 0 0	- - - 61	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY THE 3RD AUGUST, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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_dT_d	N dd ff	VVwwW	PPP.TT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_n T_n$	Departures 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	Charba:	-	-	-	-	-	-	---	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	---	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Mashed	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire		---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 79	0 86 09	97 00 0	995 66	0 0 0 0 0	- - - 69	000 84	1 89 02	96 00 0	013 85	0 0 0 2 0	- - - wx	- 2	---	0	0.1	2.3	4
	Sharjah	000 xx	0 35 10	97 00 0	971 03	0 0 0 0 0	- - - 03	000 xx	9 29 03	97 00 0	006 94	0 0 2 0 0	- - - 71	---	---	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 (6,499-6,718 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 Control, 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 $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caledonia	52 232	648 00	8 25 24	98 02 2	011 81	87 6 09	5 6 460	---	0 51 74	---
Calodonia	53 222	636 06	7 24 18	98 02 2	031 81	14 5 02	5 6 329	---	0 54 74	---
Jalasarajeudra	53 248	669 06	8 27 18	97 02 0	024 74	---	---	---	---	---
Islami	53 178	669 06	7302 25	98 21 5	053 84	67 7 10	2 5 800	---	0 09 75	1 23 23
Umaria	52 197	707 06	7 26 21	97 02 1	055 85	21 5 08	---	---	---	---
Islamia	53 176	668 12	5 23 13	98 01 1	056 89	51 6 11	2 5 815	---	0 08 75	1 23 23
Jalarajeudra	53 232	675 12	5 27 20	97 02 0	011 77	---	---	---	---	---
Alokerk	52 116	515 12	0 116 47	98 02 1	001 98	00 0 00	2 6 015	---	0 02 22	1 15 46
Plamcotta	53 217	690 18	4 25 22	97 01 8	027 84	28 6 08	---	---	---	---
Umaria	53 204	697 12	5 26 21	97 02 1	048 75	05 7 7x	---	---	---	---
City of Baractona	53 188	717 18	7 27 18	97 25 8	064 84	53 4 2x	6 8 800	---	0 00 84	1 27 x3
Umaria	53 211	691 18	1 26 20	97 01 8	039 84	11 5 00	---	---	---	i
Jalrajendra	53 223	652 18	0 27 18	97 02 0	022 72	0x x xx	---	---	---	---
Islamia	53 181	695 18	8 25 10	98 02 2	064 82	52 6 wx	---	---	0 00 78	---
Palamcotto	53 224	684 18	2 25 22	97 02 0	024 84	---	---	---	---	---
Caledonia	53 199	604 00	2 22 24	98 00 1	024 79	00 0 80	5 5 800	---	0 51 78	---
BAY OF BENGAL										
Empire Fowey	52 059	904 00	7 24 14	99 02 1	118 83	21 6 90	2 6 307	---	0 01 81	---

Radio-Sonde Data (Temperatures in °C)

of previous day.

TATION	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	997 27	944 60	854 66	281 42	700 18	170 13	509 22	529 97	302 11	749 99	555 55	809 00	211 86	528 25	241 03	628 03	240 62	648 09	239 68	446 06	069 94	964 92	539 94	184 55

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	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	26	27
Bogra	12 11	11 12	11 13	12 12	---	---	---	---	---	---	---	---	12 10	13 19	14 x7	11 05	---	---	10 10	09 13	09 15	08 14	01 12	---	---	---
Chhor	23 21	24 41	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22 22	23 20	14 24	---	---	---	---	---
Chittagong	20 15	19 10	16 10	---	---	---	---	---	---	---	---	---	15 16	16 19	17 13	13 11	---	---	14 13	15 15	14 18	15 18	---	---	---	---
Cox's Bazar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dacca	18 04	15 09	15 08	14 10	13 12	11 12	---	---	---	---	---	---	10 14	16 13	15 11	---	---	---	10 17	09 19	09 19	10 18	---	---	---	---
Dalbandin	-	---	23 06	25 12	27 15	28 10	05 02	26 03	02 02	---	---	---	---	---	24 13	25 13	26 04	29 08	---	-	24 08	27 15	27 15	25 13	21 06	24 10
Dreer	---	-	-	---	24 08	19 07	05 05	03 03	36 10	31 09	---	---	---	---	---	---	---	---	---	---	---	---	30 01	13 01	26 15	24 06
Fort Sandeman	---	---	---	02 03	02 03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	02 13	01 11	24 13	30 39	---
Jacobabad	15 06	15 06	16 11	17 05	31 03	35 06	10 06	05 10	27 09	26 10	12 13	13 09	17 05	27 11	28 13	25 10	18 13	20 10	20 09	24 07	31 15	33 11	33 05	26 06	---	---
Jheium	10 04	12 04	11 05	11 07	11 06	13 02	---	---	---	---	---	---	---	---	---	---	05 04	12 12	13 10	10 04	01 04	02 03	36 05	05 10	---	---
Jiwani	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Karachi	26 21	27 29	27 29	---	---	---	---	---	---	---	26 21	26 21	24 19	---	---	---	26 26	21 18	---	---	---	---	---	---	---	---
Khanewal	---	---	---	---	---	---	---	---	---	---	19 13	20 12	21 12	25 09	29 08	32 14	30 16	20 09	24 15	15 08	29 11	---	---	---	---	---
Lahore	20 04	18 04	16 04	31 04	29 11	---	---	---	---	---	---	---	---	---	---	---	13 10	18 12	29 05	33 03	36 03	---	---	---	---	---
Multan	21 03	24 05	25 05	24 07	---	---	---	---	---	---	---	---	---	---	---	---	31 14	33 13	21 13	20 09	31 07	---	---	---	---	---
Peshawar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32 08	30 08	33 05	17 09	33 09	33 15	---	---	---
Quetta	-	-	-	-	30 06	28 05	17 11	36 08	33 09	36 13	---	---	---	---	-	28 12	27 13	---	-	---	34 10	33 17	33 19	15 10	---	---
Bushire	---	-	-	-	-	-	---	---	---	---	---	---	---	---	-	-	---	---	-	-	-	---	---	---	---	---
Shariah	---	-	-	-	-	---	---	---	---	---	---	---	---	---	-	-	---	---	-	-	-	---	---	---	---	---

Cloud Observation Data (iiiGG Cddv, v_r)

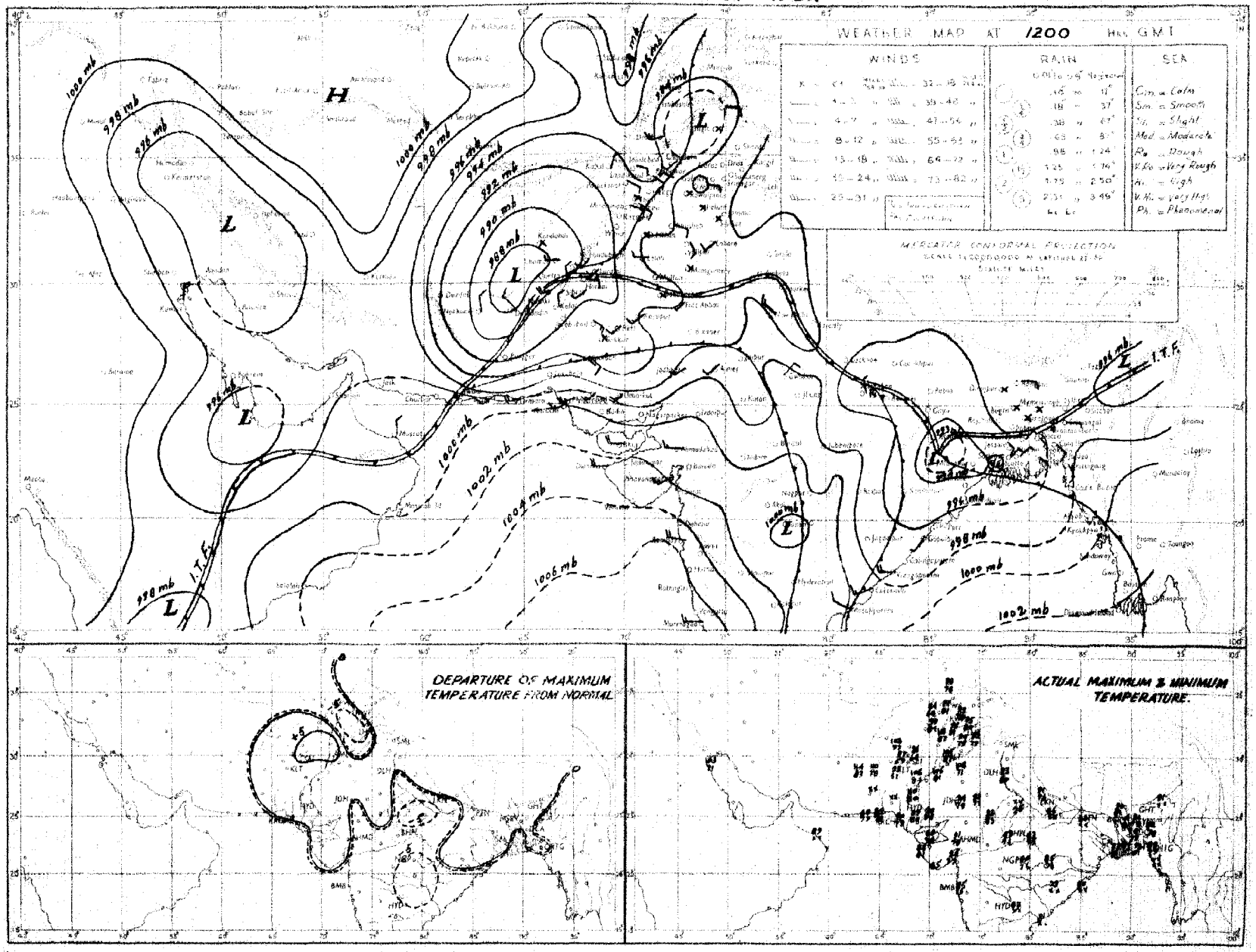
Peshawar 51002 NEPH 42915

* 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 0.1, 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

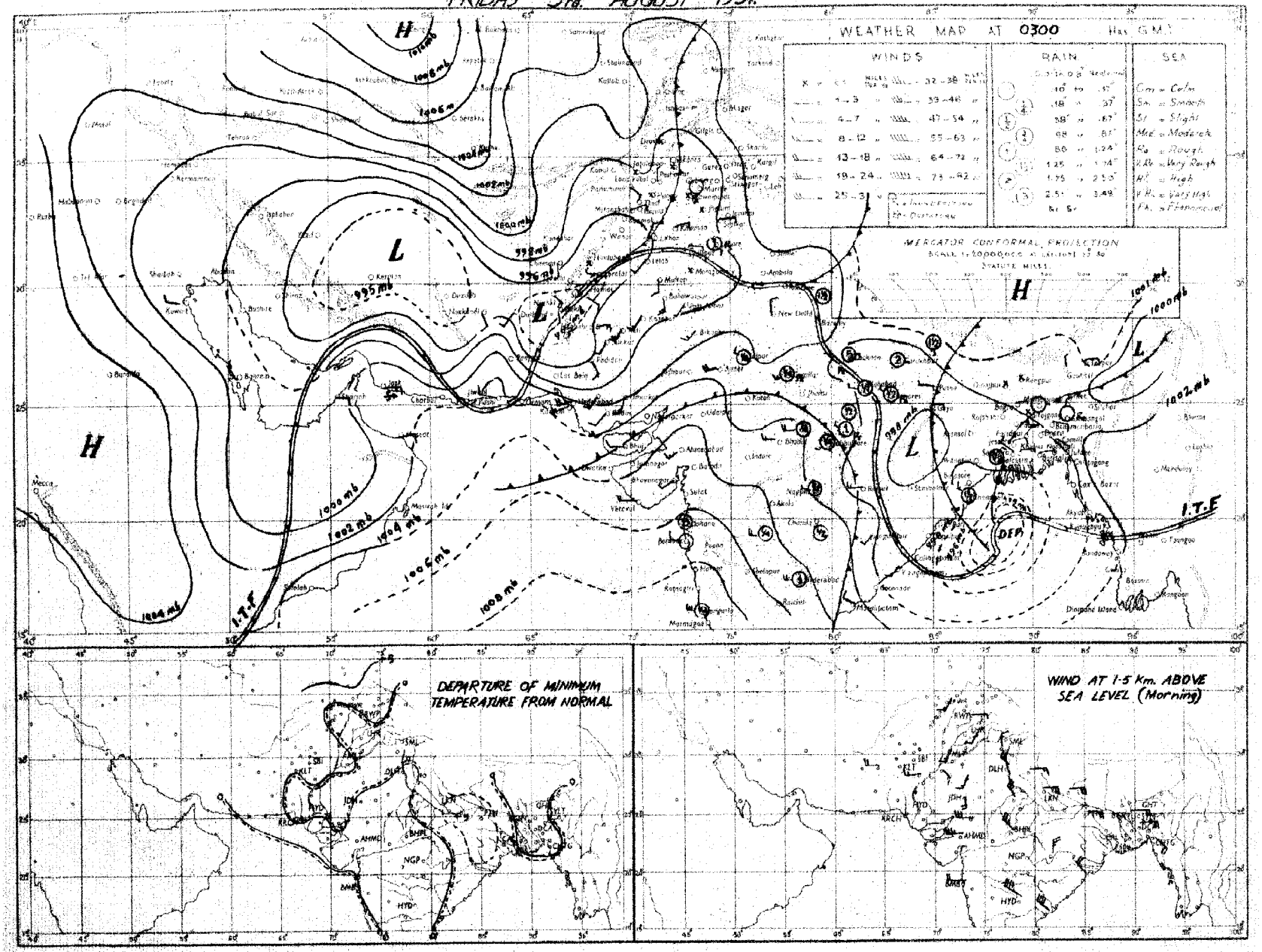
THURSDAY 2nd AUGUST 1951.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 3rd. AUGUST 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-1467

FOR SATURDAY, THE 4TH AUGUST, 1951

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

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

Yesterday's depression in the north Bay of Bengal lies this morning with its Central region within one degree latitude 19½ °N and longitude 87½°E.

Seasonal low extends from Baluchistan to the south Punjab.

Rain/thundershowers have been fairly widespread in the north Punjab, local in East Pakistan and scattered in the upper North-West Frontier Province. A few dust/thunderstorms have also been reported from north Baluchistan.

Chief amounts of rainfall are :—Srimangal and Brahmanbaria 1½" each, Jhelum 1", Sialkot ½", and Jessore ½".

Day temperatures were appreciably to markedly above normal in northeast Baluchistan, the south Punjab, and the northern districts of East Pakistan.

Forecast valid until the evening of 5th :—Local rain/thundershowers will occur in East Pakistan, the north Punjab, the upper North West Frontier Province and Kashmir. Scattered dust/thunderstorms will also occur in the lower North-West Frontier Province, the south Punjab and northeast Baluchistan.

Karachi-11.
The 4th August, 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$_s$D$_M$T$_z$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	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	6 12 09	96 02 1	978 84	2 6 6 2 1	1 0 0 87	000 76	3 18 03	97 01 5	997 85	2 8 6 8 0	9 × 0 77	+ 2	+ 1	49.2	- 20 8	58.9	140
	Chittagong	000 78	5 16 09	97 01 1	975 84	4 8 6 2 0	8 × × 89	000 73	4 13 05	97 01 1	994 85	2 8 7 1 1	9 × × 79	+ 2	+ 2	46.5	- 0.5	76.2	106
	Comilla	000 83	6 13 06	98 08 1	965 90	6 4 7 0 0	- - - 90	000 77	4 13 06	98 01 1	001 87	3 3 7 0 1	- - - 80	+ 3	+ 3	57.7	+20 6	64.8	118
	Brahmanbaria	000 82	4 27 02	97 03 1	963 93	4 4 5 0 0	- - - 94	134 67	3 13 02	97 01 1	998 89	3 5 5 0 0	- - - 80	—	—	30.1	- 12.1	40.1	94
	Dacca	××× 79	5 20 02	99 02 2	959 88	4 8 5 0 1	91	000 79	7 13 05	98 03 2	945 85	6 8 5 8 0	9 × × 81	—		—			73
	Narayanganj	000 77	4 18 03	95 03 2	967 86	1 2 5 2 9	7 0 0 91	000 78	7 13 02	95 03 2	988 88	6 5 5 2	7 × 0 81	+ 3	+ 2	36.6	+ 9 6	55.5	74
	Mymensingh	000 81	0 00 00	99 00 2	966 88	0 0 9 0 0	92	000 79	0 02 02	99 00 0	994 85	0 0 9 0 0	- - - 81	+ 4	+ 3	26 8	8 7	34.9	91
	Srimangal	000 83	6 00 00	97 02 1	965 91	3 2 7 0 2	0 5 8 94	135 79	6 00 00	97 02 0	997 84	2 2 6 3 1	9 2 3 78	+ 3	+ 2	36.8	+ 3.4	65 9	99
	Khulna	000 70	2 13 08	96 00 2	976 86	2 4 7 0 0	- - - 90	000 79	4 11 03	97 01 1	980 85	4 2 6 0 0	- - - 80	+ 3	+ 2	27 8	- 1 2	35 8	88
	Satkhira	003 80	7 00 00	97 03 6	955 85	5 4 4 6 0	6 0 × 90	003 81	7 05 03	97 03 6	982 86	5 2 6 6 0	9 0 × 80	+ 2	+ 2	15.9	11 2	24 5	65
	Jessore	020 70	4 23 02	96 02 1	967 80	4 3 6 0 0	2 × × 92	020 79	7 09 05	96 02 2	977 86	7 8 6 - -	- - - ××	—		16.5	- 9 5	28.6	85
	Faridpur	000 89	3 06 05	96 01 1	961 87	3 4 6 1 0	9 × × 87	000 78	7 05 09	97 02 1	985 84	6 4 6 1 0	8 × × 81	0	+ 2	16 5	- 0.9	25 6	71
	Barisal	000 70	5 16 08	98 08 1	962 87	3 4 6 0 8	- - - 91							+ 4					81
	Pabna																		89
	Rampur Boalia																		86
	Sirajganj	000 81	6 13 12	98 03 2	966 88	6 4 7 - -	- - - 90	000 80	3 13 03	99 03 1	987 87	2 1 7 - -	- - - 80	+ 3	+ 1	25.7	+ 0 1	35.7	66
	Bogra	000 89	8 00 00	96 02 1	956 88	5 6 6 2 0	- - - 91	000 60	3 18 02	96 01 9	982 89	2 1 7 0 1	- - - 82	+ 3	+ 3	25.8	- 1 8	32.7	69
	Dinajpur	000 80	5 09 02	97 01 0	968 94	1 2 7 4 9	3 2 2 96	000 80	4 30 00	97 00 1	990 88	0 0 9 4 0	7 0 0 81	+ 7	+ 2	26.6	- 4 4	30.8	72
	Rangpur	000 ××	8 00 00	95 02 1	— —	3 1 8 0 0	- - - —	000 ××	4 09 02	97 02 1	— —	4 1 8 0 0	- - - —	—	—	48.1	+13.7	57.8	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 83	2 05 02	96 01 0	985 89	0 0 9 3 0	- - - 01	000 81	4 09 02	96 01 0	970 85	4 2 8 0 0	- - - 84	+ 2	+ 3	1.7	- 2 8	6 0	12
	Lahore	000 74	3 05 05	96 02 1	950 91	3 3 7 0 0	9 × × 96	006 77	7 13 08	98 95 9	984 79	4 3 6 2 0	2 × 9 79	- 2	+ 1	8.5	+ 0.7	12 5	19
	Sialkot	900 74	7 00 00	96 17 1	058 97	6 6 5 4	1 9 × 98	054 78	6 07 02	97 02 1	997 84	8 2 6 6 0	- - - 77	+ 2	- 2	4.9	7.9	9.8	22
	Jhelum	000 79	8 00 00	96 03 1	058 97	3 2 7 0 0	9 × × 98	095 75	6 23 05	94 95 6	997 75	4 3 6 2 -	1 × 9 75		—	10.2	—	19.5	—
	Rawalpindi	000 76	3 00 00	99 02 1	944 95	3 2 7 0 0	- 96	010 74	8 00 00	93 29 9	066 79	8 9 5 - -	9 × × 75	+ 1	- 1	8.1	- 3 2	18.9	24
	Murree †	000 66	6 00 00	97 02 1	903 69	6 9 4 0 0	9 × × 70	008 64	9 13 03	90 49 6	917 65	9 - 0 - -	- - - 63	- 2	+ 5	12.7	- 5 3	35.3	50
	Attock	××× ××	0 18 05	98 00 0	— —	0 0 9 0 0	- - - -	××× ××	8 09 09	96 14 6	— —	8 0 5 2 0	- - - —	—	—	—	—	—	—
	Khushab	000 76	0 11 05	97 00 0	981 00	0 0 9 0 0	- - - 02	000 68	7 11 05	98 03 1	975 84	7 1 6 × ×	- - - 50	0	2	1.7	4 1	7.4	15
	Montgomery	000 75	2 00 09	96 01 1	933 03	0 0 9 3 0	9 × 0 03	000 71	3 00 00	96 02 1	974 85	0 0 9 0 7	4 0 × 84	+ 1	+ 1	1.6	- 2.2	5.3	10
	Leiah	000 87	0 23 03	97 00 0	933 07	0 0 9 0 0	- - 09	000 82	0 23 02	07 00 0	956 92	0 0 9 0 0	- - - 90	—	—	0.5	—	6.5	8
	Multan	000 72	0 00 00	97 00 0	936 05	0 0 9 0 0	- - - 05	000 71	0 23 05	96 00 0	978 87	0 0 9 0 0	- - - 80	+ 5	4	1.6	- 1 3	4 6	7
	Khanpur	000 73	0 25 07	95 05 0	933 07	0 0 9 0 0	- - - 07	000 73	0 21 07	95 05 0	972 81	9 0 9 0 0	- - - 81	—	- 1	0.2	2 8	1.9	6
	Bahawalpur	000 75	0 23 05	97 00 0	938 04	0 0 9 0 0	- - - 06	000 71	0 23 09	97 00 0	971 86	0 0 9 0 0	- - - 84	+ 5	+ 1	0	- 3.0	5.1	8
	Fort Abbas	000 94	0 23 03	96 00 0	946 04	0 0 9 0 0	9 × × 05	000 60	0 23 03	96 00 0	979 84	0 0 9 0 0	0 - - 75	—	—	0			8
N. W. F. P.	Drosh *	000 59	1 25 09	99 01 1	822 97	1 1 7 0 0	9 × × 00	000 46	0 00 00	98 00 0	378 84	0 0 9 0 0	- - - 78	+ 4	+ 5	1.0	—	21 3	16
	Chakdara	000 75	0 36 02	99 00 0	016 97	0 0 9 0 0	- - - 98	000 76	0 18 05	98 01 2	969 83	6 5 0 0 0	2 × × 80	—	—	2.3	—	14.7	—
	Cherat *	000 71	2 18 10	97 01 1	980 89	2 1 9 0 0	2 × × ××	000 71	8 18 04	93 32 9	899 73	0 0 9 9 0	- - - 70	—	- 1	2.8	- 2.8	24.7	28
	Peshawar																		14
	Parachinar	000 60	2 13 02	99 01 1	900 86	0 0 9 3 0	6 × 7 83	000 60	6 13 02	95 02 2	898 72	2 2 5 6 0	5 × 7 70	+ 3	+ 4	5.2	—	23.0	29
	Miranshah	000 76	2 11 03	98 00 0	966 96	2 2 6 4 5	- - - 80	000 72	0 00 00	98 00 0	091 80	0 0 9 0 0	- - - 82	—	—	0.3	2 5	7.9	13
	Bannu	000 73	0 13 05	97 05 4	940 01	0 0 9 0 0	- - - 01	000 77	0 00 00	96 05 4	958 90	0 0 9 0 0	- - - 86	—	—	3.1	—	8.0	11
	D. I. Khan	000 82	0 00 00	96 00 0	024 05	0 0 9 0 0	- - - 96	000 81	1 09 02	95 06 0	959 90	0 0 9 0 7	3 × × 80	+ 4	- 2	1.1	- 2.1	2.6	9
	Wana																		11
	Landikotal	000 75	0 13 03	98 00 1	854 93	0 0 9 0 0	- - - 95	000 73	1 05 02	99 02 1	881 82	1 2 5 0 0	- - - 75	—	—	0.5	—	10.1	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thal	××× ××	2 27 09	98 01 1	— —	2 8 6 0 0	- - - —	××× ××	1 09 09	99 01 1	— —	1 8 7 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 41	0 00 00	97 00 0	846 01	0 0 9 0 0	0 × × 02	000 67	0 00 00	96 05 0	907 80	0 0 9 0 0	0 × × —	+ 7	—	0.3	- 2.7	6.2	11
	Hindubagh	000 41	0 25 07	98 00 0	874 08	0 0 9 0 0	- - - 09	000 45	0 23 10	98 00 0	904 80	0 0 9 0 0	- - - 68	—	—	0	—	8.3	—
	Loralai	000 69	0 13 06	97 00 1	848 95	0 0 9 0 0	- - - 98	000 45	0 00 08	96 00 0	888 79	0 0 9 0 0	- - - 68	—	—	0.4	—	5.8	—
	Harnai (a)	000 ××	2 09 02	95 01 0	— —	× × 8 0 5	- - —	000 ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	-	-	0.9	- 3.5	9.5	14
	Sibi	000 65	0 09 05	98 00 0	923 03	0 0 9 0 0	- - - 00	000 71	4 73 05	97 02 0	942 91	0 0 9 0 2	- - - 89	—	—	1.2	—	2.7	5
	Quetta †	000 48	0 31 03	99 00 0	900 92	0 0 9 0 0	- - - 98	000 60	0 00 00	98 10 0	899 74	0 0 9 0 0	- - - 59	—	—	0	- 0.7	8.5	9
	Chaman	000 70	0 28 03	97 00 0	550 01	0 0 9 0 0	- - - 03	000 30	0 23 02	97 00 0	878 87	0 0 0 0 0	- - - 80	+ 3	+ 4	0	- 0.1	9.6	8
	Nushki	000 45	0 23 03	98 00 0	912 06	0 0 9 0 0	- - - 10	000 47	0 07 14	97 00 0	929 92	0 0 9 0 0	- - - 83	—	—	0	—	5.4	—
	Dalbandin *	000 73	0 23 09	94 83 3	865 10	0 0 9 0 0	- - - 10	000 55	0 00 00	95 05 0	881 87	0 0 9 0 0	- - - 76	+ 2	+ 1	0	- 0 2	1.8	4
	Nokkundi	000 68	0 34 13	99 00 0	887 12	0 0 9 0 0	- - - 14							—					3
	Kalat †	000 67	0 27 03	98 00 0	915 90	0 0 9 0 0	- - - 94	000 55	0 00 00	98 00 0	923 74	0 0 9 0 0	- - - 61	+ 4	0	0.1	- 0.7	0.0	7
	Turbat	000 73	8 28 03	97 00 1	948 95	0 0 9 0 0	- - - 99	000 74	8 23 02	96 02 2	001 83	6 0 7 2 0	9 0 × 80	—		—	—	—	—
	Panjgur *	000 52	2 27 05	97 03 1	884 02	0 0 9 2 0	9 × 6 03	000 58	0 00 00	97 00 0	897 80	0 0 9 0 0	- - - 72	+ 2	- 4	0	—	3.2	5
	Las Bela																		3
	Ormara	000 76	0 20 13	96 73 0	884 89	0 0 9 0 0	- - - 90	000 78	8 25 09	95 41 1	994 79	6 5 6 2 0	- - - 78	—	—	0	- 0.7	2.7	6
	Pasni	000 73	0 23 10	97 00 0	900 85	0 0 9 0 0	- - - 89	000 73	8 27 03	96 08 2	001 80	8 5 5 - -	- - - 76	0	- 1	0.5	- 0.8	4.7	6
	Jiwani																		4
SIND	Reti	000 97	0 27 09	98 09 1	048 08	0 0 9 0 0	- - - 08	000 81	0 18 10	96 00 0	989 82	0 0 9 0 0	- - - 79	—	—	0	—	0.6	—
	Jacobabad	000 71	0 13 07	97 00 1	017 07	0 0 9 0 0	- - - 07	000 81	1 13 05	96 08 0	961 86	0 0 9 1 0	- - - 83	+ 2	0	0.3	- 1.3	0.7	4
	Sukkur	000 75	1 00 00	96 01 0	028 08	0 0 9 0 4	- - - 08	000 73	5 16 08	96 08 1	955 88	0 0 9 0 4	- - - 80	—	—	0	—	0.5	4
	Pad Idan	000 75	0 00 00	98 00 0	030 11	0 0 9 0 0	- - - 12	000 75	2 13 05	98 01 0	955 83	0 0 9 0 1	- - - 80	—	—	0	—	0.1	—
	Karachi (Manora)	000 74	3 25 24	96 02 3	996 88			000 78	6 25 05	96 02 2	995 79	0 0 9 3 0	- - - 78		- 1	0.5	- 3 7	0 5	8
	Karachi (A. P.)	000 73	6 23 19	97 00 0	078 02	3 5 4 0 0	- - - 90	000 73	6 25 12	96 02 1	000 81	4 6 4 3 0	- - - 79	—	—	1.4	—	1.7	—
	Badin					0 0 9 0 0	- - - 94	000 75	0 23 07	97 03 1	086 82	0 0 9 0 3	- - - 79	+ 2	- 1	0.2	+ 2.2	6.2	8
	Nagarparkar																		
	Chhor (Umarkot)	000 75	0 23 10	97 08 4	072 95	0 0 9 0 0	- - - 97	000 76	6 23 16	97 02 0	980 82	0 0 9 4 0	- - - 79	—	—	1.2	—	1.2	—
	Hyderabad	000 83	0 28 07	97 00 0	066 95	0 0 9 0 0	- - - 99	000 73	0 23 07	96 00 0	989 84	0 0 0 0 0	- - - 79	+ 2	- 1	0.4	- 3.2	0.6	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul	000 22	0 03 07	98 00 0	052 92	0 0 9 0 0	- - - 96	000 30	0 29 03	98 00 0	052 71	0 0 9 0 0	- - - 62	—	—	0	—	3.3	12
	Jalalabad	000 67	1 00 02	97 01 1	978 01	0 0 9 7 0	4 × 9 03	000 73	1 00 00	96 01 1	088 83	1 1 6 9 0	2 × × 53	—	—	0.5	—	6.3	—
	Kandahar					0 0 9 0 0	- - - 04	000 53	0 00 00	97 00 0	884 73	0 0 9 0 0	- - - 62	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY THE 4TH AUGUST, 1951.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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	$N_hC_LhC_MC_H$	$W_1D_HD_MT_nT_n$	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	Gharba	-	-	-	-	-	-	...	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	Mashed	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire		...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 79	0 05 02	97 00 0	995 86	0 0 9 0 0	- - - 89	000 82	0 13 02	96 00 0	989 85	0 0 9 5 0	- - - xx	- 3	...	0	0.1	0.3	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	1 29 12	97 00 0	984 82	0 0 9 0 0	- - - 86	000 xx	0 29 05	97 00 0	984 85	0 0 9 0 0	- - - 89	...	...	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).
(a) Reports only rainfall.
Whenever 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.
RRR at 0600 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 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 $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	O $T_s T_s T_d T_d$	$1d_wd_wP_wH_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Palamcotta	68 285	671 06	4 25 14	97 02 0	027 84	11 6 05	-	-	-	-
Bharatratna	68 195	716 06	8 23 09	96 20 5	054 88	-	-	-	-	-
Jalarajendra	68 207	702 06	5 25 15	96 03 1	065 76	-	-	-	-	-
City of Barcelona	68 184	622 06	4 27 16	98 01 1	079 84	21 6 31	6 8 310	-	0 01 79	1 27 xx
Umaria	67 226	679 06	2 26 28	97 01 1	082 84	21 4 60	-	-	-	-
Darakirdo	68 217	691 06	6 27 17	98 02 1	062 83	67 7 00	7 5 320	-	0 01 79	1 27 xx
Almkurk	63 107	647 06	0 18 15	93 01 0	105 74	00 8 00	2 8 310	-	0 51 78	2 22 47
City of Barcelona	68 185	684 12	2 27 18	98 02 1	054 83	xx 5 xx	4 3 310	-	0 01 82	1 27 x7
Bharatratna	68 184	718 12	6 23.09	97 02 2	071 84	-	-	-	-	-
Jalrajendra	68 202	712 18	5 28 10	97 03 1	087 78	3x X xx	-	-	-	-
Bharatratna	68 177	721 18	2 28 05	97 00 2	074 82	-	-	-	-	-
Umaria	68 240	668 18	1 25 20	97 01 1	010 84	11 4 00	-	-	-	-
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

TATION	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 ...	788 14	997 27 242 60	954 65 241 82	705 30 199 49	509 46 509 94	302 35 709 94	201 92 849 97	555 55 269 17	221 84 299 09	232 74 458 56	221 86 598 26	271 28 656 99	260 86 667 05

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	18	19	20	21	22	23	24	25
Bogra	10 85	11 09	11 13	10 19	09 19	09 19	...	-	-	-	11 13	12 11	11 09	11 09	08 11	13 09	-	-	-	-	28 01	85 13	69 13	26 06
Dhor	22 24	23 28	24 28	20 83	...	-	-	-	-	-	14 11	15 16	15 17	14 21	...	-	21 20	22 28	23 87	-	-	-	-	-
Chittagong	-	-	-	-	-	-	-	-	-	-	15 15	16 16	16 18	-	-	-	14 14	-	-	-	-	-	-	-
Cox's Bazar	17 21	16 14	15 15	17 18	16 18	16 17	-	-	-	-	14 08	16 15	16 14	-	-	-	19 15	21 21	21 28	21 28	21 26	-	-	-
Dacca	25 09	14 13	14 14	10 12	-	-	-	-	-	-	-	-	81 10	22 10	23 10	20 03	13 14	18 14	18 12	12 25	11 99	11 28	-	-
Daibandin	-	-	28 07	24 05	25 06	26 04	25 22	24 28	-	-	-	-	-	21 08	73 06	19 08	-	-	18 11	61 04	56 05	20 05	25 10	-
Drosr	-	-	-	-	23 07	01 06	34 14	33 07	-	-	-	-	-	03 15	07 12	24 07	-	-	-	-	33 01	35 15	09 13	26 06
Fort Sandeman	-	-	-	06 05	04 06	24 15	30 41	-	-	-	-	-	-	24 15	23 17	-	18 13	19 05	17 05	03 04	06 06	01 06	21 06	31 09
Sacobabad	18 08	20 09	20 08	24 01	25 16	24 13	27 06	-	-	-	12 07	10 04	19 04	24 15	23 17	-	-	-	-	26 04	24 13	25 11	07 04	04 15
Jheium	13 04	13 05	14 04	13 09	09 05	-	-	-	-	-	11 10	12 14	13 09	12 07	22 07	24 10	-	-	-	-	-	-	-	-
Jiwani	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Karachi	27 25	26 81	27 33	-	-	-	-	-	-	-	26 23	26 21	26 23	24 06	07 08	06 11	26 22	24 24	25 26	-	-	-	-	-
Khanpur	21 05	12 06	19 06	29 04	20 05	26 18	-	-	-	-	10 19	22 29	24 11	29 06	01 06	-	19 15	20 15	17 12	09 05	01 06	28 17	26 15	01 19
Lahore	11 05	14 05	14 04	22 05	28 12	29 08	-	-	-	-	-	-	-	-	-	-	12 16	14 17	16 11	24 05	20 05	25 06	-	-
Multan	18 11	16 03	18 05	20 04	19 01	34 12	32 18	-	-	-	19 99	20 12	21 14	28 14	24 03	26 15	20 18	19 19	14 09	02 02	11 09	01 12	26 16	35 10
Peshawar	-	-	-	-	-	-	-	-	-	-	-	05 03	01 03	20 08	24 15	01 11	-	25 12	23 13	25 06	18 10	-	-	-
Quetta	-	-	-	-	23 05	29 06	16 12	-	-	-	-	-	-	-	28 04	27 06	-	-	-	-	30 01	30 20	23 04	16 12
Bushire	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shariar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

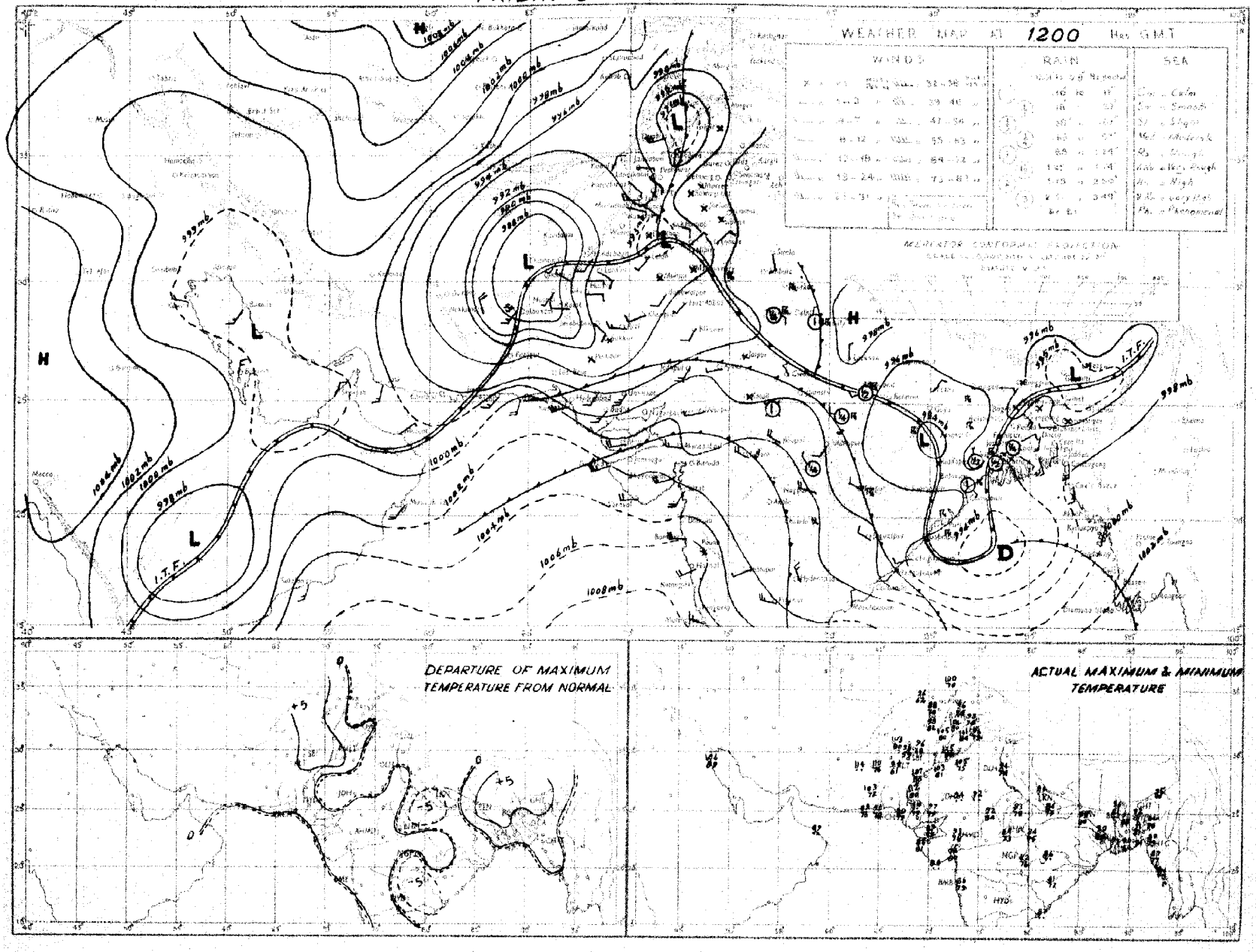
Cloud Observation Data (iiiGG Cddv, v_r)

* 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 w nds relate are 0.5, 0.9, 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

FRIDAY 3rd AUGUST 1951


WEATHER MAP AT 1200 Hrs GMT
WINDS
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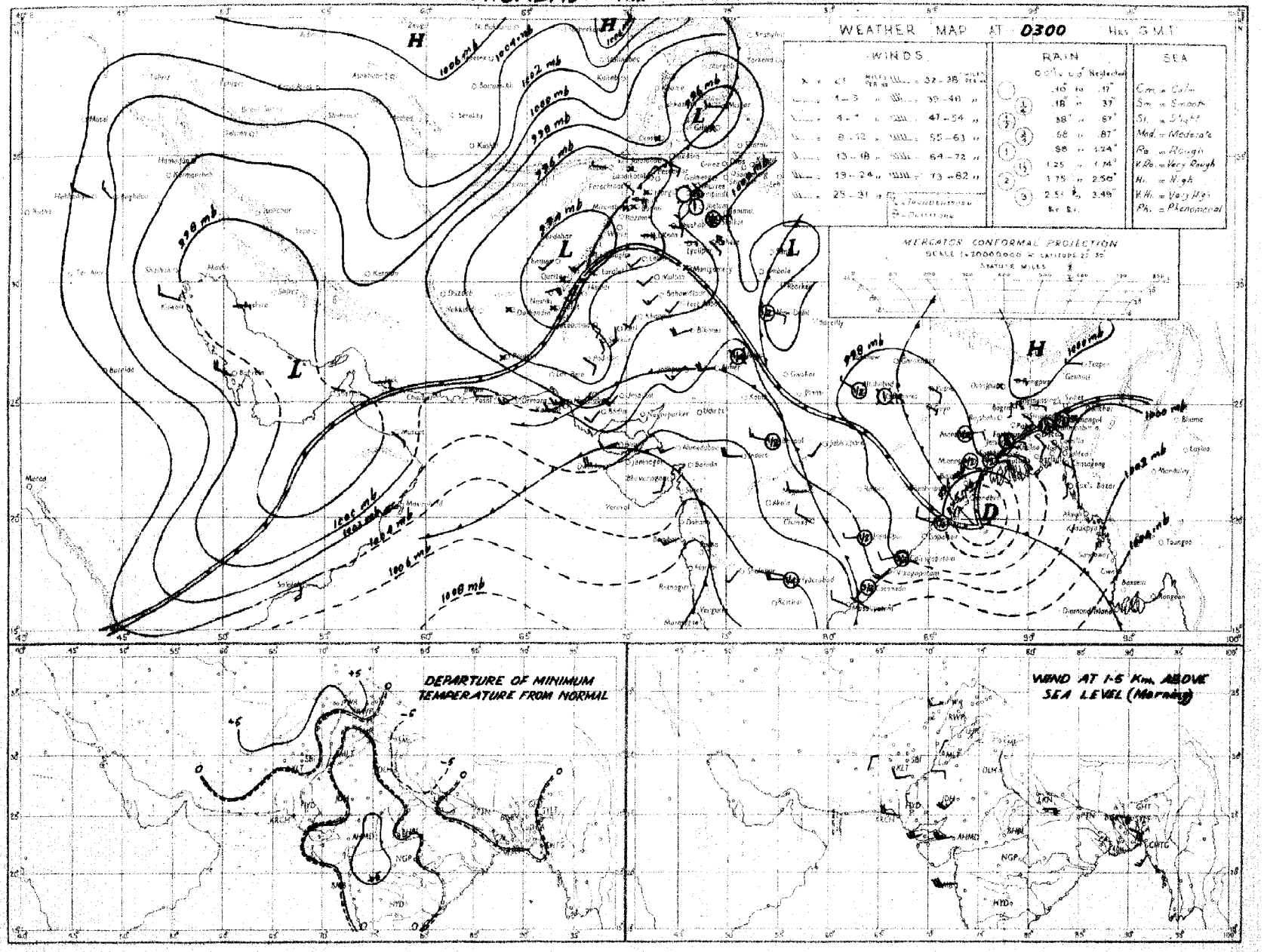
PAKISTAN DAILY WEATHER MAP

SATURDAY 4th. AUGUST 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-1467

FOR SUNDAY, THE 5TH AUGUST, 1951

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

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

Yesterday's deperssion in north west Bay crossed orissa coast and now lies as a law over orissa and adjoining chota Nagpur. Monsoon is likely to strengthen in East Pakistan.

Seasonal low extends from plains of the Punjab to Baluchistan.

Fairly widespread rain/thundershowers have occurred in East Pakistan and the north Punjab. Scattered dust/thunderstorms have been reported from northeast Baluchistan and the North-West Frontier Province.

Chief amounts of rainfall are :—Cox's Bazar 1", Jhelum 1", Mymensingh, Narayanganj, Murree and Fort Sandeman ½" each and Chittagong, Comilla, Khulna, Satkhira and Barisal ¼" each.

Day temperatures were appreciably to markedly below normal in the upper North-West Frontier Province and the north Punjab and generally appreciably above normal elsewhere over the Country.

Forecast valid until the evening of 6th :—Rain/Thundershowers will be fairly widespread in East Pakistan and local in the north Punjab, the upper North-West Frontier Province and Kashmir. Local dust/thundrstorms fallowed by showers will also occur in plains of the Punjab, the lower North-West Frontier Province, north Baluchistan and upper Sind. A few dust/Thunderstorms are also likely in lower Sind.

Karachi-11.
The 5th August, 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 77	5 13 03	95 02 5	977 83	2 8 6 3 1	0 0 0 90	367 78	8 18 03	93 62 6	005 78	1 5 4 2 0	9 × 9 77	+ 5	+ 1	60 9	- 12.0	59.5	140
	Chittagong	000 78	5 ×× ××	97 01 1	966 85	4 6 6 8 5	8 × × 89	030 77	8 ×× ××	96 60 6	994 78	8 6 4 - -	7 × × 77	+ 3	+ 1	48 8	0 9	76.5	106
	Comilla	000 88	6 13 05	98 08 1	965 90	4 4 7 0 2	- - - 90	080 88	8 23 05	93 03 1	983 87	8 5 8 0 0	9 0 0 80	+ 3	- 3	58 0	+ 20.4	64 6	118
	Brahmanbaria	000 81	4 18 02	97 03 2	969 89	4 4 5 0 0	- - 93	000 77	7 03 05	97 03 1	993 83	8 5 5 2 0	0 × 4 80	—	—	80 1	+ 1.6	40.1	94
	Dacca	××× 73	7 13 05	98 02 2	950 86	4 8 6 1 0	8 × × ××	××× 80	7 13 02	96 02 2	981 85	2 4 5 1 0	8 × × 78	—	—	—		—	78
	Narayanganj	000 75	8 16 02	95 03 2	958 85	1 2 5 0 7	9 0 × 91	061 80	8 16 03	95 03 6	995 85	8 5 5 × -	6 × × 78	+ 8	1	37.2	+ 0 9	56.2	74
	Mymensingh	000 79	9 00 09	98 00 3	960 89	0 0 9 0 0	- - 92	045 79	8 03 05	98 02 5	998 84	8 0 6 - -	0 × × 79	+ 4	+ 1	27 2	8 7	35.3	91
	Srimangal	000 80	6 24 00	97 03 1	969 90	4 2 7 0 2	0 6 × 94	002 80	8 09 02	96 21 6	993 81	8 5 6 - -	—	+ 3	—	36.9	+ 3 5	66.0	98
	Khulna	020 81	6 13 02	96 50 0	959 82	6 4 6 0 0	- - - 89	020 80	6 18 03	97 01 1	966 85	6 2 6 0 0	- - - 79	+ 2	+ 1	27 5	1 4	36 0	88
	Satkhira	012 80	8 13 03	96 03 6	955 83	8 9 4 6 0	6 0 × 90	022 80	6 23 02	97 03 6	983 85	5 4 7 6 0	5 0 × 80	+ 2	+ 2	16 1	11 3	24 7	85
	Jessore							000 76	6 16 05	97 02 2	965 87	3 8 6 5 0	0 0 × ××	—		16 5	9.8	23 6	65
	Faridpur	000 78	6 08 09	98 02 6	960 85	4 4 8 1 0	1 × × 85	000 80	8 05 09	97 02 1	983 84	5 4 8 1 0	9 × × 79	- 2	0	16 5	11 3	28 6	71
	Barisal	012 79	8 16 05	97 01 6	960 84	6 4 6 0 8	4 × × 89	026 80	8 18 02	97 03 2	980 83	3 8 5 5 7	0 × × 79	+ 2	+ 1	28 0	6.0	37.8	91
	Pabna																		56
	Rampur Boalia																		56
	Sirajganj	000 80	2 13 03	99 01 1	966 89	1 1 7 - -	- - - 91	000 78	6 09 08	98 02 2	978 85	6 2 7 - -	- - - 81	+ 4	+ 2	25 7	- 0 2	25 7	84
	Bogra	000 80	3 00 00	96 03 1	964 91	4 4 6 0 0	- - - 93	000 79	6 13 03	96 01 9	977 86	4 3 7 0 5	- - - 82	+ 5	+ 3	25.8	- 2 2	32.7	88
	Dinajpur	000 77	0 00 00	97 00 0	961 92	0 0 9 0 0	- - - 94	000 77	4 00 00	97 03 2	988 86	0 0 9 4 0	4 0 0 62	+ 5	+ 3	26 5	4 9	30.9	72
	Rangpur	000 ××	4 00 00	95 02 1	— —	4 1 8 0 0	- - - —	000 ××	3 09 05	98 02 1	— —	3 1 8 0 0	- - - —	—	—	48 1	+ 12 3	57.8	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 85	3 18 05	96 01 9	947 95	0 0 9 3 0	9 0 6 95	000 81	2 07 02	96 01 5	968 88	0 0 9 0 5	9 0 0 82	- 4	+ 1	1 7	- 2 9	6 0	13
	Lahore	001 80	7 05 05	96 03 2	960 88	1 1 6 0 3	7 9 × 92	006 79	1 13 02	96 00 0	978 86	0 0 9 0 1	9 9 × 80	- 6	+ 2	8 6	+ 0.7	12 5	19
	Sialkot	010 77	3 00 00	97 07 1	961 86	0 0 9 6 0	- - 86	010 80	1 00 00	97 01 0	974 89	1 0 9 6 0	- - 76	- 10	- 3	5.0	7.2	9.5	32
	Jhelum	076 79	5 31 08	98 01 9	983 85	1 1 7 7 0	2 × 9 86	076 79	0 00 00	96 00 4	986 82	0 0 9 0 0	3 × × 72	—	—	11.0	—	20.3	—
	Rawalpindi	000 76	3 00 00	99 02 9	965 84	0 0 9 3 0	- 68	000 74	3 00 00	99 01 1	988 84	0 0 9 2 0	- - - 74	- 7	- 2	8 1	- 3.6	18.9	24
	Murree †	058 66	5 31 08	97 02 6	003 73	3 1 4 5 0	3 × 9 74	058 62	2 00 00	98 01 4	015 68	2 1 4 0 0	9 × × 62	+ 2	+ 4	18 5	- 5 2	35.9	59
	Attock	××× ××	6 11 02	98 00 0	— —	0 0 9 0 0	- - - -	××× ××	7 00 00	96 00 0	— —	7 × 6 2 -	- - - —	—		—	—	—	—
	Khushab	000 75	1 07 05	99 01 1	954 92	0 6 9 0 4	- - - 94	000 78	6 05 05	98 03 1	978 80	6 5 7 0 0	- - - 81	- 7	1	1.7	4.2	7.4	18
	Montgomery	000 76	2 18 02	90 01 1	985 00	0 0 9 4 0	9 × 0 04	000 76	× 00 00	96 01 1	978 88	0 0 9 4 0	5 0 3 85	+ 2	+ 2	1.6	2.8	5.8	10
	Leiah	000 86	2 09 08	97 01 0	931 07	0 0 9 0 2	- - - 09	000 82	2 13 02	07 02 1	958 91	0 0 9 0 3	- - - 90	—	—	0.8	—	6.5	8
	Multan	000 73	0 31 02	97 00 0	937 03	0 0 9 0 0	- - - 05	000 74	0 00 00	96 00 0	971 91	0 0 9 0 0	- - - 87	+ 5	+ 3	1.6	1 4	4 6	7
	Khanpur							000 74	× 21 07	95 05 5	972 88	0 0 9 4 0	3 × 9 82	—	+ 1	0.2	2 9	1.9	6
	Bahawalpur	000 73	0 33 02	97 00 0	934 05	0 0 9 0 0	- - - 05	000 77	0 28 07	97 00 0	968 90	0 0 9 0 0	- - - 88	+ 4	+ 3	0	3 1	3 1	6
	Fort Abbas	000 94	0 13 03	96 00 0	934 04	0 0 9 0 0	0 - - 05	000 78	0 23 03	96 00 0	959 82	0 0 9 0 0	0 - - 78	—	—	0.3	—	1.2	3
N. W. F. P.	Drosh *	000 57	1 25 16	99 01 1	813 99	1 1 7 0 0	8 × × 03	000 65	4 00 00	97 01 0	887 82	1 5 5 4 0	6 × 9 80	- 6	+ 7	1.0	—	21.3	16
	Chakdara	000 78	3 27 03	00 03 0	940 89	3 5 6 0 0	2 × × 93	000 74	0 00 00	98 00 2	075 85	0 0 9 0 0	- - - 78	—	—	2.3	—	14.7	—
	Cherat *	000 71	3 18 10	97 01 1	921 80	3 1 9 0 0	8 × × ××	000 67	4 00 00	97 01 9	918 75	0 0 9 0 3	- - - 70	×	- 1	2.6	- 3 0	24.7	29
	Peshawar	000 63	2 18 08	96 01 1	020 95	2 3 6 0 0	- - - 90	000 74	3 27 02	96 02 2	985 86	3 3 6 0 0	- - - 82	- 1	+ 3	0.4	1.6	7.7	14
	Parachinar	080 67	6 18 02	99 02 2	910 87	3 2 7 6 0	6 × 9 80	××× 63	0 00 00	99 00 0	320 75	0 0 9 0 0	9 × × 70	+ 4	+ 4	5.3	—	23.0	29
	Miranshah	000 75	5 07 05	97 02 1	869 96	5 2 6 4 5	- - - 98	000 75	0 00 00	97 02 4	899 84	0 0 9 0 0	- - - 79	—	—	0 3	2 6	7.9	13
	Bannu	000 79	9 09 07	94 09 4	933 96	9 0 - -	- - - 00							—					11
	D. I. Khan	000 80	3 11 02	95 02 0	933 03	0 0 9 0 3	0 0 0 08	000 79	0 05 02	95 06 0	976 85	0 0 9 0 0	- - - 77	+ 2	- 5	1 1	2.1	2.8	9
	Wana																		11
	Landikotal	000 70	2 06 03	98 02 1	857 92	2 1 6 0 0	- - - 03	000 70	6 34 03	98 02 1	895 81	6 7 6 0 0	- - - 75	—	—	0.5	—	10.1	—
	Hangu	××× ××	0 00 03	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	—	—	—	-	—	—
	Thull	××× ××	× 36 09	98 08 6	— —	—	2 9 9 —	××× ××	6 86 09	98 08 1	— —	2 8 7 3 1	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	027 65	8 31 23	93 60 9	908 96	8 6 6 0 0	2 × × 99	047 61	0 00 00	98 00 0	902 77	0 0 9 0 0	0 × × 66	+ 4	- 8	0.8	- 2.1	6.9	15
	Hindubagh	000 59	2 25 09	97 02 1	860 99	2 2 6 0 0	- - - 00	000 59	0 27 05	99 00 0	906 77	0 0 9 0 0	- - - 64	—	—	0	—	8.2	—
	Loralai	000 76	6 12 06	98 10 3	865 95	0 0 9 7 0	- - - 96	000 67	0 05 05	97 00 9	885 80	0 0 9 0 0	- - - 66	—	—	0.4	—	6.8	—
	Harnai (a)	000 ××	8 09 08	96 01 0	— —	0 0 9 0 5	2 0 × —	000 ××	0 23 02	96 00 2	—	0 0 9 0 0	- - - —	—		0.9	- 3.6	9.5	14
	Sibi							000 82	0 23 05	98 00 1	951 91	0 0 9 0 0	- - - 90			1.2	—	2.7	5
	Quetta †	000 45	0 34 05	00 00 0	890 98	0 0 9 0 0	- - - 99	000 63	0 13 02	98 10 0	902 78	0 0 9 0 0	- - - 70	—	—	0	- 0.8	3.5	9
	Chaman	000 70	0 31 03	97 00 0	835 03	0 0 9 0 0	- - - 05	000 54	0 07 02	97 00 0	874 90	0 0 9 0 0	- - - 79	+ 5	+ 3	0	0.1	0.6	8
	Nushki	000 57	0 27 14	99 00 0	891 10	0 0 9 0 0	- - - 11	000 66	0 09 14	97 00 0	921 90	0 0 9 0 0	- - - 87	—	—	0	—	5.4	—
	Dalbandin *	000 78	0 11 03	96 00 0	850 11	0 0 9 0 0	- - - 11	000 54	0 00 00	97 00 0	865 82	0 0 9 0 0	- - - 78	+ 3	+ 3	0	- 0 2	1.8	4
	Nokkundi	000 45	0 34 09	98 05 1	872 12	0 0 9 0 0	9 × × 15	000 59	1 00 00	99 03 1	923 90	0 0 9 0 0	0 × × 55	—	—	0	—	0.9	3
	Kalat †	000 67	0 33 05	98 00 0	897 92	0 0 0 0 0	- - - 96	000 67	0 18 02	98 00 0	916 69	0 0 9 0 0	- - - 64	+ 6	- 3	0.1	- 0.8	9.0	7
	Turbat							000 75	4 23 02	96 03 1	875 85	4 0 5 2 0	9 0 × 81		—	—		—	—
	Panjgur *							000 68	1 00 00	97 03 1	881 88	0 0 9 0 1	9 0 × 75		—	—	—	—	3
	Las Bela																		3
	Ormara	000 78	0 25 09	96 08 0	956 87	0 0 9 0 0	- - - 88	000 78	8 00 00	94 41 2	993 80	8 5 6 0 0	- - - 78	—	-	0	- 0.7	2.7	6
	Pasni	000 73	0 23 07	97 00 0	962 89	0 0 9 0 0	- - - 89	000 74	8 13 06	96 08 2	987 77	8 5 5 0 0	5 × × 77	0	0	0.5	- 0.5	4.7	4
	Jiwani																		4
SIND	Reti	000 93	0 13 03	96 00 0	940 06	0 0 9 0 0	- - - 06	000 71	0 23 05	98 00 0	988 82	0 0 9 0 0	- - - 85	—		0	—	0.8	—
	Jacobabad	000 71	0 16 09	97 00 1	924 04	0 0 9 0 0	- - - 05	000 74	4 16 05	98 08 1	970 86	0 0 9 8 8	- - - 84	0	+ 1	0.2	1.8	0.7	4
	Sukkur	000 75	0 13 02	96 00 1	921 03	0 0 9 0 0	4 × × 06	000 75	1 11 03	96 01 1	972 88	0 0 9 0 8	- - - 80	—	—	0	—	0.5	4
	Pad Idan	000 73	0 13 05	98 00 1	918 03	0 0 9 0 0	- - - 09	000 77	7 18 09	98 01 0	965 85	4 5 7 7 0	- - - 81	—	—	0	—	0.1	—
	Karachi (*Manora*)	000 77	0 25 09	97 00 0	989 84	0 0 9 0 0	- - - 58	000 78	8 25 05	96 02 2	980 79	8 6 4 0 0	- - - 78	0	- 1	0.8	- 3 7	0 5	3
	Karachi (*A. P.*)	000 78	2 25 12	96 01 1	969 85	2 5 5 0 0	- - - 89	000 77	5 25 12	96 03 5	986 81	8 5 5 - -	6 × × 79	—	—	1.5	—	1.7	—
	Badin	000 75	0 28 07	97 02 2	958 91	0 0 9 0 5	- - - 94							+ 3					9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 78	4 23 12	97 00 0	947 95	0 0 9 0 4	- - - 97	000 78	6 18 09	97 05 0	952 82	0 0 9 3 3	- - - 80	—	—	1.2	—	1.2	—
	Hyderabad	000 69	0 28 09	97 00 0	857 97	0 0 9 0 0	- - - 99	000 74	2 23 05	97 01 1	974 83	0 0 9 4 0	- - - 80	+ 3	0	0.4	- 3 4	0.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 37	1 02 03	86 00 0	885 03	0 0 9 4 0	- - - 08	000 33	0 29 03	83 00 0	958 87	0 0 9 0 0	- - - 57	—	—	0	—	9.9	13
	Jalalabad	000 66	3 09 04	86 01 1	877 01	0 0 9 7 0	4 × 9 03	000 75	1 00 00	98 01 1	985 82	0 0 9 7 0	2 - 9 81	—	—	0.5	—	6.9	—
	Kandahar	000 85	0 22 25	98 00 0	814 01	0 0 9 0 0	- - - 04							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY THE 5TH AUGUST, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	N_h C_L hC_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	$N_hC_LhO_MC_H$	$W_1D_HD_MT_nT_n$	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	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 81	0 05 05	97 09 0	962 87	0 0 0 0 0	--- 59	000 79	9 25 02	97 00 0	963 86	0 0 0 0 0	--- xx	3	x	0	0.1	3.5	4
	Sharjah													--	--	--	--	--	4
	Kuwait	000 xx	0 34 23	93 07 0	966 02	0 0 0 0 0	--- 02	000 xx	0 21 09	96 00 0	988 90	0 0 0 0 0	--- 85	--	--	--	--	--	9

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,499-6,513 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 $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_MC_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_wH_w
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bharatratna	73 159	789 06	6 25 09	97 02 8	064 93	--	--	---	--	--
Gerun	72 186	805 06	2 25 20	98 02 1	011 81	00 9 07	6 3 001	---	0 01 73	1 25 47
City of Brecionk	72 186	852 06	4 25 26	98 02 1	038 83	42 5 61	4 3 300	---	0 01 76	1 25 x8
Bengauris	72 070	775 06	7 25 14	96 02 1	098 82	00 9 87	6 4 300	-	0 02 74	1 27 38
Almkerk	73 905	811 06	4 22 24	98 02 0	109 81	00 9 01	2 6 300	---	0 01 74	1 33 47
Bharatratna	73 149	784 12	5 25 09	97 02 2	071 81	--	--	---	--	--
City of Barcelona	73 189	855 12	6 25 25	94 02 1	031 82	62 4 8x	6 3 300	---	0 00 76	1 25 x7
Jalaganga	73 180	726 12	6 25 11	97 02 8	033 82	58 6 1	4 4 000	8 5 930	0 01 76	1 26 33
Bengkalis	73 072	783 12	6 29 16	89 02 2	061 82	28 4 7x	6 4 610	---	0 01 74	1 28 34
Lawak	73 107	751 18	6 30 13	98 25 8	092 81	42 5 4·	7 3 492	---	0 03 74	1 30 34
Bharatratna	73 188	740 18	6 25 06	97 00 1	074 81	--	--	---	--	--
Dara	73 247	663 18	2 22 06	98 01 1	033 80	2x x 09	6 5 310	--	0 01 79	1 26 xx
BAY OF BENGAL										
Tarakan	73 042	875 12	2 22 14	98 01 1	085 82	22 5 00	6 5 594	--	0 01 81	1 22 45

Radio-Sonde Data (Temperatures in °C)

of previous day.

TATION	TEMP	CODE :—	iiiGG	$P_oP_oP_oT_oT_o$	$T_dT_dT_{xo}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.	5555	$h_rh_{s1}P_1P_1P_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.		
1	2	3	4	5	6	7	8	9	10	11	12	13
Karachi	789 14	995 27	247 60	854 62	281 11	702 14	120 47	509 14	559 94	555 55	899 90	199 97

TATION	14	15	16	17	18	19	20	21	22	23	24	25	26
1	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	848 90	189 91	428 65	281 81	849 69	250 78	486 09	995 48	174 52	619 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	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	11 09	11 13	11 13	--	--	--	--	--	--	--	12 09	13 13	12 15	--	--	--	12 27	12 25	--	--	--	--	--	--
Chhor	21 19	21 17	23 27	--	--	--	--	--	--	--	--	--	--	--	--	--	23 21	23 21	23 17	21 25	--	--	--	--
Chittagong	13 10	14 13	14 15	--	--	--	--	--	--	--	--	--	--	--	--	--	15 29	--	--	--	--	--	--	--
Cox's Bazar	10 17	10 19	10 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dacca	13 08	13 17	13 25	--	--	--	--	--	--	--	15 13	16 14	16 12	--	--	--	25 17	13 15	14 14	14 11	--	--	--	--
Dalbandin	-	-	09 04	12 02	04 01	05 02	17 04	--	--	--	--	--	18 03	25 04	28 08	22 15	--	--	25 04	27 04	30 10	30 11	27 28	--
Drasr	--	--	--	--	22 04	21 06	17 05	25 06	29 12	30 22	--	--	--	25 06	21 09	19 26	--	--	--	--	24 04	19 07	26 07	24 06
Fort Sandeman	--	--	--	27 04	18 01	18 05	21 14	29 17	24 17	02 24	--	--	--	18 02	23 05	22 05	--	--	--	04 08	05 05	22 02	25 06	05 09
Hacobabac	15 06	15 05	15 06	16 06	04 06	01 14	26 18	31 11	23 11	06 22	12 05	10 03	26 03	00 02	23 03	24 04	14 10	17 08	10 07	00 03	18 05	22 18	--	--
Jhelum	14 14	18 07	--	--	--	--	--	--	--	--	26 02	09 06	10 07	11 05	25 09	23 07	06 04	15 02	18 05	11 06	25 13	24 12	07 08	11 09
Piwani	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Karachi	25 20	25 22	26 29	--	--	--	--	--	--	--	28 15	25 16	29 15	--	--	--	26 15	24 15	24 10	--	--	--	--	--
Khanpur	18 05	16 03	14 08	16 11	08 11	05 10	26 17	21 07	05 14	--	18 13	19 16	20 05	21 07	24 06	20 05	20 15	22 06	25 05	14 02	14 07	--	--	--
Lahore	09 09	07 08	07 12	10 09	--	--	--	--	--	--	09 07	08 07	09 09	09 02	26 09	03 06	11 05	11 13	11 13	07 08	05 02	05 02	24 02	--
Multan	23 10	19 09	18 02	09 07	12 05	05 08	25 19	05 07	--	--	13 03	16 05	17 08	--	--	--	23 05	25 07	15 03	27 02	04 05	25 06	24 12	--
Peshawar	--	24 05	26 04	19 09	21 15	--	--	--	--	--	--	04 04	27 03	19 08	29 03	25 03	--	28 04	22 21	10 03	01 03	30 03	01 18	31 20
Quetta	--	--	--	--	31 05	30 09	26 09	04 15	05 15	04 26	--	--	--	--	--	--	--	--	--	--	15 13	17 08	30 19	--
Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sharjah	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

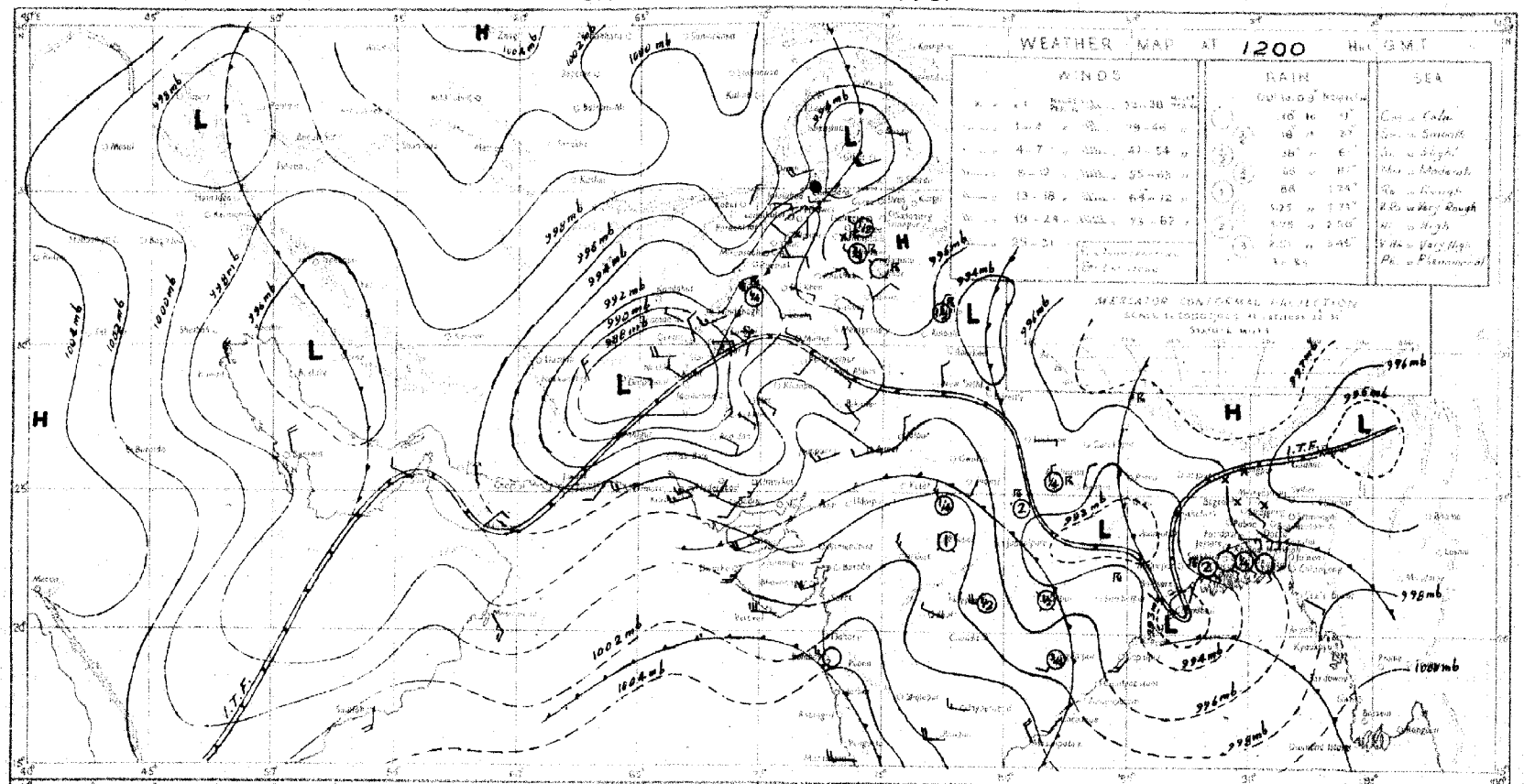
Cloud Observation Data (iiiGG Cddv, v,)

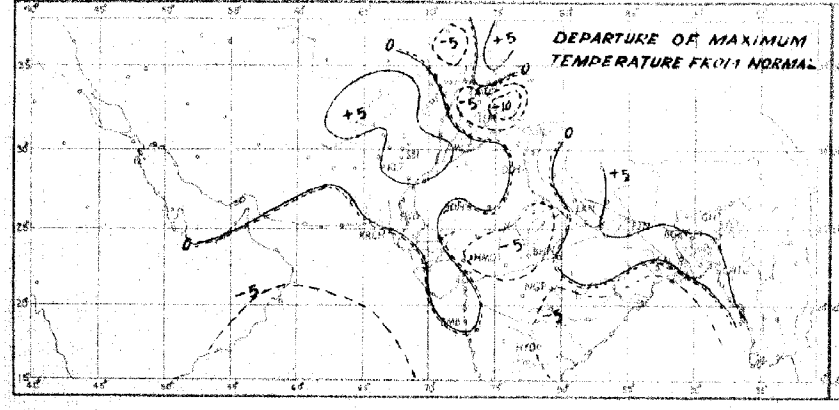
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper w nds relate are 0.5, 1.0, 1.5, 2.1, 3.0 & 3.6 G.C. 7.5, and 9.9 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

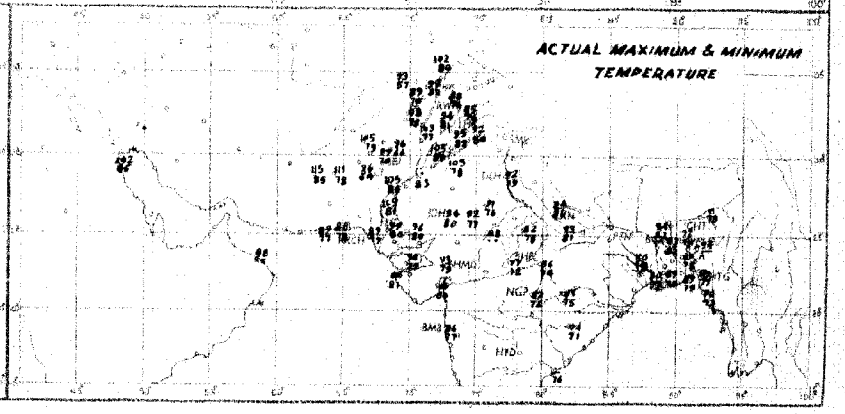
N. P. W.

PAKISTAN DAILY WEATHER MAP

SATURDAY 4th: AUGUST 1951



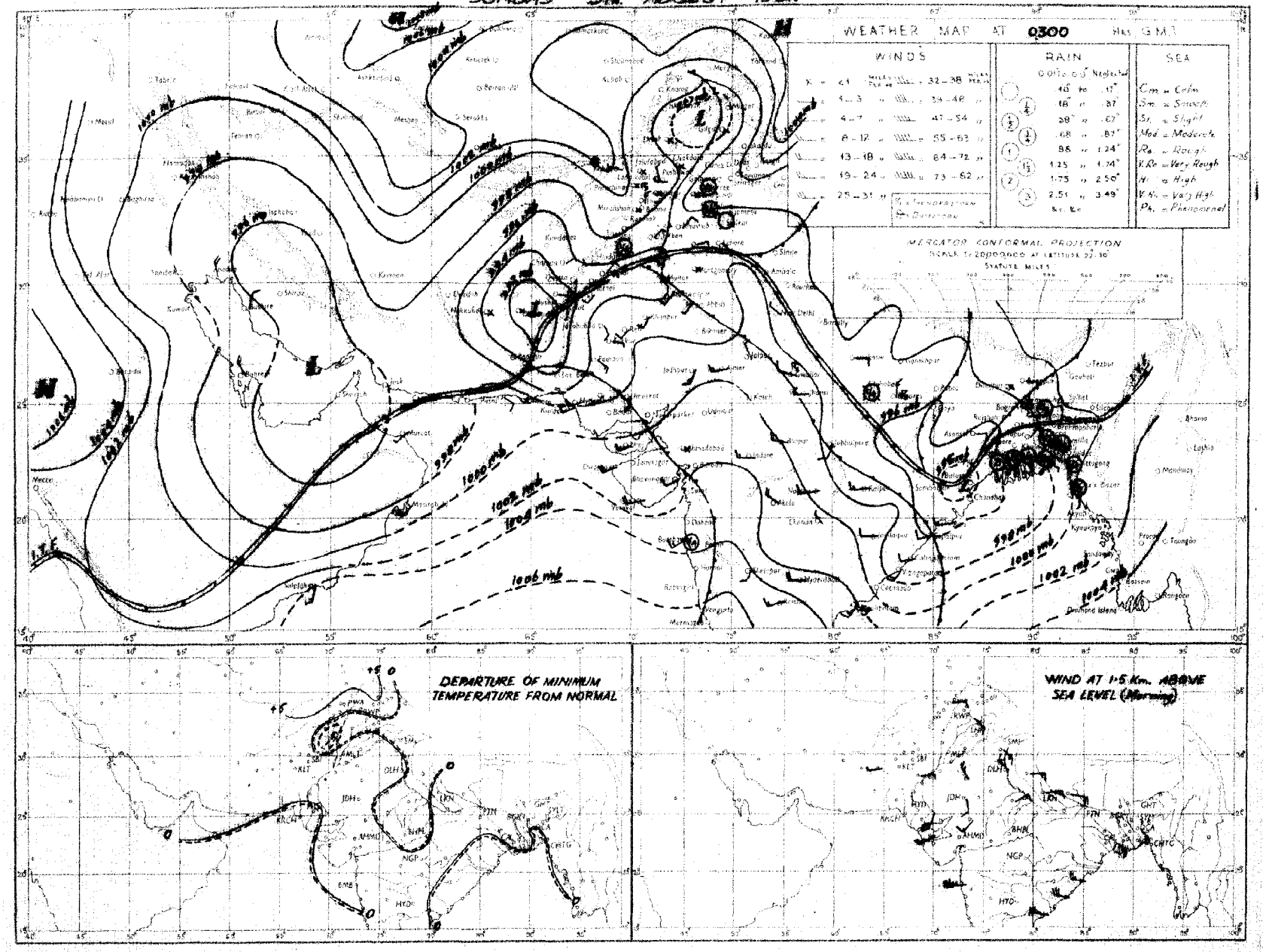




Rainfall amounts indicated in the above chart refer to past 24 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 5th AUGUST 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-1467

FOR MONDAY, THE 6TH AUGUST, 1951

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

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

A well marked trough of low lies in the northwest angle Bay of Bengal. It is likely to concentrate into a depression.

Seasonal low extends form the south Punjab to Baluchistan.

Rain/thundershowers have been fairly widespread in East Pakistan and scattered in the north Punjab.

Chief amounts of rainfall are :—Cox's Bazar 3", Chittagong 1", Satkhira, Jessore, Sirajganj and Rangpur ½" each and Srimangal and Dinajpur ¼", each.

Day temperatures were appreciably above normal in north Baluchistan.

Forecast valid until the evening of 7th :—Local rain/thundershowers will occur in East Pakistan and local thunderstorms in the north Punjab and Kashmir. Scattered dust/thunderstorms will also occur in the south Punjab, the North-West Frontier Province, and north Baluchistan.

Karachi-11.
The 6th August, 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	$N_hC_Lh\ C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\ C_MC_H$	$W_tD_sD_MT_nT_n$	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	115 78	8 13 06	93 62 6	987 78	2 8 3 2 0	9 × 0 81	288 77	8 16 03	93 62 6	005 77	1 5 4 2 0	9 × 0 76	- 4	0	63 8	- 18 0	62.4	140
	Chittagong	005 77	8 ×× ××	96 03 6	976 82	5 3 5 2	8 × × 83	113 76	6 ×× ××	96 01 6	000 81	4 4 6 2 0	5 6 × 77	- 3	+ 1	47 9	- 0 4	77 6	108
	Comilla	000 82	8 18 05	98 08 1	958 90	7 4 7 0 1	- 91	000 76	× 09 05	98 03 1	996 83	5 4 7 0 2	- - 79	+ 4	+ 2	58 0	+ 19 8	64 6	118
	Brahmanbaria	010 81	8 00 00	96 03 6	972 82	8 4 4 -	2 × × 90	010 77	4 09 05	97 03 1	998 86	2 5 5 0 8	0 4 × 80	—	—	30.3	+ 1.3	40.1	94
	Dacca							××· 78	7 11 09	97 03 6	9×4 88	6 8 5 3 0	1 × × 79		—			—	78
	Narayanganj	000 79	8 18 03	95 03 2	358 87	8 4 5 -	9 × × 90	005 78	8 09 05	95 03 6	966 75	8 5 5 - -	6 × × ××	+ 2	—	17 3	+ 9 5	56.2	74
	Mymensingh	000 81	8 09 02	99 02 2	965 86	8 7 6 - -	- - 89	000 79	8 02 05	99 02 2	952 83	8 8 6 - -	- - 79	+ 1	+ 1	27 2	9 1	35.8	81
	Srimangal	007 79	8 00 00	97 03 6	973 81	8 5 6 -	7 × × 95	018 78	5 09 02	97 02 6	006 81	2 2 7 3 1	9 2 4 77	- 6	+ 1	37 0	+ 1 7	66.1	88
	Khulna	000 85	5 20 02	97 00 1	953 85	6 4 6 0 0	- 88	026 78	4 08 05	96 01 1	973 85	4 8 7 0 0	- - - 79	+ 1	+ 1	27 8	1 6	36 3	68
	Satkhira	052 77	8 05 02	97 03 6	952 86	7 4 4 0 0	6 0 × 90	058 79	4 13 10	97 03 6	964 85	3 4 7 6 0	9 0 × 79	+ 2	+ 1	10 9	10 9	25 4	65
	Jessore	045 78	7 13 08	96 03 6	949 85	7 1 6	7 × × 92	045 78	7 13 05	96 02 2	969 86	7 8 6 0 0	- - - 79	—		18 9	9.8	24 1	66
	Faridpur	002 79	8 07 09	96 01 6	952 85	4 4 6 1 0	5 × × 85	003 79	7 04 09	97 02 6	978 82	6 5 × 1 0	3 × × 80	- 2	+ 1	20 2	2 0	32 6	71
	Barisal	000 79	8 16 05	97 01 1	957 85	4 4 5 2 8	- - - 87	006 80	8 11 03	97 63 6	978 84	4 6 5 0 6	3 × × 79	0	+ 1	23 1	6.4	37.7	81
	Pabna																		60
	Rampur Boalia																		58
	Sirajganj	036 81	8 00 00	98 50 5	956 85	3 7 6 -	1 0 0 89	060 78	8 09 05	98 01 2	979 84	6 3 7 - -	9 0 0 80	+ 2	+ 1	26.3	+ 0 1	36 3	64
	Bogra	000 80	4 09 02	96 21 9	945 87	4 4 6 0 0	- - 00	004 73	7 09 05	96 03 6	993 83	7 8 5 - -	- - - ××	+ 2	—	25 9	2 5	32.7	69
	Dinajpur	013 79	6 05 02	97 01 6	966 87	0 0 9 0 9	8 2 0 90	018 78	5 09 02	96 02 2	000 84	0 0 9 4 8	9 2 2 78	+ 1	- 1	26 7	5 2	30.9	72
	Rangpur	012 ××	8 09 02	96 52 6	— —	8 5 8 - -	- - —	048 ××	5 09 05	97 02 6	— —	6 5 8 0 0	8 0 0 —	—	—	48 7	+ 12 5	58 3	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 88	2 00 00	96 01 0	925 00	0 0 9 3 0	0 0 6 01	000 83	2 00 00	96 01 5	947 90	0 0 9 2 0	4 0 0 86	+ 2	+ 5	1.7	3 0	6 0	12
	Lahore							000 79	1 00 00	96 08 0	956 91	0 0 9 4 0	4 × 9 83		+ 4	8.6	+ 0.5	12 5	19
	Sialkot	000 73	1 31 02	98 02 1	030 96	1 1 6 0 0	- - - 97	000 81	3 00 00	97 02 1	954 91	3 0 9 4 0	- - - 85	+ 1	+ 6	5.0	7 6	5.9	32
	Jhelum	000 81	1 00 00	96 08 1	030 95	1 1 8 0 0	- - - 97	000 80	1 00 00	97 01 0	952 91	0 0 9 3 0	- - - 82	—	—	11.0		20.3	—
	Rawalpindi	000 73	2 00 00	98 01 1	036 93	0 0 9 2 0	- - - 96	000 77	0 00 00	99 00 0	962 89	0 0 9 0 0	- - - 80	+ 1	+ 4	8 1	4.0	18.9	36
	Murree †	000 68	6 27 02	97 02 4	899 71	6 9 3 0 0	5 × × 72	000 64	6 29 05	95 28 1	912 67	6 5 2 0 0	9 × × 63	+ 1	+ 6	18.5	5 7	35.9	58
	Attock	××× ××	0 09 00	98 00 0	— —	0 0 9 0 0	- - - -	××× ××	0 16 05	98 00 0	— —	0 0 9 0 0	- - - —			..	—		—
	Khushab	000 76	0 11 05	98 00 0	922 01	0 0 9 0 0	- - - 20	000 78	0 07 05	97 00 0	951 92	0 0 9 0 0	- - - 86	+ 1	+ 4	1.7	4 3	7 4	11
	Montgomery	000 74	1 36 01	96 01 1	022 00	0 0 9 3 0	9 × 0 02	000 76	3 00 00	97 01 1	949 93	0 0 9 0 1	1 0 0 86	0	+ 4	1.6	2 5	5.3	10
	Leiah	000 89	2 23 02	97 01 0	923 07	0 0 9 0 3	- - 08	000 82	1 18 02	97 01 1	939 96	0 0 9 0 2	- - - 91	—	—	0.8		6 5	8
	Multan	000 72	0 16 02	97 00 0	927 05	0 0 9 0 0	- - - 07	000 75	0 08 05	98 00 0	950 91	0 0 9 0 0	- - - 89	+ 7	+ 5	1.6	1 4	4 6	7
	Khanpur	000 74	0 27 07	95 05 0	927 05	0 0 9 0 0	- - - 05	000 76	0 20 16	95 05 0	957 89	0 0 9 0 7	- - - 86	+ 2	+ 4	0.2	2 9	1.9	6
	Bahawalpur	000 74	0 23 02	97 00 0	927 04	0 0 9 0 0	- 00	000 76	0 23 07	97 00 0	954 92	0 0 9 0 0	- - - 88	1	+ 6	0	3 1	3 1	6
	Fort Abbas	000 79	8 23 02	96 03 0	935 0[illegible]	0 0 9 5 0	0 × × 02												6
N. W. F. P.	Drosh *	000 68	1 23 16	97 01 1	824 96	1 1 7 0 0	3 × × 98	000 64	3 00 00	96 01 1	878 82	2 5 7 3 0	9 × 0 80	+ 2	+ 7	1.0	—	21 2	18
	Chakdara	000 75	0 21 02	99 00 0	912 97	0 0 9 0 0	- 99							—					—
	Cherat *	000 70	1 18 05	97 01 1	875 90	1 1 9 0 0	3 × × ××	000 75	0 13 02	97 00 1	897 77	0 0 9 0 0	2 × × 73	—	—	2.6	3 2	24.7	29
	Peshawar	000 83	2 02 03	95 05 1	915 00	1 3 7 0 1	- 02	000 76	0 35 05	96 00 0	952 88	0 0 9 0 0	- - 85	+ 2	+ 6	0 4	1.8	7 7	14
	Parachinar	090 57	2 13 02	99 01 1	952 86	0 0 9 3 0	5 × 7 87	000 56	0 36 02	99 00 1	909 77	0 0 9 0 0	6 × × 70	+ 2	+ 5	5.2	—	23 0	29
	Miranshah	000 96	× 11 03	97 02 4	885 95	5 2 8 4 5	- - - 98	000 72	0 00 00	98 00 4	889 85	0 0 9 0 0	- - 82	—	—	0 3	2 7	7.9	13
	Bannu	000 73	0 16 02	97 05 4	909 00	0 0 9 0 0	- - - 01	000 73	0 00 00	97 05 4	946 91	0 0 9 5 0	- - - 85	—	—	3.1	—	8.0	11
	D. I. Khan	000 77	0 13 02	95 00 0	935 03	0 0 × 0 0	- - - 03	000 79	0 00 00	97 02 0	939 91	0 0 9 0 0	- - - 79	+ 2	- 2	1 1	2 2	2.8	9
	Wana																		11
	Landikotal	000 70	1 06 03	96 02 1	848 94	1 0 6 0 0	- - - 98	000 75	1 05 02	97 02 1	387 85	1 1 6 0 0	- - - 79	—	—	0.5	—	10.1	—
	Hangu	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	—	—	—		—	—
	Thall	××× ××	4 27 12	97 08 1	— —	2 8 7 3 0	- - - —	××× ××	0 09 09	92 00 0	— —	0 0 9 0 0	- - - —	—	—		—	—	—
BALUCHISTAN	Fort Sandeman	000 55	6 13 09	97 03 2	852 95	4 5 7 4 0	3 × × 97	000 63	0 00 00	97 05 0	867 80	0 0 9 0 0	0 × × 75	+ 2	+ 1	0.8	- 2.4	6.7	11
	Hindubagh	000 23	5 29 10	97 03 1	866 99	5 5 6 0 0	- 99	000 54	0 29 02	98 00 0	395 79	0 0 9 0 0	- - - 65	—		0	—	8.3	—
	Loralai	000 78	8 13 09	96 01 6	841 90	3 7 6 0 0	- - - 93	000 69	0 00 00	96 00 1	874 79	0 0 9 0 0	- - - 75	—	—	0.4		6.8	—
	Harnai (a)	000 ××	7 25 05	95 02 1	336 20	2 4 4 × 8	- - - —	000 ××	0 00 00	95 00 0	— —	0 0 9 0 0	- - - —	—		0.9	- 3.7	9.5	14
	Sibi	000 54	0 23 05	98 00 0	930 03	0 0 9 0 0	- - - 03	000 81	3 00 00	98 02 1	945 92	0 0 9 0 -	- - - 90	—	—	1.2	—	2.7	6
	Quetta †	000 52	4 20 05	96 01 1	890 93	0 0 9 8 0	- - - 96	000 69	0 00 00	98 10 0	927 75	0 0 9 0 -	- - - 66	—	—	0	0 8	5.5	9
	Chaman	000 52	0 31 02	97 00 0	837 02	0 0 9 0 0	- - - 04	000 54	0 18 02	97 00 0	877 87	0 0 9 0 0	- - - 70	+ 4	+ 4	0	0 1	5.6	8
	Nushki	000 71	0 29 17	98 00 0	885 09	0 0 9 0 0	- - - 11	000 65	0 07 10	97 00 1	921 92	0 0 9 0 0	- - - 86	—	—	0	—	4 4	—
	Dalbandin *	000 56	0 28 05	96 00 0	844 19	0 0 9 0 0	- - - 12	000 69	2 18 02	96 03 1	873 89	0 0 9 4 0	- - - 80	+ 4	+ 7	0	0 2	1.8	4
	Nokkundi	000 67	0 34 05	99 00 1	857 13	0 0 9 0 0	9 × × 16	000 72	0 05 02	98 05 0	925 91	0 0 9 0 0	- - - 87	—	—	0	—	0.9	3
	Kalat †	000 66	0 18 09	98 00 0	898 86	0 0 9 0 0	- - - 92	000 58	0 14 02	98 00 0	916 74	0 0 9 0 0	- - [illegible] 81	+ 2	+ 2	0.1	0.8	9.0	7
	Torbat	000 76	0 28 03	97 00 1	949 03	0 0 9 0 0	- - - 06	000 76	8 00 00	96 03 2	960 86	0 0 9 2 0	9 - × 82	—		0		1.4	—
	Panjgur *	000 46	8 13 10	97 03 0	867 05	0 0 9 2 0	9 × 8 07	000 63	8 08 03	97 03 1	888 82	0 0 9 2 0	0 × 8 76	+ 5	+ 1	0	—	3.2	5
	Las Bela																		3
	Ormara	000 79	1 16 09	96 03 0	957 87	1 1 5 0 0	- - - 88	000 77	7 25 05	95 05 1	982 81	2 5 6 7 0	- - - 79	—		0	- 0.7	2.7	6
	Pasni	000 76	5 11 06	97 01 1	966 86	5 0 9 4 0	6 × 5 87	000 74	6 27 03	96 02 1	990 81	6 4 5 0 0	9 × × 76	- 2	- 1	0 5	- 0.3	4.7	5
	Jiwani																		4
SIND	Roti	000 77	0 12 07	96 00 0	938 05	0 0 9 0 0	- - - 07	000 84	0 19 05	96 00 2	970 89	0 0 9 0 0	- - - 86	—		0	—	0.6	—
	Jacobabad	000 67	0 13 05	97 00 0	920 05	0 0 9 0 0	- - - 05	000 75	6 16 05	96 03 1	958 87	0 0 9 7 6	- - - 84	0	+ 1	0.2	- 1.8	0.7	4
	Sukkur	000 76	0 06 00	98 00 0	928 05	0 0 9 0 0	- - - 03	000 77	6 11 03	96 08 1	955 84	0 0 9 4 0	- - - 81	—	—	0	—	0.5	4
	Padidan	000 80	0 11 05	98 00 1	929 06	0 0 9 0 0	- - - 07	000 79	2 16 05	98 31 0	954 85	0 0 9 3 0	- - - 82	—	—	0	—	0.1	
	Karachi (Manora)	000 78	6 25 05	95 05 2	965 85	6 6 4 0 0	- - - 86	000 78	7 25 09	94 10 2	989 81	2 6 4 2 0	- - - 79	+ 1	0	0.5	- 2 8	0 5	5
	Karachi (A. P.)	000 77	3 25 17	97 01 1	970 87	2 1 5 4 0	- - - 90	000 76	7 27 10	96 03 1	988 82	7 6 5 0 0	- - - 80	—	—	1.6		1.7	
	Badin							000 77	7 23 07	97 20 2	986 81	7 4 7 0 0	- - - 80		0	6.2	- 2.1	6.2	8
	Nagarparkar																		
	Chhor (Umerkot)	000 79	3 29 10	97 01 0	951 96	0 0 9 0 3	- - - 98	000 79	7 20 12	96 05 0	957 88	0 0 9 2 4	- - - 80	—	—	1.2	—	1.2	—
	Hyderabad	000 72	0 23 09	97 00 0	950 95	0 0 9 0 0	- - - 00	000 75	7 23 09	96 08 0	971 84	0 0 9 7 6	- - - 81	+ 2	+ 2	0.4	- 5.5	0.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 67	2 00 00	96 02 1	978 00	6 0 0 6 0	2 × 9 82	000 80	0 25 98	98 00 0	943 70	0 0 9 6 0	- - - 59	—	—	0	—	9.8	13
	Jalalabad	000 80	0 11 05	98 00 1	920 06	0 0 9 0 0	- - - 07							—					—
	Kandahar							000 62	0 00 00	97 00 0	833 77	0 0 9 0 0	- - - 65	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY THE 6TH AUGUST 1951

Division	Station	At 1200 Hrs. G.M.T. of previous day. RRR T_dT_d	N dd	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_dT_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 $T_X T_X$	Departure from Normal $T_n T_n$	Rainfall Since 1st June 51 to date	Rainfall Departure from normal	Rainfall 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	-	-	-	...	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	Mashez	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire		...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Masca:	000 84	2 18 05	97 80 0	943 68	8 0 9 5 0	- - - 98	000 84	1 09 02	95 00 0	966 87	0 0 8 2 0	- - - 88	+ 3	—	0	0.1	8.8	4
	Sharjah													..	..	..	..	..	4
	Kuwait	000 ××	0 31 16	96 07 0	941 00	8 0 9 0 0	- - - 05	000 ××	0 27 05	97 00 0	927 89	0 0 9 0 0	- - - 35	—	—	0	—	1.8	8

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 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 (10,048,-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 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	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bengkalis	13 073	724 06	8 29 18	98 02 2	112 29	22 6 07	6 4 806	—	0 03 24	1 28 43
Barcelona	13 189	637 06	6 24 25	00 05 1	027 82	42 4 8×	6 3 315	—	0 02 76	1 24 ×7
Dwarka	13 251	575 06	5 09 09	98 08 0	971 89	51 4 00	5 1 049	—	0 51 84	—
Bharatratna	13 119	749 06	8 25 09	97 02 2	132 84	—	—	—	—	—
Dara	13 248	624 06	8 18 04	97 08 2	096 62	67 8 ××	6 5 806	—	0 57 79	1 22 ××
Lawthro	13 132	740 06	4 27 27	98 08 0	079 28	31 4 56	—	8 5 811	0 02 29	1 27 57
Mahadevi	13 136	746 12	3 27 10	97 01 8	095 82	34 0 40	—	8 8 88-	0 00 80	—
Mahadevi	13 116	752 12	3 27 10	97 02 0	087 85	84 5 40	8 4 800	8 8 821	0 00 77	—
Bengkalis	13 073	725 12	8 29 10	98 15 2	092 28	38 2 8×	8 4 609	—	0 01 24	1 80 33
City of Barcelona	13 189	639 12	7 24 25	98 05 1	073 81	72 4 2×	6 3 812	—	0 02 76	1 24 ×7
Lawak	13 148	727 12	3 27 26	98 81 1	054 81	53 5 00	7 5 400	—	0 00 76	1 24 47
Jalagarad	13 141	748 12	6 27 11	98 08 6	064 81	53 6 86	4 4 800	—	0 02 76	1 27 84
Jalaoallabha	13 122	747 12	6 25 09	—	—	20 0 10	—	—	0 24 85	—
Warla	13 100	755 12	8 29 18	98 08 2	087 81	87 4 27	7 4 800	8 5 888	0 01 77	1 28 23
Bharatratna	13 109	750 12	7 27 04	97 05 2	087 76	—	—	—	—	—
Jalaganga	13 132	486 18	0 80 11	98 01 0	082 82	00 0 00	4 4 802	—	0 ×× 76	1 27 82
Mahadevi	13 109	755 18	9 24 09	97 00 0	105 82	90 × 00	8 4 120	—	0 01 80	1 24 36
Jallavallahs	13 110	755 18	0 27 13	99 01 0	044 82	—	—	—	—	—
City of Barcelona	13 189	622 18	4 24 23	00 05 1	020 79	22 4 2×	6 3 800	—	0 00 76	1 24 ×7
Lawak	13 153	732 18	5 27 20	98 01 8	057 27	53 5 00	7 5 002	—	0 00 24	1 28 46
BAY OF BENGAL										
Tarakan	13 026	848 00	8 26 19	98 01 0	000 26	21 7 11	6 5 804	—	0 00 27	1 24 45
Tarakan	13 029	821 18	3 25 15	98 08 8	105 82	22 5 00	8 0 815	—	0 00 81	1 25 44

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoXiXi	PiPihihthi	TiTiTdiTdiTxi etc.	5555	hthiPiPiPi	TiTiTdiTdiTxi etc.
1	2	3	4	5	6	7	8	9	10
Karachi ...	789 14	995 29	252 60	854 65	251 43	703 20	179 59	509 20	529 94

STATION	TEMP	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	789 14	301 86	629 94	555 55	309 00	261 62	648 00	241 22	446 09	033 30	035 69	099 90	315 19	549 91	974 91	520 92	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. †† 1	2	3	4	5	6	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	11 08	11 14	11 13	—	—	—	—	—	—	—	—	10 15	13 14	—	—	—	—	11 25	11 21	—	—	—	—	—	—
Chhor	21 13	21 15	21 15	19 10	12 07	—	—	—	—	—	—	—	—	—	—	—	—	23 17	23 21	21 17	12 06	—	—	—	—
Chittagong	15 18	17 22	20 24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18 06	—	—	—	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	14 15	15 15	14 16	14 12	13 13	—	—	—	—	—	—	15 16	16 17	14 15	16 15	—	—	15 20	15 21	20 07	24 12	26 07	28 06	24 10	14 08
Dalbandin	—	—	25 18	26 11	27 19	22 08	26 15	16 12	—	—	—	—	—	06 09	25 05	26 03	25 04	—	—	29 07	—	22 04	26 08	24 10	26 07
Drosr	—	—	—	—	23 07	20 07	15 04	23 07	26 13	—	—	—	—	—	22 10	22 09	20 00	—	—	—	—	—	26 08	14 02	26 16
Fort Sandeman	—	—	—	21 02	06 02	17 08	23 10	09 10	—	—	—	—	—	—	23 01	24 05	—	—	—	—	21 04	11 03	27 06	23 10	03 16
Jacobabad	15 04	17 06	17 06	11 04	12 07	05 04	25 19	02 08	07 08	—	—	18 18	20 10	22 08	24 05	25 03	—	17 10	15 09	13 04	10 02	20 09	24 13	22 12	—
Jhelum	20 02	19 02	23 01	25 03	25 09	13 02	26 02	23 05	27 01	22 01	—	01 05	13 03	17 05	26 03	23 07	23 04	08 04	19 08	20 03	20 06	01 11	25 10	23 08	—
Kiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	25 19	25 10	25 16	—	—	—	—	—	—	—	—	23 17	22 12	20 07	25 06	01 09	25 16	25 19	25 25	26 13	—	—	—	—	—
Khanpur	23 06	23 08	23 12	11 05	11 10	13 11	02 13	16 05	16 05	15 06	—	21 14	22 14	22 13	24 05	24 06	—	21 17	23 25	25 16	25 09	23 07	26 05	—	—
Lahore	15 04	11 03	10 03	10 04	03 05	05 04	—	—	—	—	—	14 07	20 06	19 03	23 05	23 25	—	—	—	—	—	—	—	—	—
Multan	24 08	24 05	24 03	13 02	11 02	03 03	16 15	16 11	—	—	—	15 20	22 22	22 26	20 21	—	—	21 19	23 15	19 10	16 06	19 05	26 12	21 17	26 08
Peshawar	—	06 03	09 05	08 03	—	—	—	—	—	—	—	—	23 07	13 16	19 10	23 13	24 07	—	25 10	23 14	26 05	27 05	22 01	21 15	—
Quetta	—	—	—	—	30 04	24 09	24 10	26 17	—	—	26 58	—	—	—	—	23 17	23 13	—	—	—	—	23 06	29 23	29 19	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v_r)

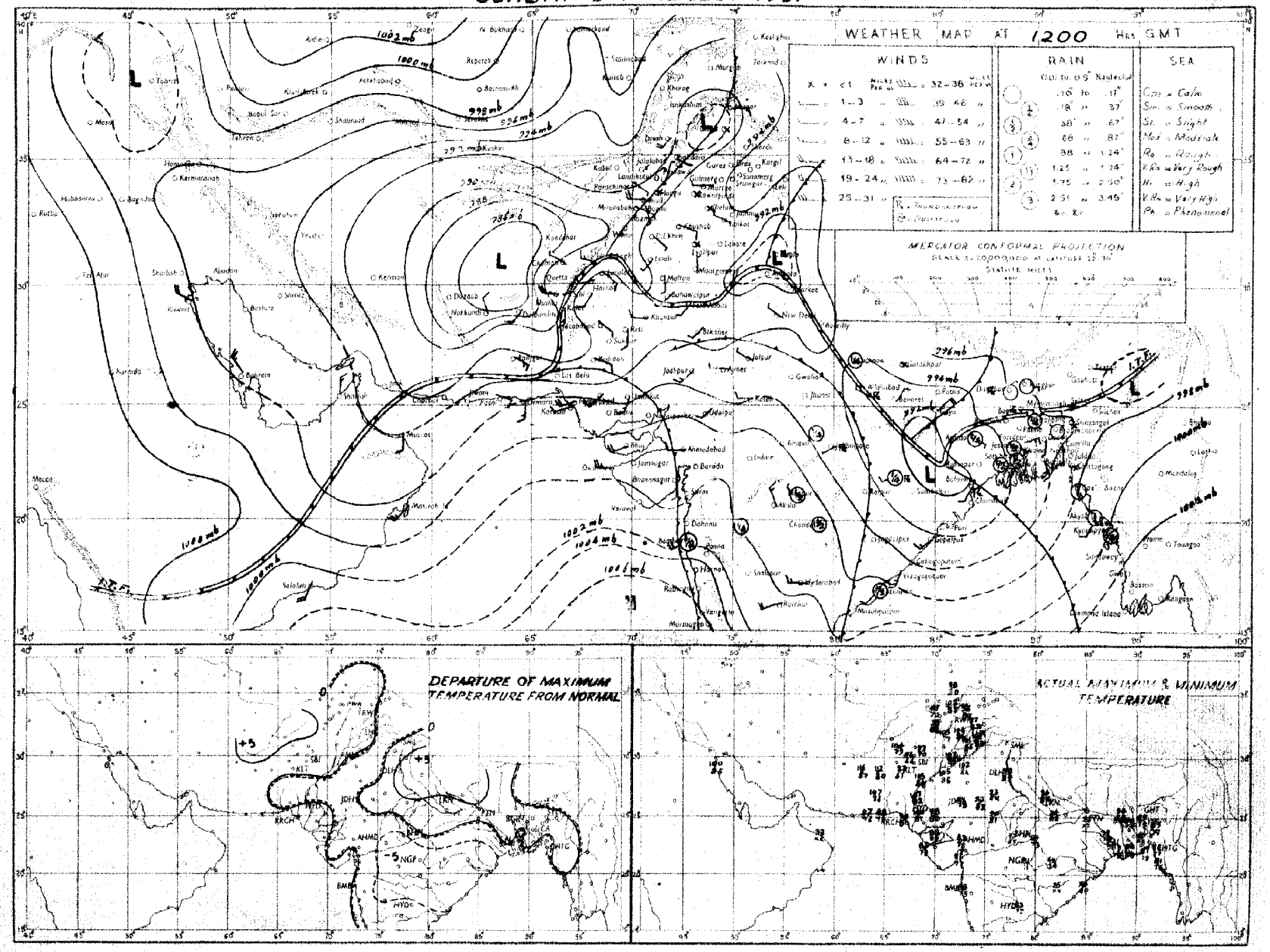
Multan	97503	49109	
Drosh	81587	69107	
Chhor	76809	49068	

* 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 inds relate are 0.5, 0.6, 0.8, 1.5, 2.1, 3.0 & 4.6 G. † s, and 8.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N P. W.

PAKISTAN DAILY WEATHER MAP

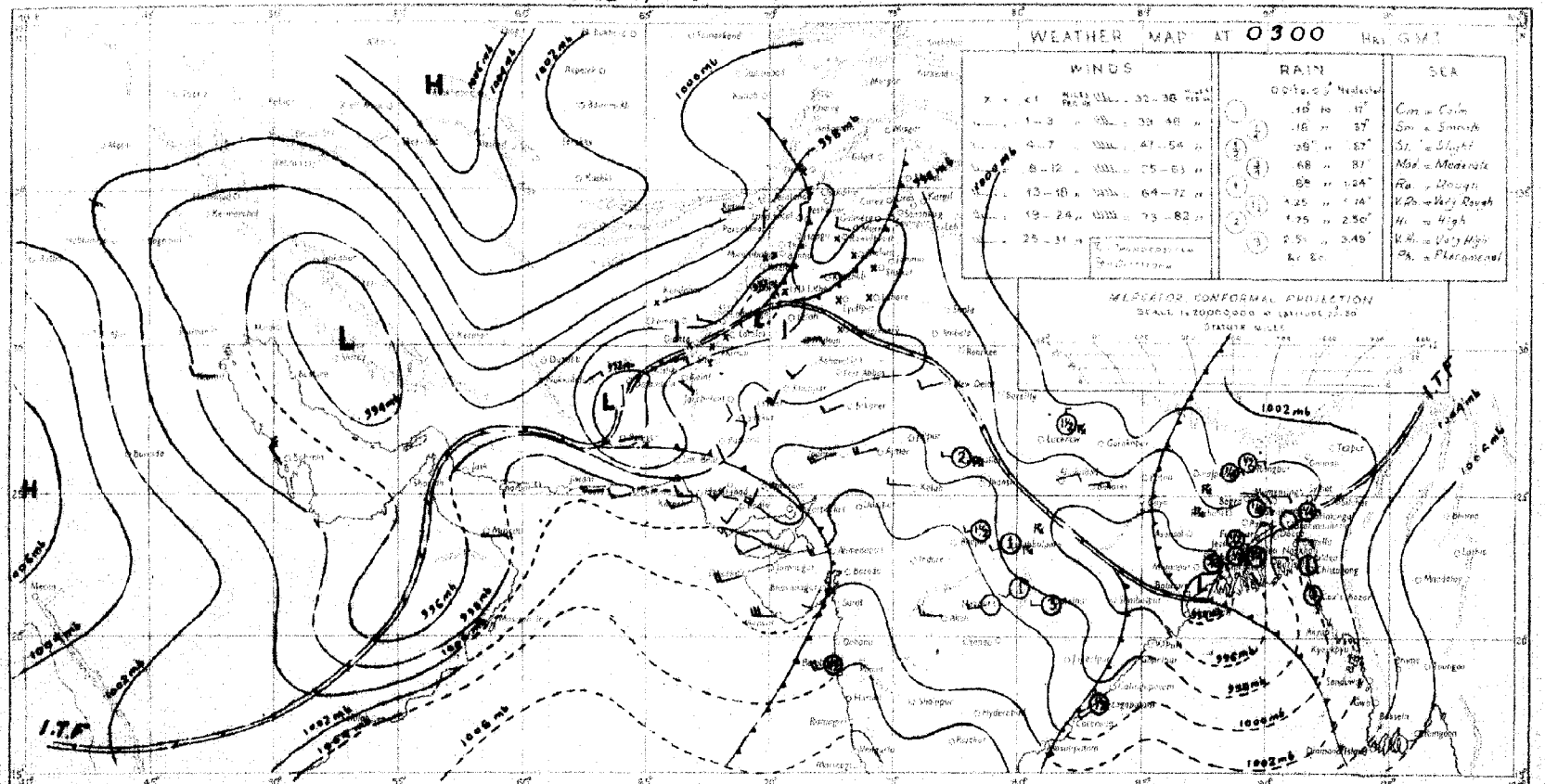
SUNDAY 5th: AUGUST 1951

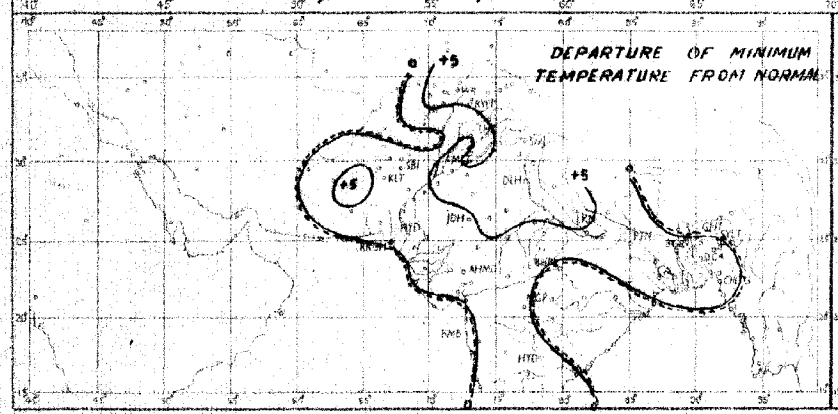


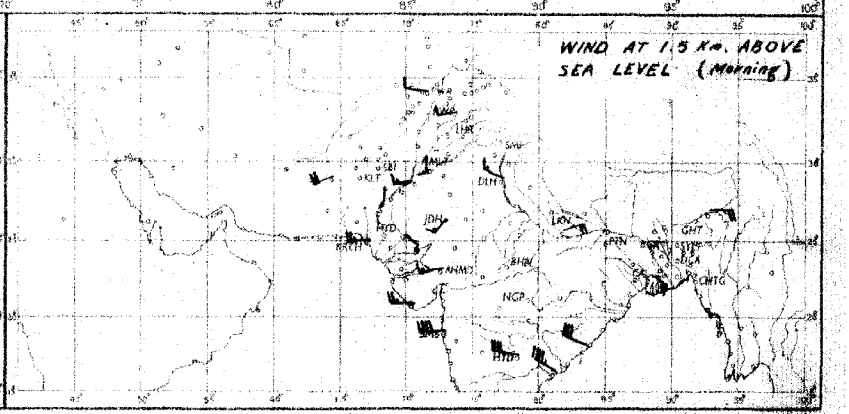
Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 6th AUGUST 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-1467

FOR TUESDAY, THE 7TH AUGUST, 1951

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

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

The well marked trough of low in the northwest angle of head Bay of Bengal moved inland and extends this morning from west Central India to Orissa coast.

Seasonal low extends from the Punjab to Baluchistan.

Fairly widespread rain/thundershowers have occurred in East Pakistan.

Chief amounts of rainfall are :—Cox's bazar 3", Jessore and Barisal ½" each, and Brahmanbaria, Srimangal, Khulna and Faridpur ¼", each.

Day temperatures were markedly above normal in the North-West Frontier Province.

Forecast valid until the evening of 8th :—Fairly widespread rain will occur in East Pakistan and local thunderstorms/showers in the north Punjab and Kashmir. Scattered dust/thunderstorms will occur in the plains of Punjab, the North-West Frontier Province, and north Baluchistan. A few dust/thunderstorms are also likely to occur in upper Sind. Cloudy weather will prevail along Sind-Mekran Coast.

Karachi-11.
The 7th August, 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	080 78	8 18 03	94 62 6	986 79	2 5 3 2 0	9 × 0 83	264 77	7 18 05	94 03 6	027 79	1 6 6 2 0	9 × 0 76	- 3	0	56.3	- 16 8	64.9	144
	Chittagong	015 78	4 ×× ××	94 21 6	976 89	2 5 5 1 0	6 × × 86	016 76	3 ×× ××	97 01 6	016 88	1 8 7 2 1	4 4 4 78	+ 1	+ 2	48.1	- 0.9	77.8	105
	Comilla	000 81	7 19 13	98 03 1	961 87	7 4 7 0 0	- - - 87	000 77	5 18 09	95 01 1	017 84	4 4 7 0 1	- - - 80	0	+ 3	58.0	+18.7	64 6	118
	Brahmanbaria	026 81	8 09 00	96 03 6	972 82	8 4 4 0 0	2 × × 89	026 76	3 18 05	97 01 1	019 90	0 0 9 0 5	0 4 × 80	—	—	50.5	+ 1.2	40.4	84
	Dacca	××× 78	7 13 05	96 02 2	959 85	1 1 5 2 0	9 × 6 89	××× 77	5 13 09	92 01 2	010 86	8 5 5 4 1	9 × × 79	—	—		—		78
	Narayanganj	000 77	8 18 03	95 03 2	961 86	0 0 7 2 -	- - - 89	000 75	7 13 03	95 03 2	998 87	7 5 5 6 6	9 × × 81	+ 2	+ 2	37.3	+ 9 1	56.2	74
	Mymensingh	000 79	3 00 00	99 02 2	975 85	8 4 7 - -	- - 88	000 78	0 03 02	99 00 2	009 84	0 0 9 0 0	- - 80	0	+ 2	27 2	- 9.6	85.2	91
	Srimangal	022 79	7 13 02	94 60 9	974 80	5 5 6 0 2	5 5 × 91	022 79	5 00 00	97 02 6	020 84	2 1 6 3 1	8 6 8 77	+ 1	+ 1	37.3	- 1.4	66.4	98
	Khulna	000 77	4 09 02	96 00 0	953 86	4 4 7 0 0	- - 88	024 78	6 13 03	96 03 1	985 85	6 8 6 0 0	- - - 80	+ 1	+ 2	28.0	- 1.8	86.5	88
	Satkhira	009 78	6 ×× ××	97 03 6	952 86	4 4 6 6 0	6 0 × 89	014 80	7 ×× ××	96 60 6	986 88	6 9 0 6 0	2 0 × 79	+ 1	+ 1	17.0	-11.1	25 6	65
	Jessore	041 78	6 13 09	97 02 6	945 85	6 6 6 0 0	5 × × 90	057 81	7 13 09	96 02 6	998 85	7 8 6 0 0	3 × × 79	—	—	17.5	- 9.6	24.6	65
	Faridpur	018 80	7 05 09	96 02 6	956 82	6 6 6 1 0	6 × × 83	018 77	7 05 09	97 02 5	008 83	8 4 6 1 0	2 × × 79	- 4	0	26 4	- 2.2	32 8	71
	Barisal	025 79	8 13 05	96 60 6	956 83	5 7 5 2 8	7 × × 87	046 79	8 11 07	97 53 6	999 82	3 4 6 7 6	7 × × 79	0	+ 1	28.5	- 8.4	38.2	81
	Pabna																		88
	Rampur Boalia																		80
	Sirajganj	000 77	6 09 03	99 01 2	957 86	4 2 3 1 -	- - - 89	000 77	8 09 08	99 01 1	992 85	2 1 6 6 6	- - - 81	+ 2	+ 2	26.3	- 0.3	36 8	64
	Bogra	000 78	5 09 03	98 02 6	961 84	2 1 6 0 2	- - - 90	000 77	4 13 03	98 01 1	006 87	0 0 9 0 6	- - - 81	+ 2	+ 2	24.9	- 2 9	32.7	60
	Dinajpur	000 77	6 09 02	97 02 2	975 38	0 0 9 2 0	9 0 0 92	016 57	4 09 05	97 01 1	020 87	0 0 0 0 6	9 0 0 81	+ 4	+ 2	26 9	- 5 6	31.1	72
	Rangpur	000 ××	2 09 02	98 52 1	— —	2 1 8 0 0	- - - —	000 ××	3 09 02	98 02 1	— —	3 1 8 0 0	- - - —	—	—	48.7	+ 12.1	56.2	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 82	2 20 02	96 01 0	911 05	0 0 9 4 0	0 0 4 05	000 81	2 18 02	95 01 0	961 89	0 0 9 0 3	- - - 83	—	+ 7	1.7	- 3.1	6 6	12
	Lahore	000 77	3 18 02	96 02 1	937 99	0 0 9 0 1	9 9 × 01	000 77	8 13 07	95 02 2	962 83	5 3 7 2 -	6 × 9 85	+ 3	+ 4	8.6	+ 0.4	12.5	19
	Sialkot	000 73	3 31 03	97 02 1	921 01	3 2 6 0 0	- - - 01	000 77	8 09 08	97 03 2	994 81	5 5 6 4 0	6 × 9 80	+ 6	+ 1	5.0	- 8.0	5.9	22
	Jhelum	000 84	1 23 02	97 01 1	932 99	1 1 7 0 0	9 × × 99	000 80	8 11 09	97 03 2	990 84	5 7 5 2 -	- - - 83	—	—	11.0	—	20.3	—
	Rawalpindi	000 76	0 00 00	98 00 0	903 98	0 0 9 0 0	- 99	000 78	3 13 02	98 01 1	992 88	3 3 7 0 0	- - - 84	+ 4	+ 8	8.1	- 4.3	18.0	30
	Murree †	000 68	7 27 02	95 03 1	800 73	7 3 3 0 0	9 × × 78	000 66	8 00 00	95 03 4	233 65	8 5 2 - -	2 × × 66	+ 5	+ 8	13.5	- 6.3	35 9	60
	Attock	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 27 05	96 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—		—
	Khushab	000 73	0 16 05	97 00 0	969 07	0 0 9 0 0	- - - 08	000 81	0 11 05	97 00 0	969 91	0 0 9 0 0	- - - 89	+ 6	+ 7	1.7	- 4.5	7.4	15
	Montgomery	000 74	1 00 00	97 01 1	914 06	1 1 7 0 0	3 × × 06	000 76	4 00 00	97 01 1	974 92	0 0 9 0 7	4 0 0 87	+ 5	+ 5	1.6	- 2.7	5.8	10
	Leiah	000 63	0 18 03	97 00 0	915 08	0 0 9 0 0	- - - 11	000 73	0 20 05	97 00 0	950 94	0 0 9 0 0	- - - 91	—	—	0.8	—	6 5	8
	Multan	000 72	0 28 02	97 00 0	929 05	0 0 9 0 0	- - - 07	000 77	0 28 05	96 00 0	960 90	0 0 9 0 0	- - - 87	+ 8	+ 3	1.6	- 1 5	4 6	7
	Khanpur	000 84	0 23 07	94 00 0	923 06	0 0 9 0 0	- - - ××	000 74	0 21 07	95 05 0	957 88	0 0 9 0 0	- - - 85	—	+ 2	0.2	- 8 2	1.9	4
	Bahawalpur	000 75	0 23 02	97 00 0	919 07	0 0 9 0 0	- - - 08	000 78	0 23 08	97 00 0	963 91	0 0 9 0 0	- - - 81	+ 7	—	0	- 3.2	3 1	6
	Fort Abbas	000 82	0 31 02	96 03 0	915 08	0 0 9 3 0	0 × × 09	000 70	6 23 03	96 00 0	978 94	0 0 9 0 0	0 × × 80	—	—	0.3	—	1.2	6
N. W. F. P.	Drosh *	000 61	1 25 10	96 01 1	812 99	1 1 3 0 0	6 × × 02	000 67	2 00 00	97 01 1	886 87	2 6 8 0 0	3 × × 82	+ 6	+ 9	1.0	—	21.2	19
	Chakdara	000 75	0 36 02	99 00 0	900 97	0 0 9 0 0	- - 01	000 76	0 36 02	98 00 1	951 87	0 0 9 0 0	- - - 80	—	—	5.2	—	28.0	—
	Cherat *	000 70	2 19 07	97 01 1	870 94	2 1 9 0 0	6 × × ××	000 76	0 13 02	97 00 0	905 79	0 0 9 0 0	- - - 76	—	—	2.6	- 3.8	24.7	28
	Peshawar	000 70	1 05 07	95 05 1	897 04	1 1 7 0 0	- - - 03							+ 6					14
	Parachinar	000 52	2 13 02	99 01 1	906 89	0 0 9 3 0	5 × 7 90	000 61	0 00 00	99 00 1	923 73	0 0 9 0 0	0 × × 72	+ 5	+ 7	5.2	—	28.0	39
	Miranshah	000 72	2 07 05	98 ×× ×	841 91	2 2 8 6 6	- - - 02	000 71	0 00 00	98 00 0	888 90	0 0 9 0 0	- - - 84	—	—	0.3	- 2 8	7.9	18
	Bannu	000 69	0 00 00	98 05 ×	895 08	0 0 9 0 0	- - - 06	000 77	0 00 00	97 05 4	949 93	0 0 9 0 0	- - - 87	—	—	3.1	—	6.0	12
	D. I. Khan	000 74	0 20 02	96 00 0	904 03	0 0 9 0 0	- - - 02	000 76	0 07 02	96 00 0	942 93	0 0 9 0 0	- - - 81	+ 2	- 1	1.1	- 2.8	2.8	9
	Wana																		11
	Landikotal							000 ××	0 05 02	98 00 1	884 87	0 0 9 0 0	- - - 82	—	—	0.6	—	10.1	—
	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 27 13	98 01 1	— —	2 8 7 0 0	- - - —	××× ××	0 09 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 47	2 05 03	97 01 1	867 01	0 0 9 4 0	3 × × 02	000 63	0 00 00	97 05 0	884 87	0 0 9 0 0	0 × × 80	+ 7	+ 6	0.8	- 2.5	6.7	11
	Hindubagh	000 41	4 27 09	98 02 1	867 96	4 2 6 0 0	7 × × 00	000 46	0 29 05	98 00 0	903 96	0 0 9 0 0	- - - 65	—	—	0	—	8.3	—
	Loralai	000 78	1 03 05	97 00 0	872 93	0 0 9 0 0	- - 95	000 64	0 01 03	97 00 0	885 85	0 0 9 0 0	- - - 69	—	—	0.4	—	6.8	—
	Harnai (a)	000 ××	5 ×× ××	95 02 0	— —	0 0 8 2 6	2 6 6 —	000 ××	0 00 00	95 00 0	— —	0 0 9 0 0	- - - —	—	—	0.9	- 3.7	9.5	14
	Sibi	000 16	0 13 05	96 00 0	920 05	0 0 9 0 0	- - - 10	000 73	0 13 05	97 00 0	940 92	0 0 9 0 0	- - - 91	—	—	1.2	—	2.7	5
	Quetta †	000 42	0 02 05	98 00 1	890 97	0 0 9 0 0	- - - 95	000 64	0 18 03	98 10 0	907 76	0 0 9 0 0	- - - 60	—	—	0	- 0.2	8.5	9
	Chaman	000 52	0 27 02	97 00 0	822 02	0 0 9 0 0	- - - 04	000 50	0 28 02	97 00 0	884 89	0 0 9 0 0	- - - 81	+ 4	+ 6	0	0 1	9.6	9
	Nushki	000 46	0 00 00	97 00 0	884 03	0 0 9 0 0	- - - 10	000 54	0 09 10	97 00 0	937 93	0 0 9 0 0	- - - 80	—	—	0	—	5.4	—
	Dalbandin *	000 50	1 23 05	95 05 0	846 11	0 0 9 3 0	- - - 11	000 32	0 00 00	95 05 0	866 82	0 0 9 0 0	- - - 71	+ 3	- 2	0	- 0 2	1.8	4
	Nokkundi	000 65	1 29 05	99 01 1	861 13	0 0 9 0 1	9 0 × 18	000 69	0 00 00	99 00 0	937 93	0 0 9 0 0	- - - 87	—	—	0	—	0.9	2
	Kalat †	000 65	0 27 05	93 00 0	801 02	0 0 9 0 0	- - - 94	000 48	0 18 05	98 00 0	924 70	0 0 9 0 0	- - - 63	+ 4	+ 4	0.1	- 0.8	9.0	7
	Turbat	000 75	0 33 03	97 00 1	942 05	0 0 9 0 0	- - - 07	000 76	4 00 00	96 01 1	985 85	4 0 8 2 0	9 × 8 83	—	—	0	—	1.4	—
	Panjgur *	000 66	3 23 07	97 03 1	862 01	0 0 9 2 0	9 × 8 04	000 69	0 31 02	97 00 1	887 84	0 0 9 0 0	- - - 76	+ 2	+ 1	0	—	3.2	4
	Las Bela																		3
	Ormara	000 81	1 23 09	96 03 0	957 85	1 5 6 0 0	- - - 87	000 77	8 26 05	94 41 1	980 81	5 5 6 0 0	- - - 80	—	—	0	- 0.7	2.7	4
	Pasni	000 75	3 23 07	96 01 1	964 80	0 0 9 4 0	- - - 69	000 75	7 23 08	96 02 1	985 81	7 5 6 0 0	9 × × 76	0	+ 1	0.5	- 0.3	4.7	6
	Jiwani																		4
SIND	Reti	000 98	0 18 08	98 00 0	937 08	0 0 9 0 0	- - - 09	000 88	0 18 05	96 00 0	962 86	0 0 9 0 6	- - - 83	—	—	0	—	0.6	—
	Jacobabad	000 72	0 13 07	96 00 0	919 08	0 0 9 0 0	- - - 08	000 74	0 13 09	96 00 0	967 87	0 0 9 0 6	- - - 89	+ 4	+ 2	0.2	- 1.4	0.7	4
	Sukkur	000 77	1 09 09	96 01 1	917 09	0 0 9 0 3	- - - 09	000 77	0 20 08	96 00 1	965 84	0 0 9 0 0	- - - 83	—	—	0	—	0.5	4
	Pad Idan	000 84	6 13 02	94 03 1	919 09	0 0 9 7 0	- - - 10	000 86	1 13 08	95 01 1	961 80	0 0 9 3 0	- - - 83	—	—	0	—	0.1	—
	Karachi (Manora)	000 77	7 25 09	97 03 2	988 85	0 0 9 7 0	- - - 87	000 77	8 25 05	94 60 2	988 80	8 6 4 2 0	- - - 79	+ 2	0	0.5	- 3 8	0 5	8
	Karachi (A. P.)	000 75	7 25 17	96 03 1	987 86	1 6 4 1 0	- - - 91	000 79	7 25 09	96 61 2	985 80	7 6 4 0 0	- - - 79	—	—	1.6	—	1.7	—
	Badin	000 76	6 25 07	97 03 2	948 93	0 0 9 0 3	- - - 96	000 77	6 21 07	97 02 2	986 84	0 0 9 6 0	- - - 80	+ 4	0	6.2	+ 2 0	6.2	9
	Nagarparkar																		
	Chhor (Umarkot)	000 82	2 23 14	97 00 0	947 96	0 0 9 0 2	- - - 94	000 79	1 23 10	97 00 0	974 86	0 0 9 0 1	- - - 80	—	—	1.2	—	1.2	—
	Hyderabad	000 72	4 23 09	96 03 1	942 95	0 0 9 0 1	- - - 04	000 75	7 23 07	96 03 1	970 89	7 2 4 0 0	- - - 82	+ 3	+ 3	0.4	- 3.6	0.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 43	1 03 03	95 00 0	961 94	0 0 9 0 1	- - - 97	000 35	0 29 08	98 00 0	954 68	0 0 0 0 0	- - - 59	—	—	0	—	9.9	12
	Jalalabad							000 71	0 00 00	95 00 1	953 84	0 0 0 0 0	9 × × 84	—	—	0.5	—	6.9	—
	Kandahar	000 71	0 00 00	95 00 0	814 99	0 0 9 0 0	- - - 94	000 69	0 00 00	97 00 0	887 72	0 0 9 0 0	- - - 62	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY THE 7TH AUGUST, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VV ww W	PPPTT	N_h C_L hC_MC_H	$W_1D_MD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP.TT	$N_hC_LhO_MO_H$	$W_1D_MD_MT_nT_n$	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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Iran	Charbar	--	--	--	--	-	-	--	-	-	-	-	-	--	--	--	--	--
	Jask	--	--	--	---	-	-	--	-	-	-	-	-	--	--	--	--	--
	Mashed	--	--	--	--	-	-	--	-	-	-	-	-	--	--	--	--	--
	Bushire	--	---	--	--	-	-	--	-	-	-	-	-	--	--	--	--	--
Arabia	Muscat	000 84	0 13 02	96 00 0	952 89	0 0 0 5 0	- - - 90	000 84	1 00 00	96 00 0	978 88	0 0 0 2 0	- - - xx	—1	--	0	- 9.1	3.3
	Sharjah	000 xx	0 20 09	97 00 0	952 00	0 0 0 0 0	- - - 00	000 xx	0 26 10	97 00 0	952 xx	0 0 0 0 0	- - - 86	--	--	0	--	1.5
	Kuwait																	

* 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 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 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 $L_nL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_MC_H	D_s v_s app	8 N_s Ch_sh_s	O T_s T_b T_d T_d	$1d_wd_wP_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Warla	23 120	789 06	8 27 15	93 02 1	089 83	22 8 01	7 4 800	8 8 815	0 03 77	1 27 33
Mahadevi	23 099	784 06	7 09 02	97 02 2	110 82	72 8 00	8 4 100	8 7 821	0 01 80	--
Jalaganga	23 118	744 06	4 29 05	98 03 0	071 80	4×6 00	4 4 801	--	0 ×× 75	1 27 21
Lawak	23 180	726 06	7 27 27	97 02 2	056 84	58 6 80	--	8 5 995	0 02 77	1 27 47
Bengkalis	23 065	699 06	8 27 16	98 02 2	103 79	83 4 2×	6 4 800	--	0 03 74	1 28 32
City of Barcelona	23 187	611 06	2 23 25	96 05 1	024 81	21 4 00	8 2 800	---	0 03 77	1 23 x7
Durana	23 169	651 06	7 25 20	97 02 2	066 80	75 4 ××	2 4 815	---	0 02 75	--
Cilicia	22 170	644 06	8 20 24	97 02 2	081 78	×0 8 10	1 5 098	---	0 00 75	--
Jalaprakash	23 219	691 12	8 24 05	98 02 2	092 83	00 9 x7	3 3 801	---	0 01 77	1 23 21
Durenda	23 172	662 12	7 25 80	97 50 2	044 81	78 × ××	2 4 800	---	0 01 74	--
Jeangir	23 178	661 12	7 26 18	97 02 2	035 88	72 5 00	8 4 810	---	0 02 76	1 26 24
Warla	23 184	725 12	8 27 18	98 02 1	057 86	82 4 00	7 4 839	8 8 867	0 03 77	1 27 33
Clan Gambel	23 087	707 12	6 27 19	98 02 2	078 82	88 5 02	6 5 809	--	0 01 76	1 27 34
Bengkalis	23 086	690 06	6 27 20	98 02 2	323 xx	44 6 03	--	---	0 01 74	1 28 33
Jalaganga	23 103	760 12	6 27 07	98 03 0	074 81	43 6 45	2 4 ×××	---	0 01 74	1 27 33
Jalaprakash	23 212	697 17	6 24 05	97 02 2	007 88	88 × 00	3 3 801	---	0 01 77	1 23 37
Dwarka	23 239	698 18	0 20 11	98 00 0	969 81	00 9 00	3 5 108	--	0 51 78	--
BAY OF BENGAL										
Mohammedi	23 190	843 06	7 23 09	97 12 1	065 84	71 4 86	--	--	--	--

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoXrX2	PrPsPrhrhshr	TrTrTdrTdrTxr etc:	5555	hrhrPrPrPr	TrTrTdrTdrTxr etc:
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	994 29	255 50	854 86	850 91	700 43	180 24	509 56	519 91	302 38	749 94	201 66	959 91	555 55	509 11	221 91	339 00	241 60	668 09	250 86	476 09	695 94	534 90	509 90	8 9

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 (Hdddff)*

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	7	10	15	20	25	30	1	2	3	4	7	10	1	2	3	4	7	10	15
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	09 21	12 06	21 23	--	--	--	--	--	--	--	10 28	11 27	11 31	12 30	--	--	11 21	11 28	12 60	13 48	--	--	--
Chhor	21 19	21 19	21 23	--	--	--	--	--	--	--	--	--	--	--	--	--	21 15	22 25	22 18	19 17	20 24	19 55	--
Chittagong	14 28	15 20	16 26	--	--	--	--	--	--	--	15 27	14 87	14 89	--	--	--	14 21	14 48	--	--	--	--	--
Cox's Bazar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14 20	15 24	15 22	16 21	--	--	--
Dacca	18 14	14 28	14 17	14 09	--	--	--	--	--	--	11 15	--	--	--	--	--	13 20	13 27	13 28	13 36	--	--	--
Daibandin	--	--	23 03	25 03	21 12	20 12	27 15	23 16	22 26	--	--	--	13 05	05 04	01 06	22 05	--	--	27 04	26 09	26 04	26 04	20 13
Drasr	--	--	--	--	21 04	19 09	12 05	20 09	22 26	--	--	--	--	21 02	22 05	19 09	--	--	--	--	21 06	15 06	25 15
Port Bandeman	--	--	--	28 02	07 01	30 05	30 10	11 07	24 02	30 06	--	--	--	09 05	22 06	26 06	--	--	--	07 06	08 03	31 05	26 15
Jacobabac	19 05	19 07	18 08	21 05	27 03	01 12	04 15	18 02	--	--	08 12	15 06	19 03	32 06	29 04	31 02	16 02	20 06	16 03	14 01	20 07	06 13	06 15
Jhelum	20 01	19 04	19 04	30 06	33 10	31 12	32 07	26 10	11 06	20 04	--	--	--	--	--	--	21 11	15 23	17 18	21 13	21 03	22 13	--
Jiwani	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Karachi	25 21	27 17	25 16	29 13	33 11	34 14	01 21	07 31	07 09	08 16	26 14	27 17	--	--	--	--	27 15	--	--	--	--	--	--
Khanpur	24 11	23 13	22 15	19 06	20 03	01 09	05 13	09 05	--	--	21 15	--	21 19	21 16	25 08	05 12	09 19	--	12 15	21 15	22 09	11 07	13 08
Lahore	14 08	09 04	17 03	33 04	30 07	01 10	32 09	32 08	06 07	07 17	--	--	--	--	--	--	19 31	13 21	13 16	31 03	33 05	--	--
Mintar	20 16	19 13	19 11	18 10	19 37	03 08	24 05	--	--	--	--	--	--	--	--	--	22 17	23 20	16 13	15 10	10 06	05 13	03 23
Pesnawar	--	04 07	07 07	17 09	30 09	28 11	29 15	33 13	33 08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Quetta	--	--	--	--	31 06	34 05	19 04	15 02	17 10	16 10	--	--	--	--	28 13	37 28	--	--	--	--	13 03	34 11	36 17
Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Shaiiat	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Cloud Observation Data (iiiGG Cddv, v,)

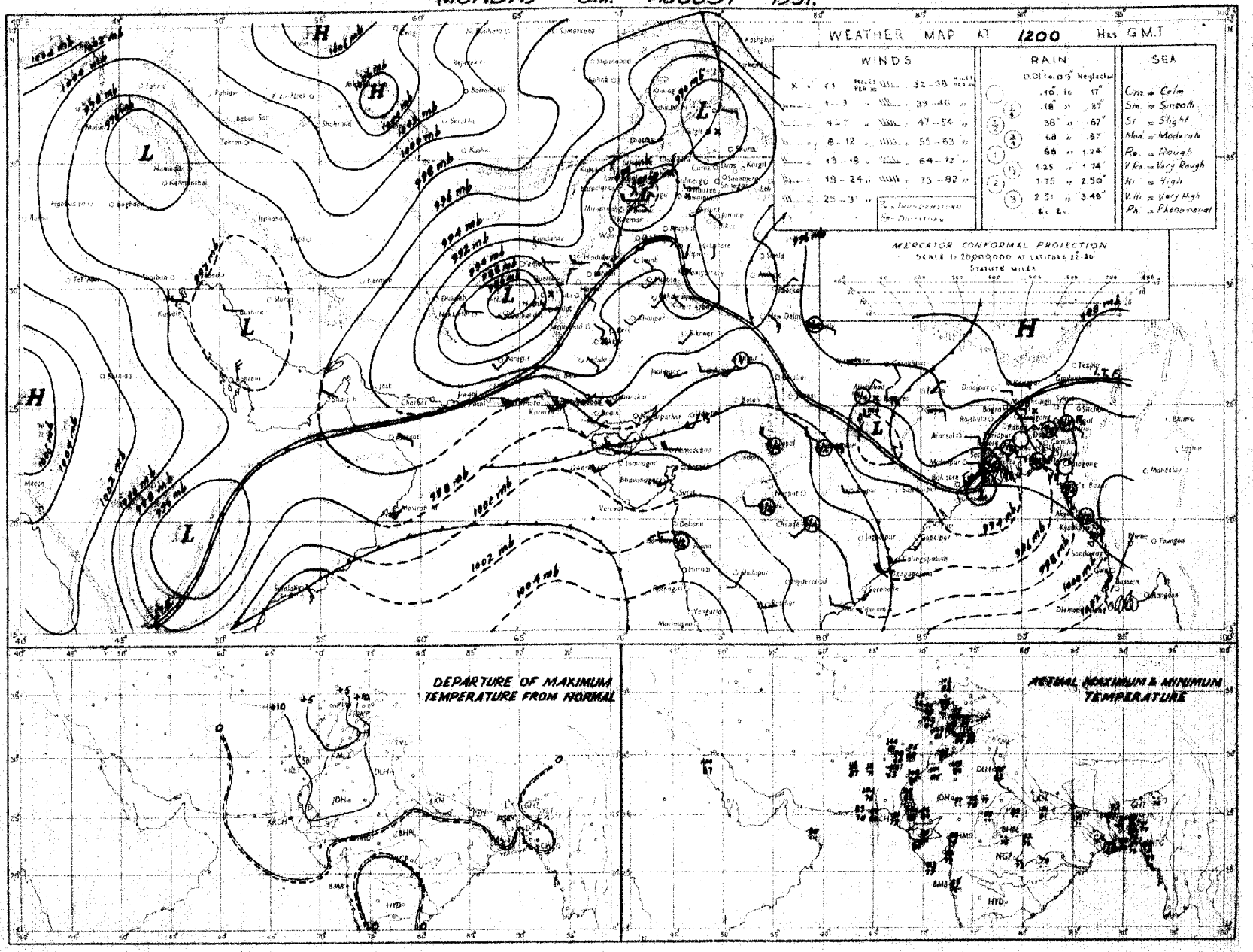
Chhor 76808 40508

* 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, 0.8, 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

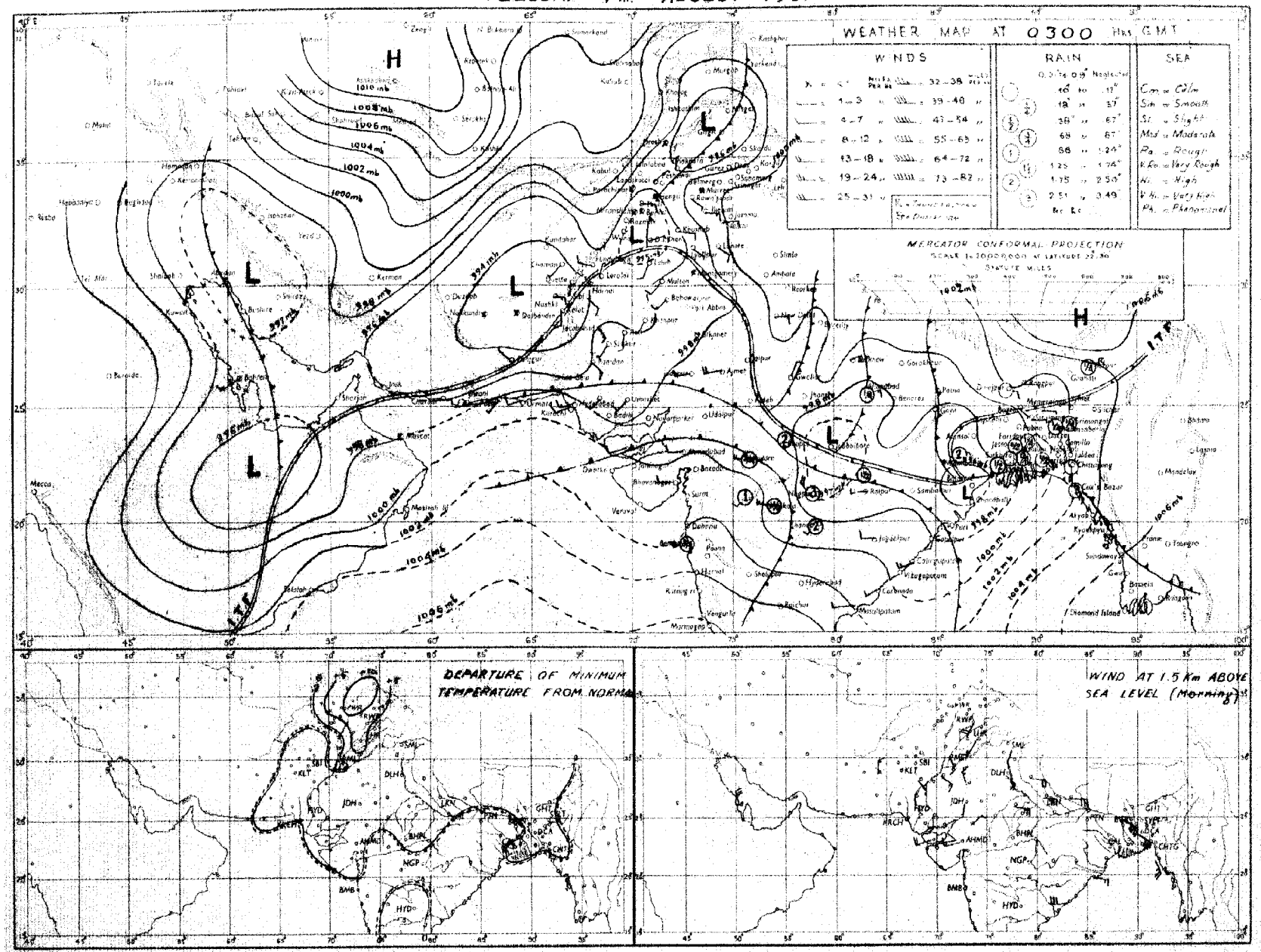
MONDAY 6th. AUGUST 1951.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 7th AUGUST 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-1467

FOR WEDNESDAY. THE 8TH AUGUST, 1951

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

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

An extensive low extends from Gujrat to Central Province and is causing incursion of monsoon into West Pakistan.

An active surge in the southerly air stream runs from the head Bay of Bengal to the Andaman Seas.

Local rain has occurred in East Pakistan and local thunderstorms/showers in the north Punjab. Scattered dust/thunderstorms have occurred in the North-West Frontier Province and north Baluchistan.

Chief amounts of rainfall are :—Srimangal 1", Satkhira, Jessore, Jhelum, and Rawalpindi ½" each, Khulna, Murree and Loralai ¼" each.

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

Forecast valid until the evening of 9th :—Fairly widespread rain will occur in East Pakistan. Fairly widespread rain/thundershowers will occur in West Pakistan outside west Baluchistan. A few dust/thunderstorms are also likely to occur in the plains of Punjab, upper Sind and north Baluchistan.

Karachi-11.
The 8th August, 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$_s$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$_L$hC$_M$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	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 76	5 18 02	96 02 5	070 85	2 8 6 2 0	9 × 0 77		+ 1	56.3	- 17.2	64.9	140
	Chittagong	015 77	7 18 09	96 60 6	010 81	6 8 6 7 0	8 × 9 87	015 75	4 16 09	97 20 5	071 81	4 1 6 0 0	3 × × 78	+ 2	+ 2	48.2	- 1.4	77.8	105
	Comilla	000 77	8 18 13	98 08 1	007 84	7 4 7 0 0	- - - 84	000 74	3 13 09	98 01 1	067 86	2 2 7 0 1	- - - 78	- 8	+ 1	53.0	+ 18.7	64.6	118
	Brahmanbaria	000 78	8 19 02	96 03 1	011 85	8 4 4 0 0	- - - 92	000 77	2 16 09	97 01 1	067 87	2 0 9 0 8	0 × × 80	—	—	50.5	+ 0.6	40.4	94
	Dacca	000 77	7 16 08	96 02 2	996 84	1 1 5 2 0	9 × × 90	××× 78	7 13 02	97 02 2	057 85	7 8 5 0 0	3 × × 79	—				—	78
	Narayanganj	900 78	8 13 05	95 02 2	996 85	8 0 7 2 0	9 × 0 91	000 77	7 13 08	96 08 2	057 87	7 5 5	9 × × 80	+ 4	+ 1	37.8	+ 8.6	56.2	74
	Mymensingh	000 79	0 09 02	99 02 2	996 85	0 0 9 0 0	- - - 91	000 78	5 09 02	99 02 2	075 86	5 4 7 0 0	- - 81	+ 3	+ 3	27.2	0.1	85.8	91
	Srimangal	085 81	8 26 08	96 08 9	010 80	5 5 7 2 -	4 × 6 94	093 77	4 00 00	97 02 6	073 83	3 2 6 0 1	9 5 × 78	+ 4	+ 2	33.2	+ 1.0	67.3	98
	Khulna	020 87	6 18 02	96 02 6	972 84	6 4 6 0 0	- - - 87	027 78	2 09 02	96 50 1	055 80	8 4 6 0 0	- - - 79	0	+ 1	28.2	2.0	36.8	68
	Satkhira	060 78	6 00 00	97 08 6	999 80	6 4 4 6 0	4 0 × 88	060 79	8 00 00	96 08 1	049 82	6 9 6 0 0	2 0 × 79	0	+ 1	17.6	1.0	26.2	65
	Jessore	016 80	7 09 02	96 02 6	001 83	7 8 6 0 0	2 0 0 90	056 80	7 12 06	96 02 8	050 68	7 8 6 0 0	9 × × 79	—	—	18.1	0.4	25.2	65
	Faridpur	007 79	8 06 13	96 02 6	998 83	6 4 6 1 0	8 × × 82	007 79	7 07 05	96 60 1	057 82	7 4 6 0 0	9 × × 80	- 4	+ 1	26.5	- 2.5	32.9	71
	Barisal	002 77	6 12 05	97 62 6	997 83	8 4 5 2 -	6 × × 86	008 70	7 11 02	97 50 5	055 83	8 4 5 4 6	2 × × 79	+ 1	+ 1	28.6	6.8	38.2	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 79	6 09 05	98 02 2	986 87	6 2 8 - -	- - - —	000 78	8 09 03	99 02 2	058 85	7 2 7 - -	- - - 80	—	+ 1	26.3	0.6	36.3	64
	Bogra	000 76	5 00 00	96 02 1	994 88	3 4 6 0 8	- - - 91	000 79	5 09 03	96 01 1	055 85	2 1 6 0 2	- - - 81	+ 3	+ 2	26.9	- 3.2	32.7	69
	Dinajpur	000 81	6 09 05	97 02 2	996 39	0 0 9 2 0	9 0 0 92	000 77	3 09 02	97 01 2	057 86	0 0 9 0 9	5 0 0 79	+ 4	0	26.9	- 6.0	31.1	72
	Rangpur	000 ××	2 09 02	98 02 1	— —	2 1 8 0 0	- - - —	000 ××	3 09 05	98 02 1	— —	3 0 9 1 0	- - - —	—	—	48.7	+ 11.7	58.3	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 77	3 00 00	98 01 0	963 97	0 0 9 0 8	- - - 98	000 80	5 13 02	96 02 0	029 87	5 2 8 0 0	- - - 84	—	+ 3	1.7	- 3.2	8.9	19
	Lahore	000 79	7 13 07	96 01 2	976 85	2 8 7 7 0	9 × 9 87	000 78	7 13 05	96 02 1	032 87	5 5 7 4 0	9 × 0 87	- 11	+ 8	8.6	+ 0.2	12.5	19
	Sialkot	000 74	7 31 05	97 02 1	970 86	3 6 6 6 2	- - - 87	000 76	8 00 00	98 03 2	051 87	4 5 6 4 -	9 × 0 81	- 8	+ 2	5.0	8.3	5.9	32
	Jhelum	030 81	8 13 02	98 02 2	969 89	0 0 9 7 ×	9 × 9 90	043 76	8 15 02	95 95 9	059 77	5 3 5 2 -	5 × 9 77		—	11.4	—	20.7	—
	Rawalpindi	000 77	5 18 02	98 01 1	967 89	3 2 7 1 0	- - - 92	050 76	8 00 00	98 29 9	046 77	8 3 5 0 0	6 × × 75	- 2	- 1	8.6	- 4.1	19.4	36
	Murree †	000 68	8 29 07	98 03 1	928 74	3 3 5 1 0	- - - 75	029 61	8 13 10	96 03 9	062 62	8 9 4 - -	- - - 61	+ 3	+ 4	13.6	- 6.6	36.3	60
	Attock	××× ××	2 13 09	98 00 0	—	2 × 7 0 0	- - - —	××× ××	6 09 05	96 25 2	—	8 0 6 2 0	5 1 9 —	—		—	—		—
	Khushab	000 77	4 09 05	98 02 1	961 95	0 0 9 0 4	- - - 97	000 77	8 07 05	95 03 1	036 88	6 2 6 × ×	- - - 92	- 2	0	1.7	4.6	7.4	16
	Montgomery	000 76	8 16 08	98 01 1	950 97	0 0 9 0 7	9 0 × 00	000 89	6 13 02	96 01 1	022 89	0 0 9 7 0	8 × 0 86	- 2	+ 4	1.6	- 2.9	5.3	18
	Leiah	000 92	0 22 02	97 00 0	936 09	0 0 9 0 0	- - - 12	000 88	0 11 03	97 00 0	974 93	9 0 9 0 0	- - - 91	—		0.5	—	6.5	8
	Multan	000 76	2 27 02	97 02 0	951 07	0 0 9 8 0	1 9 9 10	000 77	8 23 05	96 01 2	010 91	0 0 9 7 0	2 9 9 82	+ 11	- 2	1.6	- 1.6	4.6	7
	Khanpur	000 77	2 28 07	95 05 1	936 09	0 0 9 4 0	4 × 9 09	000 78	6 11 07	95 05 1	996 92	4 4 7 4 0	8 × 9 87	+ 6	+ 5	0.2	8.1	1.9	6
	Bahawalpur	000 78	5 03 02	97 03 1	938 07	0 0 9 7 0	3 × 2 09	000 79	0 09 05	97 00 2	005 90	9 0 9 0 0	5 0 0 87	+ 6	+ 5	0	3.2	8.1	6
	Fort Abbas	000 78	0 28 03	96 03 5	948 01	0 0 9 5 0	0 × × 09	000 76	0 05 09	96 00 0	969 92	0 0 9 0 0	0 × × 86			0.2	—	1.2	8
N. W. F. P.	Drosh *	000 64	6 25 14	95 05 1	840 99	2 2 8 0 2	8 6 × 02	000 72	7 00 00	98 17 9	918 85	7 9 7 0 0	1 × × 83	+ 6	+ 10	1.0	—	31.2	10
	Chakdara	000 76	0 31 02	99 00 0	983 97	0 0 9 0 0	- - - 99	000 78	8 23 02	98 02 2	040 79	8 5 6 0 0	3 × × 78	—	—	5.2	—	23.0	—
	Cherat *	000 74	8 18 12	97 01 1	900 86	0 0 9 0 0	6 0 × ××	000 70	9 18 10	90 07 5	965 70	9 - 0 - -	1 × × 69	—	—	2.6	- 8.6	24.7	20
	Peshawar																		14
	Parachinar	000 56	6 22 02	96 02 2	946 91	2 2 7 6 0	5 × 7 92	000 69	6 00 00	96 02 2	958 73	4 3 4 6 0	6 × 0 72	+ 7	+ 7	5.2	—	28.0	20
	Miranshah	000 72	7 11 06	97 28 2	893 01	7 2 5 3 1	- - - 04	000 75	0 00 00	96 28 4	932 83	9 0 9 0 0	- - - 81	—	—	0.3	- 3.9	7.9	13
	Bannu	000 75	9 09 08	94 09 4	919 03	9 0 0 0 0	- - - 08	000 74	0 00 00	97 05 4	020 88	0 0 0 0 0	- - - 85	—	—	3.1	—	8.0	11
	D. I. Khan	000 78	0 11 02	95 08 0	985 09	0 0 9 0 8	0 0 0 10	000 80	0 07 04	95 06 0	008 89	9 0 9 0 0	- - - 81	+ 9	- 1	1.1	2.4	2.3	8
	Wana																		11
	Landikotal	000 73	6 05 02	97 02 9	873 95	6 6 6 0 0	- - - 98	000 72	8 05 07	95 02 2	948 76	8 9 5 9 0	- - - 76	—	—	0.4	—	10.1	—
	Hangu	××× ××	4 00 00	97 03 1	— —	0 0 9 2 0	3 × 6 —	××× ××	8 00 00	97 08 1	— —	0 0 9 3 0	9 × 0 —	—	—	—	—	—	—
	Thull	××× ××	4 23 13	98 03 1	— —	2 3 7 8 0	- - - —	××× ××	× 36 09	97 03 1	— —	× - × - -	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 57	8 09 02	97 02 4	895 90	4 7 6 2 0	3 × × 01	000 65	6 00 00	97 05 0	088 88	0 0 9 0 0	0 × × 76	+ 6	+ 4	0.8	- 2.5	6.7	15
	Hindubagh	000 58	6 09 09	97 08 1	895 98	6 5 6 0 0	7 × × 01	000 62	2 23 05	98 03 1	896 81	0 0 9 0 1	3 6 × 72	—	—	0	—	8.2	—
	Loralai	000 66	3 05 05	95 02 2	××× ××	8 7 8 7 4	- - - 96	021 68	0 09 02	96 00 9	925 81	0 0 9 0 0	- - - 69	—	—	0.4		6.8	—
	Harnai (a)	000 ××	6 09 06	96 02 0	— —	0 0 7 0 5	5 6 0 —	015 ××	6 28 02	95 02 6	— —	6 0 7 2 5	- - - —	—		1.0	- 8.6	9.6	14
	Bibi	000 63	3 13 03	98 02 0	929 09	0 0 9 0 1	- - - 10	000 80	0 00 00	92 00 0	956 80	0 0 9 0 8	- - - 72	—	—	1.3	—	2.7	5
	Quetta †	000 43	3 34 03	98 01 1	900 00	0 0 9 3 0	- - - 01	000 67	3 16 02	98 10 0	938 78	0 0 9 0 7	- - - 72	—	—	0	- 0.4	5.5	9
	Chaman	000 56	0 31 08	97 00 0	864 05	0 0 9 0 0	- - - 05	000 64	0 29 08	97 00 0	913 89	0 0 0 0 0	- - - 80	+ 5	+ 5	0	- 0.1	9.6	8
	Nushki	000 51	0 27 07	98 00 0	001 10	0 0 9 0 0	- - - 11	000 64	8 07 17	97 01 1	958 94	0 0 9 0 1	3 9 0 69	—	—	0	—	5.4	—
	Dalbandin *	000 53	0 07 02	95 05 0	861 10	0 0 9 0 0	- - - 12	000 55	8 00 00	94 05 3	899 80	0 0 9 0 7	- - - 80	+ 4	+ 7	0	- 0.2	1.8	4
	Nokkundi	000 54	1 34 13	98 08 1	889 09	0 0 9 0 1	0 0 × 12	000 69	6 07 05	99 03 0	904 91	0 0 9 0 5	0 0 × 87	—	—	0	—	0.9	3
	Kalat †	000 71	0 22 05	98 00 0	905 94	0 0 9 0 0	- - - 97	000 63	0 00 00	98 00 0	953 72	0 0 9 0 0	- - - 66	+ 7	+ 7	0.1	- 0.9	9.0	7
	Turbat	000 77	0 27 02	97 00 1	950 10	0 0 9 0 0	- - - 02	000 78	4 23 02	96 02 1	014 88	4 0 8 2 0	9 9 × 35	—	—	0	—	1.4	4
	Panjgur *	000 47	0 23 07	97 00 0	870 06	0 0 9 0 0	- - - 07	000 49	7 31 02	97 03 1	907 86	0 0 9 0 7	- - - 78	—	+ 3	0	—	3.3	3
	Las Bela																		3
	Ormara	000 78	1 11 02	94 65 0	951 89	1 5 6 0 0	- - - 90	000 78	6 09 09	94 46 1	995 79	4 5 6 4 0	- - - 79	—	-	0	- 0.7	3.7	6
	Pasni	000 75	× ×× ××	98 00 0	052 88	0 0 9 0 0	- - - 90	000 77	6 09 02	96 02 1	096 80	6 5 5 0 0	6 × × 77	+ 1	0	0.5	- 0.3	4.7	4
	Jiwani																		4
SIND	Roti	000 00	0 18 03	96 00 0	983 09	0 0 9 0 0	- - - 09	000 88	7 09 07	96 01 2	995 04	7 0 9 9 9	- - - 85	—	—	0	—	0.8	—
	Jacobabad	000 79	2 13 07	97 03 0	986 07	0 0 9 0 8	- - - 07	000 79	8 00 00	96 08 1	994 92	0 0 9 4 9	- - - 87	+ 3	+ 4	0.2	1.4	0.7	4
	Sukkur	000 77	0 00 00	98 00 0	982 06	0 0 9 0 0	- - - 08	000 77	7 00 00	96 02 1	990 90	0 0 9 3 9	- - - 82	—	—	0	—	0.5	4
	Pad Idan	000 88	3 16 02	98 01 1	984 06	0 0 9 0 1	- - - 07	000 82	6 12 05	96 01 1	992 90	6 5 7 0 0	- - - 84	—	—	0	—	0.1	—
	Karachi (*Manora*)	000 77	7 25 09	97 02 2	960 86	0 0 9 1 0	- - - 87	000 78	4 00 00	94 50 2	995 85	4 9 4 3 0	- - - 80	+ 3	+ 1	0.5	- 3.9	0.6	2
	Karachi (*A. P.*)	000 79	6 26 12	96 03 5	958 87	0 0 9 0 1	- - - 90	000 78	6 25 03	96 58 5	008 82	0 0 9 7 0	- - - 80	—	—	1.5	—	1.7	—
	Badin	000 78	6 23 07	97 03 2	958 98	0 0 9 0 3	- - - 94	000 77	6 23 05	97 03 1	994 84	0 0 9 0 3	- - - 81	+ 2	+ 1	6.3	+ 1.9	6.3	9
	Nagarparkar																		
	Chhor (Umerkot)	000 88	2 25 10	97 00 0	946 97	0 0 9 0 9	- - - 90	000 79	6 31 08	97 00 0	990 85	0 0 9 4 4	- - - 82	—	—	1.2	—	1.2	—
	Hyderabad	000 75	4 22 09	96 03 1	954 94	0 0 9 0 1	- - - 01	000 76	8 34 02	95 03 1	995 85	8 0 9 0 5	- - - 82	+ 5	+ 4	0.4	- 3.7	0.6	7
JUNAGADH	Veraval																		38
AFGHANISTAN	Kabul	000 59	1 02 08	98 06 0	968 97	1 8 8 0 1	- - - 99	000 39	0 25 02	96 00 0	986 69	0 0 9 0 0	- - - 61	—	—	0	—	8.8	13
	Jalalabad	000 68	3 00 00	97 01 0	879 06	0 0 9 7 0	3 × 9 08	000 77	0 00 00	96 01 1	989 87	9 0 9 8 0	3 × 9 84	—	—	0.5	—	8.9	—
	Kandahar							000 45	0 00 09	97 00 9	848 74	0 0 9 0 0	- - - 66	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY THE 8TH AUGUST, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VV ww W	PPP.TT	$N_h C_L h O_M O_H$	$W_1 D_S D_M T_n T_n$	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	20
Iran	Charbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 88	0 09 05	97 00 0	964 92	0 0 9 0 0	- - - 94	000 77	2 31 03	96 00 0	981 91	9 9 9 0 1	- - - 84	+ 3	- 1	0	- 0.1	3.3	4
	Sharjah	000 xx	0 31 05	97 00 0	970 99	0 0 9 0 0	- - - 99	000 xx	0 31 09	97 00 0	010 90	0 0 9 0 0	- - - 87	—	—	0	—	1.5	6
	Kuwait																		5

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,350 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).
(a) Reports only 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	$N_h C_L h C_M C_H$	$D_s v_s$ 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	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cedlarpool	33 060	764 00	4 28 09	98 02 1	080 81	32 4 40		—	0 06 79	1 26 32
Ranchi	33 089	690 06	1 20 11	98 02 0	092 81	9× × ××	2 6 608	—		1 23 1×
Breaconshire	33 091	689 06	7 29 13	99 02 2	090 85	71 × 65	2 6 800	..		1 27 32
Jehangir	33 152	692 06	8 27 13	97 02 2	041 83	85 6 00	2 4 800	8 6 880	0 05 74	1 27 33
Raki	33 084	703 06	8 29 16	98 02 1	104 84	52 6 71	2 6 115	—	0 02 79	1 27 32
Jalaprakash	33 198	715 06	8 27 04	98 02 5	013 82	69 9 00	3 3 891	—	0 00 78	1 27 86
Islami	33 188	704 06	8 26 20	98 02 2	021 82	82 6 00	5 5 800	—	0 04 75	1 26 55
Marwarla	33 157	720 06	8 25 16	98 16 6	088 82	33 4 20	7 4 610	8 6 584	0 02 78	1 25 44
Dwarka	33 248	685 06	8 23 09	97 02 2	984 82	85 3 00	3 4 606	—	0 00 77	—
Cian Cambel	33 097	669 06	4 15 18	98 02 1	128 84	11 6 10	6 5 103	—	0 03 75	1 25 ×2
Jalaprakash	33 192	723 12	8 27 05	98 02 6	093 82	89 9 ××	8 3 891	..	0 00 78	1 27 37
Bengkalis	33 060	667 12	7 26 23	98 23 2	067 88	32 4 97	6 4 209	—	0 00 84	1 27 34
Warla	33 164	716 12	8 26 18	98 16 6	035 81	49 5 28	7 4 609	8 6 880	0 01 77	1 25 44
Celicia	33 219	650 12	6 25 24	80 02 2	086 82	54 6 01	1 6 610	—	0 03 76	—
Celicia	33 229	643 16	9 25 24	80 02 2	002 79	9× 9 ××	1 6 815	—	0 02 78	—
Dara	33 016	792 16	8 26 15	98 02 6	137 27	74 3 20	6 5 880	—	0 00 52	1 27 44
Celicia	33 239	657 06	8 25 05	80 02 2	997 79	88 5 ××	1 6 810	..	0 05 78	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	PtPththt	TtT1Td1Td1Tx1 etc.	5555	hthtPtPtPt	TtT1Td1Td1Tx1 etc.
1	3	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	996 23	256 60	864 69	271 66	700 27	180 49	609 40	519 91	902 16	759 94	201 41	959 97	555 65	169 46	243 26	809 00	271 96	375 85	291 82	658 00	251 23	456 60	695 01	895 11

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	10	15	20	25	30	1	2	3	4	5	10	1	2	3	4	5	6	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	18 18	21 18	11 24	11 26	12 24	—	..	..	—	—		11 21	12 22	13 22	13 21	13 20	13 07	13 17	13 23	12 27	12 25	—	—	—	—	—
Chhor	21 11	19 11	13 15	10 18	—	—	—	—	—	—		—	—	—	—	—	—	13 17	13 06	07 00	07 20	07 24	06 23	—	—	—
Chittagong	19 19	16 21	16 27	15 23	15 21	15 23	—	—	—	—		14 25	—	—	—	—	—	16 16	16 25	17 21	17 21	—	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	15 11	17 17	19 17	18 14	—	—	—	—	—
Dacca	18 18	19 18	13 25	13 25	—	—	—	—	—	—		—	—	—	—	—	—	11 21	13 16	—	—	—	—	—	—	—
Daibandie	—	—	13 08	16 02	09 23	01 10	25 10	26 09	—	—		—	—	12 03	09 07	15 02	26 05	—	—	04 05	06 08	11 05	13 02	25 02	—	—
Drosc	—	—	—	—	22 09	19 09	10 02	20 04	—	—		—	—	—	21 05	22 06	18 09	—	—	—	—	21 06	18 05	—	—	—
Port Sandeman	—	—	—	29 01	05 01	01 04	—	—	—	—		—	—	—	22 01	18 02	16 08	—	—	—	—	29 22	10 06	01 13	08 18	—
Jacobabad	19 05	17 02	14 02	11 06	01 06	04 19	05 17	02 16	06 29	06 26		21 15	21 11	18 05	24 02	08 10	06 17	19 09	19 06	10 02	05 12	05 17	07 11	05 19	—	—
Sheiam	11 15	10 14	11 17	18 04	—	—	—	—	—	—		12 07	18 18	19 10	29 49	28 09	25 19	—	—	—	—	—	—	—	—	—
Siwam	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 19	26 15	—	—	—	—	—	—	—	—		24 24	25 03	—	—	—	—	25 05	21 02	08 16	06 14	08 21	07 23	—	—	—
Khanpur	22 05	16 05	13 07	14 10	11 08	05 16	04 09	03 19	—	—		22 09	24 21	26 03	05 06	—	—	13 07	22 06	04 09	09 05	05 13	03 16	—	—	—
Lahore	03 04	10 12	10 15	08 07	35 12	02 08	04 18	—	—	—		16 15	18 27	19 09	26 11	30 13	24 14	15 10	16 22	17 23	13 12	13 08	—	—	—	—
Multar	10 08	17 07	16 14	16 12	13 12	03 18	—	—	—	—		22 03	22 24	22 17	19 07	—	—	11 11	13 06	14 10	11 07	08 13	—	—	—	—
Peshawar	—	—	—	—	—	—	—	—	—	—		—	23 03	25 06	22 12	23 12	21 02	—	—	—	—	—	—	—	—	—
Quetta	—	—	—	—	35 08	32 14	26 07	—	—	—		—	—	—	—	11 08	27 04	—	—	—	—	11 04	08 09	08 15	11 10	—
Bushire	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bhariar	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v,)

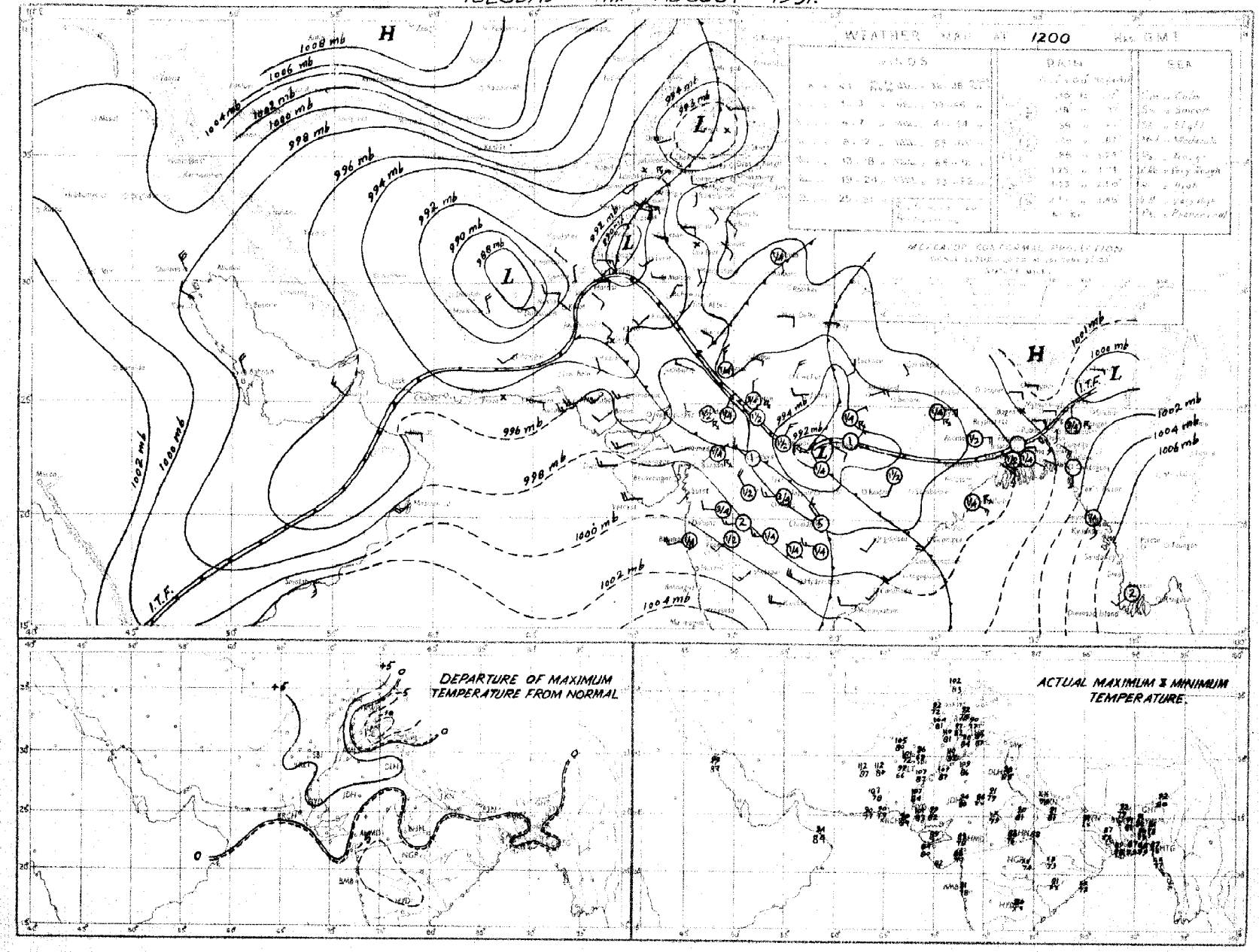
Chhor 76808 20906

* 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 0.5, 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

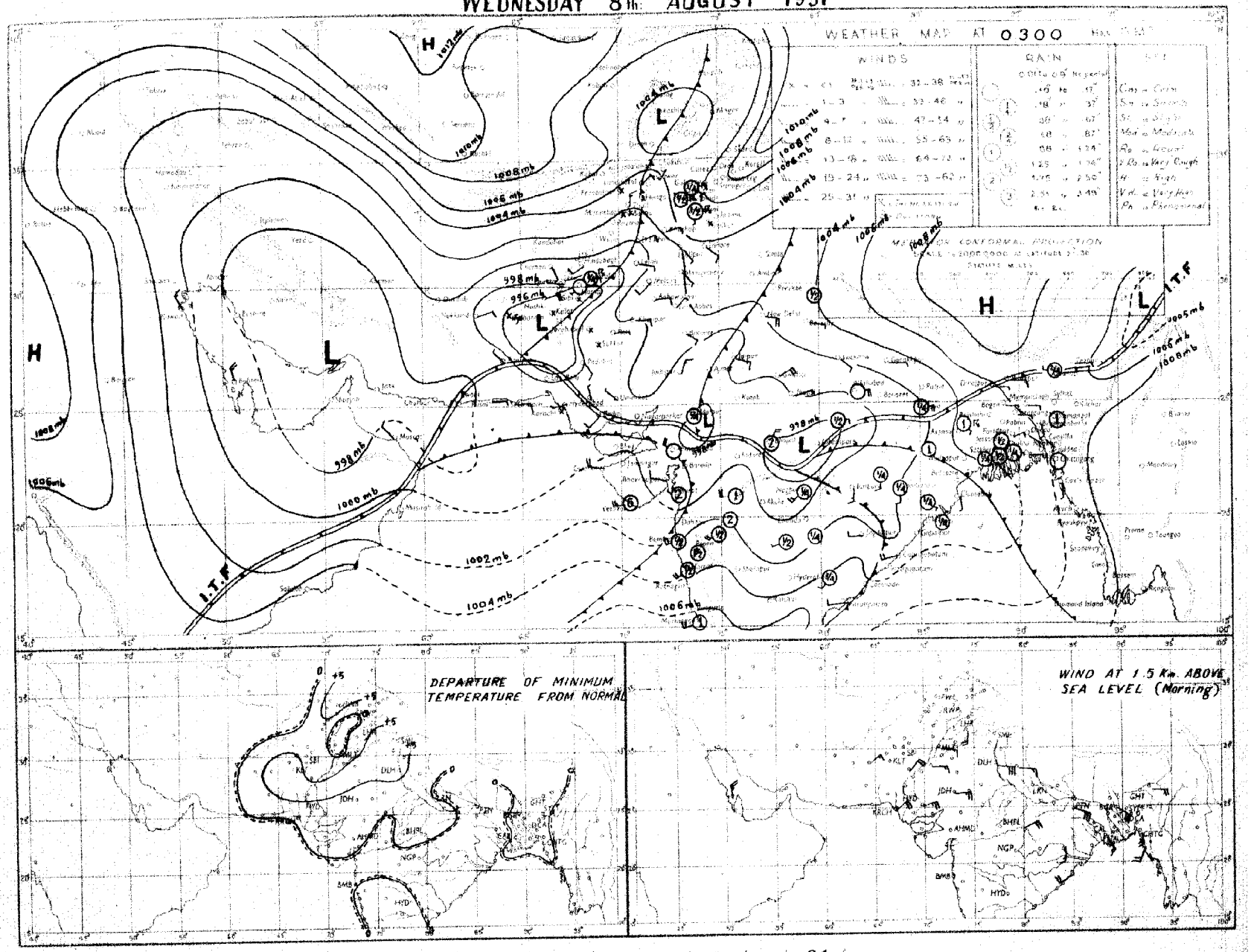
TUESDAY 7th. AUGUST 1951.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 8th AUGUST 1951



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

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Regd. No. S-1467

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 9TH AUGUST, 1951

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

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

Yesterday's low lies over Cutch and lower Sind. It is moving westnorthwestwards.

A low pressure wave over lower Burma is causing unsettled conditions in the north Bay of Bengal.

Local rain has occurred in East Pakistan and fairly widespread rain/thunderstorms have occurred in West Pakistan out side West Baluchistan. A few dust/thunderstorms have also been reported from upper Sind and north Baluchistan.

Chief amounts of rainfall are :—Lyallpur 3", Sialkot 2", Parachinar 1½", Jacobabad 1", Badin ¾"; Jhelum, Khanpur, Chakdara, Quetta, Sukker and Umarkot ½" each and Barisal, Lahore, and Padidan ¼" each.

Day temperatures were markedly to considerably below normal in the plains of Punjab and the adjoining North-West Frontier Province. They were generally appreciably above normal elsewhere over West Pakistan and the Northern Sub-division of East Pakistan.

Forecast valid until the evening of 10th :—Local rain/thunderstorms will occur in East Pakistan and west Baluchistan. Fairly widespread thunderstorms/showers will occur elsewhere over West Pakistan and Kashmir. A few duststorms will also occur in west Baluchistan.

Karachi-11.
The 9th August, 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$_S$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	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	5 13 03	95 02 6	040 81	1 5 6 3 1	9 0 0 87	009 77	8 18 02	97 01 1	057 84	2 2 7 0 1	1 0 × 77	+ 2	+ 1	56 8	- 18 2	65.0	140
	Chittagong	003 78	5 20 09	97 02 6	030 83	1 1 6 7 6	4 9 9 86	003 75	4 ×× ××	97 02 1	052 84	2 2 6 7 0	0 × 9 77	0	+ 1	48.2	- 2.1	78.0	109
	Comilla	000 78	6 18 08	98 03 1	020 89	6 4 7 0 0	- - - 89	000 77	7 13 09	95 03 1	058 84	6 4 7 0 1	- - - 78	+ 2	+ 1	58.0	+18.1	64 6	118
	Brahmanbaria	000 78	2 12 04	97 01 1	023 88	2 4 6 0 0	- - 92	000 78	4 00 00	97 03 1	060 84	4 5 5 0 8	- - - ××	—	—	80.5	+ 0.4	40.4	94
	Dacca	××× 77	2 18 02	99 01 2	019 86	1 1 6 0 1	9 × × 89	××× 79	7 00 00	97 02 6	042 83	6 8 4 0 1	9 × × 79	—	—	—		—	72
	Narayanganj	004 78	2 18 02	95 01 6	015 87	1 5 5 0 9	8 0 × 90	004 77	8 16 03	95 03 6	038 88	8 4 5 -	9 × × 81	+ 3	+ 2	37.3	+ 8 2	56.3	74
	Mymensingh	000 81	8 09 00	99 02 2	030 88	8 8 6 -	- - 93	000 78	8 00 00	99 02 2	043 85	8 4 7 -	- - 80	+ 5	+ 2	27 2	10.7	35.3	81
	Srimangal	000 79	5 00 00	97 02 1	021 89	8 8 7 0 1	0 6 × 92	000 77	7 13 02	97 02 1	054 79	6 8 6 0 1	0 6 × 78	+ 3	+ 2	38.2	+ 1.4	65.3	91
	Khulna	000 78	2 13 02	96 00 0	020 85	2 2 7 0 0	- - - 89	009 77	7 13 02	96 03 1	047 84	7 8 6 - -	- - - 79	+ 2	+ 1	28.4	- 2.3	36 9	66
	Satkhira	000 79	8 00 00	97 02 5	015 87	2 4 7 4 0	6 0 × 88	015 78	7 00 00	96 02 6	044 84	4 4 6 6 0	8 0 × 79	0	+ 1	17 9	11.1	26 3	65
	Jessore	000 78	3 18 02	97 02 5	012 85	3 2 6 0 0	4 × × 93	002 79	7 00 00	96 02 6	036 86	7 8 6 - -	5 × × 78	—		18 1	9.8	25.3	65
	Faridpur	009 79	7 07 13	96 01 6	017 85	6 4 6 1 0	8 < × 85	008 78	7 07 02	97 02 1	041 85	5 4 6 1 0	9 × × 79	- 2	0	26 5	- 2 5	32 9	71
	Barisal	003 78	4 10 05	98 01 6	020 85	3 4 6 0 8	8 × × 88	026 81	8 07 02	98 03 6	045 85	4 4 5 4 6	3 × × 79	+ 1	+ 1	23.9	6.9	38.5	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 80	8 13 05	99 02 2	026 87	6 2 8 - -	- - - 90	000 77	8 13 02	99 02 2	037 86	8 2 7 - -	- - - 86	—	+ 7	26.3	1 0	30 8	64
	Bogra	000 77	6 13 02	96 01 1	031 90	2 1 7 0 2	- - - 92	000 78	3 20 02	96 01 1	036 89	2 1 7 0 1	- - - 81	+ 4	+ 2	25.9	- 3 6	32.7	65
	Dinajpur	000 88	0 00 00	97 00 1	021 88	0 0 9 0 0	- - - 92	000 80	0 00 00	97 00 0	048 88	0 0 9 0 0	- - - 81	+ 4	+ 3	26 9	- 5.4	31.1	72
	Rangpur	000 ××	4 09 02	98 02 1	— —	4 1 8 0 0	- - - —	000 ××	3 00 00	98 02 1	— —	8 7 8 0 0	- - - —	—	—	48.7	+ 11.8	58.3	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg ††																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	225 79	6 00 00	95 02 9	002 80	6 2 9 0 0	7 0 0 91	212 80	5 07 02	95 02 9	028 83	0 0 9 2 0	9 0 5 75	—	- 6	4.9	- 0.3	9 1	12
	Lahore	028 77	6 05 03	96 01 9	005 83	1 5 6 7 0	5 × 9 87	023 79	8 00 00	96 03 2	032 85	5 5 6 7 -	9 × 3 80	- 11	+ 1	8.8	+ 0.3	12.9	19
	Sialkot	207 77	7 05 04	98 01 9	011 79	3 1 6 6 8	- - - 86	207 79	7 05 03	96 03 5	055 80	7 4 6 0 0	- - - 74	- 9	- 5	7.0	6.6	11.9	32
	Jhelum	044 78	7 18 02	98 02 9	909 84	2 8 7 0 6	9 9 × 84	044 78	8 18 02	96 03 5	047 81	8 6 7 - -	2 × × 75	—	—	11.8	—	21.2	—
	Rawalpindi	000 76	8 13 03	93 01 1	999 88	3 2 7 0 0	- 90	000 75	4 00 00	98 01 1	035 82	4 2 7 0 0	- - - 77	- 5	+ 1	8.6	- 4 5	10.4	36
	Murree †	000 67	8 00 00	95 03 4	943 70	8 9 8 -	4 × × 72	000 63	7 11 05	97 02 4	958 65	7 5 5 - -	7 × × 62	0	+ 5	18.6	- 7.2	36.3	60
	Attock	××× ××	0 27 02	98 00 0	—	0 0 0 0 0	- - - -	××× ××	7 18 05	96 02 0	— —	7 0 6 2 0	- - - —	—	—	—	—	—	—
	Khushab	000 76	7 11 05	99 03 1	002 80	0 0 9 × 4	- - - 93	000 76	6 09 05	99 03 1	024 86	6 5 7 0 0	- - - 82	- 7	0	1.7	4.7	7.4	15
	Montgomery	003 74	8 23 02	96 03 5	996 77	8 9 6 - -	6 × × 98	009 79	6 13 03	96 01 1	018 86	0 0 9 2 0	6 × 0 76	- 3	- 6	1 7	- 3.0	5.3	10
	Leiah	000 58	3 18 05	96 01 5	938 96	0 0 9 0 3	3 3 0 07	000 81	3 36 02	96 02 0	021 87	0 0 9 3 0	- - - 84	—	—	0.8	—	6 5	5
	Multan	000 75	8 11 09	97 03 2	988 91	0 0 9 2 0	9 9 0 04	000 78	8 05 05	96 03 2	012 89	0 0 9 2 0	9 9 0 88	- 6	- 1	1.6	1 7	4 6	7
	Khanpur	000 80	8 07 16	93 30 9	996 89	5 9 7 7 0	3 × 9 06	000 81	0 05 09	95 05 1	991 88	0 0 9 0 0	9 × × 88	+ 3	+ 1	0.2	3 2	1.9	6
	Bahawalpur	040 81	8 00 00	97 03 6	983 88	8 7 7 -	9 9 9 04	040 81	0 07 03	97 00 6	996 87	0 0 9 0 0	0 1 0 83	+ 3	+ 1	0.4	2.8	3 5	6
	Fort Abbas	000 80	0 05 09	95 03 0	947 95	0 0 9 0 0	0 × × 07	000 68	0 13 03	96 00 0	969 93	0 0 9 0 0	0 × × 77	—	—	0.8	—	1.2	8
N. W. F. P.	Drosh *	006 64	1 36 16	98 02 9	868 96	1 1 7 0 0	8 × × 99	000 60	2 00 00	98 02 1	921 81	1 2 5 3 0	3 × × 70	+ 3	+ 6	1.0	—	21.3	18
	Chakdara	045 76	0 16 02	99 09 0	965 91	0 0 9 0 0	- - 92	045 74	6 00 00	98 01 2	023 81	6 5 0 0 0	2 × × 74	—	—	2 8	—	15.1	—
	Cherat *	000 70	8 18 05	97 01 1	941 81	3 1 7 0 0	4 × × ××	002 70	7 09 02	97 03 6	948 73	0 0 9 0 0	2 × 8 69	—	—	2.6	- 3 6	24.7	20
	Peshawar	004 78	4 02 03	96 02 6	002 89	2 8 7 4 0	7 × × 91	004 75	7 36 05	97 03 1	026 84	6 5 7 2 0	- - - 77	- 8	- 2	0.5	- 2.0	7.8	14
	Parachinar	000 57	7 05 02	95 02 9	930 75	2 2 5 6 0	5 × 9 87	163 68	0 00 00	99 05 9	954 73	9 0 0 0 0	0 × × 67	+ 2	+ 2	6.8	—	24.6	29
	Miranshah	000 75	7 07 05	95 28 4	909 94	7 2 6 4 5	- - - 95	000 79	0 11 02	98 28 4	931 81	9 0 9 0 0	- - - 80	—	—	0.3	3 0	7.9	13
	Bannu	000 75	0 15 03	98 05 4	989 97	0 0 9 0 0	- - - 00	000 74	7 18 03	98 01 1	990 86	0 0 9 3 0	- - - 80	—	—	3.1	—	8.0	11
	D. I. Khan	000 78	0 00 02	94 06 0	993 98	0 0 9 0 0	- - - 00	000 77	2 05 02	96 02 0	015 85	0 0 9 0 3	2 × × 80	- 1	- 3	1 1	2.5	2.8	9
	Wana																		11
	Landikotal	000 75	3 05 03	98 02 1	906 86	3 7 6 0 0	- - - 87	000 70	4 05 03	98 02 1	929 80	4 1 6 0 0	- - - 73	—	—	0.5	—	10.1	—
	Hangu	××× ××	6 00 00	97 01 1	— —	0 0 9 2 0	3 × 0 —	××× ××	8 00 00	97 03 1	— —	0 0 9 2 0	9 × 0 —	—	—	—	—	—	—
	Thal	××× ××	7 09 13	98 03 1	— —	5 8 7 8 1	- - - —	××× ××	6 16 09	98 03 1	— —	2 8 7 5 1	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 62	4 05 08	97 00 9	803 95	× 0 8 2 4	- - - 99	000 70	0 00 00	94 05 2	944 80	0 0 9 0 0	9 0 0 78	+ 4	+ 4	0.8	- 2.6	6.7	15
	Hindubagh	000 43	6 09 09	97 03 1	906 92	6 4 5 0 0	7 × × 95	012 59	3 18 05	98 02 1	038 74	0 0 9 2 0	3 × 0 67	—	—	0.1	—	8.5	—
	Loralai	000 75	8 13 09	96 03 1	804 93	6 7 9 0 0	- - 94	000 71	5 13 03	96 03 9	915 80	8 9 6 6 0	- - - 74	—	—	0.6		7 0	—
	Harnai (a)	000 ××	7 09 02	95 02 2	— —	× 0 7 2 5	9 0 6 —	000 ××	0 00 00	94 41 2	— —	0 0 9 0 0	- - - —	—	—	1.0	- 3.7	9.0	14
	Sibi	000 55	6 13 06	95 07 1	917 09	2 2 7 5 0	- - - 13	000 75	4 23 03	97 02 0	967 95	0 0 0 2 1	- - - 93	—	—	1.2	—	2.7	6
	Quetta †	026 66	7 16 12	97 31 2	920 91	0 0 9 4 0	- - - 97	039 69	0 16 03	97 10 9	929 75	0 0 9 0 0	- - - 71	—	—	0.4	- 0.5	3.9	8
	Chaman	000 63	0 31 03	97 00 0	862 05	0 0 9 0 0	- - - 05	000 70	0 23 03	97 00 0	910 89	0 0 9 0 0	- - - 83	+ 5	+ 8	0	- 0 1	9.8	8
	Nushki	000 59	6 29 09	97 08 1	909 10	× 0 8 6 1	9 9 4 13	000 73	9 09 07	94 05 4	965 92	9 0 - -	9 × × 87	—	—	0	—	5 4	—
	Dalbandin *	000 64	3 00 00	94 05 6	821 12	0 0 9 0 4	- - 12	000 69	3 05 03	94 07 3	001 90	0 0 9 0 4	- - - ××	+ 4	—	0	- 0.3	1.3	4
	Nokkundi	000 98	4 34 09	97 03 1	898 10	0 0 9 0 3	9 0 × 13	000 76	1 34 02	97 03 0	962 91	0 0 9 0 1	0 0 × 87	—	—	0	—	0.9	3
	Kalat †	003 61	0 19 09	98 00 6	925 86	0 0 9 0 0	2 × × 92	000 35	0 05 02	98 00 6	942 74	0 0 9 0 0	2 × × ××	+ 2	—	0.1	- 0.9	9.0	7
	Turbat	000 79	7 23 05	97 03 1	058 05	0 0 9 0 1	9 0 × 11	000 77	8 00 00	95 02 2	014 91	8 0 8 1 0	- - - 86	—	—	0	—	1.4	—
	Panjgur *	000 34	8 30 02	97 03 1	876 01	0 0 9 2 0	9 × 6 05	000 65	8 05 03	97 03 1	911 82	0 0 9 2 0	9 × 6 75	+ 3	0	0	—	2.2	3
	Las Bela																		8
	Ormara	000 75	9 25 04	96 01 0	965 89	0 0 9 0 8	- - - 90	005 80	6 25 13	94 05 6	985 82	0 0 9 7 0	- - - 79	—	—	0.1	- 0.6	2.8	8
	Pasni	000 77	4 11 05	97 01 1	971 87	0 0 9 4 0	5 × 6 89	000 77	5 25 05	96 03 1	004 83	0 0 9 2 0	9 × 6 79	0	+ 2	0.5	- 0.3	4.7	4
	Jiwani																		4
SIND	Reti	000 97	6 29 08	96 01 2	962 01	0 0 9 3 0	- - - 08	007 84	0 05 09	96 00 0	002 80	0 0 9 0 0	- - - 85	—	—	0.1	—	0.8	—
	Jacobabad	108 79	8 27 12	97 98 9	973 83	7 9 6 4 -	- - - 09	109 80	2 02 00	88 10 1	900 98	0 0 9 0 1	- - - 81	+ 5	- 2	1 3	- 0.4	1.3	4
	Sukkur	000 80	6 18 09	95 62 7	061 01	8 5 8 - -	- - - 06	040 78	6 07 03	96 02 9	982 89	0 0 9 0 7	- - - 80	—	—	0.5	—	1.0	4
	Padidan	015 79	3 05 09	95 95 9	980 06	8 9 8 - -	- - - 07	090 79	4 00 00	95 01 9	980 87	0 0 9 1 0	- - - 81	—	—	0.3	—	0.3	
	Karachi (Manora)	000 78	6 25 09	97 02 2	965 86	0 0 9 7 0	- - - 85	013 79	8 25 05	94 10 2	978 82	0 0 9 2 0	- - - 81	0	+ 1	0.7	- 2 8	0 7	8
	Karachi (A. P.)	017 83	6 36 07	96 02 6	967 86	9 0 9 4 0	7 × × 80	017 79	8 25 03	96 02 9	981 83	0 0 9 2 -	- - - 80	—	—	1.7	—	1.8	
	Badin	000 73	7 00 00	97 08 2	956 00	7 5 7 0 0	- - - 01	076 79	0 23 03	97 00 0	971 87	5 0 9 0 0	- - - 80	+ 9	0	7.0	+ 2 5	7.0	9
	Nagarparkar																		
	Chhor (Umerkot)	000 84	3 31 07	97 03 5	926 90	0 0 9 3 0	- - - 02	050 81	2 02 05	97 00 9	990 87	0 0 9 0 2	- - - 81	—	—	1.7	—	1.7	—
	Hyderabad	000 76	7 00 00	96 03 1	967 01	0 0 9 7 0	- - - 03	000 79	0 36 05	96 03 1	975 89	0 0 9 0 8	- - - 84	+ 7	+ 5	0.4	- 3.7	0.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul							000 58	0 29 07	98 00 0	078 60	0 0 9 0 0	- - - 58			0		9.9	12
	Jalalabad	000 77	3 09 04	98 01 0	083 00	0 0 0 2 0	3 × 9 97	000 74	5 00 00	97 03 1	989 86	0 0 9 5 0	4 × 9 84	—	—	0.5	—	8.9	—
	Kandahar	000 23	8 00 00	98 00 0	081 60	0 0 9 0 0	- - - 04	000 70	9 00 00	94 05 4	868 79	0 0 0 0 0	- - - 60	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY THE 9TH AUGUST, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_xT_n$	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
	Mashed	-	-	-	-	.	.	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	.	.	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 77	0 31 05	97 00 0	980 95	0 0 9 0 0	- - - 03	000 81	7 28 05	96 01 2	975 83	0 0 9 2 0	- - - xx	+ 18	...	0	- 0.1	8.8	4
	Shariab	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 26 18	96 05 0	978 00	0 0 9 0 0	- - - 01	-	-	-	-	-	-	-	-	0	-	-	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,280-3,356 feet according to latitude..
† Barometer readings reduced to 2 geodynamic Kilometre (6,569-6,713 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.

(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	$id_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Wadily	48 194	699 95	8 17 21	97 16 2	025 81	32 4 80	7 4 300	8 6 488	0 01 77	1 26 44
Icasna	48 193	705 96	8 27 18	97 18 2	017 82	...	...	...	...	...
Islami	48 189	668 98	8 25 20	97 02 2	027 83	32 6 00	6 3 300	...	0 04 78	1 25 67
Raki	48 068	786 12	7 25 17	98 01 0	079 84	77 5 --	2 6 316	...	0 04 78	1 24 22
Ciancam	24 118	812 12	8 25 24	81 02 2	081 80	11 6 80	6 5 003	...	0 00 78	1 26 x2
Warla	48 208	614 12	8 26 20	97 18 1	092 79	47 3 24	7 4 300	8 6 488	0 52 78	...
Bengkalis	48 057	618 12	7 26 18	98 02 1	091 84	52 5 40	6 4 620	...	0 02 75	1 26 44
Bengkalis	48 057	610 18	8 25 10	98 02 1	115 82	32 4 00	6 4 300	...	0 00 78	1 26 45
Sdauna	48 175	715 18	8 25 18	97 01 2	024 83	...	...	...	...	...
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h8h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi ...	780 14	995 29	258 80	854 69	242 07	555 55	139 40	272 25	299 07
	282 18	309 00	282 06	648 00	211 99	181 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	15	20	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	13 14	12 16	12 22	...	...	...	...	...	...	...	16 03	17 18	...	...	...	...	16 07	13 08	14 09	13 08	13 13	14 11	14 11	...
Dhhor	23 03	05 08	05 15	...	...	...	...	...	...	...	...	...	...	...	...	...	07 10	08 13	09 16	07 15	05 20	05 22	...	...
Chittagong	19 15	18 14	...	...	...	...	...	...	...	...	17 14	17 14	19 14	17 15	...	...	16 06	17 08	18 07	04 06	...	...	...	...
Co's Bagar	15 11	20 10	20 19	17 11	15 14	13 14	...	...	...	...	17 10	17 13	17 13	...	...	...	17 07	16 08	...	...	...	...	...	...
Dacca	13 19	15 20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15 04	13 07	13 10	05 02	14 15	...
Dalbandin	...	...	08 08	06 06	09 09	11 01	08 09	...	...	...	...	...	...	30 29	28 05	19 11	...	...	...	...	22 04	20 11	25 01	25 14
Drosh	-	-	-	...	24 10	19 09	28 04	28 10	...	...	...	...	...	...	15 23	17 08	...	...	...	05 08	24 22	05 08	...	...
Fort Sandeman	...	...	...	13 02	17 06	22 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	08 04	13 01	05 08	08 10	07 16	09 17	...	...	...	...	08 08	08 13	09 17	07 13	08 13	...	06 09	08 15	07 15	05 11	08 13	05 20	05 21	...
Sheikm	06 03	13 07	11 11	11 06	28 02	28 03	...	...	...	...	08 01	13 06	13 09	19 11	13 11	20 04	22 07	17 09	17 08	19 11	...	...	...	...
Siwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	19 06	08 05	09 12	08 20	08 31	...	...	...	...	...	23 15	25 17	23 17	08 18	07 23	07 23	06 07	03 19	04 21	...	...	...	...	...
Khanpur	05 09	07 09	07 18	07 15	...	...	...	...	...	...	08 21	08 25	13 20	08 16	08 18	...	05 18	15 15	13 08	06 12	04 19	...	...	...
Lahore	06 07	07 07	12 10	12 13	17 11	14 02	...	...	...	...	...	...	...	...	...	...	10 05	15 14	16 15	14 08	14 15	15 07	...	...
Multar	09 24	28 15	08 11	09 08	07 13	...	...	...	...	...	09 16	08 12	13 10	12 06	05 06	08 17	08 15	12 13	13 14	08 09	01 15	01 17	...	...
Peshawar	...	28 05	19 04	13 04	20 02	...	...	...	...	...	...	84 84	28 04	17 20	16 19	...	...	25 09	24 48	21 04	25 05	...	...	...
Quetta	-	-	-	-	24 19	26 02	...	...	...	...	...	...	-	-	-	...	...	...	...	...	13 04	25 08	24 18	19 23
Rush re	...	-	-	-	-	-	...	...	...	...	...	...	...	...	...	...	-	-	-	-	-	-	...	...
Shariah	...	-	-	-	-	-	...	...	...	...	...	...	...	...	...	...	-	-	-	-	-	-	...	...

Cloud Observation Data (iiiGG Cddv, v_s)

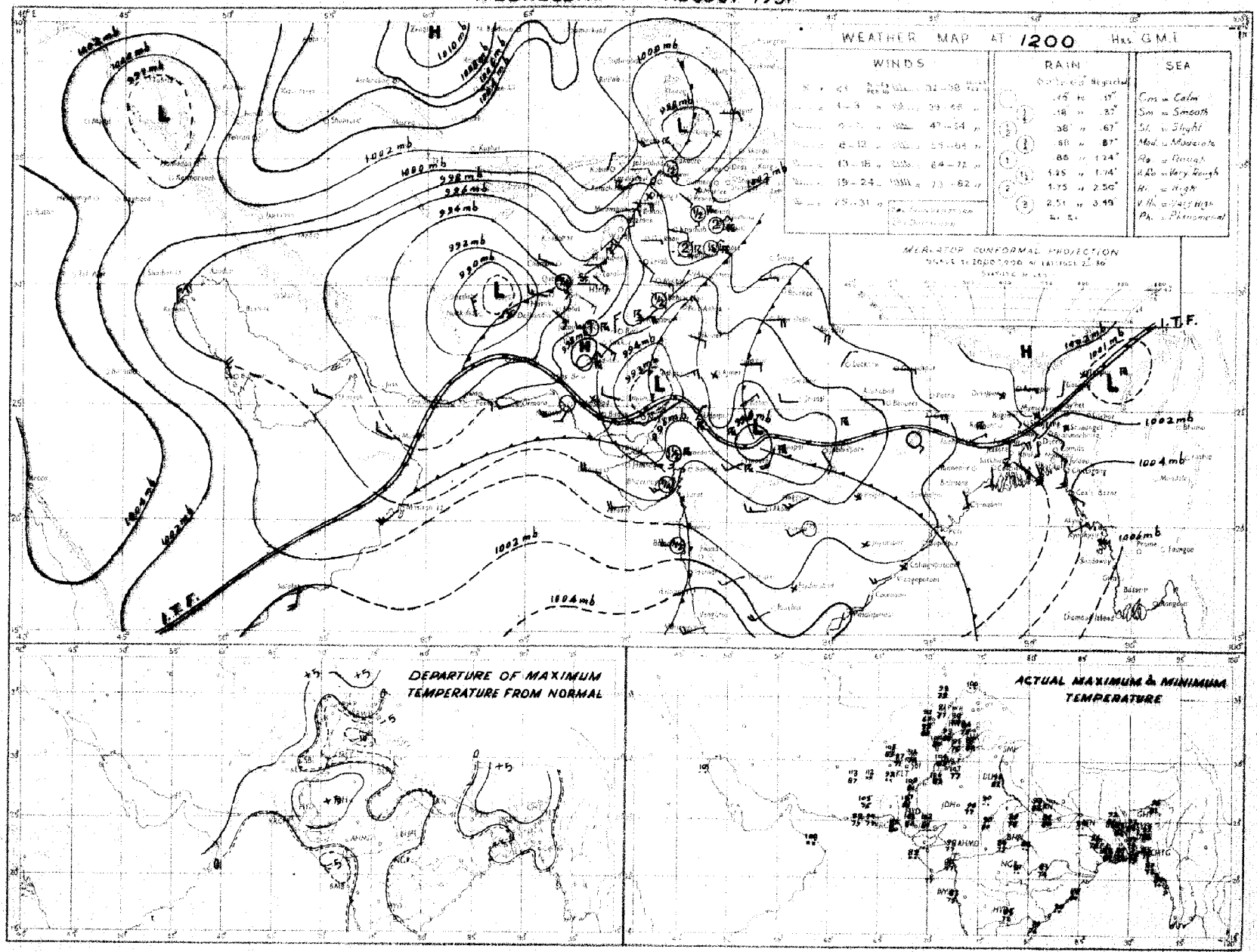
64003 NEPH 41407

* 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 0.3, 0.6, 0.9, 1.5, 2.1, 3.0 4.3 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

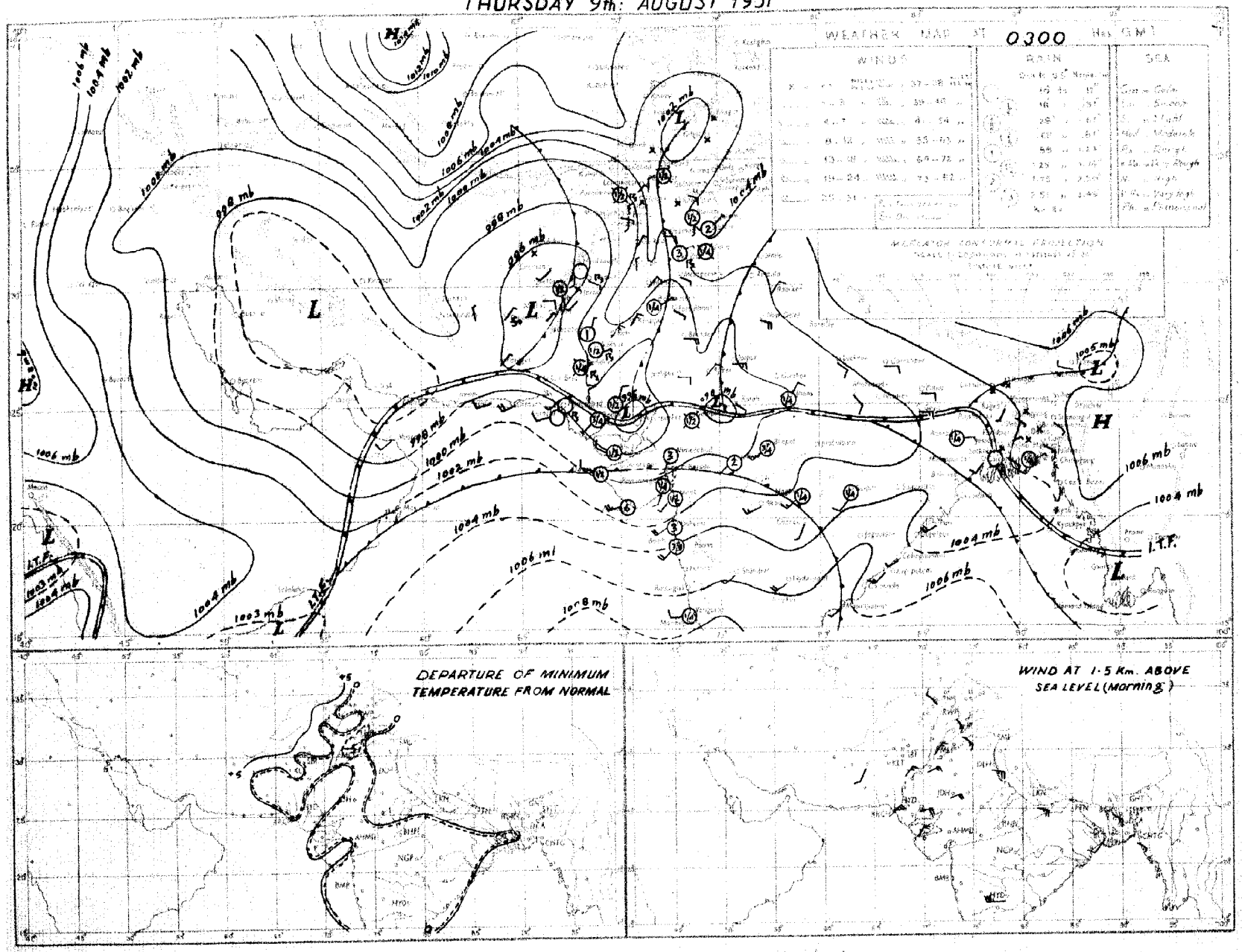
WEDNESDAY 8th: AUGUST 1951



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 9th: AUGUST 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-1467

FOR FRIDAY, THE 10TH AUGUST, 1951

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

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

Yesterday's low over Cutch and adjoining lower Sind moved northnorthwestwards and now lies over north Rajputana and the adjoining areas of West Pakistan. It is likely to move northwards and merge into the seasonal low.

A trough extends from Chotanagpur to north Bay of Bengal.

Latest observations from East Pakistan are absent. Rain/thunderstorms have been fairly widespread in Sind and north Baluchistan, local in the north Punjab and south Baluchistan and scattered elsewhere over the country.

Chief amounts of rainfall are :—Loralai 1", Kalat, Chhor, Hyderabad and Jessore ½" each, and Sialkot, Murree, Parachinar, Fort Sandeman, Harnai, Karachi (Manora), Karachi (Air Port) and Brahmanbaria ¼" each.

Day temperatures were appreciably to markedly below normal in the north Punjab, appreciably to markedly above normal in lower Sind and appreciably above normal in the Northern and Eastern sub-divisions of East Pakistan.

Forecast valid until the evening of 11th :—Rain/thundershowers will be fairly widespread in the Punjab, upper Sind and Kashmir and will occur locally elsewhere over the country.

Karachi-11.
The 10th August, 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 CMCH	WtDLDMTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDLDMTnTn	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 78	3 18 02	95 01 1	011 84	1 8 6 0 1	1 0 × 90	000 78	4 00 00	96 02 1	032 85	1 1 7 3 1	1 6 0 79	+ 5	+ 3	56 3	- 19 2	65.9	140
	Chittagong	000 78	3 25 05	97 02 1	007 85	2 1 6 9 5	0 9 9 89	000 78	8 13 02	97 02 6	026 85	8 8 6	8 × × 80	+ 2	+ 4	48.2	2 9	78.0	105
	Comilla	000 78	5 31 05	98 03 1	002 90	5 4 7 0 0	- - 90	000 79	6 00 00	98 03 1	022 86	4 3 7 0 1	- - 80	+ 3	+ 3	59 0	+17.5	64.6	118
	Brahmanbaria	000 79	2 00 00	97 03 1	001 90	2 4 5 0 0	- - 92	020 81	3 18 02	97 01 1	022 89	1 5 5 0 1	0 4 × 81	—	—	30.7	+ 0.1	40.4	84
	Dacca	××× 79	4 00 00	99 01 2	995 87	3 8 6 3 0	3 × × 90	000 80	6 09 01	97 02 1	020 90	3 2 6 0 4	3 × × 76	—	—	—			78
	Narayanganj	000 77	2 16 02	95 01 1	995 80	1 2 5 0 7	9 0 × 91	000 80	6 16 02	95 03 2	019 88	6 4 5	2 × × 82	+ 4	+ 3	27.8	+ 7.8	56.3	74
	Mymensingh	000 78	5 09 00	99 02 2	999 88	5 4 7 0 0	- - 92							+ 4					91
	Srimangal	000 79	2 00 00	97 01 1	998 89	1 2 7 0 1	0 5 × 92	000 81	5 27 02	97 02 1	024 86	3 2 7 0 1	0 5 × 79	+ 2	+ 3	35.2	+ 0 9	65.3	98
	Khulna	000 77	5 18 02	96 02 2	998 83	5 4 6 0 0	- - - 77	000 78	2 05 02	98 00 0	022 88	3 2 × 0 0	- - - 80	- 10	+ 2	28.4	2 8	36 9	68
	Satkhira	000 79	6 ×× ××	97 03 1	992 86	5 4 6 6 0	9 0 × 88	000 80	5 00 00	97 02 1	014 84	4 4 6 6 0	9 0 × 79	0	+ 1	17.9	11.6	26 3	64
	Jessore	018 81	5 09 02	96 21 6	991 86	2 1 6 0 2	7 6 × 95	019 78	4 00 00	97 61 0	016 88	4 8 6 0 0	- - - 78	—	—	18.3	10.0	25.4	65
	Faridpur	000 79	5 04 02	96 01 1	993 85	5 4 6 1 0	9 × 1 86	000 79	6 06 02	97 02 1	024 85	4 4 7 1 0	9 × 1 80	- 1	+ 1	25 5	- 3.1	32 9	71
	Barisal	000 79	7 16 02	99 01 1	997 87	6 4 6 2	- - - 91	000 72	4 00 00	98 01 1	030 85	2 1 6 4 1	- - - 81	+ 4	+ 3	28.9	7.4	38.5	61
	Pabna																		59
	Rampur Boalia																		55
	Sirajganj	000 79	2 00 00	96 01 1	996 97	1 1 7 - -	- - - 88	000 78	3 00 00	99 01 1	016 89	3 1 7 - -	- - - 83	+ 1	+ 4	26.3	1 3	36 3	64
	Bogra	000 79	5 09 02	96 01 0	991 39	2 1 3 0 5	- - - 92	000 80	6 18 02	96 03 1	018 87	4 2 7 0 5	- - - 82	+ 4	+ 1	25.9	4 0	32.7	68
	Dinajpur	000 79	3 09 02	97 01 0	986 97	0 0 9 0 8	1 0 0 93	000 79	0 00 00	97 00 0	021 90	0 0 9 0 0	- - - 81	+ 5	+ 2	26 9	5 8	31.1	72
	Rangpur	000 ××	1 00 00	98 01 1	— —	1 1 8 0 0	- - —	000 ××	1 00 00	98 02 1	--- —	1 1 8 0 0	- - - —	—	—	48.7	+ 10 9	58.3	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (n)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Alliabad																		—
PUNJAB	Lyallpur	000 82	4 07 02	96 01 0	976 92	0 0 9 4 0	0 0 7 93	000 78	2 05 02	96 01 0	987 87	0 0 9 2 0	- - - 82	+ 2	+ 1	4.0	- 0.8	9.1	12
	Lahore	000 81	5 05 03	97 03 1	991 89	2 1 6 5 0	9 × 9 93	000 79	1 09 03	96 02 1	998 88	0 0 9 4 0	9 - 9 82	- 3	+ 3	6.8	+ 0.1	12.9	19
	Sialkot	083 79	3 00 00	97 01 6	002 83	1 4 6 1 1	- - 66	083 79	7 05 02	98 03 1	000 84	4 6 6 4 0	- - - 77	- 9	- 2	7.4	6.7	12.8	32
	Jhelum	000 79	6 00 00	98 01 1	987 87	2 1 7 4 2	- - - 88	000 78	6 00 00	97 03 1	002 83	2 1 7 6 0	1 × 8 83	—	—	11.8	—	21.2	—
	Rawalpindi	000 76	3 00 00	99 01 1	989 88	3 2 7 0 0	- - - 91	000 67	7 00 00	98 29 9	019 80	7 9 5 - -	2 × × 80	- 4	+ 4	8.6	- 4 8	19.4	36
	Murree †	014 65	8 09 02	94 03 6	923 67	8 9 3	5 × × 67	021 62	9 13 03	90 81 4	927 62	9 - 0 - -	6 × × 61	- 5	+ 4	18.8	7.7	30.4	59
	Attock	××× ××	0 13 00	98 00 0	—	0 0 0 0 0	- - - -	××× ××	8 00 00	97 00 5	— —	8 0 6 2 0	- - - —	—	—	—	—	—	—
	Khushab	000 78	1 11 06	99 01 1	975 96	1 1 5 × ×	- - - 97	000 76	0 09 05	99 00 0	996 89	0 0 9 0 0	- - - 83	- 3	+ 1	1.7	4 9	7.4	14
	Montgomery	000 76	4 16 03	97 01 1	961 97	1 1 8 6 4	0 0 × 99	000 78	1 09 03	96 01 1	987 87	0 0 9 8 0	6 × 0 84	- 2	+ 2	1.7	- 3.2	5.3	10
	Leiah	000 90	2 13 02	97 00 0	988 01	0 0 9 0 2	- - 02	000 84	0 00 00	97 00 0	991 99	0 0 9 0 0	- - - 88	—	—	0.8	—	4 5	7
	Multan	000 71	0 05 06	97 00 1	971 09	0 0 9 0 0	- - 01	000 78	0 05 06	97 00 0	984 91	0 0 9 0 0	- - - 87	+ 2	+ 3	1.7	- 1 8	4.6	7
	Khanpur	005 77	4 36 10	94 04 9	943 01	0 0 9 9 1	5 9 × 02	005 82	4 05 03	95 05 1	970 92	0 0 9 3 1	9 9 0 87	- 1	+ 5	0.3	3 2	1.9	3
	Bahawalpur	000 73	0 00 00	97 00 1	947 01	0 0 9 0 0	4 0 0 91	000 80	0 20 03	97 00 0	986 91	0 0 9 0 0	- - - 86	0	+ 4	0.4	2.9	3.5	6
	Fort Abbas	000 84	× 23 03	96 02 0	949 04	0 0 9 4 0	0 × × 06	000 74	× 18 02	96 03 1	978 93	0 0 9 4 0	0 × × 78	—	—	0.3	—	1.3	3
N. W. F. P.	Drosh *	000 65	1 25 10	98 02 1	945 94	1 1 7 0 0	8 × × 98	000 65	1 00 00	98 01 9	928 74	1 3 7 0 0	9 × × 68	+ 2	- 5	1.0	—	21.3	18
	Chakdara	000 75	6 22 02	99 00 0	965 89	0 0 9 0 0	- - 91	009 73	6 00 00	98 01 1	987 79	6 6 6 0 0	2 × × 76	—	—	5.9	—	15.3	—
	Cherat *	000 71	2 13 05	97 01 1	913 84	2 1 9 0 0	4 × × ××	000 72	0 18 05	90 46 4	918 72	0 0 9 9 0	3 × 9 71	—	—	2.6	- 3 8	24.7	30
	Peshawar	000 75	2 05 07	97 01 1	966 94	2 4 7 0 0	- 96							- 3					14
	Parachinar	006 67	7 18 02	95 02 9	985 81	2 2 6 6 6	5 × 7 83	021 65	1 00 00	98 01 9	928 74	1 1 7 0 0	9 × × 68	- 3	+ 3	7.1	—	24.9	29
	Miranshah	000 68	4 07 03	98 02 1	858 90	4 2 6 4 5	- - - 02	000 73	0 00 00	98 28 4	911 81	0 0 9 0 0	- - 80	—	—	0 3	3 0	7.9	13
	Bannu	009 73	0 00 00	97 02 1	967 97	8 1 3	- - 97	000 77	0 03 00	97 00 0	983 88	0 0 9 0 0	- - - 84	—	—	3.1	—	8.0	12
	D. I. Khan	000 79	3 00 00	96 02 0	968 01	0 0 9 0 5	0 0 0 01	000 79	0 05 02	96 00 0	992 87	0 0 9 0 0	- - - 81	0	- 1	1 1	2 6	2.8	9
	Wana																		11
	Landikotal	000 69	2 13 08	98 02 1	832 86	2 1 6 0 0	- - - 90	000 72	2 00 00	99 02 1	894 81	2 1 6 0 0	- - - 75	—	—	0.6	—	10.1	—
	Hangu	××× ××	6 09 05	97 05 0	— —	0 0 9 2 0	3 × 0 —	××× ××	0 00 00	98 00 6	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	5 37 00	98 08 1	— —	2 8 6 8 1	- - - —	××× ××	4 26 09	98 08 1	— —	1 8 7 2 1	- - - —	—	—		—	—	—
BALUCHISTAN	Fort Sandeman	025 63	8 00 00	95 58 9	908 74	6 5 6 5 0	2 × × 94	029 69	0 00 00	97 05 0	898 73	0 0 9 0 0	2 × × 74	- 1	0	1.1	- 2.5	7.0	15
	Hindubagh	000 60	5 22 13	96 07 1	××× 64	5 2 7 0 0	7 × × 91	000 63	0 23 05	97 00 1	920 75	0 0 9 0 0	- - - 69	—	—	0.1	—	8.5	—
	Loralai	086 71	6 12 02	96 03 9	900 74	6 7 6 0 0	- 91	080 71	1 00 00	96 01 9	919 75	0 0 9 4 0	- - - 65	—	—	1.4		7 8	—
	Harnai (n)	000 ××	6 13 05	95 02 2	— —	4 2 6 2 0	9 0 6 —	000 ××	6 00 00	96 02 6	— —	6 0 7 2 0	9 0 6 —	—	—	1.2	- 3.6	9.5	14
	Sibi	000 66	5 23 00	97 02 1	947 06	3 2 7 4 0	- - - 00	000 78	1 09 00	97 02 5	966 88	3 0 8 4 0	- - - 81	—	—	1.2	—	2.7	5
	Quetta †	000 68	6 11 07	90 02 2	608 89	0 0 9 4 3	- - - 04	000 65	2 18 02	97 30 9	917 75	0 0 9 3 7	- - - 66	—	—	0.4	- 0.5	5.0	9
	Chaman	000 71	0 27 08	97 00 0	861 01	0 0 9 0 0	- - - 02	000 67	0 23 03	97 00 0	899 85	0 0 9 0 0	- - - 76	+ 2	+ 3	0	0 1	6.6	9
	Nushki	000 52	3 27 21	95 08 1	905 08	× 0 8 6 1	9 × × 09	000 56	8 09 15	97 02 2	955 90	0 0 9 0 1	9 9 0 84	—	—	0	—	5 4	—
	Dalbandin *	000 54	7 18 02	94 05 1	858 06	0 0 9 7 0	- - - 02	000 59	8 16 02	94 05 3	806 87	0 0 9 7 -	- - - 83	+ 1	+ 10	0	- 0 3	1.8	4
	Nokkundi	000 65	3 24 00	98 08 1	884 10	0 0 9 0 1	9 0 × 12	000 66	0 34 02	97 05 0	962 89	0 0 9 0 0	- - - 87	—	—	0	—	0.9	3
	Kalat †	000 60	8 22 13	96 02 0	914 74	8 3 4 - -	- - - 92	098 57	0 09 00	98 00 9	938 67	0 0 9 0 0	9 × × 61	+ 2	+ 2	0.6	- 0.4	9.5	7
	Turbat	000 80	8 06 05	94 80 9	008 90	8 7 6 - -	9 0 × 10	000 75	8 00 00	95 02 2	005 87	8 0 6 2 0	9 0 × 82	—		0		1.4	—
	Panjgur *	000 70	8 13 17	97 05 1	878 82	0 0 9 2 0	9 × 6 00	000 68	8 31 02	97 03 1	905 70	0 0 9 2 0	- - - 72	- 2	- 8	0	—	3.2	5
	Las Bela																		8
	Ormara	000 76	8 25 24	94 05 8	978 82	0 0 9 2 0	- - - 87	000 79	7 25 13	94 11 5	997 82	0 6 9 7 0	- - - 80	—	—	0.1	- 0.7	2.8	6
	Pasni	000 77	6 25 10	96 02 1	981 84	0 0 9 1 0	9 × 7 91	000 78	6 22 03	96 02 2	995 81	6 4 5 0 0	9 × × 77	+ 3	0	0 6	- 0.3	4.7	8
	Jiwani																		4
SIND	Rohri	000 95	0 05 05	96 00 1	946 01	0 0 9 0 0	- - - 06	000 88	6 05 05	96 03 1	971 90	0 0 9 5 0	- - - 87	—	—	0.1	—	0.6	—
	Jacobabad	000 75	2 10 05	96 03 1	947 03	2 1 8 0 0	- - - 04	000 78	6 31 02	86 01 1	977 89	0 0 9 2 1	- - - 87	0	+ 3	1 3	- 0.4	1.3	4
	Sukkur	000 87	6 36 02	96 03 1	949 02	0 0 9 8 0	- - 03	000 78	6 02 02	96 02 5	969 88	0 0 9 0 7	- - - 88	—	—	0.5	—	1.0	4
	Pad Idan	000 76	6 00 00	96 03 9	933 01	6 2 6 0 4	- - 04	010 80	6 00 00	98 08 6	978 88	8 5 7 - -	- - - 81	—	—	0 4	—	0.5	—
	Karachi (Manora)	017 78	8 27 05	98 25 8	960 81	0 0 9 2 0	- - - 86	023 79	8 27 05	97 50 8	000 80	8 7 4 - -	- - - 79	+ 1	0	0.9	- 3 7	0 9	8
	Karachi (A. P.)	015 80	7 00 00	96 95 9	960 81	7 3 8 0 9	- - - 96	020 80	8 25 10	96 51 9	001 81	5 6 4 7 -	- - - 79	—	—	1.0	—	2.0	.
	Badin	000 83	7 22 05	97 20 2	960 98	7 6 7 0 0	- - - 98							+ 4					8
	Nagarparkar																		
	Chhor (Umerkot)	040 83	7 20 05	97 00 2	952 84	× 2 × 4 0	- - - 02	040 81	9 20 00	97 02 1	932 82	× 7 0 2 0	- - - 81	—	—	2.1	—	2.1	—
	Hyderabad	000 79	8 13 10	97 29 9	958 80	8 7 4 - -	4 × × 06	045 81	8 13 03	96 03 9	985 82	4 7 4 7 0	- - - 82	+ 10	+ 3	0.9	- 3.4	1.1	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul							000 83	0 20 03	98 00 0	061 70	0 0 9 0 0	- - - 60	—	—	0	—	9.3	11
	Jalalabad	000 76	2 09 04	97 01 1	082 97	0 0 9 7 0	8 × 9 80	000 77	2 00 00	97 01 1	955 89	0 0 9 7 0	3 × 9 82	—	—	0 5	—	6.9	—
	Kandahar	000 71	0 00 00	96 05 4	811 98	9 - 0 - -	- - - 04	000 70	0 00 00	94 05 4	854 78	9 - 0 - -	- - - 69	—	—	0	—	10.3	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY THE 10TH AUGUST, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_g T_d$	N dd	VVww W	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 $T_g T_d$	N dd ff	VVwwW	PPP,TT	$N_h C_L h C_M C_H$	$W_1 D_s D_M T_x T_n$	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Maabed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
Arabia	Muscat	000 81	7 18 05	96 02 2	973 88	6 0 9 2 0	- - - 06	000 79	2 13 02	97 00 0	980 87	0 0 9 0 2	- - - xx	+ 3	...	0	- 0.1	3.3	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 34 16	93 07 0	968 00	8 9 9 0 1	- - - 01	-	-	-	-	-	-	-	-	-	-	-	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 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	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cedarpool	58 083	691 00	1 28 09	98 02 0	089 86	11 5 00	-	-	-	-
Mohammedi	58 077	756 06	1 29 13	97 02 0	111 85	00 9 02	-	-	-	-
Warla	58 226	673 06	8 25 12	97 02 2	018 82	84 4 80	7 4 115	8 6 488	0 01 78	1 28 82
Jajalashm	58 096	760 06	8 29 05	99 02 0	078 85	00 9 01	7 8 300	8 3 188	9 04 77	-
Bengkalis	58 089	580 12	2 21 17	96 02 0	084 82	81 6 00	6 4 801	-	0 03 78	1 26 48
Jajalash	58 106	756 12	1 30 05	99 02 0	061 85	71 6 00	7 8 310	8 1 280	0 01 76	-
Tarakam	58 018	613 13	5 19 10	98 04 1	088 82	82 4 80	6 5 607	-	0 99 74	1 20 82
Brokeley	58 110	748 12	2 27 09	98 25 0	084 81	83 x 00	3 4 xxx	-	0 00 75	1 25 82
Ikauna	58 143	794 18	8 22 18	97 02 8	084 81	-	-	-	-	-
Bengkalis	58 053	571 18	1 31 17	98 02 0	100 81	11 5 00	6 4 315	-	0 01 78	1 25 43
Dwarka	58 109	718 18	2 25 18	98 01 1	043 82	27 2 00	3 5 712	-	0 02 77	-
Pasteur	58 116	690 00	6 20 20	97 00 2	025 74	8x x xx	3 8 515	-	0 52 71	1 20 11
BAY OF BENGAL										
Laddry	52 059	949 12	3 15 29	98 01 0	032 81	22 6 27	2 6 411	-	0 52 78	1 19 87

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION | TEMP | CODE :— iiiGG | PoPoPoToTo | TdoTdoTxoXtX2 | PtPththt | 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 ...	789 25	995 27	283 60	854 66	252 13	700 18	141 15	509 29	509 94	302 01	729 91	555 85	809 00	252 38	643 90	211 76	446 09	090 56	494 00	619 94	823 59	869 93	689 50	829 97	103 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 ††										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
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	18 07	14 07	14 10	14 07	...	...	...	...	...	...	...	...	...	...	...	...	...	18 07	13 05	18 10	...	...	...	...	...
Dhhor	09 10	09 10	08 14	08 18	07 23	06 28	06 28	-	...	...	...	...	...	...	...	...	...	23 14	20 15	...	...	...	...	...	...
Chittagong	22 07	21 05	14 05	19 05	10 06	13 11	...	...	...	...	18 12	19 09	22 07	18 06	18 04	...	...	10 08	09 02	11 03	13 04	10 05	...	...	...
Cox's Bazar	21 07	20 09	13 07	09 08	08 08	10 10	07 09	06 09	...	...	20 07	17 09	...	...	...	...	...	02 05	01 03	04 02	13 04	07 05	09 04	06 09	...
Dacca	13 09	13 03	13 07	12 10	13 14	13 13	...	...	...	...	...	...	...	...	...	...	...	10 06	...	...	...	...	...	...	...
Dalbandin	...	...	18 06	15 13	20 08	04 09	04 15	...	...	...	...	...	...	...	...	...	...	...	...	28 03	21 11	23 11	26 00	03 08	19 18
Drosr	...	...	...	...	22 08	19 09	18 06	28 01	25 15	27 19	...	...	...	...	...	...	...	...	...	...	...	23 84	19 06	21 03	27 03
Fort Sandeman	...	...	...	19 09	07 09	02 07	25 08	23 07	...	...	...	...	...	21 06	11 07	26 03	...	...	...	...	05 02	09 01	08 02	25 15	25 19
Jacobabac	06 15	03 13	09 10	10 16	08 27	...	...	...	...	...	25 11	26 03	05 05	03 03	04 06	04 11	23 04	97 07	03 10	06 08	09 10	04 15	...	...	...
Fhelum	16 02	15 05	20 08	25 05	28 03	04 03	...	...	...	...	...	...	...	...	...	...	23 01	15 08	17 03	22 12	26 06	25 06	...	...	...
Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	26 09	16 08	14 11	11 17	07 23	...	...	...	...	...	20 11	20 06	01 04	05 05	06 19	06 21	25 10	06 07	...	...	...	...	...	...	...
Khanpur	01 22	08 18	04 10	06 13	07 23	05 04	...	...	...	...	23 17	06 19	07 15	11 02	12 12	07 06	06 07	08 05	05 05	05 04	04 10	05 13	...	...	21 06
Lahore	09 04	06 12	11 11	11 19	12 17	07 04	04 13	...	...	...	09 15	11 12	14 12	15 11	15 09	17 14	13 08	12 19	...	05 07	15 02	10 04	01 04	21 09	...
Multan	09 06	07 10	07 15	07 16	07 17	...	...	...	...	...	...	...	...	...	...	...	09 00	11 05	04 04	...	...	...	07 03	21 03	...
Peshawar	...	04 09	10 04	17 07	18 03	29 08	21 12	25 15	07 06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	-	-	-	-	28 06	06 02	01 18	-	...	...	...	...	...	...	...	...	...	...	...	-	11 03	23 10	01 18	06 18	...
Bushire	...	-	-	-	-	-	-	-	-	-	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sharjah	...	-	-	-	-	-	-	-	-	-	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Cloud Observation Data (iiiGG Cddv, v_s)

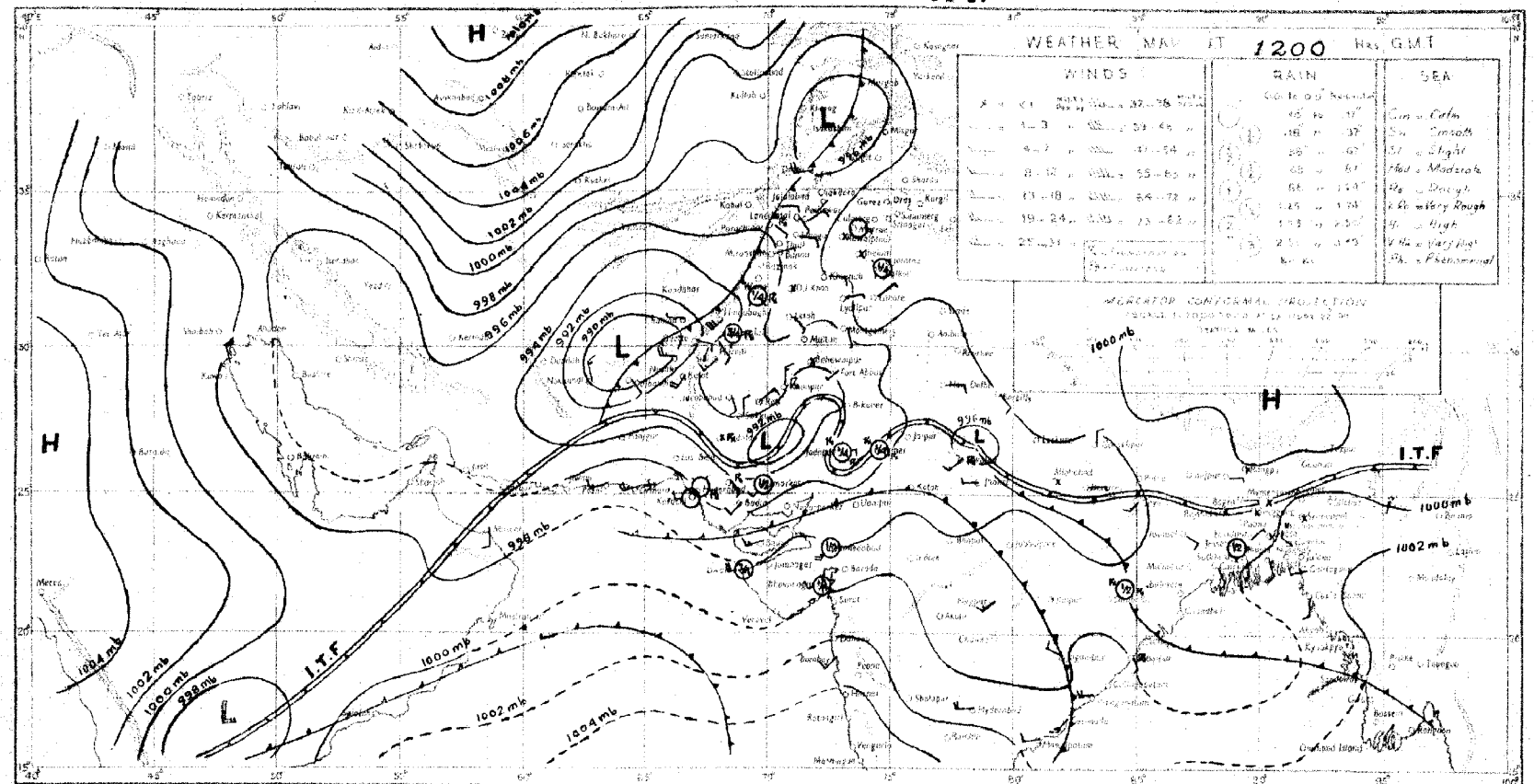
04002 NEP 4140H

* 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 0.5, 0.6, 0.8, 1.5, 2.1, 3.2 4.3 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

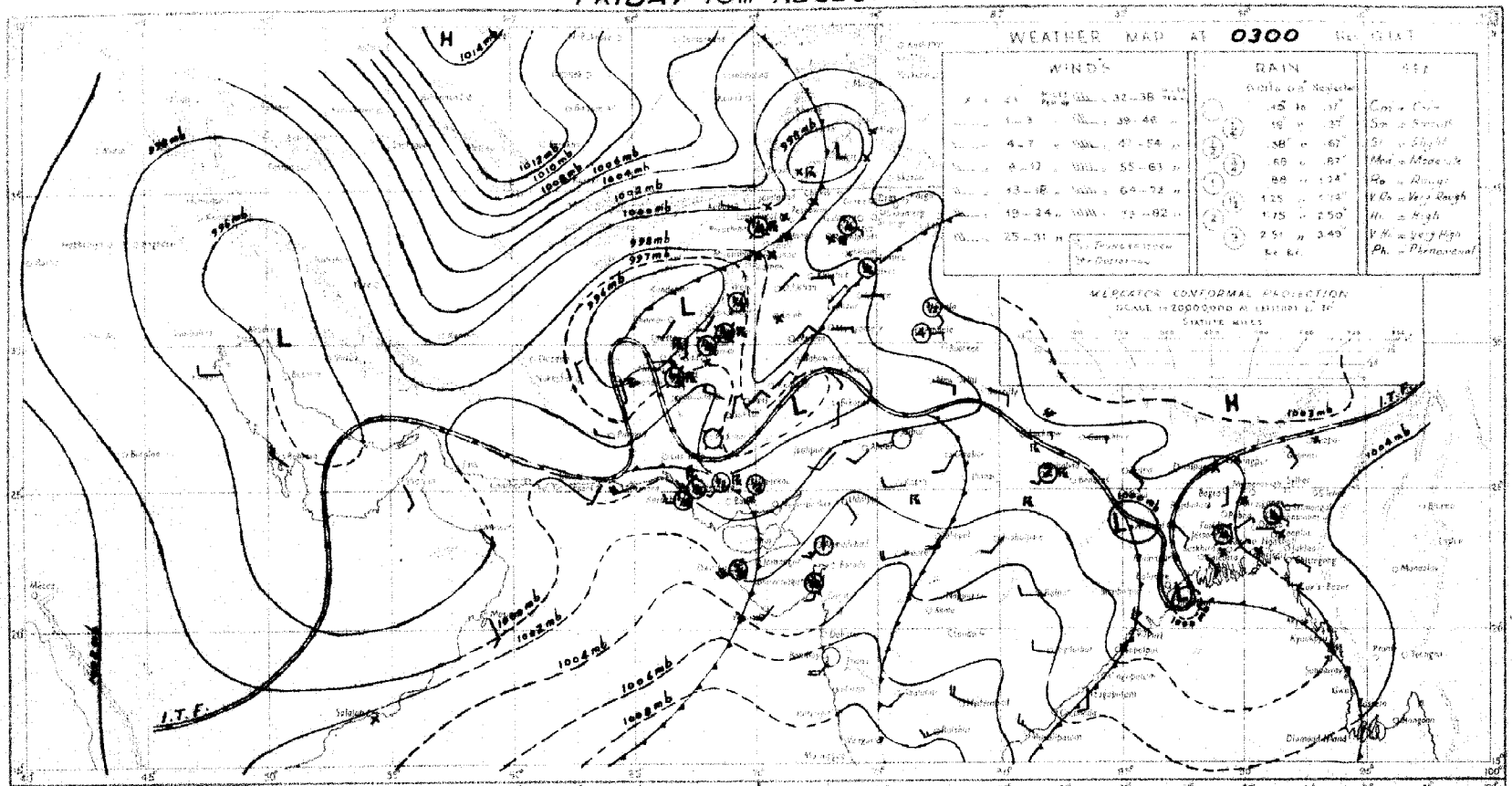
THURSDAY 9th AUGUST 1951

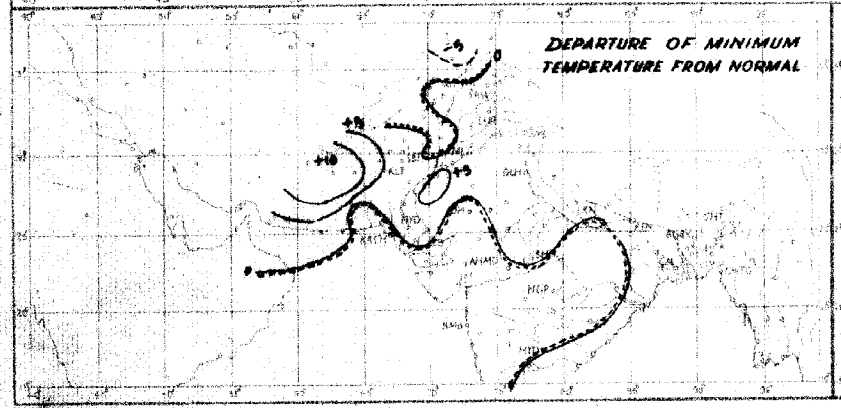


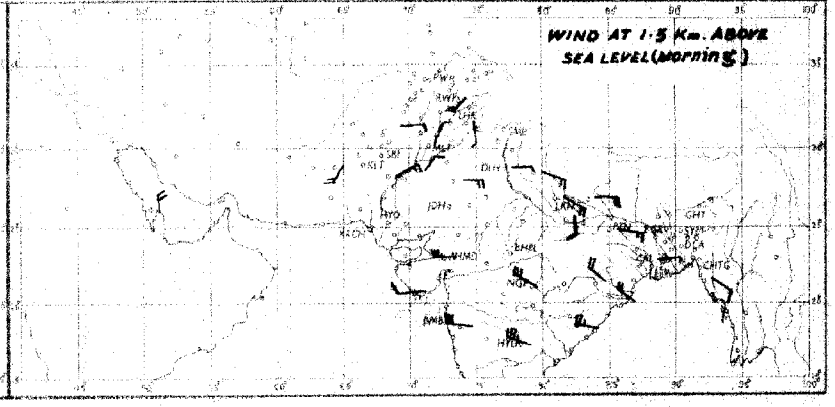
Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

FRIDAY 10th AUGUST 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-1467

FOR SATURDAY, THE 11TH AUGUST, 1951

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

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

Yesterday's low over north Rajputana and adjoining parts of West Pakistan merged into the seasonal low.

The trough of low in the north Bay of Bengal is becoming more marked and is likely to concentrate into a depression in the northwest angle of the head Bay.

Rain/thundershowers have been tairly widespread in East Pakistan, the north Punjab, the North-West Frontier Province. north Baluchistan and Sind and local elsewhere.

Chief amounts of rainfall are :—Comilla 5", Srimangal and Rawalpindi 4" each, Brahmanbaria and Narayanganj 2" each, Reti 1½", Faridpur, Karachi Airport and Sibi 1" each, Murree and Harnai ¾" each, Rangpur, Parachinar, Padidan and Manora ½" each and Chittagong, Mymensingh, Sirajganj, Bogra and Chakdara ¼" each.

Day temperatures were appreciably to markedly above normal in East Pakistan and appreciably above normal in the plains of Punjab.

Forecast valid until the evening of 12th :—Fairly widespread rain/thundershowers will occur in the Deltaic East Pakistan and the Punjab. Local thunderstorms/showers will occur in the North-West Frontier Province, Kashmir, north Baluchistan, upper Sind and elsewhere East Pakistan. A few showers are also expected in lower Sind and duststorms in west Baluchistan.

Karachi-11.
The 11th August, 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	$N_hC_Lh C_M C_H$	$W_tD_LD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_tD_LD_MT_nT_n$	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 77	7 18 03	94 03 9	998 83	4 3 4 2 0	3 × 0 92	000 76	3 10 03	96 01 5	041 88	1 1 7 3 5	9 0 0 78	+ 7	+ 2	56 3	- 20 3	65 9	140
	Chittagong	000 78	7 23 00	96 02 1	991 85	4 8 6 7 0	6 × 9 91	021 77	7 18 02	97 03 6	036 84	4 1 6 7 0	9 × 9 79	+ 6	+ 3	48.4	5.4	78.2	105
	Comilla							513 78	8 05 02	98 01 6	049 79	8 4 7 0 0	5 0 0 77		0	63 1	+22.1	69.7	112
	Brahmanbaria	000 79	2 18 02	97 03 1	012 90	2 4 5 0 0	- - - 90	162 77	8 00 00	97 21 6	046 78	8 0 7 2 -	3 × 0 76	—		32 6	+ 1.5	42.5	94
	Dacca	000 78	7 18 02	98 02 2	979 89	1 2 6 0 8	- - - 98							—					78
	Narayanganj	000 79	8 18 02	95 03 2	940 90	0 0 9 0 7	6 0 × 92	231 80	8 09 02	96 01 6	xx 81	1 2 5 2 -	9 × 0 76	+ 6	- 3	39.6	+ 9.7	56.6	74
	Mymensingh	000 80	5 00 00	99 02 1	976 90	5 4 7 0 0	- - - 94	023 80	8 00 00	96 60 9	053 80	8 6 5 - -	9 × × 79	+ 6	+ 1	37.6	- 1 4	56 5	81
	Srimangal	000 81	7 27 02	97 03 1	982 90	4 8 7 0 1	0 6 × 95	853 75	8 00 00	93 63 9	049 76	8 0 7 2 -	3 × 5 78	+ 5	+ 2	41 7	+ 4.0	68.8	88
	Khulna	000 78	2 13 02	98 00 0	985 91	2 8 8 1 0	- - - xx	000 79	7 09 02	96 02 2	037 85	7 8 7 0 0	- - - 81		+ 3	28 4	- 3.3	36 9	66
	Satkhira	000 79	4 00 00	97 01 1	990 92	4 6 7 0 0	9 0 × 93	000 79	8 00 00	97 03 1	042 85	5 4 6 6 0	4 0 × 80	+ 5	+ 2	17.8	12 0	26 3	66
	Jessore	000 81	3 18 05	97 93 1	980 92	2 1 6 0 0	- - - 95	000 80	8 09 02	96 03 2	030 84	8 8 6 0 0	- - - 77			18.3	10.4	25.4	65
	Faridpur	000 79	7 03 02	96 02 1	961 89	1 4 7 1 0	9 × × 89	122 81	8 02 02	99 02 6	034 82	8 6 6 0 0	7 × × 79	+ 2	0	27.8	- 2 3	34 1	71
	Barisal	000 80	8 13 02	98 03 1	984 89	2 5 6 2 0	- - - 92	009 79	8 11 05	97 03 6	032 84	4 7 5 5 8	7 × × 82	+ 5	+ 4	28.9	7.8	38.6	81
	Pabna																		59
	Rampur Boalia																		54
	Sirajganj							035 80	8 00 00	98 50 5	038 80	8 7 7 - -	2 0 0 80		+ 1	26.7	1 3	36.7	64
	Bogra							026 79	8 18 02	94 95 9	027 80	5 9 4 2 -	- - - 79		+ 1	26 1	4 1	32.9	63
	Dinajpur	000 89	5 00 00	97 01 0	987 94	0 0 9 0 9	2 2 0 95	000 78	2 09 05	97 81 2	053 79	8 4 7 0 0	5 0 0 79	+ 7	0	27 0	6 2	31.1	72
	Rangpur	000 xx	3 00 00	98 02 1	— —	3 1 6 0 0	- - - —	048 xx	5 09 02	96 02 6	— —	8 5 7 0 0	- - - —	—	—	49 2	+11 0	58.8	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 70	4 00 00	96 01 0	947 97	0 0 9 4 0	0 0 7 98	000 74	5 29 04	95 02 0	000 82	0 0 9 0 5	- - - 81	—	+ 1	4.9	- 0.5	9 1	12
	Lahore	000 77	3 13 05	97 01 1	963 95	3 1 6 0 0	9 × × 97	000 81	7 07 05	96 02 1	000 86	2 7 7 4 6	9 6 5 83	- 1	+ 4	8.8	- 0 1	12 9	18
	Sialkot	000 72	4 31 02	97 02 1	947 92	2 5 6 0 4	- - - 93	000 75	8 05 04	97 03 2	024 89	3 5 5 - -	2 9 9 79	- 2	+ 1	7.4	7.0	12 3	22
	Jhelum	000 83	2 09 00	97 01 1	966 91	1 1 7 0 1	8 9 × 95	011 73	8 00 00	97 03 0	012 75	3 7 5 2 -	4 × 9 74		—	11.9		21 3	—
	Rawalpindi	035 75	2 00 00	99 01 9	968 90	2 2 7 0 0	9 × × 91	355 71	7 00 00	98 29 9	030 73	7 9 5 - -	7 × × 69	- 4	- 6	13 2	1 6	28 0	31
	Murree †	030 63	6 00 00	97 02 6	910 70	6 5 5 0 0	9 × × 74	075 63	× xx xx	97 62 9	930 69	7 5 5 0 0	8 × × 61	+ 2	+ 4	14.6	7.6	37.1	59
	Attock	xxx xx	0 13 02	96 00 0	—	0 0 9 0 0	- - - -	xxx xx	4 00 00	97 00 0	—	4 0 6 2 0	- - - —	—	—		—		—
	Khushab	000 76	1 01 05	99 01 1	939 01	1 1 6 0 0	- - - 02	000 76	5 05 07	99 01 1	994 81	5 3 6 0 0	- - - 80	+ 2	- 1	1.7	5 0	7.4	15
	Montgomery	000 70	4 23 03	96 01 1	945 00	4 4 7 0 0	0 × × 01	000 77	7 00 00	96 01 1	983 87	0 0 9 0 2	7 0 × 81	0	- 1	1.7	- 3.4	5.3	10
	Leiah	000 80	2 09 02	97 01 0	936 08	0 0 9 0 3	- - - 08	000 85	3 09 05	97 02 6	996 90	0 0 9 8 3	0 3 - 86	—	—	0.8	—	6.5	8
	Multan	000 71	× 09 05	97 03 0	941 04	0 0 9 7 0	7 9 9 06	000 77	6 18 02	97 01 3	993 87	0 0 9 7 0	9 9 9 83	+ 7	0	1.6	- 1 8	4.6	7
	Khanpur	002 77	8 18 05	94 03 0	935 88	5 4 7 5 0	5 × 9 04	002 81	8 21 87	96 03 1	984 83	6 4 7 4 0	9 × 9 81	+ 1	0	0.3	3 3	1.9	6
	Bahawalpur	000 79	7 23 02	97 03 5	955 87	7 7 7 0 0	4 × 9 05	000 79	7 15 07	97 03 5	985 83	0 0 9 2 0	9 9 0 81	+ 4	0	0.4	3.0	3.5	4
	Fort Abbas	000 67	× 13 09	96 03 1	957 87	0 0 9 5 0	0 × × 06	000 69	× 05 02	96 03 0	964 87	0 0 9 4 0	0 × × 78	—	—	0.3	—	1.2	9
N. W. F. P.	Drosh *	000 62	1 25 16	98 01 1	333 94	1 2 8 0 0	8 × × 96	000 63	8 00 00	98 02 9	891 81	5 5 6 6 0	3 × × 79	+ 2	—	1.0	—	21.2	18
	Chakdara	000 72	0 00 00	99 00 0	042 93	0 0 9 0 0	- - - xx	033 67	0 27 07	98 00 6	018 78	0 0 9 0 0	2 × × 70	—	—	6 2	—	15.5	—
	Cherat *	000 69	1 16 04	98 01 1	895 84	1 1 7 0 0	4 × × xx	007 66	2 60 00	97 03 2	938 69	0 0 9 8 0	3 × 6 66	—	—	2.7	- 3 9	24.7	24
	Peshawar																		14
	Parachinar	000 56	7 05 02	96 02 9	897 78	2 2 6 6 0	5 × 7 84	052 67	6 06 00	97 02 9	024 83	3 3 6 6 0	8 × 9 87	- 1	—	7 6	—	26 4	29
	Miranshah	000 69	7 11 03	98 07 2	379 02	7 2 6 3 5	- - - 96	000 72	8 11 03	96 12 2	908 76	3 5 6 6 3	- - - 75	—	—	0.2	3 1	7.9	13
	Bannu	000 72	7 13 07	98 03 1	020 09	7 5 3 0 0	- - - 00	000 72	0 08 03	96 05 4	006 81	0 0 9 0 0	- - - 81	—	—	3.1	—	8,0	11
	D. I. Khan	000 75	3 00 00	96 02 0	034 04	0 0 9 0 5	0 0 0 04	000 75	0 05 04	95 05 4	991 85	0 0 9 0 0	0 0 0 81	+ 3	0	1 1	2 6	2.8	6
	Wana																		23
	Landikotal	000 65	0 05 03	98 00 1	865 88	0 0 9 0 0	- - - 89	000 62	4 05 03	99 02 1	810 76	4 7 5 0 0	- - - 72	—	—	0.5	—	10.1	—
	Hangu	xxx xx	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	xxx xx	8 00 00	97 03 6	—	0 0 9 3 0	- - - —	—	—	—	—	—	—
	Thull	xxx xx	7 00 00	98 03 1	—	4 8 7 3 6	- - - —	xxx xx	6 18 08	98 03 1	—	3 8 7 2 1	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 66	6 27 07	97 02 9	012 78	4 7 6 6 0	3 × × 94	000 66	0 00 00	90 00 0	007 78	0 0 9 0 0	0 × × 74	- 1	0	1.1	- 2.5	7.0	15
	Hindubagh	000 59	7 09 12	97 50 1	872 85	7 7 6 0 0	7 × × 96	000 62	5 09 09	97 01 1	914 77	0 0 9 3 1	3 9 0 69	—	—	0.1	—	8.5	—
	Loralai	000 67	4 13 05	96 03 1	854 88	4 6 4 0 0	- - - 88	011 69	5 00 00	97 03 9	905 72	0 0 0 7 0	- - - 69	—	—	1 5		7 9	—
	Harnai (a)	000 xx	3 27 05	96 02 2	—	2 2 6 2 0	9 0 6 —	060 xx	7 23 06	95 02 6	—	3 2 6 2 6	- - - —	—		2.0	- 2.0	10 6	14
	Sibi	000 71	3 00 00	98 03 0	930 06	2 2 7 2 0	- - - 07	098 76	8 31 02	97 02 0	965 82	4 2 7 4 0	- - - 75	—	—	2,1	—	3.7	5
	Quetta †	000 45	3 31 02	97 01 1	538 94	0 0 9 3 0	- - - 96	000 63	7 00 00	98 03 9	909 78	0 0 9 9 0	- - - 67	—	—	0.4	- 0.6	3.9	8
	Chaman	000 71	0 27 05	97 00 0	871 99	0 0 9 0 0	- - - 01	000 68	6 23 03	97 03 1	891 83	0 0 9 0 7	2 9 × 80	+ 1	+ 6	0	0 1	9.5	8
	Nushki	000 60	0 29 09	97 00 1	096 05	0 0 9 0 0	- - - 07	000 65	8 23 09	96 01 3	952 90	0 0 9 0 1	9 0 0 84	—	—	0	—	5 4	—
	Dalbandin *	000 54	0 28 03	94 06 0	865 05	0 0 9 0 0	- - - 07	000 62	2 73 08	94 06 1	889 88	0 0 9 0 4	- - - 84	- 1	+12	0	- 0 2	1.8	4
	Nokkundi	000 65	3 34 13	99 03 0	893 07	0 0 9 0 6	9 0 × 11	000 43	2 34 24	96 02 4	982 84	0 0 9 0 1	9 0 × 80	—	—	0	—	0.9	7
	Kalat †	000 79	0 32 05	97 00 0	982 88	0 0 9 0 0	- - - 89	016 57	0 14 05	97 00 9	926 66	0 0 9 0 0	9 × × 64	- 1	+ 6	0.7	0.3	9.7	7
	Turbat	000 81	8 23 07	96 03 2	xxx 08	0 0 9 2 0	9 0 × 08	000 78	8 00 00	96 02 2	005 85	8 0 7 9 0	9 0 × 33	—		0		1.4	—
	Panjgur *																		9
	Las Bela																		8
	Ormara	000 79	8 23 13	96 03 0	982 79	0 0 9 2 0	- - - 87	029 77	7 25 18	95 01 8	005 81	0 0 0 7 0	- - - 78	—	—	0.3	- 0.4	3.1	6
	Pasni																		9
	Jiwani																		4
SIND	Reti	142 73	8 13 07	98 02 0	970 75	8 0 3 2 0	- - - 06	142 78	8 18 07	96 03 3	999 81	0 0 9 4 0	- - - 76	—	—	1.5	—	2.1	—
	Jacobabad	000 73	7 09 07	97 02 2	947 93	0 0 9 2 1	- - - 03	000 73	7 18 10	98 01 1	989 83	3 2 8 2 0	- - - 79	- 1	- 3	1.3	- 0.5	1.3	4
	Sukkur	002 81	3 27 08	98 17 9	957 84	8 5 3 0 0	- - - 07	002 79	6 16 02	96 03 9	988 80	0 0 0 6 0	- - - 80	—	—	0.5	—	1.0	4
	Pad Idan	000 79	7 13 09	96 03 1	949 94	4 5 7 1 0	- - - 97	048 75	5 27 05	95 01 6	902 79	3 5 1 1 0	- - - 76	—	—	0.8	—	0.9	—
	Karachi (*Manora*)	023 79	3 27 06	98 02 8	980 80	3 7 4 0 0	- - - 82	087 77	8 27 05	93 61 6	005 78	0 0 9 2 0	- - - 77	- 3	- 2	1.5	- 3 1	1 6	6
	Karachi (*A. P.*)	024 80	8 23 07	98 03 9	983 82	8 7 4 - -	- - - 83	094 77	7 25 05	96 50 9	008 78	2 6 4 7 0	- - - 78	—	—	2 9		3.0	—
	Badin	000 78	6 23 07	97 03 3	984 86	8 2 2 0 7	- - - 85	000 77	8 23 05	97 03 2	008 80	8 5 7 0 0	- - - 78	- 7	- 1	7.0	+ 2 2	7.0	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 88	3 20 14	97 00 0	062 88	0 0 9 2 1	- - - 93	000 77	7 25 09	97 06 0	994 81	0 0 9 3 0	- - - 81	—	—	2.1	—	2.1	—
	Hyderabad	015 82	3 20 09	94 97 9	067 84	4 7 4 2 -	1 × × 95	085 79	7 33 08	97 01 1	998 82	0 0 9 4 0	- - - 80	- 1	+ 1	1.7	- 3.7	1.9	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul	000 38	1 02 05	98 00 0	952 91	1 8 8 0 0	- - - 94	000 38	0 29 03	97 00 0	956 05	8 8 8 0 8	- - - 60	—	—	0	—	9.9	12
	Jalalabad	000 74	× 09 04	96 02 1	980 97	0 0 9 7 0	8 × 0 99	000 61	5 13 02	97 03 1	032 81	0 0 9 6 0	4 × 0 81	—	—	0 6	—	6.9	—
	Kandahar	000 73	9 00 03	98 05 4	311 99	9 - 0 - -	- - - 01							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY THE 11TH AUGUST, 1951.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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	PPPiTT	$N_hC_LhO_wC_M$	$W_1D_sD_mT_nT_n$	Departure from Normal T_xT_x	T_nT_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	Charba:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Masheé	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 78	1 09 02	97 00 0	968 84	0 0 9 0 1	- - - 87	000 80	7 18 02	96 01 2	995 87	0 0 9 2 0	- - - 87	- 4	+ 8	0	- 0.1	3.5	4
	Sharjah																		4
	Kuwait	000 ××	0 29 05	96 05 0	944 07	8 9 9 0 0	- - - 09	000 ××	0 00 00	97 00 0	978 94	0 0 9 0 0	- - - 88	---	---	0	---	1.6	1

* Barometer readings reduced to 1 geodynamic Kilometre : 1,350-1,356 feet according to latitude.
† Barometer readings reduced to 5 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 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	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Pasteur ...	68 116	652 00	6 20 30	97 00 2	025 74	61 1 11	3 8 515	---	0 52 71	1 20 11
Ikaina ...	68 124	745 06	5 25 14	98 02 8	084 81	---	---	---	---	---
Mohammedi ...	68 082	705 06	2 28 09	97 02 0	114 85	00 9 01	---	---	---	---
Jalarashmi ...	68 124	747 06	6 30 12	97 01 2	064 78	62 6 00	7 8 800	3 6 835	0 52 75	1 29 22
Pasteur ...	68 098	653 18	0 22 08	97 01 0	070 81	00 9 00	2 8 116	---	0 30 ××	1 23 ××
Benghalis ...	68 068	533 18	1 21 30	99 02 0	099 79	12 5 00	7 4 111	---	0 51 72	1 25 54
Tarakarn ...	68 020	5551 18	3 20 15	99 15 8	110 81	22 2 00	6 5 318	---	0 09 75	1 22 33
Mohammedi ...	68 080	678 18	1 27 09	97 02 0	121 84	×× 5 00	---	---	---	---
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_oP_oP_oT_oT_o$	$T_dT_dT_{xo}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ 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 15	996 26	165 60	854 65	211 97	700 10	141 24	509 21	089 94	555 55	809 00	222 04	668 00	201 72	426 00	099 90	484 05	559 99							

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	12	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Kogra ...	15 07	15 08	16 07	12 07	09 09	11 07	...	---	---	---	21 11	27 09	23 07	---	---	---	---	---	---	---	---	---	---	---
Chhor ...	23 09	21 10	---	---	---	---	---	---	---	---	...	---	---	---	---	---	---	---	---	---	---	---	---	---
Chittagong ...	25 07	26 08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cox's Bazar ...	20 09	19 06	05 02	08 08	10 09	---	---	---	---	---	---	---	---	---	---	---	14 28	15 21	16 25	15 21	16 17	15 06	---	---
Dacca ...	16 08	14 04	11 05	11 09	10 10	---	---	---	---	---	15 19	15 28	15 22	---	---	---	13 21	13 19	15 20	14 22	13 19	15 13	14 18	---
Dalbandin ...	---	---	10 07	10 09	09 08	09 18	07 18	06 14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Drasé ...	---	---	23 05	19 06	18 09	33 06	06 13	10 07	---	---	---	---	23 06	15 08	26 08	27 14	---	---	19 16	19 18	29 03	25 08	03 10	07 13
Fort Sandeman ...	-	---	---	23 06	23 06	30 04	30 02	31 15	---	---	---	---	---	23 06	22 05	16 07	---	---	---	---	17 01	21 28	---	---
Jacobabad ...	---	---	22 01	20 05	09 04	25 08	25 01	26 06	27 05	---	---	---	---	14 06	22 05	19 09	---	---	---	24 05	15 08	17 01	24 14	29 06
Jhelum ...	05 04	03 09	09 13	08 13	06 11	05 11	08 22	---	---	---	24 11	21 08	29 04	24 06	05 04	---	19 05	22 05	20 06	01 05	07 09	12 08	06 27	---
Kalam ...	19 03	18 06	19 07	23 05	24 03	---	---	---	---	---	11 05	14 08	15 14	21 07	---	---	05 11	03 14	01 18	08 09	23 13	29 19	---	---
Kiwani ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Karachi ...	29 20	30 09	02 14	06 16	06 16	07 19	---	---	---	---	28 22	---	---	---	---	---	27 23	27 19	26 09	---	---	---	---	---
Khanpur ...	---	---	---	---	---	---	---	---	---	---	23 15	24 14	22 11	15 06	16 20	28 10	16 19	21 04	25 03	06 06	05 08	---	---	---
Lahore ...	12 04	11 07	12 09	12 03	21 02	---	---	---	---	---	13 11	04 16	16 15	14 07	27 02	29 05	14 03	30 05	19 04	28 01	13 04	---	---	---
Multan ...	05 03	08 05	07 08	07 07	09 10	05 05	---	---	---	---	23 12	23 18	20 15	17 08	10 05	07 07	13 18	10 07	07 03	07 04	08 08	27 06	25 05	14 05
Peshawar ...	---	05 06	10 04	18 12	19 17	24 09	25 06	28 19	25 25	---	---	03 21	07 15	05 07	06 05	---	---	---	---	---	---	---	---	---
Quetta ...	---	---	---	---	25 04	30 01	02 15	32 00	---	---	---	---	---	---	13 21	15 09	---	---	---	---	27 07	30 10	14 18	---
Bushire ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pharian ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Cloud Observation Data (iiiGG Cddv, v,)

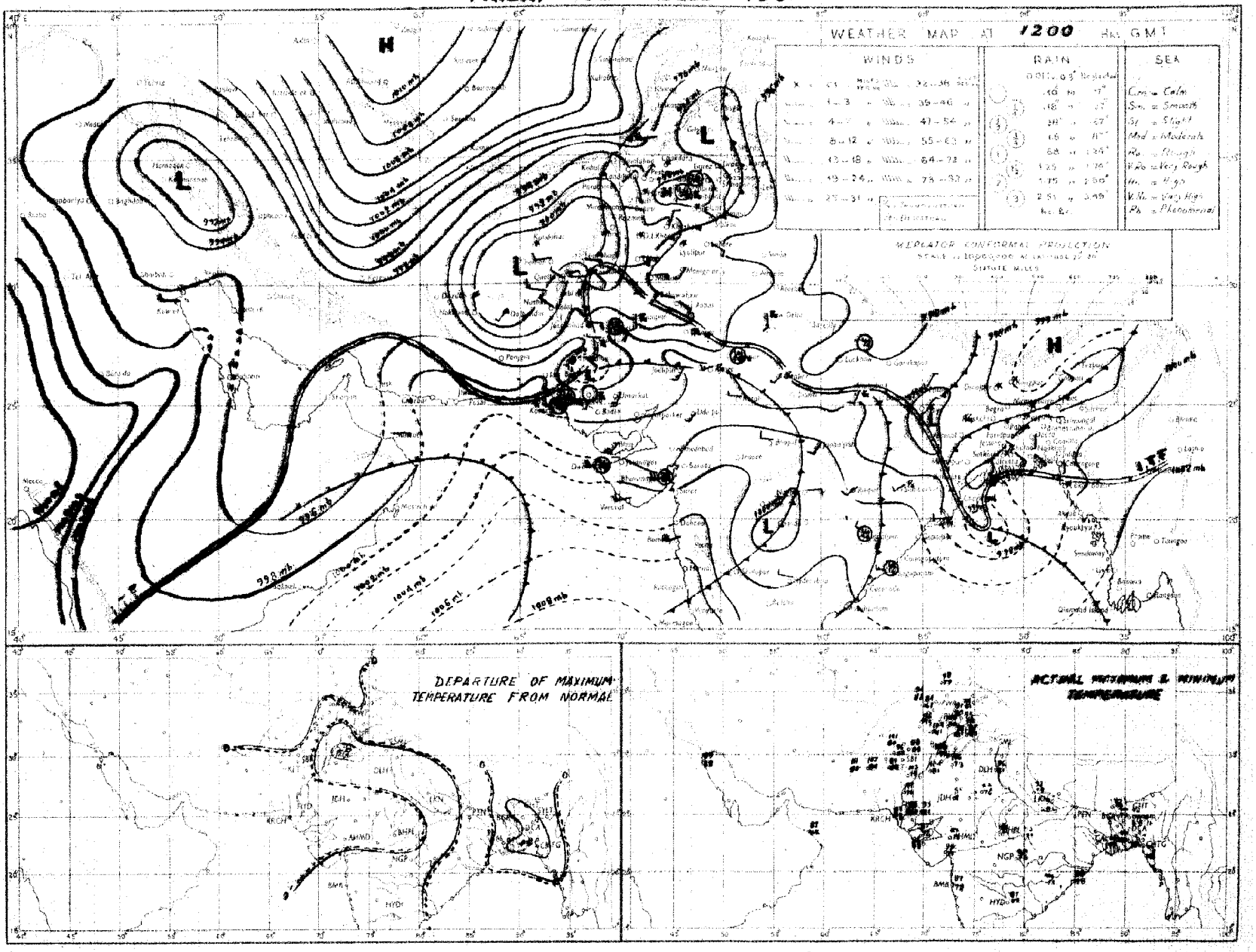
Multan 07502 42118
Lahore 04002 42100

* 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 times.
†† The correct levels to which the upper winds relate are 0.5, 1.0, 0.5, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 kms. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

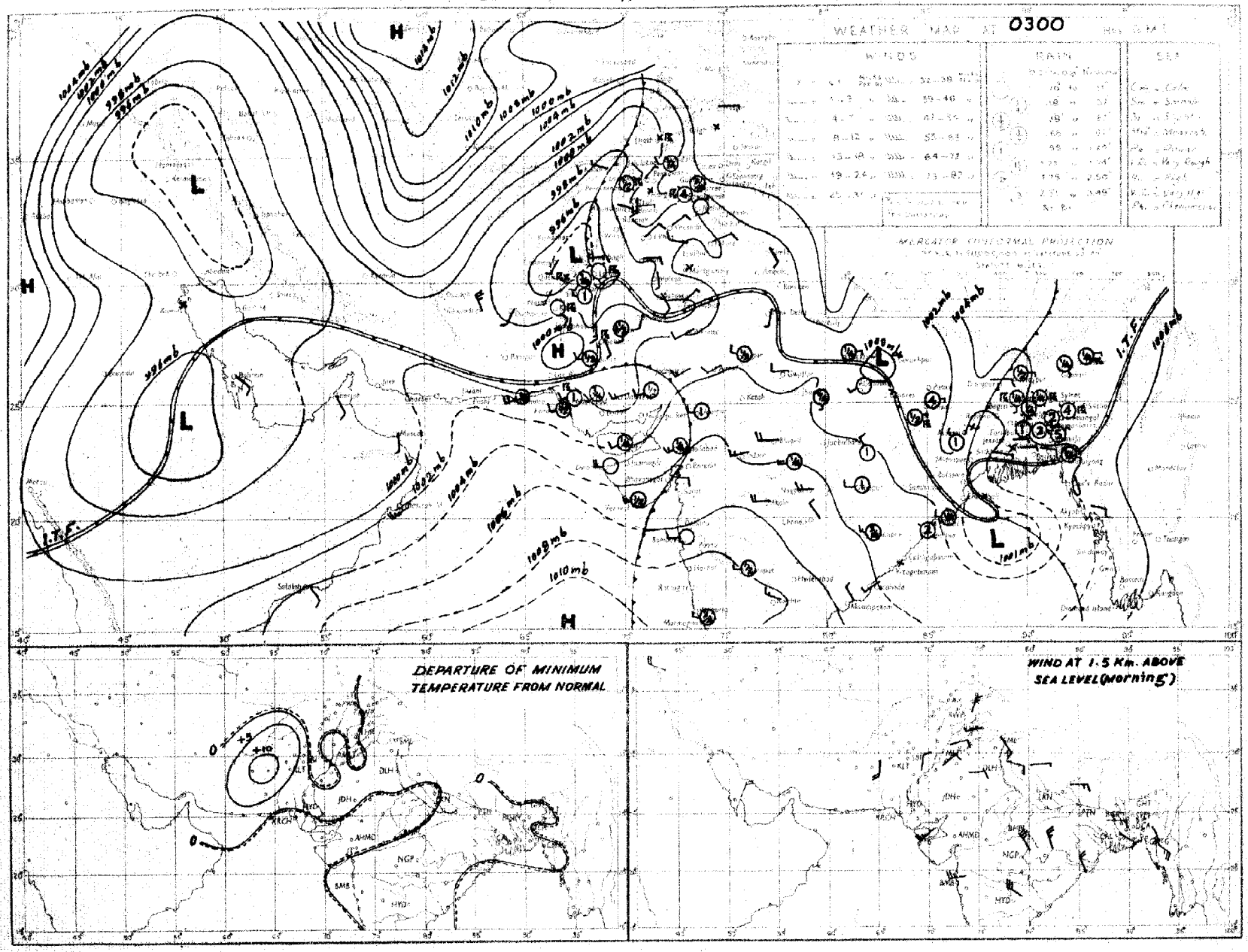
FRIDAY 10th. AUGUST 1951



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 11th AUGUST 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-1467

FOR SUNDAY, THE 12TH AUGUST, 1951

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

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

Observations from India are scanty.
Monsoon trough extends from north Rajputana to head Bay.

The trough in north Bay persists there.

Fairly widespread rain has occurred in East Pakistan and the north Punjab, fairly widespread thunderstorms/showers in the south Punjab and the North-West Frontier Province and local thunderstorms/showers in east Baluchistan. A few duststorms have also been reported from west Baluchistan.

Chief amounts of rainfall are :—Comilla 2", Fort Sandeman 1½", Khulna and Sialkot 1" each, Jessore ¾", Srimangal, Narayanganj, Barisal, Sirajganj, Cherat and Quetta ½" each and Cox's Bazar, Mymensingh, and Loralai ¼" each.

Day temperatures were appreciably to markedly below normal in West Pakistan and appreciably to markedly above normal in the coastal belt of East Pakistan.

Forecast valid until the evening of 13th :—Fairly widespread rain/thundershowers will occur in East Pakistan, the north Punjab, Kashmir and the upper North-West Frontier Province. Local thunderstorms/showers will occur in plains of the Punjab, the lower North-West Frontier Province and upper Sind. A few thunderstorms may also occur in lower Sind.

Karachi-11.
The 12th August, 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	002 65	7 18 03	96 03 8	013 83	3 6 5 4 0	4 × 0 91	027 75	8 16 05	97 81 5	061 85	2 2 7 0 0	9 × × 77	+ 6	+ 1	56 6	- 21.1	66.2	140
	Chittagong	000 79	6 20 09	97 50 1	012 83	4 8 6 2 0	0 × 8 89	000 75	5 × × ×	97 02 5	058 82	3 1 6 9 8	8 9 9 78	+ 4	+ 2	48.4	- 4.2	78.2	106
	Comilla	000 78	4 18 02	98 03 1	012 88	4 4 7 0 0	- - 88	210 77	7 13 05	98 08 1	059 81	7 4 7 0 0	1 0 0 78	+ 1	+ 1	65 2	+28 6	71 8	118
	Brahmanbaria	009 79	4 09 02	97 03 1	021 86	2 2 5 1 0	- - 88							—					94
	Dacca	××× 81	7 09 02	97 03 1	007 86	2 4 5 1 0	6 × × 87	××× 78	8 11 09	98 02 6	050 84	7 5 4 2 ×	8 × × 75	—	—		—	—	78
	Narayanganj	000 79	8 16 02	95 07 2	011 86	2 4 5 2	9 0 0 93	242 78	8 16 03	95 03 6	050 85	8 5 5	- - - 75	+ 6	- 4	40.1	+ 9 6	59.0	74
	Mymensingh	020 79	5 09 00	99 02 8	016 83	5 4 7 0 0	- × × 86	020 67	5 09 02	99 02 3	066 84	5 4 7 0 0	- - - 79	- 2	+ 1	37.8	- 1 7	56.7	91
	Srimangal	022 79	7 36 02	97 02 6	020 83	4 8 6 0 8	6 5 × 87	055 79	7 00 00	97 02 6	069 80	4 8 7 3 2	5 6 5 76	- 3	0	42 2	+ 3.9	69.8	91
	Khulna	090 79	5 13 02	96 02 6	009 85	5 4 7 2 0	- - - 90	109 79	6 13 08	96 02 1	042 86	6 8 6 0 0	- - - 79	+ 3	+ 1	29 5	2 7	38 0	68
	Satkhira	000 81	8 ×× ××	97 02 5	003 87	6 4 6 0 0	8 0 × 90							+ 2					85
	Jessore	010 79	7 13 05	96 08 6	006 85	7 1 6 0 0	6 × × 91							—					65
	Faridpur	000 79	8 13 03	96 02 2	008 85	6 4 6 1 0	8 × × 85							- 2					71
	Barisal	007 78	8 16 03	98 01 6	006 86	4 4 6 2 8	8 0 × 89	047 80	7 13 03	98 03 6	046 82	4 7 6 0 0	7 × × 79	+ 2	+ 1	29.4	7 8	39.1	81
	Pabna																		80
	Rampur Boalia																		56
	Sirajganj	000 78	8 06 00	98 02 2	008 84	0 0 9 0 0	- - - 86	058 80	8 13 05	98 01 6	038 88	4 5 7 0 0	2 0 0 76	- 1	- 8	27.2	1 1	37 2	64
	Bogra	005 77	6 09 02	96 02 6	011 82	5 7 5 0 6	- - - 85	005 77	6 09 03	96 02 9	052 85	2 2 6 3 0	- - - 78	- 3	0	26 2	4 5	32.9	69
	Dinajpur	010 78	4 00 00	97 02 6	018 84	9 0 9 2 0	9 0 0 85	010 77	3 00 00	97 01 2	062 87	0 0 9 1 7	4 0 0 75	- 4	- 4	27 0	6.5	33.0	72
	Rangpur	010 ××	6 09 02	97 02 6	— —	2 8 7 2 1	5 0 0 —	××× ××	2 00 00	92 02 1	— —	2 1 8 0 0	- - - —	—	—	49 3	+ 11.6	58.0	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 76	6 11 04	96 02 0	970 88	6 2 8 0 0	- - - 95	000 77	6 00 00	96 02 0	018 81	0 0 0 7 0	0 0 2 79	- 3	- 6	4.0	- 0 6	9 1	12
	Lahore	000 68	8 09 05	97 03 6	973 92	4 3 6 7 -	6 × 9 94	000 77	8 13 08	96 08 2	034 81	0 5 6 5	9 × 9 80	- 4	+ 1	8.8	- 0 3	12.9	19
	Sialkot	077 75	4 13 02	98 01 6	974 88	1 4 6 0 3	- - - 88	002 79	5 13 02	98 03 1	035 85	2 2 6 6 4	- - 74	- 6	+ 4	8.8	6 4	18.2	32
	Jhelum	000 81	2 22 02	98 02 1	947 91	1 1 7 0 1	9 0 × 92	000 78	8 12 02	97 02 1	019 87	0 0 9 2 1	4 × 9 74		—	11.9		21.3	—
	Rawalpindi	000 72	2 00 00	99 01 1	975 89	2 2 7 0 0	- - 90	000 78	4 00 00	99 02 2	021 88	4 2 7 0 0	7 × × 69	4	- 2	12.2	1 9	28.0	36
	Murree †	000 63	6 00 00	96 02 4	906 66	6 7 4 0 0	4 × × 73	000 59	5 11 05	98 02 1	945 68	2 1 4 8 0	9 × × 61	+ 2	+ 2	14.6	8.3	37.1	58
	Attock	××× ××	0 13 09	98 00 6	— —	0 0 9 0 0	- - - -	××× ××	8 13 09	96 62 5	— —	8 0 6 2 0	7 0 9 —	—	—	—	—		—
	Khushab	000 75	2 11 05	99 01 1	970 96	1 8 8 × 4	- - - 99	000 77	1 11 05	98 01 1	013 88	0 0 9 0 4	- - - 80	- 1	- 1	1.7	5 1	7.4	15
	Montgomery	001 74	8 23 05	96 17 9	076 78	8 9 6 - -	3 × × 98	070 78	7 13 03	96 02 2	021 81	0 0 9 7 0	9 × 0 76	- 3	- 7	2 4	2 9	6.1	16
	Leiah	008 84	4 20 05	97 51 2	065 87	0 0 9 4 0	4 × × 02	008 78	2 09 02	97 01 5	022 84	0 0 9 0 2	9 × 0 78	—	—	0.9	—	6.6	8
	Multan							010 79	8 18 02	96 03 2	012 80	0 0 9 7 0	9 9 9 75		- 8	1.7	1 8	4.7	7
	Khanpur	000 78	5 29 07	95 05 1	962 96	0 0 9 4 5	8 9 9 93	002 78	7 21 02	96 08 9	016 88	2 4 7 7 0	9 × 9 80	- 5	- 1	0.8	3 3	1.9	6
	Bahawalpur	000 75	3 00 00	97 20 1	982 79	8 7 7 0 0	0 × 0 08	011 75	7 09 00	97 03 9	002 80	0 0 9 2 0	9 × 9 79	- 3	- 3	0 5	2 9	3 6	6
	Fort Abbas	020 63	× 05 03	96 03 5	097 79	0 0 9 5 0	8 × × 90	020 59	0 05 02	96 08 1	117 81	0 0 9 6 0	0 × × 70	—	—	0 5	—	1.4	9
N. W. F. P.	Drosh *	000 61	8 25 10	98 02 9	971 90	6 8 7 0 0	3 × × 98	004 62	8 23 03	97 02 9	950 71	8 5 5 2 -	9 × × 69	—	—	1.0	—	21.3	18
	Chakdara	000 69	0 18 09	99 00 0	954 91	0 0 9 0 0	- - 92	083 71	8 13 03	98 02 8	030 75	8 5 8 0 0	1 × × 78	—	—	6 2	—	15.5	—
	Cherat *	000 64	0 18 09	97 00 0	903 82	0 0 9 0 0	5 × × ××	043 71	6 18 04	90 62 6	947 75	0 0 9 9 0	2 × 9 66	—	—	8.1	3 7	25.2	39
	Peshawar	000 73	5 02 09	97 03 1	961 93				8 34 24	96 61 2	047 72	8 9 6 - -	- - - 72	- 5	- 7	0.6	- 2.3	7.8	14
	Parachinar	002 63	7 13 02	96 03 9	924 71	6 3 7 6 0	6 × × 91	004 62	3 00 00	98 02 9	943 71	2 2 6 0 0	9 × × 66	—	—	7 7	—	25 6	29
	Miranshah	000 79	7 11 06	97 03 2	892 87	0 0 9 0 0	- - - 92	000 71	0 00 00	99 00 0	923 80	0 0 9 0 0	- - - 71	—	—	0 3	3 1	7.9	18
	Bannu	000 71	0 13 02	99 09 0	973 92	0 0 9 0 0	5 × × ××	043 71	0 00 00	99 00 0	016 86	0 0 9 0 0	- - - 88	—	—	3.1	—	8.0	11
	D. I. Khan	000 75	8 02 02	96 02 1	976 91	4 9 7 2 1	- - - 08	001 70	0 05 05	95 06 4	991 85	0 0 9 0 0	0 0 0 61	- 6	6	1 1	2.7	2.9	9
	Wana					2 2 6 6 0	5 × 8 81	014 02											11
	Landikotal	000 68	5 13 02	98 02 1	876 84	7 4 6 2 5	- - - 88	006 67	8 13 02	99 20 9	942 76	8 7 5 0 0	- - - 68	—	—	1.8	—	11.4	—
	Hangu	××× ××	6 00 00	97 01 1	— —	0 0 9 0 0	- - - 93	000 72	0 00 00	97 00 1	— —	0 0 9 0 0	- - - 78	—	—	—	—	—	—
	Thull	××× ××	5 36 09	98 03 1	— —	0 0 9 0 0	- - - 94	009 65	0 36 09	99 00 9	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	154 65	7 00 00	99 01 6	914 77	8 7 7 6 0	4 0 0 94	154 66	0 00 00	99 00 0	908 75	0 0 9 0 0	0 × × 89	- 5	- 5	1.6	- 1.1	7.5	11
	Hindubagh	007 62	5 09 09	98 20 2	888 80	5 9 5 0 0	7 × × 92	007 61	2 23 05	98 08 1	925 72	0 0 9 0 2	2 6 × 62	—	—	0.2	—	8.5	—
	Loralai	000 68	8 23 05	96 03 2	898 78	8 7 4 - -	- - - 88	029 69	6 00 00	97 02 9	918 72	6 3 6 0 0	- - 66	—	—	1 7		8 1	—
	Harnai (a)	000 ××	7 09 09	95 02 2	— —	5 8 6 2 0	9 × × —	000 ××	6 05 02	96 02 2	— —	× 0 7 2 5	9 6 6 —			2.0	8.0	10 6	14
	Sibi	000 71	6 13 03	97 02 1	063 98	4 2 7 4 0	- - - ××	039 79	3 00 00	97 02 1	900 85	2 2 7 4 0	- - - 81	—	—	2.1	—	3.7	5
	Quetta †	085 72	8 11 03	97 65 2	697 73	2 9 6 2 0	- - - 92	000 64	8 14 03	97 10 6	926 72	0 0 9 0 1	- - - 65			0.8	- 0.1	9.3	9
	Chaman	009 78	0 23 05	97 00 0	860 79	0 0 9 0 0	- - - 98	000 58	0 23 05	97 00 0	921 77	0 0 9 0 0	- - - 73	- 1	- 1	0	0 1	9.6	8
	Nushki	000 71	9 22 17	95 05 4	916 02	9 - 0	9 × × 02	000 43	9 14 14	95 05 4	975 83	9 - 0 - -	9 × × 81		—	0	—	5 4	4
	Dalbandin *	000 41	3 27 08	94 05 1	877 03	0 0 9 0 4	- - - 95	000 43	0 75 08	94 05 1	924 85	0 0 9 0 0	- - 80	12	+ 8	0	0 3	1.8	4
	Nokkundi	000 61	0 84 22	96 07 4	924 01	0 0 0 0 0	9 × × 02	000 40	2 84 18	98 05 1	908 84	0 0 9 0 1	9 0 × 79	—	—	0	—	0.9	9
	Kalat †	000 65	8 18 09	96 17 0	919 74	8 3 2 0 0	- - - 88	000 58	0 09 02	96 00 0	943 68	0 0 9 0 0	- - - 68	- 3	+ 5	0.7	0 3	9.7	7
	Turbat	000 78	8 16 03	96 02 2	010 95	8 0 7 9 0	9 0 × 97	000 75	5 ×× 00	96 02 2	053 89	5 0 8 2 0	9 0 × 80	—		0		1.4	—
	Panjgur *	000 44	7 05 02	97 03 1	894 95	0 0 9 0 6	9 4 × 96	000 54	0 00 00	97 00 1	925 78	0 0 9 0 0	- - - 71	- 4	- 3	0	—	3.2	3
	Las Bela																		8
	Ormara	000 78	6 25 12	95 08 1	994 78	1 5 6 7 0	- - - 83	000 77	6 25 05	95 03 1	039 81	2 5 6 2 0	- - - 79	—	—	0.3	- 0.4	3.1	8
	Pasni																		8
	Jiwani																		4
SIND	Reti	000 77	6 27 05	96 08 1	076 94	0 0 9 4 0	- - - 94	000 79	5 18 05	96 08 1	027 89	0 0 9 5 0	2 × 4 82	—		1.5	—	2.1	—
	Jacobabad	000 77	8 16 08	97 02 2	077 90	4 5 8 2 0	- - - 90	000 79	8 16 07	96 08 2	012 87	9 0 9 5 6	- - - 82	- 14	+ 1	1.3	0.5	1.3	4
	Sukkur	000 81	6 00 00	96 03 2	072 92	2 2 8 7 0	- - - 92	000 79	6 16 03	96 02 2	011 84	0 0 9 0 0	- - - 81	—	—	0.5	—	1.9	4
	Pad Idan	000 77	5 00 00	98 03 1	072 94	2 3 7 0 8	- - - 94	000 79	4 15 05	95 01 1	015 89	0 0 9 0 3	- - - 79	—	—	0.8	—	0.8	—
	Karachi (*Manora*)	000 79	2 27 09	98 01 5	998 82	0 0 9 1 0	- - - 84	000 79	8 25 00	96 02 2	036 80	0 0 9 7 0	- - - 78	- 1	- 1	1.5	- 2 1	1 6	8
	Karachi (*A. P.*)	000 81	6 25 12	96 02 5	999 84	6 6 4 3 1	- - - 87	000 79	9 27 09	97 02 1	037 81	8 6 4 6 -	- - - 78	—	—	2.9		3.0	—
	Badin	000 78	5 00 00	97 08 2	992 88	8 5 7 0 0	- - - 90	000 71	6 22 02	97 08 1	026 82	0 0 9 0 7	- - - 79	- 2	0	7.0	+ 2 1	7.0	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 77	7 23 10	97 00 0	982 90	0 0 9 3 2	- - - 92	000 77	6 20 10	97 03 0	007 88	0 0 9 4 0	- - - 86	—	—	2.1	—	2.1	—
	Hyderabad	000 76	2 23 05	97 01 0	977 92	0 0 9 4 0	- - - 94	000 76	7 23 05	96 01 1	022 86	0 0 9 0 0	- - - 80	- 1	+ 1	1.7	- 2.7	1.9	7
JUNAGADH	Veraval																		29
AFGHANISTAN	Kabul	000 37	5 11 08	97 02 1	027 89	1 8 8 2 0	- - - 92	062 57	1 16 02	98 01 0	969 70	1 2 3 0 0	7 0 0 62	—	—	0	—	9.9	12
	Jalalabad	000 77	2 09 02	96 01 1	962 93	0 0 9 7 0	4 × 9 97	000 72	8 12 04	96 02 5	998 72	8 5 6 - -	4 × × 72	—	—	0 5	—	6.9	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY THE 12TH AUGUST, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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	$N_h C_L hC_M C_H$	$W_1D_SD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st 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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Arabia	Muscat	000 88	0 99 02	97 00 0	981 87	0 0 9 0 0	- - - .89	000 88	5 12 02	96 01 1	011 87	0 0 9 2 0	- - - xx	- 1	...	3	- 0.1	3.3	4
	Sharjah	000 xx	0 13 02	96 00 0	965 05	0 0 9 0 0	- - - 08	000 xx	0 00 00	97 00 0	999 90	0 0 9 0 0	- - - 89	...	...	0	...	71.5	4
	Kuwait																		5

* Barometer readings reduced to 1 geodynamic Kilometre 3,250-3,256 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 (10,040-10, 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 $L_aL_aL_a$	$L_oL_oL_o$ 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 $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Strathoor	73 180	687 00	3 26 20	97 18 2	050 81	81 5 00	6 7 800	...	0 52 74	...
Pasteur	73 090	679 09	1 32 10	98 02 1	006 81	11 1 00	2 8 400	...	0 51 61	1 25 11
Jalarashmi	73 181	735 06	7 27 15	97 03 1	066 84	62 6 68	7 1 200	...	0 03 75	1 23 22
Clan Bradie	73 093	665 06	1 26 14	99 02 0	110 84	00 9 10	6 5 200	8 3 840	0 02 75	1 26 23
Carthage	73 163	813 06	8 21 15	97 02 2	070 80	82 x xx	2 6 300	...	0 03 76	...
Hengkalis	73 086	533 05	8 21 20	98 03 1	108 81	82 4 00	7 4 800	...	0 08 73	1 24 65
Pasteur	73 085	703 06	1 22 08	98 02 0	080 86	10 - 80	2 8 800	...	0 89 xx	1 25 x1
Karanja	73 226	660 06	8 26 20	97 02 6	032 80	65 h xx	6 6 816	...	0 52 76	1 26 26
Pasteur	73 079	728 13	x 25 10	98 02 0	060 82	22 6 52	2 8 800	...	0 51 61	1 27 11
Clan Brado	73 092	652 13	4 25 13	98 03 1	088 83	21 4 05	6 5 010	...	0 01 76	1 26 36
Carthage	73 169	688 12	8 19 20	97 02 2	069 80	81 x 00	2 6 300	...	0 02 73	...
Alavi	73 184	691 15	8 25 24	97 02 2	087 82	84 7 00	2 4 104	...	0 02 81	1 25 84
BAY OF BENGAL										
Fresncity	73 181	886 06	9 24 18	98 02 0	061 82	87 4 xx	7 4 800	...	3 00 81	1 24 28

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1T11 etc:	5555	h1h1P1P1P1	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	788 15	998 26	266 60	854 72	191 67	700 18	110 91	509 24	529 91	302 17	659 91	555 55	819 00	211 87	648 80	171 29	446 00	050 32	504 00	599 91	843 50	529 91	672 50	709 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 (Hdd ff)*

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	15	20	25	30	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	26	27
Bogra	08 07												09 10	12 10	15 14	15 15	...	...	10 18	10 24	10 24	13 3	...	...	...	...
Dhaka	21 19	21 19	22 19	23 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23 17	24 19	22 14	17 10	05 09	02 13	01 11	...
Chittagong	16 12	16 11	16 15	15 24	...	...	...	...	...	...	...	...	14 17	16 20	16 28	...	...	...	14 21	15 22	15 20	17 2	...	...	...	...
Cox's Bazar	14 10	13 16	13 15	14 15	15 12	13 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15 24	16 1	17 24	...	...	...
Dacca	11 08	13 10	14 11	14 10	14 08	...	...	...	...	...	...	...	10 14	11 20	13 23	...	...	...	...	...	...	...	...	...	...	...
Dalbandin	-	...	27 06	25 10	21 09	26 03	24 07	...	...	...	...	...	...	...	25 10	22 02	13 04	21 05	...	...	26 03	24 0	10 09	24 05	23 18	...
Drosr	-	-	...	...	23 17	19 13	...	...	...	...	...	...	...	...	...	21 08	20 05	21 04	...	...	...	...	18 09	...	...	...
Fort Sandeman	...	...	...	15 18	11 07	29 10	...	...	...	...	...	...	...	...	...	12 04	17 03	21 10	...	...	...	25 05	25 03	23 08	20 08	23 12
Peshabar	17 03	23 03	26 04	21 07	18 09	12 10	...	...	...	...	...	...	23 06	28 02	05 01	27 04	20 08	24 09	13 07	13 07	15 05	24 04	26 05	25 07	24 14	...
Shelum	13 18	10 08	10 09	17 02	26 10	23 18	24 15	...	...	...	...	...	07 03	10 05	17 04	22 04	24 03	...	15 01	13 04	13 04	19 10	03 02	25 04	25 07	23 06
Sawani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	27 19	27 15	25 19	-	...	...	...	...	...	...	...	...	27 21	27 19	27 15	05 05	24 04	...	27 21	27 21	25 18	20 08	06 09	...	...	...
Khanour	06 08	11 07	06 04	...	...	...	...	...	...	...	...	...	06 17	08 17	07 11	...	...	...	21 09	28 11	28 05	...	...	...	...	...
Lahore	09 09	06 08	11 18	07 04	04 07	04 07	...	...	...	...	...	...	23 05	04 03	12 01	11 03	28 07	15 06	26 15	16 18	13 10	11 09	09 03	...	...	...
Multar	18 09	16 09	15 11	11 17	06 07	09 06	...	...	...	...	...	...	28 09	20 03	04 06	04 05	24 05	07 10	29 05	29 02	02 04	06 04	03 15	03 15	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	29 06	15 08	16 08	22 09	23 07	...	14 08	08 12	04 19	14 08	24 14	...	...
Quetta	-	-	-	-	25 02	26 11	...	...	...	...	...	...	...	-	...	f...	18 07	26 12	...	...	...	...	...	...	...	...
Bushire	-	-	-	-	-	-	...	...	...	...	...	...	...	...	...	...	...	...	-	-	-	-	...	...	...	...
Shahak	...	-	-	-	-	-	...	...	...	...	...	...	...	...	...	...	...	...	-	-	-	-	-	...	...	...

Cloud Observation Data (iiiGG Cddv. v.)

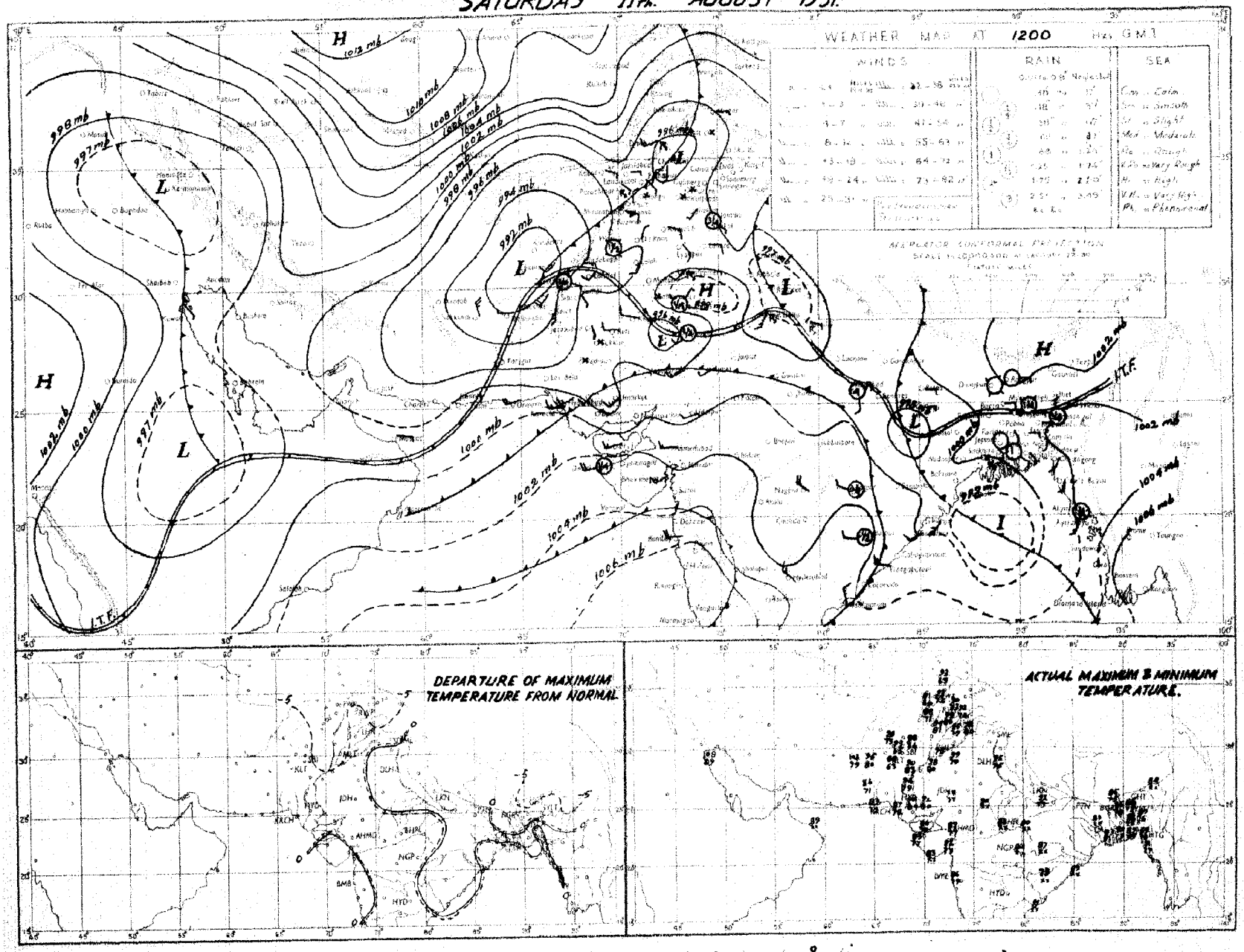
Karachi 78098 49408
Chittagong 71891 40112

* 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 0.5, 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 11th. AUGUST 1951.



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

PAKISTAN DAILY WEATHER MAP
SUNDAY 12th. AUGUST 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-1467

FOR MONDAY, THE 13TH AUGUST, 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 upper Sind to Kumaon hills across Rajputana.

The trough of low in the north Bay of Bengal has moved inland and extends from south Bihar to head Bay.

Rain/thundershowers have been fairly widespread in East Pakistan, the Punjab and local in the North-West Frontier Province. Isolated rain has also been reported from northeast Baluchistan.

Chief amounts of rainfall are :—Sialkot 4", Miranshah 3", Comilla Lyallpur and Fort Sandeman 1" each, Faridpur, Jhelum and Cherat ½" each, and Cox's Bazar, Sathkhira, Rawalpindi and Murree ¼" each.

Day temperatures were markedly to considerably below normal in the plains of Punjab, the upper North-West Frontier Province and north Baluchistan. They were generally appreciably above normal in the Northern and Eastern districts of East Pakistan.

Forecast valid until the evening of 14th :—Fairly widespread rain will occur in East Pakistan and local rain/thundershowers in the Punjab, Kashmir, the upper North-West Frontier Province, upper Sind and northeast Baluchistan. Dustraising winds will also occur in west Baluchistan. There will be low clouds along Sind-Mekran coast.

Karachi-11.
The 13th August, 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$_s$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	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	7 18 02	94 03 5	045 82	4 6 4 3 0	4 × 0 90	016 79	6 18 02	96 58 5	065 86	5 2 5 3 0	9 × 0 79	+ 5	+ 2	56.7	- 22 0	66.4	140
	Chittagong	002 77	6 20 09	97 02 6	032 84	6 8 6 0 0	3 × × 89	011 77	6 16 02	97 02 6	059 82	4 2 6 7 9	9 9 9 79	+ 4	+ 2	48.5	- 4.9	78.3	105
	Comilla	000 79	2 13 00	98 03 1	025 87	2 2 7 0 1	- - - 87	004 80	5 13 05	98 01 6	066 81	2 2 7 0 2	6 0 0 78	0	+ 1	66 2	+24 0	72.7	118
	Brahmanbaria	000 79	4 16 02	97 08 1	018 86	4 4 5 0 0	- - 88	000 78	6 13 02	97 08 1	058 84	6 5 5 0 0	- - - 81	—	—	32.6	+ 0.4	42.5	94
	Dacca	xxx 79	7 13 00	97 02 9	019 85	6 8 4 4 0	0 × × 89	xxx 80	8 18 02	95 51 2	045 83	8 3 4 - -	2 × × 80	—	—	—		—	76
	Narayanganj	000 79	6 16 03	95 03 2	019 87	2 4 5 0 8	9 0 × 89	010 75	8 16 03	95 20 1	042 85	8 4 5 - -	3 × × 81	+ 2	+ 2	40.1	+ 9 3	50.1	74
	Mymensingh	000 80	8 02 00	99 02 2	022 88	8 8 6 0 0	- - - 93	000 78	8 00 09	95 02 5	955 84	8 6 6 - -	6 × × 81	- 5	+ 2	37.8	- 2 4	56.7	91
	Srimangal	012 79	5 18 02	97 03 9	020 85	2 8 6 0 2	8 6 × 92	012 78	6 09 02	97 02 6	055 86	4 8 7 0 1	9 6 × 79	- 2	+ 3	42 3	+ 4.1	69.4	99
	Khulna	010 78	5 13 06	96 02 5	018 82	5 4 7 0 0	- - - 88							+ 1					63
	Satkhira	022 70	6 00 00	97 08 6	016 83	4 9 7 6 0	3 0 × 87	022 82	× xx xx	97 02 6	043 83	4 4 6 6 0	6 0 × 79	- 1	+ 1	18.0	12 5	26 5	65
	Jessore	007 79	7 13 06	96 02 6	012 84	1 2 6 0 0	6 × × 90	007 81	7 16 06	96 02 2	037 85	7 8 6 0 0	- - - 79	—	—	18 0	11.1	25.6	65
	Faridpur	011 79	6 13 09	96 02 6	017 85	5 4 6 1 0	6 × × 85	040 80	8 11 09	27 02 6	041 84	6 4 6 1 0	9 × × 79	- 2	0	27.8	- 5 0	34 5	71
	Barisal	012 80	8 16 05	98 02 6	020 84	5 4 5 2 8	8 × × 88	012 79	71 8 05	97 03 2	050 85	4 4 6 5 8	- - - 81	+ 1	+ 3	29.5	8 2	39 2	81
	Pabna																		59
	Rampur Boalia	000 79	4 13 02	98 01 1	008 85	4 7 9 0 0	- - - 89	000 81	8 13 08	98 02 2	038 85	8 4 7 - -	- - - 83	+ 2	+ 3	27.2	- 1 4	37.2	56
	Sirajganj	000 78	4 13 02	96 01 6	014 89	1 1 8 0 1	- - - 91	000 79	7 18 03	95 51 6	042 85	6 8 5 0 1	- - - 82	+ 3	+ 4	26.2	- 4 0	33.0	64
	Bogra	000 79	5 13 02	97 01 1	029 89	0 0 9 4 9	9 2 2 93	000 80	6 00 00	97 02 2	053 84	2 4 7 4 0	4 0 0 80	+ 4	+ 1	27 0	- 6.0	31.2	69
	Dinajpur	000 xx	4 09 02	96 02 1	— —	4 5 8 0 0	- - - —	000 xx	7 09 02	96 02 1	— —	7 5 8 0 0	- - - —	—	—	49 3	-10.2	58.9	72
	Rangpur																		84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	004 74	6 31 09	96 99 6	023 78	6 5 8 0 0	1 0 0 41	094 77	7 00 00	95 50 9	032 78	2 5 8 0 0	0 0 0 74	- 7	- 6	5.8	+ 0 2	10.0	13
	Lahore	000 72	4 13 02	96 50 6	014 87	4 3 6 4 3	1 9 9 90	004 77	8 11 06	96 20 6	037 79	8 7 5 - -	9 × × 77	- 8	- 2	8.8	- 0 4	12.9	19
	Sialkot	000 76	8 05 10	97 51 9	024 79	8 5 5 - -	3 9 0 89	391 79	6 05 03	97 63 6	024 80	× × × × ×	0 0 0 72	- 6	- 6	12.1	- 2.6	17.1	23
	Jhelum	042 73	8 18 02	96 63 9	036 75	2 7 5 2 -	6 × 0 91	047 75	7 00 00	98 03 6	015 77	2 5 6 2 0	9 9 × 74	—	—	12.4	—	21 8	—
	Rawalpindi	028 72	6 00 00	98 21 9	033 75	6 9 5 0 0	7 0 0 88	028 73	6 00 00	98 02 2	042 75	6 5 6 0 0	2 × × 71	- 11	- 4	12.4	- 2 0	22.3	36
	Murree †	018 54	7 12 05	96 01 9	939 62	7 9 8 0 0	7 × × 70	018 56	6 06 00	97 02 1	948 64	6 0 9 5 0	9 × × 57	- 1	0	14.7	- 8.7	37.8	59
	Attock	xxx xx	0 18 05	98 00 6	— —	0 0 9 0 0	- - - —	xxx xx	4 00 00	98 00 0	— —	0 0 9 8 0	× - - —	—	—	—	—	—	—
	Khushab	015 75	8 05 05	99 02 8	032 77	6 2 6 0 0	5 × × 98	015 73	6 02 06	99 01 1	039 81	6 0 8 3 0	- - - 78	- 2	- 8	1.0	5.6	7.5	16
	Montgomery	009 80	7 23 03	96 17 5	011 84	7 8 8 - -	9 × × 89	009 77	8 23 03	96 03 2	081 76	8 8 6 - -	9 × × 77	-12	- 5	2.5	- 2.8	6.4	10
	Leiah	000 38	4 05 10	94 67 1	001 99	0 0 9 4 0	- - - xx	002 78	3 31 03	97 03 5	030 83	0 0 9 0 3	3 8 8 93	—	—	0.4	—	6.6	8
	Multan	000 77	8 11 02	97 02 8	002 92	0 0 9 7 0	9 9 9 95	000 77	8 36 02	96 02 2	027 81	0 0 9 7 0	9 9 9 78	- 4	- 4	1.7	- 1 8	4.7	7
	Khanpur	000 79	8 07 05	96 03 1	989 95	2 2 7 3 0	3 × 9 00	000 79	4 07 07	95 05 9	026 85	0 0 9 4 8	9 9 9 89	- 4	- 1	0.8	- 3 4	1.9	6
	Bahawalpur	000 78	6 00 00	97 01 1	998 91	0 0 9 7 0	9 0 2 08	000 78	7 07 02	87 03 2	030 80	4 1 9 3 0	9 × 8 80	- 9	- 1	0.5	- 3.9	3.6	6
	Fort Abbas	000 68	8 13 02	93 50 9	011 80	0 0 9 8 0	9 × 9 86	000 64	6 05 03	96 03 1	991 60	9 0 9 3 0	9 × 8 71	—	—	0.5	—	1.4	6
N. W. F. P.	Drosh *	000 57	1 35 14	98 91 1	988 86	1 1 9 0 0	8 × × 88	000 54	0 00 00	99 00 1	799 72	0 0 0 9 0	9 × × 70	—	—	1.0	—	21.3	12
	Chakdara	000 78	× 18 09	99 09 0	997 87	0 0 9 0 8	- - - 90	000 72	0 00 00	98 00 0	023 79	0 0 9 0 0	- - - 73	—	—	6 2	—	15.5	—
	Cherat *	038 71	8 18 10	98 03 1	947 73	0 0 9 9 0	5 × 9 xx	038 65	7 18 03	98 52 2	956 71	0 0 9 8 0	3 8 9 63	—	—	3.5	- 3 6	25.8	29
	Peshawar	007 71	8 05 05	98 01 1	011 89	2 3 4 3 1	- - - 91	008 68	0 00 00	96 01 1	039 82	1 1 7 0 0	- - - 71	- 7	- 8	0.5	- 2.3	7.9	14
	Parachinar	000 65	6 18 02	97 02 2	935 78	2 1 7 6 0	5 × 7 81	015 62	0 00 00	99 00 9	846 69	0 0 9 0 0	9 × × 62	—	—	7.9	—	25.7	20
	Miranshah	000 75	4 11 02	98 02 1	022 82	6 2 9 1 5	- - - 91	257 67	0 00 00	99 21 0	980 72	0 0 9 0 0	- - - 96	—	—	2.9	0 5	10.5	13
	Bannu	000 74	0 18 03	97 05 4	003 86	0 0 9 0 0	- - - 94	010 72	0 00 00	99 00 0	085 78	0 0 9 0 0	- - - 74	—	—	3 2	—	8.1	11
	D. I. Khan	000 73	5 07 04	95 03 2	011 87	0 0 9 0 3	0 2 0 99	009 72	0 31 02	95 00 2	037 76	0 0 9 0 0	- - - 61	- 1	9	1 1	- 2.9	2.8	9
	Wana																		11
	Landikotal	000 63	2 05 03	99 03 1	015 81	2 9 6 0 0	- - - 93	000 67	2 00 00	99 02 1	959 75	2 4 3 0 0	- - - 66	—	—	1.8	—	11.4	—
	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	- - - —	—	—	—	—	—	—
	Thull	xxx xx	3 18 13	98 01 1	— —	1 2 8 7 9	- - - —	xxx xx	3 37 09	99 01 6	— —	1 6 7 1 1	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 63	6 00 00	96 03 1	004 91	2 4 7 2 0	6 × × 92	118 65	4 00 00	98 03 6	945 72	8 7 7 9 0	8 × × 70	- 7	- 4	2.8	- 0.9	0.7	15
	Hindubagh	000 36	0 27 13	98 00 0	907 80	0 0 9 3 0	- - - 92	000 65	0 09 04	98 00 0	942 73	0 0 9 0 0	- - - 62	—	—	0.2	—	8.5	—
	Loralai	000 73	4 13 05	99 01 2	887 84	0 0 9 2 0	- - - 85	000 67	0 05 05	97 00 2	919 75	0 0 9 0 0	- - - 67	—	—	1.7	—	8 5	—
	Harnai (a)	000 00	7 09 05	98 02 2	— —	2 3 6 3 0	- - - —	000 00	8 27 02	95 02 2	— —	3 3 6 2 0	- - - —	—	—	2.0	- 3.1	10.6	14
	Sibi	000 71	3 15 02	97 03 1	066 90	3 0 6 4 0	- - - 99	000 77	3 00 00	97 02 1	033 88	4 2 7 6 0	- - - 83	—	—	2.1	—	3.7	5
	Quetta †	000 35	0 25 03	96 06 0	025 87	0 0 9 0 0	- - - 89	000 63	0 16 02	97 00 6	934 70	0 0 9 0 0	- - - 64	—	—	0.8	- 0.1	0.3	9
	Chaman	000 38	0 27 03	97 00 0	846 91	0 0 9 0 8	- - - 92	000 33	0 83 03	97 00 0	931 75	0 0 9 0 8	- - - 70	- 1	- 4	0	0 1	9.8	8
	Nushki	000 45	9 27 10	95 05 4	845 00	9 0 - -	9 × × 01	000 47	9 23 09	95 05 4	986 82	9 - 0 - -	9 × × 78	—	—	0	—	5.4	—
	Dalbandin *	000 56	2 27 09	94 07 1	895 05	0 0 9 0 1	- - - 91	000 43	0 25 03	94 05 0	934 70	0 0 9 0 0	- - - 71	- 1	- 1	0	- 0 8	1.8	4
	Nokkundi	000 70	0 34 18	97 03 1	968 98	0 0 9 0 0	9 × × 00	000 43	0 84 18	90 00 0	906 83	0 0 9 0 9	- - - 76	—	—	0	—	0.9	3
	Kalat †	000 66	0 26 09	97 00 0	935 83	0 0 9 0 0	- - - 84	000 52	0 18 02	97 00 0	952 66	0 0 9 0 0	- - - 59	- 6	+ 1	0.7	0.3	9.7	7
	Turbat	000 79	0 16 05	97 09 1	020 02	0 0 9 0 0	- - - 04	000 76	8 32 02	95 03 2	070 88	8 0 7 2 0	9 0 × 79	—	—	0	—	1.4	—
	Panjgur *	000 35	0 31 06	97 00 9	014 96	0 0 9 0 9	- - - 97	000 84	0 31 02	97 00 0	935 80	0 0 9 0 0	- - - 70	- 3	- 4	0	—	2.2	5
	Las Bela	004 73	6 00 00	99 00 0	— —	6 × 5 0 0	2 0 9 93	000 75	6 00 00	99 00 0	032 82	6 0 5 0 0	4 0 0 71	—	—	0.1	—	0.3	8
	Ormara	000 77	7 22 09	95 03 1	023 84	1 8 8 2 0	- - - 84	000 78	6 27 05	94 03 1	041 80	6 5 6 0 0	- - - 79	—	—	0.3	- 0.4	3 1	4
	Pasni							000 74	0 29 03	96 00 1	043 81	0 0 9 0 0	- - - 77	—	+ 1	0 5	9 4	4.7	4
	Jiwani																		4
SIND	Reti	000 74	7 18 05	98 08 1	994 00	0 0 9 3 0	- - - 01	000 77	6 05 02	96 01 1	033 88	0 0 9 3 0	- - - 80	—	—	6.5	—	2.1	—
	Jacobabad	000 77	4 16 06	98 02 1	xxx xx	2 2 2 4 1	- - - 01	000 72	1 09 14	97 02 1	024 87	9 0 9 3 0	- - - 84	- 8	+ 2	1.7	- 0.7	1.8	4
	Sukkur	000 81	0 90 00	96 03 1	982 00	4 3 8 0 0	- - - 01	000 78	0 16 08	96 00 1	020 84	9 0 9 0 0	- - - 82	—	—	0.5	—	1.0	4
	Pad Idan	000 75	4 13 03	98 08 1	989 93	2 0 7 0 1	- - - 00	000 75	1 21 05	99 01 1	018 85	0 0 9 0.1	- - - 81	—	—	0.8	—	0.9	—
	Karachi (Manora)	003 79	6 27 05	96 02 2	021 83	0 0 9 7 0	- - - 85	000 78	6 25 05	96 02 2	033 80	3 6 4 1 3	- - - 73	0	0	1 6	- 3 2	1 6	8
	Karachi (A. P.)	003 82	6 25 14	96 05 1	029 85	3 6 5 0 1	- - - 86	000 79	2 25 12	96 02 5	040 80	3 4 4 0 0	- - - 79	—	—	2.4	—	3.0	—
	Badin	000 78	6 23 07	97 03 2	000 90	0 0 9 0 6	- - - 93	000 78	0 28 07	97 00 0	034 83	0 0 9 0 0	- - - 79	+ 1	0	7.0	+ 1 9	7.0	9
	Nagarparkar																		
	Chhor (Umerkot)	009 77	4 23 10	97 00 0	008 95	1 1 9 3 0	- - - 97	000 77	3 23 10	97 00 0	023 82	0 0 9 0 3	- - - 79	—	—	2.1	—	2.1	—
	Hyderabad	080 76	0 72 07	90 01 1	998 93	3 0 9 0 2	- - - 07	000 74	3 23 06	96 01 1	013 82	0 0 9 0 1	- - - 69	+12	+ 1	1.7	- 2 9	1.9	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul																		12
	Jalalabad							000 75	0 00 00	97 00 5	922 77	0 0 9 0 0	7 0 0 62		—	0	—	6.0	—
	Kandahar	000 35	0 00 00	92 00 0	958 92	0 0 9 7 0	- - - 92							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY THE 13TH AUGUST. 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VV ww W	PPPTT	$N_h C_L hC_M C_H$	$W_1D_WD_WT_WT_W$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPPTT	$N_h C_L hC_M C_H$	$W_1D_WD_WT_WT_W$	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	Charba:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Mashad	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat:	000 81	0 13 02	97 00 0	004 88	0 0 9 0 0	- - - 89	000 80	9 15 02	98 00 8	080 82	0 0 9 8 0	- - - xx	- 1	..	0	- 0.1	2.3	4
	Sharjah													-	-	-	-	-	6
	Kuwait	000 xx	0 09 05	95 00 0	986 95	9 9 9 0 0	- - - 98	000 xx	0 08 00	95 00 0	991 95	0 0 0 0 8	- - - 89	-	-	0	-	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 (5,690-5,712 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.
Wherever 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 $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalarashmi	13 178	788 06	8 81 13	97 03 3	019 84	83 7 60	7 3 800	6 5 850	0 03 77	..
Alavi	13 186	712 06	8 86 15	98 05 3	098 85	84 7 00	2 45000	..	0 08 80	1 25 33
Jalakendra	13 181	640 06	7 00 00	98 01 2	116 90	83 6 53	..	..	..	..
Karanja	13 187	640 00	8 15 20	97 02 2	045 79	85 6 xx	5 5 614	..	0 00 73	1 26 36
Brodie	13 092	688 09	1 13 12	96 02 9	011 78	10 9 09	6 5 810	..	0 51 75	1 25 33
Almirante	13 165	727 12	6 31 14	97 01 1	002 87	84 5 68	..	..	..	..
Jalkendra	13 105	756 13	8 34 01	98 01 8	117 88	78 6 51	..	..	..	..
Umazia	13 242	670 12	8 24 13	97 01 1	060 87	81 5 68	..	..	..	..
Karanja	13 151	929 12	8 25 80	82 01 1	060 00	87 6 08	5 5 609	..	0 01 74	1 25 36
Umazia	13 282	676 16	7 28 16	97 13 1	043 86	71 5 xx	..	..	..	..
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxxXxXx	PrPrihxhthx	TrTrTdrTdrTxr etc.	5555	hxhrPrPrPr	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 15	000 27	368 69	864 76	211 66	700 19	120 27	509 66	587 91	301 48	849 97	555 55	271 91	569 89	231 81	668 89	171 16	486 50	919 94	646 90	691 88	788 59	739 97	1378 85	870 97

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. ††										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	...	...	...	...	...	...	...	...	...	...	15 11	17 11	18 11	17 11	16 18	15 11	15 10	15 18	14 09	15 21	16 18	16 11	...	...
Dhor	13 15	23 15	24 13	25 19	...	...	...	...	...	...	18 18	17 18	19 19	19 17	20 15	...	25 21	24 17	23 20	04 09	04 11	03 15	01 21	26 09
Chittagong	14 21	15 29	15 29	17 27	...	...	...	...	...	...	...	...	...	...	...	...	14 10	19 18	17 29	...	...	...	...	...
Cox's Bazar	15 24	10 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16 18	16 14	16 18	16 10	19 07	...	...	...
Dacca	14 11	14 16	14 13	...	...	...	...	...	...	...	18 18	18 17	21 05	23 09	26 09	...	16 09	16 14	16 13	16 13	...	...	...	...
Jalbandir	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17 05	17 04	15 03	23 03	2 07	...
Jhow	...	...	...	...	...	21 06	19 07	15 03	...	...	...	...	...	...	...	...	...	...	...	...	20 03	27 01	19 03	25 06
Fort Sandeman	...	...	...	25 03	14 08	15 06	25 12	...	...	...	...	...	...	00 18	26 04	28 10	...	...	...	05 08	05 03	23 06	25 03	...
Jacobabad	16 03	19 02	20 01	15 03	11 04	19 15	...	...	...	...	16 08	17 07	15 09	09 07	24 03	28 08	10 20	11 08	11 08	25 06	28 08	24 06	23 07	28 00
Jhelum	29 11	31 06	34 09	...	...	...	...	...	...	...	24 04	24 15	09 17	10 18	09 14	05 07	09 08	11 03	06 06	06 14	29 03	07 14	...	...
Kiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	27 18	26 16	...	...	...	...	...	...	...	...	27 17	27 28	26 25	...	...	...	27 19	27 21	29 18	21 13	24 09	25 11	...	...
Khanpur	19 02	21 03	16 08	...	...	...	...	...	...	...	...	...	...	...	...	...	04 15	05 11	03 13	03 10	03 15	05 18	...	...
Lahore	16 05	16 08	15 12	15 15	15 11	...	...	...	...	...	07 07	09 06	...	...	...	...	15 08	15 14	16 13	...	...	...	...	...
Multan	...	15 06	13 08	11 08	05 06	05 09	09 15	01 13	15 13	...	23 03	21 07	24 01	04 08	07 08	08 08	25 15	26 13	23 13	...	03 04	06 05	01 04	21 13
Peshawar	...	04 21	04 08	05 08	10 06	09 11	23 21	21 25	16 16	23 23	...	03 11	25 08	25 04	07 05	09 09	...	01 06	...	19 06	25 10	27 07	29 18	...
Quetta	...	...	...	...	...	29 11	...	...	...	...	...	...	...	29 18	21 22	...	...	...	...	...	...	...	...	...
Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Cloud Observation Data (iiiGG Cddv, v.)

51503 NEPH 13010
07508 NEPH 40408

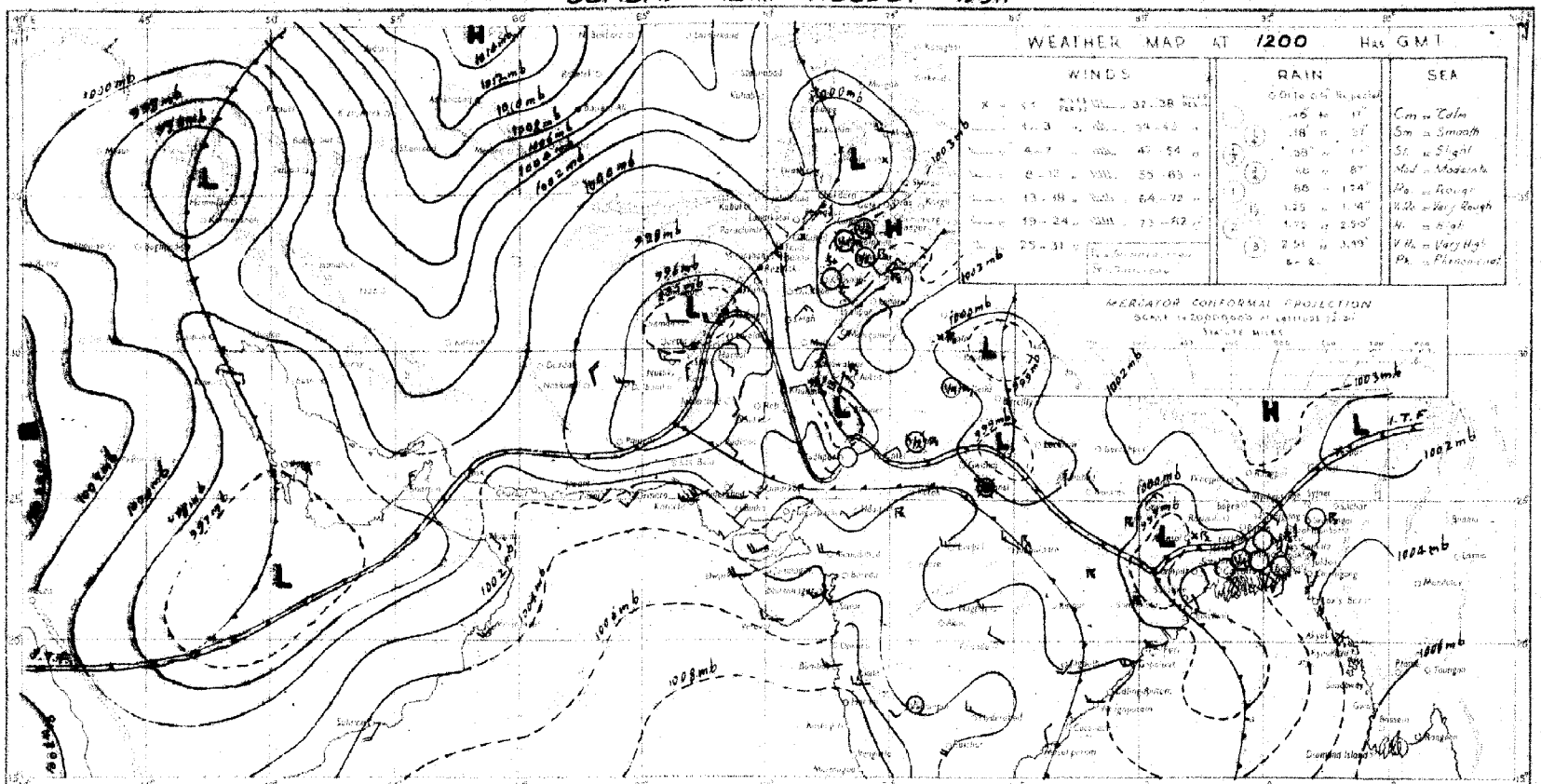
Peshawar 59001 42410

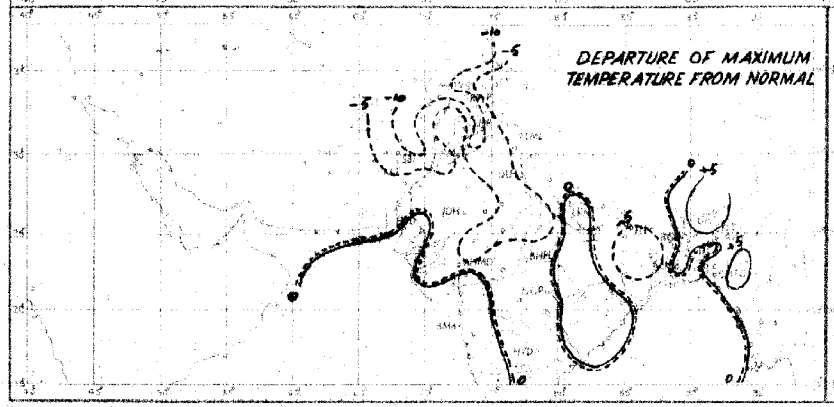
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, and 8.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

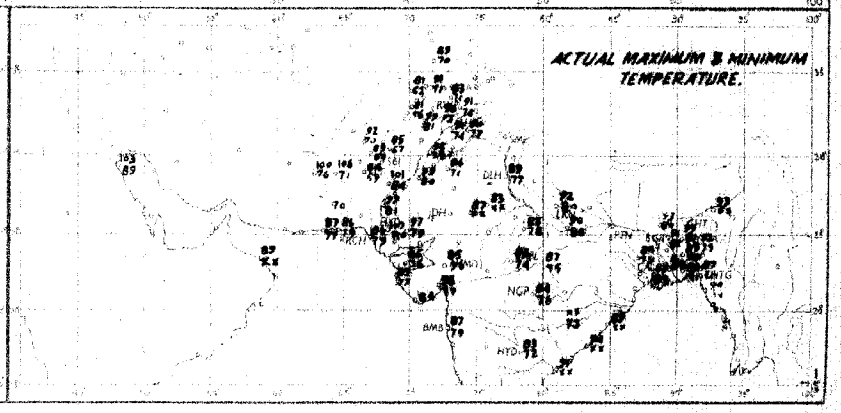
N. P. W.

PAKISTAN DAILY WEATHER MAP

SUNDAY 12th. AUGUST 1951.



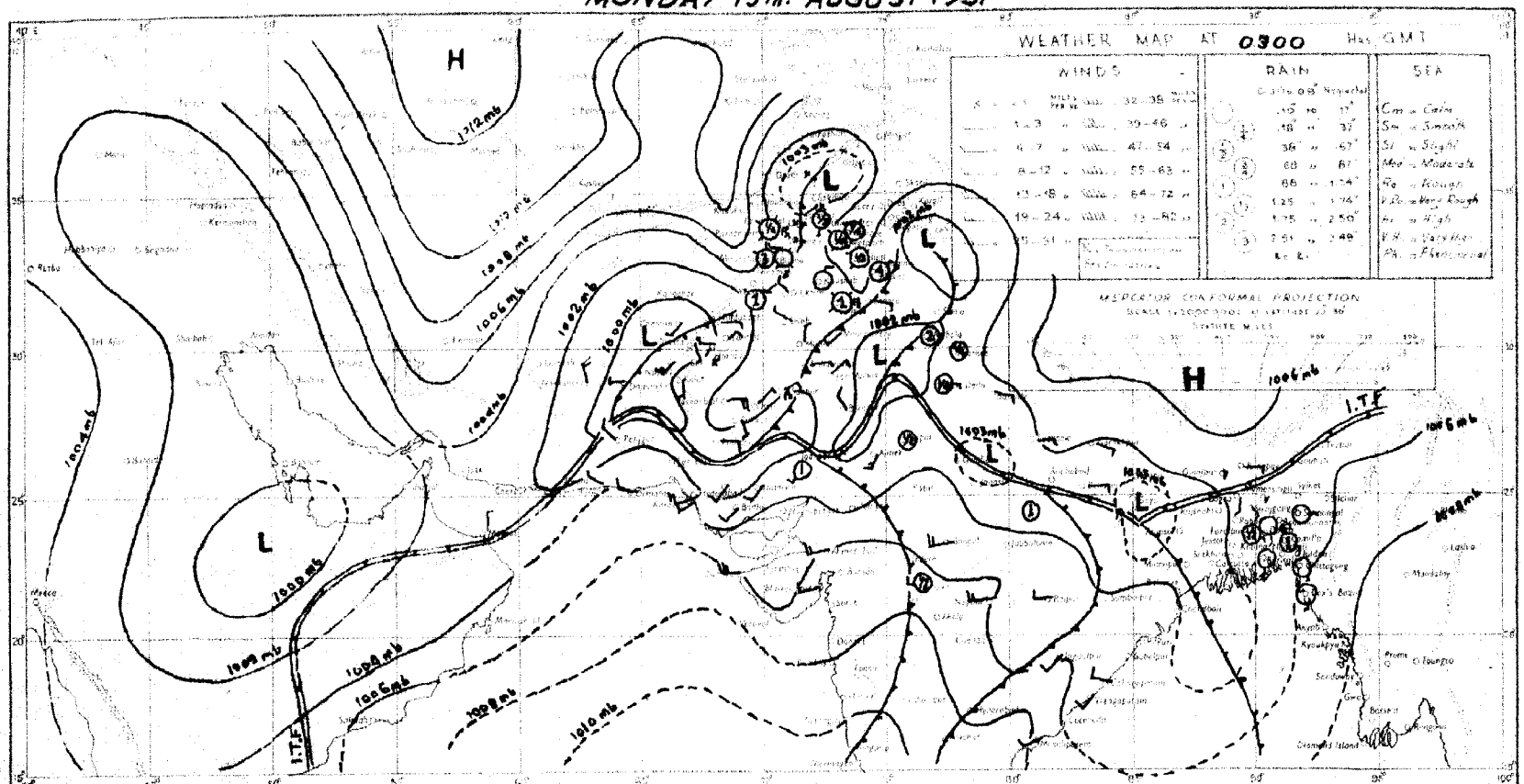


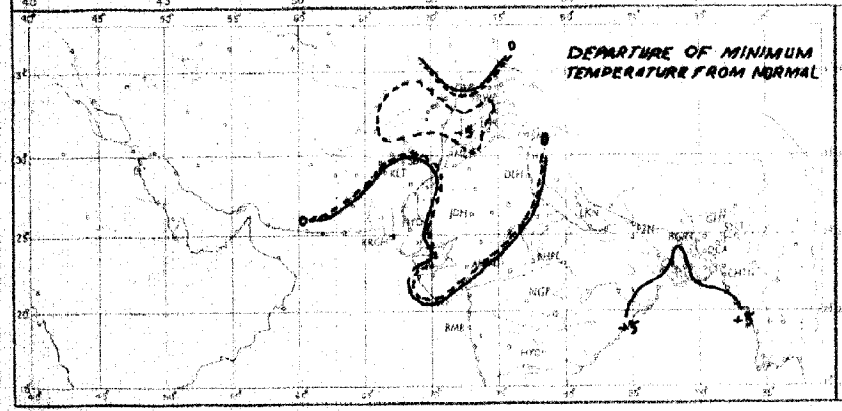


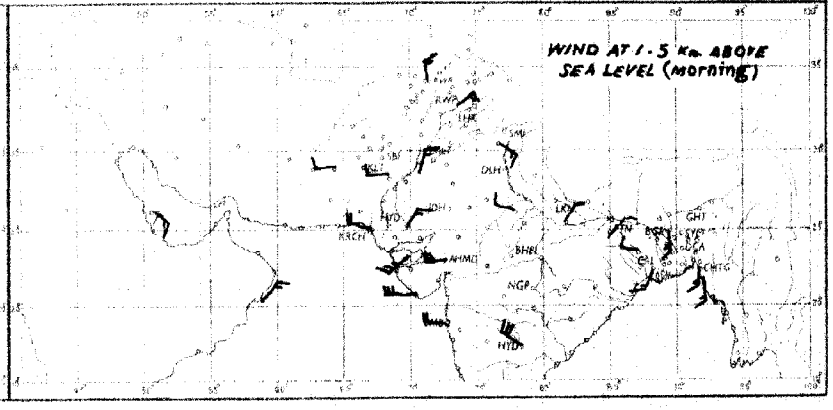
Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

MONDAY 13th AUGUST 1951







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

Monthly Subscription

Pages 1—2

Pages 1—4

Regd. No. S-1467

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 14TH AUGUST, 1951

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

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

Seasonal low lies accentuated over Baluchistan. Monsoon trough extends from the extreme north Punjab to Assam across U. P. and Bihar.

Rain/Thundershowers have been local in East Pakistan and scattered in the Punjab. Dust-raising winds have also been reported from west Baluchistan.

Chief amounts of rainfall are :—Cox's Bazar 3", Srimangal and Khulna 1" each, Lahore ¾", Satkhira ½" and Sialkot ¼".

Day temperatures were appreciably to markedly below normal over west Pakistan outside lower Sind where they were generally appreciably above normal.

Forecast valid until the evening of 15th :—Local rain/thundershowers will occur in East Pakistan, the extreme north Punjab and Kashmir and a few thunderstorms in the plains of Punjab and the upper North-West Frontier Province.

Karachi-11.
The 14th August, 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	WtDsDMTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDsDMTnTn	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	008 17	8 33 05	93 61 9	037 80	4 6 4 2 0	9 × 0 86	280 70	8 09 06	92 64 9	060 76	2 6 4 2 0	9 × 0 76	+ 1	0	59.7	- 20 2	69.3	140
	Chittagong	000 77	7 16 05	97 02 8	027 83	5 2 6 7 9	9 9 9 87	016 78	6 16 02	96 50 6	049 79	8 6 5 0 0	9 × × 77	+ 2	+ 1	48.7	- 5.5	78.5	102
	Comilla	000 79	6 13 09	93 03 1	012 87	6 3 7 0 0	- - 87	000 77	6 13 09	93 01 1	038 81	6 4 7 0 0	- - - 78		+ 1	66 2	+23 4	72.7	118
	Brahmanbaria	000 78	4 18 02	97 03 8	016 84	4 5 5 0 0	1 × × 90	005 78	5 18 05	97 03 1	029 85	3 5 5 4 0	0 × 4 79	—	—	32.7	- 0.1	42 6	84
	Dacca	××× 80	6 20 02	98 02 4	003 87	3 8 6 4 0	9 × × 90	××× 81	7 16 02	98 21 2	032 85	6 4 5 2 0	9 × × 80	—	—	—	—	—	76
	Narayanganj	000 78	7 18 03	95 03 1	008 90	1 2 5 0 8	9 0 × 91	000 79	7 13 06	96 03 1	027 87	7 4 5 . .	9 × × 82	+ 4	+ 3	40.1	+ 8.8	59.1	74
	Mymensingh	000 77	8 00 00	99 02 2	003 86	8 4 7	20	020 79	8 00 00	98 02 6	035 83	8 6 6 . .	0 × × 86	+ 2	+ 2	38.0	- 2 5	66.9	81
	Srimangal	014 80	8 00 00	93 60 9	020 81	8 5 6 - -	4 × × 89	114 79	7 18 02	97 02 6	041 80	7 8 7 3 3	8 6 5 77	- 1	+ 1	43 4	+ 4.3	70.5	98
	Khulna	100 79	7 36 02	95 80 5	016 80	7 7 6 0 0	2 × × 90	110 70	6 18 03	97 0 11	028 85	6 8 7 0 0	- - - 80	+ 3	+ 2	30.6	- 2.4	30.2	66
	Satkhira	000 79	8 ×× ××	96 55 1	005 85	8 9 6 0 0	4 0 × 92	047 81	5 00 00	97 03 6	032 84	4 4 7 6 0	9 0 × 80	+ 4	+ 2	18.5	- 12 5	27.9	55
	Jessore	007 79	7 00 00	96 02 6	008 82	7 1 6 0 0	7 × × 05	007 80	5 16 03	97 02 2	032 90	5 8 6 0 0	- - - 80	—	—	18.4	11.5	25.5	65
	Faridpur	006 80	5 16 09	96 01 6	026 85	3 4 6 1 0	6 × × 88	006 81	7 18 09	97 02 1	034 85	6 4 6 1 0	8 × × 81	+ 1	+ 2	27.8	- 3.3	34 6	71
	Barisal	000 79	7 18 02	98 01 1	011 87	4 4 6 0 6	- - - 20	600 80	7 00 09	97 08 2	035 86	3 4 6 2 8	- - - 82	+ 3	+ 4	29.5	- 8.7	30.2	81
	Pabna																		59
	Rampur Boalia	000 80	8 13 08	98 02 2	988 87	6 4 7 0 0	- - - 88	000 82	8 13 08	98 02 2	020 83	8 4 6 - -	2 0 0 81	- 1	+ 3	27.2	- 1.8	37.2	56
	Sirajganj	017 79	6 18 02	96 01 9	006 85	5 5 5 0 2	- - - 20	016 80	8 11 02	96 02 9	025 85	8 6 4 0 0	- - - 81	+ 2	+ 3	26.3	- 5.1	33.2	64
	Bogra	000 77	4 09 02	97 02 2	018 86	0 0 9 2 0	9 0 0 91	600 80	8 00 00	97 02 2	035 84	6 4 7 4 0	5 0 0 80	+ 3	+ 1	27 0	- 7.4	31.2	69
	Dinajpur							003 ××	8 09 02	96 02 5	— —	8 5 8 0 0	0 0 0 —	—	—	49.3	- 9.7	58.9	72
	Rangpur																		86
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 78	6 05 02	96 02 0	999 85	0 0 9 4 0	0 0 4 89	000 78	1 00 00	96 01 0	014 82	0 0 9 2 0	- - - 78	- 9	- 2	5.8	0	10.0	12
	Lahore	071 80	6 05 02	97 03 8	002 83	2 3 7 7 0	9 - - 90	071 79	4 00 00	96 01 1	021 83	0 0 9 4 3	9 3 0 79	- 8	0	9.5	+ 0 1	15 6	19
	Sialkot	031 83	6 36 02	98 01 6	000 85	8 5 6 8 0	- - - 85	031 70	7 09 00	98 08 1	028 88	0 0 8 6 0	- - - 75	- 9	- 3	12.5	- 2.8	17.4	33
	Jhelum	002 74	5 00 00	98 01 5	007 86	1 1 7 0 8	6 9 × 87	002 77	4 00 00	98 01 1	017 81	0 0 9 4 0	9 × 2 77	—	—	13.4	—	21 8	—
	Rawalpindi	000 71	4 00 00	99 01 1	017 86	3 5 8 0 1	- - - 89	000 63	1 00 00	99 01 1	024 81	1 2 7 0 0	- - - 74	- 6	- 1	13.4	- 1.3	25.8	34
	Murree †	000 61	6 19 05	97 02 1	935 67	4 1 4 5 0	9 × 2 71	000 61	3 09 02	97 01 1	944 67	0 0 9 8 0	9 × 1 59	0	+ 2	14.7	- 9.3	37.8	50
	Attock	××× ××	0 00 00	98 00 0	— -	0 0 9 0 0	- - - -	××× ××	0 31 02	98 00 0	— —	0 0 9 0 0	× - - —	—	—	—	—	—	—
	Khushab	000 74	1 10 05	99 01 1	985 93	1 3 6 0 0	- - - 95	000 77	9 05 02	99 00 0	017 96	6 0 9 0 0	- - - 78	- 5	- 2	1.9	5.1	7.5	13
	Montgomery	000 75	6 00 00	96 01 1	993 91	4 4 7 0 0	9 × × 93	000 90	1 00 00	96 01 1	002 84	0 0 9 3 0	9 × 0 77	- 8	- 6	2.5	- 2.9	6.1	10
	Leiah	000 82	3 31 03	97 01 0	003 96	0 0 9 0 3	- 96	000 80	2 00 00	97 02 1	025 89	0 0 9 0 2	- - 82	—	—	0.9		4.9	3
	Multan	000 75	8 36 02	97 02 2	996 94	0 0 9 0 9	9 9 9 95	000 80	0 36 02	96 00 1	015 87	0 0 9 0 0	- - - 81	- 4	- 2	1.7	- 1 9	4.7	7
	Khanpur	000 78	6 07 07	95 95 1	992 96	0 0 9 6 6	9 9 9 98	000 79	0 20 07	95 02 1	020 89	× × × × ×	0 9 3 84	—	- 2	1.9	- 1.0	7.5	3
	Bahawalpur	000 76	7 00 00	97 03 5	995 01	0 0 9 7 0	9 9 × 96	000 70	3 23 04	97 08 2	016 85	0 0 9 0 9	9 8 8 80	- 6	- 1	0.5	- 3.0	3.6	3
	Fort Abbas	000 68	8 18 02	94 50 9	004 80	0 0 9 3 0	9 × 9 69	000 77	0 09 02	96 00 7	001 84	9 0 9 0 0	2 × × 74	—	—	0 5	—	1.4	3
N. W. F. P.	Drosh *	000 47	4 25 14	98 08 1	878 92	4 1 2 0 0	3 × × 93	000 58	1 00 00	98 02 1	929 75	0 0 9 3 0	9 × 8 72	—	—	1.0	—	21.8	14
	Chakdara	000 71	0 13 07	99 00 0	979 91	0 0 9 0 0	- - - 91	000 71	0 00 00	98 00 0	013 81	0 0 9 0 0	- - - 73	—	—	6 2	—	15.6	—
	Cherat *	038 67	3 18 10	98 01 1	981 79	3 1 9 9 0	4 × × ××	090 65	0 18 02	96 00 0	943 71	0 0 9 0 0	- - - 66	—	—	3.5	- 5 9	25.6	29
	Peshawar	007 65	3 05 07	97 02 1	986 94	2 9 7 3 0	- - 95	008 69	1 00 00	98 08 1	006 88	1 1 7 0 0	- - - 77	- 2	- 2	0.5	- 2.5	7.9	14
	Parachinar	000 63	6 15 02	97 02 2	941 77	2 2 7 6 0	5 × 7 90	000 63	0 00 00	99 00 8	958 69	0 0 9 0 0	4 × × 64	—	—	7.9	—	25.7	29
	Miranshah	000 69	2 00 00	98 00 0	922 80	2 2 6 4 5	- - - 86	000 70	0 08 08	99 00 0	921 78	0 0 9 0 0	- - 72	—	—	2.9	0 6	19.5	15
	Bannu	000 71	0 18 02	99 00 0	003 92	0 0 9 0 0	- - - 92	000 74	0 00 00	99 00 0	011 82	0 0 9 0 0	- - - 76	—	—	3.2	—	8.1	11
	D. I. Khan	000 76	0 02 02	96 00 0	990 93	0 0 9 0 0	- - - 93	000 75	0 05 04	95 08 1	001 85	0 0 9 0 0	0 0 0 81	- 7	0	1.1	- 2.9	2.3	8
	Wana	000 63	2 18 03	99 02 1	899 86	2 4 6 0 0	- - - 89	000 65	2 00 00	99 02 1	021 81	2 2 6 0 0	- - - 72	—	—	1.8	—	11.4	11
	Landikotal	××× ××	4 00 00	97 01 1	— —	0 0 0 2 0	8 × 0 —	××× ××	0 00 00	97 00 1	— -	0 0 9 0 0	9 × × —	—	—	—	—	—	—
	Hangu	××× ××	4 23 10	99 08 1	— —	2 8 7 3 9	- - - —	××× ××	0 09 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall																		—
BALUCHISTAN	Fort Sandeman	000 87	2 00 00	96 25 1	894 90	2 5 3 0 0	9 × × 91	000 64	0 00 00	98 01 0	949 75	0 0 9 0 0	0 × × 72	- 5	- 2	2.8	- 1.0	8.7	13
	Hindubagh	000 50	0 22 12	95 00 0	902 98	0 0 9 0 0	- - - 92							—	—				—
	Loralai	000 69	3 13 02	95 01 1	909 84	3 8 6 0 0	- - - 88	000 70	0 00 00	96 00 1	927 76	0 0 9 0 0	- - - 70	—	—	1.7	—	8.1	—
	Harnai (a)	000 00	3 09 03	96 02 2	— —	3 3 6 3 0	9 × 6 —	002 00	0 00 00	94 05 5	— —	3 0 9 0 0	- - - —	—	—	2.0	- 8.1	10.6	14
	Bibi	000 70	3 23 03	98 02 1	980 99	3 0 8 5 0	- - - 00	000 76	3 00 00	97 02 1	986 87	3 0 9 0 5	- - - 85	—	—	2.1	—	3.7	3
	Quetta †	000 87	0 00 00	97 00 0	922 90	0 0 9 0 0	- - - ××	000 68	0 00 00	97 10 0	982 71	0 0 9 0 0	- - - 62	—	—	0.8	- 0.2	9.3	8
	Chaman	000 60	0 23 03	97 00 0	895 92	0 0 9 0 0	- - - 94	000 47	0 18 02	97 00 0	925 75	0 0 9 0 0	- - - 70	- 5	- 4	0	- 0.1	9.6	8
	Nushki	××× ××	0 27 10	98 00 0	987 99	0 0 9 0 0	- - - 00	000 56	0 36 05	96 00 0	980 85	9 0 9 0 0	- - - 78	—	—	0	—	5.4	—
	Dalbandin *	000 59	0 23 09	94 07 0	897 02	0 0 9 0 0	- - - 03	000 53	0 25 02	94 05 0	925 74	0 0 9 0 0	- - - 69	- 4	+ 3	0	- 0.3	1.8	4
	Nokkundi	000 45	0 34 09	95 00 0	967 99	0 0 9 0 0	- - - 03	000 64	0 34 09	99 00 0	000 88	0 0 9 0 0	- - - 79	—	—	0	—	0.9	3
	Kalat †	000 65	0 32 09	97 00 0	930 82	0 0 9 0 0	- - - 85	000 42	0 18 02	97 00 0	949 61	0 0 9 0 0	- - - 58	- 5	- 0	0.7	- 0.3	9.7	7
	Turbat	000 77	0 24 05	97 00 1	956 05	0 0 9 9 0	- - - 08	000 75	6 20 02	95 02 2	××× 84	5 0 7 9 0	9 0 × 80	—	—	0	—	1.4	—
	Panjgur *	000 31	0 31 02	97 00 0	917 96	0 0 9 0 9	- - - 97	000 63	0 31 02	97 00 0	937 69	0 0 9 0 9	- - - 65	—	—	0	—	2.2	3
	Las Bela	000 79	0 16 06	99 00 0	998 00	0 0 9 0 0	- - - 01	000 76	6 00 00	99 02 0	032 82	8 × 6 0 0	0 0 0 71	—	—	0.1	—	0.3	3
	Ormara	000 78	1 25 00	95 07 0	009 84	1 5 4 0 0	- - - 86	000 79	3 25 09	95 02 3	021 90	8 5 6 0 0	- - - 86	—	—	0.3	- 0.4	3 0	3
	Pasni	000 78	0 23 09	97 00 0	016 85	0 0 9 0 0	- - - 87	000 78	5 25 60	96 02 1	045 82	6 5 5 0 0	- - - 79	- 1	+ 3	0.5	- 0 4	4.7	3
	Jiwani																		4
SIND	Roti	000 74	4 00 00	96 03 1	990 00	0 0 9 4 0	- - - 00	000 77	0 00 05	96 00 0	018 88	0 0 9 0 0	- - 83	—	—	1.5	—	2.0	—
	Jacobabad	000 75	2 13 07	97 01 1	990 01	2 2 6 0 0	- - - 01	000 77	1 18 06	96 01 1	011 90	3 0 0 1 0	- - - 82	- 3	0	1.3	- 0.6	1.3	4
	Sukkur	000 77	6 00 00	96 03 1	985 00	6 1 8 0 0	- - - 02	000 76	6 13 02	96 03 1	007 86	0 0 9 8 0	- - - 82	—	—	0.5	—	1.0	6
	Pad Idan	000 71	6 13 05	98 01 1	987 01	6 2 7 0 0	- - - 01	000 75	0 13 05	98 00 1	005 85	0 0 9 0 0	- - - 83	—	—	0.8	—	0.9	—
	Karachi (*Manora*)	000 74	4 25 09	97 01 1	018 84	0 0 9 1 0	- - - 85	000 76	6 25 09	96 03 2	036 79	6 6 4 0 0	- - - 78	0	+ 1	1.5	- 2 2	1 6	4
	Karachi (*A. P.*)	000 79	6 25 12	96 02 1	019 86	6 5 4 0 0	- - - 88	000 74	6 27 09	96 02 1	037 81	6 5 5 0 0	- - - 79	—	—	2.9	—	3.0	—
	Badin	000 77	0 ×× ××	97 00 0	008 02	0 0 9 0 0	- - - 06	000 77	0 ×× ××	97 00 0	026 83	0 0 9 0 0	- - - 80	+ 4	+ 1	0.8	—	0.9	4
	Nagarparkar																		—
	Chhor (*Umerkot*)	000 77	5 23 09	97 00 0	992 98	0 0 9 0 5	- - - 96	000 76	3 23 12	97 00 0	021 84	0 0 9 0 3	- - - 79	—	—	2.1	—	2.1	—
	Hyderabad	000 75	5 23 05	96 03 1	990 96	0 0 9 0 3	- - - 01	000 74	0 23 08	97 00 0	025 83	0 0 9 0 0	- - - 81	+ 6	+ 2	1.7	- 2.9	1.9	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul							000 61	1 26 03	98 00 9	972 70	1 1 8 8 0	9 0 0 64		—	9	—	9.9	12
	Jalalabad							000 75	2 00 00	97 01 3	989 79	1 1 6 4 0	- - - 77		—	0	—	0.9	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY THE 14TH AUGUST, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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_xT_x	N dd ff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since last June 21 to date	Departure from normal	Since Jan. 1 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Muscat	000 84	0 09 02	97 00 0	009 88	8 0 0 8 0	- - - 80	000 81	0 12 02	96 00 0	025 85	8 0 0 0 0	- - - 80	0	+ 6	0	- 0.1	3.2	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 11 05	96 00 0	088 94	8 9 0 0 0	- - - 87	000 xx	0 00 00	96 00 0	015 80	0 0 0 0 0	- - - 85	-	-	0	-	1.5	9

* Barometer readings reduced to 1 geodynamic Kilometre - 2,250-2,856 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 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.

(xx) 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 $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_P$	D_sv_s app	8 $N_sCh_sh_s$	0 $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Almata	22 178	725 00	4 26 15	96 08 1	092 81	11 2 00	- -	-	- -	- -
Karanja	22 127	619 00	3 14 15	96 08 0	088 79	21 6 00	5 5 510	-	0 00 73	1 24 25
Almiata	22 186	725 06	4 35 15	98 08 1	106 86	11 4 01	-	-	- -	- -
Umaria	22 216	604 06	7 24 10	97 15 8	057 82	71 8 8x	- -	-	- -	- -
Larad	22 208	692 06	4 26 19	96 05 8	078 84	22 5 40	7 5 058	-	0 04 76	1 27 46
Umaria	22 208	701 12	8 23 12	97 02 1	047 82	21 6 01	- -	-	- -	- -
Almirante	22 188	729 12	7 25 18	95 80 1	058 88	57 4 00	- -	-	- -	- -
Lawak	22 217	681 12	7 24 22	98 15 1	084 83	54 6 26	7 5 885	-	- -	1 24 60
Umaria	22 201	711 16	8 22 18	97 01 1	071 81	51 8 08	- -	-	- -	- -
Lawak	22 220	672 18	6 26 18	98 02 2	054 81	87 4 —	7 5 048	-	0 01 76	1 22 46
Karanja	22 091	591 18	5 22 16	98 02 0	130 80	22 6 00	5 5 818	-	0 01 78	1 22 33
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_oP_oP_oT_oT_o$	$T_dT_dT_xX_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_d1T_d1T_{X1}$ 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	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	786 14	000 28	382 60	854 76	221 78	709 24	140 59	509 83	009 94	803 27	709 90	201 91	929 71	555 55	249 26	213 17	519 00	333 01	358 99	281 99	668 00	281 39	456 00	075 97	514 60

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. ††										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	16 05	16 14	17 15	20 08	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	18 11	- -	- -	- -	- -	- -	- -	- -
Dhhor	21 12	23 08	27 08	08 89	98 08	01 12	01 10	25 08	- -	- -	- -	- -	- -	- -	- -	- -	24 16	26 21	22 20	01 02	01 09	- -	- -	- -
Chittagong	10 21	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	17 18	- -	- -	- -	- -	- -	- -	- -
Cox's Bazar	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
Dacca	17 07	17 09	16 14	- -	- -	- -	- -	- -	- -	- -	16 18	18 18	14 18	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
Daibandin	- -	- -	21 07	24 09	26 12	22 20	- -	- -	- -	- -	- -	- -	31 06	24 07	25 06	28 02	- -	- -	25 07	07 06	22 28	21 13	20 18	- -
Drosz	- -	- -	- -	- -	21 06	19 09	19 02	24 04	25 16	- -	- -	- -	- -	22 04	21 04	20 03	- -	- -	- -	- -	21 05	18 04	04 08	- -
Fort Sandeman	- -	- -	- -	02 01	07 06	20 02	21 06	25 14	- -	- -	- -	- -	- -	09 16	26 02	28 09	- -	- -	04 09	04 02	22 20	26 14	- -	01 29
Ispahabad	17 10	13 11	10 06	03 05	30 04	21 00	23 08	28 06	- -	- -	10 08	12 07	15 07	22 08	24 05	21 09	15 04	22 07	25 07	25 04	21 02	26 10	07 08	02 13
Jhelum	03 05	09 08	09 12	- -	- -	- -	- -	- -	- -	- -	26 02	00 03	10 08	09 10	11 17	10 16	23 02	04 03	07 08	10 13	09 16	09 16	11 05	17 04
Kiwani	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
Karachi	26 19	26 21	- -	- -	- -	- -	- -	- -	- -	- -	28 22	26 24	27 21	- -	- -	- -	22 19	26 25	- -	- -	- -	- -	- -	- -
Khanpur	04 09	06 09	07 05	07 04	26 13	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	24 11	28 07	29 05	23 29	24 14	01 10	- -	- -
Lahore	28 04	26 05	09 09	10 07	12 08	18 04	- -	- -	- -	- -	09 26	13 01	21 01	26 03	18 05	- -	09 25	11 04	11 03	13 02	12 06	14 07	17 07	28 01
Multan	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	17 09	15 02	26 01	20 02	22 11	- -	21 04	02 04	05 07	25 09	23 10	24 15	24 19	-
Peshawar	- -	06 06	10 07	18 05	21 03	24 06	21 13	25 10	26 23	- -	- -	05 07	04 06	01 04	11 06	10 23	- -	- -	- -	- -	- -	- -	- -	- -
Quetta	- -	- -	- -	- -	28 13	26 04	26 07	- -	- -	- -	- -	- -	- -	- -	25 07	19 13	- -	- -	- -	- -	24 09	25 10	13 04	- -
Bushire	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
Sharjah	...	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

Cloud Observation Data (iiiGG Cddv, v,)

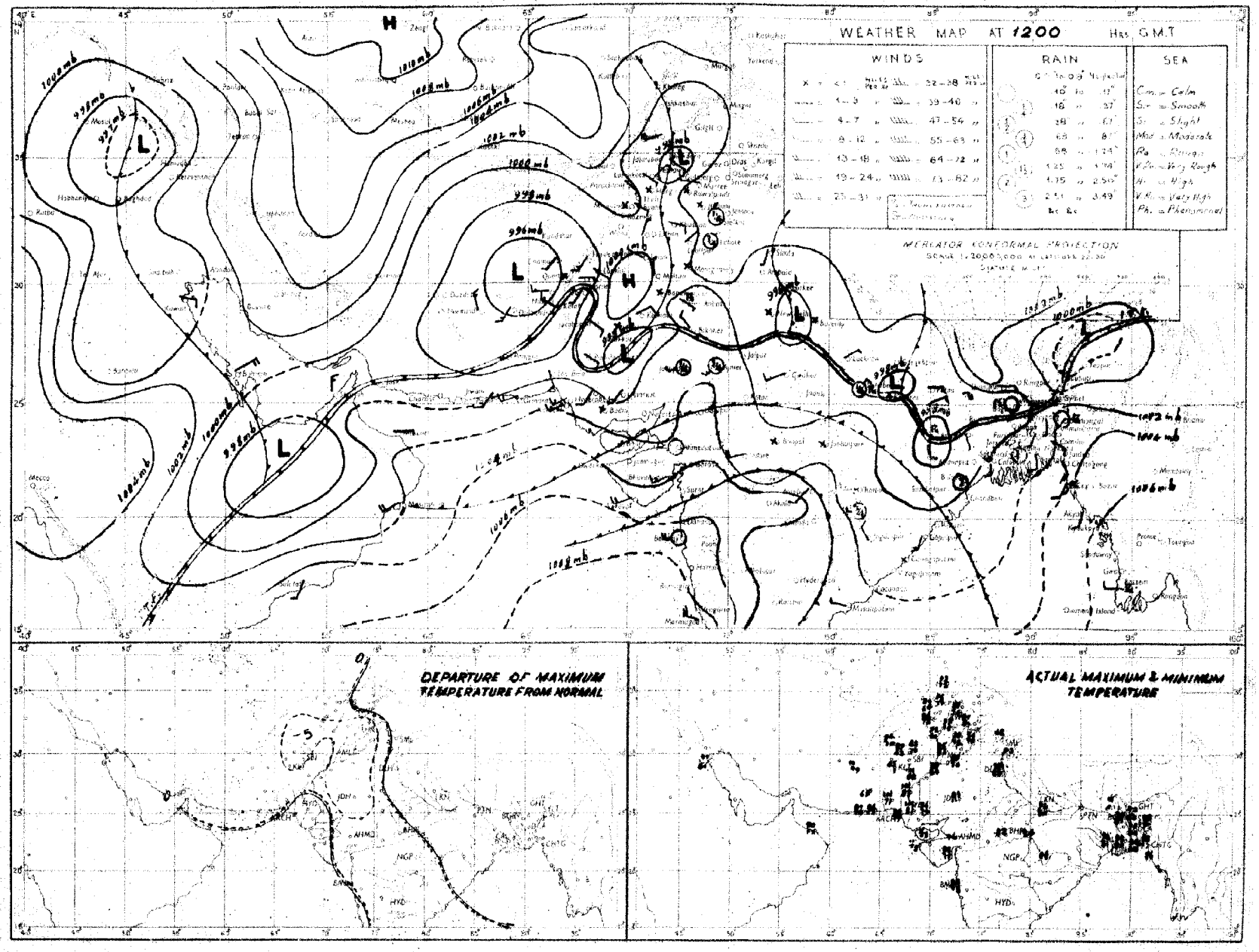
Drosh	51808	49113
Jhelum	59808	49815
Lahore	54008	114xx

* 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, 0.8, 0.9, 1.5, 2.1, 2.9 4.3 5.6, 7.5, and 9.3 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

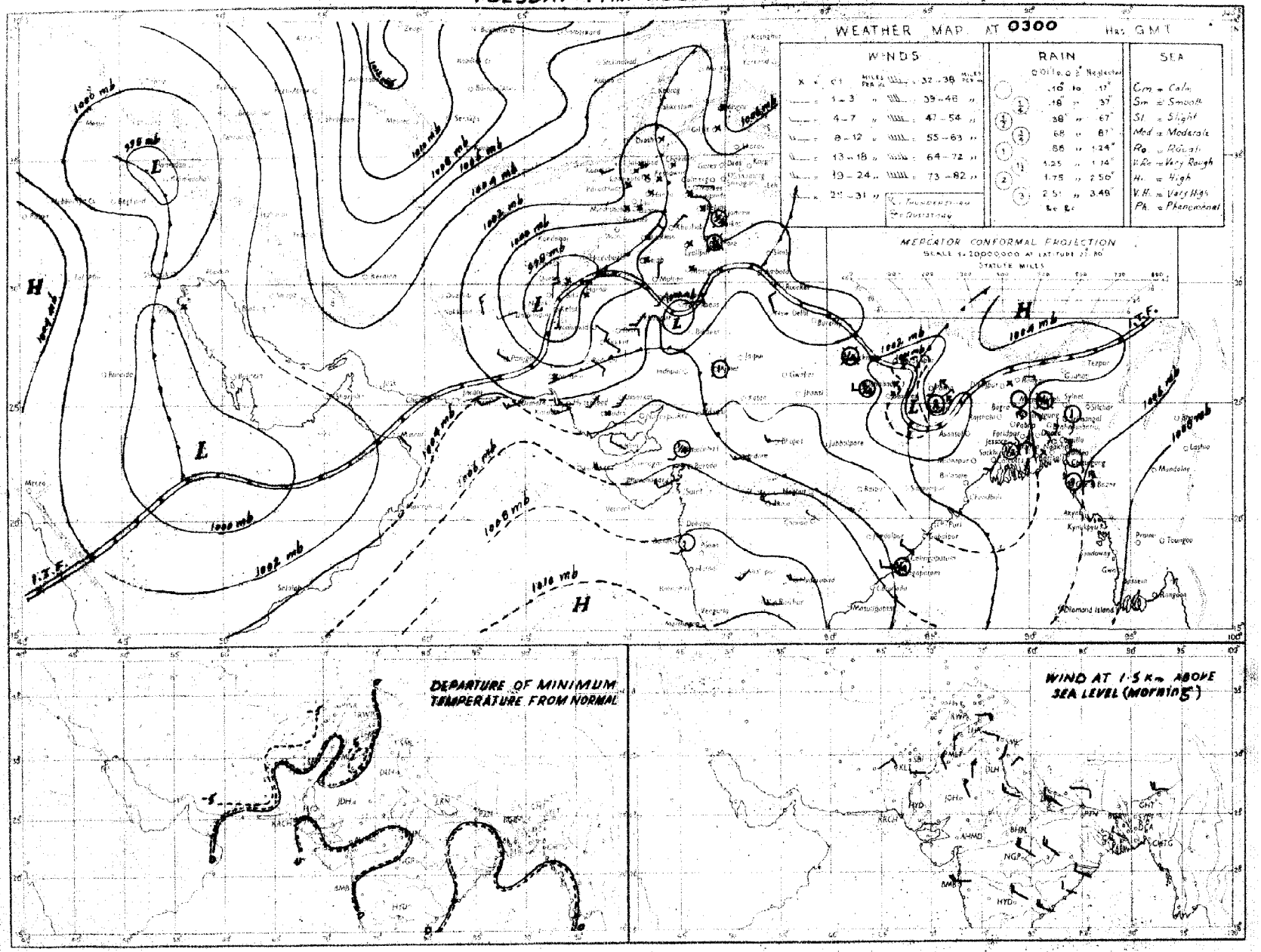
MONDAY 13th: AUGUST 1951



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 14th AUGUST 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-1467

LIBRARY
DEC 10 1951
WEATHER BUREAU

FOR WEDNESDAY, THE 15TH AUGUST, 1951

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

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

A well marked trough lies in north Bay of Bengal.

Latest observations from East Pakistan meagre.

Local rain/thundershowers have occurred in East Pakistan and scattered thunderstorms in the upper North-West Frontier Province and the south Punjab.

Chief amounts of rainfall are :—Cox's Bazar 3", Mymensingh 1"; Khulna and Satkhira ½" each.

Day temperatures were appreciably below normal in north Baluchistan and the north Punjab.

Forecast valid until the evening of 16th :—Local rain/thundershowers will occur in East Pakistan and a few thunderstorms in the upper North-West Frontier Province, Kashmir and the extreme north Punjab. Weather will be cloudy along Sind-Mekran coast.

Karachi-11.
The 15th August, 1951.

OBSERVATIONS.

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: RRRTdTd	Nddff	VVwwW	PPPTT	NhCLhCMCH	WtDsDmTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	Nddff	VVwwW	PPPTT	NhCLhCMCH	WtDsDmTnTn	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	198 77	7 18 02	94 02 6	026 81	3 6 5 3 0	9 × ××	297 76	0 09 02	96 02 6	029 80	2 8 6 3 0	- - - 55	—	- 1	62.68	18 87	72.24	149
	Chittagong	000 76	6 16 09	96 02 1	018 82	6 8 6 8 2	- - - 86	000 74	4 11 02	97 02 1	022 84	3 1 6 9 0	- - - 77	0	+ 1	48.7	- 6 4	78.5	105
	Comilla	000 78	4 18 05	95 03 1	××× 84	4 8 7 0 0	- - 84	000 77	5 18 05	95 01 1	035 81	2 2 7 0 1	- - - 78	- 3	+ 1	66 2	+22 8	72.7	128
	Brahmanbaria	000 81	2 16 02	97 02 1	007 88	7 4 5 0 0	- - - 91	000 77	6 12 02	97 08 1	027 89	6 4 5 0 5	0 0 × 80	—	—	82.7	- 0.6	42 6	96
	Dacca	××× 81	8 18 05	98 02 2	006 87	5 8 6 4 0	8 × × 91	000 00	6 18 02	97 02 2	031 86	6 8 5 0 0	- - - 80			—		—	78
	Narayanganj	004 81	8 18 03	95 08 5	×96 86	1 2 5 7 ×	2 × 0 93	016 86	7 09 02	95 08 6	029 28	7 4 5 - -	6 × × 81	+ 6	+ 2	40 2	+ 8 5	59.2	74
	Mymensingh	020 77	8 00 00	98 02 6	007 86	8 6 6 -	0 × × 90	070 79	6 00 00	99 02 6	026 82	8 4 7 -	- - - 79	+ 2	+ 1	38.7	- 2 2	57.8	81
	Srimangal							015 77	4 00 00	97 02 9	040 84	3 1 6 3 0	- - - 77		+ 1	48 6	+ 4.0	78.7	99
	Khulna	000 80	4 13 02	96 06 1	995 88	4 4 7 3 6	- 90	031 79	8 09 02	97 01 6	029 87	3 0 7 8 0	- - - 82	+ 3	+ 4	20 2	- 2.5	20.5	65
	Satkhira	000 83	6 ×× 00	97 02 6	002 90	8 4 6 6 0	2 0 × 92	036 82	5 ×× 05	96 03 6	016 84	5 9 6 6 0	6 0 × 80	—	+ 2	18 8	12 5	27 4	65
	Jessore	000 83	6 18 05	97 02 1	991 89	6 4 6 0 0	- - - 96	000 81	7 12 03	96 02 2	020 65	7 8 6 0 0	- - - 80	—	—	19 4	11.0	28.5	66
	Faridpur	000 79	7 09 05	96 01 1	993 87	3 4 6 1 0	9 × 1 86	009 78	6 12 02	97 00 6	039 81	6 6 9 1 0	2 × × 79	+ 1	0	27.9	- 2.6	14 6	71
	Barisal	000 81	8 00 00	97 03 9	001 85	6 3 6 2	6 × × 91							+ 4					81
	Pabna																		58
	Rampur Boalia																		56
	Sirajganj	000 81	8 00 00	99 02 2	997 87	8 1 7 × ×	- - - 89							+ 2					64
	Bogra	000 79	7 09 03	96 02 6	991 85	0 0 9 1 5	- - - 89							+ 1					68
	Dinajpur	000 64	4 09 02	97 01 1	996 89	0 0 9 0 9	9 2 0 92	000 77	8 00 00	97 02 2	041 83	8 4 7 0 9	- - - 80	+ 3	+ 1	27 0	- 7.8	81.2	72
	Rangpur	008 ××	7 09 05	96 02 6	— —	7 5 8 0 0	-	008 ××	8 09 02	96 02 1	— —	8 5 8 0 0	- - - —	—	—	49 4	- 9 3	59.0	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 74	4 00 00	96 01 0	982 92	0 0 9 4 0	- - - 94	000 79	2 00 00	98 01 1	001 88	0 0 8 6 0	- - - 82	- 4	+ 2	5.8	- 0.1	10.4	18
	Lahore	000 74	5 00 00	96 01 1	978 88	2 2 7 2 0	- - - 94	000 79	5 34 02	96 02 1	995 87	0 0 9 0 2	- - - 82	- 4	+ 5	9.5	- 0.1	13.6	19
	Sialkot	000 78	4 31 02	97 01 1	967 94	3 4 6 8 0	- - - 95							+ 1					32
	Jhelum	000 75	2 23 02	98 02 1	989 93	2 1 7 0 6	- - - 95	000 70	1 18 07	98 01 1	988 89	0 0 9 3 9	- - - 80		—	12.4	—	21.8	—
	Rawalpindi	000 73	2 00 00	99 01 1	966 92	2 2 7 7 0	95	000 13	1 09 00	99 01 1	996 86	1 2 7 0 0	- - - 74	+ 1	- 1	13.4	- 2 6	23.2	26
	Murree †	000 65	6 13 03	98 02 1	923 69	0 9 4 0 0	9 × × 72	000 61	2 27 03	98 01 1	880 66	2 5 3 0 0	9 × × ××	+ 1		14.7	- 9.8	37.3	50
	Attock							××× ××	0 20 05	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—		—	—
	Khushab	000 78	1 16 05	99 01 1	969 95	1 3 6 × ×	- - - 96	000 77	0 07 02	99 00 0	992 90	6 0 9 0 0	- - - 82	- 4	+ 1	1.9	- 5.2	7.5	13
	Montgomery	000 77	5 00 00	97 01 1	955 94	2 2 7 0 6	9 0 × 86	000 17	1 00 80	96 01 1	990 88	0 0 9 0 1	9 × × 81	- 5	- 1	2 5	- 3.0	6.1	10
	Leiah	000 82	0 31 03	97 00 0	977 91	0 0 9 0 0	- 02	000 83	0 23 02	97 00 0	990 90	0 0 9 0 0	- - - 87	—	—	6.9	—	6.6	8
	Multan	000 74	0 00 00	97 02 1	972 00	0 0 9 3 0	8 9 9 00	000 68	0 21 02	96 00 1	996 87	0 0 9 0 0	- - - 84	+ 1	+ 1	1.7	- 2 0	4.7	7
	Khanpur	000 77	6 31 05	95 05 1	966 02	9 0 9 4 8	9 9 9 03	000 72	0 21 05	95 05 0	992 87	0 0 9 0 0	9 × × 83	- 2	+ 2	1.0	- 1 9	7.5	6
	Bahawalpur	000 76	× 36 02	97 03 1	974 99	× 0 9 0 0	9 9 × 99	000 77	2 20 07	97 03 1	898 ××	0 0 8 0 3	9 × × 83	+ 1	+ 2	0.5	- 3.0	3.6	6
	Fort Abbas	000 84	5 05 02	94 03 9	970 95	0 0 9 3 0	5 × 8 98	000 66	0 28 03	96 00 0	988 88	0 0 9 0 0	0 × × 75	—	—	0.5	—	1.4	8
N. W. F. P.	Drosh *	000 49	8 25 09	98 03 1	868 91	6 3 6 0 0	5 × × 99	000 59	0 00 00	99 00 1	918 80	0 0 9 0 0	9 × × 78	—	—	1.0	—	21.3	18
	Chakdara	000 73	9 23 02	99 00 0	965 93	0 0 9 0 0	- - - 96	000 68	0 18 03	98 00 0	994 82	0 0 9 0 0	- - - 75	—	—	6 2	—	15.5	—
	Cherat *	000 60	1 18 06	98 01 1	916 81	1 1 9 0 0	- - - ××	000 67	0 16 02	98 00 0	923 75	0 0 9 0 0	- - - 79	—	—	3.5	- 4.2	25.6	30
	Peshawar	000 71	3 05 03	98 02 1	962 95	2 9 6 3 0	- - - 98	000 76	1 31 03	98 02 0	996 86	1 1 × 0 1	- - - 79	0	0	0.5	- 3.4	7.9	14
	Parachinar	000 61	7 15 02	99 02 0	925 76	2 2 6 6 0	2 1 7 82	000 57	0 31 02	99 00 2	921 69	0 0 9 0 0	- - - 68	—	—	7.9	—	25.7	30
	Miranshah	000 85	3 07 05	98 00 0	897 91	3 2 6 4 5	- - - 92	000 64	0 00 00	99 00 0	918 ××	0 0 9 0 0	- - 72	—	—	2.9	0 6	10.5	19
	Bannu	000 65	0 00 00	99 00 0	977 98	0 0 9 0 0	- - - 99	000 75	0 13 03	99 00 0	994 89	0 0 9 0 0	- - - 81	—	—	3.2	—	8.1	11
	D. I. Khan	000 78	0 09 02	96 00 0	004 99	0 0 9 0 0	- - - 99	009 78	0 05 02	95 00 0	003 85	0 0 9 0 0	- - - 85	- 1	+ 4	1.1	- 2.9	2.8	9
	Wana																		13
	Landikotal	000 66	5 12 03	99 02 1	885 89	5 7 6 0 0	- - - 91	000 67	0 00 00	99 00 0	906 82	0 0 9 0 0	- - - 74	—	—	1.8	—	11.4	—
	Hangu							××× ××	0 00 00	97 00 1	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	3 00 00	98 01 1	— —		- - - —	××× ××	0 09 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 46	0 00 00	96 05 1	990 94	0 0 9 0 0	- - 95	000 64	0 00 00	97 05 0	901 79	0 0 9 0 0	- - - 71	4	0	2.8	- 1.1	8.7	11
	Hindubagh	000 30	0 27 13	99 00 0	903 91	0 0 9 0 0	- - - 93	000 31	0 27 13	98 00 0	925 79	0 0 9 0 0	- - - 67	—	—	0 1	—	8.4	—
	Loralai	004 66	4 13 02	98 02 1	881 87	0 0 9 7 0	- - - 90	009 51	6 23 02	98 03 0	918 72	0 0 9 6 0	- - - 65	—	-	1.7	-	8.1	—
	Harnai (a)	000 ××	4 09 05	95 01 1	001 05	2 7 7 6 0	- - - —	000 00	0 09 02	95 02 2	— —	0 0 8 2 5	- - - —	—	-	2.0	- 2.2	10.6	14
	Bibi	000 72	0 23 02	98 00 0	966 04	0 0 9 0 0	- - - 84	000 75	3 00 00	97 02 0	875 90	× 0 0 0 1	- - - 87	—	—	2.1	—	3.7	5
	Quetta †	000 81	0 29 05	98 00 0	921 89	0 0 9 0 0	- - - 91	000 49	3 27 02	97 05 0	921 68	0 0 9 0 5	- - - 54	—	—	0.8	- 0.2	0.2	9
	Chaman	000 70	0 27 02	97 00 0	889 94	0 0 9 0 0	- - - 95	000 55	0 25 02	97 00 0	925 78	0 0 9 0 0	- - - 70	- 4	- 4	0	0 1	9.6	8
	Nushki	000 62	0 21 02	98 00 0	953 00	0 0 9 0 0	- - - 01	000 59	0 00 00	96 00 0	987 81	9 0 9 0 0	- - - 77	—	—	0	—	3.4	—
	Dalbandin *	000 59	0 22 07	95 05 0	003 02	0 0 9 0 0	- - - 02	000 37	0 27 08	96 05 0	927 75	0 0 9 0 0	- - - 66	- 4	- 6	0	- 0 2	1.8	4
	Nokkundi	000 71	0 23 13	99 00 0	964 01	0 0 9 0 0	- - - 02	000 58	1 24 13	99 02 0	019 89	0 0 9 0 1	0 0 2 84	—	—	0	—	0.9	2
	Kalat †	000 62	0 36 02	97 00 0	931 83	0 0 9 0 0	- - - 86	000 45	0 18 02	97 00 0	951 84	0 0 9 0 0	- - - 64	- 4	- 4	0.7	- 0.3	9.7	7
	Turbat																		—
	Panjgur *																		5
	Las Bela	000 75	0 16 06	99 00 0	976 02	0 0 9 0 0	- - - 02	000 74	6 00 00	98 00 0	032 80	6 8 4 0 0	2 0 7 69	—	—	0.1	—	0 3	8
	Ormara	000 75	1 25 09	95 05 0	010 95	1 5 6 0 0	- - - 87	000 76	7 25 13	95 02 1	033 80	7 5 6 0 0	- - - 79	—	—	0.2	- 0.4	3 1	6
	Pasni	000 74	4 29 10	96 02 0	016 84	× 0 9 4 0	- - - 86	000 78	0 27 03	96 00 1	035 79	0 0 9 0 0	- - - 76	- 2	0	0.5	- 0.4	4.7	6
	Jiwani																		4
SIND	Reti	000 78	4 13 02	96 08 1	977 03	× 0 9 4 0	- - 04	000 73	0 13 05	96 00 0	010 86	0 0 9 0 0	- - - 83	—	—	1.5	—	2.1	[illegible]
	Jacobabad	000 71	3 18 06	96 03 1	947 93	1 1 6 7 0	- - 04	000 74	6 16 07	96 02 2	985 86	0 0 9 0 0	- - - 85	0	+ 3	1.3	0.6	1.8	4
	Sukkur	000 75	4 27 02	94 03 1	954 95	6 0 9 5 0	- - 05	000 79	× 16 03	96 02 1	995 84	0 0 9 0 2	- - - 81	—	—	0.5	—	1.8	4
	Pad Idan	000 68	0 13 02	98 00 1	974 02	0 0 9 0 0	- - - 04	000 72	2 13 05	99 01 1	989 85	0 0 9 0 1	- - - 81	—	—	0	—	0.1	—
	Karachi (*Manora*)	000 76	6 27 09	96 02 2	015 88	0 0 9 7 0	- - - 84	000 76	8 27 00	93 10 2	029 78	8 6 4 0 0	- - - 77	- 1	- 2	1.6	- 3 4	1 6	8
	Karachi (*A. P.*)	000 75	7 25 12	97 02 2	017 84	7 5 5 0 8	- - - 88	000 76	8 25 16	96 50 5	026 81	5 6 4 2 -	- - - 79	—	—	2.9	—	3.0	
	Badin	000 81	0 ×× 03	97 00 0	998 92	0 0 9 0 0	- - - 95	000 78	6 ×× 07	97 02 1	026 82	0 0 9 0 2	- - - 80	+ 3	+ 1	0.3	- 4.5	0.9	8
	Nagarparkar																		
	Chhor (*Umarkot*)	000 77	0 35 14	97 00 0	982 96	0 0 9 0 0	- - - 99	000 78	7 22 12	97 00 0	023 82	0 3 9 4 0	- - - 79	—	—	2.1	—	2.1	—
	Hyderabad	000 72	0 22 07	97 00 0	994 96	0 0 9 0 0	- - - 99	000 74	6 22 10	98 02 1	075 82	0 0 9 0 2	- - - 80	+ 4	+ 1	1.7	- 3.0	1.9	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul							000 46	0 29 02	98 00 0	561 66	0 0 9 0 0	- - - —		—	0	—	9.9	12
	Jalalabad	000 82	4 05 00	97 03 1	954 96	0 0 9 6 0	5 × 9 97	000 75	1 00 00	97 01 1	987 81	0 0 9 0 1	- - - 78	—	—	0	—	6.8	[illegible]
	Kandahar							000 38	0 00 00	97 00 0	885 65	0 0 9 0 0	- - - —		—	0	—	10.5	[illegible]

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY THE 15TH AUGUST. 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 $T_d T_d$	N dd	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_x T_x$	RRR $T_d T_d$	N dd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_n T_n$	$T_x T_x$	$T_n T_n$	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
Iran	Charbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Masheé	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 81	0 00 02	97 00 0	012 88	0 0 9 0 0	- - - 90	000 79	0 00 00	96 00 0	082 85	0 0 0 0 0	× 0 0 ××	0	-	0	- 0.1	3.5	6
	Shariab													-	-	-	-	-	4
	Kuwait	000 ××	0 11 03	95 00 0	001 98	0 5 9 0 0	- - - 94	000 ××	0 20 05	96 00 0	026 92	0 0 0 0 0	- - - ××	-	-	0	-	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre 3,250-3,258 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,499-6,713 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 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 $T_s T_s T_d T_d$	$1 d_w d_w P_w H_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jehangir	88 184	704 06	7 25 10	97 01 2	084 82	78 6 00	6 8 820	8 7 820	0 08 88	1 25 88
Jahaugir	88 181	695 12	9 25 10	97 01 1	088 82	83 6 00	6 8 804	8 6 880	0 04 80	1 25 88
Karanja	88 046	548 18	5 25 14	98 02 0	131 76	82 6 00	5 6 008	---	0 51 74	1 23 23
Almirante Jaldabna	88 189	726 00	2 26 18	98 02 1	079 27	83 6 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
Karachi	789 18	001 27	251 60	000 11	273 52	544 83	250 12	700 33	155 59	509 34	530 91	555 55	329 00	261 21	668 60	230 48	456 00	679 94	504 60	659 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	4	5	10	15	20	25	30	1	2	3	4	7	10	1	2	3	4	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 05	15 19									13 11	19 33	21 13	24 08	22 03	---	---	---	---	---	---	---	---	---	
Chhor	21 10	23 13	21 06	09 03	01 06	25 04	28 05	01 11	30 00		---	27 22	16 17	16 09	15 04	---	22 24	25 10	24 24	22 12	28 07	11 05	04 18	01 13	
Chittagong	19 17	19 16	16 12	---	---	---	---	---	---	---	---	---	---	---	---	---	15 00	15 17	14 19	11 15	10 18	10 20	11 19	---	
Cox's Bazar																	15 17	16 15	16 12						
Dacca	11 08	11 09	14 08	15 06	17 08	09 05	07 07	---	---	---	---	27 21	17 21	16 17	16 09	15 04	13 11	13 07	06 06	06 10	---	---	---	---	
Dalbandin	---	---	19 04	20 03	29 02	29 05	26 09	26 13	---	---	---	---	25 02	06 11	01 08	---	---	---	24 05	21 05	25 12	24 09	25 11	30 08	
Drosh	-	-	-	-	-	21 05	18 03	---	---	---	---	---	---	---	---	---	---	---	---	---	23 03	19 04	28 13	---	
Fort Sandeman	---	---	---	26 04	01 09	25 08	21 02	25 08	25 04	---	---	---	---	24 02	22 08	25 16	---	---	---	02 04	28 07	29 20	06 08	---	
Jacobabad	15 05	17 06	19 07	20 06	25 05	25 13	27 04	01 08	02 07	06 05	13 14	16 10	19 10	22 07	16 02	25 13	16 16	17 03	25 01	30 04	24 12	02 15	---	---	
Jhelum	19 03	20 03	08 17	13 05	10 06	11 04	19 06	27 08	21 12	---	---	---	---	---	---	---	04 03	23 03	22 02	23 03	25 10	24 03	25 12	24 13	
Kharani	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Karachi	25 16	28 19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Khanpur	22 10	18 01	24 03	27 05	31 04	30 13	---	---	---	---	21 08	22 04	19 01	14 01	09 02	19 02	23 16	21 22	26 12	27 18	31 19	28 13	---	27 03	
Lahore	17 01	19 01	13 03	17 01	---	---	---	---	---	---	---	---	---	---	---	---	26 05	29 03	24 04	24 21	06 04	02 04	24 02	---	
Multan	03 05	01 06	34 00	32 19	35 14	---	---	---	---	---	---	---	---	---	---	---	25 15	25 06	23 02	22 08	06 16	25 17	04 14	---	
Peshawar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Quetta					29 10	24 06	21 18	28 07	25 18	26 15	---	---	---	---	25 06	29 15	---	---	---	---	---	---	---	---	
Bushire											---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Shariab											---	---	---	---	---	---	---	---	---	---	---	---	---	---	

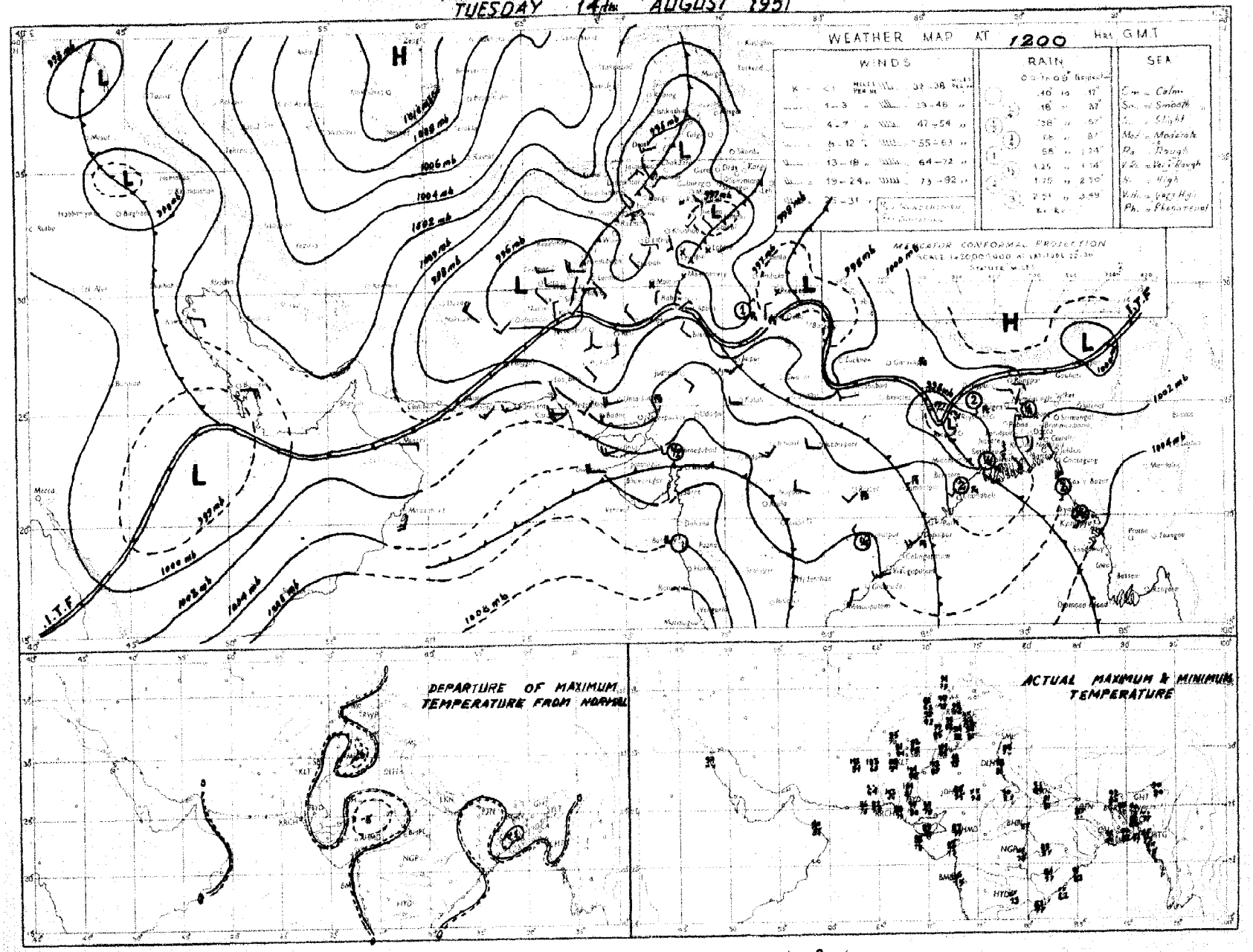
Cloud Observation Data (iiiGG Cddv, v,)

* 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, 0.5, 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 columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

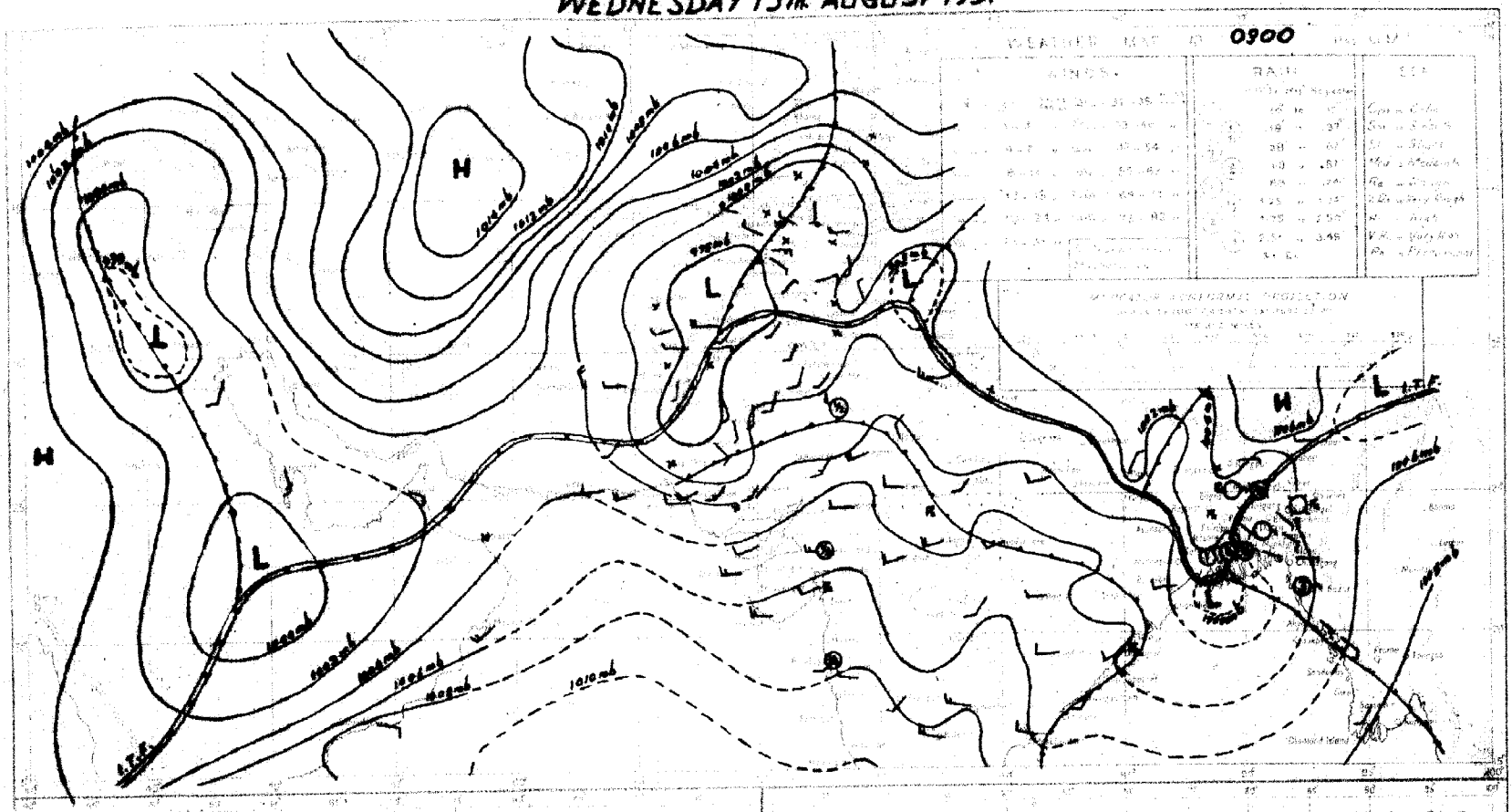
TUESDAY 14th AUGUST 1951

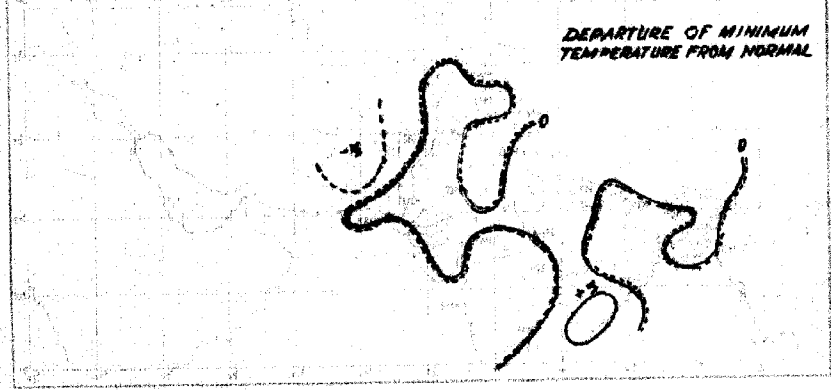


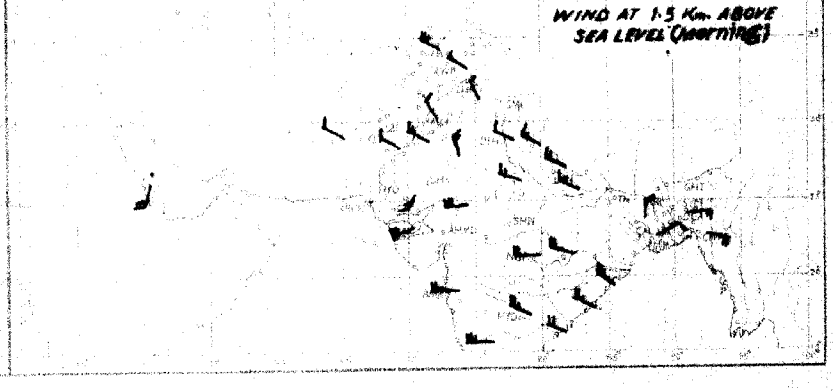
Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 15th AUGUST 1951







Monthly Subscription
Pages 1—2
Pages 1—4

Regd. No. S-1467

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 16TH AUGUST, 1951

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

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

Seasonal low lies accentuated over the Punjab.

Yesterday's well marked trough in the north Bay of Bengal is concentrating into a depression.

Fairly widespread rain has occurred in East Pakistan.

Chief amounts of rainfall are :—Mymensigh 1¼", Jessore, Comilla, Bogra and Sirajganj ½" each, and Cox's Bazar, Srimangal and Satkhira ½" each.

Day temperatures were generally appreciably above normal in East Pakistan and the Punjab, and generally appreciably below normal in north Baluchistan.

Forecast valid until the evening of 17th :—Local rain/thundershowers will occur in East Pakistan and scattered thunderstorms in the extreme north Punjab and Kashmir. Dustraising winds will also occur in west Baluchistan.

Karachi-11.
The 16th August, 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$_L$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$_L$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	025 76	5 16 03	95 02 6	011 80	2 6 6 3 0	- - - 87	037 77	0 11 07	95 61 6	020 79	2 6 6 2 0	- - - 78	+ 2	0	68.0	19 1	72.6	148
	Chittagong	010 78	7 20 05	97 60 6	996 82	2 2 6 2 0	- - - 87	012 74	7 11 02	97 02 6	017 84	6 8 6 9 1	- - - 78	+ 3	+ 2	48.8	- 7.1	78.6	105
	Comilla	000 80	5 13 12	98 03 1	990 96	0 9 7 0 1	- - - 89	040 76	3 05 09	98 01 1	009 86	1 1 7 0 2	9 0 0 78	+ 2	+ 2	66.6	+22 6	73 1	118
	Brahmanbaria	000 80	8 18 02	97 01 1	993 98	9 1 5 0 1	0 4 x 93	000 75	2 18 05	97 01 1	023 87	0 0 9 0 5	2 4 x 80	—		32.7	- 1.0	42 6	94
	Dacca	000 76	4 18 05	98 01 2	981 87	3 2 6 0 1	91	xxx 77	6 11 08	97 01 1	013 83	8 8 x 0 0	- - - 79	-		—		—	78
	Narayanganj	000 77	2 18 05	95 01 1	989 88	1 4 5 0 8	5 0 x 92	000 76	4 08 08	96 03 1	010 89	5 5 5 2	- - - 80	+ 5	+ 1	40.3	+ 8 1	59.2	74
	Mymensingh	000 80	0 00 00	99 60 6	987 88	0 0 9 0 0	- - - 92	125 78	4 00 08	99 02 6	025 84	4 1 6 0 0	- - - 79	+ 4	+ 1	39.9	- 1 5	58.8	91
	Srimangal	000 81	5 00 00	97 01 1	934 90	2 1 7 0 1	- - - 93	018 78	7 36 08	97 02 6	026 83	5 8 7 3 0	- - - 78	+ 3	+ 2	43 7	+ 3.8	70.9	99
	Khulna	010 80	x 13 05	98 02 5	987 84	6 4 7 0 0	- - 90	010 77	6 04 05	98 01 2	005 84	6 8 7 0 0	- - - 80	+ 3	+ 2	21.1	2 9	30.6	68
	Satkhira	000 79	8 xx xx	97 03 5	122 85	x 9 5 6 0	5 0 x 92	030 78	8 xx xx	97 03 6	006 80	7 9 6 6 0	8 0 x 79	+ 4	+ 1	19.1	12.5	27 7	64
	Jessore	046 80	2 13 02	97 01 6	980 87	2 2 6 0 0	7 x x 93	046 78	6 00 06	96 80 6	004 84	6 8 5 0 9	- - - 77	—	-	19.9	11 7	26.0	65
	Faridpur	003 80	3 18 05	96 50 6	984 87	2 4 6 1 0	9 x x 87	004 78	4 11 09	97 50 9	013 64	2 4 6 1 0	2 x x 79	0	+ 1	27 9	- 4 0	34 7	71
	Barisal	000 77	4 16 03	98 01 1	936 85	8 5 6 0 1	- - - 91	009 77	7 11 06	98 08 6	006 86	4 7 5 5 8	- - - 79	+ 4	+ 1	29.8	- 9.4	30.5	81
	Pabna																		58
	Rampur Boalia	040 81	2 00 00	99 01 1	967 88	2 1 7 - -	- - - 88	040 78	1 09 05	96 01 1	009 85	1 1 7 - -	- - - 77	+ 1	2	28.8	0.9	38 8	56
	Sirajganj	014 85	6 23 02	96 01 4	933 86	5 6 6 0 1	- - - 89	050 80	6 09 03	96 01 9	012 86	4 2 5 3 0	- - - 70	+ 1	8	27.0	5 2	33.3	54
	Bogra	000 79	3 00 00	97 01 2	985 86	0 0 9 0 9	- - - 89	000 80	3 09 02	97 01 0	022 89	0 0 9 0 8	- - - 80	0	+ 2	27.0	8 3	31.2	60
	Dinajpur	000 xx	8 09 02	96 02 1	— —	8 5 8 0 0	- - - -	000 xx	3 09 02	98 02 1	— —	9 1 8 0 0	- - - —	—	—	49 4	+ 6.9	59.0	72
	Rangpur																		84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 75	0 00 00	96 00 0	954 97	0 0 9 0 0	- - - 99	000 79	2 08 02	95 04 0	960 87	0 0 9 0 2	1 0 0 85	+ 1	+ 5	5.8	0.2	10 9	12
	Lahore	000 79	3 00 00	97 01 1	957 99	2 2 7 0 1	9 8 x 99	000 81	8 20 03	96 03 1	975 86	0 0 9 7 6	0 7 8 82	+ 1	+ 5	9 5	0.3	18.6	19
	Sialkot	000 78	4 31 02	97 02 1	953 96	2 5 6 6 0	- - - 97	000 83	6 00 00	97 03 1	950 87	6 0 8 4 0	- - - 85	+ 3	+ 7				32
	Jhelum	000 78	3 00 00	97 03 1	956 96	2 2 7 0 1	8 0 x 98	000 80	0 00 00	96 03 1	972 88	0 0 9 3 1	9 2 9 88		—	12.4	—	21 8	—
	Rawalpindi	000 77	3 00 00	99 01 1	950 95	2 2 7 0 0	- - - 98	000 77	3 27 02	99 01 1	970 87	0 0 9 1 0	- - - 81	+ 4	+ 6	12.4	- 3 0	23.3	36
	Murree †	000 67	6 29 02	96 02 1	917 73	6 9 4 0 0	9 x x 76	000 64	5 00 00	96 02 4	981 26	5 5 2 0 0	2 x x 42	+ 5	+ 5	14.7	- 10 2	37.3	39
	Attock	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 13 05	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—		—
	Khushab	000 73	1 16 05	99 01 1	749 09	1 2 6 x x	- - - 02	000 77	6 11 05	99 03 1	962 90	6 0 9 0 4	- - - 86	+ 2	+ 5	1.9	- 5.3	7.5	16
	Montgomery	000 79	2 00 00	97 01 1	955 00	2 2 7 0 0	9 x x 02	000 77	0 00 00	96 01 1	959 88	0 0 9 0 0	- - - 84	+ 1	+ 2	2.5	- 3.0	6.1	10
	Leiah	000 87	0 00 00	97 00 0	947 94	0 0 9 0 0	- 06	000 84	0 00 00	97 00 0	950 91	0 0 9 0 0	- - - 87	—	—	0.9	—	6.6	8
	Multan	000 76	0 18 02	97 00 0	958 03	0 0 9 0 0	- - - 05	000 77	0 21 05	96 00 1	969 87	0 0 9 0 0	- - - 85	+ 6	+ 2	1.7	2 0	4.7	7
	Khanpur	000 68	0 23 05	95 05 0	961 04	0 0 9 0 0	- - - 05	000 63	0 21 05	95 05 0	974 83	0 0 9 5 5	9 9 9 81	+ 2	0	1.9	2 0	7.5	6
	Bahawalpur	000 78	0 27 02	97 00 1	953 03	0 0 9 0 0	3 0 0 04	000 63	4 21 12	94 04 1	970 86	0 0 9 0 3	0 0 4 85	+ 3	+ 4	0.5	3 1	3.6	6
	Fort Abbas	000 90	2 23 02	96 03 1	955 00	0 0 9 3 0	5 x 8 02							—					8
N. W. F. P.	Drosh *	000 80	4 25 10	92 02 1	849 95	4 9 7 0 0	3 x x 99	000 58	0 00 00	99 00 0	895 81	0 0 9 0 0	- - - 76	—	+ 4	1.0	—	21 3	10
	Chakdara	000 74	0 00 00	99 00 0	936 95	0 0 9 0 0	- - - 98	000 72	0 00 00	98 00 0	958 85	0 0 9 0 0	- - - 77	—	—	6 2	—	15 5	—
	Cherat *	000 67	2 18 09	98 01 1	893 85	2 1 x 0 0	4 x x xx	000 67	0 00 00	98 00 0	299 78	0 0 9 0 0	- - - 74	—	+ 4	3.5	- 4 3	25.4	29
	Peshawar	000 74	6 05 07	98 08 1	939 98	4 9 6 8 0	- - - 01	000 76	2 31 07	98 02 1	965 88	1 1 7 0 1	- - - 82	+ 3	+ 3	0.5	- 2 5	7.9	14
	Parachinar	000 59	3 13 02	99 01 1	790 86	0 0 9 3 0	5 x 7 95	000 55	0 00 00	99 00 1	914 75	0 0 9 0 0	9 x x 66	—	+ 1	7.9	—	25.7	29
	Miranshah	000 68	5 11 08	98 02 1	878 94	0 0 9 5 5	- - - 98	000 69	0 00 00	99 00 0	886 82	0 0 9 0 0	- - - 79	—	—	2.9	0 6	10.5	13
	Bannu	000 73	6 00 00	99 00 0	966 01	0 0 9 3 0	- - - 02	000 75	0 00 00	99 00 0	975 87	0 0 9 0 0	- - - 85	—	—	8.2	—	8.1	11
	D. I. Khan	000 74	0 25 04	96 00 0	961 06	0 0 9 0 0	- - - xx	000 79	0 09 02	95 00 0	951 87	0 0 9 0 0	- - - 77	—	4	1 1	3 0	2.8	9
	Wana	000 69	5 13 03	99 02 1	563 92	5 4 6 0 0	- - - 96	000 71	0 00 00	99 00 0	882 86	0 0 9 0 0	- - - 77	—	—	1.8	—	11.4	13
	Landikotal							xxx xx	0 00 00	97 00 1	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Hangu	xxx xx	5 27 00	98 08 1	— —	2 9 7 3 1	- - - —	xxx xx	0 24 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thall																		—
BALUCHISTAN	Fort Sandeman	000 35	0 00 00	97 01 0	854 97	0 0 9 0 0	0 x x 99	000 45	0 00 00	98 05 0	903 78	0 0 9 0 0	0 x x 74	0	+ 1	2.8	- 1.1	8.7	15
	Hindubagh	000 30	7 27 09	98 03 2	803 81	0 0 9 0 5	7 9 x 93	000 35	0 27 13	98 00 0	916 80	0 0 9 0 0	- - - 67	—	—	0 1	—	8.4	—
	Loralai	000 68	0 23 02	96 00 2	906 90	0 0 9 0 0	- - - 93	000 58	0 23 02	98 00 0	897 77	0 0 9 0 0	- - - 67	—	-	1.7		8 1	—
	Harnai (a)	000 60	7 27 02	93 02 2	— —	0 0 9 2 5	9 6 6 —	000 00	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	-	—	2.0	- 3.3	10 6	14
	Sibi	000 54	4 00 00	97 02 1	947 04	0 0 9 0 1	- - - 05	000 37	0 00 00	97 00 0	981 87	0 0 9 0 0	- - - 84	—	—	2.1	—	3.7	5
	Quetta †	000 24	4 34 07	99 01 1	922 89	0 0 9 0 5	- - - 91	000 37	0 31 02	— — -	913 68	0 0 9 0 0	- - - 62	—	—	0.3	- 0.2	9.3	9
	Chaman	000 59	0 31 02	97 00 0	899 95	0 0 9 0 0	- - - 95	000 21	0 23 03	97 00 0	919 75	0 0 9 0 0	- - - 68	- 4	- 4	0	0 1	9.6	8
	Nushki	000 55	4 27 03	98 01 1	958 00	0 0 9 0 1	4 4 0 01	000 37	2 00 00	96 01 1	978 80	0 0 9 0 1	9 x 0 75	—	—	0	—	5.4	—
	Dalbandin *	000 61	6 31 00	96 08 1	901 03	0 0 9 0 4	- - - 05	000 39	2 31 02	96 03 0	923 77	0 0 9 0 2	- - - 68	2	8	0	0 3	1.8	4
	Nokkundi	000 59	0 34 13	96 05 1	984 03	0 0 9 0 0	9 x x 05	000 53	3 34 13	99 03 1	013 88	0 0 9 0 1	9 0 x 79	—	—	0	—	0.9	3
	Kalat †	000 61	0 35 09	97 00 0	936 83	0 0 9 0 0	- - - 88	000 48	0 18 02	98 00 0	947 62	0 0 9 0 0	- - - 53	- 4	- 4	0.7	0.8	9.7	7
	Turbat	000 79	1 24 03	97 08 0	966 09	0 0 9 0 1	6 0 x 11	000 77	0 00 00	96 00 9	xxx 88	0 0 9 0 0	- - - 80	—	—	—	—	—	—
	Panjgur *	000 71	6 31 07	97 08 1	916 97	0 0 9 0 6	8 9 x 97	000 63	1 31 02	97 08 1	932 77	0 0 9 0 1	3 4 x 66	- 3	- 8	0	—	3.2	5
	Las Bela	000 85	0 16 04	99 00 0	977 28	0 0 9 0 0	- - - 98	000 75	0 00 00	98 00 0	002 81	0 0 9 0 0	- - - 69	—	—	0.1	-	0.8	8
	Ormara	000 75	2 25 13	96 08 0	002 84	2 5 6 0 0	- - - 86	000 77	6 25 09	95 41 1	011 80	0 5 6 0 0	- - - 78	—		0.3	- 0.4	3.1	8
	Pasni	000 75	0 28 09	98 00 0	002 84	0 0 9 0 0	- - - 87	000 76	7 25 03	96 02 1	016 80	7 5 6 0 0	9 x x 77	- 1	+ 1	0 5	0 4	4.7	6
	Jiwani																		4
SIND	Reti	000 78	0 13 05	96 00 0	905 04	0 0 9 0 0	- - - 04	000 78	2 13 05	96 03 0	008 88	0 0 9 4 0	- - - 83	—	—	1.5	—	2.1	—
	Jacobabad	000 86	0 23 05	97 00 0	956 05	0 0 9 0 0	- - - 05	000 74	3 16 05	96 03 1	980 84	0 0 9 1 1	- - - 82	+ 1	0	1.3	0.7	1.3	4
	Sukkar	000 76	0 00 00	96 00 1	967 06	0 0 9 0 0	- - - 66	000 76	2 20 09	96 02 1	977 82	0 0 9 0 3	- - - 79		-	0.5	—	1.0	4
	Pad Idan	000 67	0 13 05	98 00 1	967 04	0 0 9 0 0	- - - 05	000 78	2 13 09	98 01 1	972 82	0 0 9 0 1	- - - 79	—	-	0	—	0.1	—
	Karachi (Manora)	000 76	5 25 09	98 01 2	008 82	2 6 4 1 0	- - - 84	000 75	8 27 12	94 10 2	007 78	8 6 4 0 0	- - - 77	- 1	1	1 5	- 3 4	1.6	6
	Karachi (A. P.)	000 74	8 23 10	97 02 5	005 84	8 6 5 - -	- - - 86	000 75	8 25 12	96 20 2	007 79	8 6 4 - -	- - - 73	—	—	2.9		3.0	-
	Badin	000 76	6 xx xx	97 03 2	990 89	0 0 0 0 3	- - - 91	000 73	6 xx xx	97 08 1	006 82	0 0 9 0 3	- - - 80	- 1	+ 1	0.8	4.0	0.8	9
	Nagarparkar																		
	Chhor (Umerkot)	000 77	5 25 12	97 00 0	978 91	0 0 9 0 5	- - - 96	000 75	8 20 10	97 00 0	022 81	0 0 9 3 0	- - - 78	—	—	2.1	—	2.1	—
	Hyderabad	000 73	0 28 10	97 00 0	939 92	0 0 9 0 0	- - - 96	000 74	1 22 07	96 01 1	089 82	0 0 9 0 1	- - - 80	+ 1	+ 1	1.7	- 3.0	1.9	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul							000 73	1 00 00	97 01 1	984 82	0 0 9 7 0	9 x 9 79	—	—	0	—	6.9	13
	Jalalabad	000 84	2 09 02	97 02 1	980 99	1 2 4 5 0	2 x 9 00	000 54	0 00 00	97 00 0	881 68	0 0 9 0 0	- - - 56		—	0	—	10 5	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY THE 16TH AUGUST, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd	VV ww W	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	VV ww W	PPP/TT	$N_h C_L h O_M O_H$	$W_1 D_H D_M T_n T_n$	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	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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13
Arabia	Muscat	---	---	---	---	--	---	--	---	---	---	---	---	---	---	---	---	---	6
	Sharjah	---	---	---	---	--	---	--	---	---	---	---	---	---	---	---	---	---	4
	Kuwait	000 xx	0 11 01	96 00 0	003 93	0 0 9 0 0	--- 94	000 xx	0 25 09	97 00 0	025 98	0 0 0 0 0	--- 61	--	--	0	--	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre : 3,850-3,856 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre : 6,699-6,718 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 hC_M C_H	D_a 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										
Karanja	43 019	499 12	1 18 09	99 02 0	127 79	11 5 00	9 6 815	--	0 51 76	1 18 22
Punera	43 076	699 12	2 27 05	99 02 0	104 82	22 w 01	6 5 615	--	0 51 74	1 29 22
Theliconus	43 187	724 12	4 27 09	99 16 1	070 68	42 6 81	2 5 300	--	0 05 78	1 27 xx
Jahangir	43 174	679 00	5 25 10	98 01 1	092 82	52 6 00	6 5 092	8 5 5801	0 02 78	1 25 52
Pintakuta	43 101	789 12	8 31 04	99 02 1	918 82	--	--	--	--	--
BAY OF BENGAL										
Taktang	42 123	848 00	7 23 09	97 88 2	21x 78	84 3 02	8 4 5xx	--	0 52 77	1 18 22
Takcang	42 102	962 12	7 23 09	98 25 1	078 81	44 x 42	8 4 800	--	0 58 76	1 25 22

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 ...	789 14	999 27	247 60	864 75	850 72	700 26	160 14	509 31	539 90	302 01	789 97	291 13	999 97	555 55	319 00	251 46	328 85	251 03	458 68	250 09	658 00	228 32	695 27	609 90	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. ††										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
1	2	3	4	5	6	7	8	9	12	15	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	10 04	--	--	--	--	--	--	--	--	--	11 07	--	--	--	--	--	11 14	10 19	09 15	--	--	--	--	--
Dhnor	21 20	22 21	23 23	22 03	--	--	--	--	--	--	--	--	--	--	--	--	22 23	22 26	23 23	--	--	--	--	--
Chittagong	21 17	21 19	--	--	--	--	--	--	--	--	15 23	--	--	--	--	--	13 15	13 17	13 18	--	--	--	--	--
Cox's Bazar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dacca	13 13	12 14	13 15	13 15	10 10	09 14	11 19	--	--	--	14 14	13 13	13 11	--	--	--	11 08	11 14	11 16	--	--	--	--	--
Daibandir	--	--	25 03	23 20	21 06	20 13	24 12	--	--	--	--	--	30 04	24 12	26 00	26 17	--	--	--	24 00	21 09	24 00	23 12	22 16
Drosa	--	--	--	--	24 07	18 08	22 01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	22 00	23 02	24 11
Fort Sandeman	--	--	--	29 04	28 04	27 18	22 09	26 28	--	--	--	--	--	24 09	30 10	31 11	--	--	--	24 05	28 08	28 08	31 20	28 06
Jacobabac	19 05	18 07	23 04	24 07	01 11	01 07	30 09	25 12	--	--	16 16	21 09	25 07	28 04	27 08	31 13	17 10	22 06	30 01	14 12	25 14	08 09	28 11	--
Phelum	17 03	20 05	23 05	29 04	22 06	21 08	26 18	24 28	25 18	--	16 03	23 10	18 00	28 04	31 10	31 15	11 05	17 05	23 04	16 08	21 06	24 12	30 18	30 07
Siwani	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Karachi	26 28	27 08	--	--	--	--	--	--	--	--	27 15	27 22	--	--	--	--	26 19	--	--	--	--	--	--	--
Khanpur	23 15	24 12	25 28	27 03	27 03	--	--	--	--	--	20 13	21 11	--	25 05	24 12	--	21 10	22 14	25 20	--	--	--	--	--
Lahore	--	25 01	28 03	27 04	27 13	26 05	--	--	--	--	18 05	28 06	21 06	28 07	29 07	31 08	21 05	22 04	25 04	24 01	26 05	25 14	28 06	28 04
Multan	13 06	19 09	25 05	28 04	02 09	25 12	--	--	--	--	22 22	21 20	21 16	29 10	--	--	21 80	22 21	29 15	15 09	28 06	23 18	28 13	28 09
Peshawar	--	09 02	29 02	28 05	25 09	31 15	27 10	28 18	--	--	--	30 10	24 06	22 07	28 08	29 09	--	23 13	22 11	25 09	01 04	23 09	22 26	28 09
Quetta	--	--	--	--	26 08	27 04	27 09	--	--	--	--	--	--	--	27 11	29 25	--	--	--	--	28 05	29 13	28 07	--
Bushire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Shariab	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

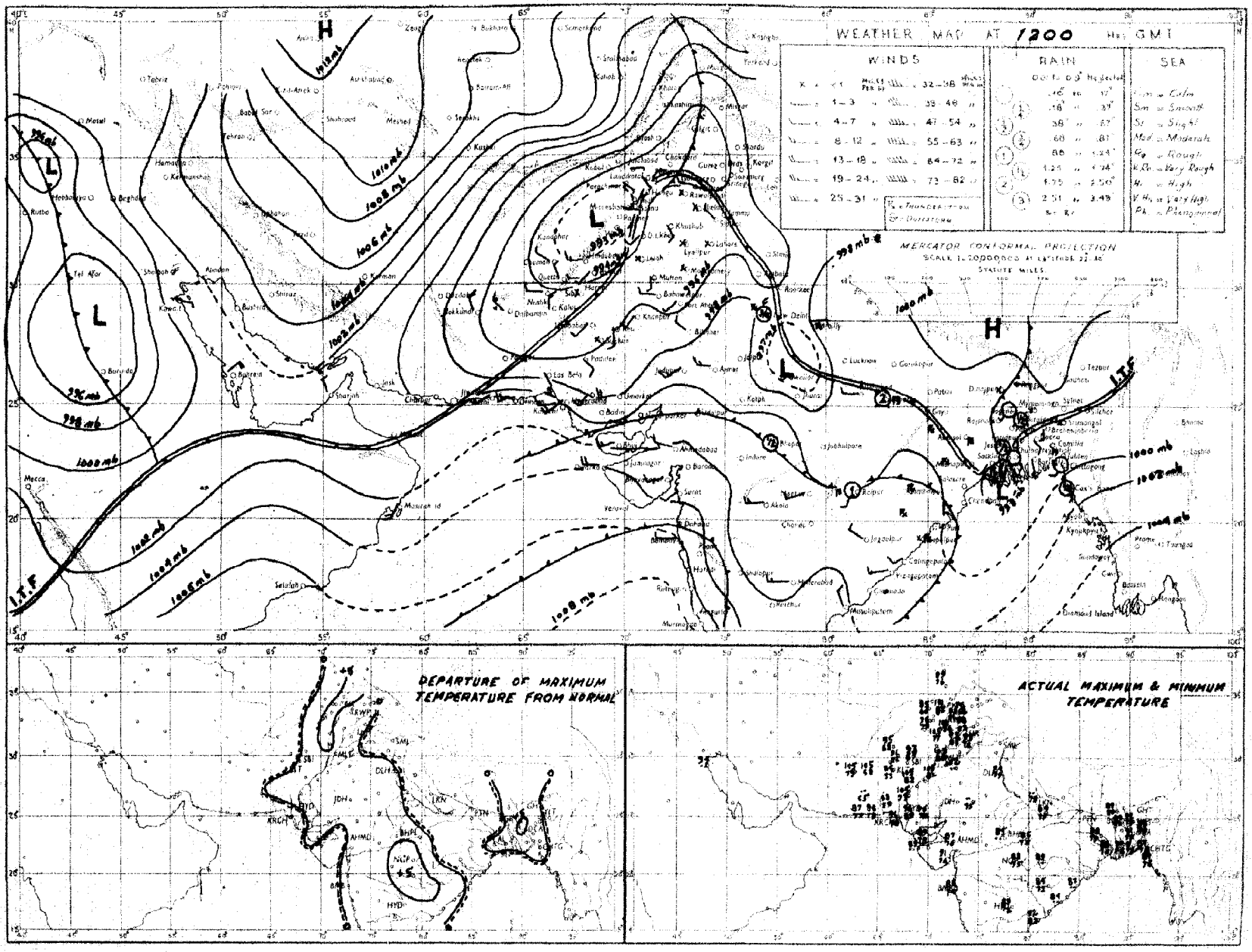
Cloud Observation Data (iiiGG Cddv, v,)

* 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, 0.0, 0.5, 1.0, 1.5, 2.0 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

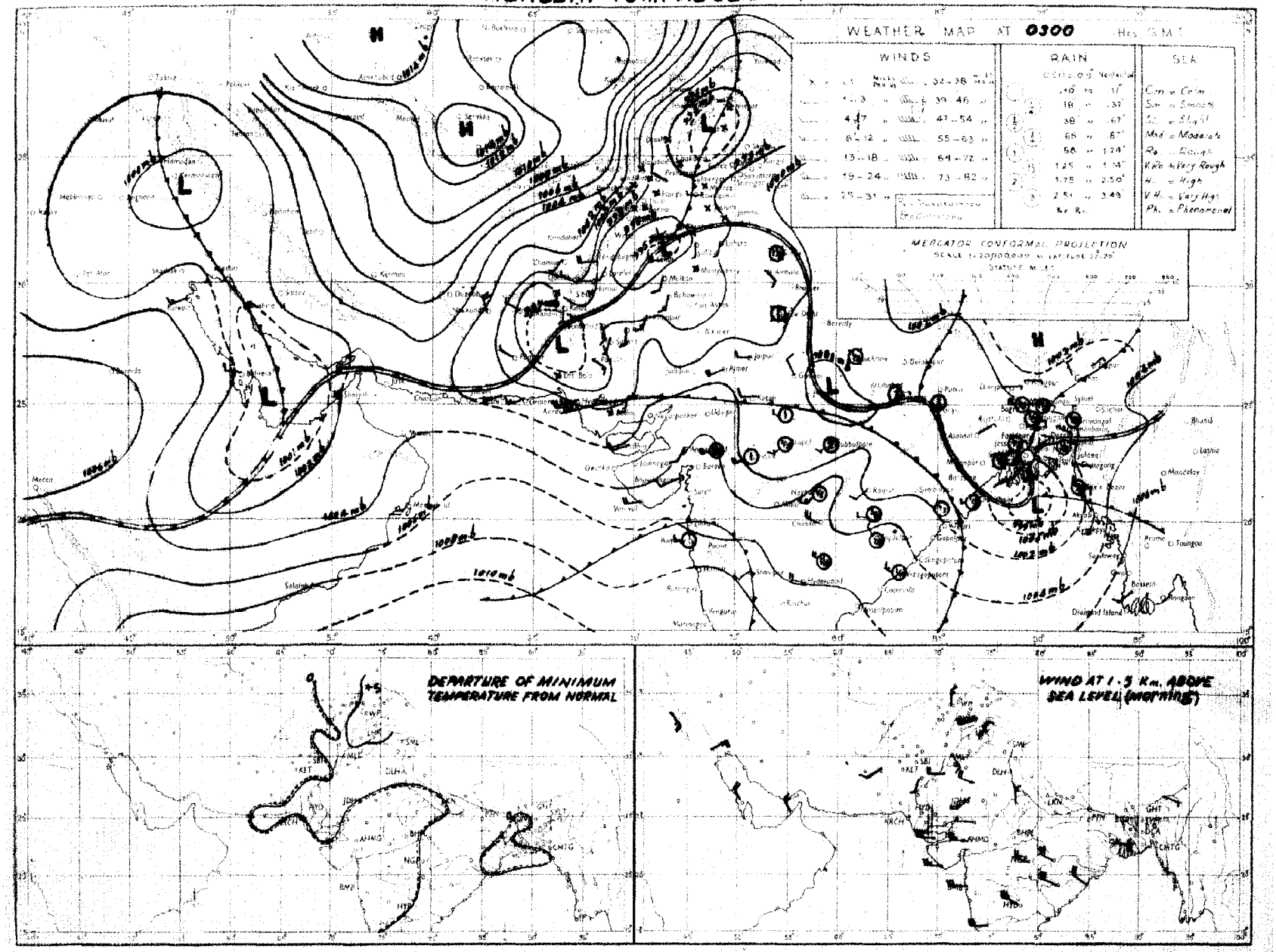
WEDNESDAY 15th AUGUST 1951



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 16th: AUGUST 1951



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

Monthly Subscription
Pages 1—2
Pages 1—4

Regd. No. S-1467

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 17TH AUGUST, 1951

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

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

The well marked trough in the north Bay of Bengal concentrated into a shallow depression which moved inland in northwesterly direction and now lies over south Bihar and Chota Nagpur. It is likely to move northwestwards.

Seasonal low extends from the south Punjab to the Gulf of Oman.

Rain/thundershowers have been fairly widespread in East Pakistan the upper North-West Frontier Province and local in the Punjab.

Chief amounts of rainfall are :—Jhelum 3", Cox's Bazar and Chakdara 2" each, Rawalpindi and Murree 1" each ; Chittagong, Satkhira and Barisal ½" each, and Narayanganj, Mymensingh, Srimangal, Faridpur, Lahore, and Sialkot ½" each.

Day temperatures were generally appreciably above normal in the Northern districts of East Pakistan and over West Pakistan outside Baluchistan.

Forecast valid until the evening of 18th :—Fairly widespread and locally moderate to heavy rain will occur in East Pakistan and the extreme north Punjab. Local rain/thundershowers will occur in the North-West Frontier Province, Kashmir and plains of the Punjab. Scattered thunderstorms will occur in upper Sind and scattered duststorms in north Baluchistan.

Karachi-11.
The 17th August, 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$_R$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$_R$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	034 77	8 13 02	96 03 6	012 78	3 6 4 2 0	- - - 84	218 78	8 11 03	44 61 6	040 79	3 6 6 2 0	- - - 76	- 1	0	65.2	-18 0	74.8	140
	Chittagong	026 76	8 16 09	96 02 6	996 79	8 8 6 0 0	- - - 89	066 77	8 16 09	96 61 6	035 78	4 7 6 2 0	- - - 76	+ 3	0	49.5	- 7 2	79.2	105
	Comilla	000 75	6 13 09	94 03 1	985 88	6 4 7 0 0	- - - 85	000 76	7 13 13	95 03 1	024 82	7 4 7 0 0	- - - 78	- 2	+ 2	66 6	+22 0	73 1	118
	Brahmanbaria	000 77	6 13 09	97 03 1	990 84	6 5 5 0 0	- - - 93	000 76	7 18 09	97 03 1	025 86	7 6 5 0 0	- - - 79	—	—	52 7	- 1.5	42 6	94
	Dacca	xxx 78	7 13 03	97 91 6	979 79	4 5 5 7	- - 91	xxx 77	8 11 09	98 02 6	012 81	7 7 4 8	- - - 77	—	—	—		—	78
	Narayanganj	008 78	8 13 05	95 03 6	976 84	6 5 5 9	- - - 92	018 76	8 13 05	95 08 6	024 82	8 5 5 - -	- - - 79	+ 5	0	40 5	+ 7 9	50.4	74
	Mymensingh	000 79	0 09 02	99 60 9	988 87	0 0 9 0 0	- - 90	035 79	8 09 05	99 02 6	024 84	8 4 7	- - - 78	+ 3	0	40.3	16 3	59.2	91
	Srimangal	009 77	8 00 00	94 60 9	989 80	8 5 6	- - - 92	019 77	7 05 02	97 02 6	037 83	4 8 5 4 1	- - - 77	+ 2	+ 1	43 9	+ 3 5	71 1	96
	Khulna	000 76	5 04 02	96 00 0	966 82	6 4 7 0 0	- - - xx	000 78	4 09 02	96 01 1	002 82	4 8 6 0 0	- - - 79	x	+ 1	21.1	- 5 5	30 6	66
	Satkhira	059 78	8 xx xx	97 03 6	965 83	8 9 6 6 0	6 0 x 88	059 78	7 xx xx	97 03 6	998 82	5 4 6 6 0	6 0 x 79	0	+ 1	19 7	-12 8	28 3	66
	Jessore	005 79	6 09 02	96 02 6	964 80	6 8 6 0 0	2 0 0 90	005 79	7 16 05	96 02 2	997 85	7 8 6 0 0	- - - 77	—	—	15.9	12 2	26 0	65
	Faridpur	022 78	8 11 05	96 02 8	985 79	6 4 6 1 0	- - - 89	022 78	8 11 13	97 50 5	013 82	6 7 6 1 0	2 x x 78	+ 2	0	28.1	- 4 2	34 9	71
	Barisal	058 79	8 16 03	96 21 6	971 80	5 7 5 2 6	- - - 86	061 77	8 18 05	97 92 6	008 81	7 7 5 2 -	- - - 79	- 1	+ 1	30.3	- 9 5	40.0	81
	Pabna																		60
	Rampur Boalia																		66
	Sirajganj	000 70	8 00 00	98 02 2	968 82	8 2 7 - -	- - - 61	000 77	8 13 08	98 02 2	010 83	8 2 7 - -	- - - 79	+ 4	0	2.9	1 3	38.8	64
	Bogra	000 78	7 09 05	96 02 1	977 89	3 2 6 0 5	- - 92	000 77	0 09 06	96 03 9	013 81	7 5 5 - -	- - - 79	+ 3	+ 1	27.0	- 5 6	33.8	66
	Dinajpur	000 79	0 00 00	97 03 0	995 90	0 0 9 0 0	- - - 92	000 77	4 09 05	97 02 2	020 86	0 0 9 4 0	- - - 80	+ 8	+ 2	27 0	8 7	31.2	72
	Rangpur	000 xx	2 07 02	98 02 1	— —	2 1 8 0 0	- - - -	000 xx	2 11 02	98 02 1	— —	2 1 8 0 0	- - - —	—	—	—	—	—	64
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg †a†																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 78	5 16 02	96 02 0	941 98	0 0 9 2 0	- - - 00	000 75	1 29 04	96 02 0	008 87	0 0 9 0 2	- - - 80	+ 2	0	5.8	- 0.4	10 0	12
	Lahore	000 82	5 13 09	96 03 2	957 95	8 9 6 - -	9 x x 00	026 79	8 00 00	96 50 9	015 80	6 7 5 5 -	9 x 9 76	+ 3	- 2	9.8	0.2	13 9	19
	Sialkot	000 74	6 18 07	97 17 1	968 87	6 3 6 x x	- - - 97	030 77	8 31 06	98 03 9	021 79	8 5 6 - -	9 9 9 77	+ 3	- 1	12.8	- 3.4	17.7	32
	Jhelum	000 79	5 20 02	98 01 1	948 96	3 3 7 0 3	9 9 x 99	260 78	8 00 00	96 58 9	018 74	4 7 5 2 -	9 x 9 74	—	—	12.4	—	21 8	—
	Rawalpindi	000 78	5 13 02	98 03 1	945 92	4 2 7 3 0	- - - 99	101 76	6 00 00	98 03 1	018 77	6 9 5 - -	9 - - 72	+ 5	- 3	13.5	-23.2	24.3	36
	Murree †	022 67	6 29 03	98 02 6	914 71	3 3 3 5 0	4 x 4 73	103 59	8 13 05	95 61 9	933 62	8 9 3 - -	9 x x 59	+ 3	+ 2	15.7	- 9.8	35 8	60
	Attock							xxx xx	4 09 02	98 00 6	— —	4 0 6 2 0	- - - —	—	—	—			—
	Khushab	000 72	4 16 05	98 03 1	933 04	0 0 9 0 4	- - 05	000 72	1 11 05	99 01 1	005 81	0 0 9 1 0	- - - 77	+ 5	- 4	1.9	5 4	7.6	15
	Montgomery	000 79	8 23 08	96 03 1	947 98	0 0 9 0 4	7 0 x 01	000 77	2 23 05	96 01 1	998 84	0 0 9 3 0	9 x 0 82	0	0	2.5	3.1	6.1	16
	Leiah	000 79	0 13 05	97 00 0	942 96	0 0 9 0 0	- 09	000 84	7 00 00	97 02 1	986 90	0 0 9 0 2	- 87	—	—	0.9	—	6 6	8
	Multan	000 73	0 18 02	98 00 0	945 01	0 0 9 0 0	- - - 02	000 75	0 18 02	96 01 0	986 87	0 0 9 0 0	- - - 87	+ 4	+ 4	1.7	2 1	4.7	7
	Khanpur	000 65	6 18 05	95 05 1	936 08	0 0 9 8 6	9 9 9 05	000 74	6 18 10	95 05 1	972 86	0 0 9 4 7	9 9 9 83	+ 2	+ 2	1.9	2 1	7.5	6
	Bahawalpur	000 72	4 23 02	97 03 1	940 99	0 0 9 0 3	9 0 9 02	000 75	4 16 03	97 03 1	991 86	0 0 9 0 7	9 x x 84	+ 2	+ 3	0.6	3.1	3.6	6
	Fort Abbas	000 67	0 13 08	96 00 0	951 93	0 0 9 0 0	0 x x 98	000 62	0 12 02	86 00 0	980 80	0 0 9 0 0	- - - xx	—	—	0.3	—	1.2	6
N. W. F. P.	Drosh *	000 48	6 25 12	99 03 1	859 97	4 9 6 3 0	3 x 3 98	003 68	4 00 00	99 02 9	899 77	2 5 5 4 0	8 x 8 75	+ 8	+ 3	1.1	—	31.3	16
	Chakdara	000 75	0 36 02	99 00 0	913 97	0 0 9 0 0	00	183 71	8 36 03	92 02 2	011 75	8 5 6 0 0	8 x x 71	—	—	5 1	—	17.4	—
	Cherat *	000 66	2 18 10	98 01 1	882 90	2 1 9 0 0	7 x x xx	014 60	3 18 05	96 01 1	930 71	0 0 9 0 8	1 2 x 64	x	- 6	8.7	4 4	26.7	20
	Peshawar	000 69	3 02 07	96 02 1	915 02	2 3 7 7 1	03	004 71	5 02 02	97 03 6	015 79	3 5 7 4 0	5 x x 75	—	- 4	0.6	2 5	7.9	14
	Parachinar	000 59	3 13 02	99 01 1	910 86	0 0 9 3 0	6 x 7 87	000 61	6 00 00	98 02 0	924 69	3 2 6 6 0	2 x 9 67	0	+ 2	7.9	—	25.7	29
	Miranshah	000 77	3 07 05	98 00 0	868 98	8 1 9 3 4	- - - 99	000 71	8 07 05	96 04 2	906 79	8 5 6 6 5	- - 78	—	—	2.9	0 7	10.5	13
	Bannu	000 63	0 09 02	99 00 0	984 04	0 0 9 0 0	- - 04	000 77	0 05 03	96 05 4	006 86	0 0 9 0 0	- - - 85	—	—	3.2	—	8.1	11
	D. I. Khan	000 78	0 09 02	98 00 0	980 07	0 0 9 0 0	- - - xx	000 76	0 05 02	95 00 2	984 85	0 0 9 0 0	- - - 85	x	+ 4	1 1	3 1	2.6	9
	Wana																		13
	Landikotal	000 70	2 13 04	98 02 1	873 94	2 1 6 0 0	- - 97	000 70	8 05 03	98 02 2	901 77	8 7 5 0 0	- - - 78	—	—	1.8	—	18.4	—
	Hangu	xxx xx	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	xxx xx	7 36 12	98 03 1	—	3 8 7 3 1	- - - —	—	—	—	—	—	—
	Thall	xxx xx	3 18 09	98 01 1	- —	2 8 7 0 1	- - - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 28	6 00 00	98 31 0	451 01	0 0 9 0 1	0 x x 01	009 63	0 00 00	97 05 0	004 80	0 0 9 0 0	0 x x 75	+ 4	+ 2	2.8	- 1.2	8.7	11
	Hindubagh	000 35	0 27 05	93 00 0	881 93	0 0 9 0 0	- - 96	000 43	0 23 05	98 00 0	912 79	0 0 9 0 0	- - - 67	—	—	0.1	—	8.4	—
	Loralai	000 59	4 23 05	96 03 0	854 93	0 0 9 8 0	- 95	000 48	0 31 05	97 00 0	900 75	0 0 9 0 0	- - - 62	—		1.7		8 1	—
	Harnai (a)	000 00	0 09 02	96 01 1	—	0 0 9 0 5	3 6 0 —	000 00	0 27 02	95 00 0	—	0 0 9 0 0	- - - —	—	—	2.0	3.6	10.6	14
	Sibi	000 59	2 00 00	97 02 0	930 05	0 0 9 0 1	- 06	000 75	0 00 00	99 00 0	963 85	0 0 9 0 0	- - - 85	—	—	2.1	—	3.7	5
	Quetta †	000 27	4 27 07	99 01 1	011 90	0 0 9 0 5	- - 96	000 41	0 00 00	97 05 0	915 68	0 0 9 0 0	- - - 53	—	—	0.8	- 0.2	9.3	9
	Chaman	009 25	0 27 08	97 00 0	879 92	0 0 9 0 0	- 93	009 28	0 23 08	97 00 0	916 72	0 0 9 0 0	- - - 66	- 5	- 6	0	- 0 1	8.6	8
	Nushki	000 48	0 29 07	97 03 1	948 96	0 0 9 0 1	9 5 0 00	008 47	2 13 02	96 01 0	981 79	0 0 9 0 1	9 9 0 74	—	—	0	—	5 4	—
	Dalbandin *	000 55	4 34 03	96 03 1	894 02	0 0 9 0 1	- 04	000 44	0 00 00	94 05 0	919 73	0 0 9 0 0	- 67	- 1	- 4	0	0 8	1.8	4
	Nokkundi	000 51	0 34 13	96 06 1	956 00	0 0 9 0 0	9 x x 04	000 46	1 34 18	98 03 0	019 81	0 0 9 0 1	9 0 x 74	—	—	0	—	0.9	2
	Kalat †	000 61	0 32 09	98 00 0	924 82	0 0 9 0 0	- - - 83	000 45	0 00 00	98 00 0	989 82	0 0 9 0 0	- - - xx	- 6	—	0.7	0.8	9.7	7
	Turbat	000 66	0 02 05	97 00 0	968 16	0 0 9 0 0	- - - 17	000 65	0 00 00	xx 00 0	015 93	0 0 9 0 0	- - - 83	—	—	0		1 4	—
	Panjgur *	000 31	0 31 10	97 00 1	905 97	0 0 9 0 0	- - 98	000 27	0 31 02	97 00 0	913 81	0 0 9 0 0	- - - 75	- 3	+ 2	0	—	3.2	6
	Las Bela	000 77	0 22 08	99 00 0	950 01	0 0 9 0 0	- - - 06	000 78	0 00 00	99 00 0	985 85	0 0 9 0 0	- - - 71	—	—	0.1		0 3	6
	Ormara	000 78	2 25 13	95 07 0	962 96	2 5 6 0 0	- - - 88	000 76	6 00 00	96 01 1	962 79	6 5 6 0 0	- - 78	—	—	0.3	- 0.4	8 1	6
	Pasni	000 75	0 23 10	97 00 0	992 87	0 0 9 0 0	- - - 91	000 75	0 32 05	xx 42 4	982 75	0 0 9 0 0	3 x x 75	+ 2	—	9 5	- 0 4	4.7	6
	Jiwani																		4
SIND	Beti	000 78	4 09 03	96 03 1	976 03	0 0 9 4 0	4 0 2 04	000 78	2 18 05	96 03 0	008 88	2 0 9 4 0	- - 82	—	—	1.5	—	2.1	—
	Jacobabad	000 95	4 16 07	96 03 1	953 03	0 0 9 0 5	- - - 06	000 79	6 13 09	96 02 1	982 84	0 0 9 0 6	- - 81	+ 3	- 1	1.3	0.7	1.3	4
	Sukkur	000 79	6 20 02	96 03 1	936 04	0 0 9 0 8	- - 04	000 75	5 16 03	96 02 1	983 81	0 0 9 0 3	- - - 75	—	—	0.5	—	1.0	4
	Pad Idan	000 67	4 16 00	98 03 1	943 04	0 0 9 0 4	- - - 06	000 72	3 13 05	98 01 1	978 81	3 5 7 0 0	- - - 79	—	—	0	—	0.1	
	Karachi (Manora)	000 76	6 25 08	95 05 2	977 82	6 6 4 0 0	- - - 84	000 77	7 25 05	94 50 2	985 80	7 6 4 0 0	- - - 78	- 1	- 1	1.5	- 3 5	1 6	8
	Karachi (A. P.)	000 78	6 28 14	96 02 1	981 95	6 5 5 0 0	- - - 87	000 77	8 25 07	97 02 2	986 81	8 6 4 - -	- - - 79	—	—	2 9		3.0	8
	Badin	000 76	0 xx xx	97 00 1	980 89	0 0 9 0 0	- - - 94	000 76	0 xx xx	97 00 0	986 82	0 0 9 0 0	- - - 80	+ 2	+ 1	0.8	—	0.8	8
	Nagarparkar																		
	Chhor (Umarkot)	000 79	8 18 17	97 00 0	968 93	0 0 9 0 3	- - - 95	000 76	4 18 12	97 00 0	987 82	0 0 9 4 0	- - - 80	—	—	2.1	—	2.1	—
	Hyderabad	000 75	3 23 07	97 01 1	963 92	0 0 9 0 4	- - - 99	000 74	7 23 09	96 03 1	981 81	0 0 9 0 2	- - - 79	+ 4	0	1.7	- 3 1	1.9	7
JUNAGADH	Veraval																		29
AFGHANISTAN	Kabul	000 43	1 03 02	98 01 0	951 00	0 0 9 2 1	- - - 92							—					12
	Jalalabad	000 84	2 09 02	97 01 1	978 01	0 0 9 7 0	2 x 9 08	000 76	7 18 02	96 01 1	985 83	2 5 6 4 0	2 x 9 81	—	—	0	—	6.9	—
	Kandahar	000 83	1 00 00	93 01 1	892 95	0 0 9 0 2	- - - 99							—					—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY THE 17TH AUGUST, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_x T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_d T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h O_M C_H$	$W_1 D_S D_M T_n T_n$	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	20
Iran	Charbar	-	-	-	-	-		...	-	-	-	-		-	-	-	-	-	6
	Jask	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	6
	Mashed	...	-	-	-	-		-	-	-	-	-		-	-	-	-	...	10
	Bushire		...	-		-		-	-	-	-	-		-	-	-	-		11
Arabia	Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Sharjah																		4
	Kuwait	000 xx	0 09 08	96 00 0	000 05	8 9 9 0 0	- - - 89	000 xx	0 25 03	97 00 0	997 97	0 0 0 0 0	- - - 92	...	...	0	...	1.5	4

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 feet according to latitude..
† Barometer readings reduced to 2 geodynamic Kilometre (6,999-6,713 feet according to latitude..
†† Barometer readings reduced to 5 geodynamic Kilometre (16,040-16, 069 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 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	$N_h C_L h C_M C_H$	$D_s v_s$ 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										
Dabra	68 081	601 06	3 22 10	99 01 0	134 81	11 × 06	6 5 310	...	8 00 75	1 27 32
Jeorey	68 174	685 06	7 22 13	97 08 2	076 81	71 4 ×5	2 4 800	...	0 06 77	1 23 59
Empire Trooper	68 065	718 06	8 25 13	99 02 0	133 84	11 4 57	-	...	---	-
Palm Cotta	68 229	670 06	6 25 13	97 02 1	020 82	41 6 8×	-	...	---	-
Pentakota	68 121	756 06	7 30 02	98 16 8	098 80	77 6 2×	7 4 808	...		1 31 32
Palam Cotta	65 229	660 12	5 25 20	98 01 1	098 82	41 6 80	-	...		-
Jalaprakash	68 188	727 12	6 25 04	98 02 0	052 82	32 8 68	8 3 801	...	8 00 77	1 25 86
Pentakota	68 188	743 12	6 27 09	99 15 2	078 82	-	-	...	---	-
Jalaprakash	68 172	730 18	7 22 06	98 02 1	007 82	82 6 80	8 3 101	...	0 00 78	1 25 86
Lawak	62 247	662 18	4 23 07	97 05 0	989 80	41 4 00	6 5 003	...	0 02 85	1 24 11
Jeorey City	62 174	685 06	7 22 13	97 08 2	076 81	71 4 ×5	2 4 800	...	0 06 77	1 23 59
Dabra	68 081	601 06	3 23 10	99 01 0	134 81	11 × 06	6 5 310	...	0 00 78	1 25 21
Empire Trooper	68 065	718 06	8 25 13	99 02 0	133 84	11 4 57	-	...	---	-
Plamcotta	68 229	670 06	6 25 13	97 02 1	020 82	41 6 8×	-	...	---	-
Pentaketa	68 121	756 06	7 30 02	98 16 8	098 80	77 6 2×	7 4 808	...		1 31 32
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION | TEMP CODE :— iiiGG $P_0P_0P_0T_0T_0$ $T_{d0}T_{d0}T_{x0}X_1X_2$ $P_1P_1h_1h_1h_1$ $T_1T_1T_{d1}T_{d1}T_{x1}$ 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 ...	788 15	996 27	246 60	854 70	252 47	700 31	175 81	509 46	009 61	302 69	729 91	555 55	169 50	242 18	809 00	272 52	058 00	271 93	496 00	095 48	536 00	589 94	968 50	649 97	702 59

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 (Hdddff)*

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	7	12	16	20	25	36	1	2	3	4	7	20	1	2	3	4	7	20	25	36
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 15	13 14	13 13	12 24	10 25	10 32					10 24	11 19					11 05							
Dhhor	21 29	21 18	21 15														21 80	21 19						
Chittagong	15 25	15 25									26 25	26 35	17 26											
Cox's Bazar	17 28	17 31		17 20	17 20																			
Dacca	11 17	11 15	11 21	11 29		11 30											11 29	15 28						
Thalandir			22 07	25 07	25 07								26 02	32 19	25 13				06 01	32 10	34 10	34 10	32 19	
Drosh	-					24 06	21 04	02 02	20 05	25 28											23 04	29 04	25 03	33 59
Fort Sandeman				02 08	07 01	07 02	15 07	15 09	28 03					25 05	27 11	25 06				01 02	25 05	25 00	24 09	26 09
Faonbabad	19 04	27 03	24 03	25 10	02 06	31 04	26 05				17 15	19 07	11 02	25 02	05 01		12 20	15 07	19 04	25 05	24 10	02 02	04 18	
Jheium	17 05	17 07	17 08	26 04	30 09	33 08	32 16	27 05									25 02	12 19	09 18	08 31	29 16	32 19		
Siwani																								
Karachi	26 22	25 19									27 15						27 11							
Khanpur	21 09	24 08	21 10	20 09	11 04	25 08					19 24	20 29	21 17	26 05	07 00	01 08	21 14	21 11	16 08	11 01	01 04	26 10		
Lahore											11 09	17 12	20 05	17 06	15 06		17 07	25 07	19 07					
Multan	18 03	19 08	17 11	16 08	07 07	31 06	02 09										22 15	26 15	16 12	14 09	16 26	32 10	24 10	15 09
Peshawar												99 18	12 13	14 13	19 21			04 09	18 03	19 11	19 15	24 15	31 05	
Quetta					26 01	25 05	29 07	25 16	26 19						25 35						23 07	27 13	26 06	21 05
Bushire																								
Bharian																								

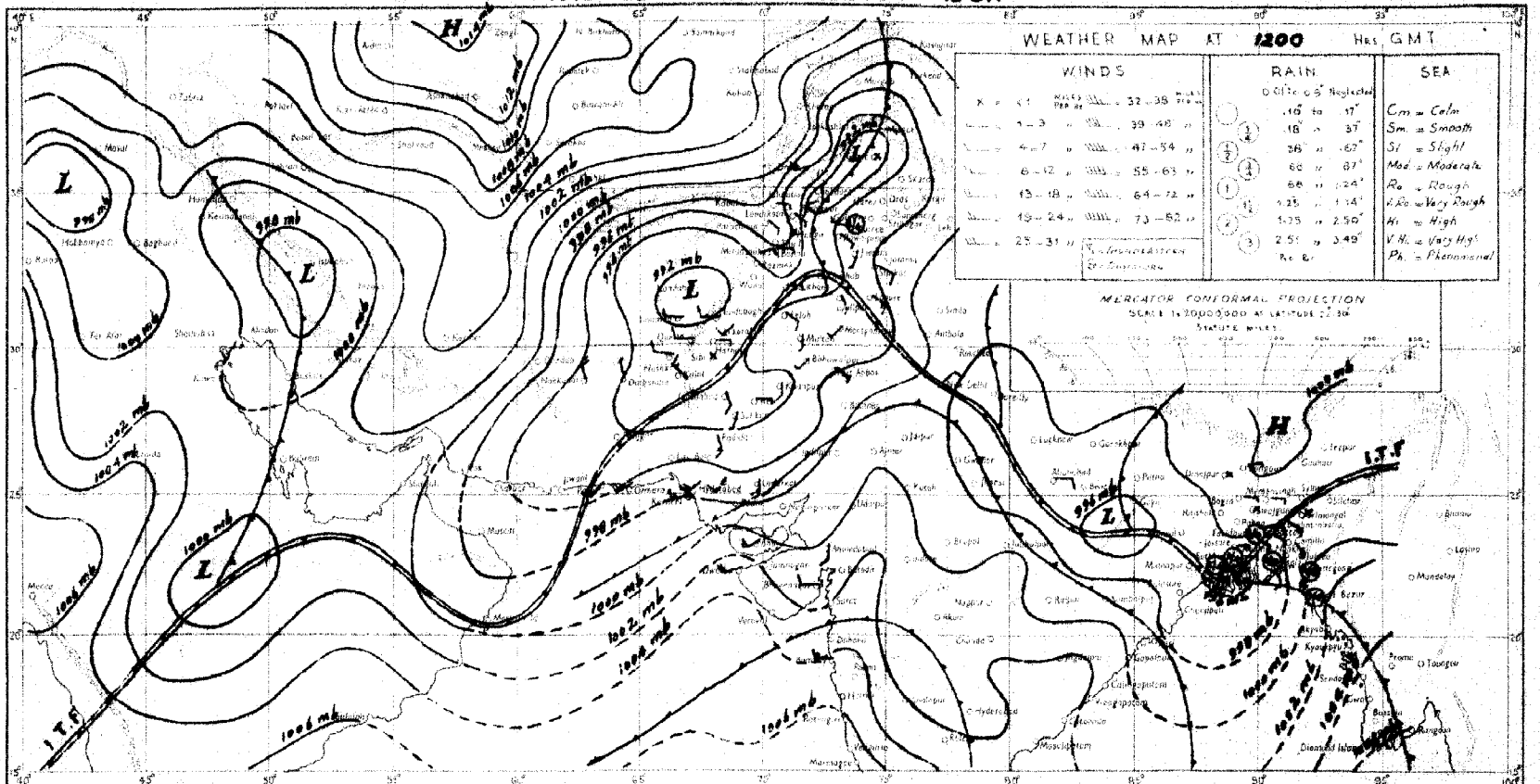
Cloud Observation Data (iiiGG Cddv, v_s)

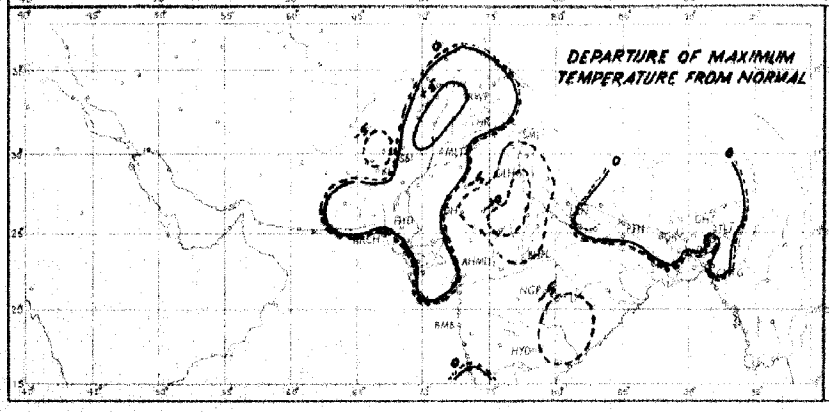
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.3, 0.6, 0.9, 1.5, 2.1, 3.0 4.6 6.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

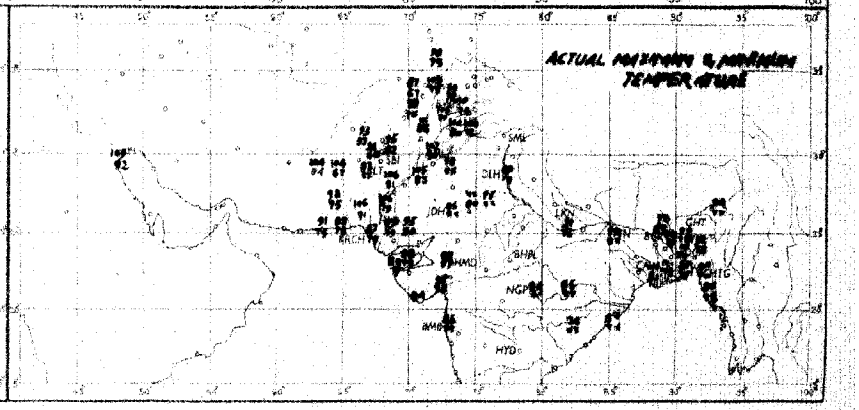
N P. W.

PAKISTAN DAILY WEATHER MAP

THURSDAY 16th AUGUST 1951.



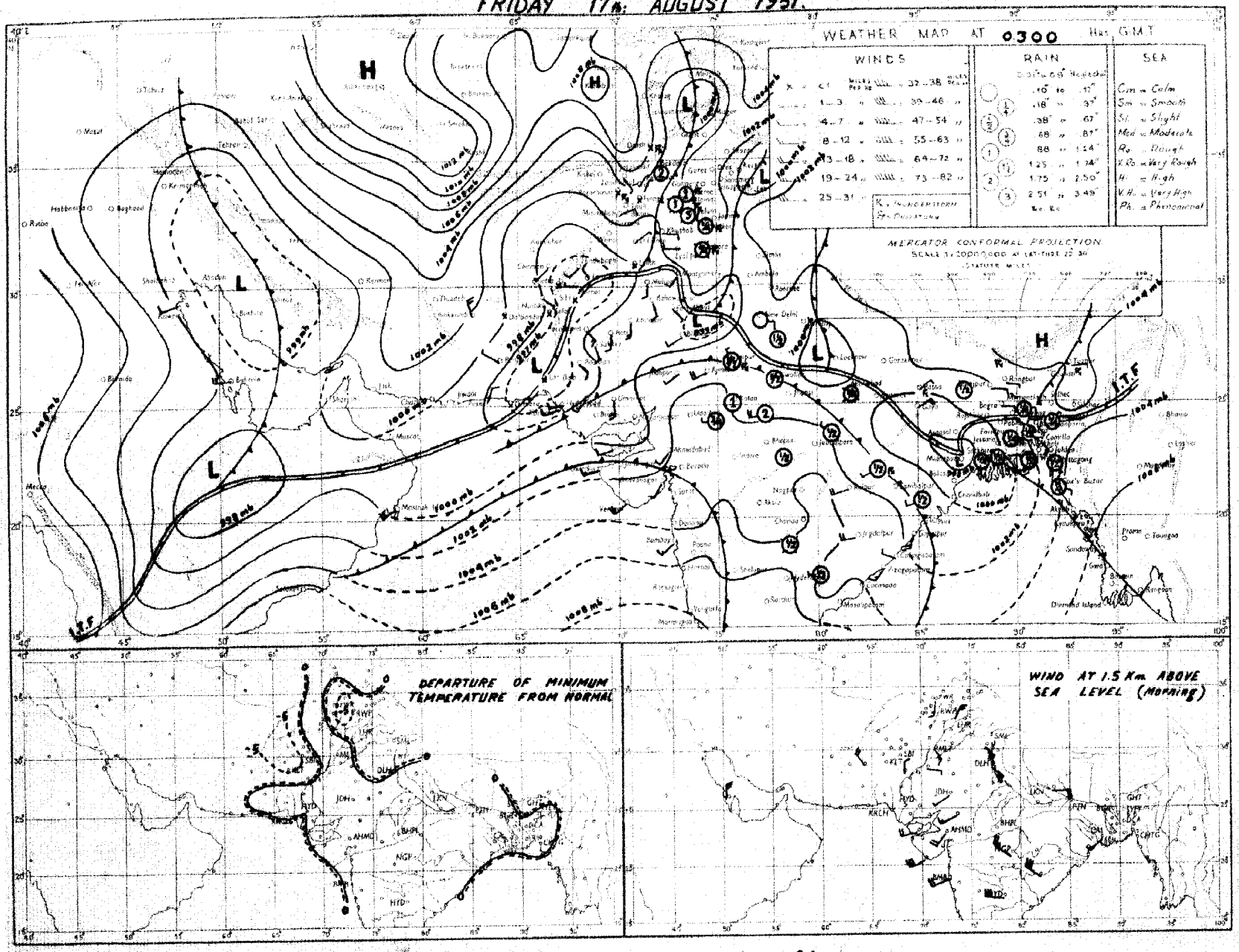




Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 17th AUGUST 1951.



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

Monthly Subscription
Pages 1—2
Pages 1—4

Regd. No. S-1467

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 18TH AUGUST, 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 north Arabian Sea.
A low pressure wave is moving eastwards across Kashmir.
Monsoon continues to be active in East Pakistan.

Fairly widespread rain has occurred in East Pakistan and the north Punjab. Rain/thundershowers have been all fairly widespread in the N. W. F. P. and local in the south Punjab and northeast Baluchistan.

Chief amounts of rainfall are :—Comilla and Sirajganj 2" each, Cox's Bazar 1½", Satkhira ½" and Chittagong, Narayanganj, Chakdara and Fort Sandeman ½" each.

Day temperatures were markedly to considerably below normal in the north Punjab and appreciably to markedly below normal in Upper Sind and north Baluchistan.

Forecast valid until the evening of 19th :—Rain/thundershowers will be fairly widespread in east Pakistan and Kashmir and local in the Punjab and the Nort-West Frontier Province. Scattered dust/thunderstorms will also occur in Upper Sind and north Baluchistan.

Karachi-11.
The 18th August, 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	$N_hC_Lh\ C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\ C_MC_H$	$W_tD_sD_MT_nT_n$	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	045 78	8 13 07	93 62 6	022 79	3 6 4 6 0	- - - 84	055 78	1 13 05	97 01 6	037 84	1 8 7 0 0	- - - 76	+4	0	65.8	-18.8	75.4	140
	Chittagong							032 77	6 13 05	97 02 6	027 84	6 8 4 0 0	- - - 75		-1	40.8	-7.5	79.6	108
	Comilla	020 75	5 13 09	99 03 6	997 87	5 4 7 0 0	4 0 9 85	190 77	7 18 18	98 01 1	033 80	7 4 7 0 0	9 0 0 77	-2	+1	68.5	+23.4	75.1	118
	Brahmanbaria	000 77	4 18 02	97 03 1	001 83	2 5 5 0 2	0 4 × 83	015 78	8 13 05	97 03 1	024 81	8 0 7 2	- - - 77	—	—	32.8	-1.8	42.7	94
	Dacca	xxx 77	6 18 05	98 02 5	948 88	5 8 5 3 9	- - 85	xxx 81	8 18 02	96 03 8	016 88	7 5 4 2 -	- - - 78	—	—	—		—	78
	Narayanganj	005 78	7 13 03	95 03 5	947 85	6 5 5 2 -	- - - 86	019 78	8 09 08	96 08 6	016 88	8 5 5 6 -	- - - 79	-1	-1	40.6	+7.6	59.5	74
	Mymensingh	000 79	2 09 05	99 02 2	938 87	8 4 7	- - - 91	000 78	2 09 02	99 02 2	020 84	8 4 7 -	- - - 80	+4	+2	40.3	-2.1	59.2	91
	Srimangal	005 77	6 18 02	97 02 6	002 85	5 4 6 6 1	- - - 89	012 77	7 13 02	97 02 6	028 82	5 8 7 0 1	- - - 77	+2	+1	44.1	+3.8	71.2	98
	Khulna	000 80	5 09 05	96 02 2	036 84	5 4 7 0 0	- - 85	000 79	6 00 00	96 01 1	012 88	6 8 6 0 0	- - - 80	-2	+2	31.1	-5.7	39.6	61
	Satkhira	055 80	7 xx xx	97 03 6	976 84	6 9 6 6 0	4 0 × 87	055 79	7 xx xx	97 03 1	015 84	5 9 6 6 0	9 0 × 79	-1	+1	20.3	12.1	28.8	65
	Jessore	000 75	7 18 02	96 02 3	990 85	7 8 6 0 0	- - - 72	000 79	6 18 03	96 02 2	006 86	6 8 6 0 0	- - - 78	—	—	19.9	12.5	26.0	65
	Faridpur	005 77	4 11 09	96 01 6	xxx 83	3 4 6 1 0	3 × 1 83	005 80	8 11 05	97 02 1	010 84	6 4 6 1 0	9 × × 80	-4	+2	28.2	-4.6	34.9	71
	Barisal	004 79	8 18 05	97 03 6	990 82	4 7 5 2 -	- - - 85	004 79	7 13 05	97 03 5	015 85	3 6 5 4 6	- - - 78	-2	0	3.4	-9.9	40.0	81
	Pabna																		58
	Rampur Boalia																		56
	Sirajganj	000 77	8 13 09	98 02 2	978 83	8 2 7 - -	- - - 88	180 79	8 13 03	98 02 2	010 83	8 2 7 - -	- - - 79	+1	0	30.6	0.2	40.6	64
	Bogra	000 79	5 09 02	97 21 1	978 84	4 8 6 2 0	- - 89	002 79	7 00 00	95 21 6	013 82	4 8 5 0 5	- - - 80	0	+2	27.0	-5.9	33.8	69
	Dinajpur	000 77	0 09 05	97 00 5	998 87	0 0 9 0 0	9 0 0 91	600 79	6 09 02	97 02 2	023 86	3 5 7 4 0	4 0 2 78	+3	0	27.0	9.1	31.2	72
	Rangpur	000 xx	2 09 05	98 02 1	—	2 1 6 0 0	- - - —	000 xx	7 09 02	96 02 1	—	7 5 8 0 0	- - - —	—	—	49.4	+8.0	59.0	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 78	8 00 00	96 02 0	980 90	8 2 8 0 0	- - - 91	000 79	6 00 00	96 50 5	007 83	6 1 8 0 0	2 0 0 81	-7	+1	5.8	-0.5	10.0	12
	Lahore	010 78	8 13 05	96 51 5	002 88	6 5 6 2 -	7 × 9 87	010 77	2 00 00	96 01 5	036 85	0 0 9 4 0	9 × 9 78	-10	0	9.9	0.3	14.0	13
	Sialkot	014 76	8 00 00	98 08 5	998 86	8 2 6 -	8 9 9 85	014 77	4 00 00	98 01 1	012 86	4 0 8 6 0	- - 76	-9	-3	12.0	-3.6	17.9	22
	Jhelum	000 77	6 00 00	96 03 5	007 88	1 2 7 3 0	9 × 9 89	000 74	4 31 08	98 01 2	008 83	0 0 9 3 0	9 × 9 74		—	13.9	—	21.8	—
	Rawalpindi	000 74	4 00 02	99 01 1	008 85	2 2 7 3 0	88	000 72	6 27 02	99 02 2	016 78	6 5 6 0 0	9 × × 73	-6	-2	18.5	3.7	24.8	26
	Murree †	000 63	6 09 08	95 02 4	031 67	6 9 8 0 0	4 × × 71	000 59	7 11 05	97 02 1	935 65	7 5 5 0 0	9 × × 61	+1	+4	15.7	10.2	38.8	39
	Attock	xxx xx	2 13 05	98 00 0	—	2 × 7 0 0	- - - —	xxx xx	6 00 00	96 00 6	—	6 0 6 2 0	9 0 9 xx		—	—	—		—
	Khushab	000 78	4 11 05	99 03 1	980 96	4 2 6 0 0	- - - 97	009 76	7 29 09	95 03 1	014 86	7 0 8 3 0	- - - 80	-3	-1	1.9	5.6	7.5	14
	Montgomery	000 77	8 23 08	98 03 2	991 91	0 0 9 1	9 × 0 92	000 76	6 20 03	96 03 1	007 86	0 0 9 7 0	9 × × 81	-9	-1	2.5	-3.1	6.1	10
	Leiah	000 86	8 23 02	97 01 0	972 98	0 0 9 6 3	- 03	000 79	6 05 03	97 01 0	022 85	0 0 9 4 0	- xx	—	—	0.9	—	6.6	8
	Multan	000 75	8 18 03	97 02 0	971 00	0 0 9 7 0	7 × × 03	000 78	8 13 05	96 03 2	008 86	0 0 9 2 0	9 9 9 85	+5	+2	1.7	-2.2	4.7	7
	Khanpur	000 71	6 31 09	95 05 1	957 04	0 0 9 0 6	0 9 4 04	008 75	6 16 03	95 05 1	998 86	8 6 7 5 0	9 × 9 85	+1	+4	1.0	2.2	7.5	8
	Bahawalpur	000 76	4 00 00	97 02 1	966 04	0 0 9 0 4	9 0 0 02	127 89	8 09 02	97 08 0	016 80	8 8 6 0 0	- - - 78	+2	-3	1.8	1.9	4.9	6
	Fort Abbas	000 79	7 13 03	95 03 1	979 90	0 0 9 3 1	5 × 9 97	000 70	3 13 03	96 08 1	982 85	0 0 9 3 0	0 × 9 75	—	—	0.8	-	1.2	8
N. W. F. P.	Drosh *	000 58	8 25 07	98 17 9	869 86	4 9 6 2 -	2 × 9 93	000 58	5 00 00	99 02 9	930 75	0 0 9 4 0	9 × 5 71	2	1	1.7	—	21.8	18
	Chakdara	000 60	6 23 09	99 08 1	932 85	6 5 0 0 0	2 × × 80	025 68	0 00 00	96 00 0	017 77	0 0 9 0 0	- - 71	—	—	5.8	—	17.6	—
	Cherat *	000 70	5 18 09	97 01 1	911 77	2 2 × 2 0	4 0 6 xx	017 68	4 36 14	98 01 1	934 89	0 0 9 0 6	2 2 × 63	—	-7	3.8	-4.4	23.9	20
	Peshawar	000 74	6 02 09	96 17 1	982 91	6 9 6 0 0	- - - 93							6					14
	Parachinar	007 69	7 05 02	96 02 2	926 64	2 2 5 6 0	- - - 83	007 57	6 05 02	99 02 2	927 67	0 0 9 6 0	2 × 0 68	-3	2	7.9	—	25.7	23
	Miranshah	000 62	6 11 08	98 08 2	973 80	6 4 6 4 5	- - - 88	000 67	8 00 00	97 03 2	xxx xx	8 4 6 0 6	- - - 75	—	—	2.9	0.7	10.5	18
	Bannu	000 72	8 34 05	97 02 5	941 60	8 5 8 0 0	- - - 96	000 73	8 00 00	97 02 2	038 80	8 5 8 0 0	- - - 79	—	—	3.2	—	8.1	11
	D. I. Khan	000 78	0 05 02	95 00 0	834 65	0 0 9 0 0	- - - 05	009 70	5 05 02	94 01 2	015 79	0 0 9 5 0	0 0 0 xx	+5	×	1.1	-3.1	2.8	9
	Wana																		11
	Land kotal	000 64	8 31 05	98 95 2	918 75	8 9 4 0 0	- - - 85	013 65	6 00 00	99 02 9	918 75	6 4 6 0 0	- - - 67	—	—	1.9	—	11.6	—
	Hangu	xxx xx	6 00 00	97 02 1	—	0 0 9 2 0	- - - —	xxx xx	6 00 00	97 01 6	—	0 0 9 2 0	- - - —	—	—	—	—	—	—
	Thall	xxx xx	7 36 09	98 03 6	—	8 8 7 8 1	- - - —	xxx xx	0 18 09	98 03 1	—	× - × - -	- - - —	—	—		—	—	—
BALUCHISTAN	Fort Sandeman	000 62	6 13 05	96 03 5	897 90	8 8 7 4 0	3 × × 96	080 64	7 00 00	97 03 6	010 81	8 6 7 4 0	6 × × 69	-1	-4	2.1	-1.0	9.0	15
	Hindubagh	000 61	0 27 18	97 00 0	889 59	0 0 9 0 0	- - - 95	000 49	0 16 05	97 00 0	924 74	0 0 9 0 0	- - - 61	—	—	0.1	—	5.4	—
	Loralai	000 59	6 23 05	96 08 0	864 80	0 0 9 8 0	- - - 92	000 69	0 27 02	96 00 0	885 76	0 0 9 0 0	- - - 67	—	—	1.7	—	8.1	—
	Harnai (a)	000 00	0 31 05	96 01 0	—	0 0 9 0 5	2 0 0 —	000 00	0 23 02	96 00 0	—	0 0 9 0 0	- - - —	—	—	2.0	-3.5	10.6	14
	Sibi	000 68	4 23 05	97 02 0	943 02	4 0 8 2 0	- - - 04	000 74	0 00 00	98 00 0	963 86	9 0 9 0 0	- - - 84	—	—	2.1	—	3.7	5
	Quetta †	000 34	3 20 08	98 01 0	911 98	0 0 9 0 5	- - - 93	000 35	0 00 00	97 05 0	923 65	0 0 9 0 0	- - - 54	—	—	0.8	-0.2	9.2	9
	Chaman	000 35	0 28 06	97 00 0	918 89	0 0 9 0 0	- - - 90	000 35	0 22 03	97 00 0	933 72	0 0 9 0 0	- - - 56	-6	-6	0	-0.1	9.0	9
	Noshki	000 54	8 13 02	97 01 0	949 95	0 0 9 0 1	9 9 0 97	000 49	9 00 00	94 05 4	991 80	9 - 0 - -	9 × × 74	—	—	0	—	5.4	—
	Dalbandin *	000 40	0 31 07	94 08 0	901 99	0 0 9 0 0	- - - 01	000 15	8 25 03	95 05 1	927 72	0 0 9 0 1	- 64	4	7	0	-0.3	1.6	4
	Nokkundi	000 81	2 34 24	97 07 1	953 95	0 8 9 0 1	9 0 × 98	000 44	2 34 02	99 01 1	018 82	0 0 9 0 1	9 0 × 74	—	—	0	—	0.9	3
	Kalat †	000 15	0 32 09	98 00 0	925 82	0 0 9 0 0	- - - 84	000 28	0 00 00	98 00 0	941 64	0 0 9 0 0	- - - 54	5	-3	0.7	0.4	9.7	7
	Turbat	000 62	0 05 05	97 00 0	xxx 16	0 0 9 0 0	- - - 17	000 57	0 04 05	96 00 0	002 99	0 0 9 0 0	- - - 92	—	—	0		1.4	—
	Panjgur *	000 21	0 31 05	97 00 0	908 93	0 0 9 0 0	- - - 94	000 27	1 23 02	97 03 1	931 79	0 0 9 0 1	3 4 × 72	6	-1	0	—	3.2	5
	Las Bela	000 78	0 22 06	99 00 0	030 99	0 0 9 0 0	- - - 06	000 77	8 00 00	99 00 0	007 84	8 9 6 1 0	0 0 0 72	—	—	0.1	—	0.8	3
	Ormara	000 79	5 07 02	96 03 0	955 55	1 5 4 0 8	- - - 88	000 79	2 09 05	96 41 0	008 80	2 5 6 0 0	2 0 0 79	—		0.3	-0.4	3.1	4
	Pasni	000 63	0 25 09	98 00 0	949 95	0 0 9 0 0	- - - 98	000 78	7 09 05	98 02 2	005 79	7 4 6 0 0	9 × × 74	+9	-2	0.5	0.4	4.7	6
	Jiwani																		4
SIND	Roti	000 71	2 18 03	96 01 1	971 02	0 0 9 3 0	- - - 07	000 77	8 27 05	96 02 3	007 88	0 0 9 3 0	- - 79	—	—	1.5	—	2.1	—
	Jacobabad	000 72	7 13 05	98 03 1	985 93	1 1 8 5 1	- - - 98	000 78	0 28 03	96 00 0	994 86	0 0 9 0 0	- - - 83	5	+1	1.3	0.7	1.3	4
	Sukkur	000 75	5 00 00	98 02 1	061 02	0 0 9 0 3	- - - 08	000 76	0 20 02	96 00 1	992-85	0 0 9 0 0	- - - 81	—	—	0.5	—	1.0	4
	Pad Idan	000 67	2 13 05	98 01 1	960 00	0 0 9 0 1	- - - 02	000 75	2 13 05	98 01 1	995 84	0 0 9 0 1	- - - 79	—	—	0	—	0.1	-
	Karachi (Manora)	000 76	6 25 09	96 02 2	975 85	0 0 9 7 0	- - - 86	000 78	4 00 00	94 10 1	001 81	2 5 4 6 0	- - - 79	+1	+1	1.6	-2.6	1.6	5
	Karachi (A. P.)	000 77	6 12 09	96 03 2	976 86	4 6 5 4 0	- - - 88	000 78	8 20 02	96 02 2	004 82	8 6 5 0 0	- - - 80	—	—	2.9	-	2.0	-
	Badin	000 77	8 xx xx	97 00 0	980 90	0 0 9 0 0	- - - 91	000 76	0 xx xx	97 00 0	006 88	0 0 9 0 0	- - - 79	-1	0	0.8	-4.6	0.8	9
	Nagarparkar																		
	Chhor (Umerkot)	000 79	06 20 10	97 00 0	969 24	0 0 9 2 0	- - - 99	000 78	7 23 03	97 00 0	010 82	0 0 9 0 1	- - - 78	—	—	2.1	—	2.1	-
	Hyderabad	000 74	5 28 06	98 08 1	972 98	0 0 9 0 6	- - - 97	000 78	2 28 03	96 01 1	002 82	0 0 9 0 1	- - - 79	+2	0	1.7	-3.1	1.9	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul							000 52	7 20 02	96 03 2	966 65	1 1 5 4 0	- - - 61		—	0	—	0.9	5
	Jalalabad																		—
	Kandahar							000 55	0 00 00	97 00 0	880 64	0 0 9 0 0	- - - 55		—	0	—	10.6	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY THE 18TH AUGUST, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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	$N_hC_LhO_MC_H$	$W_1D_SD_MT_nT_n$	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
Iran	Gharba:	..						..											4
	Jask																		6
	Mashed	..																	10
	Bushire																		11
Arabia	Muscat	...	...	...	...	..	...	000 85	2 18 02	96 00 0	989 89	0 1 9 6 0	- - - xx	...	...	...	...	...	4
	Sharjah																		4
	Kuwait	000 xx	0 09 02	97 00 0	972 06	0 0 9 0 0	- - 15	000 xx	0 27 05	97 00 0	985 04	0 0 9 6 0	- - - 88	...	...	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 (6,699-6,713 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.
(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										
Palam Cotta	63 231	641 00	4 23 13	96 02 1	988 60	81 6 40			0 02 75	1 24 45
Strathaird	63 165	664 08	8 24 24	97 02 0	066 88	88 7 00	2 6 006			
Jalausha	63 112	753 06	8 32 08	98 02 1	104 80	87 4 xx	8 3 xxx		0 01 76	1 23 11
Lawak	63 245	629 06	0 22 08	97 01 0	993 84	00 9 00	6 5 003			
Palam Cotta	63 232	620 06	4 23 13	98 02 1	993 82	11 6 80			0 02 76	1 24 45
Strathaird	65 180	683 12	7 25 20	98 02 2	041 82	61 6 10	2 6 005			
Palam Cotta	63 233	630 12	4 20 09	98 02 2	999 81	2 8 xxx				
Dwarka	63 224	685 12	8 25 13	97 15 2	993 82	84 4 00	7 5 008		0 00 79	
Lawak	63 247	613 13	1 18 10	97 01 0	983 84	10 2 00	6 5 010			
Dwarka	63 235	676 18	8 24 09	97 02 2	007 88	81 4 00	7 5 108			
Palam Cottn	63 233	699 18	0 20 09	98 02 0	978 88	00 9 00			0 01 77	1 23 32
Jalazad	63 154	570 18	4 29 09	98 01 1	065 82	00 9 88	2 5 200	x x xxx		
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	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	780 15	996 27	167 60	954 70	260 58	700 25	160 19	509 12	539 90	802 00	819 94	558 55	309 00	271 36	658 00	140 46	456 00	985 46	745 21	809 99	194 58	588 94	804 40	619 94	883 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	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	18	19	20	21	22	23	24	25
Bogra	09 16	09 22	05 23								13 15	14 16	15 15				15 11	15 15						
Dhkor	22 07	20 21	18 11	05 03	04 08	03 15	01 19	24 13									24 15	23 15	19 13	13 07	08 14	05 13	03 21	19 12
Chittagong	17 23	17 24	17 23														17 15	17 16	16 16	19 10	21 07			
Cox's Bazar											20 10	20 15	20 11	20 15										
Dacca	14 17	15 21															16 13	17 15	16 18	16 10				
Dalbandin			25 13	23 12	20 10	23 13							25 07	20 10	23 13				25 10	25 10	22 13	20 13		
Drosh				21 12	19 11		15 08							24 05	18 03	19 09					13 01	19 01	14 01	
Fort Sandeman				21 19	23 03	14 03														25 04	21 06	22 15	24 03	24 10
Jacobabad	46 05	15 02	10 06	06 06	01 13	35 06	35 17	35 35			18 04	16 07	17 07	17 02	02 07	24 10	22 07	25 01	02 03	07 04	11 01	03 06		
Jhelum	18 18	14 17	13 15	11 13	27 04						27 07	21 06	24 03	17 04	17 10	27 04	22 08	25 10	24 06	18 05	15 08	21 03	26 03	21 16
Kiwan																								
Karachi	23 07	23 06	23 06								23 05	20 06					27 02	25 08						
Khanpur	20 11	16 07	15 04	12 11	11 11	09 09											26 13	27 13	24 07	02 13				
Lahore	05 06	10 09	13 10	08 05	04 10	05 13					05 05	14 05	14 06	14 06	17 01	16 06	03 04	26 05	21 03	17 03	14 04	13 07	17 03	19 07
Multar	17 07	17 07	15 08	13 07	14 15						13 11	15 10	17 05	08 01	02 07	03 11	12 04	24 02	03 04	02 06				
Peshawar		07 07	13 06	13 12							13 05	23 14	27 06	04 13	20 15			07 03	01 03	29 09	21 04	25 06	28 04	
Quetta					25 11	21 07	18 09								23 13	20 10					22 05	24 13	21 16	19 15
Bushire																								
Bharjah																								

Cloud Observation Data (iiiGG Cddv, v_s)

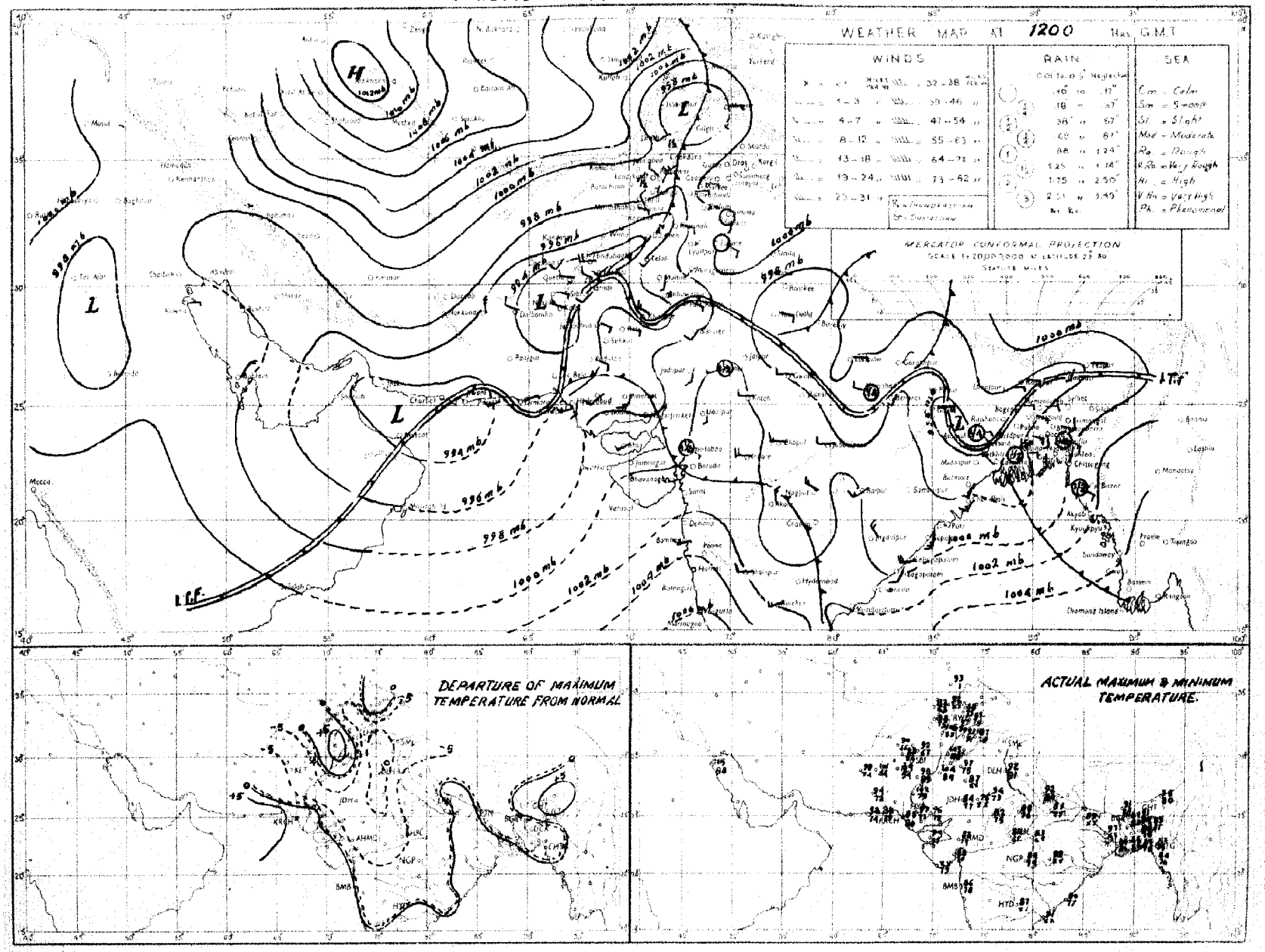
Jhelum 19002 NEPH 49811

Chittagong 94003 NEPH 49918

* 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.

PAKISTAN DAILY WEATHER MAP

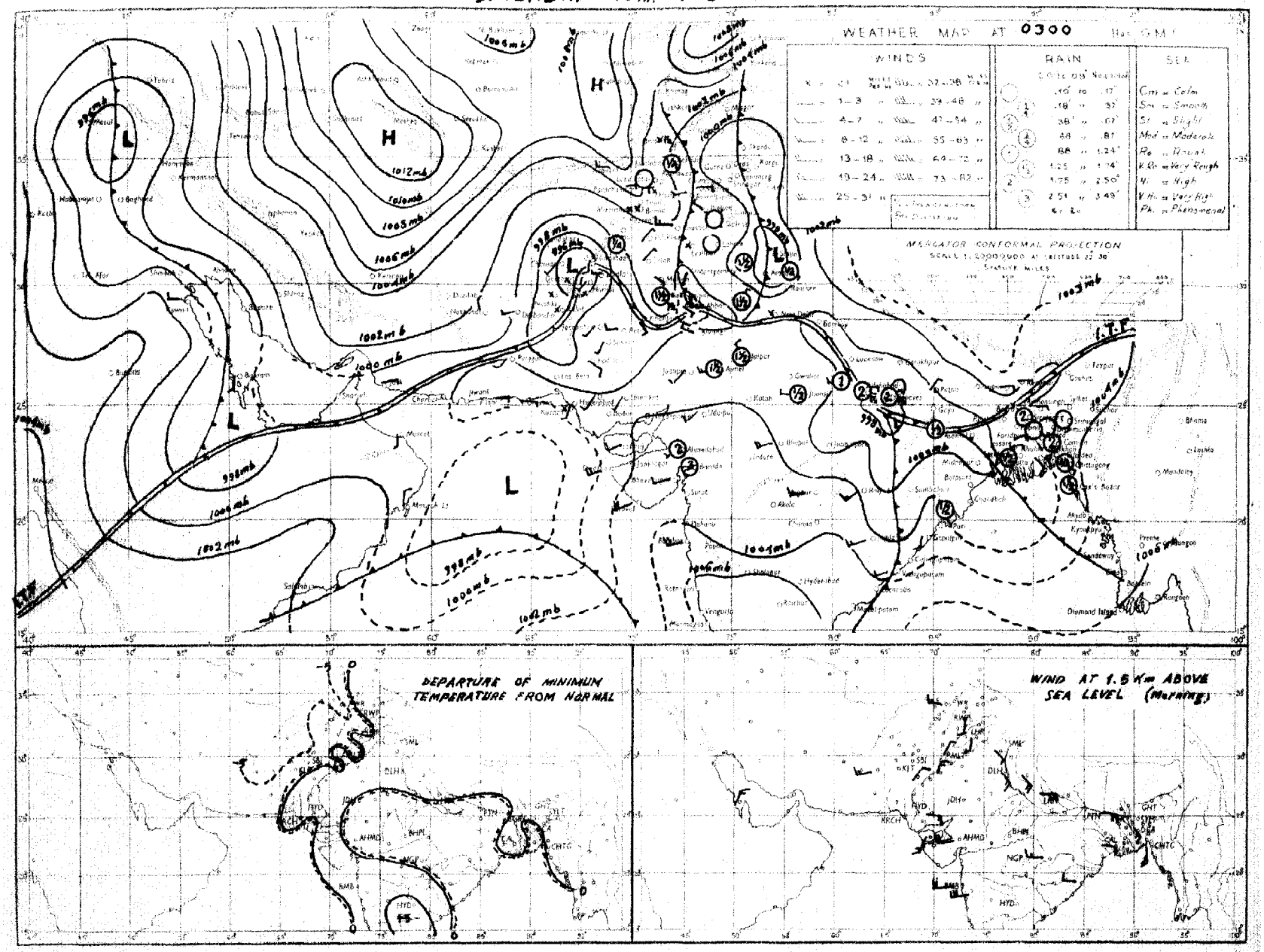
FRIDAY 17th. AUGUST 1951.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 18th. AUGUST 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-1467

FOR SUNDAY, THE 19TH AUGUST, 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 Arabian Sea has become unimportant.
A trough of low extends from Iraq to South Arabia.
A low pressure wave is moving eastwards across extreme north of West Pakistan.

Monsoon trough extends from east U. P. to head Bay.

Fairly widespread rain/thundershowers have occurred in the south Punjab and local rain in East Pakistan.

Chief amounts of rainfall are:—Multan [illegible]″ and Fort Abbas [illegible]″.

Day temperatures were appreciably to markedly below normal in north Baluchistan and the North-West Frontier Province, and appreciably above normal in lower Sind.

Forecast valid until the evening of 20th:—Local rain/thundershowers will occur in East Pakistan; local thunderstorms/shwors will occur in the North-West Frontier Province and Kashmir, and scattered in the Punjab and northeast Baluchistan.

Karachi-11.
The 19th August, 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$_L$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$_L$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	3 18 02	96 01 1	001 87	1 2 6 0 8	- - 88	003 77	2 18 03	97 01 5	026 85	1 1 6 0 0	- - - 77	+ 3	+ 1	65.9	- 10 1	75.5	140
	Chittagong	000 77	6 13 09	97 02 1	993 83	5 2 6 7 0	- - - 87	004 76	6 15 06	97 02 6	010 85	5 2 6 7 0	- - - 78	+ 1	+ 3	40.9	- 8.1	79.6	105
	Comilla	000 75	4 18 05	98 01 1	987 87	2 2 7 0 1	- ××	000 76	6 13 02	98 03 1	019 82	6 5 7 0 0	- - - 78	- 2	+ 2	58 5	+ 22 8	75 1	128
	Brahmanbaria	000 80	2 00 00	96 01 1	990 86	2 5 5 0 0	- - - 90	000 81	3 18 01	97 03 1	019 86	3 4 4 0 0	- - - 79	—	—	32 8	- 2.2	42 7	94
	Dacca	××× 79	8 18 08	99 01 6	990 86	2 8 6 4 0	- - 88	××× 80	7 00 00	98 21 6	012 82	6 8 4 4 0	- - - 79	—	—	×	×	×	78
	Narayanganj	000 80	2 16 02	95 01 1	979 88	1 4 5 0 8	- - - 91	000 78	7 16 03	95 03 1	010 28	6 5 5 2 1	- - - 82	+ 4	+ 3	40 6	- 7 1	59.5	74
	Mymensingh	000 77	8 00 00	99 02 2	990 86	8 4 7	- - - 90	000 79	8 08 03	99 02 2	031 84	8 4 7	- - - 80	+ 8	+ 2	40.8	- 2 5	59.2	91
	Srimangal	000 77	3 00 00	97 03 1	980 86	2 2 6 0 3	- - - 91	000 77	3 13 02	97 02 1	021 85	2 2 5 3 0	- - - 78	+ 1	+ 2	44 1	+ 2.9	71.2	98
	Khulna	000 79	3 00 00	97 00 0	982 87	3 2 7 0 0	- - 87	000 69	4 09 02	96 01 1	009 87	4 8 7 0 0	- - - 81	0	+ 3	31.1	4 2	39.0	68
	Satkhira	000 77	6 09 00	97 02 1	978 89	5 4 7 6 0	- - 92	000 79	7 ×× ××	97 02 1	013 85	5 4 6 6 0	9 0 × 80	+ 4	+ 2	20 3	12 5	28 8	66
	Jessore	000 80	4 18 02	96 02 1	974 83	4 8 6 0 0	- - - 95	000 81	5 09 03	96 02 2	002 89	5 5 6 0 0	- - - 80	—	—	19 9	12 8	26 0	65
	Faridpur	000 80	6 13 05	96 02 6	984 86	5 4 6 1 0	8 × × 86	000 78	6 11 05	98 02 1	010 86	4 4 6 1 0	9 × × 80	- 1	+ 2	23.2	5 0	34 9	71
	Barisal	000 79	4 16 02	98 01 1	984 87	1 1 6 0 6	- - - 90	008 77	7 13 05	97 01 1	009 89	5 4 6 2 8	- - - 80	+ 3	+ 2	30.5	10 3	40.1	81
	Pabna																		58
	Rampur Boalia																		56
	Sirajganj	000 79	7 00 00	98 02 2	978 85	6 2 8	- - - 88	000 79	4 09 03	98 01 1	009 85	2 2 8 0 0	- - - 81	+ 1	+ 2	30.6	0 2	40 6	64
	Bogra	000 77	5 09 02	96 02 1	970 85	2 1 6 0 8	- - - 89	000 80	5 09 02	96 01 1	010 88	2 1 6 0 1	- - - 80	0	+ 2	27 0	6 3	33.8	69
	Dinajpur	000 80	7 09 02	97 01 5	989 87	0 0 9 1 9	6 2 2 91	000 80	5 13 03	97 01 1	022 86	0 0 9 4 0	- - - 80	+ 2	+ 2	27 0	9 5	31.2	72
	Rangpur	000 ××	7 09 02	97 02 1	—	0 0 9 1 0	- - - —	000 ××	1 09 02	98 02 1	—	1 1 8 0 0	- - - —	—	—	49 7	+ 8.0	59.0	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 78	5 09 00	96 02 0	974 97	0 0 9 2 0	0 5 5 98	000 79	2 20 02	98 00 0	001 85	0 0 9 0 2	- - - 82	0	+ 2	5.8	- 0 6	10.0	12
	Lahore	000 77	2 00 00	97 02 1	979 25	1 2 6 2 0	9 × 9 96	000 78	7 00 00	96 03 1	037 86	0 0 9 5 2	9 6 7 83	- 1	+ 4	9 9	- 0.5	14.0	19
	Sialkot	-	-	-	-	- - -	-	000 81	2 00 00	97 01 1	006 86	0 0 8 6 4	- - 83	—	+ 5	12.9	- 3.9	17.0	32
	Jhelum	000 77	2 00 00	97 01 1	966 98	1 1 7 8 0	9 × 4 94	000 60	1 00 00	97 02 1	004 87	0 0 9 8 0	0 × 9 80	—	—	12.4	—	21 6	—
	Rawalpindi	000 78	4 ×× ××	99 01 1	965 89	0 0 9 8 0	- - 98	000 77	3 00 00	99 01 1	011 88	0 0 9 1 6	- - - 77	- 1	+ 2	13 5	8 9	24.3	30
	Murree †	000 65	6 00 00	95 02 1	927 60	6 5 3 0 0	9 × × 78	000 63	6 00 00	95 02 4	943 65	6 5 2 0 0	3 × × 61	+ 3	+ 4	15.7	10 6	88.3	59
	Attock						- - - —	××× ××	0 13 02	98 00 0	—	0 0 9 0 0	- - - -	—	—	-	—	—	—
	Khushab	000 74	3 16 02	99 03 1	977 96	3 0 8 3 0	- - - 98	000 72	0 20 02	99 00 0	002 90	0 0 9 0 0	- - - 83	2	+ 2	1.9	5 7	7.5	15
	Montgomery	000 77	6 18 02	97 01 1	975 97	5 2 7 8 4	9 0 0 98	000 78	7 20 02	96 01 1	008 85	0 0 9 7 0	9 × 0 82	- 3	0	2.5	3 1	6.1	10
	Leiah	000 94	2 31 02	97 01 0	985 96	0 0 9 0 3	- 98	000 82	2 18 02	97 02 1	006 90	× × × × ×	- - 82	—	—	0.0	—	6 3	8
	Multan	081 79	8 31 05	97 02 2	030 86	0 0 9 7 0	9 9 9 87	081 78	0 00 00	96 01 1	009 87	0 0 9 0 0	9 9 9 78	- 11	- 5	2 5	1 5	5 5	7
	Khanpur	000 77	3 33 03	95 25 9	000 99	6 6 7 5 0	4 × 9 89	000 84	5 26 03	95 05 1	005 86	0 0 9 4 3	9 9 9 81	- 4	0	1.9	3 3	7.5	4
	Bahawalpur	009 80	4 00 00	97 01 6	079 93	4 0 9 0 2	9 0 0 03	000 79	4 31 03	97 03 5	000 85	0 0 9 0 8	9 7 0 80	- 7	1	1.9	1 9	5.0	4
	Fort Abbas	035 74	3 05 03	96 03 6	072 86	0 0 9 3 0	9 0 8 00	061 68	4 13 02	96 03 1	074 85	0 0 9 3 0	0 × 9 75	—	—	0.9		1.8	3
N. W. F. P.	Drosh *	000 49	5 25 07	98 01 1	886 90	3 5 7 3 0	3 × 9 92	000 64	0 00 00	99 00 1	936 76	0 0 9 0 9	9 × × 71	- 3	- 1	1.1	—	21.3	16
	Chakdara	000 69	0 00 00	99 00 0	966 91	0 0 9 0 0	- 92	000 71	0 00 00	98 00 0	016 77	0 0 9 0 0	- - 73	—	—	5 3	—	17.6	—
	Cherat *	000 67	4 16 04	93 01 1	916 82	0 0 9 3 0	4 × 0 ××	000 67	1 13 02	98 01 1	940 74	0 0 9 0 9	3 0 × 68	—	- 2	3.8	- 4 5	25 9	30
	Peshawar	000 69	2 05 03	97 02 1	979 92	1 1 6 6 0	- - 94	000 72	5 02 02	96 03 1	006 88	0 0 9 6 0	9 × 6 77	- 4	- 3	1.1	- 2.1	8.4	14
	Parachinar	000 59	6 13 02	98 02 2	925 77	3 2 6 6 0	4 × 9 81	000 61	3 00 00	99 01 1	941 78	0 0 9 3 0	4 × 0 63	- 4	2	7.9	—	25 7	33
	Miranshah	000 65	2 11 05	98 09 0	943 89	2 2 8 4 4	- - - 91	000 65	0 00 00	99 00 0	906 78	0 0 9 0 0	- - 76	—	—	2.9	0 7	10.5	19
	Bannu	000 67	0 35 02	99 00 0	972 94	0 0 9 0 0	- - - 95	000 69	0 05 03	99 00 0	002 86	0 0 9 0 0	- - - 80	—	—	3.2	—	8.1	11
	D. I. Khan	000 74	0 05 02	96 00 2	986 94	0 0 9 0 0	- - - 05	000 77	0 ×× ××	96 00 0	990 83	0 0 9 0 0	- - - ××	+ 5	×	1.1	5 2	2.8	9
	Wana																		11
	Landikotal	000 67	1 07 03	99 02 1	891 86	1 1 6 0 0	- - - 89	000 66	5 00 00	99 02 1	918 82	5 4 6 0 0	- - - 71	—	—	1.9	—	11.5	—
	Hangu							××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thull	××× ××	0 00 00	97 00 1	— —	0 0 9 0 0	8 × × —	××× ××	3 09 09	99 01 1	— —	2 8 7 0 1	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 41	7 00 00	97 03 2	898 90	4 7 7 4 0	9 × × 92	000 65	0 00 00	98 06 0	008 77	0 0 9 0 0	0 × × 73	- 5	0	3.1	- 1.0	9.0	13
	Hindubagh	000 35	3 27 05	97 03 1	898 68	3 6 6 0 0	7 × × 91	000 45	7 09 02	97 03 1	933 73	7 3 6 0 0	3 × × 65	—	—	0.1	—	8.4	—
	Loralai	000 62	6 13 03	96 03 2	888 82	6 7 4 0 0	- 99	000 52	0 00 00	96 00 2	920 74	0 0 9 0 0	- - - 64	—	- -	1.7		8 1	—
	Harnai (a)	000 00	3 09 03	96 06 0	— —	0 0 9 0 5	3 4 0 —	000 90	6 09 02	96 03 [illegible]	— —	0 0 9 0 5	0 0 0 —	—	—	2.0	2.6	10 6	14
	Sibi	000 62	0 18 06	98 00 0	954 06	0 0 9 0 0	- 66	000 71	1 00 00	99 00 0	006 89	0 0 9 0 1	- - - 84	—	—	2.1	—	3.7	5
	Quetta †	000 36	0 20 05	97 00 0	915 89	0 0 9 0 0	- - - 89	000 44	0 00 00	97 05 0	931 67	0 0 9 0 0	- - - 54	—	—	0.3	- 0.3	0.3	9
	Chaman	000 45	0 25 03	97 00 0	900 89	0 0 9 0 0	- - - 90	000 44	0 09 02	97 00 0	930 79	0 0 9 0 0	- - - 67	- 8	- 5	0	0 1	9.6	8
	Nushki	000 57	0 34 09	97 00 0	962 96	0 0 9 0 0	- - 98	000 55	1 00 00	97 01 0	985 84	0 0 9 0 1	6 0 0 76	—	—	0	—	5 4	—
	Dalbandin *	000 17	1 27 05	94 05 1	900 98	0 0 9 0 1	- - - 98	000 35	0 00 00	95 05 0	926 77	0 0 9 0 0	- 66	- 7	- 5	0	0.3	1.8	6
	Nokkundi	000 32	3 34 13	97 03 1	954 99	0 0 9 0 1	9 0 × 00	000 52	1 34 13	90 01 0	016 83	0 0 9 0 1	0 0 × 77	—	—	0	—	0.9	2
	Kalat †	000 16	0 36 05	98 00 0	925 83	0 0 9 0 0	- - - 86	000 33	0 00 00	98 00 0	949 62	0 0 9 0 0	- - - 55	- 2	+ 2	0.7	0.4	0.7	7
	Turbat	000 68	0 04 05	97 00 0	982 02	0 0 9 0 0	- - - 04	000 79	6 00 00	98 02 1	024 87	0 0 9 0 1	- - - 88	—	—	0	—	1 4	—
	Panjgur *	000 11	0 21 05	97 00 0	908 93	0 0 9 0 0	- - - 93	000 37	× 00 00	97 03 1	930 60	0 0 9 0 1	3 0 × 68	- 7	- 5	0	—	3.2	3
	Las Bela	000 76	0 22 00	99 00 0	952 04	0 0 9 0 0	- - - 07							—	—				3
	Ormara	000 60	0 23 03	98 06 0	981 90	0 0 9 0 0	- - - 90	000 77	2 29 02	96 01 0	027 81	2 5 6 0 0	- - - 79	—	—	0.3	- 0.5	3 1	6
	Pasni	000 76	0 18 05	97 00 0	987 83	0 0 9 0 0	- - - 89	000 76	6 16 08	96 02 1	029 80	6 6 5 0 0	9 × × 76	0	0	0 5	0 4	4.7	6
	Jiwani																		4
SIND	Keti	000 78	3 27 05	96 50 1	011 80	0 0 9 2 0	- - - 03	016 75	3 27 02	96 03 2	018 84	0 0 9 2 0	- - 79	—	—	1.7	—	2.3	—
	Jacobabad	000 76	4 07 19	91 30 1	976 96	4 2 8 0 0	- - - 04	000 73	5 09 02	96 03 1	010 85	0 0 9 7 0	- - - 82	+ 1	0	1.8	0.7	1.5	4
	Sukkur	000 78	4 36 02	96 03 1	986 03	0 0 9 8 0	- - 05	000 76	8 18 02	96 03 2	004 84	0 0 9 0 0	- - - 82	—	—	0.5	—	1.0	4
	Pad Idan	000 73	3 13 08	98 08 1	071 01	3 2 7 0 0	- - - 03	000 74	1 13 05	93 01 1	000 87	4 0 0 0 1	- - - 82	—	—	0	—	0.1	
	Karachi (Manora)	000 73	4 26 13	96 01 1	987 85	0 0 9 4 1	- - - 87	000 76	3 00 00	95 05 1	019 82	0 0 9 4 0	- - - 80	+ 3	+ 3	1.5	- 3 6	1 6	4
	Karachi (A. P.)	000 77	3 20 12	97 01 1	987 87	0 0 9 4 0	- - - 90	000 78	3 27 05	96 03 1	032 83	1 6 4 0 1	- - - 80	—	—	2.9		3.0	
	Badin	000 73	0 ×× ××	97 00 0	088 93	0 0 9 0 0	- - - 98	000 76	0 ×× ××	96 00 0	014 88	0 0 9 0 0	- - - 80	+ 4	+ 1	0.8	4.8	6.8	9
	Nagarparkar																		
	Chhor (Umarkot)	000 79	5 23 10	97 00 0	073 97	0 0 9 0 5	- - - 00	000 78	4 18 07	97 00 0	014 83	0 0 9 0 4	- - - 83	—	—	2.1	—	3.1	—
	Hyderabad	000 74	4 28 05	97 03 1	979 97	0 0 9 0 4	- - - 00	000 76	3 28 08	97 01 1	018 85	0 0 9 0 1	- - - 81	+ 5	+ 2	1.7	- 3.2	1.9	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 48	0 28 03	93 00 0	978 71	0 0 0 0 0	- - - ××							—					—
	Jalalabad	000 68	3 09 04	99 71 1	984 94	1 0 6 7 0	- - - 9 5	000 74	1 00 00	97 01 1	985 80	0 0 9 0 1	9 9 × 74	—	—	0	—	10.6	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY THE 19TH AUGUST, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VV ww W	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_2T_d	N dd ff	VV ww W	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 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	-	-	-	-			-	-	-	-			-	-	-	-	-	4
	Masbec	-	-	-	-			-	-	-	-			-	-	-	-	-	10
	Bushire	-	-	-	-			-	-	-	-			-	-	-	-	-	11
Arabia	Muscat	000 83	1 00 05	97 00 0	084 85	0 0 9 0 1	- - - 88	000 83	2 13 05	96 00 0	015 84	0 0 9 1 0	- - - xx	- 1	---	0	- 0.1	3.3	4
	Sharjah													---	---			---	4
	Kuwait	000 xx	0 00 02	97 00 0	066 02	0 0 9 0 0	3 0 1 02	000 xx	7 11 05	96 01 2	992 92	x x x x x	- - - xx	---	---	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 (6,500-6,712 feet according to latitude.
†† Barometer readings reduced to 5 geodynamic Kilometre (16,644-16, 050 feet according to latitude).
RRR at 0900 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 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-13.

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	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mahmut ...	73 071	658 00	1 24 10	96 01 0	084 82	11 4 00	0 4 301	---	9 00 75	---
Jelausha ...	73 142	740 08	0 27 09	98 01 2	082 86	62 4 00	---	8 2 xxx	---	---
Falazud ...	73 166	627 13	0 23 13	97 08 2	084 82	61 8 00	2 5 320	x x xxx	0 02 77	1 22 23
Captourane ...	73 110	617 12	2 23 19	98 01 1	089 82	2x 5 00	2 4 710	---	0 06 x4	1 23 x5
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoXIX2	PIPIhIhIhI	TxTxTdxTdxTxx etc.	5555	hIhIP1P1P2	TxTxTdxTdxTxx 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 15	097 28	243 60	854 74	251 65	709 28	195 41	509 35	529 91	802 18	668 55	819 00	251 98	403 70	251 83	518 87	251 25	658 00	231 22	667 18	180 20	696 92	205 22	456 00	075 67

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	18	19	20	21	22	23	24	25
Bogra ...	11 04	14 12	14 13	14 18	13 11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dhhor ...	21 07	05 06	19 21	08 10	05 13	01 13	39 23	---	---	---	---	---	---	---	---	---	24 13	88 16	80 02	01 08	26 17	05 14	---	---
Chittagong ...	18 13	18 16	18 17	17 18	15 09	12 09	---	---	---	---	16 13	17 15	16 15	---	---	---	17 09	17 11	16 09	16 01	13 02	11 11	10 15	09 15
Cox's Bazar ...	19 18	19 16	19 17	19 12	19 10	20 04	---	---	---	---	16 18	17 18	19 18	25 05	21 07	18 04	18 10	10 09	19 88	13 06	09 04	10 06	09 17	08 24
Dacca ...	16 11	17 16	17 15	18 18	---	---	---	---	---	---	19 19	19 08	19 07	---	---	---	16 09	16 09	16 08	12 06	19 08	---	---	---
Dalbandin ...	---	---	26 05	25 03	25 08	27 17	27 22	30 12	---	---	---	---	25 07	25 05	24 05	01 05	---	---	29 01	25 10	24 04	25 06	25 09	---
Drosr ...	---	---	---	---	27 13	21 07	11 05	16 00	---	---	---	---	---	---	04 16	06 05	---	---	---	---	25 09	26 12	02 06	22 27
Fort Sandeman ...	---	---	---	05 03	03 04	07 04	15 07	---	---	---	---	---	---	25 05	21 05	26 05	---	---	---	01 02	22 06	26 09	07 18	---
Jacobabad ...	---	---	---	---	---	---	---	---	---	---	19 19	19 10	19 04	25 06	25 12	04 05	---	---	---	---	---	---	---	---
Jhelum ...	16 03	31 03	24 03	14 04	16 06	26 03	21 07	21 25	21 18	---	24 04	25 01	29 05	24 03	11 01	---	11 02	22 09	19 02	25 04	23 05	09 05	11 07	14 04
Kiwani ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16 03	15 04	17 02	26 02	21 05	25 05	24 01	19 07
Karachi ...	22 07	02 03	07 11	05 13	04 13	16 09	---	---	---	---	27 18	27 13	19 11	05 06	05 08	---	29 14	29 13	27 09	25 04	26 12	26 11	---	---
Khanpur ...	24 10	05 16	05 13	07 06	06 08	---	---	---	---	---	06 04	06 09	04 06	01 15	25 14	---	24 15	25 05	22 04	25 08	01 05	06 18	---	---
Lahore ...	29 05	31 05	29 05	---	---	---	---	---	---	---	21 20	29 19	23 15	24 05	29 04	---	25 06	26 07	25 06	28 01	29 04	30 06	26 04	---
Multan ...	26 05	24 06	05 13	04 17	04 18	05 16	---	---	---	---	17 06	18 05	17 04	18 07	23 05	03 16	22 06	18 06	14 05	13 04	12 07	10 06	14 10	---
Peshawar ...	---	03 04	01 05	24 07	25 07	24 07	29 04	---	---	---	---	---	---	---	---	---	---	24 02	01 25	17 22	03 27	30 10	24 13	---
Quetta ...	---	---	---	---	27 11	26 10	21 15	25 13	29 10	31 10	---	---	---	---	25 10	17 09	---	---	---	---	16 00	28 05	24 29	20 17
Bushire ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Shaviar ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Cloud Observation Data (iiiGG Cddv, v_r)

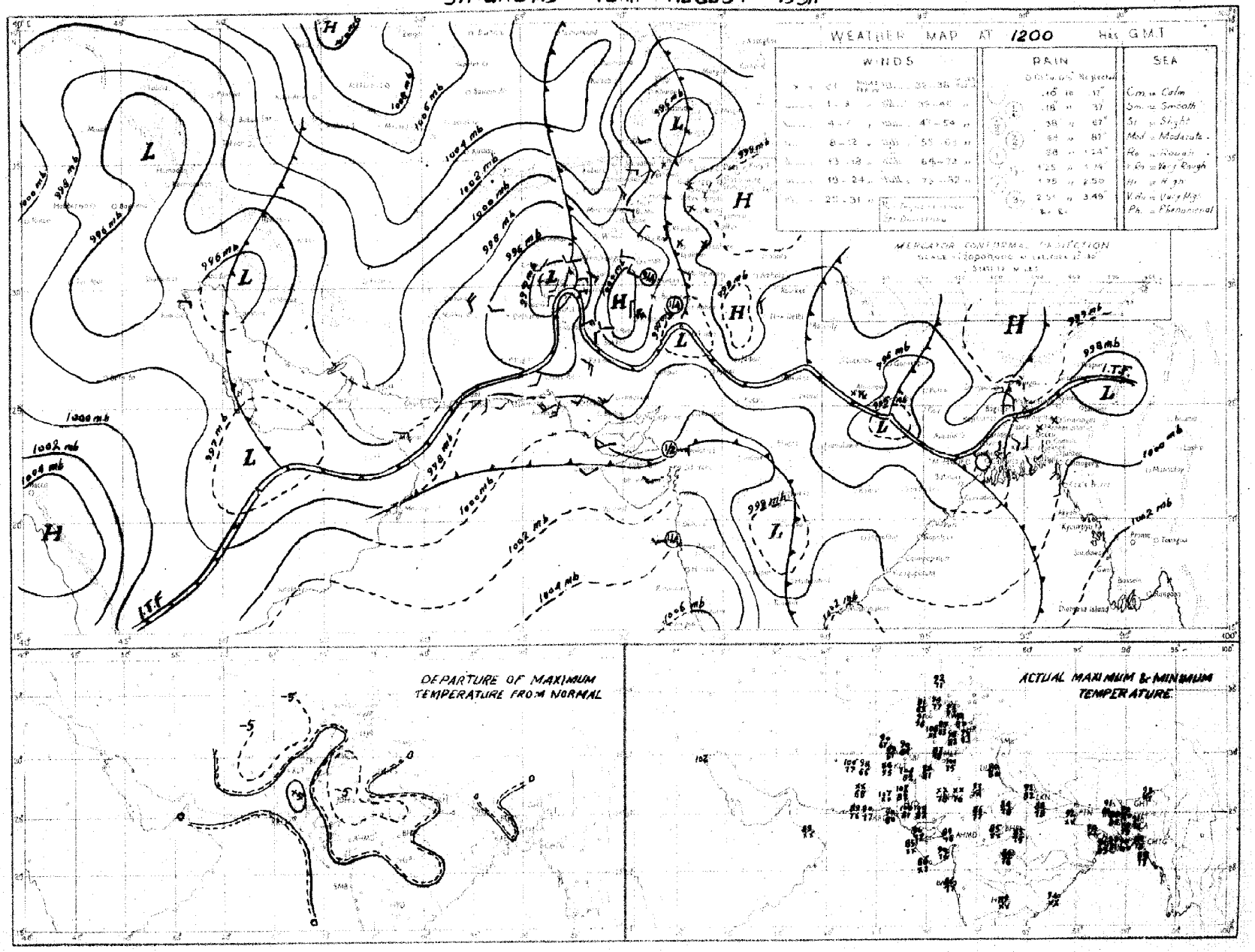
Lahore	42Bxx
Peshawar	42813
Dhhor	50210

* 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

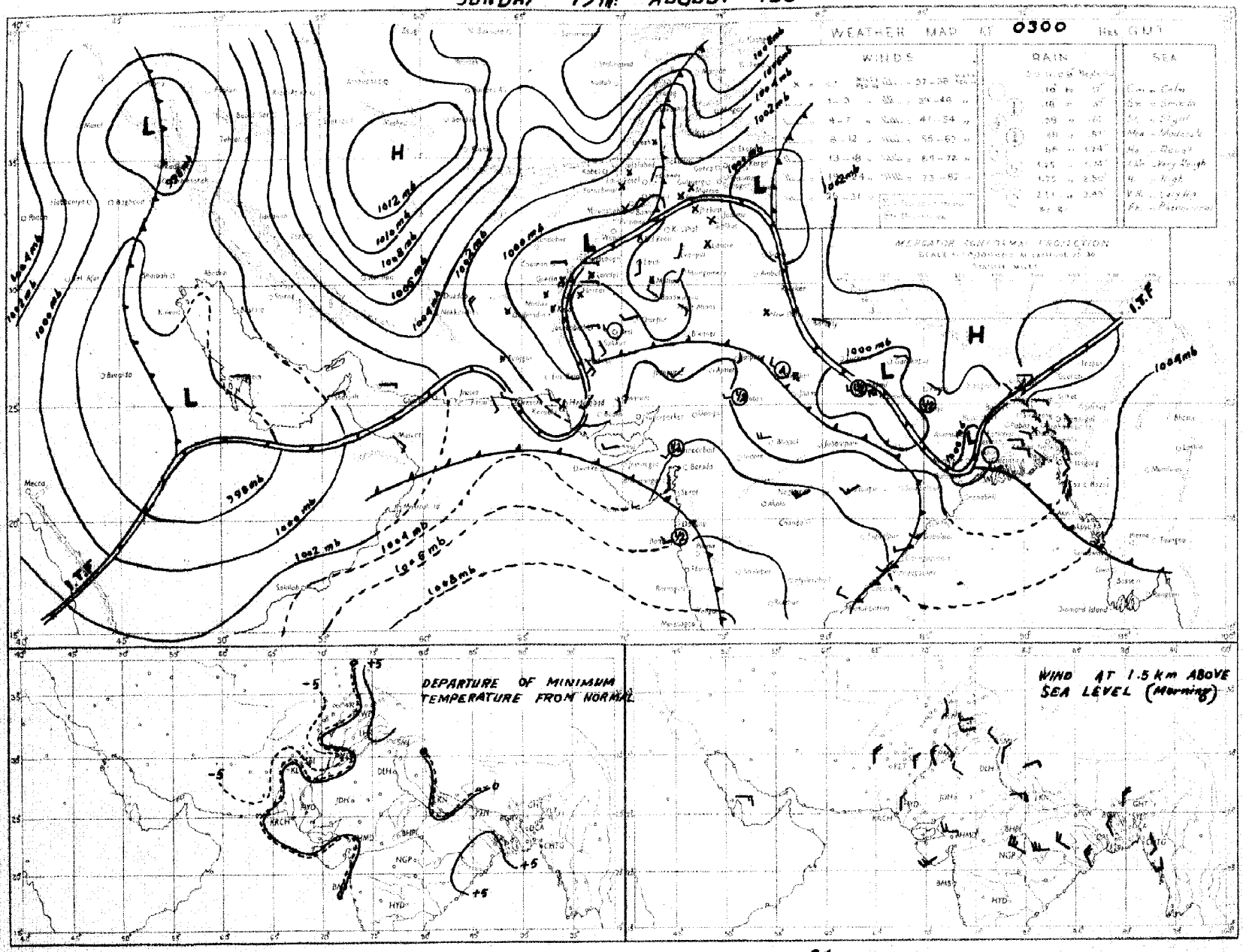
SATURDAY 18th. AUGUST 1951.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 19th AUGUST 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-1467

FOR MONDAY, THE 20TH AUGUST, 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 Iraq.

A low pressure wave is moving eastwards across Kashmir.

Conditions are unsettled in north Bay.

Local rain/thundershowers have occurred in East Pakistan, scattered thunderstorms in the south Punjab and isolated in lower Sind. Srimangal reported ½" of rain.

Day temperatures were markedly above normal in lower Sind.

Forecast valid until the evening of 21st:—Local thunderstorms/showers will occur in East Pakistan and scattered dust/thunderstorms in north Baluchistan. A few thunderstorms will also occur in Kashmir.

Karachi-11
The 20th August, 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	WtDsDMTxTx	At 0300 Hrs. G.M.T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDsDMTnTn	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	001 78	5 19 05	95 05 9	993 85	3 3 5 2 5	- - - 87	001 78	4 18 03	98 02 6	036 85	1 1 6 3 0	- - - 77	+ 2	+ 1	67.8	- 18.8	77.4	140
	Chittagong	000 78	6 13 09	97 02 1	991 84	4 1 6 9 9	- - - 87	000 75	6 13 05	97 02 5	029 84	4 5 6 0 0	- - - 79	+ 1	+ 3	50.3	- 8.2	80.5	104
	Comilla	000 80	3 13 05	98 08 1	977 88	2 2 7 0 1	- 88	000 78	6 13 06	93 03 1	027 88	6 4 7 0 0	- - - 79	+ 1	+ 3	68.5	+22.8	75.1	118
	Brahmanbaria	000 80	2 00 00	98 01 1	983 88	0 0 9 0 1	0 4 × 93	000 79	4 13 05	97 03 1	029 85	4 5 5 0 0	- - - 81	—	—	32.8	- 2.5	42.7	94
	Dacca	××× 78	7 18 02	99 02 6	981 86	1 8 6 9 4	- - - 90	××× 78	7 18 06	98 02 6	020 85	6 4 4 4 0	- - - 79	—	—		—	—	78
	Narayanganj	000 78	3 18 03	95 01 1	977 88	1 2 5 0 8	- - - 92	000 79	8 16 03	95 03 2	019 88	8 5 5 2 ×	- - - 82	+ 5	+ 3	40.6	+ 6.7	59.5	74
	Mymensingh	000 80	8 00 00	99 02 2	978 88	8 8 6 - -	- - 90	000 79	8 00 00	99 02 2	025 85	8 4 7	- - - 81	+ 8	+ 3	40.3	2.9	59.2	91
	Srimangal	000 82	6 00 00	97 03 1	980 89	3 2 6 0 8	0 3 × 94	028 80	7 18 02	97 02 9	032 84	5 6 7 3 0	- - - 79	+ 4	+ 3	44.3	+ 2.7	71.5	99
	Khulna	000 80	4 13 02	96 00 0	981 88	4 4 3 7 0	- - 91	000 80	6 13 02	96 01 1	019 87	4 7 7 7 0	- - - 79	+ 4	+ 1	21.1	4.7	29.6	66
	Satkhira	000 81	7 ×× ××	97 02 1	990 88	7 9 6 6 0	9 0 × 98	000 80	7 00 00	97 03 1	022 87	6 4 6 6 0	- - - 80	+ 5	+ 2	20.3	12.8	28.9	65
	Jessore	012 82	6 15 03	96 02 6	987 89	6 8 6 0 0	2 0 0 96	012 81	4 00 05	96 01 2	015 89	2 8 6 0 5	- - - ××	—	—	12.0	13.0	26.2	63
	Faridpur	002 80	5 13 05	96 01 6	982 88	2 4 6 1 0	3 × 3 98	002 79	7 13 09	98 02 1	022 55	5 4 6 1 0	9 × × 80	+ 1	+ 2	23.2	5.5	34.8	71
	Barisal	000 77	5 13 05	98 01 1	983 86	1 4 6 0 6	- - - 91	000 79	6 13 03	98 02 1	023 86	3 4 6 0 6	- - - 81	+ 4	+ 3	30.5	10.8	40.1	81
	Pabna																		59
	Rampur Boalia																		55
	Sirajganj	000 80	4 12 03	99 03 2	966 87	4 3 8 - -	- - - 90	000 79	8 13 03	99 02 2	018 86	8 2 7 - -	- - - 82	+ 3	+ 3	30.7	8.5	40.7	64
	Bogra	000 79	5 00 00	96 02 1	973 90	4 8 6 3 0	- - - 93	000 81	4 16 02	96 03 1	012 86	4 0 8 1 0	- - - 82	+ 4	+ 4	27.0	6.3	33.8	68
	Dinajpur	000 78	2 00 00	97 01 1	982 91	0 0 9 0 9	- - - 94	000 80	6 00 00	97 02 2	030 87	0 0 9 2 0	- - - 81	+ 5	+ 4	27.0	9.9	31.2	72
	Rangpur	000 ××	1 09 02	96 02 1	— —	0 0 9 1 0	- - - —	000 ××	6 09 02	97 02 1	— —	6 5 8 0 0	- - - —	—	—	40.7	+ 7.5	59.0	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg †*																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 77	4 00 00	96 01 1	××× ××	0 0 9 4 0	0 0 4 00	000 79	3 20 02	96 01 5	982 87	0 0 9 0 2	- - - 83	+ 2	+ 3	5.8	- 9.8	10.0	12
	Lahore	000 78	2 05 03	97 02 1	967 93	1 1 6 0 1	9 9 × 00	000 79	5 27 03	98 02 1	987 89	0 0 9 0 4	9 6 × 84	+ 3	+ 6	9.9	- 0.7	14.0	19
	Sialkot	000 76	2 00 00	98 00 1	997 96	0 0 9 4 9	- - - 98	000 80	2 06 02	97 03 1	981 90	× 0 8 6 4	- 84	—	+ 6	12.9	- 4.1	17.9	32
	Jhelum	000 76	3 23 02	97 01 1	948 98	1 1 7 0 1	- - - 98	000 79	4 00 00	96 02 1	980 90	0 0 9 0 1	9 4 0 82	+ 4	—	12.4	—	21.8	—
	Rawalpindi	000 72	0 00 00	99 00 0	954 93	0 0 9 0 0	- - - 97	000 76	8 00 00	99 01 1	086 85	0 0 9 1 0	- - - 79	+ 3	+ 4	13.5	- 8.6	24.3	30
	Murree †	000 65	7 09 02	95 02 4	925 70	7 5 2 0 0	3 × × 71	000 55	2 11 03	97 01 1	942 71	0 0 9 3 0	9 × 0 69	+ 1	+ 3	15.7	-11.0	36.8	58
	Attock	××× ××	0 09 02	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—			—
	Khushab	000 74	2 29 05	98 08 1	965 04	0 0 9 0 4	- - - 05	000 76	3 25 02	99 03 1	981 02	0 0 9 0 4	- - - 84	+ 5	+ 3	1.9	5.9	7.6	15
	Montgomery	000 78	2 00 00	96 01 1	968 00	2 1 7 0 0	9 × × 02	000 77	2 13 03	96 01 1	987 87	0 0 9 0 1	0 9 × 84	+ 1	+ 2	2.5	- 3.2	6.1	10
	Leiah	000 78	2 23 02	97 01 0	969 05	0 0 9 0 3	- 06	000 76	0 13 08	97 00 0	977 91	0 0 9 0 0	- - - 86	—	—	0.9	—	6.5	3
	Multan	000 78	8 00 00	97 02 1	973 00	0 0 9 0 0	9 9 9 00	000 79	0 18 05	96 00 0	987 87	0 0 9 0 0	- - - 83	+ 2	0	2.5	- 1.5	5.5	7
	Khanpur	000 76	8 29 02	96 03 1	971 01	4 1 7 4 0	9 × 9 06	000 78	2 23 09	95 05 0	988 01	0 0 9 0 8	9 9 × 85	+ 3	+ 4	1.9	2.8	7.5	6
	Bahawalpur	000 80	× 00 00	97 03 1	072 98	× × × × ×	9 9 9 00	000 79	0 20 05	97 00 0	998 87	9 0 9 9 0	9 × × 83	0	+ 2	1.9	1.9	5.0	6
	Fort Abbas	000 91	4 00 00	96 03 1	965 ××	0 0 9 3 0	9 × × 02	000 76	0 23 03	96 00 0	975 85	0 0 9 0 0	3 × × 76	—	—	0.9	—	1.8	3
N. W. F. P.	Drosh *	000 42	1 25 07	99 02 1	361 97	1 1 7 0 0	3 × × 98	000 55	0 00 00	99 00 0	912 80	0 0 0 0 0	- - - 75	+ 3	+ 3	1.1	—	21.8	15
	Chakdara	000 75	0 00 00	99 00 0	957 98	0 0 9 0 0	- - 95	000 71	0 31 02	98 00 0	985 83	0 0 9 0 0	- - - 74	—	—	5.8	—	17.6	—
	Cherat *	000 69	2 18 02	93 01 1	914 88	2 1 7 0 0	4 × × ××	000 66	0 29 02	97 00 0	918 77	0 0 9 0 0	- - - 72	—	+ 2	3.8	- 4.6	25.9	29
	Peshawar							000 74	1 34 05	97 01 1	962 89	0 0 9 0 1	- - 81		+ 2	1.1	- 2.1	8.4	14
	Parachinar	000 59	2 13 02	99 01 1	937 88	0 0 9 3 0	5 × 1 86	000 55	1 05 02	99 01 1	928 77	0 0 9 0 1	2 8 × 68	+ 1	2	7.9	—	25.7	23
	Miranshah	000 61	2 07 05	98 01 0	890 95	2 1 7 3 0	- - - 96	000 67	0 00 00	99 00 0	890 81	0 0 9 0 0	- - 78	—	—	2.9	0.7	10.5	13
	Bannu	000 64	0 13 03	99 00 0	965 99	0 0 9 0 0	- - - 00	000 78	0 05 02	99 00 0	977 91	0 0 8 0 0	- - - 82	—	—	3.2	—	8.1	11
	D. I. Khan	000 47	0 09 02	95 00 0	008 01	0 0 9 0 0	- - - 01	000 80	0 09 02	96 00 0	980 88	0 0 9 0 0	- - - ××	+ 1	—	1.1	- 5.2	2.8	9
	Wana																		11
	Landikotal	000 71	0 09 02	92 00 1	883 91	0 0 9 0 0	- - - 93	000 69	0 00 00	99 00 0	901 83	0 0 9 0 0	- - - 74	—	—	1.9	—	11.5	—
	Hangu	××× ××	0 08 00	97 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thull							××× ××	0 30 02	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 52	6 12 05	97 08 1	891 90	4 7 6 4 0	9 × × 95	000 62	0 00 00	97 05 0	910 81	0 0 9 0 0	9 × × 74	- 2	+ 1	3.1	- 1.1	9.0	11
	Hindubagh	000 35	3 13 05	98 01 1	906 00	0 0 9 0 2	7 0 × 92	000 41	0 37 09	98 00 1	925 77	0 0 9 0 0	- - - 46	—	—	0.1	—	3.4	—
	Loralai	000 64	4 13 05	96 03 2	882 82	0 0 9 8 0	- 92	000 58	0 00 09	96 00 2	908 77	0 0 9 0 0	- - - 63	—	—	1.7		8.1	—
	Harnai (a)	000 ××	5 09 02	95 01 1	— —	0 0 9 0 5	3 0 × —	000 ××	× 00 00	96 01 1	— —	0 0 9 0 5	- - - —	—	—	2.0	- 3.0	10.6	14
	Sibi	000 85	2 05 05	98 01 1	958 06	0 0 9 0 1	- - - 06	000 74	0 00 00	93 00 0	984 93	0 0 9 0 0	- - - 87	—	—	2.3	—	3.7	5
	Quetta †	000 48	2 02 02	98 05 0	918 89	0 0 9 3 0	- - - 91	000 46	0 29 02	97 04 0	929 68	0 0 9 0 0	- - - 55	—	—	0.8	- 0.2	9.3	9
	Chaman	000 51	0 27 03	97 00 0	896 94	0 0 9 0 0	- - - 95	000 54	0 11 03	97 00 0	923 82	0 0 9 0 0	- - - 71	- 3	- 1	0	0.1	9.6	3
	Nushki	000 43	7 27 16	98 01 0	923 99	0 0 9 0 1	9 9 0 00	000 58	6 00 00	97 01 0	977 87	0 0 9 0 2	9 9 0 78	—	—	0	—	5.4	—
	Dalbandin *	000 41	2 02 08	95 05 1	011 09	0 0 9 0 2	- - ××	000 46	2 00 00	96 05 1	925 77	0 0 9 0 2	- - - 68	—	3	0	- 0.3	1.8	4
	Nokkundi	000 56	2 34 13	99 03 1	971 00	0 0 9 0 1	9 0 × 02	000 41	1 34 04	99 01 1	005 84	0 0 9 0 1	9 0 × 79	—	—	0	—	0.9	3
	Kalat †	000 48	0 00 00	98 00 0	938 86	0 0 9 0 0	- - - 87	000 34	0 18 02	98 00 0	948 64	0 0 9 0 0	- - - 56	- 3	- 1	0.7	- 0.4	9.7	7
	Turbat	000 73	1 32 02	97 01 1	974 03	0 0 9 0 1	9 0 × 05							—					—
	Panjgur *							000 35	1 09 02	97 03 1	930 68	0 0 9 0 1	3 6 × 62		11	0	—	3.2	5
	Las Bela	000 77	0 22 06	99 00 0	960 01	0 0 9 0 0	- - - 80	000 76	0 00 00	99 02 0	947 83	8 × 5 0 0	3 0 0 72	—	—	1.6	—	1.7	6
	Ormara	000 81	6 25 09	94 08 0	997 87	9 0 9 0 6	- - - 87	000 80	4 25 05	95 01 1	019 81	4 5 6 0 0	- - - 79	—	—	0.8	- 0.5	3.1	6
	Pasni	000 86	0 25 09	95 09 0	996 80	0 0 9 0 0	- - - 88	000 76	6 27 05	96 02 0	025 80	6 4 5 0 0	- - - 74	—	- 3	0.8	0.1	4.9	6
	Jiwani																		4
SIND	Reti	000 85	8 24 03	96 02 2	978 98	0 0 9 2 0	- - - 90	000 80	0 18 05	98 00 2	993 88	0 0 9 0 0	- - 84	—	—	1.7	—	2.3	—
	Jacobabad	000 73	7 13 07	96 03 1	960 08	0 0 9 0 1	- - - 04	000 77	0 18 03	96 00 0	936 88	0 0 9 0 0	- - - 85	+ 1	+ 3	1.3	0.7	1.5	4
	Sukkur	000 77	8 00 00	98 03 2	470 02	0 0 9 1 0	- - 03	000 77	2 ×× ××	96 01 1	060 87	0 0 9 0 2	- - - 88	—	—	0.5	—	1.0	4
	Pad Idan	000 71	4 00 00	96 01 1	965 02	3 5 7 6 1	- - - 03	000 78	3 13 05	99 01 1	989 85	0 0 9 0 1	- - - 81	—	—	0	—	0.1	—
	Karachi (Manora)	000 82	5 25 09	98 02 2	995 85	2 6 4 1 0	- - - 88	000 75	8 25 09	97 02 2	020 81	8 6 4 0 0	- - - 81	+ 3	+ 3	1.5	- 2.7	1.6	3
	Karachi (A. P.)	000 77	3 20 14	96 03 1	992 84	1 4 4 0 2	- - - 92	000 74	8 27 09	98 03 1	020 82	8 6 4 - -	- - - 81	—	—	2.9	—	3.0	—
	Badin	000 77	0 ×× ××	97 00 0	986 95	0 0 9 0 0	- - - 99	000 72	0 ×× ××	97 00 0	028 84	0 0 9 0 0	- - - 81	+ 7	+ 3	0.8	- 4.8	0.8	9
	Nagarparkar																		—
	Chhor (Umarkot)	000 80	4 20 05	97 00 0	978 98	0 0 9 0 4	- - - 00	000 79	0 28 00	97 00 0	019 87	0 0 9 0 0	- - - 80	—	—	2.1	—	2.1	—
	Hyderabad	000 77	4 31 05	97 29 9	082 85	1 3 5 2 1	- - - 03	000 70	0 33 05	96 00 0	018 83	0 0 9 0 0	- - - 79	+ 8	0	1.8	- 3.2	2.0	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul																		—
	Jalalabad	000 77	1 09 02	97 01 1	952 90	0 0 3 7 0	3 × 9 0 3	000 74	0 00 00	97 00 1	987 80	0 0 9 0 0	- - - 77	—	—	0	—	10.5	—
	Kandahar							000 53	0 00 00	97 00 0	885 69	0 0 9 0 0	- - - 57	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY THE 20TH AUGUST 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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 T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1D_MD_MT_nT_n$	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	Charbar																		
	Jask																		
	Mashec																		
	Bushire																		
Arabia	Muscat	000 79	6 18 02	97 01 0	005 85	0 0 9 2 0	- - - 87	000 82	0 00 00	96 00 0	010 84	0 0 9 0 0	- - - xx	- 3	—	0	- 0.1	3.3	4
	Sharjah																		4
	Kuwait	000 xx	3 07 03	97 01 1	991 96	0 9 9 0 3	- - - 98	000 xx	2 00 00	97 03 1	033 92	0 0 9 3 0	- - - 85	—	—	0	—	1.5	1

* 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 $L_aL_aL_a$	$L_oL_oL_o$ 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	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalazad	13 171	646 03	4 23 13	97 02 1	027 82	40 8 60	2 5 810	8 x xxx	0 62 78	1 22 23
Warala	13 241	669 26	4 25 09	98 02 1	044 84	13 4 60	4 4 308	8 4 488	0 00 80	1 25 22
Dwarka	13 251	623 12	2 22 07	98 01 0	009 84	90 9 21	6 5 574	...	0 10 77	—
Jalazad	13 178	669 12	0 22 13	97 02 1	025 85	60 8 60	2 5 826	8 x xxx	0 06 84	1 21 22
Strathaird	13 113	753 11	0 22 10	98 16 8	081 84	48 5 98	2 7 607	...	0 00 72	1 25 64
Dwarka	13 251	626 06	2 22 07	98 01 0	002 80	60 9 85	1 5 108	—	0 52 77	—
Jalazad	13 178	666 06	0 25 13	97 02 1	072 82	82 7 00	2 5 510	—	0 07 77	1 22 22
Jaf zad	13 180	684 15	0 25 13	98 02 1	056 88	83 0 00	2 5 192	—	0 00 78	1 22 22
Dara	13 252	575 16	2 00 09	98 00 0	028 80	00 9 01	2 5 330	...	0 52 82	1 14 xx
Dwarka	13 247	613 15	7 21 13	98 03 0	015 82	71 4 00	5 5 117	...	0 52 79	—
Jorla	13 238	674 12	3 23 09	96 02 0	027 83	21 5 60	3 4 309	8 2 480	0 00 80	1 18 22
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTRoXIXa	PIPthIthIh	TxTxTdxTdxTRx etc.	5555	hIhIPIPIP2	TxTxTdxTdxTRx etc.
1	2	3	4	5	6	7	8	9	10
Karachi ...	788 14	999 28	247 60	854 73	280 76	700 18	129 90	509 09	579 97	301 46	819 91	555 55	319 00	851 32	655 00	215 14	434 00	089 91	575 68	009 90	464 00	793 91	783 50	779 91	157 48

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 (Hdddff)*

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	15	20	25	30	1	2	3	4	5	6	1	2	3	4	5	6	8	10
	1	2	3	4	5	6	7	8	9	12	14		12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bores	13 09	14 08	15 07	14 10	14 07	—	—	—	—	—			17 15	18 13	17 10	18 05	18 08	17 10	14 08	13 10	13 11	13 09	—	20 06	11 09	12 18
Chhor	22 15	23 13	21 10	22 12	—	—	—	—	—	—			—	—	—	—	—	—	22 20	22 24	22 19	24 13	20 09	—	—	—
Chittagong	21 12	17 04	16 05	14 10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar	119 15	219 12	317 14	519 06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15 14	16 16	16 13	16 15	13 13	11 09	—	—
Dacca	14 09	14 13	14 13	13 10	14 10	—	—	—	—	—	—	—	15 14	15 16	15 14	15 11	15 08	—	14 15	14 12	14 11	14 09	14 08	—	—	—
Dalbandin	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	08 09	07 10	11 09	—	—	11 01	84 09	84 07	86 08	14 12	16 08
Dehar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11 01	11 01	07 08	07 08
Dese	—	—	—	—	09 01	23 05	19 04	25 25	24 25	24 85	—	—	—	—	—	—	—	—	—	—	—	—	29 09	26 05	25 06	23 04
Fort Sandeman	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	523 05	729 14	037 09	—	—	—	25 01	84 10	08 11	—	—
Sacs babac	—	—	—	—	—	—	—	—	—	—	—	—	18 09	19 08	20 09	07 22	04 07	07 08	21 09	21 05	25 02	27 08	01 01	09 12	10 11	26 05
Jacobabac	17 05	26 04	28 05	28 02	03 04	28 03	24 05	29 08	—	—	—	—	—	—	—	—	—	—	08 01	20 03	25 04	28 10	23 08	84 10	25 08	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	28 12	21 11	32 09	31 08	01 05	25 08	25 12	28 09	18 17	10 25			27 15	27 15	—	—	—	—	27 11	28 16	—	—	—	—	—	—
Khanpur	24 05	21 06	11 00	10 02	07 06	14 11	14 11	—	—	—			19 15	22 19	24 10	21 02	09 06	07 12	23 15	24 16	—	21 08	11 09	—	—	20 09
Lahore	30 03	24 04	25 03	22 06	21 07	—	—	—	—	—			20 10	25 06	25 05	23 07	23 10	24 10	26 07	27 14	27 13	27 10	30 06	24 07	24 05	—
Multan	08 03	10 01	10 01	09 08	08 07	19 08	—	—	—	—			—	—	—	—	—	—	28 12	25 24	24 15	27 08	31 05	27 01	18 05	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	24 10	24 10	26 09	24 06	26 09	25 15	25 10
Quetta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25 10	28 06	—	—	—	—	31 06	28 11	11 17	28 05
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v_r)

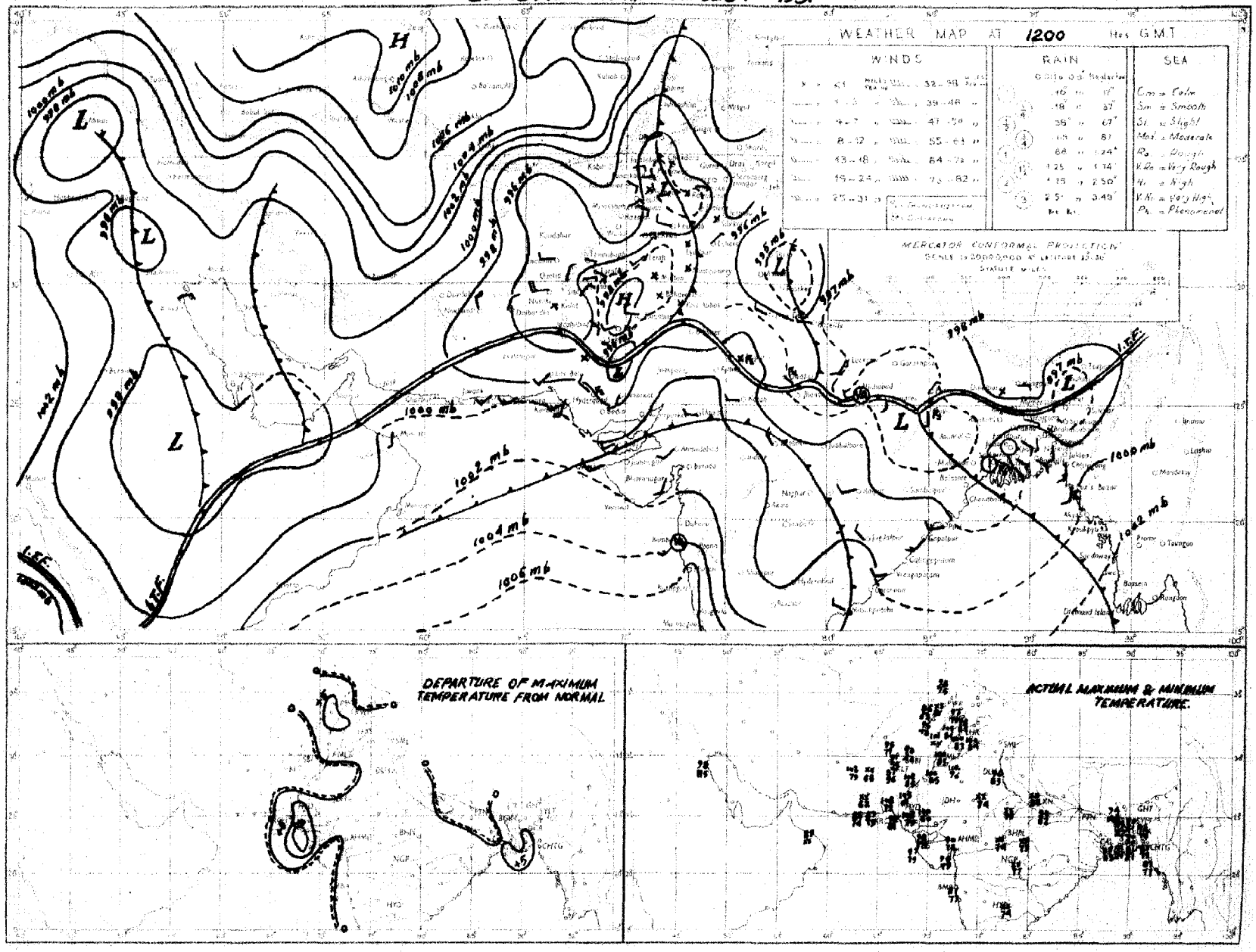
Jhelum 99803 12903

* 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

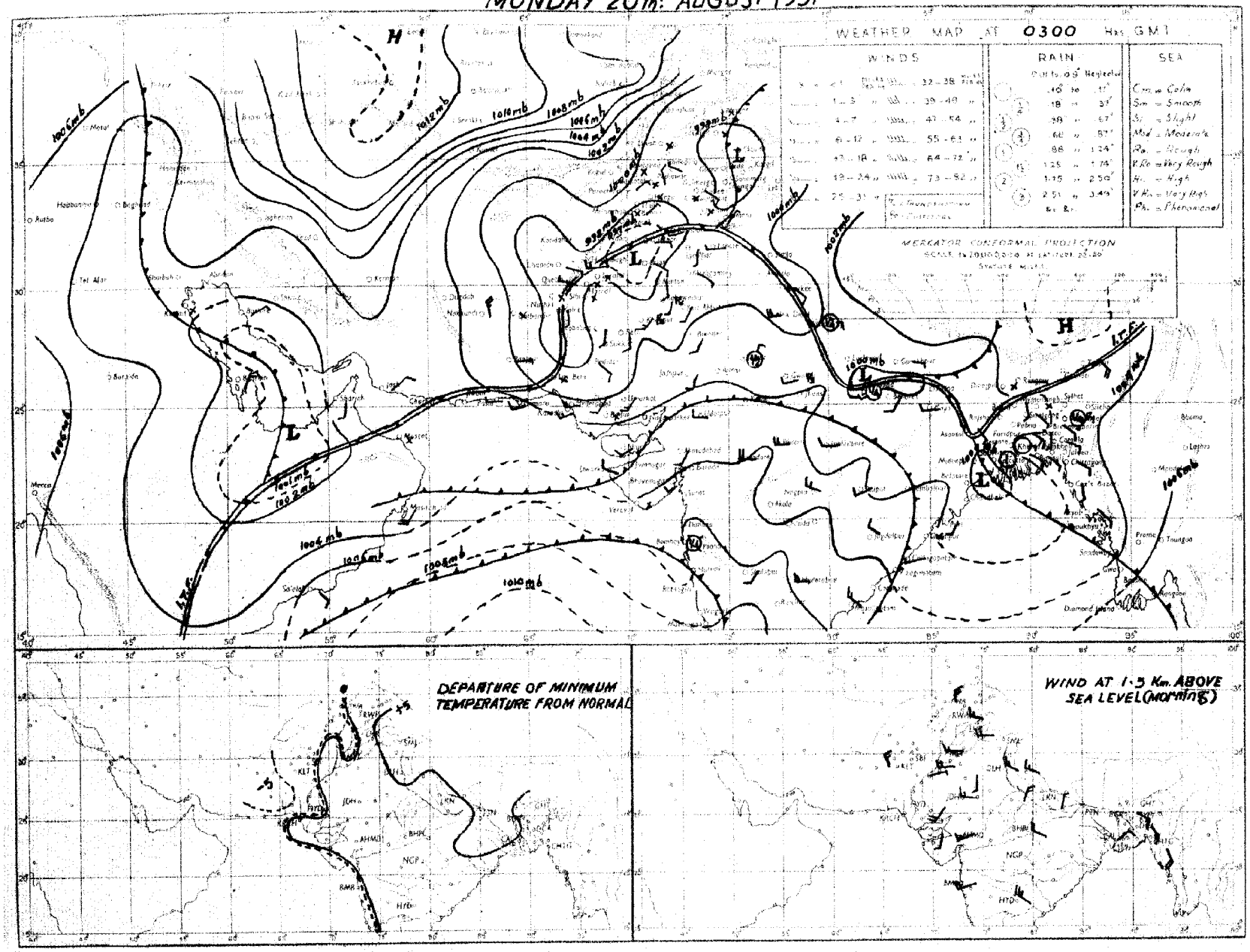
SUNDAY 19th. AUGUST 1951



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

PAKISTAN DAILY WEATHER MAP

MONDAY 20th: AUGUST 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-1467

FOR TUESDAY, THE 21ST AUGUST, 1951

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

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

Seasonal low lies over the north Punjab. Associated monsoon trough extends from the Punjab Kumaon hills to head Bay.

Local rain has occurred in East Pakistan.

Chief amounts of rainfall are :—Cox's Bazar and Srimangal 1" each and Satkhira ½".

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

Forecast valid until the evening of 22nd :—Local rain/thundershowers will occur in East Pakistan and scattered thunderstorms/showers in the extreme north Punjab and Kashmir. Scattered duststorms will also occur in north Baluchistan.

Karachi-11.
The 21st August, 1951.

OBSERVATIONS.

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T of previous day: $RRRT_dT_d$	$N\ dd\ ff$	$VVwwW$	$PPPTT$	$N_hC_Lh\ C_MC_H$	$W_tD_LD_MT_xT_x$	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	002 77	4 xx xx	- - -	012 84	3 6 6 8 0	- - - 90	087 72	8 13 07	95 02 6	014 80	2 x 4 2 0	- - - 78	+ 5	+ 2	68 6	- 17 9	78.3	140
	Chittagong	000 77	8 13 09	96 20 1	002 82	3 3 6 0 0	- - - 89	002 76	8 16 09	96 20 5	036 82	8 0 7 2 0	- - - 78	+ 8	+ 2	60 8	8.8	80 5	105
	Comilla	000 81	6 18 09	98 03 1	996 81	4 3 7 0 2	- 90	004 78	7 12 05	95 03 1	019 82	7 4 7 0 0	8 0 0 78	+ 3	+ 2	68 5	+21 9	75 1	118
	Brahmanbaria	000 81	3 23 02	07 03 1	994 89	3 4 5 0 0	- - 92	015 78	8 13 05	97 03 1	030 83	8 0 7 2 -	- - - 79	—	-	33.0	2.7	43 9	94
	Dacca	xxx 79	7 16 02	96 20 2	991 86	6 8 5 2 0	- - - 90	xxx 80	7 18 02	96 01 6	021 83	5 5 4 3 0	- - - 77	—	—	—	—	—	78
	Narayanganj	000 80	8 18 03	95 03 2	991 83	1 2 5 0 7	- - - 92	010 79	8 16 03	95 08 6	019 85	8 5 5 - -	- - - 81	+ 5	+ 2	40.7	+ 6 4	59.6	74
	Mymensingh	000 79	8 00 00	99 02 2	998 87	8 4 7	- - - 90	000 78	8 09 02	99 02 2	026 84	8 4 7 - -	- - - 80	+ 3	+ 2	40 3	- 3 4	50.2	91
	Srimangal	000 82	7 36 02	97 03 1	993 86	4 5 6 0 3	- - - 91	069 79	7 18 02	97 02 9	037 79	5 8 7 3 0	- - - 77	+ 1	+ 1	45 5	+ 3 0	72 1	98
	Khulna	000 78	4 16 08	97 00 0	989 87	4 3 7 0 8	- - - 91	015 29	4 18 02	96 02 5	019 86	6 8 6 0 0	- - - 80	+ 4	+ 2	21 2	5 0	19.8	68
	Satkhira	019 82	6 00 00	97 62 6	990 86	6 4 6 6 0	- - - 92	019 81	7 00 00	97 02 1	014 86	6 4 6 6 0	- - - 81	+ 4	+ 3	20 5	13 0	29 1	63
	Jessore	000 81	5 18 03	96 02 2	984 85	5 8 6 0 0	- - 95	000 78	7 18 02	98 02 1	015 86	2 8 6 0 0	- - - x	—	—	19 0	13.3	26 2	65
	Faridpur	000 80	7 18 09	96 02 1	992 87	2 4 6 1 0	9 x x 87	000 80	7 18 02	97 02 1	020 85	5 4 6 1 0	9 x x 81	0	+ 2	28 2	5 9	34 9	71
	Barisal	000 78	7 16 03	98 01 1	994 86	4 4 5 0 6	- - - 92	030 79	8 16 03	98 08 2	016 85	8 8 6 7 6	- - - 81	+ 5	+ 2	30 5	11.2	40.1	81
	Pabna																		58
	Rampur Boalia																		58
	Sirajganj	000 81	8 13 03	99 02 2	976 83	6 2 8 - -	- - - 90	000 81	8 12 02	99 02 2	018 85	8 2 7 - -	- - - 82	+ 3	+ 3	30.7	0.9	40 7	64
	Bogra	000 81	4 09 02	96 02 1	978 83	2 1 6 3 0	- - - 90	000 78	6 12 02	96 01 1	015 85	4 8 6 0 5	- - - 85	+ 1	+ 7	27 0	- 7 8	33.8	68
	Dinajpur	000 81	6 00 00	97 02 2	003 89	0 0 9 2 0	- - - 95	000 81	5 00 00	97 02 2	032 86	0 0 9 4 0	- - - 82	+ 6	+ 4	27 0	10 2	13.2	72
	Rangpur	000 xx	2 11 02	98 02 1	— —	2 1 8 0 0	- - - —	000 xx	8 09 02	96 02 1	858 00	x x x x x	- - - —	—	—	49 7	+ 7.1	59.0	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 73	4 30 00	96 01 0	952 00	0 0 9 3 0	0 0 6 02	000 75	2 00 00	96 01 0	950 87	0 0 9 0 2	- - - 84	+ 4	+ 5	5.8	- 0 9	10 0	11
	Lahore	000 78	3 27 03	97 02 1	957 99	3 2 7 0 2	9 6 x 02	000 77	7 27 03	98 01 1	962 89	0 0 9 4 6	9 7 9 85	+ 5	+ 7	9 9	0.9	14.0	18
	Sialkot	000 80	5 00 00	97 03 1	950 97	5 0 8 6 2	- - 99	000 84	3 00 00	97 02 1	963 90	x 0 8 6 1	- - - 86	+ 5	+ 6	13.0	- 4.4	17.9	22
	Jhelum	000 77	0 18 08	97 03 1	948 99	1 1 7 0 6	9 9 x 00	000 80	2 13 02	96 02 1	952 91	0 0 9 0 1	- - - 83	—	—	12 4	—	21 8	—
	Rawalpindi	000 75	2 00 00	99 01 1	950 96	0 0 9 1 0	- 99	000 76	2 00 00	99 01 1	954 92	0 0 9 2 0	- - - 82	+ 5	+ 7	13 5	- 2 6	24.9	30
	Murree †	000 56	5 29 03	97 02 1	921 74	5 9 4 0 0	9 x x 77	000 62	4 27 02	97 01 1	912 68	2 1 4 0 4	9 4 x 61	+ 7	+ 6	15.7	- 11 4	38.8	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	- - - —		—	—	—		—
	Khushab	000 74	3 20 05	98 02 1	942 05	0 0 9 0 4	- - - 07	000 78	0 23 05	98 00 0	952 92	0 0 9 0 0	- - - 80	+ 7	+ 5	1.9	6 1	7.6	15
	Montgomery	000 73	6 27 01	97 01 1	955 02	1 1 8 2 3	9 0 0 02	000 75	3 23 03	96 01 1	957 89	0 0 9 3 0	9 x 0 86	+ 1	+ 5	2.5	- 3.3	6.1	10
	Leiah	000 80	0 23 02	97 00 0	947 06	0 0 9 0 0	- 09	000 76	0 18 05	96 00 0	945 91	0 0 9 0 0	- - - 88	—	—	0.9	—	6.5	8
	Multan	000 76	0 18 05	97 01 0	966 01	0 0 9 9 0	- - - 03	000 74	0 23 05	96 01 0	953 87	0 0 9 0 0	9 9 9 85	+ 5	+ 3	2.5	- 1 6	5 5	4
	Khanpur	000 74	0 23 05	96 01 0	953 04	0 0 9 0 0	- - - 06	000 71	0 23 09	94 05 0	907 87	0 0 9 0 0	- - - 84	+ 3	+ 3	1.0	2 4	7.5	6
	Bahawalpur	000 75	4 13 02	97 03 1	957 03	4 0 9 0 2	4 0 9 04	000 74	3 20 12	97 03 1	964 87	0 0 9 0 4	9 x x 86	+ 4	+ 6	1.9	1.9	5.0	6
	Fort Abbas	000 92	5 23 03	96 03 1	962 02	0 0 9 5 0	6 x 8 30	000 72	0 23 03	96 00 0	xxx 88	0 0 9 0 0	3 x x 79	—	—	9.9		1.8	8
N. W. F. P.	Drosh *	000 51	1 35 10	99 01 1	838 97	1 2 7 0 0	6 x x 91	000 60	4 00 00	98 02 1	979 80	4 5 5 0 0	5 x x 79	+ 6	+ 8	1 1	—	31.8	18
	Chakdara	000 74	0 18 03	00 00 0	948 95	0 0 9 0 0	- 97	000 75	0 00 00	98 00 0	952 81	0 0 9 0 0	- - - 79	—	—	5 3	—	17.6	—
	Cherat *	000 62	2 18 07	93 01 1	890 91	0 0 9 0 1	- - xx	000 67	0 20 05	97 00 1	884 79	0 0 9 0 0	2 x x 76	—	+ 7	3.8	- 4 7	25.9	29
	Peshawar	000 76	2 02 07	97 02 1	042 99	1 1 7 0 1	- 01	000 73	1 24 05	96 01 1	950 90	0 0 9 0 1	- - - 88	+ 3	+ 6	1.1	- 2 2	5.4	14
	Parachinar	000 57	2 13 02	99 01 1	907 85	0 0 9 3 0	5 x 7 87	000 58	1 00 00	99 01 1	907 74	0 0 9 0 1	2 8 x 66	+ 2	+ 2	7.9	—	25.7	29
	Miranshah	000 64	0 xx xx	99 00 0	879 93	0 0 9 0 0	- - - 09	000 65	0 00 00	99 00 0	870 83	0 0 9 0 0	- - - 80	—	—	2 9	0 7	10.5	18
	Bannu	000 64	0 13 03	99 00 0	947 03	0 0 9 0 0	- - - 03	000 77	0 00 00	99 00 0	945 90	0 0 9 0 0	- - - 88	—	—	3.2	—	8.1	11
	D. I. Khan	000 81	0 00 00	96 00 0	946 05	0 0 9 0 0	- - - 06	000 79	0 05 02	95 00 0	936 90	0 0 9 0 0	- - - 85	+ 5	+ 4	1 1	3.3	2.8	9
	Wana																		11
	Landikotal	000 78	0 05 03	92 00 0	869 93	0 0 9 0 0	- - - 98	000 69	0 00 00	99 00 0	875 85	0 0 9 0 0	- - - 77	—	—	1.9	—	11.5	—
	Hangu	xxx xx	0 00 09	97 00 0	— —	0 0 9 0 0	- - - —							—					—
	Thall	xxx xx	0 23 90	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 31	2 00 90	97 02 1	890 93	0 0 9 4 1	2 x x 00	000 47	0 00 00	97 05 0	906 82	0 0 9 0 0	- - - 75	+ 3	+ 2	3.1	- 1.1	9.0	15
	Hindubagh	000 36	0 22 09	98 00 0	895 95	0 0 9 0 0	- - 98	000 44	0 37 02	98 00 0	906 82	0 0 9 0 0	- - - 71	—	—	0 1	—	8.4	—
	Loralai	000 55	0 13 05	96 00 0	874 92	0 0 9 3 0	- - - 95	000 50	0 27 06	98 00 0	879 76	0 0 9 0 0	- - - 65	—	..	1.7		8 2	—
	Harnai (a)	000 00	2 39 02	95 01 1	— —	0 0 9 0 6	9 2 0 —	000 00	0 27 02	96 00 1	— —	0 0 9 0 0	- - - —		—	2.0	- 3.7	10 6	14
	Sibi	000 59	0 23 05	98 00 0	947 09	0 0 9 9 0	- - - 89	000 78	0 13 05	98 00 0	967 80	9 0 9 0 0	- - - 86	—	—	2.2	—	3.8	3
	Quetta †	000 39	1 29 03	99 01 0	920 92	0 0 9 0 1	- - - 92	000 46	0 00 00	98 05 0	908 69	0 0 9 0 0	- - - 57	—	—	0.8	- 0.2	9.3	3
	Chaman	002 64	0 36 02	97 00 0	880 97	0 0 9 0 0	- - - 98	000 61	0 23 02	97 00 0	896 82	0 0 9 0 0	- - - 73	0	+ 3	0	0 1	9.6	3
	Nushki	000 37	2 29 05	98 01 0	951 01	0 0 9 0 1	9 9 0 02	000 34	0 34 10	97 00 0	967 81	0 0 9 0 0	- - - 28	—	—	0	—	5 4	—
	Dalbandin *	000 45	4 00 00	96 02 1	900 02	0 0 9 0 1	- - - 04	000 42	0 13 02	96 00 0	897 74	0 0 9 0 0	- - - 67	- 1	- 2	0	- 0.3	1.8	4
	Nokkundi	000 53	2 34 09	98 02 1	958 03	0 0 9 0 4	9 0 x 05	000 42	1 34 24	99 03 1	976 85	0 0 9 0 1	9 0 x 67	—	—	0	—	0.9	2
	Kalat †	000 37	0 32 09	98 00 0	928 86	0 0 9 0 0	- - - 91	000 43	0 18 02	98 00 0	930 68	0 0 9 0 0	- - - 68	+ 2	+ 2	0.7	- 0.4	0.7	7
	Turbat	000 77	0 24 02	97 00 0	988 03	0 0 9 0 0	- - - 04	000 81	0 24 02	96 00 0	xxx 85	0 0 9 0 0	- - - 82	—	—	0	—	1.4	—
	Panjgur *	000 28	4 31 02	97 03 1	905 97	0 0 9 0 1	- - - 98	000 26	0 23 02	97 00 1	914 77	0 0 9 0 0	- - - 66	- 2	- 5	0	—	2.2	3
	Las Bela	000 78	0 22 08	99 00 0	974 00	0 0 9 0 0	- - - 04	000 77	0 00 00	99 00 0	985 83	0 0 9 0 0	- - - 72	—	—	1.6	—	1.7	3
	Ormara																		6
	Pasni	000 76	0 20 09	97 00 0	982 85	0 0 9 0 0	- - - 88	000 76	6 20 08	96 02 1	xxx 80	6 5 5 0 0	9 x x 77	- 1	+ 2	9.5	0 4	4.9	6
	Jiwani																		4
SIND	Beli	000 75	0 18 08	96 00 0	xxx 03	0 0 9 0 0	- - - 04	000 76	0 18 07	96 00 0	xxx 83	0 0 9 0 0	- - - 83	—	—	1.6	—	2.2	—
	Jacobabad	000 71	1 16 05	97 02 0	949 05	0 0 9 0 1	- - - 05	000 78	0 13 07	98 05 1	969 85	0 0 9 0 0	- - - 83	+ 2	+ 2	1.3	0.8	1.3	4
	Sukkur	000 73	1 xx xx	96 01 1	966 06	0 0 9 0 3	- - 07	000 74	2 16 03	96 02 1	970 83	x x x x x	- - - 80	—	—	0.5	—	1.0	4
	Pad Idan	000 68	2 00 00	98 01 1	968 01	0 0 9 0 1	- - 04	000 73	2 16 09	99 01 1	968 88	0 0 9 0 0	- - - 77	—	—	0	—	0.5	
	Karachi (Manora)	000 75	6 27 09	96 02 2	997 84	6 6 4 0 0	- - - 86	000 75	6 27 09	96 02 2	998 81	6 5 4 0 0	- - - 80	+ 1	+ 2	1.5	- 2.7	1 6	3
	Karachi (A. F.)	000 73	6 23 14	97 03 1	000 85	6 5 5 0 0	- - - 89	000 73	7 25 12	96 02 5	001 82	7 6 4 0 0	- - - 80		—	2.9		3.0	
	Badin	000 71	0 xx xx	97 00 0	996 93	0 0 9 0 0	- - - 96	000 73	0 xx xx	97 00 0	996 83	0 0 9 0 0	- - - 79	+ 4	—	7.0	+ 1.3	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 77	0 23 13	97 00 0	976 97	0 0 9 0 0	- - - 90	000 77	2 23 17	97 00 0	959 88	0 0 9 0 2	- - - 78	—	—	2 1	—	2.1	
	Hyderabad	000 73	0 23 07	97 00 0	982 95	0 0 9 0 0	- - - 98	000 71	0 23 07	96 00 0	982 88	0 0 9 0 0	- - - 80	+ 3	+ 1	1 8	- 3 3	2.0	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul	000 49	0 02 03	98 00 0	980 92	0 0 9 0 0	- - - 94							—					—
	Jalalabad	000 86	x 09 02	97 01 0	981 01	0 0 9 7 0	3 x 9 03	000 70	0 00 00	97 00 1	984 79	0 0 9 0 0	9 x x 77	—	—	0	—	10.5	—
	Kandahar	000 69	1 00 00	98 01 1	852 98	0 0 9 0 0	- - - 99							—					—

See footnote on page 2

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY THE 21ST AUGUST, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_gT_d	N dd	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_gT_d	N dd ff	VVwwW	PPP.TT	$N_hC_LhO_MO_H$	$W_1D_HD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall Since 1st June 51 to date	Depar-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
Iran	Dharbar	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	6
	Mashed	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	...	...	-	-			-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 64	0 81 09	97 00 0	005 xx	0 0 0 0 0	- - - 91	000 78	0 89 02	97 00 0	005 88	0 0 0 0 0	- - - xx	+ 1	—	- 0.1	3.3	—	4
	Bharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Kuwait	000 xx	0 09 02	97 00 0	022 99	0 0 0 0 0	- - - 01	000 xx	0 22 09	97 01 1	027 98	0 0 0 1 0	- - - 90	—	—	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, 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 1900 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 999 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_aL_aL_a$	$L_oL_oL_o$ 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	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ismailia	23 090	763 06	7 36 08	95 01 6	115 77	xx x xx	—	—	—	—
Warla	28 206	692 06	8 126 09	97 02 5	052 82	28 5 60	3 4 xxx	8 7 488	0 06 79	1 26 22
Khosron	28 176	676 12	9, 26 15	98 02x2	002 81	65 6 90	2 5 300	—	0 80 77	1 26 33
Jalaprakash	28 140	742 13	8 27 08	99 02 0	055 83	21 x x1	3 4 100	—	0 01 77	1 27 44
Warala	23 190	698 12	8 26 02	97 02 2	040 85	28 9 60	3 4 200	8 5 481	0 00 81	1 26 32
Pairajadra	23 197	718 12	8 25 02	95 50 5	028 77	9x x xx	—	—	—	—
Jalaprakash	23 130	745 13	6 27 03	98 02 3	001 81	21 x 05	3 4 101	—	0 00 74	1 27 33
Dara	23 241	690 13	0 13 02	98 00 0	079 xx	00 9 00	1 5 300	—	0 00 82	1 13 xx
Ismalia	22 110	764 13	8 29 12	96 18 8	—	—	—	—	—	—
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 ...	788 14	997 27	147 60	854 78	291 07	708 25	150 83	502 28	529 94	301 97	769 91	556 65	169 60	232 25	819 00	371 63	438 65	271 62	658 09	220 63	456 00	665 26	504 60	629 80	633 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. ††							
	3	7	8	5	7	10	13	20	25	30	1	5	8	3	7	10	1	5	8	3	7	10	15	20
1	2	6	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	19 08	18 11	14 15	13 11	—	—	—	—	—	—	15 15	15 15	15 18	16 09	15 08	—	—	—	—	—	—	—	—	—
Dhor	21 13	21 15	20 18	18 05	26 02	21 02	17 10	11 05	09 15	11 22	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chittagong	22 09	21 04	14 02	—	—	—	—	—	—	—	17 22	17 24	19 23	19 25	—	—	17 20	17 26	—	—	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	17 19	19 21	19 18	22 14	—	—	—	—	—	—	—	—	—	—
Dacca	21 08	19 12	15 11	12 12	—	—	—	—	—	—	10 14	17 16	17 14	17 08	—	—	14 11	—	—	—	—	—	—	—
Dalbandin	—	—	25 06	26 04	18 02	12 02	15 10	—	—	—	—	—	25 02	22 06	24 03	20 01	—	—	—	24 04	26 07	26 10	27 10	12 15
Drost	—	—	—	—	19 03	22 04	19 04	24 06	25 26	12 24	—	—	—	22 06	22 05	21 05	—	—	—	—	—	22 04	21 07	06 08
Fort Sandeman	—	—	—	31 00	09 01	08 05	13 05	21 03	20 04	18 13	—	—	—	21 14	22 14	17 14	—	—	—	—	15 06	26 08	20 21	13 05
Jacobabac	17 10	18 09	21 08	21 09	01 04	35 06	18 08	05 02	12 06	18 12	20 19	21 15	21 09	02 02	11 07	06 03	16 11	16 07	21 04	25 02	26 03	26 13	10 15	—
Jheim	20 03	26 04	26 04	31 04	31 07	31 08	31 05	26 10	18 07	20 16	18 04	21 07	23 11	28 05	25 07	—	18 08	20 07	26 19	19 05	24 11	21 19	—	—
Siwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 19	26 18	26 18	—	—	—	—	—	—	—	26 18	—	—	—	—	—	26 14	27 17	27 18	—	—	—	—	—
Khanpur	24 12	21 08	21 10	20 09	16 04	16 04	16 10	15 08	—	—	22 19	22 14	21 16	—	—	—	21 21	22 23	24 19	27 09	23 05	23 07	—	—
Lahore	08 03	27 10	26 11	26 04	27 10	28 06	25 04	21 04	—	—	21 15	24 15	25 19	27 10	29 05	24 01	25 06	26 22	27 24	29 15	26 06	06 06	24 12	29 05
Multan	22 08	19 15	20 17	19 07	21 02	28 04	14 07	15 11	—	—	21 25	29 20	22 27	25 07	29 07	02 08	21 28	28 25	—	24 04	27 04	23 09	04 06	20 08
Peshawar	—	27 10	07 08	08 04	21 13	24 15	20 15	17 17	22 17	21 15	—	21 18	29 07	25 10	30 03	—	25 17	—	23 17	25 12	24 12	23 13	27 16	31 21
Quetta	—	—	—	—	22 11	02 05	16 08	14 07	06 07	18 19	—	—	—	—	27 09	20 21	—	—	—	—	29 05	29 11	16 08	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shariat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

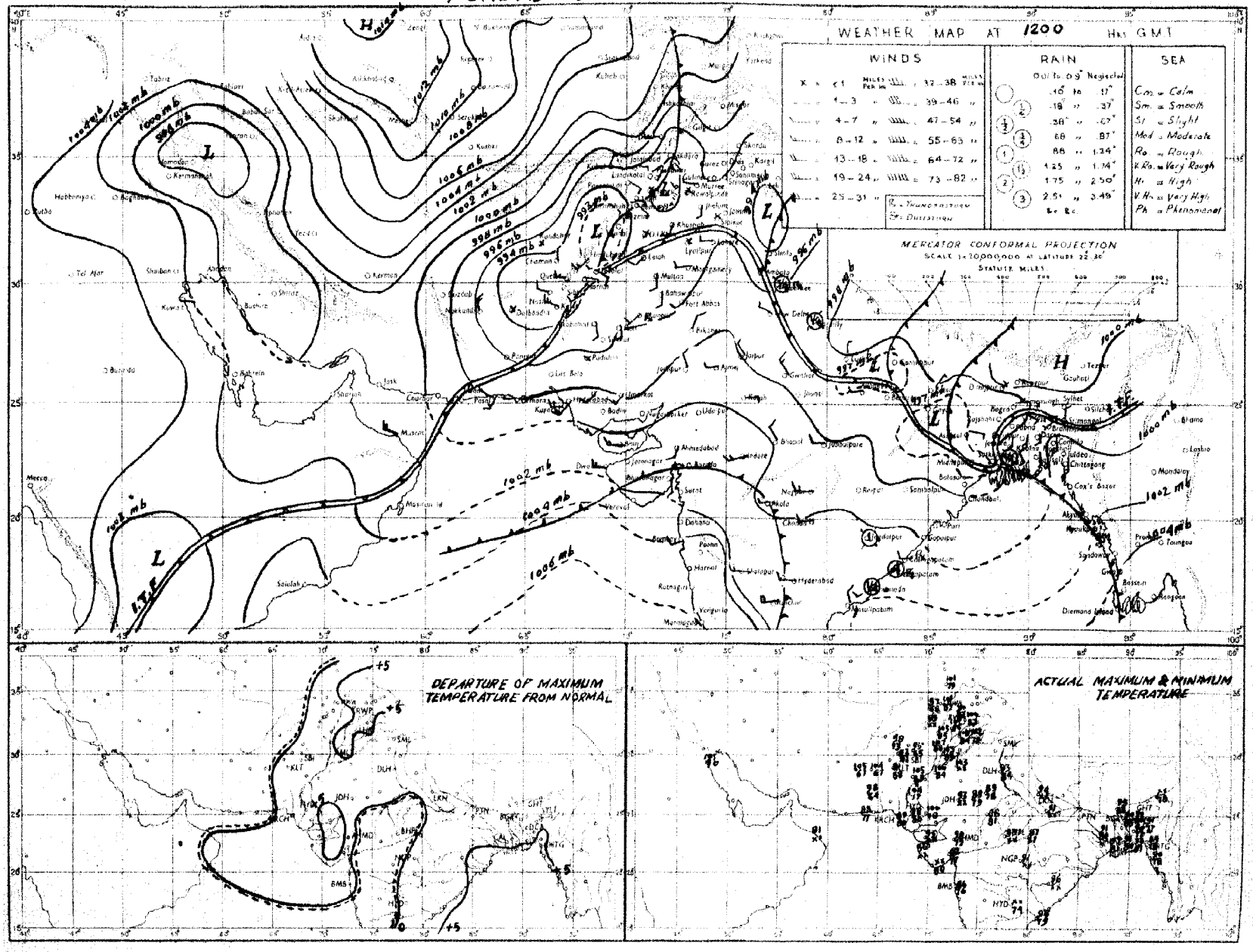
Cloud Observation Data (iiiGG Cddv, v,)

* 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, 0.9, 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

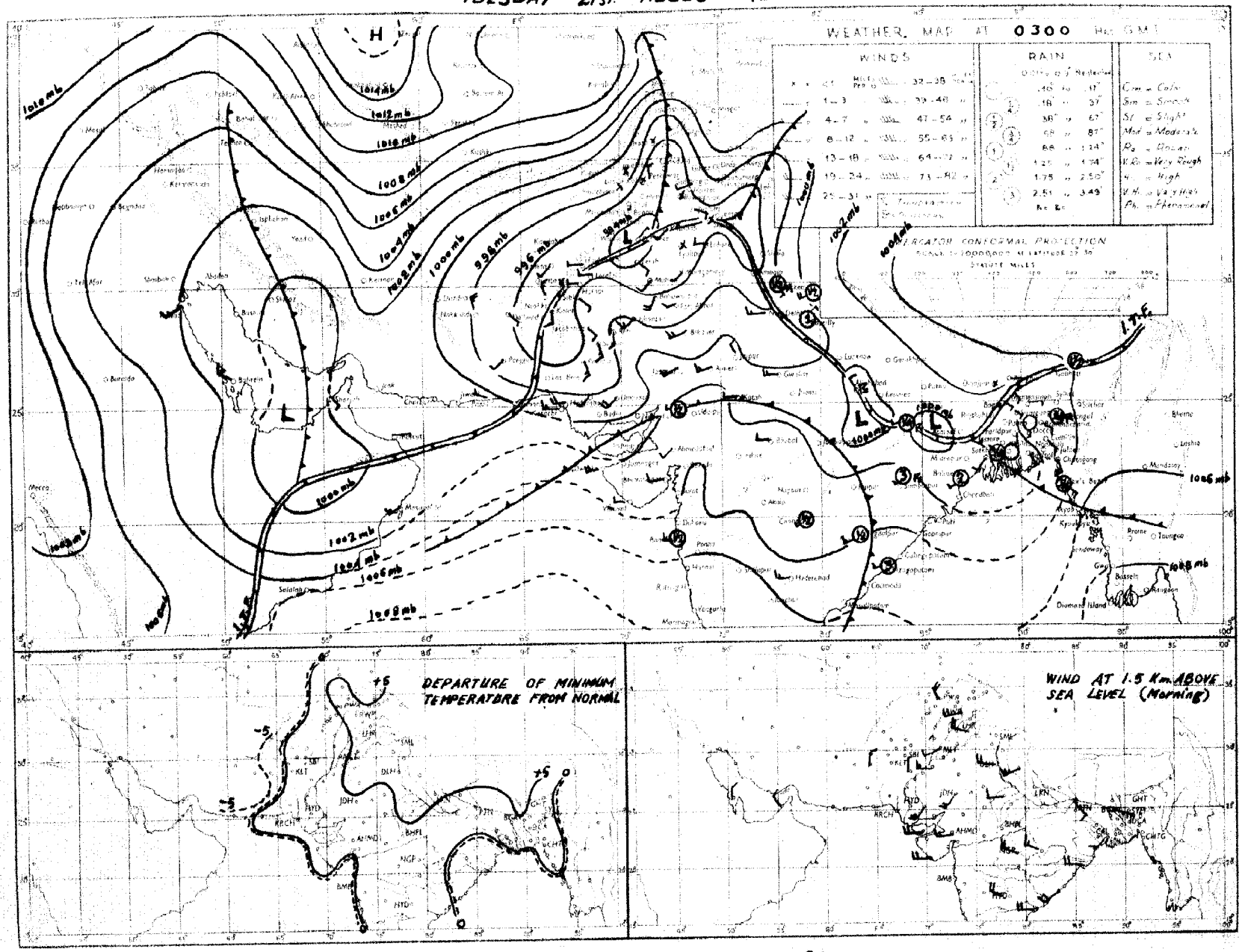
MONDAY 20th. AUGUST 1951.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 21st. AUGUST 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-1467

FOR WEDNESDAY, THE 22ND AUGUST, 1951

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

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

Seasonal low lies over the Punjab.

A trough of low extends from northwest United Provinces to the Northern sub-division of East Pakistan.

Fairly widespread rain has occurred in East Pakistan. Scattered thunderstorms/showers have been reported from the extreme north Punjab and scattered thunderstorms from the upper North-West Frontier Province.

Chief amounts of rainfall are:—Chittagong 8", Jessor and Sirajganj 4" each, Comilla and Faridpur 3" each, Cox's Bazar and Naryanganj 2" each, Brahmenbaria, Khulna and Bogra 1" each, Murree ¾", Satkhira ½", and Srimangal and Rangpur ¾" each.

Day 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 23rd:—Fairly widespread rain will occur in East Pakistan, the extreme north Punjab and Kashmir. Local thunderstorms/showers will occur in the North-West Frontier Province and plains of the north Punjab. Dustraising winds will also occur in North Baluchistan.

Locally moderate to heavy rain is also likely to occur in East Pakistan and moderate rain in the extreme north Punjab.

Karachi-11.
The 22nd August, 1951.

OBSERVATIONS.

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

DIVISION	STATION	At 1200 Hrs. G. M. T of previous day: RRRTdTd	NddFF	VVwwW	PPPTT	NhCLhCMCH	WtDLDMTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	Nddff	VVwwW	PPPTT	NhCLhCMCH	WtDLDMTnTn	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	062 78	8 18 07	94 62 6	020 79	8 6 4 2 0	- - - 83	196 77	8 18 09	93 63 6	059 78	2 6 4 6 6	- - - 76	- 2	0	70.6	- 16.7	80.2	140
	Chittagong	055 75	8 16 09	96 03 6	018 82	8 5 6 0 0	- - - 82	790 77	8 16 09	95 81 8	051 78	4 7 5 2 0	- - - 75	- 3	- 1	56.3	- 1.6	86.4	105
	Comilla	060 80	8 13 09	95 03 6	012 81	8 4 7 0 0	- - - 83	173 79	8 13 13	93 03 1	030 80	8 5 7 0 0	- - - 77	- 4	- 3	70.3	+ 23.1	74.9	118
	Brahmanbaria	000 73	8 13 05	97 03 1	— —	8 5 4 2 .	0 × 4 83	095 79	8 18 05	95 83 6	024 80	8 0 7 2 -	3 × 0 78	—	—	33.9	- 2.1	43 8	94
	Dacca	××× 79	8 20 02	97 02 2	992 83	6 8 4 4 0	- - - 89	××× 80	8 20 08	96 43 6	015 81	7 7 3 2 -	- - - 76	—	—	—	—	—	79
	Narayanganj	032 80	8 18 03	95 03 6	992 83	5 2 5 2 -	- - - 90	207 81	8 23 02	95 83 6	020 82	8 5 5 - -	- - - 78	+ 2	- 1	42.7	+ 8 0	61.7	74
	Mymensingh	000 77	8 00 00	99 02 2	004 86	× × × × ×	- - - 89	000 79	8 09 02	97 50 5	027 82	8 4 7 - -	- - - 79	+ 3	+ 1	40.3	- 3 9	59.2	91
	Srimangal	021 79	8 18 02	96 02 6	004 80	8 5 6 - -	- - - 89	023 77	8 10 03	97 02 6	037 81	8 5 5 - -	- - - 77	- 1	+ 1	45 3	+ 2.7	72.4	98
	Khulna	000 71	8 20 02	97 02 2	996 82	8 8 7 - -	- - - 88	001 78	8 00 00	96 63 2	023 ××	8 7 6 - -	- - - 81	+ 1	+ 2	22.1	- 4.6	40.7	68
	Satkhira	000 79	8 ×× ××	97 03 1	994 83	7 9 6 6 0	- - - 90	040 81	8 ×× ××	97 03 6	015 83	8 9 6 6 0	- - - 79	+ 2	+ 1	20.9	- 13.0	20.5	65
	Jessore	156 79	7 13 02	96 02 6	001 80	7 8 6 0 0	2 0 0 95	370 79	8 23 03	96 61 6	017 79	8 7 6 0 0	4 × × ××	—	—	32.7	10.0	29.9	65
	Faridpur	019 80	8 18 02	96 02 6	988 82	6 4 6 1 0	3 × × 88	289 78	8 20 02	95 60 6	014 79	7 6 5 1 0	9 × × 77	- 2	- 2	31.1	- 3.4	37.8	71
	Barisal																		81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 79	8 00 00	99 02 2	987 86	8 2 7 - -	- - - 90	151 78	8 18 02	98 66 8	000 79	8 7 8 - -	- - - 78	+ 3	- 1	34.3	+ 2 2	44.2	64
	Bogra	004 78	8 27 02	96 02 0	989 82	8 2 6 0 8	- - - 83	195 81	8 05 02	96 02 8	002 83	8 6 5 0 0	- - - 78	0	0	28.0	0.7	34.0	69
	Dinajpur	000 79	5 09 02	97 02 2	004 88	0 0 9 2 0	- - - 92	000 78	8 09 02	97 02 2	027 84	8 4 7 0 0	- - - 81	+ 4	+ 3	27 0	10.6	31.2	72
	Rangpur	000 ××	4 01 02	98 02 1	— —	4 1 8 0 0	- - - —	027 ××	8 09 05	96 02 6	— —	8 5 8 0 0	4 0 0 ××	—	—	50.0	+ 6.9	59.3	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 69	0 01 06	96 00 0	925 00	0 0 0 0 0	1 × × 01	000 70	1 11 07	95 05 4	968 85	0 0 9 0 2	9 0 0 83	+ 4	+ 4	5.8	- 1.0	10.0	12
	Lahore	000 75	3 23 03	97 02 2	938 01	4 8 7 0 5	9 7 × 02	000 71	4 00 00	96 02 2	982 88	0 0 9 0 4	9 7 × 83	+ 5	+ 5	9.9	1.1	14.0	19
	Sialkot	000 80	6 13 04	97 02 1	926 99	6 0 8 6 0	- - - 99	000 78	5 13 04	97 02 1	983 85	× 0 8 6 4	- - - 81	+ 5	+ 3	12.9	- 4.7	17.9	32
	Jhelum	000 81	3 23 07	97 02 1	921 99	1 1 7 0 1	- - - 01	000 76	3 13 05	96 03 1	976 65	0 0 9 7 0	- - - ××	—	—	12.4	—	21 8	—
	Rawalpindi	000 78	2 00 00	99 01 1	919 99	0 0 9 1 0	- - - 01	000 76	4 00 00	99 01 1	974 85	4 2 7 0 0	- - - 80	+ 8	+ 5	13.5	- 3 9	24.3	34
	Murree †	000 65	6 29 03	97 02 1	903 75	6 9 4 0 0	9 × × 77	076 61	5 13 02	96 02 9	915 65	5 5 5 0 0	6 × × 60	+ 7	+ 4	16.5	- 11.0	30.1	50
	Attock	××× ××	0 13 05	93 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 11 05	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Khushab	000 76	2 10 05	98 08 1	911 07	0 0 9 0 4	- - - 08	000 76	0 09 02	97 00 0	961 90	0 0 9 0 0	- - - 85	+ 9	+ 4	1.9	0.2	7 5	15
	Montgomery	000 70	0 00 00	96 00 0	927 01	0 0 9 0 0	- - - 01	000 72	4 23 03	96 01 1	974 88	0 0 9 3 0	9 × 0 83	+ 1	+ 2	2.5	- 3.3	6.1	10
	Leiah	000 76	0 23 05	97 00 0	916 05	0 0 9 0 0	- - - 08	000 82	0 20 05	96 00 0	951 88	0 0 9 0 0	- - - 86	—	—	0.0	—	0.6	5
	Multan	000 74	0 23 05	97 06 0	921 00	0 0 9 0 0	- - - 02	000 65	0 23 05	96 00 0	975 85	0 0 9 0 0	- - - 84	+ 4	+ 3	2 5	- 1.7	6 5	4
	Khanpur	000 71	0 13 07	96 04 1	921 03	0 0 9 0 0	- - - 04	000 73	6 18 12	96 02 1	968 88	0 0 9 5 3	0 0 4 51	+ 1	0	1.9	- 2 5	7.5	6
	Bahawalpur	000 69	0 23 02	97 00 1	936 01	0 0 9 0 0	- - - 03	000 74	6 20 12	97 03 1	970 84	0 0 9 2 0	0 0 0 88	+ 2	+ 3	1.9	2.0	6.0	6
	Fort Abbas	000 93	0 23 03	96 00 0	938 01	0 0 9 0 0	0 × × 02	000 71	0 23 03	96 60 0	980 87	0 0 9 0 0	- - - ××	—	—	0.9	—	1.8	3
N. W. F. P.	Drosh *	000 47	4 25 14	93 02 1	823 95	4 1 7 0 0	8 × × 97	000 56	4 00 00	97 02 1	881 80	3 5 6 3 0	9 × × 79	+ 3	+ 8	1.1	—	21.3	18
	Chakdara	000 77	0 13 03	99 00 0	910 95	0 0 9 0 0	- - - 98	000 69	4 24 05	98 01 1	81	4 5 6 0 0	2 × × 77	—	—	5 3	—	17.6	—
	Cherat *	000 61	1 13 09	97 01 1	872 01	1 1 × 0 0	4 × × 92	000 80	1 18 07	97 00 0	897 74	0 0 9 0 0	- - - 72	+ 6	+ 8	3.6	- 4 8	25.9	30
	Peshawar	000 69	3 02 07	96 17 1	011 09	2 9 6 3 0	- - - 03	000 74	0 34 07	98 00 0	965 86	0 0 9 0 0	- - - 81	+ 6	+ 4	1.1	- 2.2	3.4	14
	Parachinar	000 61	8 13 03	99 01 1	××× 80	0 0 9 1 0	5 × 7 85	000 62	0 00 00	99 00 1	909 86	0 0 9 0 0	2 × × 70	+ 3	+ 6	7.9	—	25.7	28
	Miranshah	000 79	2 07 05	93 00 0	853 99	3 2 × 7 4	- - - 01	000 69	0 00 00	99 00 0	888 84	0 0 9 0 0	- - 82	—	—	2 9	0 7	10.5	19
	Bannu	000 86	0 13 03	99 00 0	948 05	0 0 9 0 0	- - - 05	000 73	0 09 03	99 00 0	950 89	0 0 9 0 0	- - - 85	—	—	3.2	—	8.1	11
	D. I. Khan	000 79	0 00 00	98 00 0	913 07	0 0 9 0 0	- - - 08	000 79	0 05 02	96 00 0	936 00	0 0 9 0 0	- - - 65	+ 8	+ 4	1 1	- 3.3	2.8	9
	Wana																		11
	Landikotal	000 79	5 12 02	98 29 9	846 94	5 1 6 0 0	- - - 00	000 78	0 05 02	97 00 1	880 82	0 0 9 0 0	- - - 78	—	—	1.0	—	11.6	—
	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 00	99 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 35 09	99 00 0	009 00	— —	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 39	0 00 00	97 98 0	867 00	0 0 9 0 0	- - - 02	000 55	0 00 00	96 05 0	903 80	0 0 9 0 0	- - - 76	+ 5	+ 3	3.1	- 1.1	9.0	21
	Hindubagh	000 63	0 21 13	98 00 0	876 93	0 0 9 0 0	- - - 93	000 52	0 23 02	98 00 0	899 83	0 0 9 0 0	- - - 72	—	—	0.1	—	3.4	—
	Loralai	000 75	0 13 09	96 00 0	843 03	0 0 9 0 0	- - - 96	000 49	0 00 00	96 00 0	904 77	0 0 9 0 0	- - - 68	—	—	1.7	—	8 3	—
	Harnai (a)	000 00	× 09 05	98 01 0	— —	0 0 9 0 5	2 6 0 —	000 ××	0 00 01	96 00 0	— —	0 0 9 0 0	- - - —	—	—	2.0	- 3.8	10 6	14
	Sibi	000 65	0 23 05	98 00 0	923 05	0 0 9 0 0	- - - 06	000 72	0 12 09	98 00 0	960 87	0 0 9 0 0	- - - 85	—	—	2.2	—	3.8	5
	Quetta †	000 36	0 29 07	97 00 0	910 91	0 0 9 0 0	- - - 93	000 42	0 00 00	97 95 0	904 70	0 0 9 0 0	- - - 58	—	—	0.8	- 0.2	9.3	9
	Chaman	000 68	0 27 03	97 00 0	860 96	0 0 9 0 0	- - - 97	000 55	0 18 03	97 00 0	900 76	0 0 9 0 8	- - - 79	0	0	0	- 0 1	9.6	3
	Nushki	000 43	0 21 10	97 00 0	930 01	0 0 9 0 0	- - - 02	000 43	0 31 07	95 05 0	963 78	9 - 0 - -	2 × × 77	—	—	0	—	5 4	—
	Dalbandin *	000 50	0 18 03	96 00 0	931 04	0 0 9 0 0	- - - 05	000 40	0 31 03	96 00 0	902 78	0 0 9 0 0	- - - 71	0	+ 2	0	- 0 8	1.8	4
	Nokkundi	000 47	0 24 24	97 07 1	937 00	0 0 9 0 0	9 × × 02	000 43	0 34 18	99 00 1	984 83	0 0 9 0 0	9 × × 78	—	—	0	—	0.9	3
	Kalat †	000 38	0 32 05	98 00 0	912 86	0 0 9 0 0	- - - 80	000 35	0 18 02	98 00 0	925 64	0 0 9 0 0	- - - 57	+ 1	+ 1	0.7	- 0.4	9.7	7
	Turbat	000 79	0 24 02	97 00 0	904 03	0 0 9 0 0	- - - 04	000 79	0 24 02	98 00 0	991 84	0 0 9 0 0	- - - 81	+ 1	—	0	—	1 4	—
	Panjgur *	000 27	0 26 03	97 00 0	801 98	0 0 9 0 0	- - - 99	000 26	0 18 02	97 00 0	912 75	0 0 9 0 0	- - - 72	+ 1	+ 2	0	—	3.2	4
	Las Bela	000 79	0 16 06	99 00 0	935 96	9 0 9 0 0	- - - 02	000 76	6 00 00	99 00 0	957 ××	6 × 5 0 0	0 0 0 72	—	—	1.6	—	1.7	3
	Ormara																		3
	Pasni	000 76	0 23 16	97 00 0	966 86	0 0 9 0 0	- - - 88	000 75	5 05 05	96 02 1	996 76	5 4 5 0 0	9 × × 75	- 1	0	0 4	- 0 5	4.0	3
	Jiwani																		4
SIND	Jati	000 75	0 18 05	98 00 0	946 02	0 0 9 0 0	- - - 04	000 79	0 18 09	98 00 0	986 82	0 0 9 0 0	- - - 80	—	—	1.7	—	2.2	—
	Jacobabad	000 76	2 13 06	97 02 1	930 02	0 0 9 0 1	- - - 04	000 74	3 13 09	97 03 1	995 89	0 0 9 0 1	- - - 81	+ 1	0	1.3	0.8	1.3	4
	Sukkur	000 75	4 ×× ××	96 08 1	928 03	0 0 9 0 8	- - - 04	000 74	3 ×× ××	96 02 1	966 81	0 0 9 0 3	- - - 79	—	—	0.5	—	1.0	4
	Padidan	000 65	2 13 05	98 01 1	933 04	0 0 9 0 1	- - - 04	000 74	3 13 05	99 01 1	954 83	0 0 9 0 1	- - - 70	—	—	0	—	0.1	—
	Karachi (*Manora*)	000 75	6 28 09	97 02 2	977 84	6 6 4 0 0	- - - 86	000 75	6 25 18	96 02 2	993 81	6 6 4 0 0	- - - 80	+ 1	+ 2	1.5	- 3.0	1 6	8
	Karachi (*A. P.*)	000 72	7 25 14	96 02 2	968 84	7 6 5 0 0	- - - 88	000 75	8 27 14	97 03 1	995 81	8 6 4 - -	- - - 80	—	—	2.9	—	2.8	—
	Badin	000 70	0 ×× ××	97 00 0	979 80	0 0 9 0 0	- - - 92	000 73	0 ×× ××	97 03 1	986 82	0 0 9 0 3	- - - 79	—	—	7.0	+ 1.3	7.0	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 80	3 23 14	97 00 0	971 94	0 0 9 0 3	- - - 96	000 78	3 20 14	97 00 0	984 82	0 0 9 2 0	- - - 73	—	—	2.1	—	2.1	—
	Hyderabad	000 72	0 20 10	97 00 0	961 91	0 0 9 0 0	- - - 97	000 78	0 23 10	96 00 0	973 83	0 0 9 0 0	- - - 80	+ 2	+ 1	1.8	- 3.8	2.0	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul	000 46	1 07 03	98 01 0	964 80	1 3 8 0 0	- - - 91	000 38	0 29 02	98 00 0	951 60	0 0 9 0 0	- - - 55	—	—	0	—	9.6	—
	Jalalabad	000 86	1 05 02	97 01 0	078 02	0 0 8 7 0	- - - 04	000 70	1 00 00	97 01 1	984 81	1 1 8 0 0	- - - 71	—	—	0	—	10.6	—
	Kandahar	000 69	0 23 05	98 00 0	031 66	0 0 9 0 0	- - - 89	000 49	0 00 00	97 00 0	857 65	0 0 9 0 0	- - - 56	—	—	0	—	10.3	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY THE 22ND AUGUST, 1951.

Division	Station	At 1200 Hrs. G.M.T. of previous day. RRR T_dT_d	N dd	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$W_1 D_S D_M T_x T_n$	At 0300 Hrs. G.M.T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP.TT	$N_h C_L hC_M C_H$	$W_1 D_S D_M T_n T_n$	Departures from Normal T_x T_x	T_n T_n	Rainfall Since 1st June gs to date	Departure from normal	Since 1st Jan. st to date	Annual Normal
1	2	8	6	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Masheď	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Muscat	000 61	0 36 02	97 00 0	079 97	8 0 9 0 0	- - - 03	035 71	0 00 00	97 00 0	089 86	8 0 9 0 0	- - - xx	+ 3	—	0	- 0.1	8.2	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	1 05 02	97 01 0	091 09	8 0 9 8 0	- - - 13	000 xx	3 27 05	97 01 1	097 95	0 0 9 4 0	- - - 91	—	—	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	$N_h C_L hC_M C_H$	$D_s v_s$ 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										
Warla	88 169	717 06	8 27 14	97 01 2	079 83	28 4 60	2 4 330	8 6 483	0 00 79	1 28 33
Khoeru	38 188	705 06	8 27 14	98 02 9	074 84	85 6 00	2 8 300	---	0 00 83	1 27 12
Karwara	83 113	753 06	5 00 00	98 02 3	108 83	59 × 30	3 4 191	---	0 03 78	1 15 40
Ismaila	32 130	746 06	6 29 08	97 05 2	001 81	×1 × 26	---	---	---	---
Dara	33 249	689 06	6 28 06	96 08 1	013 83	68 7 ××	1 5 308	---	0 52 77	---
Warla	88 159	724 12	8 30 14	97 16 2	008 82	82 4 70	2 4 300	8 6 583	0 00 81	1 30 33
Subadra	33 133	745 12	8 28 09	98 02 2	129 82	85 6 ××	2 4 310	---	---	---
Jalaprakash	33 102	709 12	8 24 08	98 02 0	072 80	40 × ×7	3 4 503	---	0 01 76	1 27 32
Khoaron	33 184	713 12	8 26 13	98 02 2	047 83	81 6 00	2 5 530	---	0 00 76	1 27 25
Jalrajandra	33 182	678 12	6 28 21	96 16 1	084 78	×× × ××	---	---	---	---
Dara	33 249	647 12	6 23 06	98 01 1	005 82	41 7 ××	2 5 315	---	0 51 76	1 21 ××
Subadra	33 121	749 12	8 11 08	98 14 8	113 77	8× × ××	4 4 303	---	0 00 76	---
Ismaila	33 145	788 12	2 30 08	98 01 8	091 81	---	---	---	---	---
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	996 28	233 60	859 99	999 99	700 09	145 63	509 18	599 97	801 04	769 94	201 15	959 91	555 55	999 00	999 99	998 00	999 99	436 00	675 88	875 97	009 00	494 00	619 91	525 59

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	7	10	15	20	25	30	1	2	3	4	7	10	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	09 10	11 10	12 15	12 10	---	---	---	---	---	---	16 04	21 06	---	---	---	---	08 06	09 07	---	---	---	---	---	---
Dhhor	20 19	21 23	22 19	23 06	---	---	---	---	---	---	---	---	---	---	---	---	21 27	22 26	---	---	---	---	---	---
Chittagong	19 22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gul's Bazar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dacca	19 09	13 07	13 06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dalbandin	---	---	---	20 02	24 05	29 04	15 16	21 55	---	---	---	---	20 07	21 06	20 09	24 05	---	---	25 06	02 08	01 05	06 09	22 19	23 16
Drosr	---	---	---	---	---	---	---	---	---	---	---	---	---	22 07	22 27	---	---	---	---	---	---	22 07	20 19	85 03
Fort Sandeman	---	---	---	23 06	24 06	26 07	26 10	28 12	---	---	---	---	---	17 03	20 00	21 14	---	---	---	24 21	20 05	21 16	22 07	---
Jacobabad	17 08	19 07	19 08	20 02	25 10	26 04	16 04	---	---	---	17 15	20 08	24 08	24 06	24 05	16 04	14 10	21 04	04 04	24 08	20 09	25 04	17 09	23 07
Jhelum	---	---	---	---	---	---	---	---	---	---	18 22	17 18	22 12	23 15	02 05	---	11 09	12 14	12 08	04 07	23 07	24 03	25 19	---
Jiwani	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Karachi	29 19	26 16	---	---	---	---	---	---	---	---	27 20	27 18	26 23	---	---	---	26 19	---	---	---	---	---	---	---
Khanpur	21 18	20 21	20 19	20 10	---	---	---	---	---	---	---	---	---	---	---	---	21 20	21 24	21 15	26 22	23 18	19 06	---	---
Lahore	27 06	24 06	24 07	23 09	22 09	---	---	---	---	---	---	---	---	---	---	---	22 15	25 18	20 19	25 27	21 07	24 05	22 19	25 18
Multar	---	---	---	---	---	---	---	---	---	---	18 19	19 22	22 49	23 55	22 14	---	20 16	21 27	21 21	25 19	24 04	20 04	21 08	---
Peshawar	---	07 06	08 02	20 02	19 10	25 19	28 14	27 18	---	---	---	---	---	---	25 17	28 15	---	25 22	24 15	25 07	21 07	19 04	27 18	25 18
Quetta	---	---	---	---	21 10	24 09	17 08	27 04	19 04	---	---	---	---	---	---	---	---	---	---	---	21 05	21 14	21 14	19 19
Bushire	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sharjar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

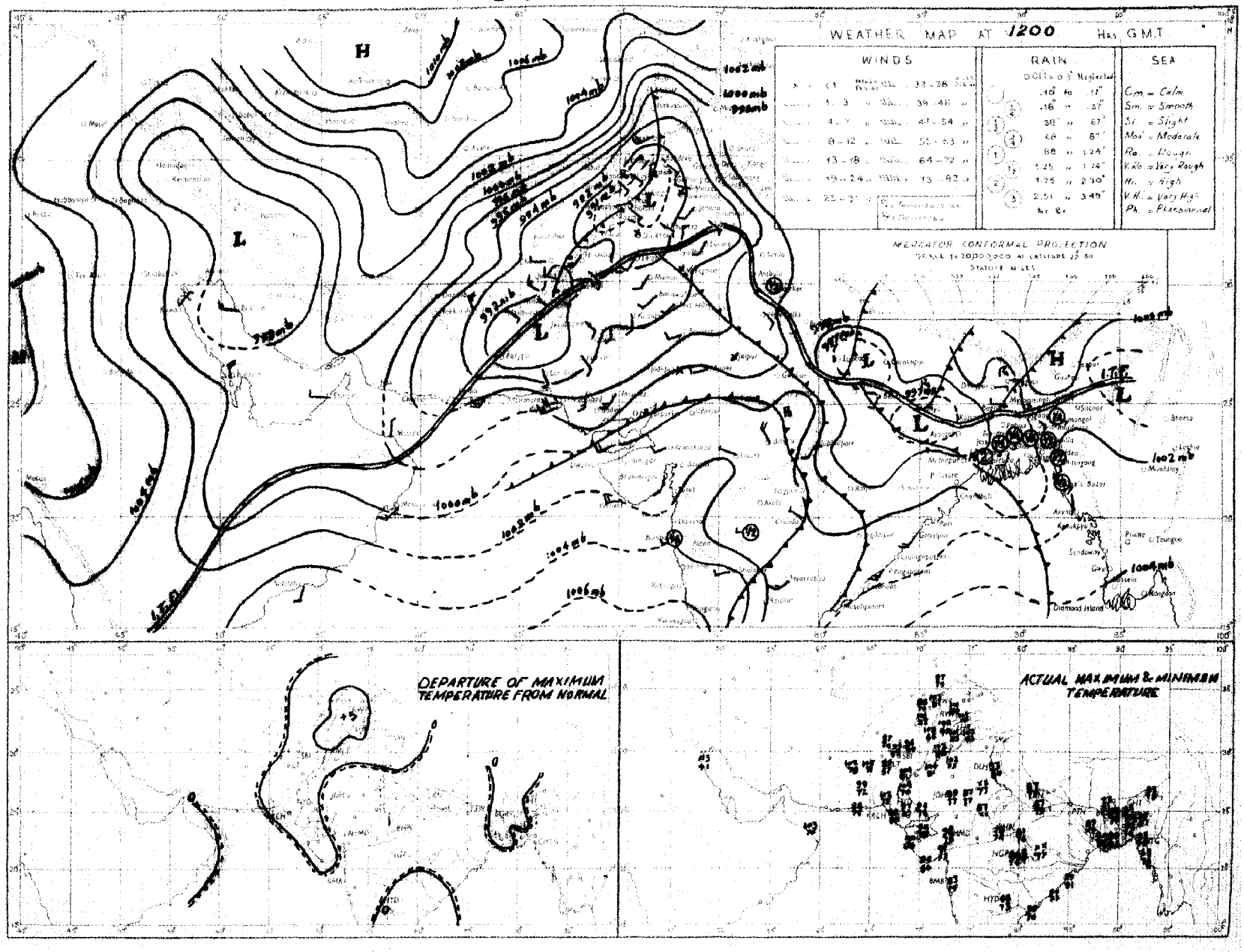
Cloud Observation Data (iiiGG Cddv, v,)

* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual times of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper w nds 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

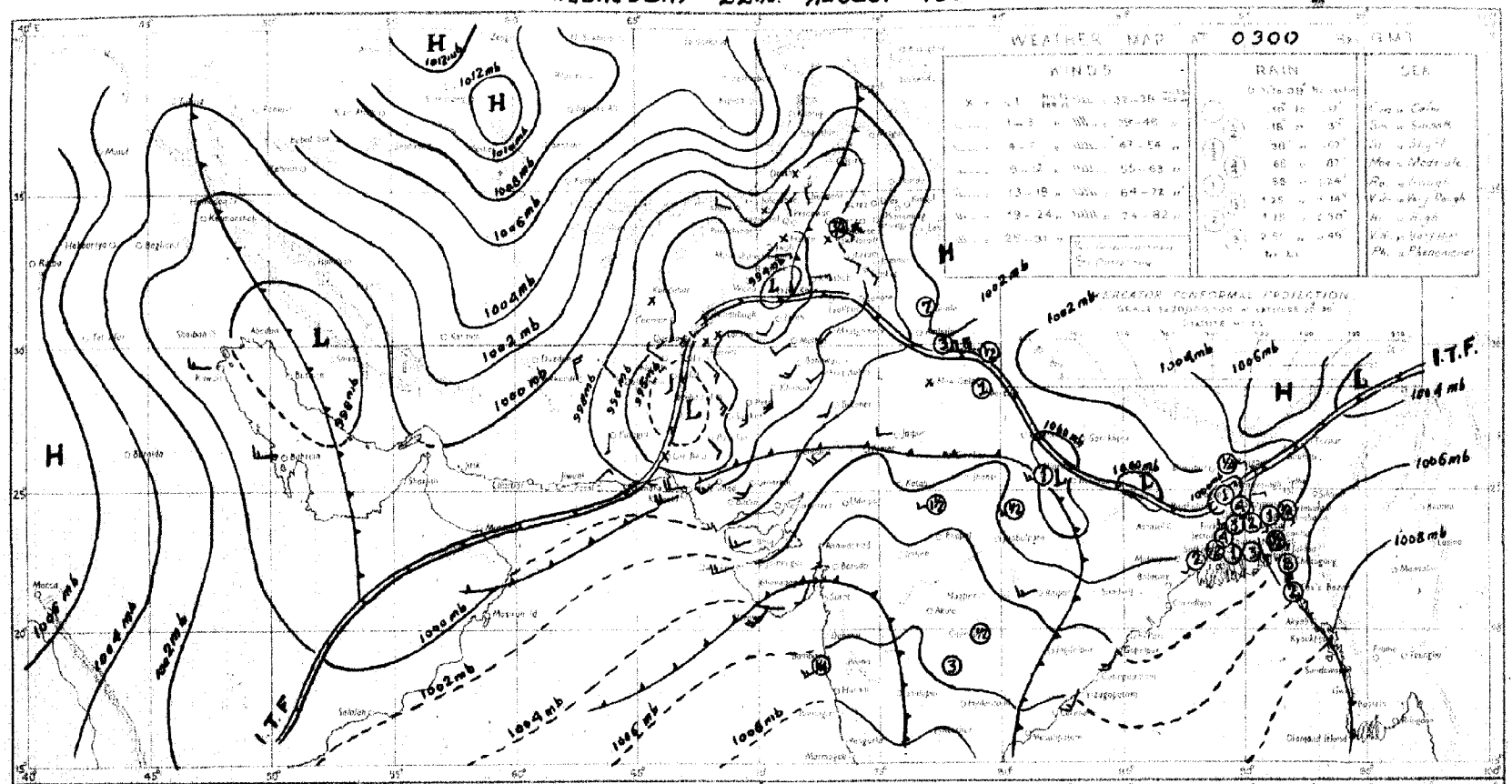
TUESDAY 21st: AUGUST 1951

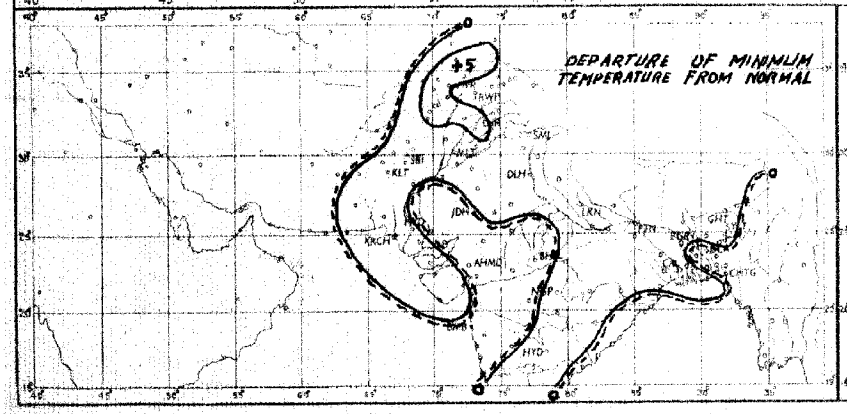


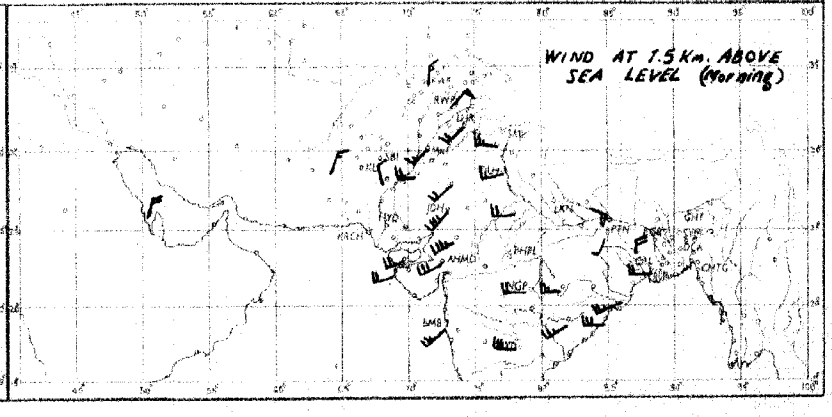
Rainfall amounts indicated on the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 22nd: AUGUST 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-1467

FOR THURSDAY, THE 23RD AUGUST, 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 Kashmir and the adjoining north Punjab.

Monsoon trough lies along the foot of the Himalayas. Monsoon continues to be active in East Pakistan.

Fairly widespread rain has occurred in East Pakistan. Local rain/thundestorms have been reported from the North-West Frontier Province and scatterd from the north Punjab.

Chief amounts of rainfall are :—Chittagong 9", Rangpur 5", Dinajpur 4", Chittagong, Satkhira, Faridpur and Sirajganj 3" each, Narayanganj 2", Cox's Bazar and Brahmanbaria 1½" each, Srimangal, Mymensingh and Khulna ¾" each, Jessore ½", Murree and cherat ¾" each.

Day temperatures were generally appreciably above normal in the plains of north Punjab and northeast Baluchistan and appreciably below normal in the Deltaic subdivisions of East Pakistan.

Forecast valid until the evening of 24th :—Fairly widespread rain will occur in East Pakistan and scattered thunderstorms/showers in Kashmir, the upper North-West Frontier Province and the extreme north Punjab.

Karachi-11.
The 23rd August, 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 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	088 81	8 18 12	93 06 6	014 82	4 6 4 2 0	- - - 85	162 78	8 23 05	95 62 6	083 80	2 6 4 2 0	- - - 77	0	+ 1	72.8	- 15.8	81.0	140
	Chittagong	088 75	8 18 13	95 81 8	034 77	4 7 5 2 0	- - - 81	001 78	8 16 09	95 81 6	069 79	4 7 5 2 0	- - - 75	- 5	- 1	67.8	+ 7.0	97.4	105
	Comilla	195 77	7 13 05	98 01 6	010 81	4 4 7 0 0	4 0 0 83	274 78	8 18 09	98 03 6	033 79	8 5 7 0 0	5 0 0 xx	- 4	—	73 0	+25.9	79 6	118
	Brahmanbaria	155 78	3 18 05	96 01 6	009 81	2 5 4 4 0	8 x 4 82	174 80	8 18 09	97 03 6	040 82	5 7 3 2 -	0 x 0 77	—	—	36.7	- 0.7	45.6	94
	Dacca	xxx 79	8 28 05	98 02 6	000 80	5 7 4 2 -	- - 88	xxx 78	8 20 03	96 02 6	038 83	5 5 4 2 -	- - - 78	—	—		—	—	78
	Narayanganj	130 79	8 16 08	94 03 6	998 80	8 4 5 -	- - - 90	178 79	8 18 09	95 93 6	037 88	8 5 5 -	- - - 77	+ 2	- 2	44.6	+ 9 4	68.4	74
	Mymensingh	000 78	8 00 00	99 02 5	026 84	8 4 7 - -	- - - 88	080 80	8 00 00	98 02 6	037 81	8 8 6 - -	- - - 79	+ 1	+ 1	40.5	- 4 3	59.5	81
	Srimangal	014 75	7 18 02	97 02 6	013 80	5 5 6 0 2	- - - 85	071 79	8 18 07	96 02 0	052 80	8 6 7 - -	- - - 77	- 5	+ 1	46 0	+ 2.9	73.1	98
	Khulna	050 87	8 20 02	96 02 6	010 82	8 6 7 - -	- - 82	290 80	6 27 03	96 02 1	045 83	6 8 7 0 0	- - - 78	- 6	0	32.9	- 4.3	41.5	65
	Satkhira	262 88	8 xx xx	97 03 6	006 80	7 9 6 6 0	- - - 88	262 79	6 xx xx	97 03 2	037 82	4 9 6 6 0	- - - 77	- 5	- 1	28.5	- 10.8	32 1	65
	Jessore	054 70	8 13 02	96 02 6	001 80	8 8 6 0 0	- 88	054 79	7 18 05	96 02 2	036 83	7 8 6 0 0	- - - 77	—	—	23 3	- 8.7	30.4	65
	Faridpur	180 79	8 08 02	95 03 6	006 80	8 7 5 0 0	9 x x 82	316 80	8 20 09	97 02 6	033 83	x 4 6 1 0	- - - 76	- 5	- 3	24 3	- 0.6	41 0	71
	Barisal	016 78	8 20 05	97 50 6	011 80	6 7 5 2 -	- - - 82	016 79	8 18 09	97 03 2	041 83	3 4 6 7 7	- - - 79	- 5	+ 1	31.6	- 11.2	41.8	81
	Pabna																		55
	Rampur Boalia																		58
	Sirajganj	084 78	8 13 03	98 06 5	980 81	8 7 6 - -	- - - 88	287 79	8 23 05	98 02 2	021 82	8 4 6 - -	- - - 77	- 4	- 2	37.1	+ 4.7	47.1	64
	Bogra	000 68	8 23 03	96 03 1	978 80	x x x 4 1	- - - —	008 79	8 23 03	96 03 1	021 82	8 7 5 0 0	- - - 77	—	- 1	28.1	- 7 2	34.0	69
	Dinajpur	000 80	8 00 00	97 02 6	991 81	8 4 7 0 0	- - - 90	526 78	8 00 00	97 81 6	026 79	8 4 7 0 0	- - - 76	+ 1	- 2	32 3	5 8	36.5	72
	Rangpur	030 xx	8 09 06	96 02 6	xxx xx	8 5 8 0 0	- - - xx	361 xx	8 11 02	96 52 8	xxx xx	8 5 8 0 0	- - - xx	—	—	53 6	+ 10.0	62.9	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 70	1 18 02	96 05 3	940 97	0 0 0 0 3	1 0 0 98	000 69	1 20 02	95 05 3	984 86	0 0 9 0 3	2 0 0 82	+ 1	+ 3	5.8	- 1 1	10 0	12
	Lahore	000 74	2 18 03	97 02 1	958 95	1 1 7 0 1	9 9 x 98	000 74	1 25 03	96 01 1	989 86	0 0 9 0 2	9 9 x 83	+ 1	+ 5	9.9	- 1.2	14.6	19
	Sialkot	000 78	4 23 02	97 02 1	961 94	0 0 9 4 0	- - 97	000 79	2 18 02	97 02 1	991 87	0 0 9 0 4	- 83	+ 2	+ 4	12.9	- 5.0	17.9	32
	Jhelum	000 77	2 00 00	96 03 1	965 94	2 1 6 0 0	8 x x 98	000 72	1 13 05	96 01 5	991 80	0 0 9 3 0	2 x 9 76	—	—	12.4	—	21.8	—
	Rawalpindi	000 78	8 00 00	98 50 5	967 91	8 9 4 0 0	4 x x 96	000 75	3 00 00	93 01 1	988 82	5 2 7 0 0	5 x x 72	+ 3	- 3	15.5	- 4 2	24.8	30
	Murree †	000 65	7 27 02	95 02 4	937 69	7 9 3 0 0	8 x x 75	024 55	6 29 09	95 02 9	918 84	6 5 5 0 0	- - - 56	+ 5	0	16.7	11 1	39.1	60
	Attock	xxx xx	4 13 05	97 00 0	— —	4 0 6 2 0	- - - —	xxx xx	0 13 02	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Khushab	000 80	1 20 05	97 08 1	945 62	x x 9 1 x	- - - 04	000 81	0 11 05	97 00 0	979 89	0 0 9 0 0	- - - 85	+ 5	+ 4	1.9	- 6 4	7.8	15
	Montgomery	000 72	1 00 00	96 01 1	960 98	0 0 9 0 0	0 0 x 00	000 74	0 33 03	96 00 0	990 87	0 0 9 0 0	- - - 82	0	+ 1	2.5	- 3.4	6.1	10
	Leiah	000 80	0 18 03	97 00 0	937 99	0 0 9 0 0	- 01	000 80	0 23 03	97 00 0	978 88	0 0 9 0 0	- - - 85	—	—	0.9	—	6.8	8
	Multan	000 75	0 18 05	97 00 0	951 97	0 0 9 0 0	- - - 97	000 75	0 23 05	96 00 0	999 85	0 0 9 0 0	- - - 88	- 1	0	2 5	- 1 7	5 5	4
	Khanpur	000 88	0 18 05	95 05 1	946 00	0 0 9 0 0	- - 00	000 80	0 23 09	95 05 1	986 88	0 0 9 0 0	9 x x 81	- 3	0	1.9	- 2 5	7.5	6
	Bahawalpur	000 72	3 23 02	97 01 1	950 96	3 0 9 0 2	0 0 9 99	000 75	0 20 11	97 00 1	988 84	0 0 9 0 0	- - - 82	- 1	+ 2	1.9	2 0	5.0	6
	Fort Abbas	000 93	0 23 02	96 00 0	988 01	0 0 9 0 0	0 x x 03	000 60	0 23 03	96 00 0	972 86	0 0 9 0 0	- - - 77	—	—	0.9	—	1.8	8
N. W. F. P.	Drosh *	000 49	2 25 14	98 02 1	885 98	- - - - -	3 x x 95	000 57	1 00 00	97 02 9	899 80	1 2 7 9 9	9 x x 76	+ 1	+ 5	1.1	—	21.3	18
	Chakdara	000 72	4 18 09	99 03 1	940 89	4 5 6 0 0	2 x x 96	000 69	0 36 03	98 00 0	958 81	0 0 9 0 0	- - - 76	—	—	5 3	—	17.6	—
	Cherat *	035 65	7 20 04	97 08 9	895 77	0 0 9 2 0	4 x 7 85	035 64	7 23 02	97 02 9	919 78	0 0 9 5 0	3 2 x 86	1	1	4.1	- 4 7	20.2	20
	Peshawar	000 65	4 20 23	96 01 9	947 92	5 9 5 6 0	4 x x 98	000 67	1 00 00	99 01 1	993 85	1 6 4 0 0	- - - 77	+ 1	0	1.1	- 2.8	8.4	14
	Parachinar	004 63	5 13 02	97 02 9	004 81	2 2 7 6 0	5 - x 86	004 62	0 00 00	99 00 1	918 74	0 0 9 0 0	4 x x 67	+ 1	+ 3	8.6	—	25.8	20
	Miranshah	000 69	4 07 05	97 03 1	879 94	4 3 6 5 6	- - - 93	000 71	0 00 00	97 08 2	914 83	6 2 6 6 7	- - 81	—	—	2 9	0 7	10.5	13
	Bannu	000 67	0 31 06	97 05 4	945 89	0 0 9 0 0	- - - 00	000 75	4 05 07	99 03 0	978 87	0 0 9 0 0	- - - 83	—	—	3.2	—	8.1	11
	D. I. Khan	000 71	0 13 03	98 00 0	934 00	0 0 9 0 0	- - - 00	000 79	0 xx xx	96 00 0	965 85	0 0 9 0 0	- - - 82	0	+ 1	1.1	- 3.8	2.8	8
	Wana																		13
	Landikotal	000 80	5 13 05	98 02 9	870 84	5 4 6 0 0	- - - 88	000 71	0 00 00	98 03 1	895 80	0 0 0 0 0	- - - 73	—	—	1.9	—	11.5	—
	Hangu	xxx xx	0 00 09	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
	Thull	xxx xx	x 56 18	98 08 1	— —	x x	- - - —	xxx xx	2 36 09	97 01 1	— —	2 8 7 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 80	0 23 05	97 05 0	889 00	0 0 9 0 0	- - - 01	000 68	0 00 00	95 05 0	904 80	0 0 9 0 0	- - - 73	+ 4	- 1	3.1	- 1.2	9.0	25
	Hindubagh	000 39	0 23 09	98 00 0	879 92	0 0 9 0 0	- - - 97	000 46	0 23 05	98 00 0	916 78	0 0 9 0 0	- - - 67	—	—	0.1	—	3.4	—
	Loralai	000 67	0 00 00	96 00 0	869 93	0 0 9 0 0	- - - 97	000 48	0 00 00	96 00 0	895 78	0 0 9 0 0	- - - 66	—	—	1.7	—	6.2	—
	Harnai (a)	000 00	0 00 01	95 00 0	— —	0 0 9 0 0	- - - —	000 00	0 07 02	95 00 0	— —	0 0 9 0 0	- - - —	—	—	2.0	- 2.9	10.6	14
	Sibi	000 70	0 18 05	98 00 0	927 04	0 0 9 0 0	- - - 04	000 72	0 13 08	99 00 0	976 87	0 0 9 0 0	- - - 86	—	—	2.3	—	3.8	8
	Quetta †	000 80	0 20 05	98 00 0	905 91	0 0 9 0 0	- - - 92	000 36	0 00 00	97 05 0	914 68	0 0 9 0 0	- - - 54	—	—	0.8	- 0.1	9.8	9
	Chaman	000 70	0 31 03	97 00 0	872 94	0 0 9 0 0	- - - 96	000 61	0 13 03	97 00 0	902 91	0 0 9 0 0	- - - 71	- 2	+ 1	0	- 0 1	9.6	8
	Nushki	000 65	0 25 08	97 00 0	932 00	0 0 9 0 0	- - - 01	000 56	0 00 00	96 00 0	976 75	0 0 9 0 0	- - - 76	—	—	0	—	5.4	—
	Dalbandin *	000 59	0 23 03	95 05 0	899 01	0 0 9 0 0	- - - 02	000 44	0 23 02	95 05 0	909 70	0 0 9 0 0	- - - 65	- 3	- 4	0	- 0 3	1.8	4
	Nokkundi	000 76	0 34 06	99 00 0	944 00	0 0 9 0 0	- - - 01	000 60	0 34 13	99 00 0	995 84	0 0 9 0 0	- - - 77	—	—	0	—	0.8	2
	Kalat †	000 37	0 32 05	98 00 0	915 84	0 0 9 0 0	- - - 87	000 38	0 18 05	98 00 0	934 65	0 0 9 0 0	- - - 55	- 1	- 1	0.7	- 0.4	9.7	7
	Turbat	000 79	0 24 05	97 00 0	952 92	0 0 9 0 0	- - - 04	000 77	0 18 02	96 00 0	xxx 84	0 0 9 0 0	- - - 79	—	—	0	—	1.4	—
	Panjgur *	000 20	0 21 02	97 00 0	897 98	0 0 9 0 0	- - - 97	000 16	0 08 02	97 00 0	918 77	0 0 9 0 0	- - - 63	1	- 7	0	—	2.2	[illegible]
	Las Bela	000 85	0 16 06	00 00 0	154 93	0 0 9 0 0	- - - 02	000 76	0 00 00	99 00 0	xxx 82	0 0 9 0 0	- - - 60	—	—	1.6	—	1.7	[illegible]
	Ormara																		[illegible]
	Pasni	000 76	4 22 14	97 01 0	980 88	0 0 9 4 0	0 x 6 80	000 75	0 00 00	96 02 1	019 79	6 5 5 0 0	9 x x 77	0	+ 2	0.4	- 0 5	4.9	[illegible]
	Jiwani																		[illegible]
SIND	Reti	000 73	0 18 08	96 00 0	958 00	0 0 9 0 0	- - - 04	000 73	0 18 11	98 00 0	001 88	0 0 9 0 0	- - - 80	—	—	1.7	—	2.2	—
	Jacobabad	000 76	4 18 09	96 03 1	988 01	0 0 9 0 1	- - - 02	000 74	0 11 07	96 00 0	984 84	0 0 9 0 0	- - - 82	0	+ 1	1.5	- 0.8	1.5	[illegible]
	Sukkur	000 78	4 xx xx	96 03 1	036 02	0 0 9 0 8	- - - 02	000 74	0 16 08	96 00 1	981 81	0 0 9 0 0	- - - 79	—	—	0.5	—	1.0	[illegible]
	Pad Idan	000 73	1 18 05	98 01 1	035 02	0 0 9 0 1	- - - 03	000 71	0 18 05	99 00 1	978 88	0 0 9 0 0	- - - 80	—	—	0	—	0.1	—
	Karachi (Manora)	000 77	6 25 13	98 02 2	986 84	6 6 4 0 0	- - - 86	000 76	5 25 09	98 02 2	014 82	6 6 4 0 0	- - - 81	+ 1	+ 3	1.5	- 2.5	1 6	[illegible]
	Karachi (A. P.)	000 75	6 25 16	96 02 1	036 85	6 6 4 0 0	- - - 88	000 73	6 25 14	96 01 1	015 83	6 6 4 0 0	- - - 81	—	—	2.9	—	3.0	—
	Badin	000 71	6 xx xx	97 03 2	070 88	0 0 9 0 3	- - - 91	000 74	6 xx xx	97 03 2	004 84	0 0 9 0 3	- - - 80	—	—	7.0	+ 1.3	7.0	[illegible]
	Nagarparkar																		
	Chhor (Umarkot)	000 80	4 23 19	97 00 0	969 91	0 0 9 0 x	- - - 96	000 77	4 20 12	97 00 0	996 83	0 0 9 2 2	- - - 80	—	—	3.1	—	3.1	—
	Hyderabad	000 71	0 23 09	97 00 0	045 94	0 0 9 0 0	- - - 97	000 72	0 23 09	96 00 0	990 83	0 0 9 0 0	- - - 80	+ 2	+ 1	1.8	- 3.4	2.0	[illegible]
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul	000 41	0 02 02	98 08 0	945 89	0 0 9 0 1	- - - 01	000 88	0 29 03	98 00 0	055 64	0 0 9 0 8	- - - 56	—	—	0	—	0.3	—
	Jalalabad	000 86	2 02 02	97 02 1	070 00	0 0 9 6 0	2 x 9 84	000 79	2 00 00	96 01 1	037 80	0 0 9 7 0	4 x 9 73	—	—	0	—	10.9	—
	Kandahar							000 67	0 00 00	97 00 0	871 80	0 0 9 0 0	- - - 56	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY THE 23RD AUGUST. 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd	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 $T_d T_d$	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 $T_x T_x$	Departure from Normal $T_n T_n$	Rainfall Since 1st June '51 to date	Rainfall Departure from normal	Rainfall 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Muscat	000 64	1 05 02	97 00 0	075 96	6 6 9 0 1	- - - 02	000 83	0 25 02	96 00 0	997 86	6 6 9 6 0	- - - xx	+ 12	—	0	- 0.2	8.9	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 09 02	97 00 0	070 03	6 6 9 0 0	- - - 02	000 xx	0 24 02	97 00 0	999 93	0 0 9 8 0	- - - 84	—	—	0	—	1.8	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,280-3,256 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,560-6,712 feet according to latitude..
†† Barometer readings reduced to 3 geodynamic Kilometre (10,048.-10, 060 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 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	$N_h C_L h C_M C_H$	$D_s v_s$ 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										
Almirante	43 210	883 00	5 23 15	98 03 1	837 81	44 5 60	—	—	—	—
Almirante	43 213	880 06	3 23 17	98 08 2	869 86	86 5 00	—	—	—	—
Ismaila	43 168	781 06	4 25 10	98 01 2	884 88	xx x 98	—	—	—	—
Kambala	43 017	868 06	4 24 16	99 02 0	120 66	23 x 01	1 5 700	—	0 86 75	1 28 84
Raai	23 188	707 06	8 23 20	97 02 2	074 86	84 7 00	6 8 300	—	0 83 96	1 32 85
Warla	43 180	746 12	5 88 10	98 01 2	888 82	85 8 48	8 4 300	8 3 384	0 01 96	1 28 83
Dara	43 849	671 18	9 23 20	96 02 1	019 83	6x 7 xx	4 4 300	—	0 81 70	1 33 wx
Kampala	43 180	681 18	1 24 17	88 01 1	126 81	11 7 0x	1 5 008	—	0 90 75	1 27 88
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoX₁X₂	P₂P₂h₁h₁h₁	T₁T₁Td₁Td₁Tx₁ etc.	5555	h₂h₂P₂P₂P₂	T₁T₁Td₁Td₁Tx₁ etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi ...	780 14	997 28	261 60	954 73	250 56	700 80	160 34	509 27	519 94	302 02
	12	13	14	15	16	17	18	19	20	21
	739 90	201 14	029 91	555 55	319 90	881 23	418 70	280 82	498 25	280 28
	22	23	24	25	26					
	653 80	250 88	456 90	980 17	865 18					

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	15	20	1	2	3	4	6	8	1	2	3	4	6	8	10	15	20
1	2	3	4	5	6	7	8	9	12	13	14	15	16	17	18	19	20	21	22	23	24	25			
Bogra	21 13	21 13	—	—	—	—	—	—	—	—	18 20	—	—	—	—	—	21 16	—	—	—	—	—	—	—	—
Dhaka	20 19	20 14	22 17	—	—	—	—	—	—	—	—	—	—	—	—	—	21 24	23 55	—	—	—	—	—	—	—
Chittagong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	19 23	—	—	—	—	—	—	—	—	—	21 15	—	—	—	—	—	20 19	—	—	—	—	—	—	—	—
Dalbandin	—	—	25 05	25 05	25 04	25 04	25 13	23 15	—	—	—	—	—	21 05	01 09	05 09	—	—	—	25 05	25 06	25 05	25 10	27 12	27 12
Drosr	—	—	—	—	23 15	19 15	18 10	26 19	26 40	—	—	—	—	—	—	—	—	—	—	—	—	23 07	19 06	20 05	23 13
Fort Sandeman	—	—	—	23 03	20 04	20 14	24 16	27 19	22 23	25 22	—	—	—	03 17	11 07	25 09	—	—	—	24 02	20 07	23 19	21 10	24 23	
Hyderabad	17 07	18 05	20 03	22 09	25 15	24 10	21 07	27 04	30 09	25 07	17 09	17 03	22 08	25 06	24 05	—	17 01	18 02	20 01	22 05	20 06	20 07	21 06	—	—
Jhelum	16 27	14 05	15 06	21 05	25 19	—	—	—	—	—	13 08	15 18	17 11	23 07	—	—	18 14	21 06	27 06	23 10	24 11	24 17	23 25	—	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	24 28	25 25	27 23	—	—	—	—	—	—	—	27 19	27 25	27 24	—	—	—	27 28	27 24	28 26	—	—	—	—	—	—
Khanpur	22 07	20 10	20 11	23 03	07 06	27 01	—	—	—	—	—	—	—	—	—	—	19 18	23 13	23 04	20 05	23 07	21 04	22 05	—	—
Lahore	15 06	19 08	19 07	19 05	24 05	23 10	21 21	20 25	25 14	26 26	—	—	—	—	—	—	24 08	27 11	20 09	20 07	23 06	23 05	23 16	25 20	—
Multan	19 11	19 15	19 18	21 09	23 08	16 04	27 07	24 19	—	—	19 13	20 14	21 19	25 15	23 19	—	23 12	23 23	21 18	20 04	24 01	23 03	—	—	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—	22 04	27 04	18 13	21 15	—	—	—	—	04 06	06 05	06 05	23 07	20 07	23 07
Quetta	—	—	—	—	21 07	17 04	25 13	26 09	26 17	26 21	—	—	—	—	25 10	25 05	—	—	—	—	—	—	—	—	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shariat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

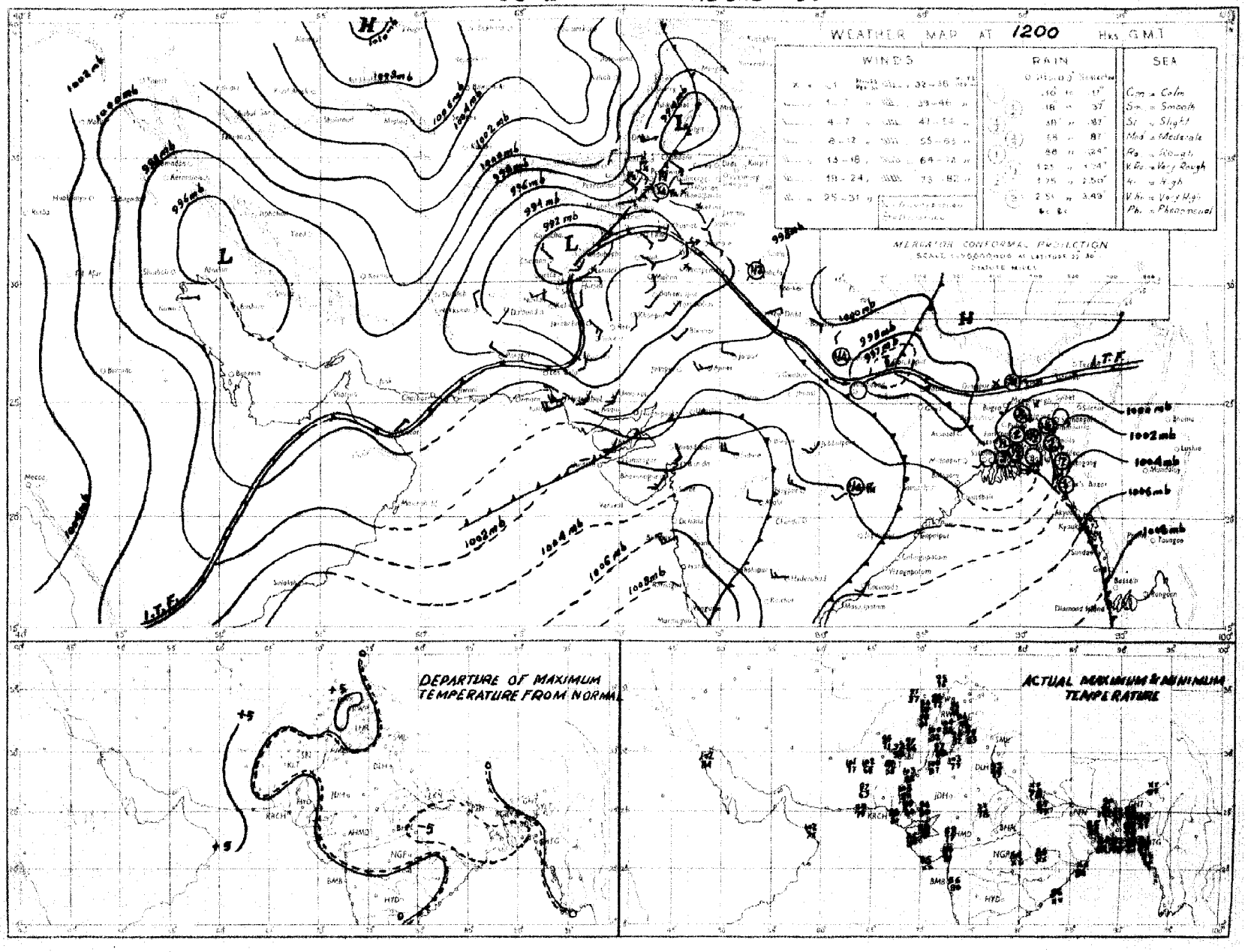
Cloud Observation Data (iiiGG Cddv, v,)

* 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 w inds 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 columns are the nearest equivalent levels in thousands of feet.

S P. W.

PAKISTAN DAILY WEATHER MAP

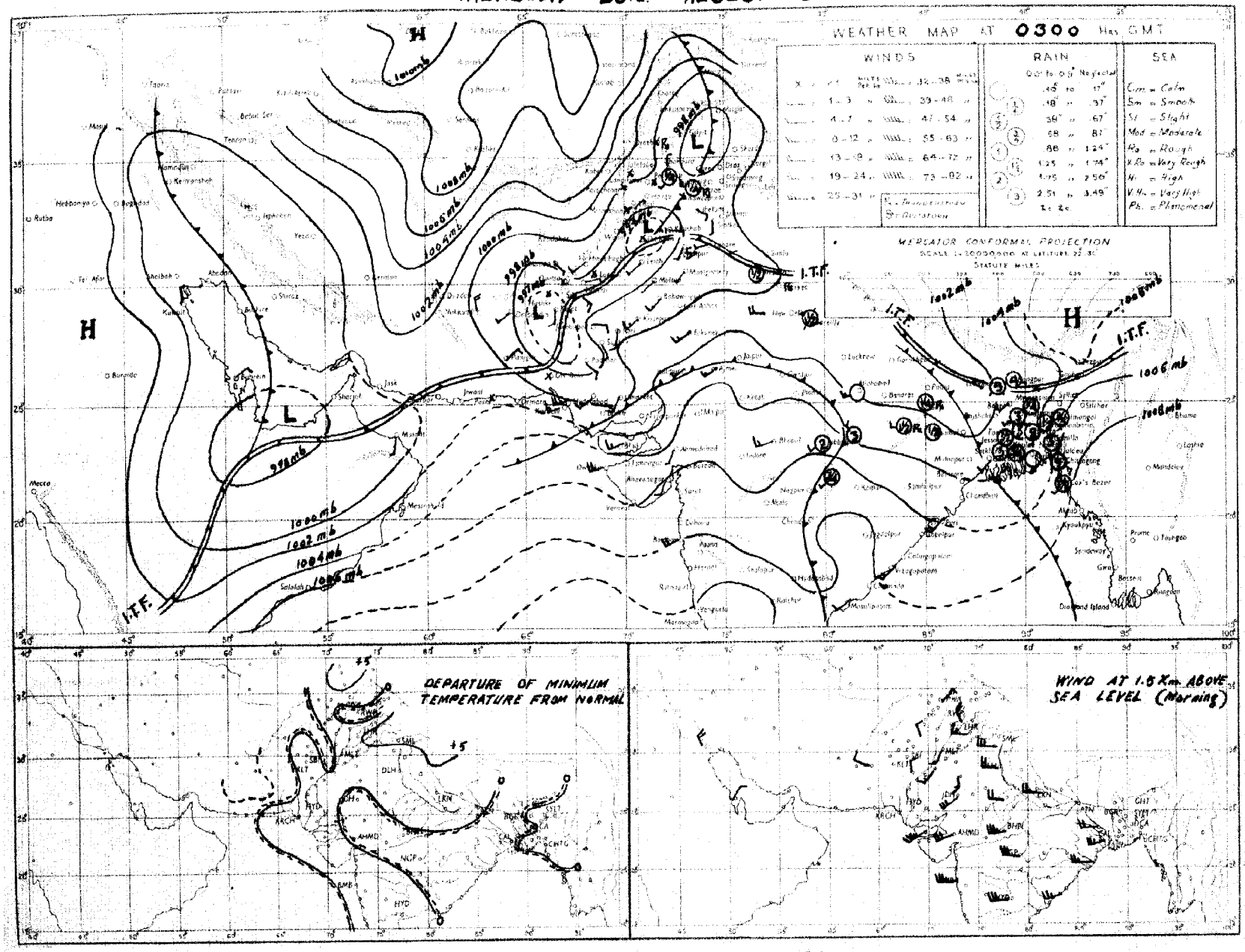
WEDNESDAY 22nd AUGUST 1951



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 23rd: AUGUST 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-1467

FOR FRIDAY, THE 24TH AUGUST, 1951

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

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

Seasonal low extends from the north Punjab to south Iran across north Baluchistan.

Monsoon continues to be active in East Pakistan.

Fairly widespread rain has occurred in East Pakistan and scattered thunderstorms/showers in the extreme north Punjab and the upper North-West Frontier Province.

Chief amounts of rainfall are:—Cox's Bazar and Chittagong 3" each, Bogra and Rangpur 2" each, Narayanganj and Sirajganj 1" each, Dinajpur and Rawalpindi ¾" each, Mymensingh and Brahmanbaria ½" each and Srimangal and Barisal ¼" each.

Day temperatures were appreciably above normal in the north Punjab.

Forecast valid until the evening of 25th:—Fairly widespread rain will occur in East Pakistan and scattered thunderstorms/showers in the upper North-West Frontier Province, Kashmir and the extreme north Punjab.

Karachi-11.
The 24th August, 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	$N_hC_Lh\,C_MC_H$	$W_tD_LD_MT_xT_x$	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	108 80	8 18 09	96 08 6	066 81	4 6 5 3 0	- - - 82	260 79	8 16 03	94 61 6	084 80	2 8 5 2 0	- - - 77	- 2	+ 1	74 9	- 14 0	84.5	140
	Chittagong	055 77	8 16 05	95 81 8	053 78	4 7 5 2 0	- - - 79	260 77	8 18 05	96 81 8	074 78	4 7 5 2 0	- - - 76	7	0	69.9	+ 9.0	10.0	105
	Comilla	000 78	8 18 18	99 03 1	042 84	8 5 7 0 0	- - - 84	012 50	8 18 09	98 03 1	058 84	8 5 7 0 0	0 - - 81	1	+ 5	73 1	+ 24.8	79.7	118
	Brahmanbaria	000 78	8 18 09	96 08 1	028 83	3 5 5 2 8	- - - 86	043 81	7 18 09	97 03 1	050 82	2 1 5 2 -	0 × 4 79			36.1	0.6	46.0	94
	Dacca	××× 78	8 00 00	96 95 6	021 72	4 6 4 2 -	- - - 85	××× 70	8 20 09	96 02 6	046 83	5 6 4 2 -	- - - 76		—	—			78
	Narayanganj	928 79	8 20 08	94 63 6	020 82	8 0 7 2	- - - 88	109 80	8 20 03	95 83 6	047 84	8 5 5 - -	- - - 77	0	2	46.6	+10 0	64.5	74
	Mymensingh	000 78	8 00 00	99 02 2	016 84	8 4 7 - -	- - - 87	050 79	8 09 02	98 02 6	044 88	8 4 7 - -	- - - 69	0	9	41.0	4 4	60.0	91
	Srimangal	022 77	8 13 03	96 03 6	036 78	6 5 5 2 -	- - - 86	022 78	8 16 08	94 60 1	055 82	8 5 6 - -	- - - 78	4	+ 2	46 2	+ 2 6	73 3	98
									6 23 02	96 01 2	082 85								
	Khulna	000 78	8 23 03	96 02 2	025 86	8 7 7 - -	- - - 87	000 79	8 ×× ××	97 02 1	064 84	6 8 7 0 0	- - - 81	1	+ 3	33.9	4.7	41.5	68
	Satkhira	000 77	6 ×× ××	97 03 1	015 85	5 9 6 6 0	- - - 88	008 78	6 23 03	97 02 2	060 85	6 4 5 5 0	- - - 81	0	+ 3	23.5	11 2	32 1	65
	Jessore	004 78	7 16 03	96 02 6	015 85	7 8 6 0 0	4 0 0 90	004 78	8 20 05	97 02 2	049 85	6 8 6 0 0	- - - 80	—	—	25 3	10.0	30.4	65
	Faridpur	011 79	8 18 05	98 02 6	009 83	7 6 6 1 0	7 × × 82	011 79	8 23 03	97 03 2	057 86	7 6 6 1 0	9 × × 81	4	+ 2	34 4	- 0.9	41 1	71
	Barisal	029 78	8 18 03	96 61 1	034 80	6 7 5 2 -	- - - 87	029 80				3 6 5 5 6	- - - 81	0	+ 3	31.9	- 11 4	41.5	81
	Pabna																		62
	Rampur Boalia																		56
	Sirajganj	036 81	8 00 00	98 02 2	000 84	8 4 6 - -	- - - 88	093 79	8 18 03	98 02 2	040 83	8 2 7 - -	- - - 77	+ 1	2	38.0	+ 5 2	48 0	64
	Bogra	160 79	8 27 02	94 65 6	001 80	8 7 4 0 0	- - - 89	180 78	6 23 03	96 01 6	026 81	2 6 6 1 0	- - - 78	+ 1	0	29.9	4 9	36.7	69
	Dinajpur	000 77	8 00 00	97 02 2	079 84	8 4 7 0 0	- - - 86	088 76	8 00 00	96 02 2	038 79	8 4 7 0 0	- - - 78	3	0	58 1	5.4	37.3	72
	Rangpur	025 ××	8 09 02	96 02 6	××× ××	8 5 8 - -	- - - ××	205 ××	8 00 00	96 51 6	— —	8 5 8 0 0	- - - —		—	55.7	+ 11.6	65 0	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 71	2 16 02	96 01 0	952 92	0 0 9 0 2	0 0 3 99	000 72	0 16 02	96 00 0	974 85	0 0 9 0 0	- - - 83	+ 2	+ 4	5.8	1 3	10 0	12
	Lahore	000 75	1 81 08	96 02 1	060 99	1 1 7 0 0	8 × × 00	000 83	0 23 03	96 00 0	953 87	0 0 9 0 0	- - - 83	+ 3	+ 6	9 8	1 5	14 0	19
	Sialkot	000 77	1 00 00	97 02 1	056 94	1 0 8 4 0	- - 99	000 81	0 18 04	97 00 0	978 90	0 0 9 0 0	- - - 85	+ 5	+ 7	12.9	5.8	17.9	32
	Jhelum	000 80	1 00 00	96 02 1	052 97	1 1 7 0 0	- - - 98	000 80	2 00 00	95 05 0	976 68	1 1 7 3 0	- - - 80	—	—	12 4	—	21 8	—
	Rawalpindi	009 78	6 00 00	98 02 2	056 93	6 2 7 0 0	2 × × 97	070 68	6 00 00	90 29 9	974 70	6 9 4 0 0	5 × × 70	+ 4	5	13 6	4 4	24.3	36
	Murree †	000 67	7 00 00	96 02 4	916 72	7 5 2 0 0	8 × × 74	012 60	6 09 02	96 02 9	916 65	6 9 3 0 0	3 × × 51	+ 4	5	16.9	11 3	39.2	62
	Attock	××× ××	6 00 00	97 00 0	— —	6 0 6 2 0	- - - —	××× ××	0 31 05	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—		—
	Khushab	000 80	0 16 05	97 00 0	945 03	0 0 9 0 0	- - - 04	000 78	0 16 05	97 00 0	972 91	0 0 9 0 0	- - - 85	+ 5	+ 4	1.9	6 5	7.8	15
	Montgomery	00? 72	0 00 00	96 00 0	961 93	0 0 9 0 0	- - - 99	000 73	0 13 03	96 00 0	980 86	0 0 9 0 0	- - - 82	1	+ 1	2 5	3.4	6.1	10
	Leiah	000 83	0 23 03	97 00 0	057 00	0 0 9 0 0	- - - 02	000 79	0 00 00	97 00 0	973 83	0 0 9 0 0	- - - 86	—	—	0.9		6.5	5
	Multan	000 72	0 18 05	97 00 0	961 93	0 0 9 0 0	- - - 00	000 72	0 19 05	96 90 0	987 85	0 0 9 0 0	- - - 85	+ 2	3	2 5	1 8	5 5	4
	Khanpur	000 78	0 16 03	95 05 1	955 01	0 0 9 0 0	- - 04							- 1					6
	Bahawalpur	000 74	0 00 00	97 00 0	969 92	0 0 9 0 0	- - 00	000 74	0 23 04	97 00 0	985 83	0 0 9 0 0	- - - 82	0	+ 2	1.9	2.0	5.0	6
	Fort Abbas	000 67	0 22 03	96 00 0	965 94	0 0 9 0 0	- - - 00	000 68	0 23 03	96 00 0	971 84	0 0 9 0 0	0 × × 77		—	0.9		1.8	8
N. W. F. P.	Drosh *	000 49	2 25 09	98 02 1	830 92	2 1 7 0 0	8 × × 96	000 59	0 00 00	98 00 9	905 73	0 0 9 0 0	9 × × 72	+ 2	+ 1	1.1	—	21.8	18
	Chakdara	000 74	0 18 05	99 00 0	943 91	0 0 9 0 0	- - 93	000 67	0 36 05	98 00 0	988 79	0 0 9 0 0	- - - 78		—	5 8	—	17.6	—
	Cherat *	000 70	7 13 10	97 03 1	902 91	7 9 - 0 0	2 × × 86	000 63	2 16 10	97 01 1	914 71	2 1 9 0 0	2 × × 70	0		4.2	4 7	26.2	29
	Peshawar	000 74	4 05 03	98 02 1	944 94	2 9 6 3 3	- 98	000 74	1 02 03	96 12 1	986 84	0 0 9 3 0	- - 80	+ 1	+ 3	1.1	2 2	8.4	14
	Parachinar	000 62	6 13 02	97 02 2	001 81	2 2 7 6 0	5 × 7 85	000 57	0 00 00	99 00 1	917 72	0 0 9 0 0	9 × × 65	0	+ 5	8.0	—	25.8	28
	Miranshah	000 67	× 11 03	98 03 1	881 94	6 2 6 3 3	- - - 95	000 67	0 00 00	98 00 0	893 83	0 0 9 0 0	- - 80			2 9	0 7	10.5	18
	Bannu	000 68	6 13 05	99 03 0	950 01	0 0 9 3 0	- - - 01	000 75	0 00 00	99 00 0	975 86	0 0 9 0 0	- - - 84	—	—	3.2	—	8.1	13
	D. I. Khan	000 79	0 16 02	95 07 0	941 90	0 0 9 0 0	- - 01	000 80	0 00 00	96 00 0	957 88	0 0 9 0 0	- - - 85	+ 1	+ 4	1 1	3.3	2.8	8
	Wana																		13
	Landikotal	000 75	3 13 03	97 02 1	866 89	8 1 6 0 0	- - - 91	000 ××	0 05 03	97 00 1	892 80	0 0 9 0 0	- - - 74		—	1 9	—	11.6	—
	Hangu																		—
	Thall	××× ××	7 15 09	99 04 1	— —	4 8 6 4 1	- - - —	××× ××	0 27 09	98 00 0	××× ××	0 0 0 0 0	- - - ××	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 41	1 23 05	96 05 0	858 98	0 0 9 4 0	- - - 98	000 64	0 00 00	96 05 0	804 78	0 0 9 0 0	- - - 73	+ 1	0	3.1	- 1.2	9.0	11
	Hindubagh	000 52	0 27 18	97 00 0	895 90	0 0 9 0 0	- - - 93	000 52	0 27 05	92 00 0	900 79	0 0 9 0 0	- - - 64			0.1	—	8.4	—
	Loralai	000 58	0 13 05	96 00 0	862 01	0 0 9 3 0	- - - 93	000 47	0 23 05	97 00 0	908 76	0 0 9 0 0	- - - 64			1 7		8 2	
	Harnai (a)	000 ××	0 09 05	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 09 02	96 00 0	××× ××	0 0 9 0 0	- - - —			2.0	4.0	10 6	14
	Sibi	000 65	0 23 05	96 00 0	943 05	0 0 9 0 0	- - - 06	000 69	0 18 09	99 00 0	975 88	0 0 9 0 0	- - - 85	—		2.2	—	3.8	5
	Quetta †	000 40	0 29 07	98 00 0	914 39	0 0 9 0 0	- - - 91	000 45	0 00 00	97 05 0	916 66	0 0 9 0 0	- - - 50	—		0.8	0.2	9.3	9
	Chaman	000 73	0 23 08	97 00 0	865 93	0 0 9 0 0	- - - 99	000 59	0 13 02	97 00 0	909 81	0 0 9 0 0	- - - 63	+ 2	2	9 0	0 1	9.6	8
	Nushki	000 73	0 31 09	98 00 0	948 00	0 0 9 0 0	- - - 01	000 56	0 09 05	97 00 0	969 85	0 0 9 0 0	- - - 75		—	0	—	5 4	—
	Dalbandin *	000 67	0 18 05	95 05 0	898 01	0 0 9 0 0	- - - 03	000 37	0 27 02	96 00 0	915 71	0 0 9 0 0	- - - 64	2	5	0	0 3	1.8	4
	Nokkundi	000 82	0 34 05	99 00 0	958 01	0 0 9 0 0	- - - 02	000 45	0 34 09	99 00 0	998 84	0 0 9 0 0	- - - 74	—	—	0		0.0	3
	Kalat †	000 39	0 12 05	98 00 0	926 83	0 0 9 0 0	- - - 85	000 40	0 18 02	98 00 0	937 63	0 0 9 0 0	- - - 52	3	4	0.7	0.4	9.7	7
	Turbat	000 82	0 20 03	97 00 0	973 99	0 0 9 0 0	- - - 00	000 76	8 20 02	95 02 2	047 82	8 0 6 2 0	9 0 × 79	—	—	0	—	1.4	—
	Panjgur *	000 20	0 31 08	97 00 0	909 98	0 0 9 0 0	- - - 98	000 48	0 05 02	97 00 0	918 74	0 0 9 0 0	- - - 63	6	—	0	—	3.2	3
	Las Bela	000 79	0 16 06	99 00 0	976 92	0 0 9 0 0	- - - 02	000 76	0 00 00	99 00 0	010 82	0 0 9 0 0	- - - 72		—	0	—	1.7	3
	Ormara																		5
	Pasni	000 73	0 23 14	97 00 0	001 85	0 0 9 0 0	0 - - 68	000 73	6 13 05	96 02 1	030 80	6 5 5 0 0	9 × × 78	1	+ 3	0 4	0.5	4.9	6
	Jiwani																		4
SIND	Keti	000 71	0 18 05	98 00 0	976 03	0 0 9 0 0	- - - 04	000 72	0 18 10	98 00 0	997 82	0 0 9 0 0	- - - 81	—		1.7	—	2.3	—
	Jacobabad	000 72	0 13 07	96 00 0	956 02	0 0 9 0 0	- - - 02	000 89	0 13 05	96 00 0	983 83	0 0 9 0 0	- - - 81	1	0	1.3	0 3	1.8	4
	Sukkur	000 74	0 ×× ××	96 00 0	954 04	0 0 9 0 0	- - 04	000 73	0 ×× ××	96 00 0	981 80	0 0 9 0 0	- - - 79			0.5	—	1.0	4
	Pad Idan	000 88	0 13 05	98 00 0	956 05	0 0 9 0 0	- - 06	000 72	0 13 05	98 00 0	980 82	0 0 9 0 0	- - - 78	—		0	—	0.1	
	Karachi (Manora)	000 75	5 26 13	96 02 2	004 84	5 6 4 0 0	- - - 87	000 75	4 27 09	96 01 1	020 83	4 6 4 0 0	- - - 81	+ 2	+ 3	1 5	- 3.9	1 6	5
	Karachi (A. P.)	000 75	4 25 12	97 02 1	006 85	6 5 4 0 0	- - - 88	000 73	5 27 14	96 01 1	027 83	5 6 4 0 0	- - - 81		—	2.9		3.0	
	Badin	000 73	0 ×× ××	97 00 1	998 90	0 0 9 0 0	- - - 94	000 73	0 ×× ××	97 00 0	014 83	0 0 9 0 0	- - - 80	—	—	7.0	+ 1.3	7.0	3
	Nagarparkar																		
	Chhor (Umarkot)	000 80	0 20 14	97 05 0	930 95	0 0 9 0 0	- - - 98	000 76	8 23 17	97 00 0	004 85	0 0 9 0 2	- - - 80		—	2.1	—	2.1	—
	Hyderabad	000 71	0 23 09	97 00 0	079 93	0 0 9 0 0	- - - 00	000 71	0 23 10	96 00 0	000 88	0 0 9 0 0	- - - 79	+ 5	0	1.8	- 3 4	2.0	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul	000 87	0 02 02	98 00 0	940 91	0 0 9 0 0	- - 92							—					—
	Jalalabad	000 72	2 00 02	96 01 1	960 99	0 0 9 7 0	8 × 9 89	000 79	1 00 00	96 01 1	984 85	0 0 9 7 0	8 × × 80	—	—	0	—	10.5	—
	Kandahar	000 62	0 00 00	98 00 0	940 97	0 0 9 0 0	- - - 98												—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY THE 24TH AUGUST. 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VV ww W	PPPTT	N_h C_L hC_MC_H	$W_1D_sD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_hC_LhO_MC_H$	$W_1D_sD_MT_nT_n$	Departure from Normal T_xT_x	T_nT_n	Rainfall: Since 1st June 52 to date	Departure from normal	Since 1st Jan. 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
	Mashee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Muscat	000 81	1 05 02	97 01 0	992 88	0 0 9 0 1	- - - 91	000 83	5 36 02	96 10 1	005 87	0 0 9 1 0	- - - 82	+ 1	- 1	0	- 0.1	3.5	4
	Sharjah	000 xx	0 11 05	97 00 0	978 05	0 3 9 0 0	- - - 05	000 xx	0 22 07	97 00 0	014 93	0 0 9 0 0	- - - 91	—	—	0	—	1.5	4
	Kuwait																		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 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	N_h C_L hC_MC_H	D_s v_s app	S N_s Ch_sh_s	O $T_sT_sT_dT_d$	$id_wd_wP_wH_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalarashmi	53 204	707 06	8 22 18	97 02 2	040 83	82 8 00	7 3 305	8 8 840	0 03 76	1 23 23
Almirante	53 235	672 06	8 24 16	98 01 1	050 84	45 7 10	—	—	—	—
Mohamsendi	53 168	814 06	8 23 13	97 02 0	115 80	62 6 89	—	—	—	—
Jaladuta	53 092	658 06	7 23 05	96 03 1	130 89	79 x x9	8 2 308	—	0 02 78	1 21 x1
Alavi	53 176	676 06	8 23 24	97 02 2	100 82	84 7 00	6 2 105	—	0 01 80	1 22 24
Kampala	53 154	699 06	8 24 17	98 02 0	115 82	83 6 xx	1 5 106	—	0 01 75	1 27 24
Dara	53 202	710 18	8 23 20	97 25 8	078 82	7x x xx	3 4 220	—	0 00 78	1 23 xx
Wieconsin	53 708	709 12	8 23 05	96 03 x	065 84	82 5 31	8 5 909	—	0 01 xx	1 11 11
Wisconsan	53 804	724 18	1 04 05	98 01 1	120 82	01 1 11	8 5 220	—	0 00 xx	1 00 10
Jalarashmi	53 209	702 12	8 25 13	97 02 2	090 85	82 6 5x	7 3 610	8 8 484	0 02 76	1 27 28
Allahahad	53 173	672 12	8 24 24	97 01 2	079 83	24 7 60	6 2 806	—	0 03 77	1 28 39
Kampala	53 166	703 12	8 24 17	98 02 2	092 82	78 7 09	1 5 610	—	0 07 76	1 27 25
Kampala	53 178	718 18	x 25 18	98 03 2	103 83	78 6 7x	1 5 102	—	0 01 76	1 27 26
British Colonel	53 236	675 18	4 23 27	98 01 2	050 80	45 5 00	3 3 800	—	0 53 76	1 23 x4
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoXiX2	PiPihihthi	TiTiTdiTdiTxi etc.	5555	hihiPiPiPi	TiTiTdiTdiTxi etc.
1	2	3	4	5	6	7	8	9	10
Karachi	789 14	998 28	242 60	854 74	290 42	700 32	175 35	509 45	509 91	302 29	739 97	555 55	259 20	241 92	319 00	251 92	658 00	25 020	528 87	290 34	466 00	105 81	880 52	009 90	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 ††										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	10	15	20	25	30	1	2	3	4	5	6	10	15	20	25	30	35	40
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	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23 20	23 26	24 23	23 23	23 19	24 19	24 17	—
Dhor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25 25	24 22	—	—	—	—	—	—
Chittagong	18 31	20 21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	—	20 24	21 23	22 26	23 28	—	—	19 19	20 21	—	—	—	—	—	—
Dacca	—	—	—	—	—	—	—	—	—	—	—	21 25	23 25	23 31	—	—	—	21 21	23 21	—	—	—	—	—	—
Dalbandin	—	—	26 01	25 11	24 10	23 20	—	—	—	—	—	—	—	26 10	23 15	21 26	21 29	—	—	27 04	30 13	32 15	29 14	—	—
Drosz	—	—	—	—	25 10	23 05	08 02	27 07	29 26	—	—	—	—	—	17 14	19 05	20 03	—	—	—	—	19 01	18 03	—	07 03
Fort Sandeman	—	—	—	14 01	18 05	14 06	23 14	—	—	—	—	—	—	—	23 10	20 15	23 14	—	—	—	25 02	26 04	20 13	21 8	23 12
Jacobabac	15 03	11 02	30 01	25 08	02 06	23 11	23 16	29 09	01 04	29 17	—	17 11	19 07	21 07	26 07	27 10	25 04	17 06	07 04	25 05	23 11	24 11	22 07	23 10	—
Jhelum	15 03	18 03	19 04	21 06	21 07	20 11	21 16	29 29	—	—	—	16 08	10 06	18 06	12 09	20 09	24 17	08 02	17 06	17 06	25 08	23 08	20 10	—	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	25 20	20 19	28 19	—	—	—	—	—	—	—	—	26 14	27 23	—	—	—	—	27 24	27 24	27 24	—	—	—	—	—
Khanpur	20 05	17 07	15 06	03 05	05 04	06 04	07 12	24 06	29 17	26 11	—	19 18	20 16	21 15	22 11	20 09	—	22 19	23 15	25 14	28 08	—	—	—	—
Lahore	22 02	20 08	24 03	24 06	25 03	31 09	—	—	—	—	—	25 10	23 14	24 10	26 03	01 05	25 13	22 16	27 15	27 10	29 04	06 06	23 06	23 04	23 04
Multan	19 15	19 12	19 10	18 05	20 04	24 02	—	—	—	—	—	19 13	20 19	27 13	25 15	25 07	25 06	18 17	21 23	23 16	11 04	04 08	24 09	20 13	—
Peshawar	—	—	—	—	27 12	23 08	23 21	—	—	—	—	—	23 05	22 03	19 08	22 05	24 06	—	23 23	23 05	20 03	27 03	27 02	24 12	28 14
Quetta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21 06	22 18	—	—	—	—	27 04	29 06	26 16	25 24
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shahrak	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

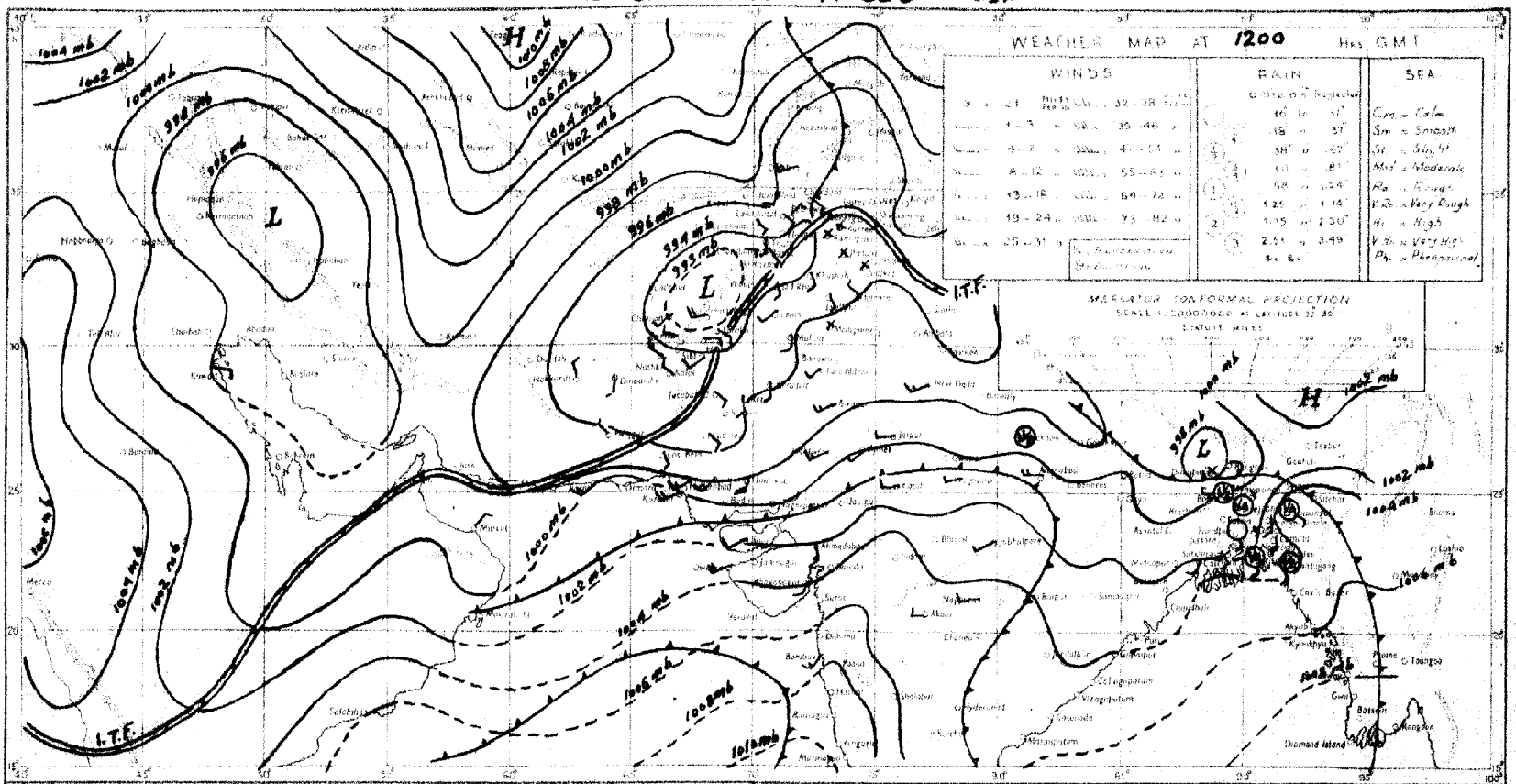
Cloud Observation Data (iiiGG Cddv, v_s)

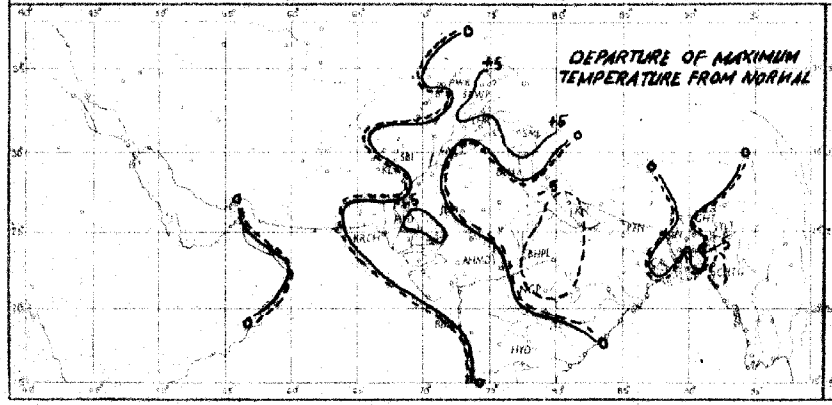
* Wind directions are expressed in tens of degrees counting from North through East and speed is knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.0, 1.2, 1.4, 1.6, 1.8, 2.0, 2.2, 2.4, 2.6, 2.8, 3.0, 3.2, 3.4, 3.6, 3.8, 4.0, 4.2, 4.4, 4.6, 4.8, 5.0, 5.2, 5.4, 5.6, 5.8, 6.0, 6.2, 6.4, 6.6, 6.8, 7.0, 7.2, 7.4, 7.6, 7.8, 8.0, 8.2, 8.4, 8.6, 8.8, 9.0, 9.2, 9.4, 9.6, 9.8 and 10.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

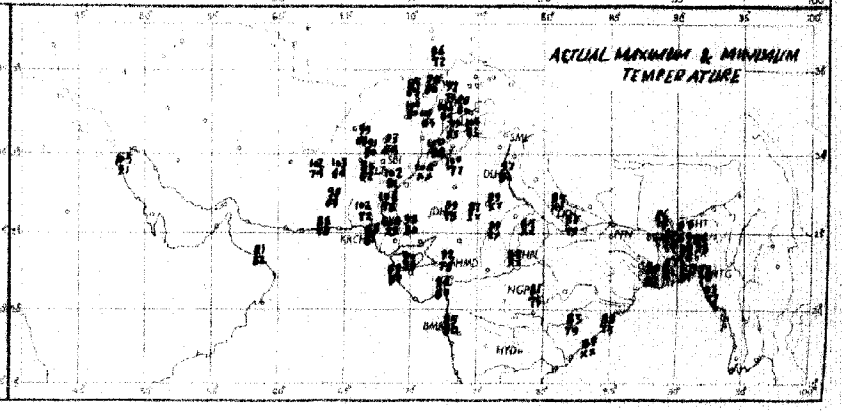
N. P. W.

PAKISTAN DAILY WEATHER MAP

THURSDAY 23rd AUGUST 1951.



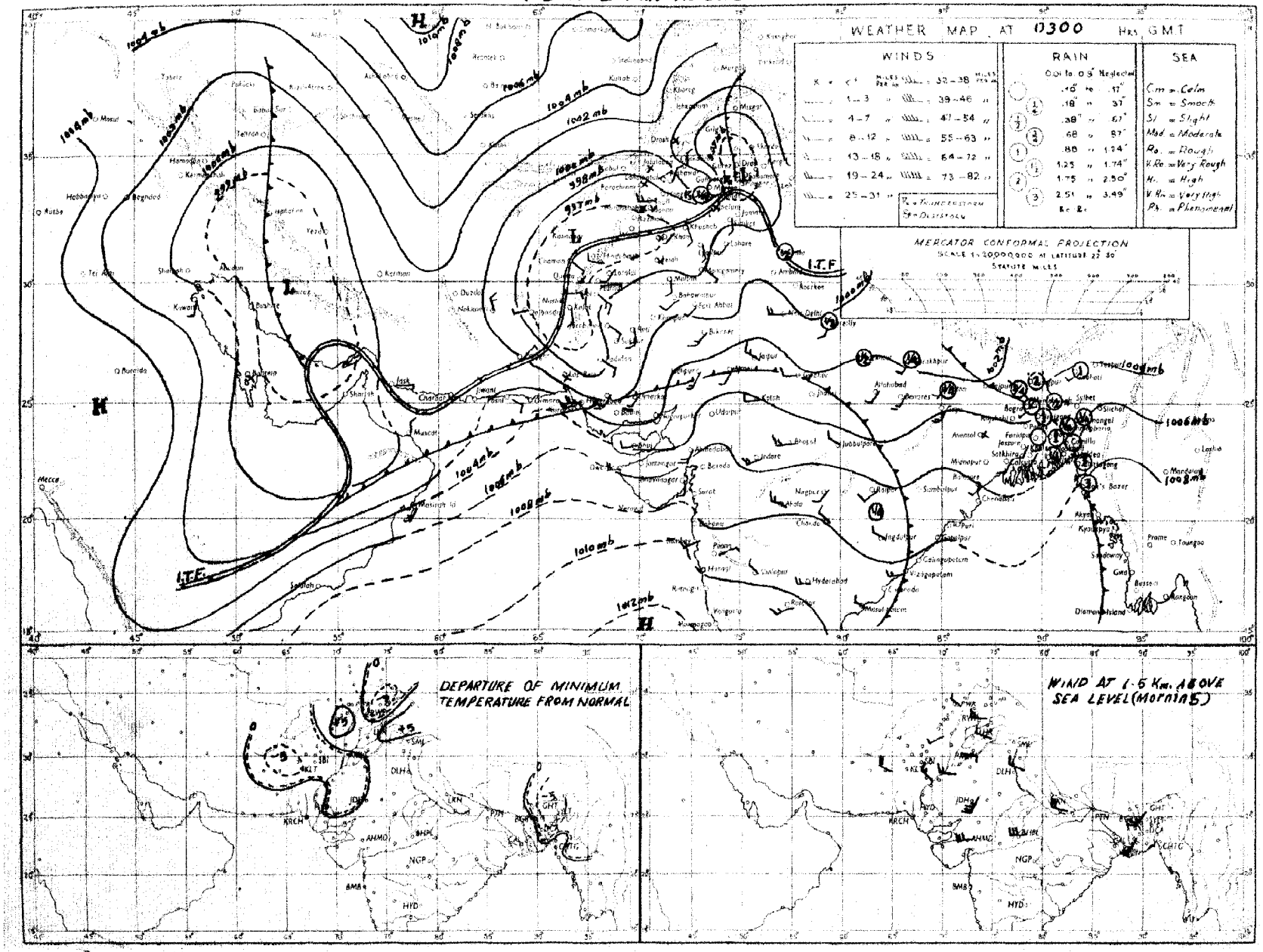




Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

FRIDAY 24th: AUGUST 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-1467

FOR SATURDAY, THE 25TH AUGUST, 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 Kashmir, the upper North-West Frontier Province and the adjoining north Punjab.

Seasonal low extends from Baluchistan to south Iran.

Monsoon continues to be active in East Pakistan.

Fairly widespread rain has occurred in East Pakistan. Fairly widespread thunderstorms/showers have occurred in the North-West Frontier Province and the extreme north Punjab. Local duststorms have also been reported from the north Punjab.

Chief amounts of rainfall are:—Cox's Bazar, Chittagong, Comilla and Murree 1½" each, Jhelum 1", Srimangal, Cherat and Sialkot ¾" each, Brahmanbaria, Sirajganj, Dinajpur, Rangpur and Chakdara ½" each, and Mymensingh, Rawalpindi and Landikotal ¼" each.

Day temperatures were appreciably to markedly below normal in northeast Baluchistan and northern districts of East Pakistan and appreciably above normal in the plains north Punjab.

Forecast valid until the evening of 26th:—Rain will be fairly widespread in the Eastern and the Northern sub-divisions and local in the Deltaic sub-divsion of East Pakistan. Fairly widespread rain/thundershowers will occur in the north Punjab, the North-West Frontier Province and Kashmir.

Karachi-11.
The 25th August, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division (1)	Station (2)	At 1200 Hrs. G. M. T of previous day: RRRTdTd (3)	N dd ff (4)	VVwwW (5)	PPPTT (6)	NhClhCMCH (7)	WtDsDMTzTx (8)	At 0300 Hrs. G. M. T. of date: RRRTdTd (9)	N dd ff (10)	VVwwW (11)	PPPTT (12)	NhClhCMCH (13)	WtDsDMTnTn (14)	Departure from normal: TxTx (15)	TnTn (16)	Rainfall: Since 1st June 51 to date (17)	Departure from normal (18)	Since 1st Jan 51 to date (19)	Annual normal (20)
EAST PAKISTAN	Cox's Bazar	027 77	8 18 07	93 08 8	026 88	4 8 5 3 0	- - - 88	127 81	8 15 03	95 63 6	084 84	4 6 6 2 0	- - - ××	+ 3	—	75.2	- 14.5	84 8	140
	Chittagong	010 79	6 18 13	95 21 6	047 82	8 8 5 0 0	- - - 85	125 79	7 16 05	99 03 6	074 82	7 8 6 0 0	- - - 77	1	+ 1	70.5	+ 9.0	100 7	105
	Comilla	040 79	8 00 00	98 03 8	031 85	8 5 7 0 0	2 0 0 85	166 78	7 18 05	98 03 8	069 81	7 4 7 0 0	1 0 0 78	2	+ 2	71 8	+ 25.9	81 4	118
	Brahmanbaria	030 73	8 16 05	97 08 1	028 82	8 5 2 6 0	0 8 4 80	068 80	7 20 09	97 03 1	053 84	7 5 4 0 0	- - 80	—		36 8	0.2	46.7	94
	Dacca	××× 79	7 23 02	97 02 6	021 84	3 8 6 2	- - 87												78
	Narayanganj	030 79	8 18 02	95 03 2	022 86	0 0 9 0 7	- - - 90							+ 2					74
	Mymensingh	000 79	8 00 00	99 02 2	022 85	8 4 7 -	- - - 88	020 78	8 09 02	99 02 8	047 84	8 4 7	- - - 79	· 1	+ 1	41 2	- 4 8	60.2	91
	Srimangal	018 77	7 18 03	97 02 6	032 82	6 8 7 0 8	- - - 86	072 78	8 18 03	94 25 8	059 79	6 5 6 2	- - - 78	- 4	+ 2	46 9	+ 2 8	74 0	98
	Khulna	000 77	4 20 02	97 01 1	085 86	4 0 7 2 0	- - - 91	000 79	4 23 02	97 01 1	061 86	4 0 8 1 0	- - - 80	+ 3	+ 2	22 9	5 2	41 5	65
	Satkhira	000 77	8 ×× ××	97 03 2	032 86	× × × × ×	- - - 89	000 73	6 ×× ××	97 03 1	056 ××	4 4 7 6 0	- - - 60	+ 1	+ 2	23 5	11 6	32 1	65
	Jessore	000 77	4 18 03	96 02 2	024 87	4 8 6 0 0	- - - 91	007 78	4 23 05	96 01 1	054 87	0 0 9 5 0	0 × 6 ××	—	—	23 3	10 2	30 4	65
	Faridpur	005 79	8 18 05	96 02 6	026 86	6 4 6 1 0	5 × × 86	012 79	8 18 00	79 01 6	041 85	5 4 6 1 0	- - - 80	1	+ 1	34 5	10 1	41 2	71
	Barisal	005 80	8 18 03	97 01 6	029 86	2 4 6 2 8	- - - 89							+ 2					81
	Pabna																		59
	Rampur Boalia																		54
	Sirajganj	220 78	8 00 00	97 64 8	010 79	8 7 5 - -	- - - 89	247 73	8 18 03	99 02 2	040 85	8 2 7 - -	- - - 77	+ 2	2	28.5	+ 5 3	48 5	64
	Bogra	000 80	8 27 02	96 02 9	017 81	8 6 6 0 0	- - - 84	000 78	4 23 03	96 01 1	038 82	0 0 9 1 0	- - - 80	- 4	+ 2	29.9	6 4	36.7	69
	Dinajpur	048 79	8 18 02	96 03 6	020 80	8 7 7 0 0	9 0 0 81	048 79	8 00 00	97 02 2	038 82	8 4 7 0 0	- - - 78	- 8	0	38 6	5 3	37.8	72
	Rangpur	020 ××	8 00 00	96 02 6	--- —	8 5 8 0 0	8 0 0 —	055 ××	8 00 00	96 02 6	—— —	8 5 8 0 0	8 0 0 —		—	56 2	+ 11.7	65.5	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 70	0 20 02	95 05 3	950 93	0 0 9 0 0	8 × × 00	000 67	6 16 02	98 02 2	017 79	× × × × ×	- - - 77	+ 8	- 2	6.8	1 4	10 0	22
	Lahore	000 74	1 16 05	96 02 1	957 98	0 0 9 4 0	4 × 9 01	000 73	7 05 02	96 02 1	011 81	3 4 7 4 0	9 × 9 75	+ 4	- 3	9 9	1.6	14 0	19
	Sialkot	000 73	1 05 02	98 08 1	946 94	0 0 9 0 4	96	027 78	7 31 02	97 02 1	029 77	4 3 6 4 0	- 72	+ 8	- 6	18 8	- 4.7	18.7	32
	Jhelum	000 72	8 00 00	96 08 8	059 94	0 0 9 0 2	8 9 × 98	119 71	8 27 02	96 25 9	089 73	8 7 8 - -	9 × × 72	—	—	18 6	—	23 0	—
	Rawalpindi	000 73	7 09 02	98 29 9	952 89	7 9 5 0 0	4 × × 94	022 70	6 00 00	99 29 9	032 99	6 5 6 0 0	4 × × 70	+ 1	- 5	18 7	4 5	24.5	36
	Murree †	000 64	6 29 02	96 02 4	915 78	6 9 4 0 0	6 × × 76	141 60	8 11 07	97 03 9	927 59	8 5 5	9 × × 64	+ 6	2	18.3	10 2	40.6	59
	Attock	××× ·×	8 36 09	95 07 0	—	8 0 3 2 0	—	××× ××	8 00 00	97 00 5	806 ××	2 9 1 0 9	—	—	—	—	—	—	—
	Khushab	000 83	2 20 05	96 03 1	935 03	2 4 8 × ×	- - - 05	000 74	6 11 05	98 01 1	010 77	6 1 6 0 0	- - - 75	+ 6	- 6	1.9	6 7	7.5	15
	Montgomery	000 72	0 28 02	96 00 0	960 98	0 0 9 0 0	- - 00	000 71	0 13 05	96 00 0	007 84	0 0 9 0 0	- - - 80	0	- 1	2 5	3 5	6.1	10
	Leiah	000 64	0 23 03	97 00 0	964 00	0 0 9 0 0	- - 04	000 77	0 05 05	97 00 0	000 85	0 0 9 0 0	- - - 88	—	—	0.9	—	6 6	5
	Multan	000 69	0 18 05	97 00 0	951 99	0 0 9 0 0	- - - 00	000 78	0 18 05	96 00 0	995 88	0 0 9 0 0	- - - 81	+ 2	1	2 5	1 8	5 5	4
	Khanpur	000 71	0 03 05	95 05 0	945 04	0 0 9 0 0	- - 05	000 73	× 18 10	94 04 0	003 81	0 0 9 0 0	- - 78	+ 2	- 8	0.8	4.1	1.9	5
	Bahawalpur	000 76	0 28 02	97 00 0	958 01	0 0 9 0 0	- - 02	000 75	0 20 06	97 00 0	002 82	0 0 9 0 0	- - - 80	+ 2	0	1.9	2 1	5.0	6
	Fort Abbas	000 67	0 23 03	96 00 0	965 98	0 0 9 0 0	0 × × 01	000 69	0 23 03	96 00 0	××× 88	0 0 9 0 0	- - - 76		—	0.9		1.8	8
N. W. F. P.	Drosh *	000 46	2 25 10	93 01 1	860 54	1 1 7 6 0	2 × 9 93	000 53	0 00 00	98 00 1	914 71	0 0 9 8 0	9 × × 69	—	- 2	1.1	—	21.2	19
	Chakdara	057 67	8 27 07	99 61 6	003 71	8 5 6 0 0	2 × × 93	057 76	0 00 00	92 00 0	015 77	0 0 9 0 0	- - - ××		—	5 9	—	19.2	—
	Cherat *	070 61	8 31 21	97 62 0	902 71	× × × × ×	1 × × 87	075 99	6 18 05	98 02 1	927 68	0 0 9 7 0	1 0 6 67	+ 1	- 2	5.4	- 2 5	27.0	30
	Peshawar	017 71	7 34 09	96 96 9	993 73	6 9 5 2 0	- 98							+ 1					14
	Parachinar	000 61	6 13 02	96 02 9	901 92	7 7 7 6 0	5 × 7 85	016 60	0 00 00	99 01 9	918 67	0 0 9 0 0	9 × 3 61	0	- 3	8.1	—	25.9	28
	Miranshah	000 61	8 11 05	98 00 0	881 85	× × × × ×	- - - 95	000 67	3 11 03	98 20 9	897 78	2 4 8 3 4	- - 73		—	2 9	0 7	10.5	13
	Bannu	000 ××	7 31 08	99 02 6	959 90	0 0 9 3 0	1 0 0 00	009 69	3 05 02	99 03 0	024 79	3 5 8 0 0	- - - 76	—	—	3.8	—	8.2	11
	D. I. Khan	000 75	0 10 02	96 00 0	938 01	0 0 9 0 0	- - 01	009 72	0 09 02	96 00 0	025 79	0 0 9 0 0	- - - 75	+ 1	- 6	1 1	3.4	2.8	9
	Wana																		
	Landikotal	019 65	7 10 05	99 02 9	874 73	7 7 5 0 0	- - - 90	019 63	2 00 00	99 02 1	908 74	2 4 6 0 0	- - - 65		—	2.1	—	11.7	13
	Hangu																		—
	Thall	××× ××	3 36 09	98 01 1	—	2 8 7 1 0	- - - —	××× ××	4 36 09	99 03 1	—	2 8 7 1 1	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 12	0 18 05	97 05 1	857 97	0 0 9 0 0	- - - 98	000 61	0 00 00	94 05 0	908 71	0 0 9 0 0	- - - 71	+ 1	- 3	3.1	- 1.3	9.0	13
	Hindubagh	000 89	0 28 13	97 00 0	894 37	0 0 9 0 0	- - - 90	000 49	0 23 09	98 00 0	918 73	0 0 9 0 0	- - - 59	—	—	0.1	—	8.4	—
	Loralai	000 56	0 00 00	96 00 0	893 91	0 0 9 0 0	- - - 93	000 64	0 00 00	96 00 0	918 72	0 0 9 0 0	- - - 68	—		1 7		8 2	—
	Harnai (a)	000 ××	0 13 05	96 00 0	—	0 0 9 0 0	—	000 ××	0 27 02	96 00 0	—	0 0 9 0 0	- - - —		—	2.0	4.1	10 6	14
	Sibi	000 60	0 22 09	99 00 0	932 98	0 0 0 0 0	- - - 09	000 46	0 13 05	93 00 0	978 85	0 0 9 0 0	- - - 81	—	—	2.3	—	3.8	8
	Quetta †	000 50	0 27 07	98 00 0	910 87	0 0 9 0 0	- - - 89	000 45	0 02 03	97 05 0	914 64	0 0 9 0 0	- - - 60	—	—	0.8	- 0.2	0.3	9
	Chaman	000 75	0 27 05	95 00 0	871 93	0 0 9 0 0	- - - 94	000 58	0 18 03	97 00 0	913 77	0 0 9 0 0	- - - 65	3	- 7	0 0	0 1	9.8	9
	Nushki	000 35	0 29 09	98 00 0	948 00	0 0 9 0 0	- - - 01	000 41	0 11 06	96 00 0	973 82	0 0 9 0 0	- - - 74		—	0	—	5 4	—
	Dalbandin *	000 48	0 23 14	95 08 2	898 02	0 0 9 0 0	- - - 02	000 45	0 00 09	95 00 0	911 74	0 0 9 0 0	- - - 61	8	- 8	0	0.3	1.8	4
	Nokkundi	000 76	0 34 00	99 00 0	919 02	0 0 9 0 0	- - 03	000 58	0 34 09	99 00 0	008 83	0 0 9 0 0	- - - ××	—	—	0	—	0.9	2
	Kalat †	000 41	0 32 05	98 00 0	926 80	0 0 9 0 0	- - - 82	000 34	0 18 02	98 00 0	930 56	0 0 9 0 0	- - - 50	8	6	0.7	0.4	9.7	7
	Turbat	000 33	0 20 03	97 00 0	005 05	0 0 9 0 0	- - - 06	000 76	8 00 00	95 02 2	××× 83	8 0 8 2 0	9 0 × 80	—	—	0	—	1.4	—
	Panjgur *	000 28	0 31 03	97 00 0	005 97	0 0 9 0 0	- - - 98	000 52	0 05 02	97 00 0	928 70	0 0 9 0 0	- - - 64	0	—	0	—	3.2	2
	Las Bela	000 77	0 32 06	99 00 0	977 95	0 0 9 0 0	- - - 01	000 76	0 00 00	99 00 0	934 81	0 0 0 0 0	- - - 70	—	—	0	—	1.7	2
	Ormara																		3
	Pasni	000 73	0 22 14	98 00 0	000 86	0 0 9 0 0	- - - 88	000 72	8 00 00	96 03 2	088 81	8 5 5 0 0	3 × × 78	1	+ 3	0.4	0 5	4.9	4
	Jiwani																		4
SIND	Reti	000 75	0 18 07	96 00 0	067 05	0 0 9 0 0	- - - 06	000 72	0 18 05	96 00 0	998 77	0 0 9 0 0	- - 70	—	—	1.7	—	2.2	—
	Jacobabad	000 ××	0 13 07	97 00 0	074 07	0 0 9 0 0	- - 04	000 71	0 09 07	96 00 0	983 82	0 0 9 0 0	- - - 80	+ 1	1	1.3	0.8	1.8	4
	Sukkur	000 73	2 ×× ××	94 02 1	948 07	0 0 9 0 4	4 2 × 07	000 73	0 16 08	96 00 1	978 80	0 0 9 0 0	- - - 78	—	—	0.5	—	1.0	4
	Pad Idan	000 65	0 13 05	96 00 0	948 03	0 0 9 0 0	- - 08	000 76	0 13 05	96 00 0	976 82	0 0 9 0 0	- - - 76	—	—	0	—	0.1	—
	Karachi (Manora)	000 75	3 27 13	96 01 1	011 84	3 6 4 0 0	- - - 87	000 75	7 27 13	96 02 2	034 81	7 3 6 0 0	- - - 80	+ 2	+ 2	1.5	- 3.8	1 0	4
	Karachi (A. P.)	000 72	4 25 17	96 01 1	012 85	4 6 4 0 0	- - - 88	000 74	7 27 14	96 02 1	032 81	7 6 5 0 0	- - - 79	—	—	2.9	—	3.0	—
	Badin	000 73	0 ×× ××	97 00 0	000 80	0 0 9 0 0	- - - 98	000 72	0 ×× ××	97 00 0	026 84	0 0 9 0 0	- - - 79	—	—	7.0	+ 1.3	7.0	3
	Nagarparkar																		
	Chhor (Umarkot)	000 79	0 23 10	97 06 4	033 94	0 0 9 0 0	- - - 97	000 77	0 20 14	97 08 4	009 83	0 0 9 0 0	- - - 80	—	—	3.1	—	3.1	—
	Hyderabad	000 70	0 26 09	97 00 0	033 95	0 0 9 0 0	- - - 98	000 72	0 35 10	96 00 0	006 83	0 0 9 0 0	- - - 79	+ 8	0	1.8	- 3.5	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul							000 51	2 02 02	98 01 1	966 2	0 0 9 0 2	- - - 58		—	8	—	3.6	—
	Jalalabad	000 65	6 13 02	98 01 1	966 82	0 0 8 2 0	8 × 8 98	000 69	8 00 00	97 03 1	059 74	1 1 6 5 6	4 × 9 78	—	—	8	—	10 8	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY THE 25TH AUGUST, 1951.

Division	Station	At 1200 Hrs. G.M.T. of previous day. RRR $T_d T_d$	N dd	VV ww W	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 $T_x T_x$	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 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
	Mashec	-	-	-	-	.	.	-	-	.	.	.	.	-	-	-	-	-	10
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Arabia	Muscat	000 32	8 09 01	97 00 0	995 89	0 0 8 2 0	- - - 89	000 32	8 26 02	96 00 0	011 87	8 0 8 1 8	- - - 90	- 1	—	0	- 0.1	8.5	4
	Bharain	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Kuwait	000 xx	0 00 00	97 00 0	988 06	0 9 9 0 0	- - - 08	000 xx	0 29 07	97 00 0	029 93	0 0 0 9 0	- - - 91	—	—	0	—	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	$N_h C_L h C_M C_H$	$D_s v_s$ 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	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Brazilian	68 247	668 06	7 25 10	98 03 2	029 81	74 7 11	—	—	—	1 24 23
Islami	68 121	694 06	8 24 15	92 02 2	107 82	72 8 30	2 5 305	—	0 00 75	—
Bharatratni	68 184	727 06	7 24 12	96 02 2	083 84	41 7 10	—	—	—	—
Wisconsin	63 078	751 06	2 22 13	98 03 1	118 86	×2 4 06	2 5 305	—	0 04 ××	1 23 62
Khorson	68 154	710 06	8 26 20	95 02 2	101 ××	87 5 00	6 2 300	—	0 01 78	1 26 25
Malcha	68 071	693 06	4 22 01	98 03 1	184 85	12 × 92	6 5 122	—	0 01 75	1 22 54
Clan Macnair	68 103	652 06	3 21 00	99 02 0	135 82	22 7 01	2 4 220	—	0 02 79	1 49 ××
Ampenon	68 110	684 08	2 24 12	98 02 0	128 81	12 5 81	2 6 115	—	0 03 75	1 22 43
Mohammedi	68 178	689 06	8 22 12	97 02 2	112 81	82 7 80	—	—	—	—
Jahratni	63 110	757 11	7 29 0s	98 02 1	101 84	11 7 27	—	—	—	—
Alavi	68 169	652 06	6 24 24	97 02 2	094 82	64 7 00	6 2 300	—	0 02 78	1 24 24
Darissa	68 226	693 12	7 26 12	95 01 2	025 85	74 7 ××	7 4 220	—	—	—
Willemruys	62 060	914 12	2 18 10	98 02 0	109 83	81 8 00	6 7 305	—	0 01 78	1 25 24
Khosron	68 182	704 12	8 26 12	98 02 2	089 81	68 8 00	6 2 300	—	0 00 78	1 26 24
Daresha	68 233	678 12	2 25 12	98 01 2	071 82	22 6 00	7 4 300	—	0 02 78	—
Khosron	68 181	695 10	8 25 17	98 02 2	101 82	87 5 00	6 2 105	—	0 02 81	1 25 25
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	909 27	225 60	864 75	270 57	700 81	165 86	509 41	509 97	302 27	789 91	555 55	269 17	221 58	319 00	231 34	495 43	280 25	659 00	250 13	456 00	036 42	984 92	009 90	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 **										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
Borra	—	—	29 14	—	—	—	—	—	—	—	22 07	24 11	25 40	27 22	—	—	23 18	25 17	25 17	24 17	—	—	—	—	—
Dhhor	22 21	23 55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23 57	23 48	—	—	—	—	—	—	—
Chittagong	21 19	22 30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19 00	19 18	—	—	—	—	—	—	—
Cox's Bazar	23 22	22 25	25 12	—	—	—	—	—	—	—	—	—	—	—	—	—	19 06	19 06	19 06	20 06	—	—	—	—	—
Dacca	25 19	25 16	25 21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dalbandir	—	—	25 05	27 07	27 15	30 18	—	—	—	—	—	—	21 09	23 18	20 19	—	—	—	25 06	21 14	25 18	20 18	—	—	—
Drosr	—	—	—	—	22 08	19 06	17 13	25 24	—	—	—	—	—	22 02	21 06	21 04	—	—	—	—	25 08	19 05	25 08	21 04	
Fort Bandemar	—	—	—	25 06	20 09	20 17	22 19	27 08	26 49	27 25	—	—	—	26 17	20 17	20 18	—	—	05 04	25 07	20 13	21 17	—	—	—
Jacobabac	18 04	19 02	23 05	20 04	25 05	20 06	22 21	25 19	27 21	27 25	21 13	23 11	23 10	21 06	22 10	21 07	19 04	20 09	25 10	24 07	21 06	25 08	27 15	—	—
Jhelum	18 08	19 01	18 03	21 05	20 07	20 09	20 15	27 21	25 29	—	22 43	18 08	18 09	24 05	20 09	21 00	—	—	—	—	—	—	—	—	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karach.	25 21	26 17	27 27	—	—	—	—	—	—	—	26 18	26 21	27 18	—	—	—	27 20	27 25	—	—	—	—	—	—	—
Khanpur	—	25 14	—	23 18	—	—	—	—	—	—	20 13	21 23	23 23	27 13	20 05	20 08	27 18	24 15	25 14	25 14	26 20	20 17	—	—	—
Lahore	26 07	26 04	25 04	21 05	19 06	28 03	27 15	28 17	26 47	26 24	04 14	02 19	03 13	18 03	22 09	14 03	07 13	25 13	06 03	10 07	25 20	—	—	—	—
Multar	18 11	18 16	19 18	18 06	—	—	—	—	—	—	20 23	21 22	22 21	—	—	—	19 22	20 19	03 10	22 09	27 03	24 05	21 18	—	—
Peshawar	—	06 03	11 08	16 08	20 09	19 07	24 16	26 19	28 27	26 42	—	16 08	01 04	11 07	15 07	13 06	—	11 04	25 01	18 07	12 07	25 17	20 15	24 21	
Quetta	—	—	—	—	27 27	24 27	25 25	27 24	22 26	25 29	—	—	—	—	20 15	20 08	—	—	—	—	24 06	20 15	23 20	—	—
Rushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

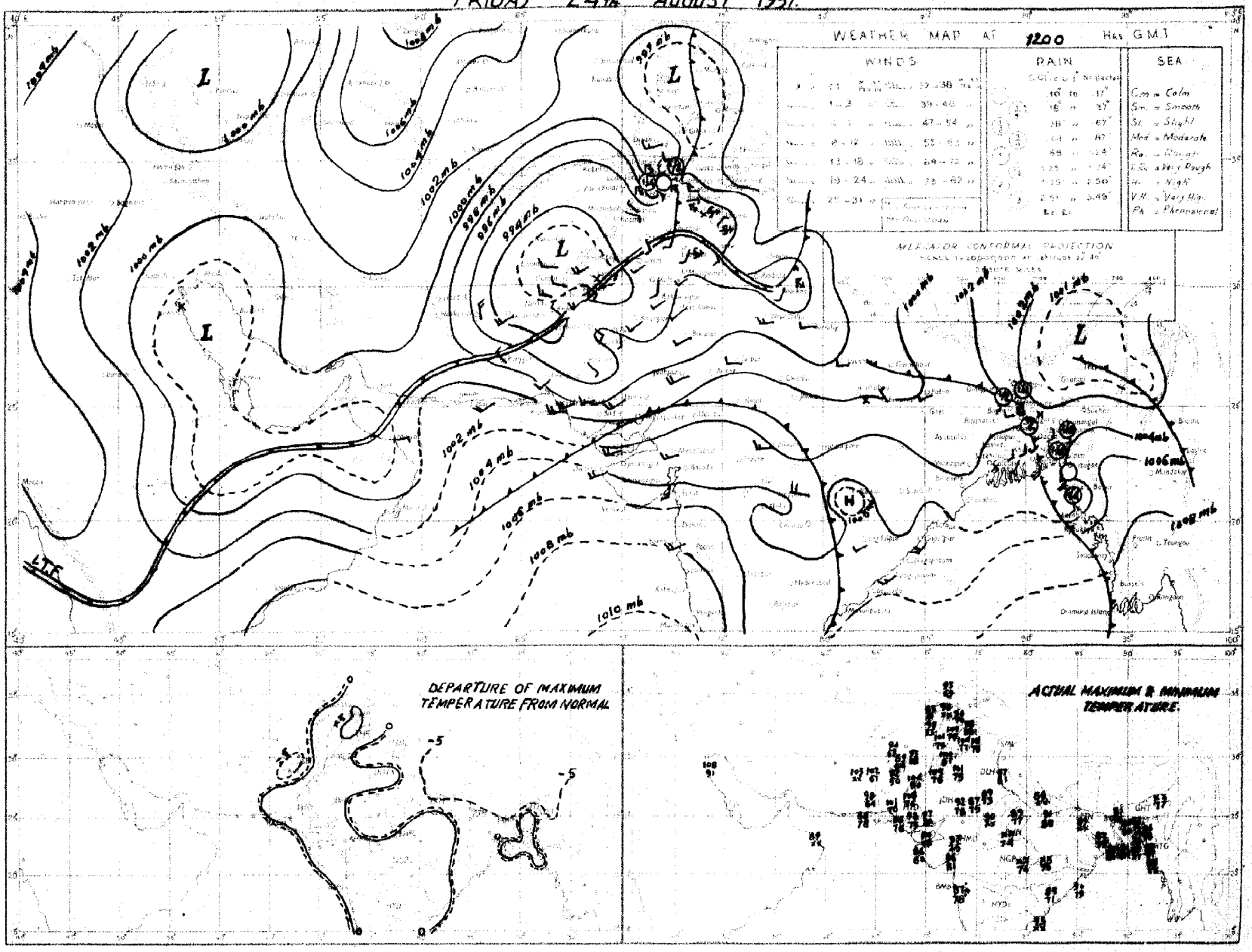
Cloud Observation Data (iiiGG Cddv, v_e)

Peshawar 45801

* 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.

PAKISTAN DAILY WEATHER MAP

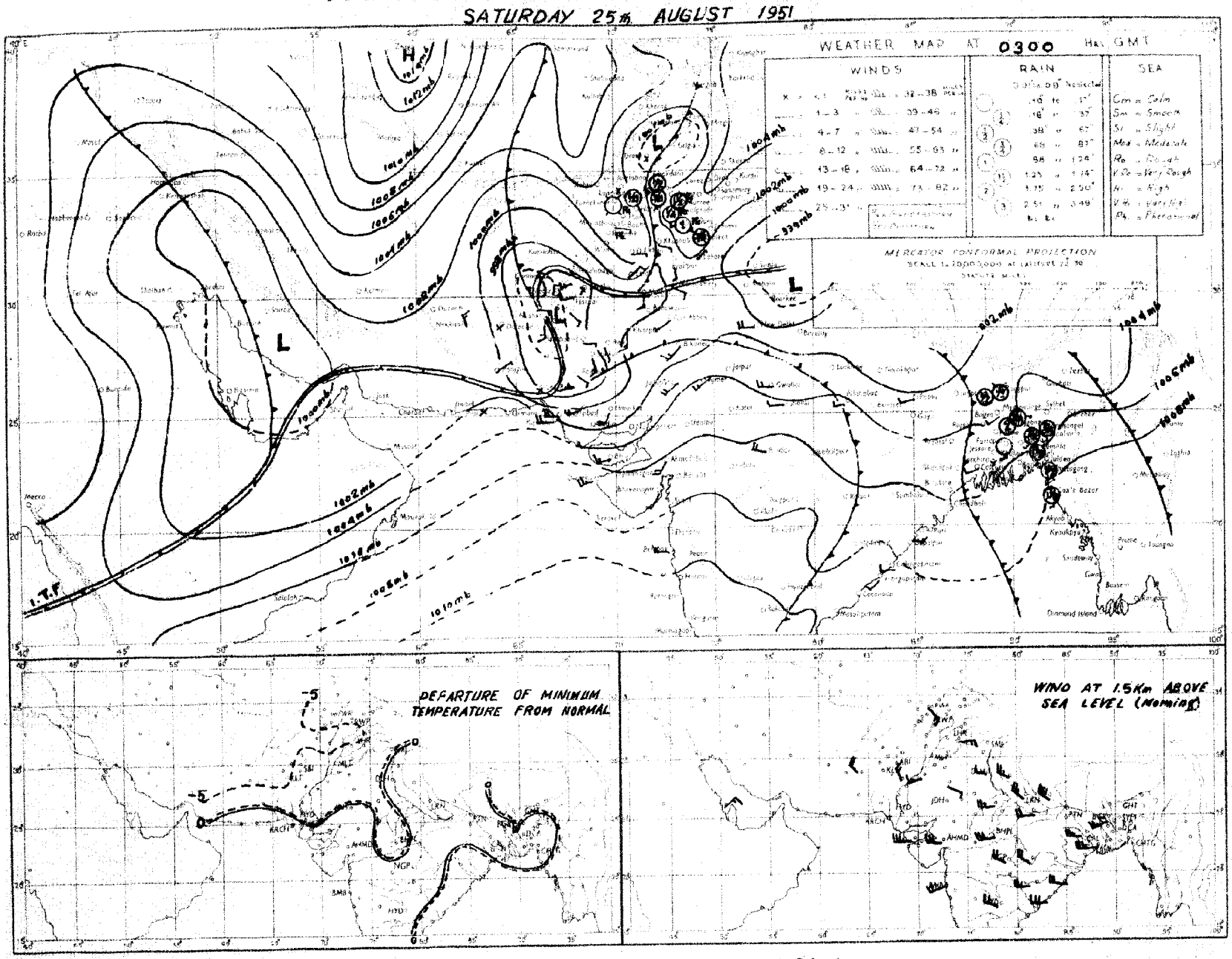
FRIDAY 24th AUGUST 1951.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 25th AUGUST 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-1467

FOR SUNDAY, THE 26TH AUGUST, 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 Kashmir.

Monsoon continues to be active in East Pakistan.

Fairly widespread rain has occurred in East Pakistan and scattered thunderstorms in the upper North-West Frontier Province and the north Punjab.

Chief amounts of rainfall are :—Comilla 1½", Chittagong and Sirajganj ¾" each, Brahmanbaria and Khushab ½" each and Jessore, Cox's Bazar, Narayanganj Mymansingh and Jhelum ¼" each.

Day temperatures were appreciably to markedly below normal in the North-West Frontier Province and north Baluchistan and generally appreciably above normal in Sind and East Pakistan.

Forecast valid until the evening of 27th.:—Fairly widespread rain and a few thunderstorms will occur in East Pakistan and scattered thunderstorms in the upper North-West Frontier Province and the north Punjab.

Karachi-11.
The 26th August, 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	$N_hC_Lh C_M C_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_M C_H$	$W_tD_sD_MT_nT_n$	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	7 18 05	96 03 1	058 84	4 6 6 2 0	- - - 90	032 79	8 18 05	95 03 6	085 82	8 8 6 2 0	- - - 77	+ 5	+ 1	74.6	- 16 0	64.3	140
	Chittagong	011 78	8 20 09	96 02 6	040 84	7 8 6 0 9	- - - 87	082 79	8 16 05	95 61 6	xxx xx	8 6 6 2 0	- - - 78	+ 1	+ 2	72.0	+ 9.9	101 8	105
	Comilla	080 79	7 18 05	95 03 6	028 82	7 4 7 0 0	4 0 0 82	151 81	8 16 09	93 03 1	071 85	8 5 7 0 0	5 0 0 84	5	+ 7	76.3	+26.9	82 9	119
	Brahmanbaria	000 79	8 13 05	96 03 1	027 85	8 5 5 2 -	0 x 0 89	054 77	8 18 06	97 03 1	055 80	2 5 5 2 -	0 x 0 77	—	—	38.8	+ 1 5	48.7	94
	Dacca	xxx 77	8 22 07	95 50 6	022 80	7 6 4 4 -	- - 90	xxx 80	8 23 03	77 02 6	058 82	5 5 4 7	- - - 76			—		—	78
	Narayanganj	000 78	8 27 07	96 08 2	026 85	8 8 5 2 -	- - - 90	030 80	9 23 03	95 03 6	054 85	8 5 5	- - - 78	+ 2	- 1	46.0	+ 9.6	64.9	74
	Mymensingh	000 79	8 00 00	99 02 2	072 85	8 4 7 - -	- - - 90	018 78	8 09 02	99 02 6	047 84	8 4 7	- - - 79	- 3	+ 1	81.8	15 8	30 5	91
	Srimangal	018 57	6 13 03	96 02 6	028 80	3 8 7 5 2	- - - 88	014 77	8 12 02	96 03 6	063 79	6 5 7 - -	- - - 76	- 4	0	47.1	+ 2 4	74 2	98
	Khulna	000 68	7 23 02	96 01 0	024 86	7 2 8 0 0	- - - 92	000 80	8 23 02	96 00 0	064 87	6 3 7 0 0	- - - 81	+ 4	+ 3	32.9	5 5	41 5	68
	Satkhira	000 77	7 00 00	97 03 1	031 84	4 4 4 6 0	- - - 91	000 81	6 00 00	97 03 1	055 85	4 4 7 4 0	- - - 81	+ 3	+ 3	24 1	10 5	32 6	65
	Jessore	019 79	6 18 02	96 02 6	029 83	6 8 6 0 0	2 0 0 91							—					65
	Faridpur	008 79	8 18 05	96 01 6	023 85	6 4 6 1 0	- - - 86							- 1					71
	Barisal	000 77	8 18 03	97 02 6	020 83	2 4 6 2 8	- - - 90	000 80	8 23 05	97 03 2	062 86	8 4 6 5 6	- - - 82	+ 3	+ 4	33.1	12 0	41.7	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 81	8 00 00	98 02 2	018 85	8 2 7 -	- - - 89	037 80	8 23 03	98 02 2	050 83	8 2 3 - -	- - - 78	+ 2	1	41.7	+ 8 2	51.7	64
	Bogra	000 80	8 27 03	96 82 0	016 84	8 7 4 0 0	- - - 92	000 77	8 23 05	96 02 9	046 82	6 0 8 2 8	- - - 80	+ 4	+ 2	29.9	6 9	36.7	60
	Dinajpur	000 78	8 08 02	97 02 2	027 84	8 4 7 0 0	9 0 0 90	000 78	8 00 00	97 02 2	052 84	8 4 7 0 0	- - - 79	+ 1	+ 1	33 6	5 8	37.9	71
	Rangpur	005 xx	8 00 00	96 02 5	--- —	8 5 8 0 0	6 0 0 —	012 xx	8 00 00	96 02 5	— —	8 5 8 0 0	6 0 0 —		—	56 3	+ 11.8	65.7	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 69	8 00 00	96 01 0	984 96	0 0 9 8 0	9 0 4 97	000 71	0 15 02	96 00 0	010 85	0 0 9 0 0	- - - 79	0	0	5.8	1 5	10 0	13
	Lahore	000 75	0 05 05	97 00 1	996 91	0 0 9 0 0	8 x x 97	000 75	0 00 00	96 00 0	015 85	0 0 9 0 0	- - - 79	0	+ 2	9.9	1.8	14 0	19
	Sialkot	000 74	1 00 00	97 01 1	994 92	0 0 8 4 0	- 92	000 72	1 31 02	97 02 0	036 88	0 0 9 0 4	- - - 75	- 2	- 2	18.8	6.0	18.7	33
	Jhelum	021 72	1 00 00	98 01 9	096 89	1 1 7 0 0	9 x x 90	021 74	7 00 00	96 03 1	028 80	0 0 9 7 0	2 x 9 72	—	—	16.4		25 8	—
	Rawalpindi	000 76	2 00 00	99 01 1	006 88	2 2 7 0 0	89	00 67	2 00 00	99 01 1	014 80	0 0 9 2 0	- - - 72	- 4	- 2	14 4	4 1	26.2	36
	Murree †	000 68	5 13 03	96 02 1	928 67	5 9 4 0 0	9 x x 71	090 62	5 11 09	97 02 1	939 62	0 0 9 5 0	9 x x 57	+ 1	0	18.3	10 5	30.9	59
	Attock	xxx x	0 00 00	98 00 0	--- —	0 0 9 0 0	- - - —	xxx xx	4 13 05	98 00 3	— —	4 0 6 2 0		—	—		—		—
	Khushab	010 77	1 11 05	98 03 1	996 93	1 2 6 0 0	- - - 96	038 67	8 31 08	98 02 9	016 71	8 3 6 x x	1 x x 69	8	- 13	2.2	6 4	7 9	15
	Montgomery	001 71	2 00 00	96 01 1	985 97	2 1 7 0 0	9 0 0 99	000 75	0 16 02	96 00 0	015 87	0 0 9 0 0	- - - 82	- 1	+ 2	2.5	- 3.5	6.1	10
	Leiah	000 69	0 13 02	98 00 0	982 99	0 0 9 0 0	- xx	000 71	0 00 00	97 00 0	010 79	0 0 9 0 0	- - - 74	—	—	0.9		6 6	8
	Multan	030 69	0 00 00	97 00 0	986 96	0 0 9 0 0	- - - 97	000 74	0 13 02	96 00 0	009 85	0 0 9 0 0	- - - 82	- 1	0	2 5	- 1.8	5 5	4
	Khanpur	000 76	0 21 07	96 05 0	976 90	0 0 9 0 0	- - 08	000 74	0 23 05	96 05 0	013 81	0 0 9 0 0	- - 79	+ 5	1	0.3	4 2	1.9	6
	Bahawalpur	000 71	0 23 02	97 00 0	078 99	0 0 9 0 0	- - 00	000 73	0 20 07	97 00 0	018 83	0 0 9 0 0	- 81	0	+ 2	1.9	2 1	5.0	6
	Fort Abbas	000 27	0 23 03	96 00 0	905 98	0 0 9 0 0	0 x x 02	000 65	0 23 03	96 00 0	972 84	0 0 9 0 0	0 x x 77	—	—	0.9		1.8	5
N. W. F. P.	Drosh *	000 40	4 26 16	97 01 9	886 88	3 8 7 1 0	3 x 9 86	005 58	2 00 00	99 02 9	942 67	0 0 9 8 9	- - - 68	- 8	- 7	1.1	—	31.3	18
	Chakdara	000 68	0 23 07	99 00 0	956 87	0 0 9 0 0	- 89	000 59	0 27 02	98 00 0	003 76	0 0 9 0 0	- - - 69	—	—	5 9	—	18.2	—
	Cherat *	000 66	5 26 05	93 01 1	924 77	5 2 x 0 0	3 x x 79	000 65	5 18 02	97 01 2	934 70	4 2 9 3 0	2 x 2 46	- 7	3	4.9	- 4 2	27.0	39
	Peshawar	000 67	6 05 03	97 03 1	939 88	5 9 6 6 0	- 90	000 72	4 36 02	97 02 1	025 82	2 6 6 3 0	- - 76	- 7	- 2	1.1	- 3 3	8.4	14
	Parachinar	009 50	7 05 02	96 02 9	907 67	2 2 6 6 0	3 x 7 78	009 51	0 13 02	99 00 2	936 60	0 0 9 0 0	5 x x 60	- 7	- 3	8 8		25.8	30
	Miranshah	000 64	6 07 07	98 03 1	912 85	5 4 6 6 4	- - - 87	000 61	0 00 00	99 00 0	919 79	0 0 9 4 0	- - x	—	—	3 6	0 1	10.5	13
	Bannu	000 84	0 09 03	99 00 0	972 80	0 0 9 0 0	- - - 96	008 69	0 27 05	99 00 0	002 86	0 0 9 0 0	- - - 80	—	—	3.3		8.3	11
	D. I. Khan	000 69	0 02 04	95 00 0	989 94	0 0 9 0 0	- - - 95	000 76	0 06 02	95 00 0	032 83	0 0 9 0 0	- - - 74	- 5	- 6	1.1	5.5	3.8	9
	Wana																		11
	Landikotal	000 88	6 19 02	99 02 2	884 80	6 7 6 0 0	- - - 81	000 68	2 00 00	99 02 1	921 76	2 1 6 0 0	- - - xx	—	—	3.1	—	11.7	—
	Hangu																		—
	Thall	xxx xx	3 23 09	99 08 1	— —	1 8 7 2 0	- - - —	xxx xx	4 18 09	98 02 1	— —	2 8 7 2 0	- - - —	—	—		—	—	—
BALUCHISTAN	Fort Sandeman	000 31	1 23 07	98 01 1	886 92	0 0 9 4 0	- - - 94	000 60	0 00 00	94 05 0	949 74	0 0 9 5 0	- - - 69	- 1	- 2	4.1	- 0.3	10 0	15
	Hindubagh	000 28	0 27 05	98 00 0	902 85	0 0 9 0 0	- - - 87	000 31	0 23 05	98 00 0	930 73	0 0 9 0 0	- - - 60	—	—	0.2	—	3.5	—
	Loralai	008 58	0 18 02	96 00 0	878 88	0 0 9 0 0	- - - 89	000 51	0 18 02	98 00 0	928 69	0 0 9 0 0	- - - 60	—	—	1.7		8 3	—
	Harnai (a)	000 xx	0 13 05	96 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 23 02	94 05 4	— —	0 0 9 0 0	- - - —	—	—	2.0		10.6	14
	Bibi	000 29	0 23 05	98 00 0	922 09	0 0 9 0 0	- - - 09	000 71	0 05 05	98 00 0	009 89	0 9 9 0 0	- - - 84	—	—	1.2	- 4.3	3.8	5
	Quetta †	000 44	0 20 07	99 00 0	919 85	0 0 9 0 0	- - - 87	000 46	0 00 00	98 05 0	010 61	0 0 9 0 0	- - - 49	—	—	0.8		0.3	9
	Chaman	009 71	0 23 05	97 00 0	874 90	0 0 9 0 0	- - - 91	000 21	0 18 02	97 00 0	933 73	0 0 9 0 0	- - - 65	- 6	- 3	0	- 0.3	3.6	5
	Nushki	009 46	0 25 14	97 00 0	050 93	0 0 9 0 0	- - - 09	000 45	0 36 16	96 00 0	992 81	0 0 9 0 0	- - - 75	—	—	0	0 1	5 4	—
	Dalbandin *	000 44	0 29 09	94 07 0	907 97	0 0 9 0 0	- - - 01	000 41	0 31 02	95 05 0	932 67	0 0 9 0 0	- - - 63	- 4	- 6	0		1.8	4
	Nokkundi	000 61	0 34 05	99 00 0	958 99	0 0 9 0 0	- - 03	000 43	0 34 09	99 00 0	023 88	0 0 9 0 0	- - - 75	—	—	0	0.3	0.9	3
	Kalat †	000 47	0 32 05	98 00 0	934 80	0 0 9 0 0	- - - 68	000 36	0 18 06	98 00 0	953 60	0 0 9 0 0	- - - 49	- 5	5	0.7	0.4	9.7	7
	Turbat	000 81	0 20 07	97 00 2	020 92	0 0 9 0 0	- - - 04	000 76	8 20 02	95 02 2	005 88	8 0 6 9 0	9 0 x 80	—		0		1.4	—
	Panjgur *	000 29	0 31 02	97 00 0	012 97	0 0 9 0 0	- - - 95	000 61	0 05 02	97 00 0	951 71	0 0 9 0 0	- - - 66	0	- 5	0	—	3.2	4
	Las Bela	000 83	0 23 05	99 00 0	999 95	0 0 9 0 0	- - - 00	000 74	0 00 00	99 00 0	957 80	0 0 9 0 0	- - - 69	—	—	1 6	—	1.7	6
	Ormara																		6
	Pasni	000 78	0 23 12	98 00 0	033 85	0 0 9 0 0	- - - 88	000 74	8 23 05	96 08 2	063 81	8 4 5 0 0	3 x x 79	- 1	+ 4	0 8	- 0 1	4.9	6
	Jiwani																		4
SIND	Roti	000 70	0 09 03	94 00 0	974 02	0 0 9 0 0	- - - 02	000 72	0 18 07	96 00 0	031 80	0 0 9 0 9	- - 80	—		1.7	—	2.2	—
	Jacobabad	000 70	0 18 12	94 00 1	967 01	0 0 9 0 0	- - - 04	000 78	0 09 03	96 05 0	017 82	0 0 9 0 0	- - 79	+ 1	2	1.3	0.8	1.8	4
	Sukkur	000 72	0 00 00	98 00 0	968 00	0 0 9 0 0	- - - 01	000 72	0 00 00	96 00 0	010 79	0 0 9 0 0	- - - 78	—	—	0 5	—	1.0	4
	Pad Idan	000 33	0 00 00	98 00 0	971 08	0 0 9 0 0	- - - 10	000 77	0 00 00	98 00 0	009 83	0 0 9 0 9	- - - 77	—	—	0.8	—	0.9	—
	Karachi (Manora)	000 76	1 25 13	97 01 1	025 83	1 1 4 0 0	- - - 87	000 75	2 25 09	96 01 1	056 81	2 1 4 0 0	- - - 80	+ 2	+ 2	1.5	- 2 9	1 6	8
	Karachi (A. P.)	000 78	4 25 21	97 01 1	024 86	4 5 5 0 0	- - - 88	000 72	2 25 10	96 01 1	058 81	5 5 4 0 0	- - - 80	—	—	2.9		2.8	—
	Badin	000 72	0 00 00	97 00 0	010 90	0 0 9 0 0	- - - 93	000 71	0 00 00	97 00 0	044 84	0 0 9 0 0	- - - 78	—	+ 1	7.0	+ 1.2	7.0	8
	Nagarparkar																		—
	Chhor (Umarkot)	000 79	0 20 17	97 05 4	093 94	0 0 9 0 0	- - - 98	000 77	0 20 16	97 00 0	018 83	0 0 9 0 0	- - - 77	—	—	2.1	—	2.1	—
	Hyderabad	000 88	0 25 10	97 00 0	094 95	0 0 9 0 0	- - - 99	000 70	0 23 05	97 00 0	033 83	0 0 9 0 0	- - 80	+ 4	+ 2	1.8	- 2.6	2.8	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul													—					—
	Jalalabad	000 83	5 00 03	97 02 1	031 90	1 1 6 4 0	3 x 9 92	000 77	8 00 00	97 01 1	990 77	1 1 6 4 0	4 x 9 xx	—	—	0.5	—	6.9	—
	Kandahar	000 72	0 00 00	93 00 0	081 95	0 0 9 0 0	- - 95							—					—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY THE 26TH AUGUST 1951.

Division	Station	At 1200 Hrs. G.M.T. of previous day.						At 0300 Hrs. G.M.T. of date.						Departures from Normal		Rainfall			
		RRR T_dT_d	N dd	VV ww W	PPPTT	$N_h C_L hC_M C_H$	$W_1 D_S D_W T_X T_X$	RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$W_1 D_S D_W T_n T_n$	$T_X T_X$	$T_n T_n$	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
Iran	Charbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	Masjed	...	-	-	...	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire		...	-		-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Muscat	000 81	5 31 02	97 00 0	016 88	0 0 9 2 0	- - - 00	000 83	5 13 02	96 02 0	031 86	0 0 9 2 0	- - - xv	0	...	0	- 0.1	3.3	4
	Sharjah	000 xx	0 36 21	93 07 0	980 04	0 0 9 0 0	- - - 04	000 xx	0 29 05	97 00 0	022 93	0 0 9 0 0	- - - 00	-	...	0	-	1.5	4
	Kuwait																		5

* Barometer readings reduced to 1 geodynamic Kilometre 2,850-2,850 feet according to latitude. (a) Reports only rainfall.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 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_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	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Khoeron	73 180	883 06	5 25 17	99 02 0	119 84	21 6 09	6 2 105	...	0 02 77	1 25 25
Bharatrani	73 145	739 06	8 22 07	97 01 0	119 84	21 7 01	...	...	...	...
Khoson	73 178	675 12	5 25 17	98 02 1	099 82	21 6 09	6 2 005	...	0 02 75	1 22 25
Jalaratna	73 188	744 12	4 29 09	98 02 1	097 84	28 7 01	...	...	...	...
Amastara	73 122	789 12	8 32 13	98 01 8	093 84	21 6 08	7 4 810	...	...	...
Jalaratni	73 135	747 18	9 22 08	96 00 9	119 82	9x x 01	...	...	...	...
Jersey City	73 100	780 18	1 19 09	98 02 2	095 81	11 5 xx	4 5 800	...	0 50 06	1 20 06
City of Lille	73 060	789 18	7 30 14	98 01 2	120 81	28 7 10	6 4 210	...	0 51 75	1 xx xx
Daresha	73 246	657 18	6 26 13	98 05 1	043 82	68 7 00	6 4 820	...	0 05 75	...
BAY OF BENGAL										
Willdamruys	73 059	887 12	2 20 13	98 02 0	095 82	12 5 60	6 7 805	...	0 06 74	1 25 43

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiGG	PoPoPoToTo	TdoTdoTxoXrX2	PrPthrhthr	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 ...	780 14	000 27 037 60	854 78 250 08	700 25 115 75	509 18 539 97	501 81 769 90	555 55 209 45	222 02 319 00	260 71 428 70	275 08 658 00	225 04 406 07	015 18 446 00	016 87 60 583

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	7	10	1	2	3	4	7	10	15	20
	1	2	3	4	5	6	7	8	9	12	11	13	14	15	16	17	18	19	20	21	22	23	24	25
Bores	20 14	22 10	25 09	...	...	...	...	...	...	...	22 18	24 21	25 28	...	...	...	22 18	25 19	26 18	26 19	26 19	26 13	...	...
Chhor	22 24	23 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24 29	24 24	27 20	29 21	28 10	27 02	...	...
Chittagong	...	21 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16 20	...	...	...	...	...	...	...
Cox's Bazar	22 17	24 17	26 15	...	...	...	...	...	...	...	23 14	23 18	23 25	22 29	...	...	26 00	21 17	22 16	...	...	...	...	...
Dacca	22 17	22 16	22 18	...	...	...	...	...	...	...	22 27	22 26	23 27	...	...	...	22 21	23 23	...	...	...	...	...	...
Dalbandin	...	...	26 12	27 23	26 17	...	...	...	...	...	...	...	30 07	29 08	29 13	...	...	...	29 06	28 09	28 15	25 10	...	...
Drosh	...	...	...	...	23 12	19 18	11 03	...	...	...	...	...	...	...	17 03	19 05	...	...	...	...	21 03	20 05	05 02	26 13
Fort Sandeman	...	...	...	25 02	20 03	21 10	24 17	...	...	...	...	...	...	09 08	24 06	25 13	...	...	...	24 05	09 04	27 12	21 15	25 19
Sacro babac	09 13	07 12	07 13	25 10	23 14	20 08	22 15	26 19	29 24	...	09 15	10 06	25 08	21 40	27 10	31 19	13 02	08 03	31 04	27 04	27 02	23 11	28 18	25 25
Zhetlom	34 04	35 06	36 06	35 07	30 10	31 14	34 05	27 18	...	...	26 09	34 07	30 08	28 08	25 07	24 02	34 05	33 05	31 07	31 08	28 08	28 08	...	...
Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	25 27	26 25	27 28	26 15	...	...	...	...	...	...	26 26	27 28	27 31	...	...	...	21 16	27 15	29 05	27 07	28 08	24 02	...	...
Khanpur	09 08	08 18	13 08	16 17	24 04	22 13	24 24	27 26	...	...	16 00	19 15	19 13	28 09	25 05	30 06	26 31	27 28	27 28	31 12	...	...	...	29 16
Lahore	15 01	26 08	29 01	21 05	20 03	27 06	27 18	27 19	...	...	09 11	09 18	06 08	25 11	28 11	29 08	19 06	21 06	24 04	27 07	28 07	26 11	26 13	...
Multan	12 07	19 14	19 13	...	...	...	...	...	...	...	05 02	10 01	19 09	21 19	28 18	27 23	19 07	25 02	24 04	26 04	26 17	25 12	...	...
Peshawar	...	06 10	09 04	11 05	25 01	27 07	29 07	26 11	26 22	25 47	...	33 06	33 07	31 07	29 07	19 07	...	27 06	...	33 02	35 03	30 04	25 05	25 06
Quetta	...	...	...	...	29 08	24 10	27 19	26 26	...	...	...	...	...	...	24 05	21 06	...	...	...	...	...	28 10	29 21	...
Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Cloud Observation Data (iiiGG Cddv, v,)

Peshawar 51003 48712

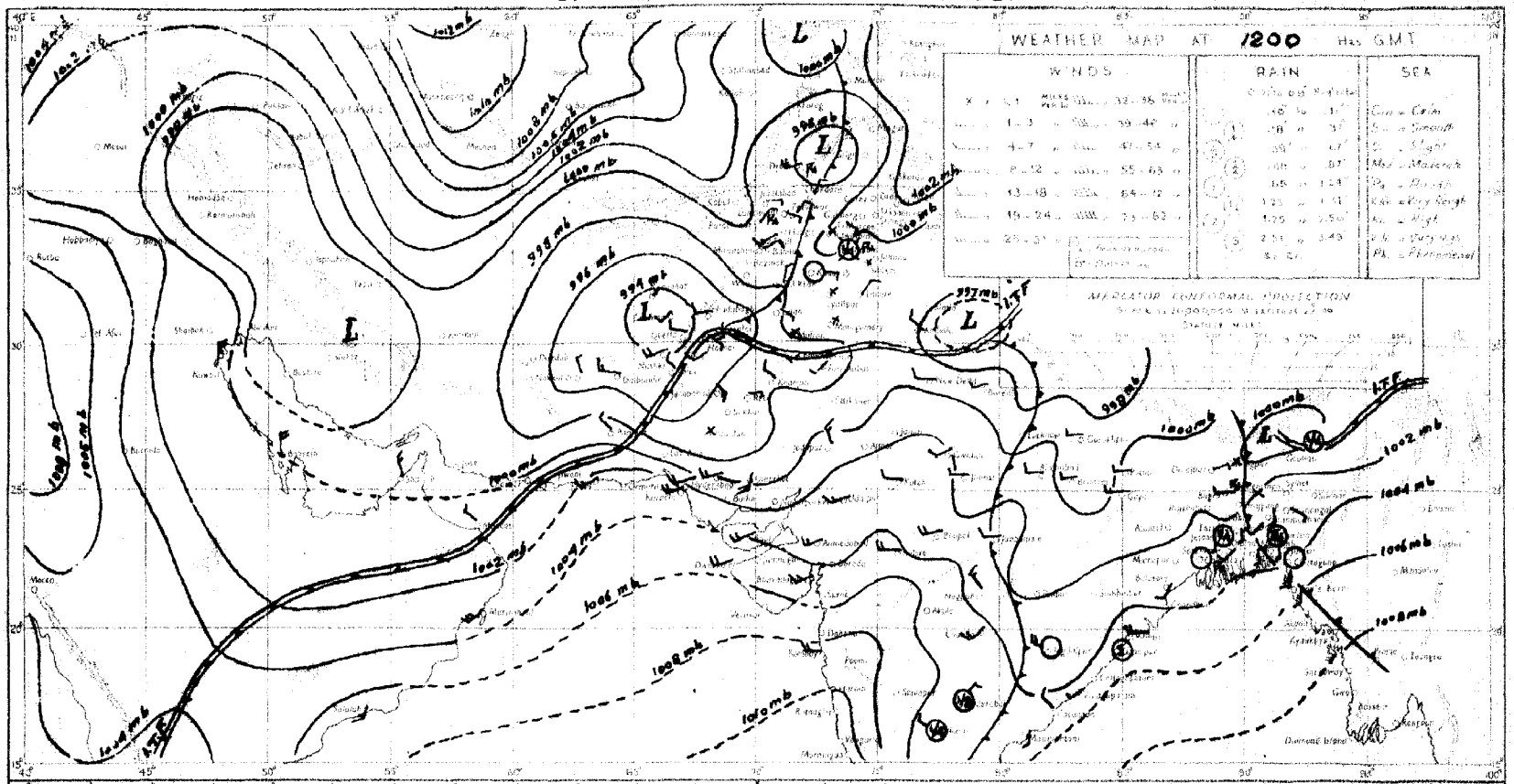
Drosh 51508 42711

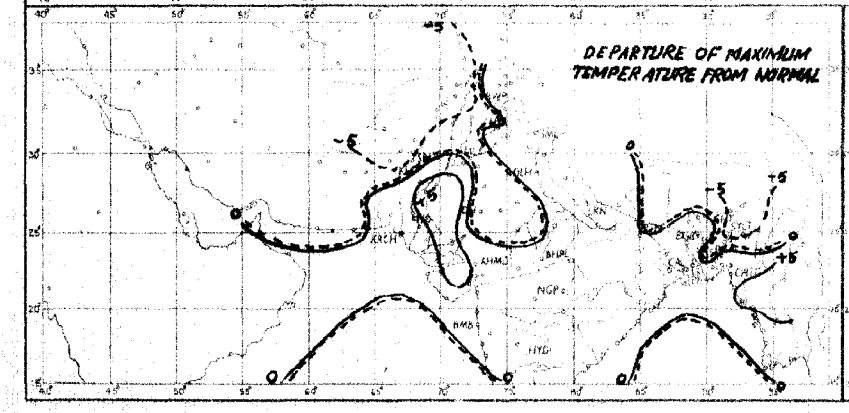
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper w nds relate are 0.5, 0.6, 0.9, 1.5, 2.1, 3.0, 4.5, 6.0, 7.5, and 9.0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

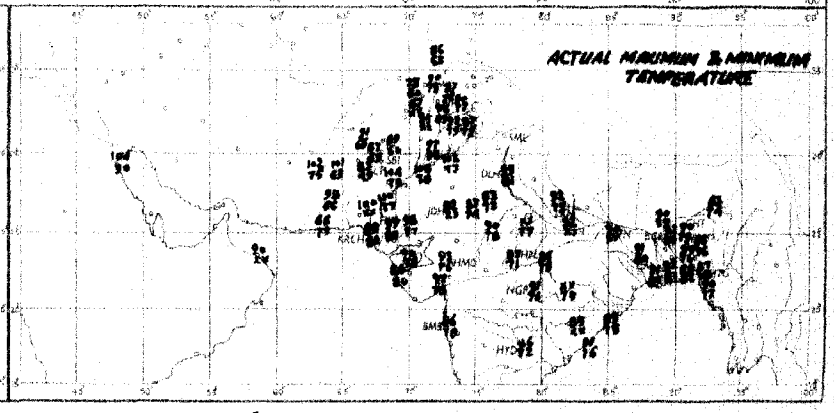
N. P. W.

PAKISTAN DAILY WEATHER MAP

SATURDAY 25th AUGUST 1951



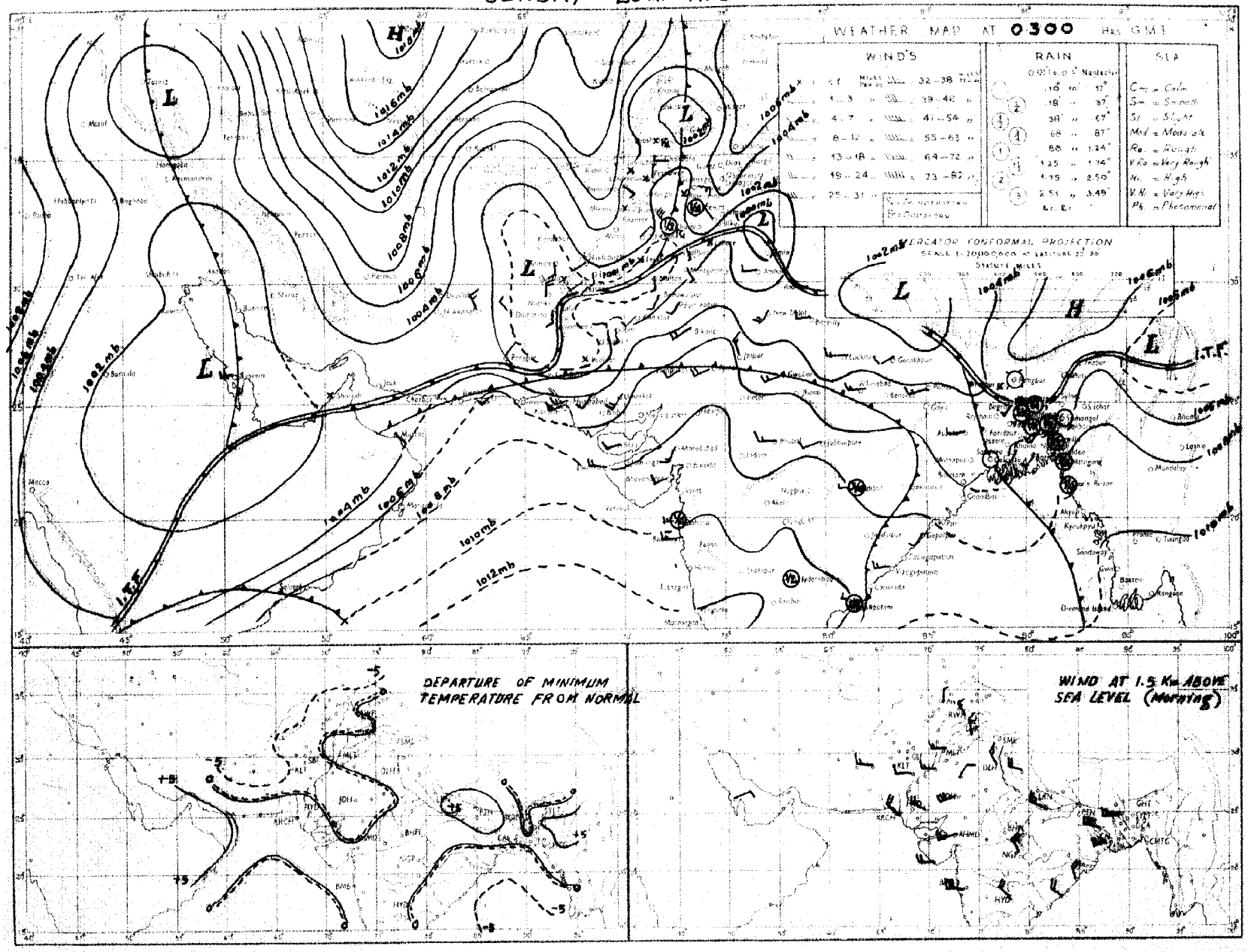




Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

SUNDAY 26th. AUGUST 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-1467

FOR MONDAY, THE 27TH AUGUST, 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 Kashmir. Its associated cold front is moving eastwards across the plains of the north Punjab.

Monsoon continues to be active in East Pakistan.

Fairly widespread rain/thunderstorms have occurred in East Pakistan, the north Punjab and the North-West Frontier Province.

Chief amounts of rainfall are :—Mymensingh and Chittagong 2" each, Comilla, Srimangal, Khulna and Dinajpur 1½" each, Barisal and Narayanganj 1" each, Rangpur ¾", Cox's Bazar, Satkhira, Sirajganj and Parachinar ½" each and Brahmanbaria, Jessore, Bogra, Landi Kotal, Peshawar and Cherat ¼" each.

Day temperatures were appreciably to markedly below normal in the extreme north Punjab, the upper North-West Frontier Province and north Baluchistan.

Forecast valid until the evening of 28th :—Local rain and a few thunderstorms will occur in East Pakistan. Scattered thunderstorms/showers will occur in the extreme north Punjab, the upper North-West Frontier Province and Kashmir. Dustraising winds will also occur in north Baluchistan.

Karachi-11.
The 27th August, 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 CMCH	WtDsDMTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLh CMCH	WtDsDMTnTn	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	025 77	8 18 02	93 51 6	056 78	3 9 5 - -	- - - 86	050 77	8 18 02	95 03 2	084 82	8 8 5 -	- - - 75	0	- 1	75 1	- 16 3	84.7	140
	Chittagong							226 77	8 13 05	96 50 6	874 81	4 8 6 7 0	- - x 75		- 1	71 8	+11.6	104.0	105
	Comilla	105 78	8 18 05	98 08 6	087 79	8 5 7 - -	5 - - 88	166 78	8 18 05	98 08 1	067 79	8 4 7 -	6 - - 77	- 5	0	78 0	+28.1	84 6	118
	Brahmanbaria	018 78	5 18 05	96 08 9	039 79	2 5 5 0 4	4 6 - 84	018 79	8 18 05	97 03 1	066 84	6 6 5 0 0	- - - 77	—	-	39.0	+10 4	48.9	94
	Dacca	xxx 76	8 20 02	96 02 2	030 81	4 8 5 2 x	- - x 88	xxx 77	8 27 02	95 95 0	064 81	8 3 4 -	- - - 78	- 1	—	—	—	—	78
	Narayanganj	096 80	8 18 02	95 60 5	027 82	8 0 7 2 x	- - x 89	106 79	8 16 08	95 61 6	059 80	8 5 5 - -	- - - 78	+ 2	- 1	47.1	+10.2	66.0	74
	Mymensingh	080 79	8 00 00	98 02 6	023 85	8 6 6 -	- - - 89	205 79	8 00 00	99 02 6	059 82	8 4 7 -	- - - 78	+ 2	0	33 4	18 8	41 6	91
	Srimangal	142 77	6 18 03	97 02 6	059 79	4 8 6 0 2	- x - 91	142 77	7 23 02	97 02 1	070 81	4 8 7 8 2	- x x 76	+ 2	0	48.5	+ 2 5	75 6	98
	Khulna	000 80	8 00 00	96 17 2	035 84	8 7 6 - -	- - - 92	166 78	6 00 00	96 01 1	064 84	6 8 7 0 0	- - - 78	+ 4	0	24.6	4 5	43.1	68
	Satkhira	000 79	7 xx xx	97 03 1	034 77	6 9 7 6 0	- - x 90	050 79	7 00 00	97 03 1	056 83	6 9 7 6 0	- - x 76	+ 1	- 2	24 6	12.4	38 1	65
	Jessore	021 81	8 16 02	96 02 6	027 81	8 8 6 -	3 - - 93	036 79	8 23 02	96 03 6	060 82	8 8 6 -	- - - xx	—	—	24 6	9 5	31.8	65
	Faridpur	009 80	8 18 02	96 03 9	027 83	7 4 6 1 0	- - x 84	014 79	8 00 00	95 60 6	063 81	7 6 6 1 0	- - x 79	- 3	0	35 7	- 1.1	41.6	71
	Barisal	098 77	8 00 00	96 21 6	038 79	4 7 5 2 -	- - x 90	105 81	8 16 02	97 05 2	064 83	3 4 6 5 6	- x x 79	+ 3	0	33 1	- 11 4	42.8	81
	Pabna																		88
	Rampur Boalia																		88
	Sirajganj	025 81	8 23 02	98 66 6	022 86	8 7 6 - -	- - - 87	038 79	8 13 02	98 02 2	050 83	8 2 7 - -	- - - 78	0	- 1	38 9	+ 4 0	52.1	84
	Bogra	000 75	8 00 00	95 60 1	016 81	8 7 4 - -	- - - 90	032 79	6 28 02	96 01 6	053 83	3 2 x 0 2	- x - 79	+ 2	+ 1	30.2	7 0	37.0	69
	Dinajpur	145 80	8 09 00	97 02 6	025 81	8 8 6 - -	9 - - 90	045 79	8 00 00	97 02 2	060 82	0 0 9 2 0	- - x 78	- 1	0	56 1	4 9	39.4	72
	Rangpur	085 xx	8 00 00	96 02 6	6 - —	8 5 8 0 0	6 0 0 —	085 xx	8 00 00	96 02 1	— —	8 5 8 - -	- - - xx		—	57 2	+ 11.7	66 5	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 72	5 11 02	96 02 3	987 96	5 9 8 0 0	5 0 0 97	031 63	2 34 02	96 01 9	047 79	0 0 9 0 3	9 3 - 74	- 1	- 5	5.9	1 4	10 2	12
	Lahore	000 68	1 16 03	96 01 9	985 91	0 0 9 1 0	5 - 9 98	000 65	8 31 05	97 02 1	051 77	6 8 7 0 0	9 - - 74	+ 1	- 3	9 9	1.9	14.0	19
	Sialkot	000 70	0 05 02	97 00 1	989 92	0 0 9 0 0	- - 93	000 66	7 27 02	98 03 1	060 76	7 0 8 4 0	- - x 73	- 2	- 4	13.8	- 5,2	18.7	32
	Jhelum	000 69	1 00 00	98 01 9	003 89	0 0 9 3 0	7 x 9 89	000 65	8 23 02	98 03 9	047 75	2 3 7 2 -	- - x 72	—	—	16 4	-	25 8	—
	Rawalpindi	000 65	5 00 00	98 29 9	002 92	5 9 5 0 0	6 x x 87	010 65	4 23 02	95 02 1	055 72	4 2 7 0 0	- - - 66	6	6	14 5	4 1	25.8	31
	Murree †	000 47	6 05 05	96 02 1	931 61	6 9 4 0 0	2 x x 71	009 47	7 00 00	97 02 9	946 61	7 5 5 0 0	9 - - 53	+ 1	- 4	18 3	10.6	39.9	49
	Attock	xxx x	8 05 05	97 00 0	— —	8 0 6 2 0	- - - xx	xxx xx	0 05 02	98 00 5	— —	0 0 9 0 0	- - - —	—	—		—		—
	Khushab	000 69	0 07 05	99 00 0	090 95	0 0 9 0 1	- - - 96	000 69	2 05 05	99 01 1	048 77	2 2 6 x x	- - - 70	3	11	2.2	6 4	7.9	15
	Montgomery	000 68	1 00 00	96 01 1	991 97	1 1 7 0 0	6 x x 99	000 65	0 05 06	96 00 0	046 80	0 0 9 0 0	- - - 77	1	- 3	2 5	3 5	6.1	10
	Leiah	000 75	0 05 03	97 00 0	970 91	0 0 9 0 0	- - 99	000 67	0 09 00	97 00 0	053 82	0 0 9 0 0	- - - 79	—	—	0.9	—	6 6	8
	Multan	000 70	6 23 05	97 03 0	991 98	0 0 9 7 0	- - - 00	000 67	0 36 09	96 00 0	044 82	0 0 9 0 0	- - - 80	+ 2		2.5	- 1.8	5 5	4
	Khanpur	000 69	0 18 03	95 05 0	991 04	0 0 9 0 0	- - - 04							+ 1					6
	Bahawalpur	000 70	0 00 00	97 00 0	987 00	0 0 9 0 0	- - - 00	000 78	0 20 07	97 00 0	043 82	0 0 9 0 0	- - - 81	- 1	+ 2	1.9	2.1	10.0	6
	Fort Abbas	000 90	0 23 03	96 00 0	989 00	0 0 9 0 0	0 x x 01	000 68	0 23 03	96 00 0	047 86	0 0 9 0 0	- - - 76		—	0.4		1.8	3
N. W. F. P.	Drosh *	001 41	8 00 00	98 17 9	925 72	8 9 4 -	3 x x 85	001 51	0 00 00	97 00 9	968 63	0 0 9 0 9	- - - 60	- 8	- 10	1.1	—	21 4	18
	Chakdara	000 55	6 27 10	99 03 1	026 75	6 5 6 0 0	1 x x 88	000 57	0 36 02	98 00 0	057 73	0 0 9 0 0	- - - 60	—	—	5 9	—	19.2	—
	Cherat *	000 59	0 34 16	97 00 9	937 66	0 0 9 0 0	7 x 6 79	025 58	0 31 07	98 00 1	960 66	0 0 9 0 0	- - - 60	7	9	5.2	- 4 1	27.9	29
	Peshawar	021 68	7 23 09	97 95 9	019 75	6 9 5 0 1	- x - 91	021 62	1 00 00	97 96 6	062 78	0 0 9 0 0	- - - 69	6	- 8	1.3	- 3 1	8.6	14
	Parachinar	010 54	7 05 02	95 02 9	925 67	2 2 5 0 1	3 x 7 70	060 52	0 00 00	99 00 9	945 60	0 0 9 0 0	- - - 55	6	- 8	8 9	—	25 4	29
	Miranshah	005 59	9 20 03	98 20 6	973 83	3 4 9 3 9	- - - 90	000 66	0 00 00	96 26 4	036 75	0 0 9 0 0	- - - 73		—	3 6	0 1	10.5	18
	Bannu	000 56	7 18 05	98 01 2	986 93	7 8 8 0 0	- - - 94	000 68	0 13 05	98 05 4	054 77	0 0 9 0 0	- - - 72	—	—	3.3	—	8.2	11
	D. I. Khan	000 71	0 05 02	95 00 0	971 97	0 0 9 0 0	0 0 4 00	009 68	0 05 02	96 00 0	065 77	0 0 9 0 0	- - - 75	0	- 5	1 1	5.5	2.8	8
	Wana																		13
	Landikotal	024 64	6 00 00	99 02 9	716 72	6 7 6 0 0	- - - 82	024 60	0 00 00	99 00 1	945 71	0 0 9 0 0	- - - 66		—	2 4	—	11.0	—
	Hangu																		—
	Thull	xxx xx	6 36 09	99 03 6	— —	2 8 7 3 1	2 9 9 —	xxx xx	0 36 09	99 00 9	— —	0 0 9 0 0	- - - xx	—	—	-	—	—	—
BALUCHISTAN	Fort Sandeman	000 60	0 23 05	97 05 0	898 92	0 0 9 0 0	- - - 94	000 58	0 05 03	94 05 0	950 71	0 0 9 0 0	- - - 68	- 1	- 3	4.1	- 0.3	10 0	11
	Hindubagh	000 39	0 27 18	98 00 0	917 83	0 0 9 0 0	- - - 86	000 42	0 28 07	97 00 0	943 71	0 0 9 0 0	- - - 47	—	—	0.3	—	8.5	—
	Loralai	000 62	3 00 00	97 01 0	887 85	0 0 9 8 0	- - - 89	000 46	0 27 02	96 00 0	941 66	0 0 9 0 0	- - - 60	—		1 7		8 2	—
	Harnai (a)	000 xx	0 13 06	95 00 4	— —	0 0 9 0 0	- - - —	000 xx	0 27 02	96 00 0	— —	0 0 9 0 0	- - - xx		—	2.0	- 4.3	10 6	14
	Sibi	000 48	0 29 06	99 00 0	964 07	0 0 9 0 0	- - - 07	000 51	0 00 00	98 00 0	014 85	0 0 9 0 0	- - - 79	—	—	2.2	—	3.8	5
	Quetta †	000 41	0 34 03	99 00 0	973 84	0 0 9 0 0	- - - 88	000 51	0 00 00	97 10 0	944 64	0 0 9 0 0	- - - 50	—		0.8	- 0.2	9.3	9
	Onaman	009 17	0 25 05	97 00 0	914 88	0 0 9 0 0	- - - 90	000 27	0 22 05	97 00 0	958 68	0 0 9 0 0	- - - 62	5	- 6	0	0 1	9.6	9
	Nushki	000 46	0 31 07	97 00 0	960 98	0 0 9 0 0	- - - 99	000 53	6 00 00	96 00 0	010 80	0 0 9 0 0	- - - 70		—	0	—	5 4	—
	Dalbandin *	000 21	0 27 09	94 07 3	923 97	0 0 9 0 0	- - - 98	000 22	0 27 03	94 05 6	957 73	0 0 9 0 0	- - - 65	6	4	0	- 0.3	1.8	4
	Nokkundi	000 48	0 34 13	99 00 0	991 97	0 0 9 0 0	- - - 98	000 58	0 29 02	99 00 0	060 80	0 0 9 0 0	- - - 74	—	—	0	—	0.9	2
	Kalat †	000 63	0 32 09	98 00 0	951 80	0 0 9 0 0	- - - 82	000 31	0 18 05	98 00 0	961 58	0 0 9 0 0	- - - 49	2	5	0.7	0.4	9.7	7
	Turbat	000 82	0 20 05	97 00 2	033 97	0 0 9 0 0	- - - 01	000 76	8 24 02	95 03 1	079 82	8 0 7 2 0	9 - x 78	—		0	—	1.4	—
	Panjgur *	000 15	0 31 07	97 00 0	928 95	0 0 9 0 0	- - - 97	000 32	4 23 02	97 00 0	995 72	0 0 9 0 0	- - - 66	3	5	0	—	3.2	5
	Las Bela	000 75	0 23 06	99 00 0	021 95	0 0 9 0 0	- - - 04	000 75	0 00 00	99 00 0	254 84	0 0 9 0 0	- - - 77			1 6	—	1.7	5
	Ormara																		5
	Pasni	000 73	0 23 14	97 00 0	047 85	0 0 9 0 0	- - - 88	000 74	5 23 05	98 02 1	074 81	0 0 9 4 0	9 - 7 73	0	+ 4	0 8	0.1	4.9	6
	Jiwani																		4
SIND	Rati	000 69	0 13 07	96 00 0	976 80	0 0 9 0 0	- - - 05	000 74	0 00 00	96 00 0	039 82	0 0 9 0 0	- - - 77	—		1.7	—	2.2	—
	Jacobabad	000 67	0 13 07	96 00 0	975 03	0 0 9 0 0	- - - 04	000 70	0 11 10	96 00 0	029 82	0 0 9 0 0	- - - 79	+ 1	- 2	1.3	0.8	1.8	4
	Sukkar	000 60	0 xx xx	96 00 0	980 04	0 0 9 0 0	- - - 05	000 78	0 xx xx	96 00 0	020 80	0 0 9 0 0	- - - 78	—	—	0.5	—	1.8	4
	Pad Idan	000 59	0 18 05	98 00 0	982 05	0 0 9 0 0	- - - 06	000 71	0 18 05	98 00 0	015 80	0 0 9 0 0	- - - 76	—	—	0.8	—	0.9	—
	Karachi (Manora)	000 77	2 25 13	97 01 1	060 84	2 1 5 0 0	- - - 87	000 74	4 27 09	96 01 1	064 86	4 6 4 0 0	- - - 78	+ 3	+ 1	1.5	- 3.9	1 6	8
	Karachi (A. P.)	000 73	3 25 10	96 01 1	041 85	3 6 4 0 0	- - - 89	000 73	6 27 16	96 03 5	066 81	6 6 4 0 0	- - - 79		—	2.9		3.0	—
	Badin	000 73	0 xx xx	97 00 0	028 90	0 0 9 0 0	- - - 93	000 73	6 xx xx	97 03 1	046 82	0 0 9 0 3	- x - 79	0	+ 1	7.0	+ 1.1	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 79	0 23 14	97 05 4	021 93	0 0 9 0 0	- - - 96	000 77	0 20 16	97 00 0	037 84	0 0 9 0 0	- - - 78	—	—	2.1	—	2.1	—
	Hyderabad	000 70	0 23 05	97 00 0	018 95	0 0 9 0 0	- - - 98	000 72	0 23 07	98 00 0	037 82	0 0 9 0 0	- - - 79	+ 2	+ 1	1.8	- 5.5	2.0	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul							000 51	0 29 02	98 00 9	978 60	0 0 9 0 0	9 0 0 51	—	—	1 0	—	10.0	—
	Jalalabad	000 62	6 13 04	96 03 5	087 35	4 5 6 2 -	- - x 91	000 65	2 00 00	97 01 2	995 70	1 1 6 4 0	2 - 9 67	—	—	0.5	—	0.9	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY THE 27TH AUGUST, 1951.

Division	Station	At 1200 Hrs. G.M.T. of previous day. RRR T_dT_d	N dd	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 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
15	5	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharbar	-	-	-	-	.	.	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	.	.	-	-	-	-	-	-	-	-	-	-	-	6
	Mashed	-	-	-	-	.	.	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	.	.	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 31	0 09 02	97 00 0	084 67	0 0 9 0 0	- - - 89	009 78	0 18 02	96 00 0	058 86	8 0 9 0 0	- - - 78	- 1	—	0	- 0.1	3.3	4
	Sharjah	000 KX	0 01 05	97 00 9	801 03	0 0 9 0 0	- - - 04	000 KX	0 34 05	97 00 0	042 93	0 0 9 0 0	- - - 89	—	—	0	—	1.5	4
	Kuwait																		6

* 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.
(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 $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_Sv_S app	8 $N_sCh_sh_s$	O $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Khoston	18 172	661 06	8 25 15	98 03 1	125 82	81 5 00	6 2 809	—	0 08 78	1 25 25
Yenang Yaung	18 236	601 08	8 18 12	98 03 2	048 88	00 9 49	3 4 116	—	0 00 79	1 19 14
Daressa	18 242	630 06	8 26 13	98 20 2	074 81	52 6 80	6 4 236	—	0 01 75	
City of Little	18 099	700 12	2 31 12	98 01 1	111 83	20 6 60	6 4 603	—	0 00 73	1 20 83
City of Litrie	18 101	697 17	3 33 11	97 03 0	141 81	89 4 09	6 4 XXX	—	0 51 72	1 20 X1
Jalmayar	18 157	684 17	0 19 17	97 00 0	070 72	09 9 00	—	—	—	—
Jersey City	18 223	746 18	0 33 05	98 00 0	113 80	00 9 09	3 4 300	—	0 52 76	1 20 04
Jalarajaindra	18 202	612 18	3 20 21	97 03 2	102 75	—	—	—	—	—
Amstrar	18 157	698 18	2 29 06	98 02 0	127 80	21 4 00	7 8 300	—	0 00 74	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	PrP1h1h1h1	T1T1Td1Td1Tx1 etc.	5555	h1h1P1P1P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi	780 14	002 27	233 60	000 10	272 83	854 89	270 05	780 38	195 14
	509 22	539 97	331 87	789 94	261 06	979 94	855 55	979 78	262 12
	319 00	211 52	358 02	181 55	448 64	270 88	668 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	10	11	20	21	22	1	2	3	4	5	10	1	2	3	4	5	10	11	20
	2	3	4	5	6	7	8	9	12	13	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	21 06	20 06	25 06	25 12	25 11	—	—	—	—	—	20 11	22 12	23 06	23 06	20 10	20 10	23 09	26 11	29 10	—	—	—	—	—
Dhbor	23 03	24 39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23 23	24 23	27 16	29 15	27 24	—	—	—
Chittagong	—	—	—	—	—	—	—	—	—	—	17 23	17 21	19 20	20 18	—	—	17 21	18 23	19 21	23 19	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17 14	18 18	19 13	—	—	—	—	—
Dacca	20 09	21 07	25 05	—	—	—	—	—	—	—	17 07	—	—	—	—	—	23 05	—	—	25 09	26 02	21 21	21 22	—
Daibandin	—	—	26 20	27 09	—	—	—	—	—	—	—	—	26 10	25 12	25 23	—	—	—	—	—	—	22 01	18 02	01 05
Dinaj	—	—	—	—	22 12	19 09	—	—	—	—	—	—	—	—	24 01	07 02	—	—	—	—	—	—	—	27 04
Fort Sandeman	—	—	—	21 07	24 07	20 12	22 13	—	—	—	—	—	—	08 27	01 21	28 05	—	—	—	01 08	06 07	23 12	21 15	—
Fachabad	14 06	04 03	26 06	28 11	26 11	26 09	18 16	26 26	26 33	25 51	20 20	20 20	20 13	20 06	23 06	23 05	19 15	06 04	21 15	23 10	21 10	15 23	20 04	23 17
Jhelum	08 15	01 11	10 04	19 07	23 09	23 11	23 02	27 25	26 33	25 40	26 12	03 09	24 07	23 04	—	—	27 17	26 25	28 19	29 10	24 10	04 06	25 08	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 26	27 19	28 14	—	—	—	—	—	—	—	29 21	26 27	27 27	—	—	—	26 23	26 27	27 23	—	—	—	—	—
Khanpur	20 05	18 07	15 08	15 07	20 05	23 08	23 09	—	—	—	14 10	19 11	20 09	25 08	25 08	25 04	—	—	—	—	—	—	—	—
Lahore	04 06	13 06	16 07	15 08	11 07	23 08	20 25	—	—	—	05 05	05 07	02 07	26 07	26 16	29 17	21 10	21 16	21 13	20 10	20 11	—	—	—
Multan	20 08	21 07	21 07	22 08	19 04	11 04	23 13	26 23	—	—	08 17	08 04	13 04	23 13	22 12	23 14	05 22	03 22	01 20	25 06	23 03	20 17	25 16	10 14
Peshawar	—	10 23	14 12	—	—	—	—	—	—	—	—	23 23	26 02	16 04	25 10	28 14	—	25 04	—	—	24 03	22 11	20 07	20 13
Quetta	—	—	—	27 19	26 13	25 10	23 09	23 10	27 20	26 39	—	—	—	—	25 11	27 05	—	—	—	—	—	18 11	—	—
Bush re	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bhariab	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

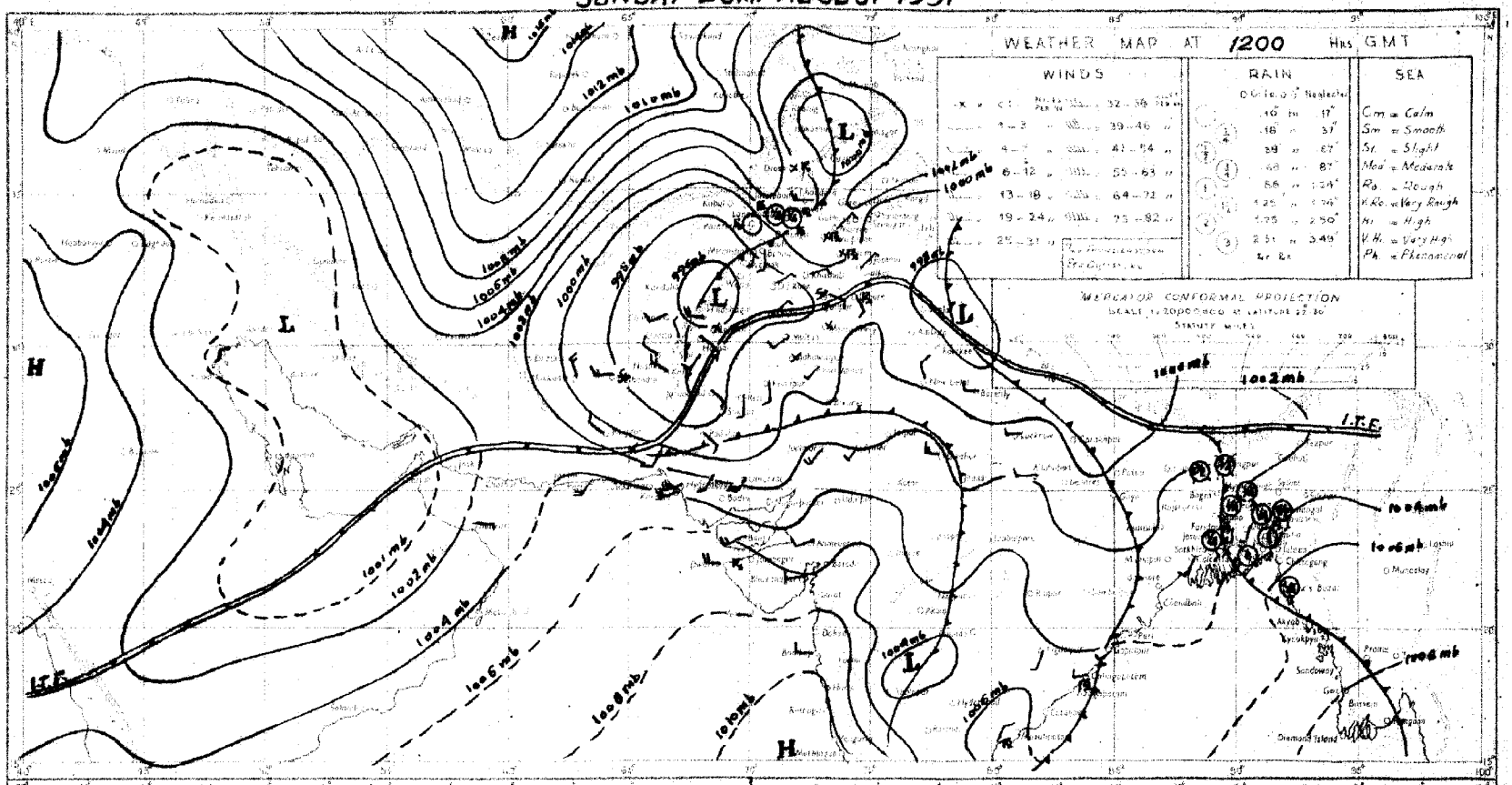
Cloud Observation Data (iiiGG Cddv, v,)

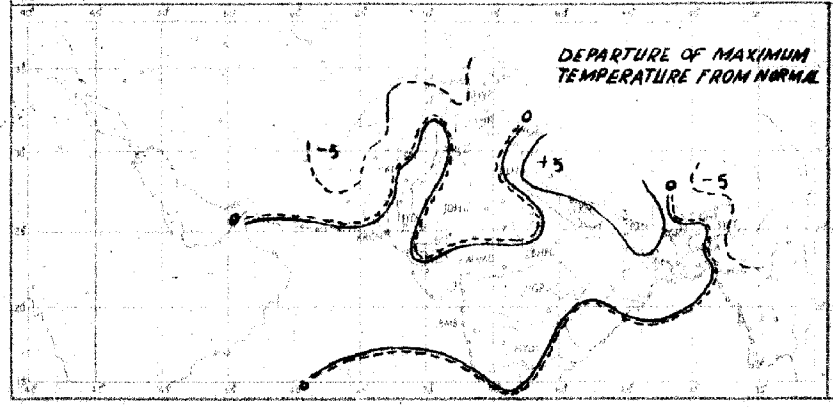
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.2, 0.6, 0.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 km.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

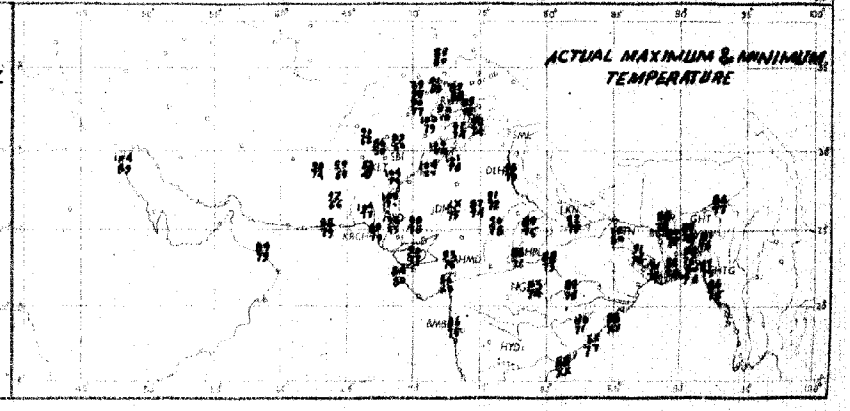
N. P. W.

PAKISTAN DAILY WEATHER MAP

SUNDAY 26th: AUGUST 1951



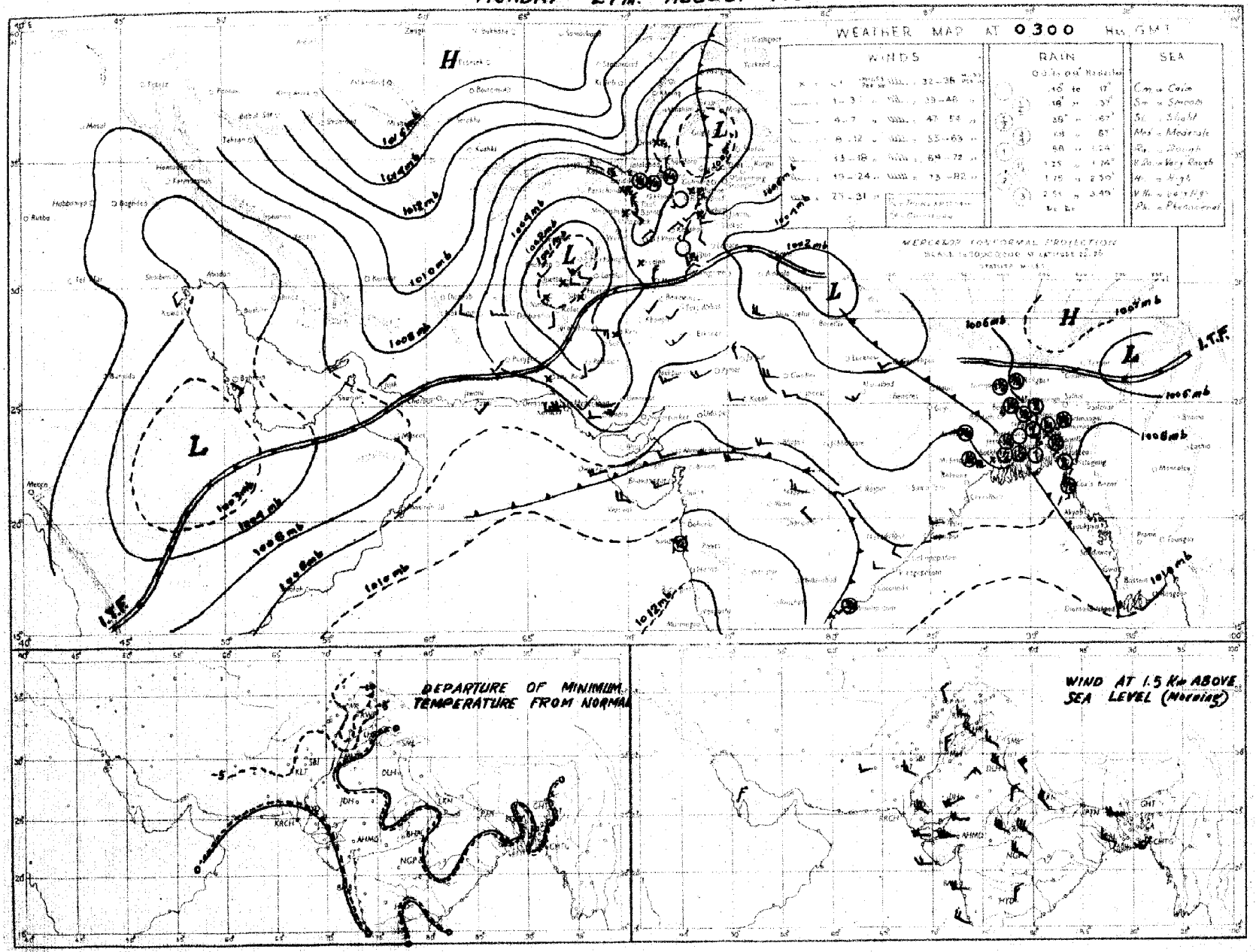




Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

MONDAY 27th AUGUST 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-1467

FOR TUESDAY, THE 28TH AUGUST, 1951

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

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

The low pressure wave over Kashmir moved away estwards.

Seasonal low extends from west Baluchistan to north Iraq across south Iran.

A trough of low extends from east central Bay to north Bay of Bengal.

Fairly widespread rain and a few thunderstorms have occurred in East Pakistan. Scattrred thunderstorm/showers have also been reported from the upper North-West Frontier Province.

Chief amounts of rainfall are :—Barisal 1¼", Narayanganj and Srimangal 1" each, Chittagong and Dinajpur ¾" each, Comilla ½" and Cox's Bazar ¼".

Day temperatures were appreciably to markedly below normal over West Pakistan outside lower Sind.

Forecast valid until the evening of 29th :—Local rain and a few thunderstorms will occur in East Pakistan. Weather will remain dry over West Pakistan.

Karachi-11.
The 28th August, 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	$N_hC_Lh C_MC_H$	$W_tD_ED_MT_xT_x$	$RRRT_dT_d$	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 76	4 18 02	94 02 5	047 82	2 2 6 8 0	- - - 88	028 78	7 09 02	96 03 1	075 84	2 1 7 8 0	- - - 77	+ 2	+ 1	75 3	11 8	85.0	140
	Chittagong	000 79	6 16 05	96 02 1	035 84	4 8 6 7 0	- - - 87	085 78	6 25 09	96 25 1	070 81	8 8 6 9 0	- - - 78	+ 1	0	71 6	+ 11.4	104 0	105
	Comilla	040 77	7 12 02	98 03 6	029 80	7 4 7 0 0	4 0 0 85	040 78	8 18 05	98 01 1	067 82	8 9 7 0 0	9 0 0 79	- 3	+ 2	79 4	+ 28.0	85 0	118
	Brahmanbaria	007 79	7 18 02	96 03 6	023 80	2 5 5 2 0	2 × 0 85	000 79	7 23 02	97 03 1	065 82	7 4 5 2 0	0 × 0 78	—	-	39 0	+ 1 2	48 9	94
	Dacca	××× 79	7 20 02	96 02 9	023 83	× 6 6 7 0	- - - 87	××× 82	8 00 00	97 61 6	059 83	7 4 5 2 -	- - - 77	—	—	—	—	—	78
	Narayanganj	008 78	8 18 02	95 03 6	026 81	8 0 7 2 -	- - - 88	118 79	8 18 02	95 03 6	057 82	4 5 5 2 6	- - - 79	- 5	0	48 3	+ 10.9	67 2	74
	Mymensingh	000 78	8 00 00	99 02 2	028 84	8 4 7 - -	- - - 87	000 73	8 00 00	99 02 2	062 84	8 4 7 - -	- - - 79	0	+ 1	33 4	14 4	41 5	91
	Srimangal	093 77	6 20 02	93 61 6	031 77	6 5 6 - -	- - - 88	101 79	8 00 00	97 03 6	063 79	8 5 5 - -	- - - 76	- 2	0	49.5	+ 5 8	76 0	98
	Khulna	000 87	6 34 02	96 03 2	030 82	6 4 7 0 0	- - - 89	000 79	8 00 00	96 50 2	028 81	8 7 6 -	- - - 79	+ 1	+ 1	34.5	4 9	43 1	68
	Satkhira	000 70	8 00 00	96 00 0	024 84	6 9 7 6 0	- - - 88	000 81	8 00 00	96 20 1	048 82	6 9 6 6 0	- - - 80	—	+ 2	24 6	11 7	38 1	65
	Jessore	000 79	8 18 02	96 02 2	030 83	8 8 6 0 0	- - - 90	000 80	8 00 00	98 03 4	057 88	0 0 9 2 0	5 × 0 78	—	—	24 6	9 9	31 8	65
	Faridpur	000 79	8 20 02	95 02 2	030 83	6 4 6 1 0	- - - 83	000 79	8 13 02	96 02 1	057 83	6 4 6 1 0	- - - 79	- 4	0	55 2	1 4	41.6	71
	Barisal	095 80	8 00 00	97 01 9	029 82	4 4 6 7 -	- - - 87	134 79	8 02 02	96 61 6	062 80	2 5 6 2	- - - 78	0	0	33 5	10 4	44 1	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 80	8 00 00	98 02 2	009 84	8 2 7 - -	- - - 87	000 80	8 13 05	99 02 2	050 83	8 2 7 - -	- - - 80	0	+ 1	38 9	4.5	52.1	64
	Bogra	000 81	3 00 00	96 02 1	015 86	8 0 8 2 0	- - - ××	000 77	8 09 00	96 01 1	053 81	8 5 5 2 ×	- - - 78	—	0	30.2	7 6	87.0	68
	Dinajpur	020 75	8 00 00	96 02 6	016 79	8 4 7 0 0	9 0 0 91	068 79	6 00 00	97 02 2	055 86	0 0 9 2 0	- - 78	+ 2	0	35 7	4 7	40.0	72
	Rangpur	000 ××	6 00 00	96 02 1	-- —	6 5 8 0 0	- - - —	012 ××	8 00 00	96 02 0	— —	8 5 8 0 0	8 0 0 ××	—	—	57 8	+ 11.8	66.6	84
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 63	0 34 02	96 00 0	013 93	0 0 9 0 0	- - - 94	000 66	0 00 00	95 04 0	037 83	0 0 9 0 0	- - - 76	- 3	- 3	6.9	1.5	10 2	12
	Lahore	000 67	0 00 00	97 00 0	014 96	0 0 9 0 0	- - - 94	000 71	0 00 00	95 05 0	044 81	0 0 9 0 0	- - - 72	- 1	- 5	9 9	2.0	14.0	19
	Sialkot	000 71	2 31 02	98 02 1	014 92	2 2 6 0 0	- - - 93	000 67	0 05 02	98 00 0	048 81	0 0 9 0 0	- - - 74	- 1	- 3	13.8	5.5	18.7	32
	Jhelum	000 70	1 20 02	98 03 1	014 92	1 1 7 0 0	9 × × 93	000 69	0 00 00	97 00 0	039 78	0 0 9 0 0	- - - 71	—	—	16 4	—	25 8	—
	Rawalpindi	000 66	0 27 02	99 00 1	022 87	0 0 9 0 0	- 91	000 61	0 00 00	99 00 0	039 79	0 0 9 0 0	- - - 67	- 2	- 7	14 5	4 4	25.8	26
	Murree †	000 51	3 23 03	98 01 1	944 69	3 1 4 0 0	2 × × 71	000 43	0 05 03	98 00 1	956 66	0 0 9 0 0	- - - 58	+ 1	+ 1	18.3	10 9	39 9	59
	Attock	××× ×	0 12 02	98 00 0	— —	0 0 9 0 0	- - - ××	××× ××	0 05 02	98 00 0	— —	0 0 9 0 0	- - - ××	—	—		—		—
	Mianwali	000 72	0 29 02	99 00 0	016 93	0 0 9 0 0	- - - 95	000 73	0 02 02	99 00 0	040 83	0 0 9 0 0	- - - 74	- 4	- 7	2.2	6 5	6 0	15
	Montgomery	000 63	0 00 03	96 00 0	006 93	0 0 9 0 0	- - - 00	000 71	0 16 03	96 00 0	040 87	0 0 9 0 0	- - - 80	0	0	2 5	3.6	6.1	10
	Leiah	000 63	0 31 02	97 00 0	009 99	0 0 9 0 0	- - - 01	000 70	0 00 00	97 00 0	037 87	0 0 9 0 0	- - - 79	—	—	0.9	—	6 5	8
	Multan	000 67	0 36 02	97 00 0	011 97	0 0 9 0 0	- - - 00	000 70	0 00 00	96 00 0	034 89	0 0 9 0 0	- - - 82	+ 2	0	2 5	1.9	5 5	4
	Khanpur	000 89	0 36 08	94 04 0	989 99	0 0 9 0 0	- - 10	000 78	0 21 09	95 05 0	044 82	0 0 9 0 0	- - - 79	+ 7	0	0.3	4.3	1.9	5
	Bahawalpur	000 76	0 28 02	97 00 0	009 97	0 0 9 0 0	- - 98	000 72	0 20 05	97 00 0	030 83	0 0 9 0 0	- - - 79	- 3	0	1.9	2.1	5.0	6
	Fort Abbas	000 89	0 28 08	96 00 0	006 99	0 0 9 0 0	0 × × 00	000 67	0 23 03	96 00 0	982 87	0 0 9 0 0	0 × × 76	—	—	0 9		1.8	8
N. W. F. P.	Drosh *	000 63	0 18 03	99 00 0	006 89			005 45	0 00 00	99 00 0	966 70	0 0 9 0 0	- - - 63		- 7	1.9	—	21.4	18
	Chakdara	000 61	1 13 04	98 01 1	946 79	0 0 9 0 0	- - - 90	000 57	0 29 03	98 00 0	057 73	0 0 9 0 0	- - - 65	—	—	5 9	—	18.2	—
	Cherat *	000 60	2 05 06	97 01 1	015 90	0 0 9 0 1	3 0 × 81	000 58	0 34 04	97 00 0	961 71	0 0 9 0 0	- - - 63	- 4	- 6	5.2	4 9	21.9	29
	Peshawar	005 58	7 12 02	96 02 9	931 70	1 9 6 6 0	- - 91	000 67	0 00 00	97 06 0	058 78	0 0 9 0 0	- - - 71	- 6	- 6	1 3	- 3 2	8.8	14
	Parachinar	000 53	5 11 07	97 25 4	972 85	2 2 2 7 0	4 × 7 ××	005 53	0 00 00	99 00 2	952 66	0 0 9 0 0	8 × × 57	—	- 6	8.9	—	26.4	33
	Miranshah					5 2 6 5 0	- - - 88	000 50	0 00 00	99 00 0	936 75	0 0 9 0 0	- - 71	—	—	3 6	0 1	19.5	13
	Bannu	000 67	0 02 02	96 00 0	015 95			000 62	0 00 09	99 00 0	039 83	0 0 9 0 0	- - - 75		—	3.3	—	5.2	11
	D. I. Khan					0 0 9 0 0	- - - 95	009 78	0 36 02	96 00 0	037 80	0 0 9 0 0	- - - 75	- 5	- 5	3 1	5.5	2.8	9
	Wana																		11
	Landikotal	000 61	1 11 02	99 02 1	918 88	1 4 9 0 0	- - - 86	000 ××	0 00 00	99 00 0	946 78	0 0 9 0 0	- - - 64		—	2 4	—	11.9	—
	Hangu																		-
	Thal							××× ××	0 36 09	98 00 0	— —	0 0 9 0 0	- - - ××	—	—		—	—	-
BALUCHISTAN	Fort Sandeman	000 11	0 27 05	97 05 0	900 91	0 0 9 0 0	- - - 92	000 55	0 00 00	96 05 0	952 72	0 0 9 0 0	- - - 67	- 3	- 4	4 1	- 0.4	10 0	15
	Hindubagh	000 42	0 23 09	96 00 0	920 85	0 0 9 0 0	- - - 87	000 46	0 23 02	98 00 0	953 70	0 0 9 0 0	- - - 60	—	—	0.2	—	8.5	-
	Loralai	000 65	0 13 09	97 00 0	903 86	0 0 9 0 0	- - - 91	000 40	0 13 09	96 00 0	948 72	0 0 9 0 0	- - - 61	—	-	1.7		8 2	—
	Harnai (a)	000 ××	0 13 05	95 00 0	— —	0 0 9 0 0	- - - ××	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - ××	—	—	2.0	- 4.3	10 6	14
	Sibi	000 65	0 23 09	98 00 0	987 93	0 0 9 0 0	- - - 05	000 69	0 00 00	99 00 0	024 87	0 0 9 0 0	- - - 83	—	—	2.3	—	3.8	6
	Quetta †	000 38	0 20 05	98 00 0	941 81	0 0 9 0 0	- - - 87	000 20	0 00 00	98 05 0	950 62	0 0 9 0 0	- - - 46	—	—	0.8	- 0.2	9.2	9
	Chaman	000 29	0 23 03	97 00 0	982 86	0 0 9 0 0	- - - 88	000 33	0 11 02	97 00 0	982 60	0 0 9 0 0	- - - 63	- 7	- 5	0	0 1	9.6	8
	Nushki	000 69	0 33 16	97 00 0	974 94	0 0 9 0 0	- - - 86	000 54	0 11 07	96 00 0	011 82	0 0 9 0 0	- - - 73	—	—	0	—	5 4	—
	Dalbandin *	000 85	0 23 05	94 05 0	930 95	0 0 9 0 0	- - - 96	000 25	0 23 02	94 05 0	955 67	0 0 9 0 0	- - - 62	- 9	- 7	0	0.3	1.8	4
	Nokkundi	000 71	0 34 09	99 00 0	099 97	0 0 9 0 0	- - 98	000 53	0 16 02	99 00 0	052 75	0 0 9 0 0	- - - 71	—	—	0	—	0.9	3
	Kalat †	000 43	0 32 09	98 00 0	951 78	0 0 9 0 0	- - - 81	000 38	0 18 09	98 00 0	964 58	0 0 9 0 0	- - - 52	- 3	- 2	0.7	0.4	9.7	7
	Turbat	000 82	0 29 05	97 00 2	043 80	0 0 9 0 0	- - - 04	000 75	8 18 02	95 08 0	062 79	8 0 6 9 0	8 0 × 77	—	—	0	—	1.4	—
	Panjgur *	000 29	0 31 02	97 00 0	930 92	0 0 9 0 0	- - - 94	000 48	0 05 02	97 00 0	952 65	0 0 9 0 0	- - - 56	- 6	—	0	—	2.2	4
	Las Bela	000 74	0 14 08	98 00 0	028 94	0 0 9 0 0	- - - 08	000 69	0 00 00	99 00 0	057 80	0 0 9 0 0	- - - 67		—	1.6	—	1.7	3
	Ormara																		6
	Pasni	000 72	4 23 12	98 01 1	043 84	0 0 9 4 0	9 × 7 87	000 78	6 00 00	96 02 1	076 80	6 4 5 0 0	9 × × 76	- 1	+ 1	0.8	0 1	4.9	4
	Jiwani																		4
SIND	Reti	000 72	0 13 03	96 00 0	011 02	0 0 9 0 0	- - - 02	000 73	0 18 09	96 00 0	055 80	0 0 9 0 0	- - - 78	—	—	1.7	—	2.3	—
	Jacobabad	000 70	0 16 10	96 00 1	004 93	0 0 9 0 0	- - - 09	000 73	0 31 05	96 00 0	040 84	0 0 9 0 0	- - - 81	- 3	0	1.3	0.8	1.3	4
	Sukkur	000 71	0 ×× ××	98 00 0	998 99	0 0 9 0 0	- - - 00												4
	Padidan	000 56	0 31 02	98 09 0	000 03	0 0 9 0 0	- - - 05	000 71	0 13 05	98 00 0	038 82	0 0 9 0 0	- - - 77	—	—	0.8	—	0.9	
	Karachi (Manora)	000 77	3 35 13	96 01 1	045 84	3 8 4 0 0	- - - 85	000 73	5 31 05	96 02 2	070 79	5 6 4 0 0	- - - 77	0	0	1 5	- 3.0	1 6	8
	Karachi (A. P.)	000 73	4 25 21	97 03 1	044 85	4 6 5 0 0	- - - 89	000 71	7 27 14	96 03 1	073 84	7 6 4 0 0	- - - 77	—	—	2.9		3.0	
	Badin	000 72	0 ×× ××	97 00 1	026 91	0 0 9 0 0	- - - 95	000 72	0 ×× ××	97 00 0	066 81	0 0 9 0 0	- - - 78	+ 3	0	7.0	+ 1.0	7.0	9
	Nagarparkar																		
	Chhor (Umerkot)	000 80	0 20 12	97 00 0	018 95	0 0 9 0 0	- - - 99	000 76	0 20 14	97 00 0	054 82	0 0 9 0 0	- - - 77	—	—	2.1	—	2.1	
	Hyderabad	000 80	0 25 09	97 00 0	015 93	0 0 9 0 0	- - - 01	000 71	0 23 09	96 00 0	049 82	0 0 9 0 0	- - - 78	+ 5	0	1.8	- 3.6	2.0	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul	000 38	2 00 00	98 01 1	058 80	1 8 8 7 0	- - - 63	000 37	0 29 05	98 00 0	985 58	0 0 9 0 0	- - - 51	—	—	0	—	0.0	—
	Jalalabad	000 68	2 09 02	97 02 1	987 91	0 0 9 7 0	8 × 9 91	000 64	1 00 00	97 01 1	993 76	1 1 6 0 0	8 × × 69	—	—	0.5	—	6.0	—
	Kandahar	000 71	0 00 00	98 00 0	908 91	0 0 9 0 0	- - - 98	000 51	0 00 00	97 00 0	023 60	0 0 9 0 0	- - - 51	—	—	0	—	19.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY THE 28TH AUGUST, 1951.

Division	STATIONS	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VV ww W	PP PTT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_x T_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_S D_M T_x T_n$	Departure from Normal T_x	T_n	Rainfall Since 1st June 51 to date	Departure from normal	Since 1st Jan. 51 to date	Annual Normal
13	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charba:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Bank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Mashez	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 20	0 13 02	97 00	0 037 86	0 0 0 0 0	- - - 91	000 32	2 18 02	96 00	0 057 86	0 0 0 1 0	- - - xx	+ 1	—	0	- 0.1	3.9	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 00 00	97 00	0 037 01	0 0 0 0 0	- - - 01	000 xx	0 27 03	97 00	0 028 93	0 0 0 0 0	- - - 89	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre : 3,350-4,256 feet according to latitude.
† Barometer readings reduced to 5 geodynamic Kilometre : 6,699-6,715 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	$N_h C_L h C_M C_H$	$D_s v_s$ spp	8 $N_s C h_s h_s$	O $T_s T_s T_d T_d$	$1 d_w d_w P_w H_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalanayar	23 140	515 00	0 20 14	98 00 0	065 79	00 0 00				
Moultan	23 176	675 00	6 25 13	96 01 2	101 80	61 5 00	6 5 200		0 01 74	
Amastra	23 170	685 06	2 28 06	98 01 1	126 82	21 5 00	7 4 110		0 01 75	
Jersey City	23 180	765 08	5 01 09	98 01 2	107 82	51 7 40	8 4 300		0 12 78	1 09 03
Moultan	25 178	680 06	6 15 15	95 02 2	128 81	82 5 03	6 5 203		0 02 78	
City of Little	23 104	685 06	2 29 09	98 02 0	143 85	21 5 40	6 4 500		0 02 78	1 30 21
Yenang Yaung	23 211	632 06	2 21 16	96 02 2	101 80	81 6 00	8 8 111		0 01 74	1 21 24
Jalanayar	23 148	528 06	0 18 20	97 00 0	090 76	80 9 00				
Jalanayar	25 150	560 18	0 18 07	98 00 0	092 76	00 9 00				
Khosron	23 169	612 18	0 24 14	96 02 2	116 09	09 9 00	6 3 185		0 02 76	1 25 22
City of Little	23 111	640 06	2 27 07	98 02 0	136 82	82 4 80	1 4 330		0 51 78	1 27 21
Yenang Yaung	25 005	640 12	7 21 21	98 02 1	070 82	62 8 60	2 4 114		0 02 76	1 22 25
Moultan	23 170	646 12	7 24 15	98 02 1	100 80	71 5 00	6 5 503		0 11 78	
Jalanajindra	23 170	575 12	7 20 21	97 02 2	064 72					
Khosron	23 165	620 12	8 24 20	98 02 2	108 81	88 5 00	6 3 615		0 02 74	1 25 24
BAY OF BENGAL										
Birdhana	22 100	017 12	2 25 18	98 15 2	060 80	47 4 20	7 5 403	8 7 596	0 00 77	1 25 24

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE:—	iiiGG	$P_0P_0P_0T_0T_0$	$T_{do}T_{do}T_{xo}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ 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 ...	788 14	002 27 241 60	000 13 232 41	854 79 240 17	700 24 105 25	509 16	529 90 891 98	769 91	555 55 159 58	199 91 259 25	199 91 319 09	231 35 438 69	260 34 658 09	205 31 256 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. ←										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	18	19	20	21	22	23	24	25
Bagra	18 04	22 03	29 05	27 10	25 11	—	—	—	—	—	18 17	21 17	—	—	—	—	25 15	23 23	25 14	23 09	21 23	21 21	—	—
Chhar	23 17	23 25	21 26	24 10													16 10	20 10	21 06	—	—	—	—	—
Chittagong	21 16	22 18	21 14	22 10	22 18	25 11	—	—	—	—	—	—	—	—	—	—	16 12	14 06	13 05	26 05	25 04	25 10	19 08	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	17 12	17 15	15 15	20 09	—	—	21 05	22 04	—	—	—	—	—	—
Dacca	18 06	19 06	14 06	21 05	—	—	—	—	—	—	17 11	21 10	23 15	26 04	29 05	—	—	—	03 05	06 05	12 05	20 07	25 12	25 11
Dalbandin	—	—	25 15	26 15	27 15	25 13	—	—	—	—	—	—	11 15	09 19	10 11	—	—	—	—	—	—	—	—	—
Drosr	—	—	—	—	18 03	20 12	25 04	—	—	—	—	—	—	—	23 02	21 04	—	—	—	—	04 01	04 05	01 05	—
Port Sandeman	—	—	24 03	25 05	21 15	20 09	—	—	—	—	—	—	—	05 06	22 09	23 15	—	—	—	25 03	28 05	30 10	26 12	—
Sacro babac	16 11	11 19	09 06	08 09	25 04	28 07	28 12	25 21	21 23	21 21	07 05	15 04	15 06	23 04	28 04	26 23	25 01	05 02	12 02	24 06	24 04	31 01	11 13	25 11
Jhelum	—	—	—	—	—	—	—	—	—	—	22 13	21 11	23 15	20 08	28 05	21 04	27 05	26 06	23 11	20 07	27 06	25 05	21 17	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	27 19	27 19	27 22	—	—	—	—	—	—	—	25 20	26 20	25 20	25 14	29 09	25 15	27 10	27 22	27 17	29 11	28 19	—	—	21 13
Khanpur	03 08	12 03	14 04	11 07	14 08	20 04	26 07	29 24	—	—	13 09	17 13	17 18	19 13	18 12	19 15	20 19	27 04	27 04	27 07	24 09	18 02	05 18	—
Lahore	03 08	01 08	26 08	24 04	26 11	27 23	26 26	27 27	—	—	29 07	29 07	27 11	29 11	23 04	23 05	23 02	21 19	21 19	20 12	22 15	26 09	—	—
Multan	06 08	04 07	04 07	11 06	24 07	29 10	—	—	—	—	01 08	26 01	25 01	02 09	—	—	19 05	22 10	26 12	26 10	26 23	—	—	—
Peshawar	—	11 03	05 05	24 04	29 04	31 12	30 14	31 18	26 22	28 28	—	—	03 06	06 04	26 03	20 10	20 15	—	—	23 08	24 04	—	21 06	21 04
Quetta	—	—	—	—	26 07	24 09	25 03	29 01	—	—	—	—	—	—	—	19 07	25 27	—	—	—	—	21 06	25 10	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

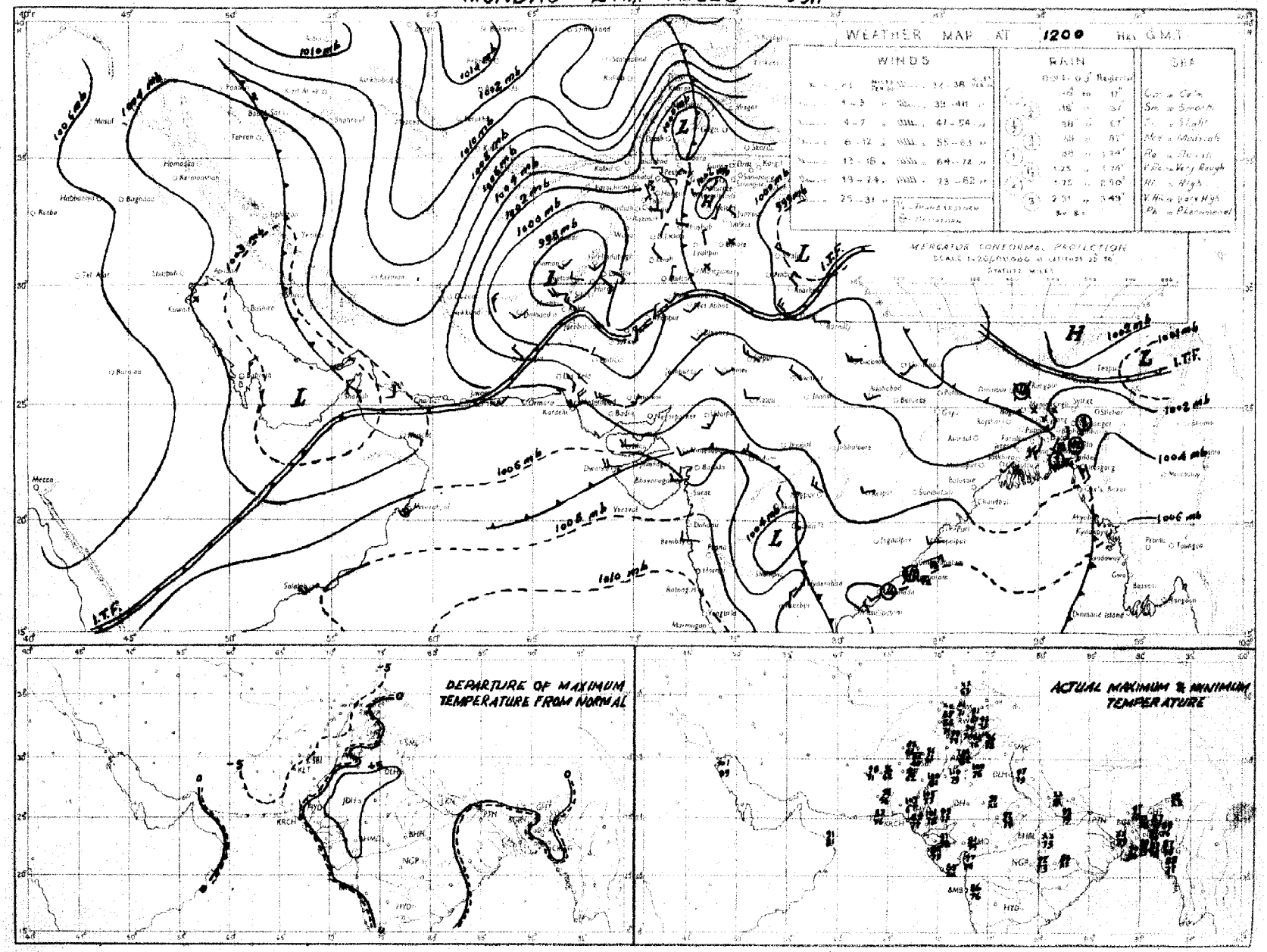
Cloud Observation Data (iiiGG Cddv, v,)

* 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 w nds relate are 0.5, 0.6, 0.8, 1.0, 1.2, 1.5, 2.1, 3.0 4.0 5.0, 7.0, and 9.0 kms. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

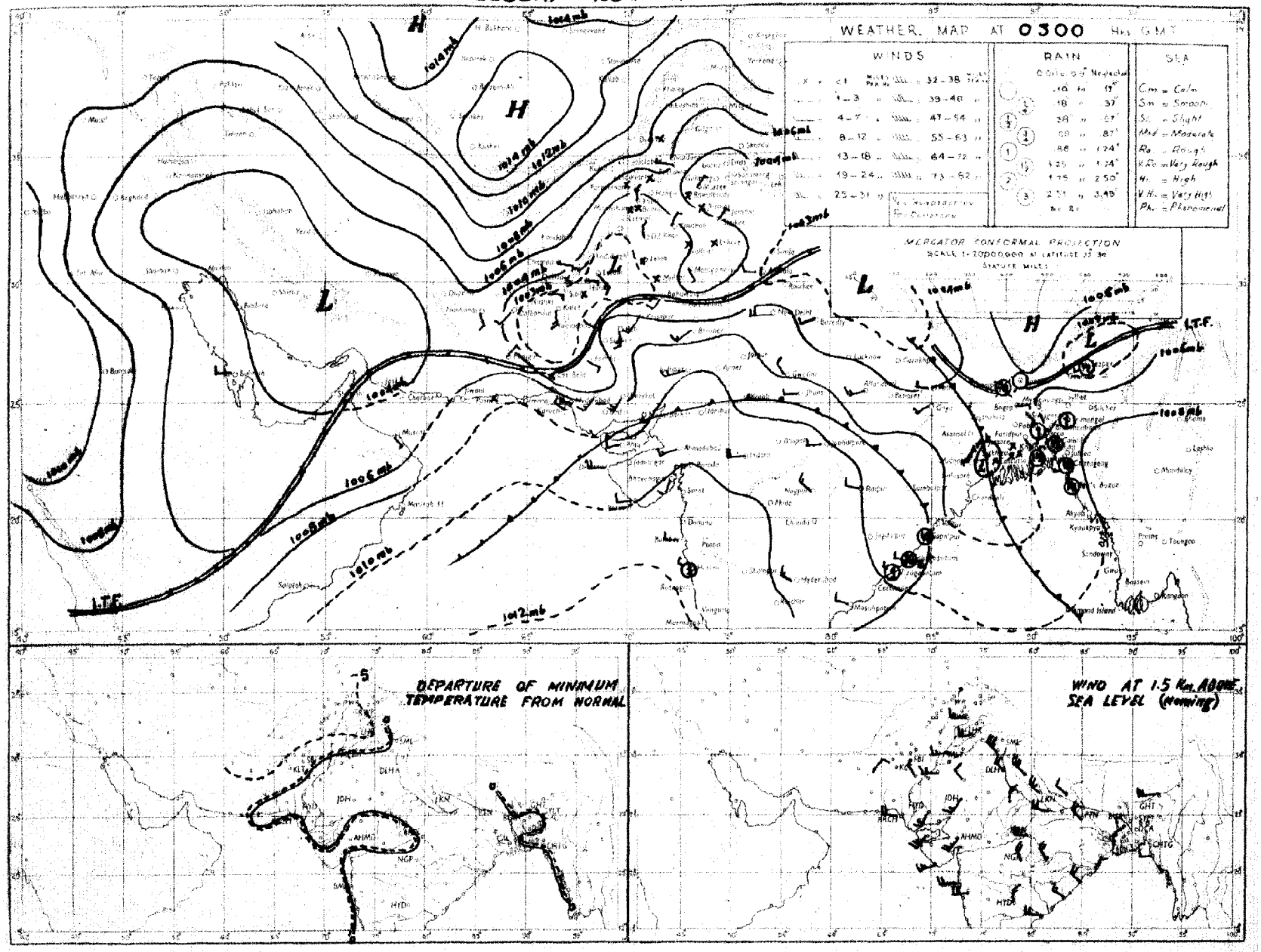
MONDAY 27th. AUGUST 1951.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 28th AUGUST 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-1467

FOR WEDNESDAY, THE 29TH AUGUST, 1951

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

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

A well marked trough of low lies in the north Bay of Bengal.

Seasonal low extends from north Baluchistan to Iraq across South Iran.

Local rain has occurred in East Pakistan. Isolated dust/thunderstorms has also occurred in North Baluchistan and the upper North-West Frontier Province. Chittagong, Comila and Bogra reported ½" rain each.

Day temperatures were generally appreciably above normal in East Pakistan, the Punjab and lower Sind and generally appreciably below normal elsewhere in West Pakistan.

Forecast valid until the evening of 30th :—Local rain/thunderstorms will occur in East Pakistan. Weather will remain dry over West Pakistan.

Karachi-11.
The 29th August, 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	$N_hC_Lh\,C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_tD_sD_MT_nT_n$	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 78	4 18 02	95 01 1	035 84	2 8 6 3 1	- x x 90	000 78	6 18 03	96 02 5	072 88	2 5 7 8 0	- - x 78	+ 4	+ 2	75 3	- 17 6	85.0	140
	Chittagong	000 78	6 20 07	96 03 1	025 84	5 4 1 4 3	x x 87	053 78	7 09 02	96 03 6	069 82	5 8 6 7 0	- - x 78	+ 1	+ 2	75.2	+ 11.3	104 0	105
	Comilla	000 78	7 18 05	95 03 1	024 84	7 4 7 0 0	- - 84	045 77	8 18 02	95 05 1	069 80	8 4 7 - -	- - - 79	4	+ 2	79 9	+ 27.9	85 4	118
	Brahmanbaria	000 79	6 12 02	97 03 1	027 86	6 4 5 0 0	- - - 89	000 80	7 18 02	97 03 1	068 83	7 4 7 3 0	- - 4 80	—	—	39 0	+ 1 0	48 9	94
	Dacca	xxx 81	8 23 02	97 02 6	019 85	3 3 5 7	- - x 89	xxx 79	8 13 02	98 61 6	061 84	3 5 5 2 -	- - x 79			—		—	78
	Narayanganj	098 79	8 00 00	95 03 2	015 87	8 0 7 2	- - x 90	000 81	8 16 03	95 03 2	060 85	8 5 5 -	- - 81	+ 2	+ 2	48 3	+ 10 5	67 2	74
	Mymensingh	000 78	8 00 00	99 02 2	026 84	2 4 7 - -	- - - 86	005 79	8 00 00	98 02 6	053 81	8 4 7	- - - 78	1	0	33 5	- 14 8	41 6	91
	Srimangal	001 89	8 00 00	96 02 6	025 83	8 5 6 - -	- - - 88	003 79	7 00 00	97 02 6	070 81	5 6 6 3 0	- - x 78	2	+ 2	49.5	- 8 3	76 0	98
	Khulna	000 79	4 13 03	96 00 0	025 85	6 4 7 0 0	- - 92	000 81	2 09 02	96 01 1	065 85	2 8 8 2 0	- - x 80	+ 4	+ 2	24.8	- 5.8	48 1	68
	Satkhira	000 80	8 xx xx	96 08 1	023 88	6 9 4 6 0	- - x 93	000 81	8 xx xx	97 08 1	056 84	6 9 7 6 0	- - x 80	+ 4	+ 2	24 6	12 1	33 1	65
	Jessore							000 80	0 00 00	96 03 2	058 84	0 0 9 2 0	- - - 79		—	24 6	10 2	31.3	65
	Faridpur	000 79	8 16 05	96 02 6	017 83	3 4 6 1 0	- - x 83	005 81	8 18 05	96 02 2	068 84	6 4 1 0	- - x 80	4	+ 2	35 2	- 1.7	41.6	71
	Barisal	008 80	7 13 02	97 01 6	024 86	8 4 6 2 8	- x x 89	003 82	8 00 00	97 03 6	066 84	8 4 6 2 7	- x x 80	+ 2	+ 2	34 6	10 9	44 2	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 81	8 00 00	98 02 2	008 85	8 2 8 - -	- - - 88	000 80	8 00 00	98 02 2	050 84	8 2 7 - -	- - - 80	+ 1	1	38.0	+ 4 1	52 1	64
	Bogra	000 79	3 00 00	96 02 1	010 89	8 2 7 2 x	- - x 92	062 80	7 11 02	96 00 0	034 84	2 3 5 0 6	- x - 77	+ 4	1	30.8	7.8	37.7	69
	Dinajpur	000 77	8 00 00	97 02 2	024 87	0 0 9 0 0	- - - 92	000 78	8 00 00	97 02 2	064 82	8 4 7 - -	- - 79	+ 3	+ 1	55 7	5 1	40.0	72
	Rangpur	037 xx	8 00 00	98 02 6	—	8 5 8 - -	- - - xx	059 xx	8 00 00	96 02 6	—	8 5 5 0 2	- x - xx		—	57 0	+ 11.4	67 2	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 67	1 34 02	95 01 0	007 97	0 0 9 2 0	- - - 99	000 70	0 20 02	96 04 0	027 83	0 0 9 0 0	- - - 78	+ 2	- 1	5.9	1 0	10 2	13
	Lahore	000 63	9 31 05	96 00 0	011 97	0 0 9 0 0	- - - 99	000 69	0 00 00	96 00 0	038 87	0 0 9 0 0	- - - 76	+ 2	- 1	9 9	2 1	14.0	19
	Sialkot	000 68	2 31 04	97 01 1	012 94	2 4 6 0 0	- - - 95	000 72	0 00 00	97 00 0	041 81	0 0 9 0 0	- - - 75	+ 1	- 2	13.8	5.7	18.7	32
	Jhelum	000 71	0 20 02	98 00 0	007 93	0 0 9 0 0	- - - 96	000 72	0 00 00	96 00 0	037 81	0 0 9 0 0	- - - 72	—	—	16.4	-	25 8	—
	Rawalpindi	000 66	0 27 02	99 00 0	014 90	0 0 9 0 0	- - - 98	000 64	0 00 00	99 00 0	038 78	0 0 9 0 0	- - - 68	0	- 6	14 5	4 6	25.8	36
	Murree †	000 62	0 29 02	99 00 6	050 72	0 0 9 0 0	- - - 74	000 40	0 09 03	95 00 0	950 68	0 0 9 0 0	- - - 58	+ 4	- 4	18.3	11 2	39 9	59
	Attock	xxx xx	0 16 05	98 00 0	—	0 0 9 0 0	- - - —	xxx xx	0 00 00	98 00 0	—	0 0 9 0 0	- - - xx	—	—		—		—
	Khushab	000 75	0 13 05	98 00 0	012 98	0 0 9 0 0	- - - 00	000 75	0 11 02	98 00 0	029 59	0 0 9 0 0	- - - 78	+ 1	- 3	2.2	6 6	7 9	17
	Montgomery	000 72	0 00 03	96 00 0	097 02	0 0 9 0 0	- - - 04	000 67	0 13 02	97 00 0	034 87	0 0 9 0 0	- - - 78	+ 4	- 2	2 5	3.6	6.1	10
	Leiah	000 67	0 23 02	97 00 0	003 02	0 0 9 0 0	- 05	000 72	0 27 02	97 00 0	029 85	0 0 9 0 0	- - - 77	—	—	0.9		6 6	8
	Multan	000 69	0 18 02	97 00 0	010 99	0 0 9 0 0	- - - 01	000 72	0 18 05	96 00 0	034 85	0 0 9 0 0	- - - 80	+ 3	0	2 5	1 9	5 5	4
	Khanpur	000 73	0 23 05	95 05 0	079 98	0 0 9 0 0	- - 04	000 72	0 23 05	95 05 0	004 81	0 0 9 0 0	- - - 78	+ 1	- 1	0.8	- 4.8	1.9	6
	Bahawalpur	000 70	0 27 07	97 00 0	007 01	0 0 9 0 0	- - 02	000 73	0 20 09	97 00 0	039 84	0 0 9 0 0	- - - 80	+ 1	+ 1	1 9	2 1	4 9	6
	Fort Abbas	000 92	0 23 08	96 00 0	001 02	0 0 9 0 0	0 x x 03	000 66	0 23 03	96 00 0	037 86	0 0 9 0 0	0 x x 75	—	—	0 9		1.8	8
N. W. F. P.	Drosh *	000 84	8 25 10	98 03 1	022 83	5 9 8 1 0	3 x 9 88	000 41	0 00 00	99 90 0	967 71	0 0 9 0 0	- - - 66	5	- 4	1 1	—	21.4	18
	Chakdara	000 65	0 18 03	99 00 0	095 93	0 0 9 8 0	- - 94	000 55	0 34 05	98 00 0	047 76	0 0 9 0 0	- - - 66	—	—	5 9	—	19.3	—
	Cherat *	000 60	4 28 02	98 01 1	043 81	0 0 9 0 8	8 6 x 85	000 69	0 00 00	97 00 0	958 72	0 0 9 0 0	- - - 63	0	- 6	5.2	- 4 8	27.3	22
	Peshawar	000 59	2 00 00	97 01 1	012 94	2 2 6 0 0	95	000 68	0 00 00	97 96 0	030 80	0 0 9 0 0	- - - 71	2	- 6	1.3	- 8 x	8.6	14
	Parachinar	000 47	6 23 02	96 02 2	045 76	2 2 7 6 0	5 x 7 80	000 54	0 00 00	99 00 9	956 66	0 0 9 0 0	- - - 59	5	- 4	8.9	—	26.4	20
	Miranshah	000 61	5 00 05	98 28 4	917 91	3 0 8 3 2	- - - 92	000 60	0 00 00	29 00 0	986 81	0 0 9 0 0	- - 75			3 6	0 1	10.5	18
	Bannu	000 60	0 12 02	98 00 0	004 96	0 0 9 0 0	- - - 98	000 69	0 31 03	99 00 0	027 80	0 0 9 0 0	- - - 77	—	—	3.3	—	8.2	11
	D. I. Khan	000 57	0 02 02	95 00 0	097 99	0 0 9 0 0	- - - 00	000 72	0 00 00	96 00 0	040 82	0 0 9 0 0	- - - 72	0	- 5	1 1	5.6	2.8	9
	Wana																		11
	Landikotal	000 62	2 13 03	98 02 0	926 93	2 4 6 0 0	- - - 92	000 59	0 00 00	99 00 0	938 78	0 0 9 0 0	- - - 68		—	2 4	—	11.9	—
	Hangu																		—
	Thall	xxx xx	2 18 09	93 01 1	—	2 8 6 0 0	- - - —	xxx xx	0 05 09	99 00 0	—	0 0 9 0 0	- - - xx	—	—		—	—	—
BALUCHISTAN	Fort Sandeman	000 82	0 28 06	97 05 3	890 93	0 0 9 0 0	- - - 94	000 42	0 00 00	97 05 0	953 74	0 0 9 0 0	- - - 68	- 1	- 3	4.1	- 0.5	10 0	12
	Hindubagh	000 41	0 27 05	96 00 0	969 91	0 0 9 0 0	- - - 94	000 50	0 23 05	98 00 0	957 70	0 0 9 0 0	- - - 57		—	0.2	—	5.5	—
	Loralai	000 70	0 12 05	96 00 0	913 87	0 0 9 0 0	- - - 89	000 53	0 23 02	96 00 0	842 70	0 0 9 0 0	- - - 60	—		1.7		8 2	—
	Harnai (a)	000 xx	0 13 02	95 00 0	—	0 0 9 0 0	- - - —	000 xx	0 23 02	94 00 0	—	0 0 9 0 0	- - - xx		—	2 0	- 4.4	10.6	14
	Sibi	000 48	0 23 05	98 00 0	993 07	0 0 9 0 0	- - - 07	000 65	0 13 09	98 00 0	030 85	0 0 9 0 0	- - - 32	—	—	2.2	—	3 3	5
	Quetta †	000 31	0 03 06	99 00 0	943 85	0 0 9 0 0	- - - 88	000 44	0 00 00	98 10 0	947 62	0 0 9 0 0	- - - 48	—	—	0.8	0.5	9.3	9
	Chaman	000 11	0 31 03	97 00 0	029 90	0 0 9 0 0	- - - 92	000 31	0 11 02	97 00 0	949 79	0 0 9 0 0	- - - 64	3	- 4	0	0 1	9.6	8
	Nushki	000 18	0 25 05	97 00 0	966 95	0 0 9 0 0	- - - 97	000 28	0 09 07	97 00 0	011 81	0 0 9 0 0	- - - 69		—	0	—	5 4	—
	Dalbandin *	000 40	0 27 05	94 05 0	028 99	0 0 9 0 0	- - - 00	000 46	0 00 00	94 05 0	059 72	0 0 9 0 0	- - - 62	5	- 7	0	0.3	1.8	4
	Nokkundi	000 50	0 24 03	99 00 0	970 01	0 0 9 0 0	- - 04	000 47	0 22 05	99 00 0	045 78	0 0 9 0 0	- - - 71	—	—	0	—	0.9	3
	Kalat †	000 51	0 00 00	98 00 0	951 82	0 0 9 0 0	- - - 83	000 36	0 18 06	96 00 0	971 58	0 0 9 0 0	- - - 51	1	- 3	0.7	0.4	9.7	7
	Turbat							000 75	8 16 02	95 02 2	085 89	8 0 6 9 0	0 0 x 79	—		0	—	1.4	—
	Panjgur *	000 11	0 31 03	97 00 0	922 96	0 0 9 0 0	- - - 98	000 31	0 05 02	97 00 0	955 69	0 0 9 0 0	- - - 63	2	- 9	0		3.3	5
	Las Bela	000 77	0 14 06	98 00 0	022 94	0 0 9 0 0	- - - 03	000 75	0 00 00	99 00 0	053 84	0 0 9 0 0	- - - 69		—	1 6	—	1.7	5
	Ormara																		6
	Pasni	000 76	2 28 10	97 01 1	043 84	0 0 9 3 0	- - - 86	000 74	6 13 05	96 02 1	077 78	6 4 5 0 0	- - - 79	0	+ 2	0 8	0 1	4.9	6
	Jiwani																		4
SIND	Reti	000 71	0 18 02	96 00 0	019 04	0 0 9 0 0	- - - 03	000 75	0 18 05	96 00 0	047 79	0 0 9 0 0	- - - 77	—		1.7	—	2.3	—
	Jacobabad	000 63	0 18 07	96 00 0	005 01	0 0 9 0 0	- - - 02	000 69	0 16 02	96 00 0	045 80	0 0 9 0 0	- - - 69	- 1	13	1.3	0.8	1.3	4
	Sukkur	000 73	0 xx xx	96 00 0	006 03	0 0 3 0 0	- - - 04	000 72	0 xx xx	96 00 0	032 78	0 0 9 0 0	- - - 78			0.5		1.0	4
	Pad Idan	000 63	1 16 05	96 01 0	010 03	1 1 7 0 0	- - - 03	000 63	0 13 09	99 00 1	036 79	0 0 9 0 0	- - - 75	—	-	0.8	—	0.9	
	Karachi (Manora)	000 76	8 25 09	97 01 1	045 83	8 6 4 0 0	- - - 85	000 72	6 27 05	96 02 2	071 79	6 4 4 0 0	- - - 78	0	0	1 5	- 3 0	1 6	8
	Karachi (A. P.)	000 71	4 25 17	97 02 1	047 85	4 6 4 0 0	- - - 89	000 72	6 27 09	96 08 1	072 79	6 5 5 0 0	- - - 77	—	—	2.9		3.0	
	Badin	000 71	0 xx xx	97 00 0	029 92	0 0 9 0 0	- - - 05	000 73	0 xx xx	97 00 0	066 87	0 0 9 0 0	- - - 72	+ 2	+ 9	7.0	+ 0.9	7.0	8
	Nagarparkar																		
	Chhor (Umarkot)	000 80	0 25 07	97 00 0	024 97	0 0 9 0 0	- - - 98	000 77	2 20 10	97 00 0	039 83	0 0 9 0 2	- x - 76	—	—	2.1	—	2.1	
	Hyderabad	000 68	0 23 07	97 00 0	020 97	0 0 9 0 0	- - - 00	000 71	0 23 09	97 00 0	031 80	0 0 9 0 0	- - - 77	+ 4	- 1	1.8	- 3 0	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul							000 37	0 34 02	98 00 0	985 60	0 0 9 0 0	- - - 55		—	0	—	0.9	—
	Jalalabad	000 57	2 06 00	97 01 1	987 94	0 0 9 7 0	3 x 9 08	000 72	0 00 00	98 07 1	993 75	0 0 9 0 0	0 x x 70	—	—	0.5	—	6.9	—
	Kandahar	000 71	0 00 00	98 00 0	890 93	0 0 9 0 0	- - - 97	000 54	0 00 00	97 00 0	910 68	0 0 9 0 0	- - - 40	—	—	0	—	10.4	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY THE 29TH AUGUST, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_WD_WT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_WD_WT_nT_n$	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	Gwadar	..	-	-	-	.	.	..	.	.	.	.	.	-	-	-	-	-	4
	Jask		-	-	-				.			.	.	-	-				6
	Mashed		-	-	-				.			.	.	-	-				10
	Bushire		-	-	-				.			.	.	-	-				11
Arabia	Muscat	000 81	0 09 02	97 00 0	022 85	0 0 9 0 0	- - - 00	000 84	0 00 00	96 00 0	052 89	0 0 9 0 0	- - - 80	0	- 8	0	- 0.1	8.3	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	Kuwait	000 xx	0 27 02	97 00 0	025 00	0 9 9 0 0	- - - 00	000 xx	0 29 07	97 00 0	xxx xx	0 0 0 0 0	- - - 88	-	-	0	-	1.5	1

* Barometer readings reduced to 1 geodynamic Kilometre 2,850-2,856 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 (10,949-10, 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 $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sv_s app	8 $N_sCh_sh_s$	0 $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Lilly	33 113	028 00	0 25 09	99 00 0	113 80	00 9 00	6 4 610	--	0 52 73	1 27 xx
Thelconus	33 218	598 04	4 20 12	99 08 0	086 74	00 9 10	5 5 888	--	0 08 69	1 20 x2
Umaria	33 161	729 06	6 28 08	97 01 2	151 83	66 6 1x	--	--	--	--
Flying Clipper	33 241	862 06	6 28 11	98 08 1	091 92	48 8 70	2 5 302	-	0 00 80	1 22 31
Yenang Taung	33 188	664 04	8 25 10	96 25 2	126 80	57 6 00	3 4 116	--	0 00 73	1 23 13
City of Lilly	33 117	618 06	4 25 12	98 08 0	138 84	32 4 02	6 4 110	--	0 03 74	1 27 21
Jalamayur	33 155	576 06	7 23 23	98 03 1	107 80	71 8 xx	--	--	--	--
Khosrou	33 159	591 12	0 23 16	98 00 1	100 81	00 9 00	6 3 615	--	0 03 74	1 28 24
Umaria	33 151	782 12	6 28 09	98 02 1	098 86	42 6 09	--	--	--	--
Pastur	33 084	736 12	2 24 12	98 02 0	048 92	21 7 00	6 3 000	--	0 51 -x	1 22 x2
Yenang Yaung	33 179	672 12	2 26 16	98 01 1	080 84	26 6 00	3 4 500	--	0 03 77	1 24 23
Kertosono	33 020	662 18	8 30 08	98 18 0	113 82	21 6 00	6 4 817	--	0 51 73	1 30 28
Pastour	33 088	702 18	2 30 12	97 08 1	098 81	00 9 30	6 3 325	--	0 51 xx	1 30 x3
Jalarajindra	33 155	523 02	8 28 18	95 02 2	084 72	--	--	--	--	--
Jalamoyr	33 159	586 12	1 20 19	88 01 1	086 81	00 7 40	--	--	--	--
BAY OF BENGAL										
City of Lilly	33 153	884 06	6 22 12	99 02 0	098 85	52 8 65	1 5 005	--	0 00 81	--
Bombay	38 062	891 12	0 14 13	99 02 1	105 82	62 7 21	7 4 800	--	--	--

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 27 972 28 000 16	282 28 854 84	280 26 700 31	130 05 509 24	509 91 332 19 749 91	555 55	329 09 201 62	438 65 248 51 498 09 200 27 456 09 006 51 925 02 009 80 514 09

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 (Hdddff)*

STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ↔ 1	2	3	4	5	10	15	20	25	30	2100 hrs. G. M. T. of previous day † Height in Thousands of Feet †† 1	2	3	4	5	10	At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ↔ 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	18	19	20	21	22	23	24	25
Bolra	20 05	21 04	25 04	20 12							18 16	20 16	20 09	28 10			28 08	25 10	27 07	30 09	14 18			
Dhaor	28 15	22 15	21 15	13 06	05 04	28 05	23 06	24 05	25 09								28 10	23 11	24 11	32 21	30 11	21 28		
Chittagong	22 05	21 09	19 09	15 07	21 01	20 08	22 10										18 10	15 11	14 07	33 06	01 05	08 08	17 04	13 11
Cox's Bazar	19 15	19 12	18 07	15 06	15 05	24 05	20 07				14 11	18 08	18 06	20 05			14 08	14 11	14 09					
Dacca	10 06	10 04	36 05	32 02							21 05	22 06	23 05	32 04			22 02	28 01	29 02					
Dalmandir			31 05	20 02	20 04	32 11	26 08						26 10	26 15	27 07	27 18			02 06	05 07	11 04	24 08	32 20	20 07
Dinaj					32 16	22 06	17 13	26 12							08 01	24 03					21 05	01 05	01 15	20 08
Fort Sandeman				29 04	24 04	20 11	21 09	27 15							11 21	29 18				25 05	21 08	21 17	18 06	27 08
Jacobabad	16 06	13 06	07 04	05 04	04 07	34 03	17 03	30 04	29 17	25 29					08 08		17 06	15 05	17 06	24 05	17 07	11 07	08 10	
Jhelum	25 04	29 04	28 06	24 06	30 07	31 11	31 10	28 19	28 24		21 14	21 13	21 10	21 08	08 08		18 01	28 03	33 04	33 12	32 10	29 14	32 14	
Jiwani											28 03	30 10	30 15	30 15	28 07									
Karachi	26 18	27 10	27 15														27 13	27 19	27 15					
Khanpur	18 04	18 08	17 02	21 02	27 05	31 06	28 05	26 15	28 28		26 16	26 19	26 20	26 20	28 08		25 23	24 24	26 24	31 18				
Lahore	21 07	27 05	30 07	28 07	28 10	31 10	34 15	28 13	26 24	25 42	25 28	29 21	24 19	31 14	31 15	98 07	26 29	26 24	27 04	31 08	30 15	30 19	31 16	30 24
Multan	22 03	18 04	17 05	22 06	22 07	28 04	19 04	29 12	27 25		18 07	21 03	32 09	32 09	31 12		22 17	24 24	25 18	26 10	27 03	28 02	29 10	25 19
Peshawar	--	12 07	14 03	05 02	25 04	30 06	22 10	27 19	27 31	27 47	28 17	24 26	23 28	23 25	25 18	35 04		25 24	25 22	01 06	24 08	23 10	23 11	28 19
Quetta					27 05	24 05	05 07	29 17	27 35	28 06	--	24 26	10 05	13 04	16 10	24 04	--	--			29 04	22 10		
Bostre					--	--					--	--	--	--	24 09	27 19					15 08	25 06	28 09	
Shahtar					--						--													

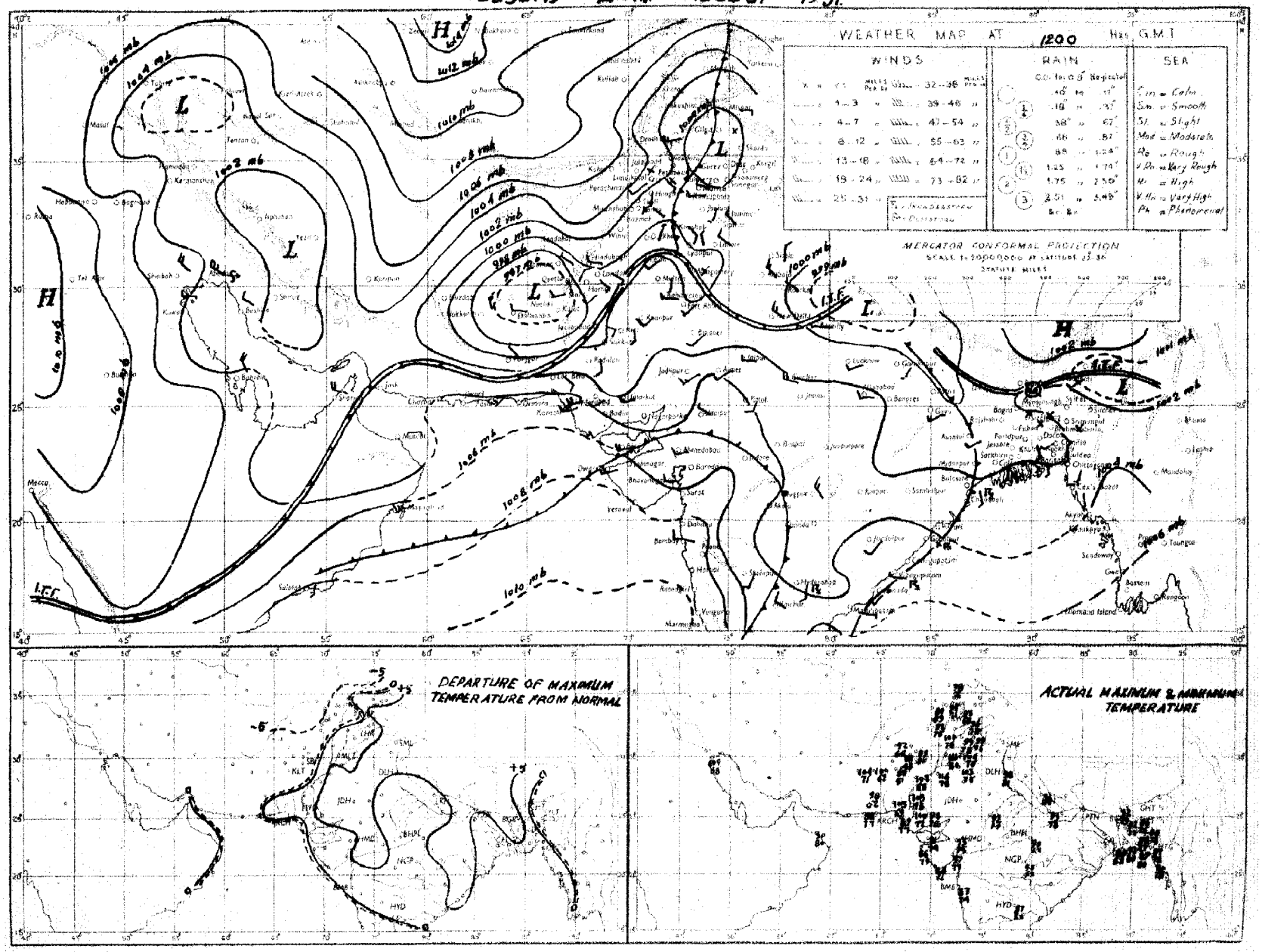
Cloud Observation Data (iiiGG Cddv, v_r)

* 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 G.S. 0.6, 0.9, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 c.m. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

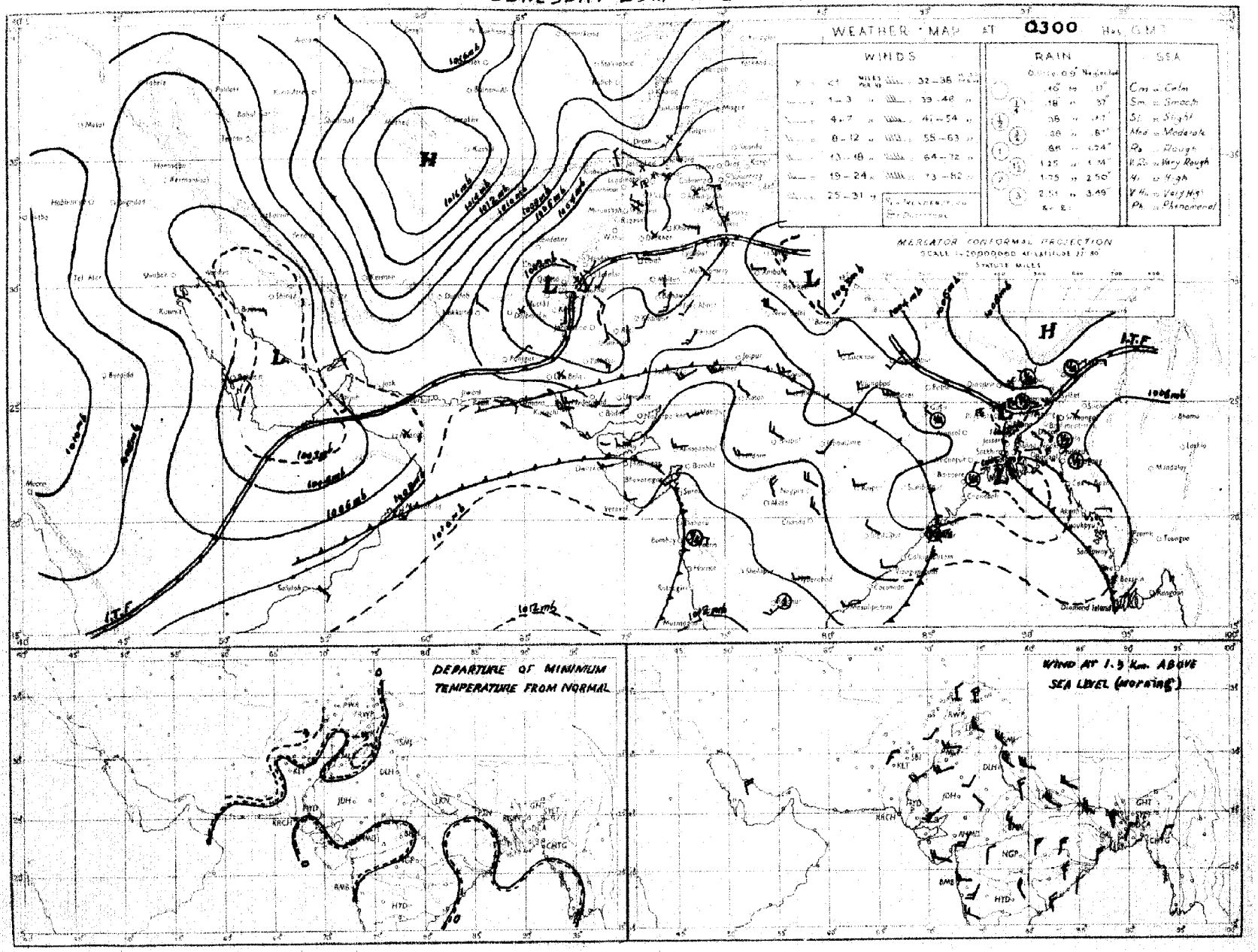
TUESDAY 28th. AUGUST 1951



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 29th: AUGUST 1951



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

Monthly Subscription
Pages 1—2
Pages 1—4

Regd. No. S-1467

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 30TH AUGUST, 1951

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

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

Yesterday's trough of low in the north Bay of Bengal has become more marked. It is likely to eoncentrate into a depression with its central region within one degree latitude 20°N and longitude 89°E.

Seasonal low extends from Baluchistan to south Iran.

Fairly widespread rain and scattered thunderstorms have occurred in East Pakistan. Isolated thunderstorm has also been reported from the North-*W*est Frontier Province.

Chief amounts of rainfall are :—Comilla 2", Srimangal 1½", Jessore ¾", Chittagong, Cox's Bazar, Satkhira and Barisal ½" each and Narayanganj and Mymensingh ¾" each.

Day temperatures were generally appreciably above normal in the plains of Punjab, lower Sind, and the southern districts of East Pakistan and appreciably below normal in west Baluchistan.

Forecast valid until the evening of 31st :—Local rain/thunderstorms will occur in East Pakistan and scattered thunderstorms in the upper North-West Frontier Province and Kashmir. Scattered dustraising winds will also occur in north Baluchistan.

Karachi-11.
The 30th August, 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	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_nT_n$	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	011 78	8 18 02	93 61 9	047 80	8 8 5 2 0	- - × 91	051 77	5 18 02	96 02 6	085 83	2 2 6 5 6	- - - 77	+ 5	+ 1	75 9	- 17 8	85.5	140
	Chittagong	040 77	8 20 05	95 08 6	040 85	8 8 6 2 0	- - × 87	050 78	6 11 02	96 02 6	081 85	1 1 6 9 9	- - - 78	+ 1	+ 2	75 7	+ 11.8	105.4	105
	Comilla	000 78	8 13 02	98 08 1	028 84	8 4 7 0 0	- - - 84	210 78	6 13 02	98.01 1	061 83	6 9 7 0 0	8 - - 77	- 4	0	80 9	+ 29.6	87.5	118
	Brahmanbaria	000 81	2 13 02	97 08 1	085 88	2 4 5 0 0	- - - 89	000 77	6 11 05	97 03 1	083 83	6 0 7 4 0	- - × 73	—	—	39 0	+ 0 7	48 9	94
	Dacca	××× 79	7 00 00	97 02 6	033 82	2 8 6 1 2	- × × 87	××× 79	7 18 02	98 82 6	078 84	5 8 5 4 0	- - × 77	—	—	—	—	—	78
	Narayanganj	000 79	8 00 00	95 03 2	030 85	2 4 5 0 7	- × - 90	020 79	8 00 00	95 03 6	078 84	4 4 5 4	- - - 77	+ 2	- 2	48 5	+ 10.2	67.4	74
	Mymensingh	000 79	8 09 02	99 02 2	036 83	8 4 7 - -	- - - 86	033 79	8 00 00	98 02 6	083 82	8 4 7	- - - 78	- 1	0	33 8	14 9	41 9	91
	Srimangal	028 81	6 36 02	97 02 6	036 83	3 2 5 3 2	- × × 86	125 79	7 00 00	97 02 6	080 82	4 2 5 3 2	- - - 76	- 5	0	60 4	+ 4.1	77 9	98
	Khulna	000 80	6 13 02	96 00 0	033 87	4 8 7 0 1	- × - 91	015 79	2 36 02	97 01 1	078 87	3 6 7 2 0	- - - 78	+ 3	0	24 7	- 5.5	43.3	68
	Satkhira	030 83	8 ×× ××	96 08 6	035 72	6 9 6 6 0	- - × 90	041 78	6 ×× ××	97 03 6	054 82	4 4 7 8 0	- - - 78	+ 1	0	25 0	- 13.0	33 5	65
	Jessore	000 81	6 00 00	96 02 3	030 87	6 3 6 0 0	- - - 95	032 79	7 00 00	96 02 6	082 83	7 8 6 0 0	9 × × 76		—	25 6	9.5	32.8	65
	Faridpur	000 77	5 07 02	95 02 1	035 84	2 4 6 1 0	- - × 84	009 78	7 11 02	97 02 6	072 83	5 4 6 1 0	- - × 77	3	- 1	35 3	- 2.0	41.7	71
	Barisal	003 79	7 16 03	98 01 5	030 87	3 4 6 2 6	- × × 90	054 80	8 07 03	97 03 6	075 81	4 4 5 6 6	- × × 77	+ 3	- 1	35 1	- 10 7	44 7	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 76	8 00 00	98 02 2	021 80	8 4 7 - -	- - - 87	000 78	7 00 00	99 03 2	080 84	6 2 7 6 -	- - × 78	0	- 1	42 1	+ 7 1	52 1	64
	Bogra	000 73	7 13 02	96 02 1	026 83	7 0 8 2 1	- × × 87	000 78	7 18 02	96 02 6	077 81	3 5 6 1 0	- - × 79	- 1	+ 1	30 8	7.6	37.7	69
	Dinajpur	000 79	7 09 00	97 02 2	046 86	3 4 7 4 0	- - × 87	000 77	6 06 00	97 02 2	079 86	0 0 9 2 0	- - × 80	- 2	+ 2	25 7	5 5	40.0	72
	Rangpur	000 ××	4 09 02	96 02 6	-- —	4 1 8 0 0	- - - —	000 ××	8 09 02	96 02 1	— —	8 5 8 0 0	- - - —	—	—	57 9	+ 10.9	67.2	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 62	0 00 00	96 00 0	996 80	0 0 9 0 0	- - - 02	000 60	0 00 00	95 04 0	038 81	0 0 9 0 0	- - - 77	+ 5	- 2	5.9	1 7	10 2	13
	Lahore	000 69	1 00 00	97 02 1	002 01	1 1 7 0 0	5 × × 02	000 65	0 23 05	96 00 0	047 85	0 0 9 0 0	- - - 77	+ 5	0	9 9	2 2	14 9	19
	Sialkot	000 71	0 31 02	97 00 0	004 04	0 0 9 0 0	- - - 97	000 78	0 13 02	97 00 0	047 86	0 0 9 0 0	- - - 79	+ 3	+ 2	18.8	6.0	18.7	33
	Jhelum	000 77	0 00 00	96 00 0	018 05	0 0 9 0 0	- - - ××	000 74	0 05 05	96 00 0	040 84	0 0 9 0 0	- - - 77	—	—	10.4	—	25 8	—
	Rawalpindi	000 62	0 27 02	99 00 0	005 05	0 0 9 0 0	- - - 97	000 63	0 03 00	99 00 0	042 84	0 0 9 0 0	- - - 72	+ 4	- 2	14 5	4 9	26.3	36
	Murree †	000 52	0 29 08	96 00 0	953 72	0 0 9 0 0	- - - 74	000 49	0 00 00	98 00 0	988 66	0 0 9 0 0	- - - 58	+ 4	+ 1	18 8	11 5	39 9	59
	Attock	××× ·×	0 36 02	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 13 05	98 00 0	— —	0 0 9 0 0	- - - ××	—	—		—		
	Khushab	000 79	0 09 05	97 00 0	— —	0 0 9 0 0	- - - 00	000 78	0 09 05	96 00 0	089 84	0 0 9 0 0	- - - 80	+ 1	- 1	2.2	6 5	7 9	17
	Montgomery	003 59	0 27 03	96 00 0	990 00	0 0 9 0 0	- - - 01	000 64	0 18 03	96 00 0	046 81	0 0 9 0 0	- - - 76	+ 1	- 4	2.5	4 6	6.1	10
	Leiah	000 64	0 23 02	97 00 0	995 05	0 0 9 0 0	- - - 07	000 67	0 00 00	97 00 0	034 83	0 0 9 0 0	- - - 80		—	0.0		6 6	8
	Multan	000 61	0 23 05	97 00 0	002 01	0 0 9 0 0	- - - 02	000 69	0 23 05	97 00 0	042 83	0 0 9 0 0	- - - 79	+ 4	- 3	2 5	1.9	5 5	4
	Khanpur	000 65	0 18 05	95 05 0	007 04	0 0 9 0 0	- - - 04	000 78	0 23 10	95 05 0	065 80	0 0 9 0 0	- - - 77	+ 1	- 2	0.3	4 3	1.9	6
	Bahawalpur	000 69	0 23 02	97 00 0	006 05	0 0 9 0 0	- - - 04	000 71	0 23 09	97 00 0	049 81	0 0 9 0 0	- - - 79	+ 3	0	1.9	2 2	6 0	6
	Fort Abbas	000 92	0 23 03	96 00 0	004 02	0 0 9 0 0	0 × × 04	000 69	0 22 03	96 00 0	984 86	0 0 9 0 0	0 × × 74		—	0.9		1.8	8
N. W. F. P.	Drosh *	000 28	6 25 09	98 03 1	006 87	5 9 6 0 1	3 6 × 91	000 44	6 05 05	99 02 1	971 70	0 0 9 4 6	0 0 7 00	2	—	1.1	—	21 4	18
	Chakdara	000 68	0 12 02	99 00 0	985 93	0 0 9 6 0	- - 96	000 59	0 31 05	98 00 0	068 77	0 0 9 0 0	- - - 68		—	5 9	—	19.2	—
	Cherat *	000 57	0 18 05	97 00 0	935 86	0 0 9 0 0	- - - 87	000 58	1 18 04	97 01 1	964 78	0 0 9 0 1	- × 2 71	+ 2	+ 2	5.2	4 5	27.3	22
	Peshawar	000 59	5 38 03	96 02 1	008 92	5 9 6 0 0	- - 97	000 59	2 34 02	96 02 1	051 80	0 0 9 3 0	- - × 72	0	- 5	1.3	3 2	8.6	14
	Parachinar	000 45	0 13 02	97 02 2	025 81	2 2 7 6 0	5 × 7 84	000 47	0 00 00	99 00 1	959 67	0 0 9 0 0	8 × × 59	- 1	- 4	8.9	—	26.4	29
	Miranshah	000 73	3 11 05	98 00 0	916 92	3 2 8 5 0	- - - 95	000 57	0 00 00	99 00 0	940 80	0 0 0 4 0	- - 72		—	3 6	0 1	10.5	13
	Bannu	— —	0 00 00	99 00 0	—	0 0 9 0 0	- - - 00	000 65	0 00 00	99 00 0	035 82	0 0 9 0 0	- - - 75	—	—	2.3	-	8.2	11
	D. I. Khan	000 67	0 02 02	98 00 0	991 03	0 0 9 0 0	- - - 03	000 69	0 05 04	98 00 0	055 80	0 0 9 0 0	- - - 75	+ 3	- 5	1 1	5 7	2.8	9
	Wana																		11
	Landikotal	000 61	7 13 03	99 02 1	920 76	7 7 6 0 0	- - - 91	900 57	0 00 00	99 00 1	945 81	0 0 9 0 0	- - - 67		—	2.4	—	11.9	—
	Hangu	××× ××	7 08 19	93 03 9	— —	4 8 7 0 1	- - - —	××× ××	0 27 09	99 00 0	— —	0 0 9 0 0	- - - ××	—	—	—	—	—	—
	Thall																		—
BALUCHISTAN	Fort Sandeman	000 80	0 00 00	97 05 0	880 03	0 0 9 0 0	- - - 94	000 46	0 00 00	97 05 0	940 75	0 0 9 0 0	- - - 68	- 1	- 3	4.1	0.5	10 0	12
	Hindubagh	000 46	0 29 09	98 00 0	928 25	0 0 9 0 0	- - - 59	000 49	0 27 09	98 00 0	959 71	0 0 9 0 0	- - - 60	—	—	0.2	—	3.5	-
	Loralai	008 65	2 13 09	96 01 1	912 80	0 0 9 2 0	- - - 89	000 59	0 00 00	96 00 0	849 72	0 0 9 0 0	- - - 64	—		1.7		8 2	—
	Harnai (a)	000 ××	1 13 05	95 01 1	— —	0 0 9 0 2	- - - —	000 ××	0 31 02	95 00 0	— —	0 0 9 0 0	- - - ××		—	2.0	4.5	10 6	14
	Sibi	000 54	0 13 09	98 00 0	990 06	0 0 9 0 0	- - - 66	000 64	0 13 05	98 00 0	015 87	0 0 9 0 0	- - - 81	—	—	2.2	—	3 8	5
	Quetta †	000 33	1 34 03	98 01 1	939 36	0 0 9 2 0	- - - 88	000 59	0 16 02	97 10 0	955 70	0 0 9 0 0	- - - 61	—	—	0.8	0.2	9.3	9
	Chaman	000 24	0 13 03	97 00 0	922 90	0 0 9 0 0	- - - 92	000 42	0 11 02	97 00 0	950 80	0 0 9 0 0	- - - 64	- 8	- 4	0	0 1	9.6	8
	Nushki	000 39	0 29 10	95 00 0	976 97	0 0 9 0 0	- - - 99	000 34	0 09 10	97 00 0	903 82	0 0 9 0 0	- - - 72		—	0	—	5 4	-
	Dalbandin *	000 44	0 13 03	94 00 0	925 98	0 0 9 0 0	- - - 00	000 28	0 05 02	96 00 0	950 67	0 0 9 0 0	- - - 56	- 5	- 13	0	0.8	1.8	4
	Nokkundi	000 69	0 34 13	99 00 0	090 98	0 0 9 0 0	- - 99	000 48	0 34 13	93 07 0	042 81	0 0 9 0 0	- - - 72	—	—	0	—	0.9	2
	Kalat †	030 53	0 32 05	98 00 0	943 30	0 0 9 0 0	- - - 85	000 39	0 18 09	98 00 0	973 57	0 0 9 0 0	- - - 51	+ 1	- 3	0.7	0.4	9.7	7
	Turbat	000 65	0 20 08	97 00 2	××× 92	0 0 9 0 0	- - - 05	000 76	8 16 02	95 00 2	077 88	8 0 7 2 0	9 0 × 80	—		0	—	1.4	—
	Panjgur *	000 15	0 31 07	97 00 0	932 90	0 0 9 0 0	- - - 06	000 18	0 37 02	97 00 0	956 70	0 0 9 0 0	- - - 58	4	- 13	0	-	3 2	5
	Las Bela	000 75	0 14 06	98 00 0	022 94	0 0 0 0 0	- - - 01	000 73	0 00 00	98 00 0	054 86	0 0 0 0 0	- - - ××	—	—	1 6	—	1.7	8
	Ormara																		6
	Pasni	008 71	3 22 14	97 01 1	042 84	0 0 9 4 0	9 × 6 87	000 72	8 05 05	96 03 2	079 78	8 2 5 - -	9 - - 77	- 1	+ 2	0.8	0.1	4.9	6
	Jiwani																		4
SIND	Reti	000 72	0 18 05	98 00 0	017 03	0 0 9 0 0	- - - 05	000 74	0 18 07	96 00 0	068 78	0 0 9 0 0	- - - 78	—		1.7	—	2.2	-
	Jacobabad	000 85	0 12 12	97 00 0	009 01	0 0 9 0 0	- - - 01	000 75	0 16 02	96 00 0	068 81	0 0 9 0 0	- - - 78	- 2	- 8	1.3	0.8	1.3	4
	Sukkur	000 48	0 00 00	96 00 0	006 04	0 0 9 0 0	- - - 05	000 72	0 ×× ××	96 00 0	051 78	0 0 9 0 0	- - - 75		—	0.5		1.0	4
	Pad Idan	000 62	0 13 05	98 00 0	010 02	0 0 9 0 0	- - - 03	000 71	0 13 09	98 00 0	058 78	0 0 9 0 0	- - - 75	—	—	0.8	—	0.9	
	Karachi (Manora)	003 76	6 25 05	98 02 2	043 84	6 6 4 0 0	- - - 86	000 74	4 27 09	96 01 1	062 80	4 1 5 0 0	- - - 78	+ 1	0	1.5	- 3.9	1 6	2
	Karachi (A. P.)	000 72	4 25 17	97 01 1	045 85	4 5 0 0 0	- - - 88	000 72	1 27 09	97 01 1	067 80	1 5 0 0 0	- - - 79		—	2.9		3.0	
	Badin	000 71	0 ×× ××	97 00 0	028 92	0 0 9 0 0	- - - 95	000 74	6 ×× ××	97 03 1	076 81	0 0 9 0 3	- × - 78	+ 2	0	7.0	+ 0.8	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 87	0 20 12	97 00 0	026 95	0 0 9 0 0	- - - 97	000 75	0 20 10	97 00 0	066 80	0 0 9 0 0	- - - 75	—	—	2.1	—	2.1	
	Hyderabad	000 70	0 22 05	97 00 0	032 94	0 0 9 0 0	- - - 03	000 78	0 22 05	97 00 0	055 79	0 0 9 0 0	- - - 77	+ 7	- 1	1.8	- 3.6	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 33	4 02 02	98 02 1	880 84	1 3 2 2 2	- × × 87	000 39	0 25 02	98 00 0	994 63	0 0 9 0 0	- - - 56	—	—	0.8	—	10.5	—
	Jalalabad	000 62	4 08 00	97 01 0	986 96	0 0 9 7 0	5 × 9 98	000 58	0 00 00	97 00 1	994 74	0 0 9 0 6	- - - 68	—	—	0.5	—	1.9	—
	Kandahar	000 72	0 09 00	98 00 0	890 94	0 0 9 0 0	- - - 98	000 47	0 00 00	97 00 0	923 40	0 0 9 0 0	- - - 46	—	—	0	—	10.8	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY THE 30TH AUGUST, 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	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$W_1D_SD_MT_XT_N$	RRR T_TT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhO_MO_H$	$W_1D_SD_MT_nT_n$	T_X T_X	T_n T_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
Iran	Charbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	6
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	11
Arabia	Muscat	000 80	0 13 02	97 00 0	034 87	0 0 9 0 0	- - - 92	000 81	0 09 02	97 00 0	056 87	0 0 0 0 0	- - - 98	+ 2	—	0	- 0.1	5.3	4
	Shariab	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	4
	Kuwait	00X xx	0 51 10	97 00 0	010 61	8 9 5 0 0	- - - 05	000 xx	4 25 05	97 00 0	031 98	0 0 0 0 0	- - - 87	—	—	0	—	1.5	1

* 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 $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_Sv_Sapp	8 $N_sCh_sh_s$	0 $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Palamayur	43 184	808 00	8 24 18	98 02 2	095 79	8x x xx	—	—	—	—
Umaria	543 178	756 06	6 11 06	98 02 1	118 84	12 5 41	—	—	—	—
Yenang Yaung	43 158	607 06	3 30 14	99 02 0	128 88	32 7 00	8 4 103	—	0 01 76	1 29 22
Islamia	43 195	701 06	8 21 03	98 02 1	112 82	31 x 00	—	—	—	—
Rizwani	43 210	620 06	8 25 19	95 02 0	095 80	58 4 00	—	—	—	—
Jalamayur	43 165	612 06	7 25 15	98 02 2	118 82	71 3 00	—	—	—	—
Yenang Yaung	43 151	706 12	5 34 10	98 02 1	100 86	25 6 01	8 4 121	—	0 03 78	1 24 22
Umaria	43 114	758 12	5 25 02	98 02 1	091 80	60 9 09	—	—	—	—
Jalarajindra	43 122	475 12	9 23 08	97 02 0	082 81	—	—	—	—	—
Jalmaya	43 170	645 18	2 28 14	98 01 1	109 81	8x x xx	—	—	—	—
Islami	43 188	671 18	2 26 18	99 01 1	106 81	82 x 00	—	—	—	—
Ismaila	43 207	678 18	3 26 08	98 02 0	091 80	—	8 4 216	—	0 01 74	—
Felix	43 021	617 19	1 24 15	98 02 0	158 81	xx x xx	—	—	—	—
Pastena	43 104	616 19	1 25 19	98 01 0	099 81	12 7 00	8 6 180	—	0 00 64	1 25 22
Kertosono	43 029	623 18	4 27 09	98 02 0	100 84	21 6 72	8 7 122	—	0 51 xx	1 24 xx
Islami	43 158	694 12	6 27 12	99 02 1	091 84	62 6 09	8 4 211	—	0 01 76	1 25 21
Jalanayar	43 169	623 12	2 26 16	98 01 1	093 83	00 9 00	8 4 406	—	0 01 72	1 27 23
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	789 14	008 27	925 60	000 15	272 21	854 88	230 26	700 26	085 12	509 17	549 91	831 73	899 99	200 85	039 91	554 55	519 65	191 57	829 00	801 52	448 63	240 44	668 08	190 15	446 00

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. ††										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	18	19	20	21	22	23	24	25
Bogra	13 12	13 02	21 02	21 08	21 06	—	—	—	—	—	18 11	19 08	18 05	—	—	—	15 05	13 06	11 05	—	—	—	—	—
Chhor	22 13	21 14	22 15	18 19	17 10	17 10	19 05	20 08	—	—	—	—	—	—	—	—	22 02	22 25	25 22	17 11	18 18	14 08	25 04	21 13
Chittagong	25 04	21 04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14 08	15 15	18 14	16 15	16 16	12 14	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16 16	16 15	16 15	16 12	17 11	—	—	—
Dacca	—	—	—	—	—	—	—	—	—	—	17 10	16 08	12 06	13 07	—	—	13 06	13 05	17 08	—	—	—	—	—
Dalbandin	—	—	07 02	25 01	25 08	23 18	25 25	24 17	25 25	30 44	—	—	13 09	05 07	09 09	29 05	—	—	25 02	06 02	23 03	26 07	—	—
Drosh	—	—	—	—	23 03	18 07	19 06	25 07	26 25	—	—	—	—	—	28 01	31 02	—	—	—	—	02 06	02 08	26 06	27 04
Fort Sandeman	—	—	—	25 01	24 07	23 09	22 11	24 12	25 30	26 41	—	—	—	21 03	24 19	26 21	—	—	—	13 08	23 03	21 11	24 04	27 10
Jacobabac	16 04	14 04	17 02	10 01	21 02	12 04	23 05	26 22	25 32	27 30	20 12	21 10	21 06	16 05	11 04	25 12	10 13	10 08	23 04	10 01	21 03	06 07	04 12	21 15
Jacobabac	20 03	20 02	09 06	23 08	21 13	21 11	20 06	26 19	24 30	—	09 08	24 20	22 04	22 04	30 07	30 10	07 08	13 15	13 09	19 05	25 03	20 10	27 10	29 13
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	25 12	27 18	27 19	30 17	—	—	—	—	—	—	26 18	26 17	27 17	—	—	—	27 19	27 20	27 19	23 14	20 13	—	—	—
Khanpur	21 07	21 09	22 02	23 08	22 07	18 18	06 18	24 17	25 23	24 30	—	—	—	—	—	—	21 23	23 23	23 23	21 19	18 18	15 10	09 23	27 11
Lahore	23 03	23 04	23 06	25 05	27 08	21 15	23 10	23 21	—	—	13 09	21 03	23 03	25 02	27 03	31 08	22 00	27 10	27 10	27 19	29 18	29 08	22 09	30 13
Multan	20 10	21 09	23 06	25 10	24 07	25 11	10 04	23 18	—	—	23 20	23 25	23 27	23 12	25 27	—	25 19	26 25	24 27	—	—	—	—	—
Peshawar	—	19 04	08 04	05 01	27 02	27 08	25 04	26 15	24 29	24 25	—	27 12	16 05	18 07	16 13	18 13	—	23 00	25 11	25 05	24 04	25 10	19 03	29 06
Quetta	—	—	—	—	23 05	23 08	09 05	24 10	26 23	27 40	—	—	—	—	23 05	21 05	—	—	—	—	14 09	23 05	—	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shariar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

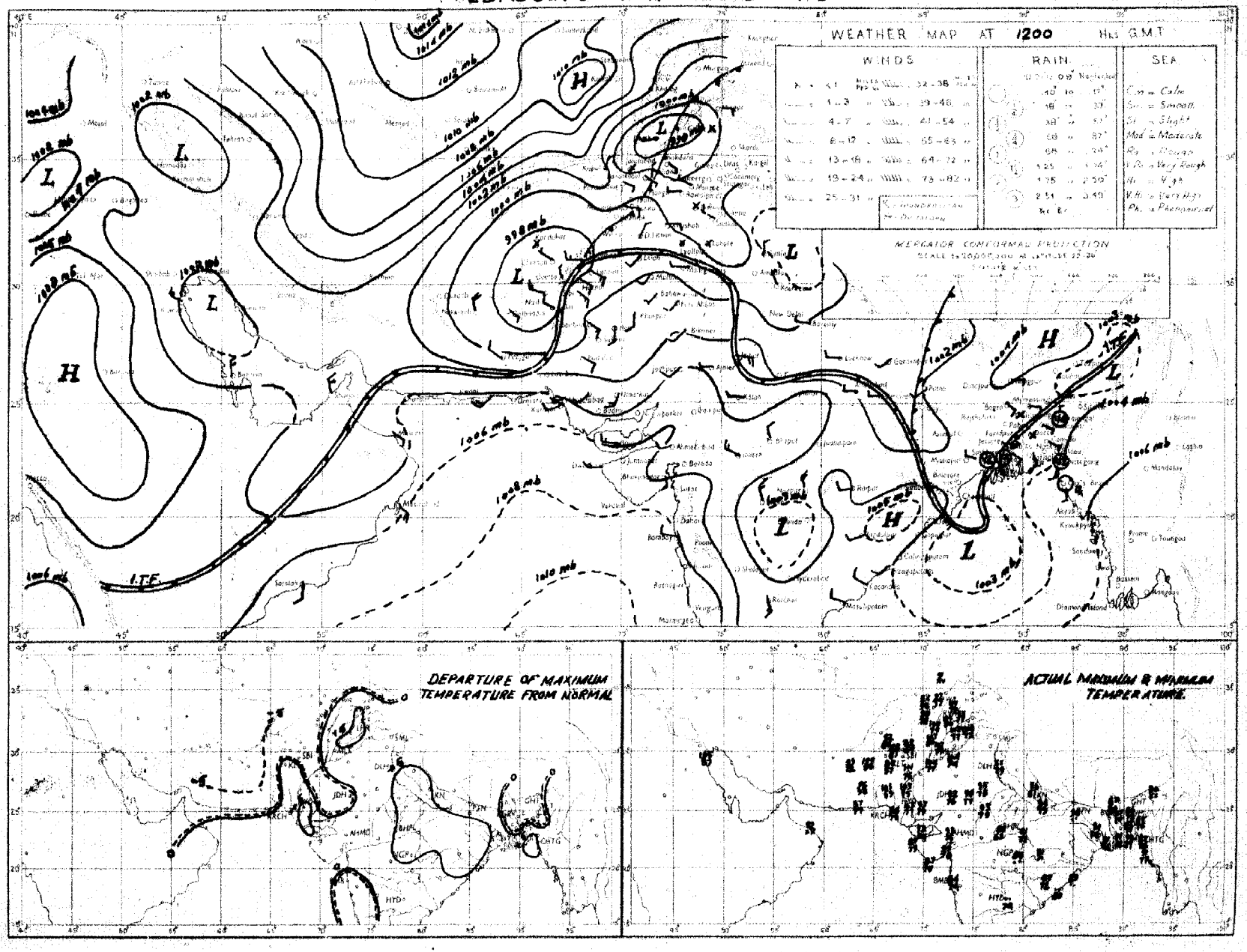
Cloud Observation Data (iiiGG Cddv, v_r)

* 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 kms. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

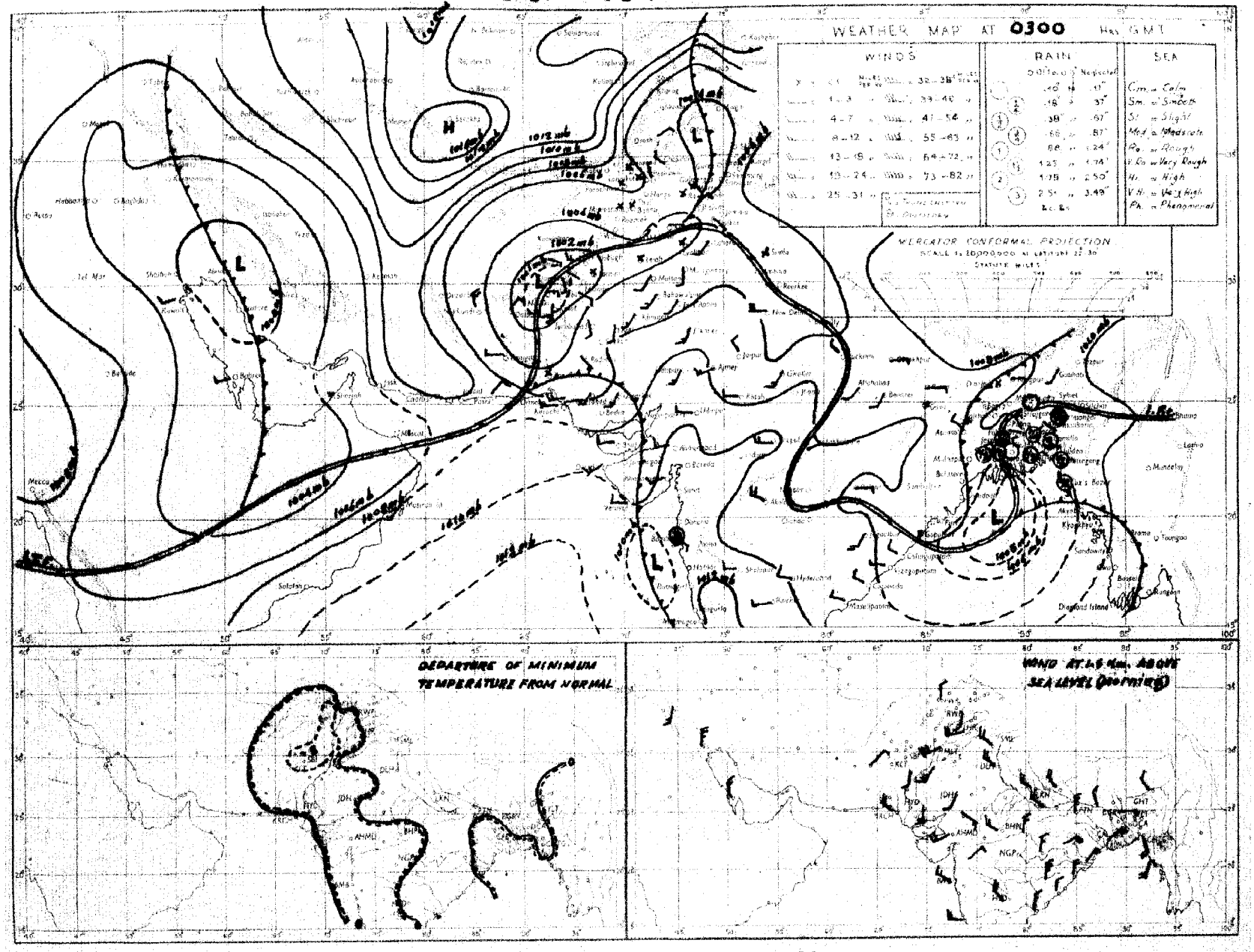
WEDNESDAY 29th. AUGUST 1951.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 30th: AUGUST 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-1274
DEC 10 1951
WEATHER BUREAU

FOR FRIDAY, THE 31ST AUGUST, 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 concentrated into a shallow depression in the northwest angle head Bay of Bengal. It moved inland in northwesterly direction and now lies as a trough over Orissa.

Fairly widespread rain and scattered thunderstorms have occurred in East Pakistan. Local rain/thunderstorms have also occurred in the North-West Frontier Province and the north Punjab.

Chief amounts of rainfall are :—Murree 2", Srimangal 1½", Khulna ½", Cox's Bazar, Brahmanbaria, Jessore, Barisal and Rangpur ½" each.

Day temperatures were appreciably above normal in the plains of Punjab.

Forecast valid until the evening of 1st :—Fairly widespread rain will occur in East Pakistan. A few thunderstorms are also likely to occur in Kashmir.

Karachi-11.
The 31st August, 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$_K$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$_K$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	002 77	5 13 02	94 02 6	061 82	2 3 4 3 1	- - - 89	035 76	3 13 03	96 01 6	094 85	2 3 6 8 0	- - - 75	+ 3	0	76.2	18 3	95.8	140
	Chittagong	000 76	6 16 09	96 20 9	054 85	6 9 6 7 0	- - - 87	008 74	4 16 05	98 02 5	090 83	2 1 6 9 0	- - - 77	+ 1	+ 1	75.7	+ 10.8	105.5	105
	Comilla	009 79	7 27 09	98 03 1	046 87	7 4 7 0 0	- - 87	005 79	6 15 09	98 02 1	074 82	4 2 7 0 0	9 0 0 79	1	+ 2	81.0	+ 29.1	87.6	118
	Brahmanbaria	020 80	4 00 00	97 08 6	054 83	4 4 4 0 0	2 x x 90	030 77	4 18 03	97 03 1	009 84	1 5 5 0 6	- - - 77	—		39.3	+ 0 6	49 2	94
	Dacca	xxx 78	3 22 02	97 01 4	041 84	1 1 5 1 0	- - - 89	xxx 79	7 16 02	97 88 2	075 85	6 4 4 4 6	- - - 79	—	—	—		—	78
	Narayanganj							012 77	7 13 03	95 08 6	074 87	6 4 5 4 -	- - - 80		+ 1	48.6	+ 7.0	67.5	74
	Mymensingh	000 78	0 00 00	99 00 2	052 85	0 0 0 0 0	- - - 88	003 80	3 00 00	99 02 2	078 81	8 4 7	- - - 78	+ 1	0	33 6	15 3	41.9	91
	Srimangal	042 82	5 81 02	97 02 9	045 87	3 2 6 0 2	- - - 89	127 77	5 12 03	97 02 6	094 82	0 0 9 3 3	- - - 76	1	0	52.0	+ 6.0	79.3	98
	Khulna							040 83	5 11 03	97 00 0	078 85	4 2 7 0 0	- - - 78		0	35 1	5.5	48.7	68
	Satkhira	002 79	7 xx xx	96 03 6	047 81	5 9 6 0 0	- - - 88	002 79	6 18 02	97 98 6	068 86	5 9 7 6 0	- - - 78	- 1	0	25 0	6.3	33.5	55
	Jessore	016 78	4 16 02	96 02 4	052 84	4 5 6 0 0	3 0 0 92	023 78	5 15 03	96 02 6	072 85	5 8 6 0 0	5 x x 77	—	—	25 9	9 6	33.0	65
	Faridpur	007 76	3 15 05	96 01 6	042 83	2 4 6 1 0	- - - 84	007 78	7 13 00	98 02 1	078 84	5 4 6 1 0	- - - 80	3	+ 1	35 4	- 2.3	41.8	71
	Barisal	000 75	7 16 05	98 01 1	043 85	3 4 6 0 6	- - - 84	024 78	6 13 03	98 02 6	076 84	3 3 6 5 8	- - - 78	+ 1	0	35 3	11.0	45 0	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 80	4 00 00	99 01 1	028 87	2 1 7 - -	- - - 89	000 78	7 18 03	99 03 2	070 84	6 2 8 - -	- - - 80	+ 2	+ 1	42 1	+ 6 7	52.1	64
	Bogra	000 78	5 09 02	96 03 1	029 87	3 2 6 0 5	- - - 90	000 79	8 09 02	96 02 9	077 81	5 8 5 2 0	- - - 80	+ 2	+ 2	30 8	8.1	37.7	69
	Dinajpur	000 81	4 09 00	97 02 2	050 89	0 0 9 4 0	- - - 92	000 78	8 02 02	97 02 2	094 84	8 4 7 0 0	- - - 80	+ 5	+ 2	25 7	7.1	40.0	72
	Rangpur	009 xx	8 09 02	96 02 1	— —	8 5 6 0 0	- - - —	020 xx	8 09 02	96 02 6	— —	8 5 6 0 0	8 0 0 —	—	—	58 1	+ 10.6	67.4	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		[illegible]
PUNJAB	Lyallpur	000 48	0 22 04	95 05 0	017 90	0 0 9 0 0	- - - 92	000 82	0 18 02	95 04 0	059 81	0 0 9 0 0	- - - 72	+ 5	- 7	5.9	1 7	10.2	12
	Lahore	000 65	0 27 03	96 00 0	024 01	0 0 9 0 0	- - - 03	000 67	0 00 00	95 05 0	063 83	0 0 9 0 0	- - - 75	+ 6	- 2	9.9	2.3	14.9	19
	Sialkot	000 71	1 00 00	97 02 1	020 98	1 4 6 0 0	- - - 99	000 67	1 00 00	97 02 1	060 83	1 9 8 6 0	- - - 76	+ 5	- 1	13.8	6.2	18.7	22
	Jhelum	000 73	0 00 00	97 00 0	027 95	0 0 9 0 0	- - - 94	000 62	3 00 00	98 02 1	070 78	0 0 9 8 0	9 x 7 72	—	—	16 4	—	25 8	—
	Rawalpindi	000 84	5 16 02	98 02 1	028 91	3 2 7 3 0	- - - 97	000 59	2 00 00	99 01 9	073 68	0 0 9 1 0	9 x x 65	+ 4	- 9	14 5	5 1	25.3	36
	Murree †	008 54	5 23 02	96 02 1	965 69	5 9 4 0 0	4 x x 74	287 42	0 09 02	99 00 9	913 66	0 0 9 0 0	- - - 48	+ 4	- 9	20.7	9.5	42.8	59
	Attock	xxx xx	2 36 02	98 00 0	— —	2 x 7 0 0	—	xxx xx	0 06 02	98 00 6	— —	0 0 9 0 0	9 0 0 —	—	—		—		—
	Khushab	000 77	0 07 06	97 00 0	017 02	0 0 9 0 0	- - - 03	000 65	0 25 02	98 00 0	064 81	0 0 9 0 0	- - - 76	+ 4	- 5	2.2	6 6	7 9	17
	Montgomery	000 53	0 22 02	96 00 0	029 01	0 0 9 0 0	- - - 02	000 50	0 00 00	98 00 0	061 84	0 0 9 0 0	- - - 73	+ 2	- 7	2 5	3.7	6.1	10
	Leiah	000 67	0 23 05	96 00 0	021 05	0 0 9 0 0	- - 07	000 68	0 34 02	97 00 0	058 84	0 0 9 0 0	- - - 79	—	—	0.9		6.6	8
	Multan	000 58	0 28 05	97 00 0	029 01	0 0 9 0 0	- - - 03	000 65	0 18 02	96 00 0	068 83	0 0 9 0 0	- - - 76	+ 5	- 6	2.5	- 1.0	5 5	4
	Khanpur	000 70	0 18 07	95 05 0	030 03	0 0 9 0 0	- - 04	000 73	0 23 07	95 05 0	065 83	0 0 9 0 0	- - - 77	+ 1	- 2	0.3	- 4.3	1.9	4
	Bahawalpur	000 70	0 23 02	96 00 0	030 01	0 0 9 0 0	- - 03	000 69	0 20 02	97 00 0	076 80	0 0 9 0 0	- - - 76	+ 2	- 3	1.9	- 2.2	5.0	6
	Fort Abbas	000 91	0 22 03	96 00 0	040 01	0 0 9 0 0	0 x x 03	000 67	0 22 03	96 00 0	074 85	0 0 0 0 0	0 x x 74	—	—	0.9		1.8	8
N. W. F. P.	Drosh *	005 47	8 23 05	99 17 9	100 68	8 9 5 - -	5 x x 85	005 44	0 00 00	99 00 9	008 82	0 0 9 0 0	9 x x 60	- 8	- 10	1.2	—	21.5	18
	Chakdara	000 69	8 21 10	99 02 1	558 85	8 5 6 0 0	1 x x 96	000 55	9 05 02	98 00 0	085 73	0 0 9 0 0	- - - 84	—	—	5 9	—	18.2	—
	Cherat *	009 59	4 18 05	99 03 1	950 85	4 2 x 0 0	3 x x 88	000 46	0 34 02	98 00 9	975 71	0 0 9 0 0	- - - 66	+ 3	- 3	5.2	4 7	27.3	30
	Peshawar							000 65	0 00 00	97 00 9	077 79	0 0 9 0 0	- - - 70		- 7	1.3	3 2	3.6	14
	Parachinar	001 43	6 23 04	98 02 9	964 71	2 2 6 6 0	2 x 9 54	000 43	0 00 00	99 00 1	969 69	0 0 9 0 0	9 x x 48	- 1	13	8 0	—	26.5	29
	Miranshah	000 61	5 11 03	98 00 0	920 94	5 2 6 6 0	- - - 95	000 71	0 00 00	99 00 0	964 79	0 0 9 0 0	- - 74	—	—	3 6	0 1	10.5	18
	Bannu	000 62	5 36 02	99 03 0	017 01	0 0 9 1 0	- - - 02	000 70	9 31 02	99 00 0	xxx xx	0 0 9 0 0	- - - 72	—	—	3.3	—	9.2	12
	D. I. Khan	000 62	0 11 02	96 00 9	012 01	0 0 9 0 0	- - - 02	000 64	0 05 04	96 00 4	067 76	0 0 9 0 0	- - - 75	+ 2	- 5	1 1	5.8	2.8	9
	Wana																		
	Landikotal	000 69	7 13 02	98 95 9	935 85	7 7 6 0 0	- - - 91	090 56	0 00 00	99 02 9	955 76	0 0 9 0 0	- - - 62	—	—	2.4	—	11.9	11
	Hangu																		—
	Thull	xxx xx	2 18 08	99 01 1	— —	2 8 7 1 0	- - - —	xxx xx	0 36 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	-	—	—	—
BALUCHISTAN	Fort Sandeman	000 25	3 18 07	97 01 1	920 92	2 4 9 6 0	- - 95	009 48	0 22 03	96 00 2	978 73	0 0 9 0 0	- - - 69	0	- 3	4.1	- 0.9	10 0	12
	Hindubagh	000 46	1 22 08	98 02 1	970 87	1 2 6 9 0	7 x x 90	000 49	0 18 09	98 00 0	973 69	0 0 9 0 0	- - - 56	—	—	0.2	—	2.5	—
	Loralai	000 64	0 18 09	98 00 0	920 86	0 0 9 0 0	- - - 89	000 53	0 27 06	96 00 0	961 78	0 0 9 0 0	- - - 59	—		3.7		8.2	—
	Harnai (a)	000 xx	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 18 02	95 00 0	— —	0 0 9 0 0	- - - —	-	—	2.0	- 4.5	10 6	14
	Sibi	000 54	0 28 05	98 00 0	019 04	0 0 9 0 0	- - - 05	000 56	0 00 00	98 00 0	062 86	0 0 9 0 0	- - - 77	—	—	2.3	—	3.3	5
	Quetta †	000 59	3 21 02	99 01 1	951 85	0 0 9 3 0	- - - 90	000 57	0 18 02	98 10 0	968 70	0 0 9 0 0	- - - 81	—	—	0.8	- 0.2	0.3	9
	Chaman	000 42	0 18 05	97 00 0	941 92	0 0 9 0 0	- - - 92	000 53	0 12 02	97 00 0	967 78	0 0 9 0 0	- - - 87	- 2	- 1	0	0.1	9.6	8
	Nushki	000 61	0 24 16	97 00 0	982 97	0 0 9 0 0	- - - 99	000 49	0 09 09	97 00 0	909 80	0 0 9 0 0	- - - 74	—	—	0	—	5.4	4
	Dalbandin *	000 27	0 23 02	97 00 0	987 99	0 0 9 0 0	- - - 00	000 33	0 04 02	97 00 0	983 72	0 0 9 0 0	- - - 61	- 5	- 8	0	0.3	1.8	4
	Nokkundi	000 97	0 34 09	99 00 0	007 97	0 0 9 0 0	- - 99	000 46	0 33 00	99 00 0	005 75	0 0 9 0 0	- - - 70	—	—	0	—	0.9	3
	Kalat †	000 49	0 27 02	98 00 0	958 83	0 0 9 0 0	- - - 85	000 40	0 16 02	98 00 0	983 60	0 0 9 0 0	- - - 52	+ 1	- 2	0.7	0.4	9 7	7
	Turbat	000 83	0 34 05	97 00 0	040 01	0 0 9 0 0	- - - 04	000 75	4 00 00	96 01 2	096 81	4 0 4 2 0	9 0 x 79	—		0	—	1.4	—
	Panjgur †	000 18	0 31 02	97 00 0	943 94	0 0 9 0 0	- - - 98	000 39	0 36 02	97 00 0	968 72	0 0 9 0 0	- - - 61	4	- 10	0	-	3.2	5
	Las Bela																		3
	Ormara																		5
	Pasni	000 71	4 28 10	97 01 1	051 85	0 0 9 4 0	4 x x 88	000 70	7 09 05	96 02 1	085 79	7 5 5 0 0	9 x x 77	0	+ 2	0.8	0.1	4.9	6
	Jiwani																		4
SIND	Roti	000 75	0 18 05	96 00 0	051 02	0 0 9 0 0	- - - 04	000 74	0 22 07	96 00 0	082 82	0 0 9 0 0	- - 77	—		1.7	—	2.2	—
	Jacobabad	000 81	0 13 07	97 00 0	039 01	0 0 9 0 0	- - - 01	000 71	0 16 05	96 00 9	074 82	0 0 9 0 0	- - 77	- 2	- 4	1.2	0.6	1.5	4
	Sukkur	000 82	0 xx x	96 00 0	030 03	0 0 9 0 0	- - - 02	000 71	0 xx xx	96 00 0	078 80	0 0 9 0 0	- - - 75	—		0.5		1.0	4
	Pad Idan	000 88	0 12 05	98 00 0	031 01	0 0 9 0 0	- - - 01	000 71	0 12 05	96 00 0	066 80	0 0 9 0 0	- - - 74	—	—	0.8	—	0.9	—
	Karachi (*Manora*)	003 78	4 26 09	99 01 1	063 88	4 3 5 0 0	- - - 88	000 74	0 27 05	96 00 0	080 80	0 0 9 0 0	- - - 78	+ 1	0	1.5	- 3.0	1 6	8
	Karachi (*A. P.*)	000 73	4 25 16	97 08 1	062 85	4 6 5 0 0	- - - 89	000 73	0 27 09	96 00 1	081 80	0 0 9 0 0	- - - 77	—	—	2.0	—	2.0	—
	Badin	000 70	6 xx xx	97 03 2	046 91	0 0 9 0 3	- - - 93	000 74	0 xx xx	97 00 0	086 81	0 0 9 0 0	- - - 76	0	- 3	7.0	+ 0.7	7.0	8
	Nagarparkar																		
	Chhor (*Umarkot.*)	000 65	0 22 07	97 00 0	045 05	0 0 9 0 0	- - - 00	000 75	0 23 07	97 00 0	070 83	0 0 9 0 0	- - - 75	—	—	3.1	—	3.1	—
	Hyderabad	000 60	0 28 03	97 00 0	059 33	0 0 9 0 0	- - - 03	000 73	0 22 03	97 00 0	075 80	0 0 9 0 0	- - - 77	+ 2	- 1	1.8	- 3.6	2.0	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 40	1 02 03	98 01 0	983 82	1 1 2 1 0	- - - 86	000 48	0 20 02	98 00 0	001 63	0 0 9 0 0	- - - 55	—	—	0.7	—	10.5	—
	Jalalabad	000 81	4 09 02	97 01 0	968 97	0 0 9 7 0	3 1 9 00	000 61	0 00 00	97 00 1	997 67	0 0 9 0 0	9 x x 66	—	—	0.5	—	6.9	—
	Kandahar	000 72	0 90 06	98 00 0	007 94	0 0 9 0 0	- - - 97												—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY THE 31ST AUGUST, 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 $T_d T_d$	N dd	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_s D_M T_x T_n$	RRR $T_d T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h O_M d_H$	$W_1 D_s P_M T_n T_n$	T_x T_x	T_n T_n	Since 1st June-st to date	Departure from normal	Since 1st Jan. st 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
	Mashee	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire.		...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Musca:	000 81	0 13 05	97 00 0	047 86	8 0 9 0 0	- - - 89	000 82	0 15 02	96 00 0	062 85	8 0 8 0 0	- - - xx	- 1	x	0	- 0.1	3.3	4
	Sharjah	000 xx	0 09 05	97 00 0	036 83	9 9 9 0 0	- - - 87	000 xx	0 03 03	96 00 0	041 84	0 0 9 0 0	- - - 87	-	-	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 (6,499-6,512 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,040-10, 068 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. 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 $N_s Ch_s h_s$	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										
Pasteur ..	53 106	594 00	1 24 10	98 02 1	095 79	12 7 00	8 8 814	-	0 58 xx	1 24 xx
Ainterante Saldonas ..	53 738	650 00	6 28 10	97 60 2	073 81	44 6 00	-	-	-	-
Jalamayur ..	53 172	656 09	2 26 13	98 01 1	134 81	2x x xx	-	-	-	-
Islami ..	53 186	649 06	5 25 10	99 01 2	111 83	32 6 20	6 4 105	-	0 05 75	1 25 28
Alwaratanti Saidana ..	52 235	651 06	1 28 10	96 02 2	089 81	33 6 60	-	-	-	-
Felix Boussel ..	53 091	679 06	4 24 05	98 02 0	162 84	43 4 21	2 5 095	-	0 01 72	1 24 11
Lalamayur ..	52 176	667 06	4 26 13	96 02 1	184 87	41 7 00	-	-	-	-
Yenang Yaung ..	52 180	710 06	3 29 10	99 02 0	123 85	25 7 01	6 4 093	-	0 02 76	1 29 32
Chesarnby ..	52 096	672 06	8 28 09	98 08 1	139 83	31 5 05	6 5 600	-	0 17 71	1 28 32
Bhuratpani ..	53 095	702 06	6 14 05	97 02 1	180 83	31 8 01	-	-	-	-
Yenang Yaung ..	53 128	738 13	7 20 08	98 03 1	106 88	22 8 08	2 4 615	-	0 02 78	1 30 21
Islami ..	52 188	656 12	4 24 15	99 02 1	097 82	41 6 00	6 4 084	-	0 01 74	1 24 28
Jalamayar ..	53 177	678 12	4 26 13	96 02 1	127 85	41 7 00	-	-	-	-
Kerlonavoo ..	52 050	695 13	5 14 09	98 03 0	088 84	42 6 60	7 4 817	-	0 01 78	1 25 32
Felix Boussel ..	53 066	712 16	2 24 05	98 02 0	142 78	23 5 20	2 8 107	-	0 51 71	1 24 11
Jalamayur ..	52 180	691 15	0 27 12	98 01 1	116 81	00 9 09	-	-	-	-
BAY OF BENGAL										
Mohammedi ..	53 180	872 12	1 27 09	97 02 0	105 84	11 6 00	-	-	-	-

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 ...	786 14	095 27	247 60	000 22	272 47	864 90	241 26	700 40	155 12	509 44	005 32	302 16	749 94	981 58	049 80	555 55	333 00	211 66	348 98	211 62	618 63	251 21	568 98	201 94	444 09

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 (Hdddff)*

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	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	18	19	20	21	22	23	24	25
Bogra ..	09 08	11 09	10 12	10 13							13 13	13 14	13 15	11 12	13 08		10 05							
Dhaka ..	21 21	20 19	21 16	21 10	13 13	11 13	...										23 14	23 15	20 17	15 20	15 17	09 16	10 19	19 10
Chittagong ..	21 15	20 15	-	-	-	-	-	-	-	-	14 16	-	-	-	-	-	16 12	16 17	17 15	16 18	20 11	-	-	-
Cox's Bazar ..	17 09	17 21	16 20	16 12	15 17	-	-	-	-	-	-	-	-	-	-	-	16 14	19 17	17 15	19 17	19 15	17 13	-	-
Dacca ..	13 09	19 11	13 12	02 14	-	-	-	-	-	-	15 15	16 13	16 19	-	-	-	13 10	-	-	-	-	-	-	-
Dalbandin ..	-	-	23 06	24 08	25 07	20 11	25 10	24 20	-	-	-	-	07 09	07 11	10 11	07 04	-	-	09 06	15 13	13 13	16 05	25 13	02 05
Drosh ..					25 04	24 04	19 06	-	-	-	-	-	-	-	09 05	09 01	-	-	-	-	01 04	01 17	04 04	23 16
Fort Sandeman ..			-	29 01	26 02	13 04	20 09						-	20 13	23 15	24 09	-	-	-	28 08	23 09	20 04	27 09	-
Kacbabac ..	16 04	18 02	13 04	09 02	08 01	06 09	26 08	23 19	20 21	27 27	20 17	21 08	21 07	20 04	08 18	08 17	15 02	10 16	15 02	23 19	12 20	05 07	-	-
Jhelum ..	15 08	18 07	13 07	20 03	27 08	26 07	23 14	20 19	20 18	-	23 11	02 01	21 06	22 07	25 07	23 16	20 06	23 08	25 07	27 08	26 15	-	-	-
Jiwani ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	06 09
Karachi ..	25 17	25 16	22 19	25 08	26 08	24 11	25 16	-	-	-	27 17	27 12	26 08	-	-	-	25 15	27 19	24 11	08 17	01 23	02 15	-	-
Khanpur ..	23 10	21 07	19 06	19 11	15 15	13 20	07 10	26 17	27 23	-	21 15	20 22	20 19	-	17 11	15 18	24 20	24 18	27 11	25 07	25 05	13 20	06 25	-
Lahore ..	27 11	27 06	21 05	24 09	29 12	26 07	25 16	26 14	24 17	23 45	24 06	06 16	25 19	20 19	25 19	20 06	01 24	27 07	28 12	28 15	26 22	01 21	30 37	
Multan ..	21 15	20 15	22 18	25 23	29 22	25 21	-	-	-	-	22 23	23 26	22 23	-	-	-	28 18	24 19	24 17	23 11	23 07	23 13	28 07	
Peshawar ..	-	13 03	13 04	17 08	30 08	24 04	27 06	26 11	27 18	28 28	-	27 09	19 24	09 07	26 02	21 08	-	-	-	-	24 12	24 08	30 06	34 17
Quetta ..	-				31 05	27 04	11 06	20 10	22 21	28 25	-	-	-	-	23 06	23 08	-	-	-	-	-	17 11	24 08	18 10
Bushire ..	-										-	-	-	-	-		-	-	-					
Sharjah ..	-										-	-	-	-	-		-	-	-					

Cloud Observation Data (iiiGG Cddv, v,)

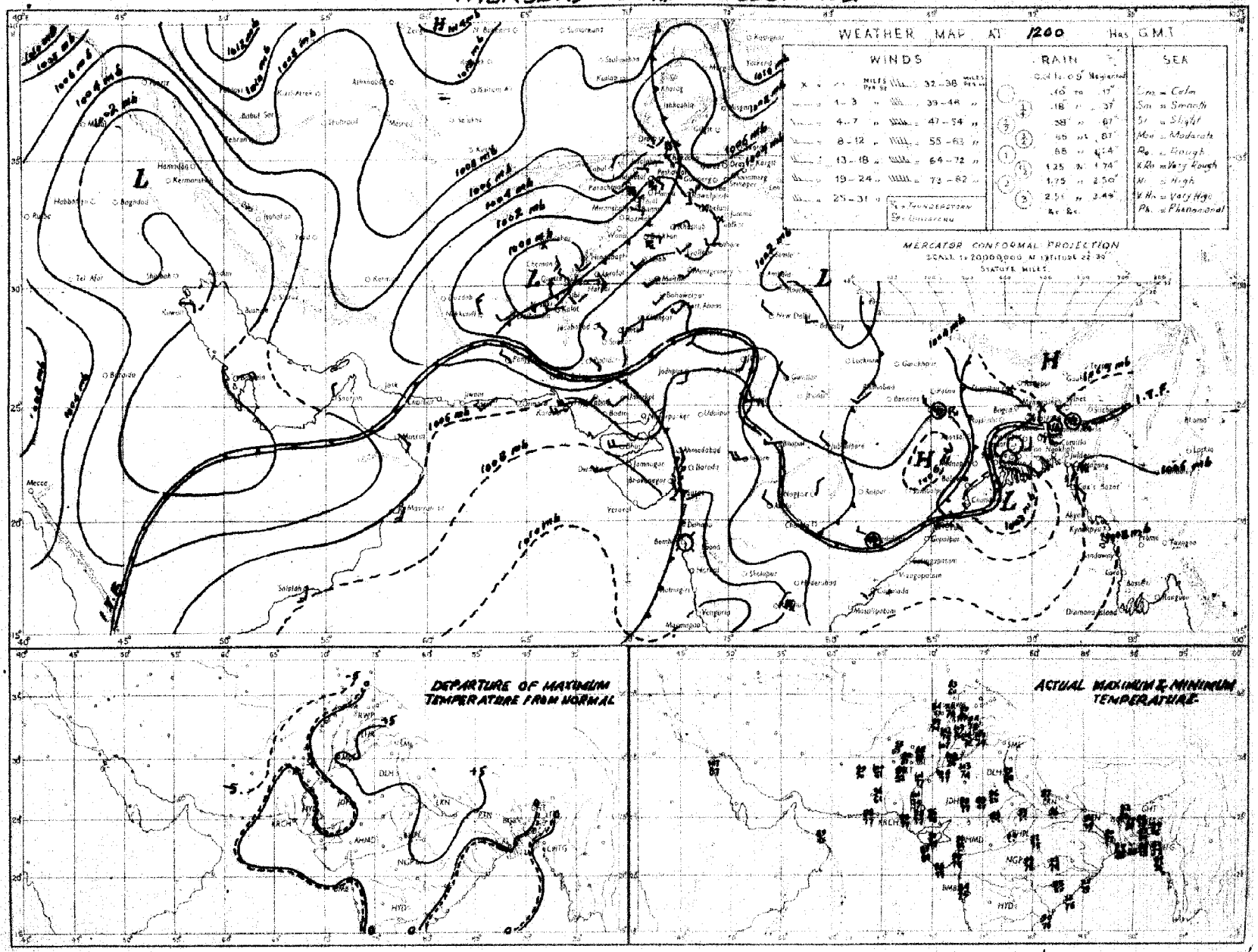
Jhelum 59602 69619

* 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, 0.5, 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 columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

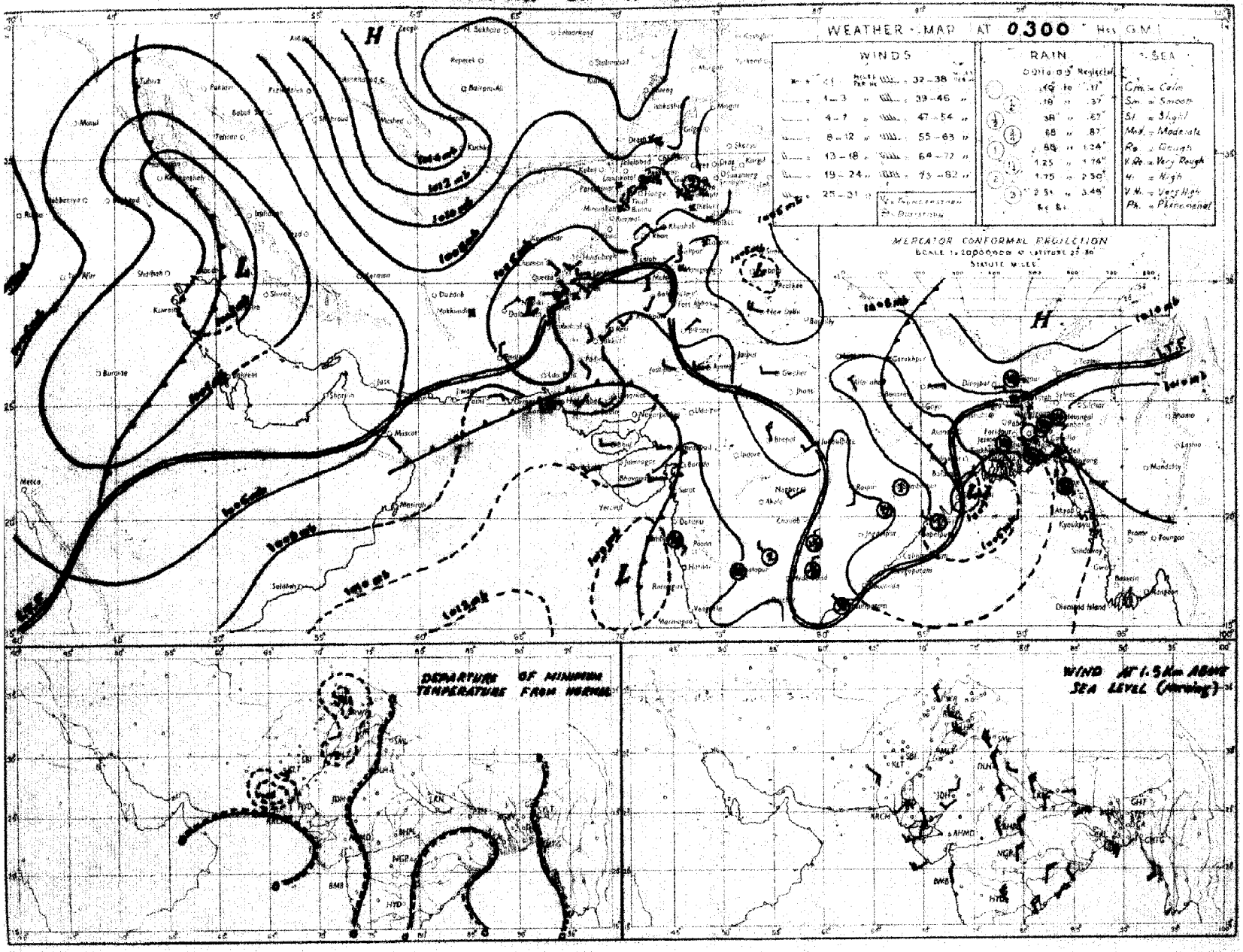
THURSDAY 30th. AUGUST 1951



Rainfall amounts indicated in the above chart refer to past 8 hours

PAKISTAN DAILY WEATHER MAP

FRIDAY 31st AUGUST 1950



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

WEATHER BUREAU JAN 23 1952

Monthly Subscription
Pages 1—2
Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1674

FOR SATURDAY, THE 1ST SEPTEMBER, 1951

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

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

Yesterday's trough over Orissa now lies over central parts of India.
Fairly widespread rain and a few thunderstorms have been reported from East Pakistan.
Chief amounts of rainfall are :—Narayanganj 1", Comilla, Barisal and Dinajpur ½" each.
Day temperatures were appreciably above normal in the plains of Punjab.
Forecast valid until the evening of 2nd :—Local rain/thunderstorms will occur in East Pakistan. Weather will be dry over West Pakistan.

Karachi-11.
The 1st September, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T of previous day: BBBT$_d$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: BBBT$_d$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	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	002 77	2 13 05	95 01 5	062 83	2 1 6 0 0	- - - 89	002 77	4 18 03	96 01 1	098 87	3 2 5 3 7	- - - 77	+ 8	+ 1	76.2	- 16 9	85.8	140
	Chittagong	002 76	5 18 00	97 02 5	054 82	3 3 6 0 0	- - x 88	001 75	5 16 05	97 03 1	096 84	4 8 6 0 0	- - - 78	+ 31	+ 2	75.7	+ 10 3	105.5	106
	Comilla	000 81	6 18 05	95 03 1	047 87	5 4 7 0 1	- x - 87	020 78	5 09 02	98 05 6	095 83	5 4 7 0 0	8 - - 77	- 1	0	81 2	+ 28 9	87.8	118
	Brahmanbaria	000 79	6 09 02	97 03 1	056 87	6 4 5 0 0	- - 91	009 77	5 13 05	96 61 1	097 80	6 4 5 0 0	1 x x 79	—	—	39.4	+ 0.5	49 8	94
	Dacca	xxx 77	8 18 03	98 02 6	048 88	2 2 6 3 1	- x x 88	xxx 80	7 00 00	95 61 6	087 82	6 8 4 4 0	- - x 77	- 1	—	—	—		73
	Narayanganj							115 78	3 18 02	95 08 6	088 84	8 5 6 - -	- - 78		- 1	49.7	+ 10.7	68.7	76
	Mymensingh	000 79	8 09 02	99 92 2	045 88	8 4 7 - -	- - - 88	000 79	9 00 00	99 02 2	xxx 81	8 8 8 - -	- - - 78	+ 1	0	33.8	- 15 8	41.9	81
	Srimangal	007 79	6 00 00	97 02 6	049 84	4 8 6 0 3	- x - 91	111 77	8 09 02	96 02 9	099 78	8 5 6 - -	- - - 76	+ 1	+ 1	52.1	+ 4.6	79.8	98
	Khulna	000 76	2 18 02	98 01 0	046 88	8 0 9 0 2	- x - 90	000 78	2 13 02	97 01 0	085 86	3 8 7 0 0	- - - 79	+ 2	+ 1	25.1	- 5.9	43.7	68
	Satkhira	000 76	7 13 02	97 08 1	026 85	5 9 7 0 0	- - x 89	000 79	7 13 02	97 02 1	076 88	x 4 6 8 0	- - - 79	0	0	25 0	12.7	38.5	65
	Jessore	000 79	2 09 02	97 01 1	037 83	3 1 6 0 1	- x - 93	000 80	4 13 05	97 01 1	079 88	4 8 6 0 0	- - - xx	—	—	25 9	9 9	38.0	65
	Faridpur	000 78	6 13 05	96 01 1	046 84	3 4 5 1 0	- - x 85	000 79	5 10 09	98 02 1	081 85	3 4 8 1 0	- - x 79	2	0	15.4	- 2.8	41.8	71
	Barisal	028 76	6 16 05	98 01 6	046 84	3 2 6 3 8	- x x 87	025 78	5 13 08	97 01 1	086 86	3 4 6 7 0	- x x 79	0	+ 1	26 6	- 11.1	45 0	81
	Pabna																		59
	Rampur Boalia																		50
	Sirajganj	000 80	8 13 03	98 02 2	028 83	8 2 7 - -	- - - 89	000 78	7 00 00	99 08 2	070 84	6 2 7 6 -	- - x 80	+ 2	+ 1	42.1	+ 6 8	52.1	64
	Bogra	000 77	5 09 02	98 01 1	033 86	3 1 7 0 5	- x - 89	002 79	4 08 00	95 02 6	083 85	3 2 7 0 1	- x 80	+ 1	+ 2	30.8	- 6.4	37.7	69
	Dinajpur	000 78	4 08 00	97 08 1	049 85	0 0 9 4 0	- - x 90	028 71	8 00 00	97 02 2	098 82	8 4 7 - -	- - - 80	+ 1	+ 2	26 0	7.4	40.3	72
	Rangpur	003 xx	3 00 00	98 01 2	— —	8 1 6 0 0	- - - xx	005 xx	8 00 00	96 02 1	— —	8 5 8 - -	9 0 0 xx	—	—	58.2	+ 10.0	67.5	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 62	0 20 02	96 05 0	010 00	0 0 9 0 0	- - - 02	000 63	0 09 00	95 04 0	041 84	0 0 9 0 0	- - - 74	+ 6	4	5.0	- 1 8	10 2	18
	Lahore	000 65	0 31 03	98 00 0	021 01	0 0 9 0 8	- - - 02	000 68	0 18 02	96 00 0	052 86	0 0 9 0 0	- - - 73	+ 5	- 3	9.9	- 2.5	14.9	19
	Sialkot	000 63	0 31 02	97 00 0	025 01	0 0 9 9 0	- - - 06	000 65	0 05 02	97 00 0	040 84	0 0 9 0 0	- - - 76	+ 3	1	13.9	- 6.4	18.7	32
	Jhelum	000 72	1 00 00	97 03 1	024 96	1 1 5 [illegible] 0	8 x x 97	000 65	0 00 00	97 00 0	051 80	0 0 9 0 0	- - - 71	—	—	16.4	—	26 8	
	Rawalpindi	000 53	2 27 03	99 01 1	030 93	2 x 7 [illegible] 9	- - - 97	000 51	0 03 00	99 00 1	037 81	0 0 9 0 0	- - - 65	0	- 8	14.5	- 5.8	25.2	36
	Murree †	000 65	0 27 02	98 00 0	064 70	0 0 9 0 0	- - - 74	000 58	0 00 00	95 00 0	070 66	0 0 9 0 0	- - - 58	+ 4	+ 2	20.7	- 9.8	42.8	59
	Attock	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 85 02	98 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—		—
	Khushab	000 71	0 11 05	98 00 0	028 93	x x 9 x x	- - - 99	000 71	0 11 05	96 00 0	049 87	0 0 9 0 0	- - - 76	0	- 8	2.2	- 0.7	7.9	17
	Montgomery	000 61	0 00 00	98 00 0	027 00	0 0 9 0 0	- - - 08	000 67	0 13 03	96 00 0	040 85	0 0 9 0 0	- - - 74	+ 3	- 8	2.5	- 3.7	6.1	10
	Leiah	000 73	0 23 03	97 00 0	015 02	0 0 9 0 0	- - - 05	000 78	0 31 02	97 00 0	038 87	0 0 9 0 0	- - - 78	—	—	0.8	—	6.6	8
	Multan	000 55	0 18 05	97 00 0	013 01	0 0 9 0 0	- - - 02	000 64	0 18 06	96 00 0	061 86	0 0 9 0 0	- - - 81	+ 4	0	2.5	- 1.9	5.5	4
	Khanpur	000 74	0 27 05	95 05 0	037 00	0 0 9 0 0	- - - 00	000 72	0 23 01	95 05 0	058 85	0 0 9 0 0	- - - 80	- 3	+ 1	0.8	- 4.3	1.9	6
	Bahawalpur	000 74	0 00 00	97 00 0	035 00	0 0 9 0 0	- - 01	000 72	0 23 07	97 09 0	045 84	0 0 9 0 0	- - - 79	0	0	1.9	- 3.8	5.0	8
	Fort Abbas	000 91	0 13 03	96 00 0	xxx 01	0 0 9 0 0	0 x x 03	000 67	0 23 08	96 00 0	xxx 85	0 0 9 0 0	- - - 76	—	—	0.9	—	1.8	8
N. W. F. P.	Drosh *	000 35	1 25 07	99 01 1	017 89	1 1 7 0 0	3 x x 00	001 43	0 00 00	99 00 0	967 72	0 0 9 0 0	- - - 61	- 3	- 7	1.2	—	21.6	10
	Chakdara	000 67	0 28 02	99 00 0	019 93	0 0 9 0 0	- - - 95	000 60	0 00 00	98 00 0	967 71	0 0 9 0 0	- - - 60	—	—	5 9	—	18.2	—
	Cherat *	000 61	0 18 03	98 00 0	059 84	0 0 9 0 0	- - - 85	000 56	0 18 04	98 00 0	968 73	0 0 9 0 0	- - - 66	0	- 2	6.2	- 4 9	27.3	22
	Peshawar	000 51	1 13 03	97 01 1	082 92	1 1 7 0 0	- - - 99	000 63	0 23 02	97 00 0	068 79	0 0 9 0 0	- - - 73	+ 2	- 5	1.3	- 2.3	8.6	14
	Parachinar	000 47	2 13 03	99 01 1	974 81	0 0 9 3 0	5 x 8 88	000 47	0 36 03	99 00 1	950 64	0 0 9 0 0	- - - 59	- 2	6	8.9	—	26.6	20
	Miranshah	000 47	0 11 05	90 00 0	042 91	0 0 9 0 0	- - - 98	000 53	0 09 00	99 00 0	941 80	0 0 9 0 0	- - - 73	—	—	3 6	0 1	10.5	13
	Bannu	000 66	0 00 00	99 00 0	015 00	0 0 9 0 0	- - - 00	000 65	0 00 00	99 00 0	030 80	0 0 9 0 0	- - - 76	—	—	3.3		8.3	11
	D. I. Khan	000 66	0 00 00	98 00 0	024 01	0 0 9 0 0	- - - 01	000 79	0 05 02	96 00 0	039 79	0 0 9 0 0	- - - 76	+ 1	- 4	1 1	- 5.7	2.8	9
	Wana																		11
	Landikotal *	000 69	0 05 03	99 00 0	988 97	0 0 9 0 0	- - - 00	000 57	0 00 00	99 00 0	xxx xx	0 0 9 0 0	- - - 66	—	—	2.4	—	11.9	—
	Hangu																		—
	Thall	xxx xx	0 18 00	99 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 18 09	99 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 21	0 00 00	97 05 0	031 93	0 0 9 6 0	- - - 95	000 42	0 28 03	97 05 0	080 74	0 0 9 0 0	- - - 88	0	- 2	4.1	- 0.6	10.0	12
	Hindubagh	000 38	1 23 02	98 01 1	048 89	0 0 9 0 1	7 x x 91	000 40	0 27 05	97 00 0	961 73	0 0 9 0 0	- - - 80	—	—	0.2	—	3.3	—
	Loralai	000 72	0 13 00	96 00 0	040 86	0 0 9 0 0	- - - 80	000 65	0 26 03	97 00 0	962 74	0 0 9 0 0	- - - 60	—	—	1.7	—	6.3	—
	Harnai (a)	000 xx	1 06 06	95 01 1	— —	x x x x x	- - - —	000 xx	0 18 03	95 00 0	— —	0 0 9 0 0	- - - xx	—	—	2.0	- 4.6	10.6	14
	Sibi	000 64	0 23 05	98 00 0	050 04	0 0 9 0 0	- - - 04	000 81	0 00 00	99 00 0	857 84	0 0 9 0 0	- - - 80	—	—	2.3	—	3.8	6
	Quetta †	000 46	5 20 05	98 01 1	961 87	0 0 9 4 0	- - - 89	000 52	0 16 02	98 00 0	966 70	0 0 9 0 0	- - - 61	—	—	0.8	- 0.2	9.8	9
	Chaman	000 57	0 23 03	97 00 0	941 23	0 0 9 0 0	- - - 94	000 58	0 11 02	97 00 0	934 80	0 0 9 0 0	- - - 68	1	+ 2	0	0.1	9.6	8
	Nushki	000 51	0 31 04	98 00 0	986 98	0 0 9 0 0	- - - 01	000 51	0 08 06	97 00 0	018 80	0 0 9 0 0	- - - 75	—	—	0	—	5.4	—
	Dalbandin *	000 40	0 23 02	97 00 0	944 01	0 0 9 0 0	- - - 01	000 44	0 00 00	97 00 0	960 78	0 0 9 0 0	- - - 84	4	1	0	- 0.8	1.5	4
	Nokkundi	000 80	0 00 00	99 00 0	xxx 05	0 0 9 0 0	- - - 05	000 59	0 00 00	99 00 0	951 77	0 0 9 0 0	- - - 71	—	—	0	—	0.9	3
	Kalat *	000 51	0 18 03	98 00 0	068 89	0 0 9 0 0	- - - 86	000 43	0 18 05	98 00 0	979 62	0 0 9 0 0	- - - 55	+ 2	+ 2	0.7	- 0.4	9.7	7
	Turbat	000 84	0 16 07	97 00 1	988 00	0 0 9 0 0	- - - 02	000 75	0 24 03	96 00 0	086 79	0 0 9 0 0	- - 76	—	—	0	—	1.4	—
	Panjgur *	000 77	0 31 02	97 00 0	941 97	0 0 9 0 0	- - - 98	000 60	0 05 02	97 00 0	962 72	0 0 9 0 0	- - - 65	1	- 3	0	—	3.3	5
	Las Bela																		6
	Ormara	000 81	0 25 05	97 00 0	053 85	0 0 9 0 0	- - - 87	000 79	0 25 05	97 00 0	080 80	0 0 9 0 0	- - - 78	—	—	0.3	- 0.5	3.1	6
	Pasni	000 89	0 13 10	96 00 0	061 86	0 0 9 0 0	- - - 88	000 73	0 31 06	96 00 0	083 78	0 0 9 0 0	- - - 73	+ 1	- 2	0.8	0.1	4.3	6
	Jiwani																		4
SIND	Keti	000 79	0 18 03	96 00 0	051 02	0 0 9 0 0	- - - 84	000 73	0 23 03	96 00 0	063 xx	0 0 9 0 0	- - 76	—	—	1.7	—	2.2	—
	Jacobabad	000 68	0 13 00	99 00 0	041 00	0 0 9 0 0	- - - 01	000 70	0 23 05	96 00 0	063 83	0 0 9 0 0	- - - 79	- 2	- 1	1.3	- 0.8	1.3	4
	Sukkur	000 72	0 xx x	99 00 0	044 03	0 0 9 0 0	- - - 02	000 71	0 xx xx	00 00 0	083 80	0 0 9 0 0	- - - 75	—	—	0.5		1.0	4
	Pad Idan	000 50	0 13 05	98 00 0	048 00	0 0 9 0 0	- - - 00	000 69	0 18 05	98 00 0	068 81	0 0 9 0 0	- - - 74	—	—	0.9	—	0.9	—
	Karachi (Manora)	000 72	0 23 00	98 00 0	062 84	0 0 9 0 0	- - - 88	000 74	0 25 05	97 00 0	078 80	0 0 9 0 0	- - - 78	+ 1	0	1.3	- 3.9	1.8	8
	Karachi (A. P.)	000 74	1 30 14	98 01 1	061 85	1 4 5 0 0	- - - 88	000 74	1 30 09	98 02 0	081 80	1 4 5 0 0	- - - 77	—	—	2.9	—	3.0	—
	Badin	000 71	0 xx xx	97 00 0	080 00	0 0 9 0 0	- - - 06	000 73	0 13 05	97 00 0	092 80	0 0 9 0 0	- - - 78	+ 3	- 3	7.0	+ 0.6	7.0	9
	Nagarparkar																		—
	Chhor (Umarkot)	000 72	0 23 00	97 00 0	044 00	0 0 9 0 0	- - - 98	000 74	0 23 00	97 00 0	074 83	0 0 9 0 0	- - - 75	—	—	3.1	—	3.1	—
	Hyderabad	000 67	0 23 05	97 00 0	038 85	0 0 9 0 0	- - - 94	000 72	0 23 03	97 00 0	071 79	0 0 9 0 0	- - - 76	0	- 3	1.5	- 3.7	2.6	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 41	2 08 03	98 01 1	078 88	1 8 5 3 0	- - - 87	000 38	0 34 03	98 00 0	094 64	0 0 9 0 0	- - - 55	—	—	0.7	—	10.6	—
	Jalalabad	000 60	1 00 00	97 01 0	061 84	0 0 9 7 0	3 x 0 94							—					—
	Kandahar	000 60	0 00 00	98 00 0	010 98	0 0 9 0 0	- - - 98	000 48	0 00 00	97 00 0	088 60	0 0 9 0 0	- - - 50	—	—	0	—	10.6	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 1ST SEPTEMBER, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VV ww W	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	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_nT_n$	Departures from Normal T_x T_x	T_n T_n	Rainfall Since 1st June last to date	Departure from normal	Since 1st Jan. last 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
	Masheé	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
	Bushire	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11
Arabia	Musca:	000 73	0 00 02	97 00 0	052 85	0 0 0 0 0	- - - 88	000 80	0 00 00	96 00 0	066 88	0 0 0 0 0	- - - 94	- 3	...	0	- 0.1	3.3	4
	Sharjah	000 xx	0 13 05	97 00 0	031 97	0 0 0 0 0	- - - 97	000 xx	0 29 02	97 00 0	064 91	0 0 0 0 0	- - - 83	...	...	0	...	1.5	4
	Kuwait																		1

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 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 (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 $L_aL_aL_a$	$L_oL_oL_o$ 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	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dara ...	65 216	692 06	7 27 02	98 08 1	114 82	22 7 80	7 5 215	...	0 00 76	1 27 xx
Alirante Badansa ...	63 719	659 06	7 19 16	99 08 1	110 79	63 7 80	...	...	...	...
Yenang Yaung ...	63 099	756 06	4 02 04	99 01 0	104 81	12 7 84	8 3 207	...	0 00 76	1 02 20
Jalamayar ...	63 385	715 06	4 28 09	93 06 1	115 82	43 6 00	...	...	...	...
Singkep ...	63 077	752 06	3 30 15	99 02 0	129 82	21 5 00	6 4 110	...	0 01 73	1 20 32
Islami ...	63 169	603 06	6 23 15	96 01 2	109 80	61 6 00	5 4 320	...	0 01 71	1 23 32
Denbighshire ...	61 103	613 06	6 27 05	99 03 1	145 82	42 6 01	6 6 300	...	0 01 73	1 27 6-
BAY OF BENGAL										
Jersey ...	63 021	863 96	4 15 05	98 01 1	108 82	41 x 80	3 3 389	...	0 04 74	1 18 81

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	$h_1h_1P_1P_1P_1$	$T_2T_2T_{d2}T_{d2}T_{x2}$ etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi ...	780 17	005 26	287 69	000 23	262 33	854 29	181 64	700 27	090 41	509 23

STATION	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi ...	509 91	501 94	799 94	501 02	039 90	551 55	539 60	212 56	668 09	151 37	446 60	049 91	695 62	019 94	825 19

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 (Hdddff)*

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	12	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Bogra ...	15 11	13 16	18 17	...	...	...	...	...	...	...	17 16	17 18	16 19	...	...	...	11 10	11 08	11 09	...	...	...	...	...
Dhor ...	22 10	22 13	21 15	16 15	10 13	11 10	...	...	...	...	...	...	...	...	...	...	22 16	21 13	17 15	14 13	11 15	13 16	13 16	21 19
Chittagong ...	20 12	18 12	17 14	17 15	15 11	15 09	...	...	...	...	17 18	17 17	19 13	18 12	17 11	...	10 10	16 15	17 15	15 06	15 06	17 06	...	...
Cox's Bazar ...	17 16	17 15	16 13	16 11	14 11	...	...	...	...	...	17 18	13 16	17 13	16 13	17 11	...	17 05	17 07	15 08	13 03	13 05	...	...	...
Dacca ...	15 13	15 13	15 12	15 14	12 11	14 13	14 08	13 10	...	...	18 13	19 15	18 13	17 12	...	...	10 04	14 05	17 08	13 01	...	...	...	...
Balbandir ...			16 05	17 05	13 07	15 06	02 03	31 07	30 13	34 16	...	...	04 05	02 09	01 04	35 02	...	...	07 05	09 12	08 11	15 04	33 03	...
Divar ...	...	...	...	...	29 08	22 10	01 04	32 10	33 34	...	...	...	...	...	29 01	21 06	...	...	...	...	02 03	33 02	33 07	17 03
Fort Sandeman ...	...	...	25 04	27 10	28 03	16 04	...	...	...	...	23 12	22 16	29 23	...	...	...	...	...	...	22 05	20 06	31 18	34 05	19 19
Sacobabac ...	20 05	21 04	16 02	09 05	17 04	08 17	05 10	27 02	30 03	33 10	23 17	22 15	26 13	14 08	11 05	05 14	21 20	19 17	21 11	21 03	22 03	11 06	07 29	07 07
Sheikh ...	31 04	33 05	22 05	29 04	30 17	29 16	34 18	29 25	...	...	04 02	33 06	29 10	30 11	29 05	33 09	06 04	14 04	21 12	27 06	33 03	31 07	34 04	33 03
Siwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	24 10	25 16	24 18	01 14	03 21	04 20	03 18	01 04	36 06	29 05	29 15	29 21	27 21	30 09	07 25	02 14	25 16	29 10	30 00	32 07	03 13	04 25	04 08	31 03
Khanpur ...	28 10	24 10	25 09	16 05	14 05	09 08	05 03	33 06	...	...	04 33	33 17	04 35	31 22	19 10	10 03	16 25	25 21	24 21	23 16	18 10	14 04	...	...
Lahore ...	25 10	20 10	26 13	29 14	29 14	31 17	31 19	34 16	33 28	27 29	13 04	33 04	26 07	29 17	30 13	...	10 06	16 03	33 04	17 13	33 14	31 16	35 09	33 13
Multar ...	21 07	20 05	23 10	33 11	...	...	...	...	...	...	29 39	33 20	33 24	33 13	33 13	...	33 20	33 20	34 17	33 11	31 09	33 04	04 13	10 04
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	03 08	33 08	10 05	35 05	33 08	...	34 03	01 03	07 04	10 33	33 07	33 13	10 04
Quetta ...					32 02	35 02	01 07	29 07	33 10	31 23	...	...	...	...	35 04	33 10	...	...	...	...	10 08	34 09	36 03	10 04
Bushire ...											...	...	...	...	...	...								
Shariat ...											...	...	...	...	...	...								

Cloud Observation Data (iiiGG Cddv, v_v)

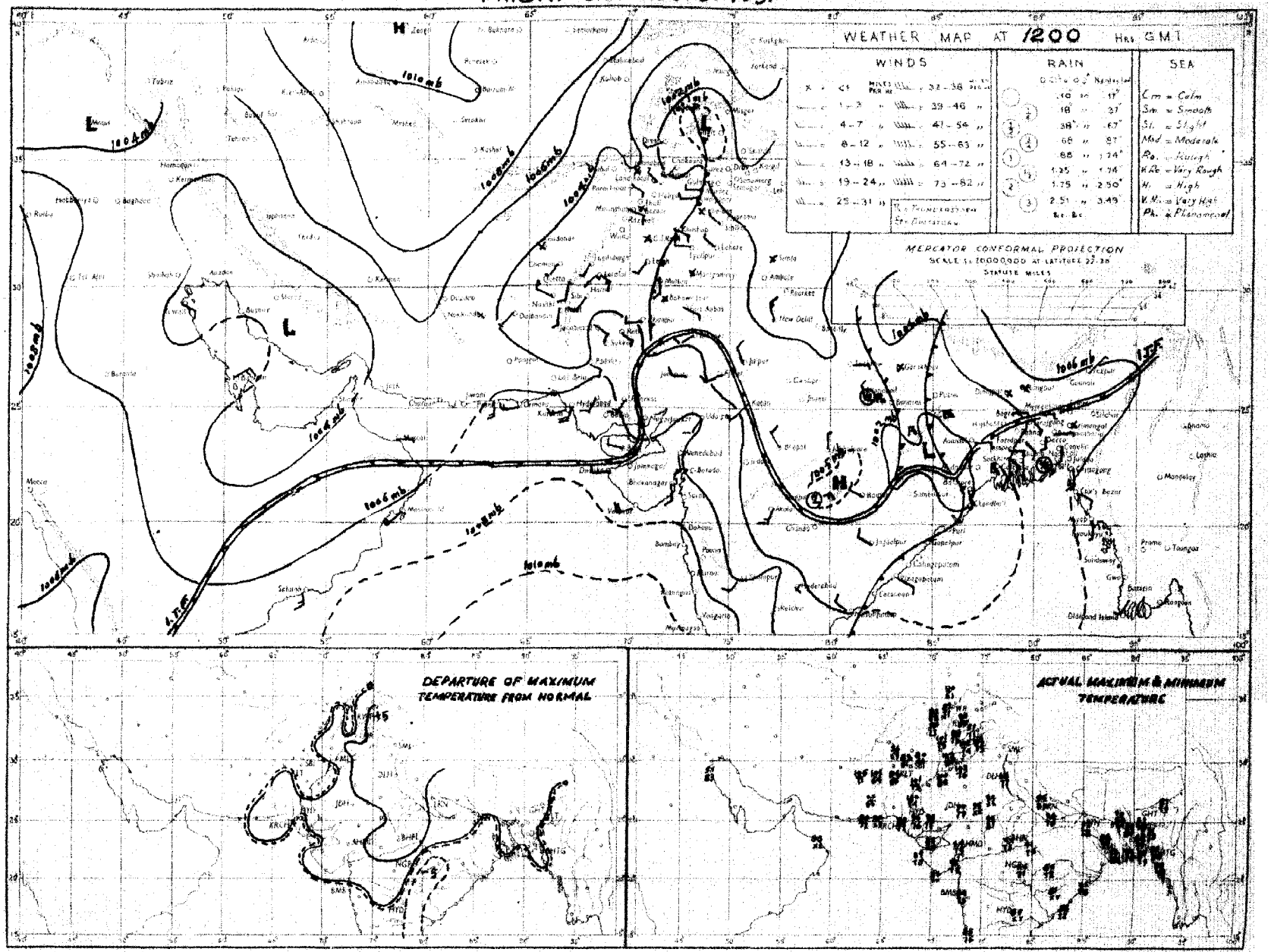
Dacca 81709 11195 41308

* 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 4.6 6.0, 7.5, and 9.9 km. The levels given at the head of the columns are the nearest convenient levels in thousands.

E. P. W.

PAKISTAN DAILY WEATHER MAP

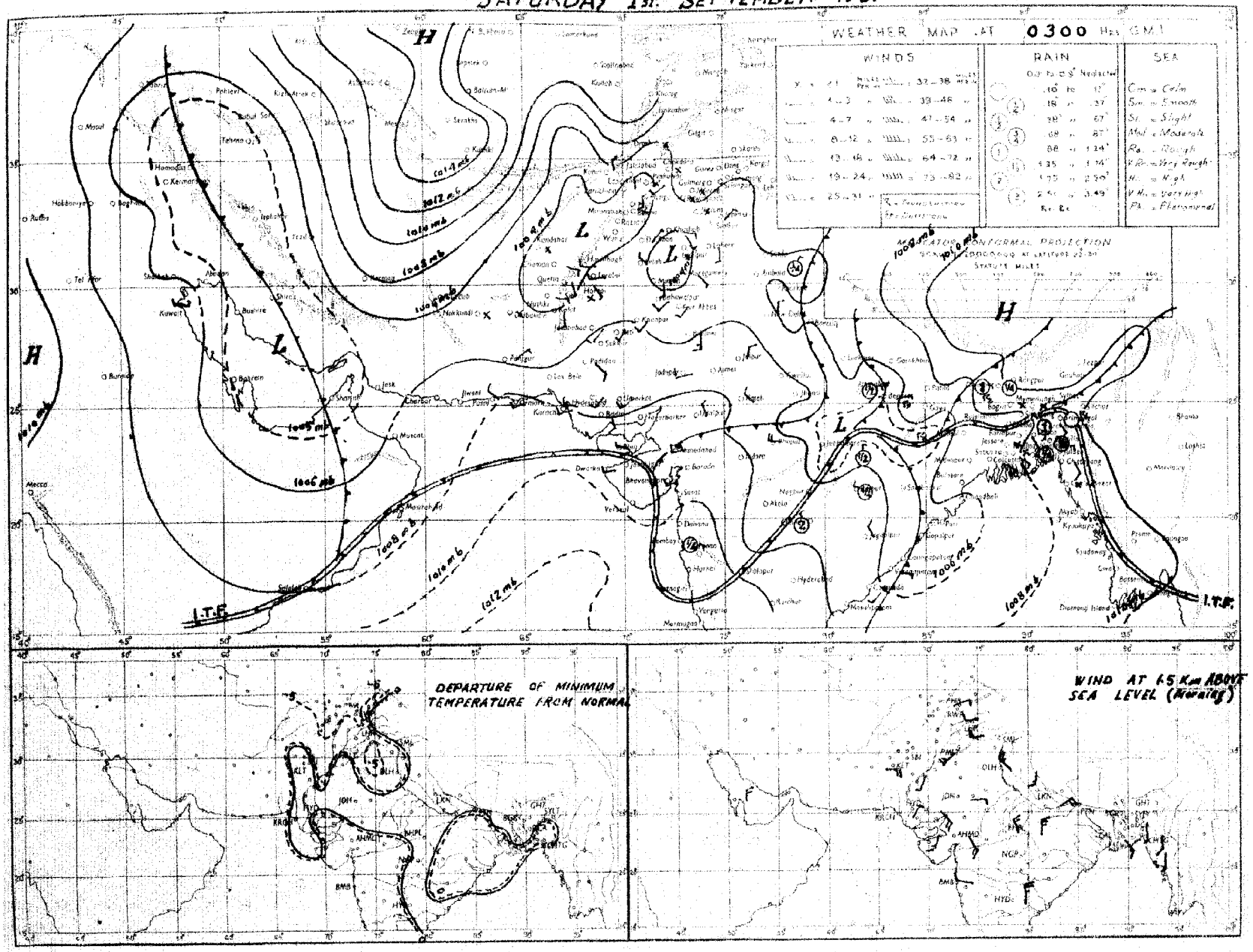
FRIDAY 31st AUGUST 1951



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 1st. SEPTEMBER 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 SUNDAY, THE 2ND SEPTEMBER, 1951

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

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

A trough of low has appeared in west central and adjoining north Bay of Bengal.

Another trough lies off Konkan Coast.

Local rain with scattered thunderstorms has occurred in Eastern and Deltaic sub-divisions of East Pakistan.

Chief amounts of rainfall are :—Chittagong 2", Faridpur ½" and Srimangal, Comilla and Satkhira ¼" each.

Day temperatures were appreciably to markedly above normal in the Punjab and southern districts of East Pakistan, and appreciably to markedly below normal in north-eastern districts of East Pakistan.

Forecast valid until the evening of 3rd :—Scattered thunderstorms/showers will occur in East Pakistan. Weather will continue to be dry over West Pakistan.

Karachi-11.
The 2nd September, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: RRRTdTd	NddfF	VVwwW	PPPTT	NhCLhCMCH	WtDsDMTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDsDMTnTn	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	4 18 02	96 01 1	056 85	2 3 6 3 1	- x x 91	006 79	4 09 00	96 01 6	098 81	3 7 5 3 0	- - x 77	+ 5	+ 1	76 8	- 19 5	85.0	140
	Chittagong	001 75	5 18 09	97 02 5	046 85	8 8 6 9 0	- - x 87	175 77	4 35 02	97 02 8	085 83	1 1 7 9 0	- - x 76	0	0	77.5	+ 11.4	107.2	105
	Comilla	000 79	8 18 05	05 08 1	041 82	8 5 7 8 0	- - x 83	018 79	8 18 05	98 02 6	091 82	8 5 7	- - - 80	- 6	+ 3	81 4	+ 26.6	83 0	118
	Brahmanbaria	000 78	4 09 00	97 08 1	054 84	4 4 5 0 0	- - 85	000 77	8 18 02	97 08 1	085 87	2 6 5 0 1	- x - 79	—	—	59.4	+ 0 1	49 8	94
	Dacca	xxx 78	7 08 00	99 02 9	044 84	3 8 6 0 4	- x - 81	xxx 79	7 22 02	97 08 2	082 85	x 4 4 0 0	- - 76	—	—	—	—	—	78
	Narayanganj	000 78	4 09 02	95 08 2	041 85	1 5 5 0 8	- x - 88	000 77	7 27 02	95 08 2	081 88	4 5 5 4	- - x 79	+ 1	0	49.7	+ 10.8	68.7	74
	Mymensingh	000 77	5 00 00	99 02 2	055 86	5 4 7 0 0	- - - 88	000 79	0 00 00	98 00 0	101 80	0 0 0 0 0	- - - 78	0	0	33 8	- 16.2	41 9	81
	Srimangal	006 79	7 00 00	96 03 6	046 84	5 5 7 0 2	- x - 87	024 77	4 00 00	97 02 1	058 85	2 5 7 3 0	- - x 75	- 3	0	52.4	+ 4.8	79 5	98
	Khulna	022 77	3 16 02	97 01 6	088 86	3 8 7 9 0	- x x 91	022 69	4 20 02	97 09 0	085 87	4 8 7 0 0	- - - 79	+ 3	+ 1	25.4	- 6.0	43 0	68
	Satkhira	020 79	6 18 02	97 08 1	036 86	4 4 7 5 0	- - x 88	027 77	6 12 02	97 02 1	088 87	6 8 7 6 0	- - x 78	- 1	0	25.3	- 12.7	33 8	66
	Jessore	012 79	4 09 02	96 02 6	037 85	4 8 6 0 0	- - - 93	012 80	4 00 00	97 01 1	079 87	4 8 6 0 0	- - x xx	—	—	26 0	- 10 1	33.1	65
	Faridpur	068 78	6 13 05	96 02 6	042 85	4 4 6 1 0	- - x 85	068 78	6 18 05	98 01 6	082 86	4 4 6 1 0	- - x 78	- 3	- 1	36.1	- 2.8	42.5	71
	Barisal	000 78	3 18 02	98 01 1	043 85	1 4 6 4 1	- x x 90	000 79	7 11 02	97 02 1	084 84	3 4 6 7 8	- x x 80	+ 3	0	35 6	- 11.5	45 0	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 79	6 00 00	99 01 2	030 83	4 2 8 - -	- - - 87	000 77	2 00 00	99 01 1	xxx 83	7 1 7 0 0	- - - 79	- 1	0	42.1	+ 5 9	63.1	64
	Bogra	000 79	5 18 02	96 01 1	030 85	1 1 7 0 2	- x - 89	000 77	4 18 02	96 01 1	078 87	3 1 6 0 1	- x - 79	0	+ 1	20.8	- 8.8	37.7	69
	Dinajpur	000 78	4 00 00	97 01 1	050 84	0 0 9 0 8	- x - 90	000 78	4 00 00	97 01 2	091 84	0 0 9 4 0	- - x 80	+ 1	+ 2	36 0	- 7.9	40.8	72
	Rangpur	000 xx	2 09 02	98 02 1	--- —	0 0 9 1 9	- - - xx	000 xx	3 00 00	96 02 1	— —	8 5 8 -	- - - xx	—	—	56.7	+ 9.4	67.5	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 55	0 20 02	96 00 0	008 01	0 0 0 0 0	- - - 07	000 66	0 12 02	95 04 0	043 80	0 0 0 0 0	- - - 74	+ 5	- 4	5.0	- 1 0	10.2	18
	Lahore	000 60	0 27 02	97 00 0	018 03	0 0 0 0 0	- - - 04	000 72	0 13 06	90 00 0	059 66	0 0 0 0 0	- - - 76	+ 7	0	8.9	- 3.6	14.9	19
	Sialkot	000 67	1 00 00	97 08 1	020 08	1 2 6 0 0	- - - 99	000 72	0 18 06	97 00 0	067 85	0 0 0 0 0	- - - 78	+ 5	+ 1	12.8	- 6.6	18.7	22
	Jhelum	000 71	1 00 00	98 01 1	021 07	1 1 7 0 0	- - 05	000 70	0 00 00	96 00 0	052 85	0 0 0 0 0	- - - 74	—	—	16.4	—	25.8	—
	Rawalpindi	000 60	0 00 00	99 00 0	027 07	0 0 0 0 0	- - - 09	000 76	0 00 00	99 00 0	063 68	0 0 0 0 0	- - - 73	+ 6	0	14 5	- 5.5	25.3	36
	Murree †	000 54	0 29 03	98 00 0	007 75	0 0 0 0 0	- - - 74	000 55	0 00 00	99 00 0	960 66	0 0 0 0 0	- - - 58	+ 5	+ 2	20.7	- 10.1	42.3	59
	Attock	xxx xx	0 26 05	98 00 0	— —	0 0 0 0 0	- - - —	xxx xx	0 03 02	98 00 0	— —	0 0 0 0 0	- - - xx	—	—	—	—	—	—
	Khushab	000 78	0 00 05	98 00 0	014 09	0 0 9 0 0	- - - xx	000 76	0 11 05	98 00 0	054 82	0 0 0 0 0	- - - 79	—	0	2.2	- 6.7	7.0	17
	Montgomery	000 55	0 00 00	98 00 0	022 01	0 0 9 0 0	- - - 02	000 68	0 17 03	98 00 0	057 86	0 0 0 0 0	- - - 76	+ 2	- 0	3.5	- 3.7	6.1	19
	Leiah	000 77	0 27 02	97 00 0	003 04	0 0 9 0 0	- - - 06	000 73	0 36 02	99 00 0	031 84	0 0 9 0 0	- - - 78	—	—	0.9	—	6 6	9
	Multan	000 60	0 28 05	97 00 0	021 01	0 0 9 0 0	- - - 02	000 68	0 25 02	97 00 0	062 84	0 0 9 0 0	- - - 78	+ 4	- 2	2 5	- 1.9	5.5	4
	Khanpur							000 72	0 23 09	95 05 0	061 88	0 0 9 0 9	- - - 78	—	- 1	0.4	- 4.3	1.9	6
	Bahawalpur	000 78	0 23 02	97 00 0	024 01	0 0 9 0 0	- - - 02	000 76	0 23 05	97 00 0	064 92	0 0 9 0 0	- - - 70	+ 1	- 8	1.9	- 3.3	5.0	6
	Fort Abbas							000 70	0 02 08	96 00 0	060 89	0 0 9 0 0	0 x x 78	—	—	0.9	—	1.8	8
N. W. F. P.	Drosh *	000 39	3 25 12	99 01 1	988 85	8 1 7 0 0	8 - - 91	000 38	0 00 00	99 00 0	897 71	0 0 9 0 0	- - - 69	0	- 1	1.2	—	21.5	18
	Chakdara	000 65	0 30 02	99 00 0	018 93	0 0 9 0 0	- - - 95	000 58	0 05 03	98 00 0	071 77	0 0 9 0 0	- - - 69	—	—	5 9	—	18.2	—
	Cherat *	000 57	0 19 10	97 00 0	954 88	0 0 9 0 0	- - - 88	000 55	0 15 04	97 00 0	973 75	0 0 9 0 0	- - - 71	+ 3	+ 3	5.2	- 6.0	27.8	21
	Peshawar							000 64	1 36 02	96 02 1	065 83	0 0 9 3 0	- - x 74	—	- 2	1.3	- 2.3	8.0	14
	Parachinar	000 48	3 13 02	99 01 1	970 83	0 0 9 8 0	5 x 7 85	000 50	0 36 02	xx 00 1	954 83	0 0 9 0 0	- - - 58	+ 1	- 6	8 9	—	26.5	20
	Miranshah	000 47	0 05 07	98 28 0	032 93	0 0 9 0 0	- - - 91	000 50	0 00 00	97 00 0	968 80	0 0 9 0 0	- - - 74	—	—	3 6	0 2	19.5	13
	Bannu	000 83	0 13 08	90 00 0	019 99	0 0 9 0 0	- - - 01	000 65	0 00 00	99 00 0	050 80	0 0 9 0 0	- - - 76	—	—	3.3	—	8.2	11
	D. I. Khan	000 77	0 05 02	96 00 0	052 04	0 0 9 0 0	- - - 03	000 72	0 05 02	96 00 0	050 82	0 0 9 0 0	- - - 75	+ 2	- 4	1.1	- 3.8	2.8	9
	Wana																		11
	Landikotal	000 66	2 13 03	98 02 1	934 88	2 4 9 0 0	- - - 91	090 62	1 00 00	98 01 0	983 82	1 4 6 0 0	- - - 68	—	—	2.4	—	11.9	—
	Hangu																		—
	Thull	xxx xx	0 18 09	99 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 09 09	99 00 0	— —	0 8 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 88	0 09 02	98 05 0	084 98	0 0 9 0 0	- - - 98	000 49	0 30 00	94 05 0	085 76	0 0 0 0 0	- - - 70	0	0	4.1	- 0.6	10 0	18
	Hindubagh	000 50	0 23 02	98 00 0	037 87	0 0 9 0 0	- - 90	000 49	0 00 00	97 00 0	071 72	0 0 9 0 0	- - - 66	—	—	0.2	—	9.5	—
	Loralai	000 60	0 00 00	97 00 0	019 88	0 0 9 0 0	- - - 91	000 54	0 00 00	97 00 0	062 71	0 0 9 0 0	- - - 62	—	—	1.7	—	8 2	—
	Harnai (a)	000 xx	2 25 05	05 01 1	— —	0 0 9 0 2	- - - —	000 xx	0 00 02	95 00 0	— —	0 0 9 0 0	- - - xx	—	—	2.0	- 4.6	10 6	14
	Sibi	000 55	0 23 05	98 00 0	016 08	0 0 9 0 0	- - - 04	000 63	9 00 00	98 00 0	055 82	0 0 9 0 0	- - - 79	—	—	2.2	—	3.8	5
	Quetta †	000 40	2 50 02	99 01 1	958 88	0 0 9 3 0	- - - 39	008 40	0 34 02	98 00 0	964 68	0 0 9 0 0	- - - 61	—	—	0.3	- 0.8	9.5	9
	Chaman	000 85	0 31 03	97 00 0	036 92	0 0 9 0 0	- - - 85	000 50	0 00 00	97 00 0	961 77	0 0 9 0 0	- - - 66	+ 1	+ 2	0	- 0.1	9.6	8
	Nushki	000 42	0 31 10	98 00 0	033 00	0 0 9 0 0	- - - 01	000 54	0 07 16	97 00 0	001 85	0 0 9 0 0	- - - 79	—	—	0	—	5 4	—
	Dalbandin *	000 48	0 25 05	97 00 0	036 00	0 0 9 0 0	- - - 02	000 47	0 05 02	91 00 0	945 76	0 0 9 0 0	- - - 65	- 1	0	0	- 0.8	1.6	4
	Nokkundi	000 39	0 24 09	99 00 0	986 02	0 0 9 0 0	- - - 05	000 49	0 34 05	99 00 0	028 86	0 0 9 0 0	- - - 78	—	—	0	—	0.9	2
	Kalat †	000 66	0 66 02	98 06 0	960 81	0 0 9 0 0	- - - 86	000 41	0 18 02	98 00 0	961 59	0 0 9 0 0	- - - 58	0	0	0.6	- 0.4	0.7	7
	Turbat	000 69	0 90 00	97 00 0	041 01	0 0 9 0 0	- - - 84	000 75	0 00 00	96 00 0	076 81	0 0 9 0 0	- - - 76	—	—	0	—	1.4	—
	Panjgur *	000 17	0 31 02	97 00 0	336 97	0 0 9 0 0	- - - 98	000 62	0 00 00	97 00 0	960 70	0 0 9 0 0	- - - 66	- 1	- 2	0	—	3.2	5
	Las Bela																		9
	Ormara	000 80	1 33 05	97 03 0	053 04	1 5 6 0 0	- - - 86	000 76	0 25 05	97 01 0	079 79	1 5 6 0 0	- - - 75	—	—	0.2	- 0.5	3.1	6
	Pasni	000 07	0 22 09	07 00 0	053 86	0 0 9 0 0	- - - 88	000 70	6 00 00	96 02 1	079 77	6 4 4 0 0	- - - 78	0	- 1	0.8	- 0.1	4.0	6
	Jiwani																		4
SIND	Beti	000 81	0 23 05	98 00 0	033 05	0 0 9 0 0	- - - 84	000 76	0 18 03	98 00 0	065 83	0 0 9 0 0	- - - 76	—	—	1.7	—	2.2	—
	Jacobabad	000 57	0 16 06	97 00 0	032 99	0 0 9 0 0	- - - 02	000 72	0 18 03	96 00 0	067 85	0 0 9 0 0	- - - 80	- 2	0	1.3	0.8	1.9	4
	Bukkar	000 48	0 xx x	98 00 0	032 01	0 0 9 0 0	- - - 01	000 72	0 xx xx	96 00 0	065 81	0 0 9 0 0	- - - 78	—	—	0.3	—	1.0	4
	Pad Idan	000 43	0 13 09	98 00 0	017 90	0 0 9 0 0	- - - 00	000 69	0 13 05	98 00 0	064 81	0 0 9 0 0	- - - 76	—	—	0.3	—	0.9	—
	Karachi (Manora)	000 75	2 25 09	98 01 1	055 85	2 1 5 0 0	- - - 87	000 74	2 27 05	98 03 1	978 80	2 4 4 0 0	- - - 77	+ 1	- 1	1.5	- 3.0	1.6	8
	Karachi (A. P.)	000 78	1 35 14	97 02 1	053 88	1 1 5 0 0	- - - 00	000 73	0 29 07	96 00 0	079 80	0 0 9 0 0	- - - 78	—	—	2.9	—	3.0	—
	Badin	000 63	0 19 05	97 00 0	045 92	0 0 9 0 0	- - - 94							+ 1					8
	Nagarparkar																		
	Chhor (Umarkot)	000 69	5 23 07	97 00 0	040 98	0 0 9 0 3	- - - 09	000 74	0 23 05	97 00 0	074 83	0 0 9 0 0	- - - 74	—	—	2.1	—	3.1	—
	Hyderabad	000 48	1 23 03	97 02 0	052 95	x x x x x	- - - 97	000 72	0 23 08	97 00 0	070 79	0 0 9 0 0	- - - 76	0	- 2	1.3	- 3.7	2.9	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul																		—
	Jalalabad							000 68	1 00 00	97 01 1	095 78	0 0 0 0 0	4 x 9 70	—	—	0.5	—	6.0	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 2ND SEPTEMBER, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VV ww W	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_xT_n$	Departure from Normal 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
Iran	Charba:	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Masbat	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Arabia	Muscat	000 78	2 09 05	97 00 0	048 85	0 0 9 8 0	- - - 88	000 89	3 09 02	97 00 0	064 84	0 0 9 2 0	- - - 78	- 2	—	0	0.1	5.3	
	Sharjah	-	-	-	-	—		000 XX	0 27 09	97 00 0	068 84	0 0 9 0 0	- - - 84	—	—	0	—	1.8	
	Kuwait	—	—	—	—	—	—												

* Barometer readings reduced to 1 geodynamic Kilometre : 2,350-2,356 feet according to latitude.
† Barometer readings reduced to 1 geodynamic Kilometre : 6,000-6,718 feet according to latitude.
†† Barometer readings reduced to 1 geodynamic Kilometre : 10,048,-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	8 N_s Ch_s h_s	O T_s T_s T_d T_d	$1d_w$ d_w P_{tv} H_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Saparoea	73 841	859 06	4 25 06	96 93 1	095 82	xx x xx	5 4 800	—	0 89 28	1 85 25
Jalamaya	73 101	794 18	1 27 05	96 00 1	102 82	1x x xx				
Bombay	73 085	788 15	0 29 05	94 93 0	095 78	00 9 00	7 8 200		—	
Bombay	72 946	780 12	3 32 09	89 93 0	074 75	82 8 80	7 4 800			
BAY OF BENGAL										

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

STATION	TEMP	CODE :—	iiiGG	$P_0P_0P_0T_0T_e$	$T_{d0}T_{d0}T_{m0}X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.	5555	$hhh_1P_1P_1P_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ 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	788 15	003 27	295 80	000 16	272 81	854 83	191 86	700 28	115 11	509 89	019 97	802 17	709 94	555 85	239 00	211 95	958 89	171 08	126 75	955 85	286 85	096 53	440 09	076 78	514 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)*

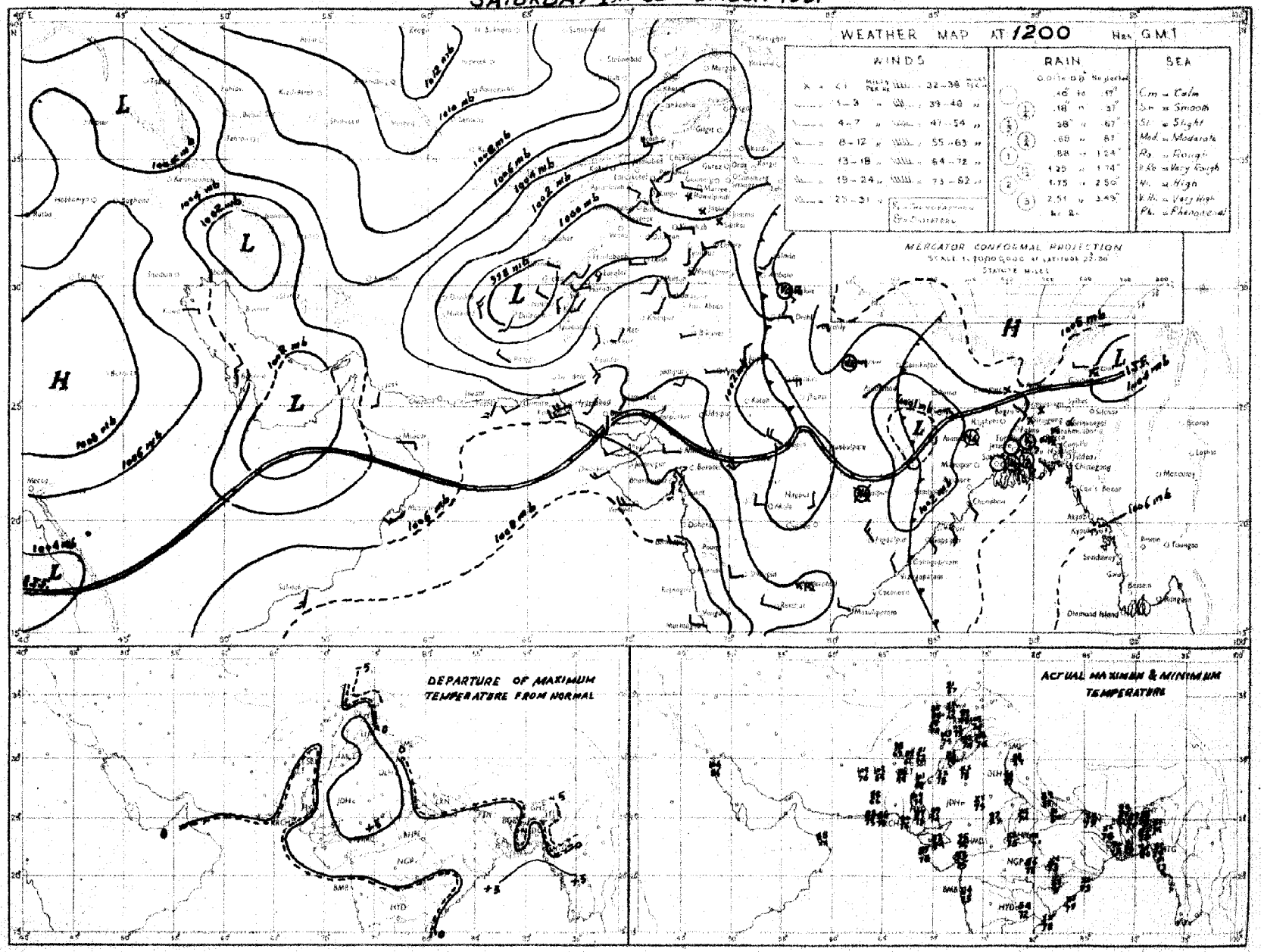
STATION	At 0900 hrs. G. M. T. of previous day † Height in Thousands of Feet. ‡										2100 hrs. G. M. T. of previous day † Height in Thousands of Feet ††						At 0300 hrs. G. M. T. of date † Height in Thousands of Feet. ‡‡							
	1	2	3	4	7	10	15	20	25	30	1	2	3	5	7	10	1	2	3	5	7	10	15	20
1	2	3	4	5	9	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	23	26	34	34
Bogra											18 06	17 98	21 86	—	11 06	11 09	16 06	19 04	14 03	07 85	—			
Chhor	21 13	21 09	21 09	15 15	15 15	15 15	17 11	22 15	19 05	29 05	—	—	—	—	—	—	24 15	23 16	19 16	17 15	15 15	13 20	14 17	20 13
Chittagong	—	—	—	—	—	—	—	—	—	—														
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	23 01	23 04	24 04	25 03	—	—	00 19	05 03	15 03	04 01	—	—	—	—
Dacca	—	—	—	—	—	—	—	—	—	—	18 04	20 05	23 02	00 06	00 03	—	19 03	11 02	09 03	00 04	03 05	—	—	—
Dalbandin	—	—	13 08	12 98	23 05	19 01	25 07	23 05	20 15	18 25	—	—	05 04	05 15	05 06	09 06	—	—	13 08	09 13	08 25	21 03	22 05	25 13
Drosh	—	—	—	—	22 10	18 11	18 11	—	—	—	—	—	—	—	—	—	—	—	—	—	27 11	04 91	25 06	25 14
Fort Sandeman	—	—	—	01 07	20 05	19 07	19 13	24 14	24 17	27 24	—	—	—	20 06	20 03	25 08	—	—	—	21 04	22 06	22 11	27 06	—
Hyderabad	19 13	19 13	18 08	11 03	08 08	08 15	09 16	21 07	23 05	25 06	21 21	20 13	20 13	19 16	17 09	08 14	21 17	18 15	15 15	16 17	21 05	17 03	23 25	—
Jacobabad	20 08	15 03	16 04	12 09	11 01	10 04	09 05	24 13	24 20	25 30	—	—	—	—	—	—	07 07	11 17	11 16	11 06	10 02	04 09	23 19	26 10
Jiwani											—	—	—	—	—	—								
Karachi	24 08	26 05	24 05	07 07	07 08	08 10	04 01	26 06	24 07	—	25 18	27 30	24 08	18 18	09 07	—	20 11	20 12	20 06	08 04	08 07	06 05	13 06	19 09
Khanpur	16 21	25 15	25 15	20 10	18 10	18 08	08 16	22 08	27 08	—	—	—	—	—	—	—	15 20	18 20	14 15	15 11	18 07	09 07	03 04	25 09
Lahore	21 07	20 05	25 07	24 08	24 02	22 09	20 12	23 23	25 33	—	—	—	—	—	—	—	17 04	20 08	20 10	18 14	22 07	20 07	04 07	—
Mianwali	21 27	22 16	22 16	21 16	22 13	22 12	—	—	—	—	—	—	—	—	—	—	25 22	23 21	22 20	23 17	24 09	24 04	04 17	—
Peshawar	—	08 01	16 08	22 09	24 08	22 05	27 08	25 12	25 21	25 45	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta					22 06	20 07	20 06	26 22	25 09	27 15	—	—	—	—	10 09	22 10	—	—	—	—	23 08	20 07	11 04	—
Rohri											—	—	—	—	—	—								
Sharnai																								

* 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 air data relate are S.L., 0.5, 1.0, 1.5, 2.0, 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.

Cloud Observation Data (iiiGG Cddv. v.)

PAKISTAN DAILY WEATHER MAP

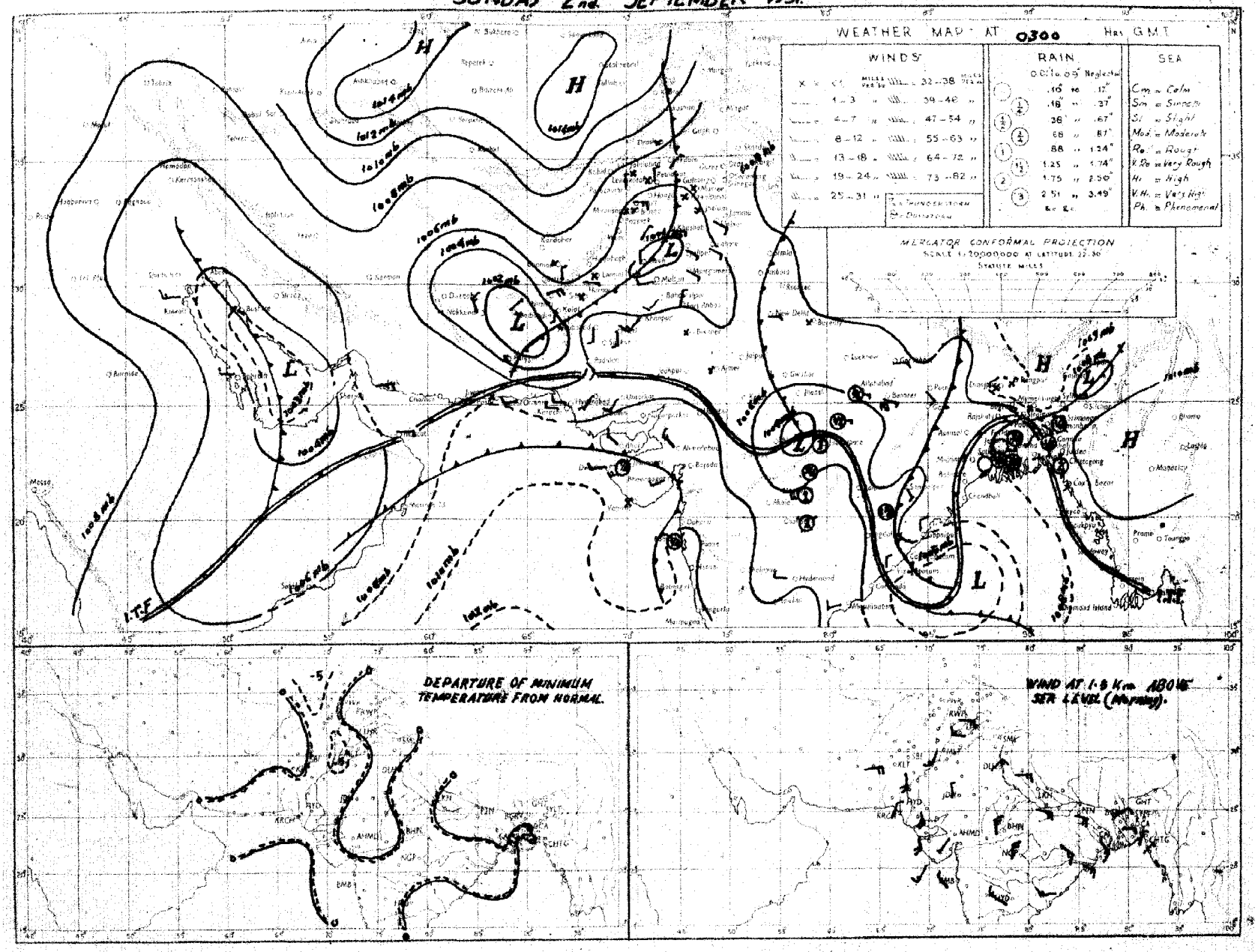
SATURDAY 1st: SEPTEMBER 1951



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 2nd SEPTEMBER 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 MONDAY, THE 3RD SEPTEMBER, 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 Kashmir.

Trough of low extends from the central parts of India to Arakan coast across north and adjoining central Bay.

Local thunderstorms/showers have occurred in East Pakistan and the North-West Frontier Province.

Chief amounts of rainfall are :—Comilla 2", Chittagong 1½", Narayanganj 1" and Cox's Bazar ½".

Day temperatures were appreciably to markedly above normal in the plains of Punjab and the Deltaic East Pakistan.

Forecast valid until the evening of 4th :—Thunderstorms/showers will be local in East Pakistan and scattered in the North-West Frontier Province, Kashmir, and the adjoining Punjab.

Karachi-11.
The 3rd September, 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	000 75	3 23 02	96 01 1	032 85	2 3 6 0 0	- - - 89	020 76	3 00 00	96 91 6	078 76	2 2 6 3 0	- - x 75	+ 3	- 1	76.3	20.2	86.0	140
	Chittagong	001 77	5 25 09	97 02 1	036 84	2 5 6 1 1	- x x 89	142 76	0 05 02	97 02 6	074 82	2 1 6 7 9	- x x 75	+ 2	- 1	78.9	+12.2	108.7	105
	Comilla	000 78	4 31 05	95 03 1	021 89	4 4 7 0 0	- - - 89	250 76	5 05 02	95 02 6	073 77	6 5 7 0 0	- - - 75	+ 1	- 2	83.9	+30.6	90.6	118
	Brahmanbaria	000 78	2 00 00	97 03 7	038 89	2 4 5 0 0	- - - 92	298 78	6 18 02	97 01 9	xxx xx	6 0 7 2 0	4 x x 76	—	—	42.4	+ 2.6	52.3	94
	Dacca	xxx 78	4 27 02	96 02 2	018 87	3 3 4 7 0	- - x 90	xxx 77	8 00 00	95 95 9	070 79	8 3 4 2	- x 76	—	—	—	—		78
	Narayanganj	000 77	5 00 00	95 01 1	029 88	1 2 5 0 8	- x 90	095 77	8 00 00	96 51 6	065 78	0 0 9 0 7	- x - 78	+ 2	- 3	64.7	+10.9	69.6	74
	Mymensingh	000 77	5 00 00	99 02 1	055 86	5 4 7 0 0	- - - 87	000 76	0 00 00	99 00 0	070 84	0 0 9 0 0	- - - 80	1	+ 2	33.8	- 16.6	41.9	91
	Srimangal	006 77	5 00 00	96 02 1	030 87	3 8 7 0 1	- x - 91	000 78	6 23 02	97 02 1	076 84	3 2 5 3 2	- x x 77	+ 1	+ 2	52.4	+ 3.5	79.5	98
	Khulna	000 77	2 00 00	97 01 0	037 90	3 8 8 0 0	- - - 93	000 80	6 00 00	96 03 2	074 84	6 8 7 - -	- - - 81	+ 5	+ 3	25.4	6.3	48.9	68
	Satkhira	000 79	6 13 09	97 02 1	048 87	5 4 7 5 0	- - x 88	000 78	5 31 02	97 08 1	073 84	4 4 7 4 0	- - x 79	1	+ 1	25.3	13.1	38.8	65
	Jessore	000 75	4 00 00	97 02 3	032 91	4 3 6 0 0	- - - 95	000 80	8 00 00	96 02 2	088 84	0 0 9 2 0	- - x xx		—	10.5	—	33.1	65
	Faridpur	000 78	3 18 02	96 01 1	028 88	2 4 6 0 8	- x - 86	000 80	8 00 00	97 02 2	071 82	6 6 5 1 0	- - x 80	0	+ 1	16.1	- 2.7	43.5	71
	Barisal	000 78	2 00 00	98 01 0	034 88	0 0 9 0 8	- x - 91	022 80	8 00 00	96 61 6	072 81	5 7 5 2 6	- - - 81	+ 4	+ 3	35.9	11.7	45.2	87
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 77	1 00 00	99 01 1	018 87	1 1 7 0 0	- - - 89	000 80	0 00 00	99 03 2	053 87	5 2 7 - -	- - - 81	+ 1	+ 2	42.1	+ 5.6	62.1	66
	Bogra	000 79	3 27 02	96 01 1	028 89	2 1 7 0 1	- x - 92	000 80	4 23 02	96 01 6	045 88	1 1 6 0 1	- - - 81	+ 3	+ 3	30.8	9.2	37.7	69
	Dinajpur	000 78	5 00 00	97 01 1	050 81	0 0 9 0 8	- x - 90	000 79	0 00 00	97 00 0	079 80	0 0 9 0 0	- - - 81	+ 1	+ 3	56.0	- 6.4	40.3	72
	Rangpur	009 xx	4 00 00	98 02 1	— —	4 1 6 0 0	- - - xx	000 xx	2 09 02	98 02 1	— —	0 0 9 1 0	- - x xx	—	—	58.2	+ 6.6	67.5	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	006 59	0 20 02	96 00 0	015 92	0 0 9 0 0	- - - 94	000 65	0 18 02	95 04 0	048 81	0 0 9 0 0	- - - 74	+ 7	4	5.0	2.5	10.2	19
	Lahore	000 65	0 00 00	97 09 0	020 92	0 0 9 0 0	- - - 91	000 68	0 00 00	96 00 0	052 86	0 0 9 9 0	- - - 77	+ 7	+ 1	9.9	2.8	14.0	19
	Sialkot	000 72	0 13 02	97 00 0	024 97	0 0 9 0 0	- - - 98	000 73	0 08 02	97 00 0	054 85	0 0 7 9 0	- - - 80	+ 4	+ 5	12.8	6.9	15.7	32
	Jhelum	000 76	0 18 02	97 08 0	026 97	0 0 9 0 0	- - - 97	000 74	0 00 09	95 05 0	056 86	0 0 9 0 0	- - - 77	—	—	16.4	—	25.8	—
	Rawalpindi	000 64	0 00 00	99 00 0	026 91	0 0 9 0 0	- - - 97	000 67	0 00 00	99 00 0	045 85	0 0 9 0 0	- - - 75	+ 4	0	14.5	5.8	25.2	36
	Murree †	000 58	2 00 00	98 01 1	999 71	2 1 4 0 0	5 x x 73	000 50	0 31 03	97 00 1	979 69	0 0 9 0 0	- - - 59	+ 4	+ 5	20.7	10.2	42.8	59
	Attock	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 36 05	93 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—		
	Khushab	000 79	0 11 05	98 00 0	021 01	0 0 9 0 0	- - - 01	000 77	0 09 05	98 00 0	047 80	0 0 9 0 0	- - - 80	+ 2	+ 1	2.2	4.2	7.9	17
	Montgomery	000 57	0 00 00	96 00 0	026 02	0 0 9 0 0	- - - 05	000 68	0 00 00	96 00 0	049 85	0 0 9 0 0	- - - 76	+ 4	- 4	2.5	3.8	6.1	10
	Leiah	000 78	0 00 00	97 00 0	025 06	0 0 9 0 0	- - 07	000 75	0 31 02	97 00 0	067 86	0 0 9 0 0	- - - 78	—	—	0.9	—	6.6	8
	Multan	000 59	0 21 06	97 00 0	022 02	0 0 9 0 0	- - - 04	000 67	0 23 02	97 00 0	050 85	0 0 0 0 0	- - - 78	+ 6	- 8	2.5	2.0	5.5	4
	Khanpur	000 72	0 28 07	95 05 0	049 83	0 0 9 0 0	- - - 04	000 73	0 27 07	95 05 0	065 85	0 0 9 0 0	- - - 79	+ 1	0	0.3	4.3	1.0	4
	Bahawalpur	000 77	0 23 02	97 00 0	020 01	0 0 9 0 0	- - 02	000 79	0 25 03	97 00 0	057 84	0 0 9 0 0	- - - 78	+ 1	0	1.9	2.2	5.0	6
	Fort Abbas	000 95	0 23 02	96 00 0	000 05	0 0 9 4 0	0 x x 97	000 70	7 36 04	97 03 6	066 85	3 5 6 3	- - x 80	—	—	0.9		7.8	5
N. W. F. P.	Drosh *							000 42	0 00 00	99 00 0	993 69	0 0 9 0 0	- - - 84		- 4	1.2	—	21.5	18
	Chakdara	000 68	6 27 03	99 03 1	986 87	6 5 6 0 9	1 x x 85	000 57	0 36 02	98 00 0	043 75	0 0 9 0 0	- - - 86	—	—	5.9	—	18.2	—
	Cherat *	000 55	2 13 06	97 01 1	005 86	2 1 9 0 0	3 x x 83	000 49	0 34 02	98 00 0	932 74	0 0 9 0 0	- - - 82	+ 3	- 6	5.2	- 5.1	27.3	22
	Peshawar	000 37	7 29 16	98 95 2	045 79	7 9 5 0 0	1 x x 97	000 66	0 00 00	97 00 9	073 88	0 0 9 0 0	- - - 71	0	- 5	1.3	2.4	8.6	14
	Parachinar	005 48	5 06 02	96 02 2	078 75	2 2 7 6 0	5 x 7 83	005 48	0 00 00	99 00 1	979 69	0 0 9 0 0	- - - 63	+ 1	2	6.9	—	26.5	20
	Miranshah	000 46	5 34 03	95 29 9	951 87	0 0 9 3 4	- - - 95	000 51	0 00 00	99 00 0	964 76	0 0 9 9 0	- - - 73	—	—	3.6	0.2	10.5	18
	Bannu	000 61	3 18 03	99 03 0	024 99	0 0 9 1 0	- - - 03	000 58	0 36 05	93 00 0	069 80	0 0 9 9 0	- - - 76	—	—	3.3	—	8.3	12
	D. I. Khan							000 71	0 05 02	95 00 0	047 83	0 0 9 0 0	- - - 71		- 8	1.1	3.6	2.8	9
	Wana																		
	Landikotal	005 60	5 13 03	90 03 9	961 73	8 7 5 0 0	- - - 90	695 65	0 00 00	99 00 1	967 76	0 0 9 0 0	- - - 62	—	—	2.4	—	11.9	11
	Hangu							xxx xx	0 00 00	97 00 5	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Thull	xxx xx	3 18 18	98 01 1	— —	2 8 6 1 0	- - - —	xxx xx	0 09 09	99 00 0	— —	0 0 9 0 6	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 41	4 09 04	96 91 1	998 87	1 6 5 4 0	- - - 96	000 47	0 30 00	98 00 0	997 78	0 0 9 0 0	- - - 67	- 1	3	4.1	- 0.6	10.0	13
	Hindubagh	000 45	3 07 09	97 02 1	925 90	3 2 8 0 9	7 x x 92	000 40	0 23 00	98 00 0	972 75	0 0 9 0 0	- - - 67	—	—	9.2	—	8.5	—
	Loralai	000 57	0 23 09	97 09 0	939 87	0 0 9 0 0	- - - 89	000 50	0 00 00	97 00 0	970 88	0 0 9 0 0	- - - 68	—		1.7		8.2	—
	Harnai (a)	000 xx	2 21 09	94 01 2	— —	0 0 9 0 5	- - - —	000 xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - xx		—	2.0	4.7	10.6	14
	Sibi	000 66	0 23 05	95 00 0	027 03	0 0 9 0 0	- - - 03	000 79	0 00 00	95 00 0	063 82	0 0 9 0 0	- - - 78	—	—	2.2	—	8.8	8
	Quetta †	000 35	3 30 02	99 01 1	959 89	0 0 9 3 0	- - - 91	000 53	0 00 00	98 00 0	974 67	0 0 9 0 0	- - - 59	—	—	0.8	- 0.2	9.2	9
	Chaman	000 70	0 31 03	97 00 0	922 94	0 0 9 2 0	- - - 96	000 49	0 18 02	97 00 0	909 77	0 0 9 0 0	- - - 65	+ 2	- 2	0		9.6	8
	Nushki	000 62	0 20 09	98 00 0	988 01	0 0 9 0 0	- - - 04	000 55	0 09 07	97 00 0	911 86	0 0 9 0 0	- - - 80		—	0	—	5.4	
	Dalbandin *	000 48	0 13 02	97 00 0	942 03	0 0 9 0 0	- - - 03	000 59	0 00 00	97 00 0	960 79	0 0 9 0 0	- - - 88	+ 2	+ 3	0	- 0.3	1.2	4
	Nokkundi	000 79	0 20 03	99 00 0	985 01	0 0 9 0 0	- - - 06	000 9	0 00 00	99 00 0	048 70	0 0 9 0 0	- - - 74	—	—	0	—	0.9	3
	Kalat †	000 72	0 13 06	97 00 0	987 80	0 0 9 0 0	- - - 87	000 45	0 18 05	98 00 0	992 64	0 0 9 0 0	- - - 64	+ 1	+ 1	0.7	0.4	0.7	7
	Turbat	000 54	0 18 02	97 00 0	067 00	0 0 9 0 0	- - - 03	000 76	0 23 02	96 00 0	099 80	0 0 9 0 0	- - - 76	—	—	0	—	1.4	—
	Panjgur *	000 30	2 36 02	97 02 0	026 87	0 0 9 2 0	- - - 90	000 64	0 31 02	97 00 0	974 75	0 0 9 0 0	- - - 66	0	- 2	0	—	3.3	5
	Las Bela																		5
	Ormara	000 79	0 22 05	97 00 0	035 86	0 0 9 0 0	- - - 87							—					5
	Pasni	000 69	0 23 10	98 00 0	044 84	0 0 9 0 0	- - - 87	000 60	0 00 00	96 00 0	095 78	0 0 9 0 0	- - - 71	- 1	3	0.3	0.1	4.0	6
	Jiwani																		4
SIND	Reti	000 81	0 27 05	96 00 0	046 03	0 0 9 0 0	- - - xx	000 76	0 23 03	96 00 0	081 83	0 0 9 0 0	- - - 83	—		1.7	—	2.2	—
	Jacobabad	000 70	0 18 07	97 00 0	041 00	0 0 9 0 0	- - - 01	000 70	0 18 02	96 00 0	070 83	0 0 9 0 0	- - - 80	- 2	3	1.3	0.8	1.9	4
	Sukkur	000 74	0 xx x	94 00 0	041 01	0 0 9 0 0	- - - 02	000 72	0 xx xx	96 00 0	067 81	0 0 9 0 0	- - - 78	—		0.6	—	1.0	4
	Pad Idan	000 80	0 23 03	96 00 0	047 03	0 0 9 0 0	- - - 00	000 80	0 15 06	96 00 0	068 81	0 0 9 0 0	- - - 79	—		0.5	—	0.9	
	Karachi (Manora)	000 75	1 25 05	98 01 1	084 85	1 6 4 0 0	- - - 87	000 73	0 27 05	97 00 0	075 80	0 0 9 0 0	- - - 77	+ 1	- 1	1.5	- 4.0	1.6	8
	Karachi (A. P.)	000 73	1 30 09	97 01 1	067 85	1 4 5 0 9	- - - 88	000 74	0 27 00	97 00 0	086 80	0 0 0 0 0	- - - 77	—	—	3.0		3.0	
	Badin	000 65	0 10 05	97 00 0	059 92	0 0 9 0 0	- - - 94	000 72	0 18 05	97 00 0	080 80	0 0 9 0 0	- - - 76	+ 1	3	7.0	+ 0.6	7.0	9
	Nagarparkar																		
	Umar (Umarkot)	000 72	0 25 02	97 00 0	046 97	0 0 9 0 0	- - - 02	000 74	0 25 04	97 00 0	079 82	0 0 9 0 0	- - - 76	—	—	2.1	—	2.1	
	Hyderabad	000 67	1 30 03	97 00 0	066 95	0 0 9 0 0	- - - 06	000 71	0 23 02	97 00 0	079 79	0 0 0 0 0	- - - 76	- 1	- 2	1.8	- 3.7	2.8	7
JUNAGADH	Veraval																		22
AFGHANISTAN	Kabul	000 44	2 02 02	98 02 0	993 96	1 1 6 4 0	5 0 0 37	000 33	0 29 03	98 00 0	013 61	0 0 0 0 0	- - - 53	—	—	0.7	—	10.6	—
	Jalalabad	000 71	3 03 03	97 01 1	990 96	0 0 0 7 0	4 x 2 xx	000 63	0 00 00	97 00 1	997 69	0 0 0 0 0	x x - 65	—	—	0.5	—	6.9	—
	Kandahar																		—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 3RD SEPTEMBER, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day.						At 0300 Hrs. G. M. T. of date.						Departure from Normal		Rainfall			Normal Rainfall
		RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_xT_x$	RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_nT_n$	$T_x T_x$	$T_n T_n$	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
Iran	Charbar	-	-	-	-	.	.	-	.	.	.	.	.	-	-	-	-	-	4
	Jask	-	-	-	-									-	-	-	-	-	3
	Mashed	-	-	-	-									-	-	-	-	-	18
	Bushire	-	...	-	-									-	-	-	-	-	11
Arabia	Muscat	000 75	0 09 02	97 09	0 051 84	0 0 0 0 0	- - - 86	000 79	0 18 02	96 01	2 082 88	0 2 0 0 0	- - - XX	- 6	X	0	- 0.1	8.3	4
	Sharjah	000 XX	0 27 05	97 08	0 044 18	0 0 0 0 0	- - - 18	000 XX	0 25 05	97 00	0 064 86	0 0 0 0 0	- - - 87	...	...	0	...	1.5	4
	Kuwait																		1

* Barometer readings reduced to 1 geodynamic Kilometre (3,280-3,356 feet according to latitude. (a) Reports only rainfall.
† Barometer readings reduced to 2 geodynamic Kilometre (6,599-6,715 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	$N_h C_L hC_M C_H$	$D_a v_a$ app	8 $N_s Ch_s h_s$	O $I_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
alamayar	13 196	716 00	1 27 09	99 01 1	x96 86	x9 4 83	1 x xxx	—	—	—
urenda	13 227	655 00	1 25 09	97 02 0	072 79	11 x 00	5 4 805	—	0 xx 78	—
anenda	13 224	656 13	1 25 09	98 02 0	074 78	11 x 00	5 4 803	—	0 52 78	—
Circassai	13 181	650 13	8 29 03	00 02 2	076 86	8x 8 00	...	—	—	—
Bombay	13 095	707 13	2 32 10	00 02 0	084 70	22 6 00	5 4 800	—	—	—
Dara	13 251	599 16	4 26 03	99 02 1	087 81	46 7 00	7 5 820	—	0 51 74	1 22 xx
Jalamayar	13 216	692 16	0 23 09	98 00 1	083 81	00 9 00	...	—	—	—
Bombay	13 093	702 16	0 32 03	96 01 0	101 77	00 9 00	7 4 804	—	—	—
Jalamayar	13 211	699 13	1 25 09	98 00 2	078 84	1x 7 xx	...	—	—	—
Jalazarhmi	13 208	696 13	2 23 05	98 02 0	084 83	21 6 00	3 5 810	8 2 880	0 00 74	1 22 22
Assuria	13 091	764 06	6 15 02	98 02 2	120 98	12 5 08	—	—	—	—
Jalnmayur	13 204	707 06	3 27 09	96 00 1	094 82	31 8 10	—	—	—	—
Durenda	13 231	645 06	1 26 05	97 02 0	094 83	11 x 00	5 4 810	—	0 55 78	—
Lawak	13 180	750 06	4 23 11	98 02 0	101 79	49 5 00	3 5 011	—	0 51 78	1 22 32
Circassia	13 156	656 06	7 20 13	98 02 2	153 81	75 6 00	—	—	—	—
Groix	13 050	666 06	1 34 05	99 02 0	159 89	11 6 00	6 4 806	—	0 52 xx	1 00 xx
Jalrashmi	13 215	692 06	4 20 06	98 02 1	081 84	61 7 40	3 3 800	8 5 850	0 52 78	1 13 33
Bmpite Fowey	12 099	799 06	5 32 09	99 16 0	142 82	82 6 00	6 4 805	—	0 52 81	—
Flying Clipper	13 245	670 06	1 11 01	96 02 6	093 88	00 9 01	4 5 800	—	0 03 00	1 28 22
Circassa	13 149	668 13	8 23 24	95 02 2	088 88	85 6 00	—	—	—	—
BAY OF BENGAL										
Durenda	13 217	627 18	1 26 07	98 02 0	094 77	11 x 00	5 4 108	—	0 51 78	—

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—		iiiGG		PoPoPoToTo		TdoTdoTxoX₁X₂				P₁P₁h₁h₁h₁		T₁T₁TdTdTx₁ etc.				5555		h₁h₁P₁P₁P₁				T₁T₁TdTdTx₁ 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 15	006 27	229 60	006 24	262 21	854 91	191 38	700 32	115 54	509 26	519 21	202 11	779 91	201 26	019 60	656 55	339 00	311 79	668 00	170 77	806 26	076 54	466 00	076 11	615 65

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	12	11	13	15	14	15	16	17	18	19	20	21	23	23	24	25
Bogra	15 04	17 06	18 05	12 08	...	...	...	...	...	...	24 05	14 03	31 02	01 03	05 03	...	24 03	31 05	04 08	06 11	08 13	05 13	10 11	08 03
Chhor	22 13	21 16	20 20	19 19	16 15	18 21	12 24	...	...	...	...	...	...	...	...	...	24 17	23 17	21 15	17 14	15 17	15 13	13 15	21 10
Chittagong	19 07	20 08	23 04	03 03	04 07	02 07	10 08	...	...	...	...	...	...	...	...	...	23 06	23 06	23 04	20 05	01 06	03 03	03 05	09 09
Cox's Bazar	27 09	25 04	23 04	01 04	05 04	02 25	25 06	05 07	...	...	...	...	...	...	...	...	26 07	20 07	18 05	15 05	25 03	05 05	...	...
Dacca	22 05	22 09	22 03	...	...	...	...	...	...	...	27 10	21 06	22 03	26 08	...	...	...	...	...	...	...	...	20 11	24 04
Daibandit	...	...	18 02	17 07	18 05	12 02	09 11	15 07	26 16	25 17	...	...	25 03	20 05	23 03	08 05	...	...	27 01	16 05	06 11	02 04	15 05	24 04
Drosr	...	...	...	...	22 05	19 06	21 10	...	...	...	...	...	...	24 01	01 01	18 03	...	...	...	...	21 05	22 03	25 04	...
Fort Sandeman	...	...	...	24 04	03 01	24 02	17 04	...	...	...	...	...	...	01 01	29 10	21 16	...	...	...	15 04	15 05	06 09	20 06	...
Faco babac	15 07	16 09	16 05	15 04	13 06	07 09	11 20	15 05	27 10	25 10	20 17	21 22	21 11	19 03	03 01	09 15	21 15	21 13	20 06	23 03	14 05	03 12	09 15	27 09
Jhelum	15 06	15 06	15 07	20 04	26 05	3 04	24 04	25 17	...	...	18 04	15 07	15 05	25 01	31 04	20 13	01 04	11 08	11 06	04 01	20 06	02 13	23 09	...
Niwan:	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi:	24 13	24 09	30 04	07 08	07 09	09 11	14 09	22 13	27 05	28 04	26 13	25 14	24 11	18 10	09 04	...	25 13	25 15	24 16	17 06	19 11	10 11	17 08	...
Khanpur:	25 20	24 06	23 07	21 10	15 04	07 10	11 04	16 07	24 11	...	...	...	...	...	...	...	24 22	23 23	23 21	24 11	21 09	14 05	...	...
Lawari	23 05	21 04	19 06	25 05	25 11	29 15	02 08	14 06	25 24	23 13	14 13	17 03	22 09	21 04	15 02	22 05	25 23	25 06	18 07	20 10	26 13	24 11	25 07	...
Multar	18 13	23 13	23 13	20 15	18 07	29 05	03 10	13 08	24 28	24 28	22 22	23 19	23 17	21 13	24 06	03 03	25 19	26 13	24 11	24 13	24 07	20 11	24 06	24 04
Peshawa:	...	05 05	16 05	19 04	27 03	28 06	27 12	27 16	26 21	25 29	...	...	...	...	27 01	...	...	07 06	09 05	29 07	29 05	20 10	25 17	21 16
Quetta					01 02	25 02	16 03	22 04	28 16	29 29	...	...	...	...	...	...	...	...	...	...	29 09	29 04	29 09	...
Bush re											...	...	...	...	...	...							...	
Shariar																								

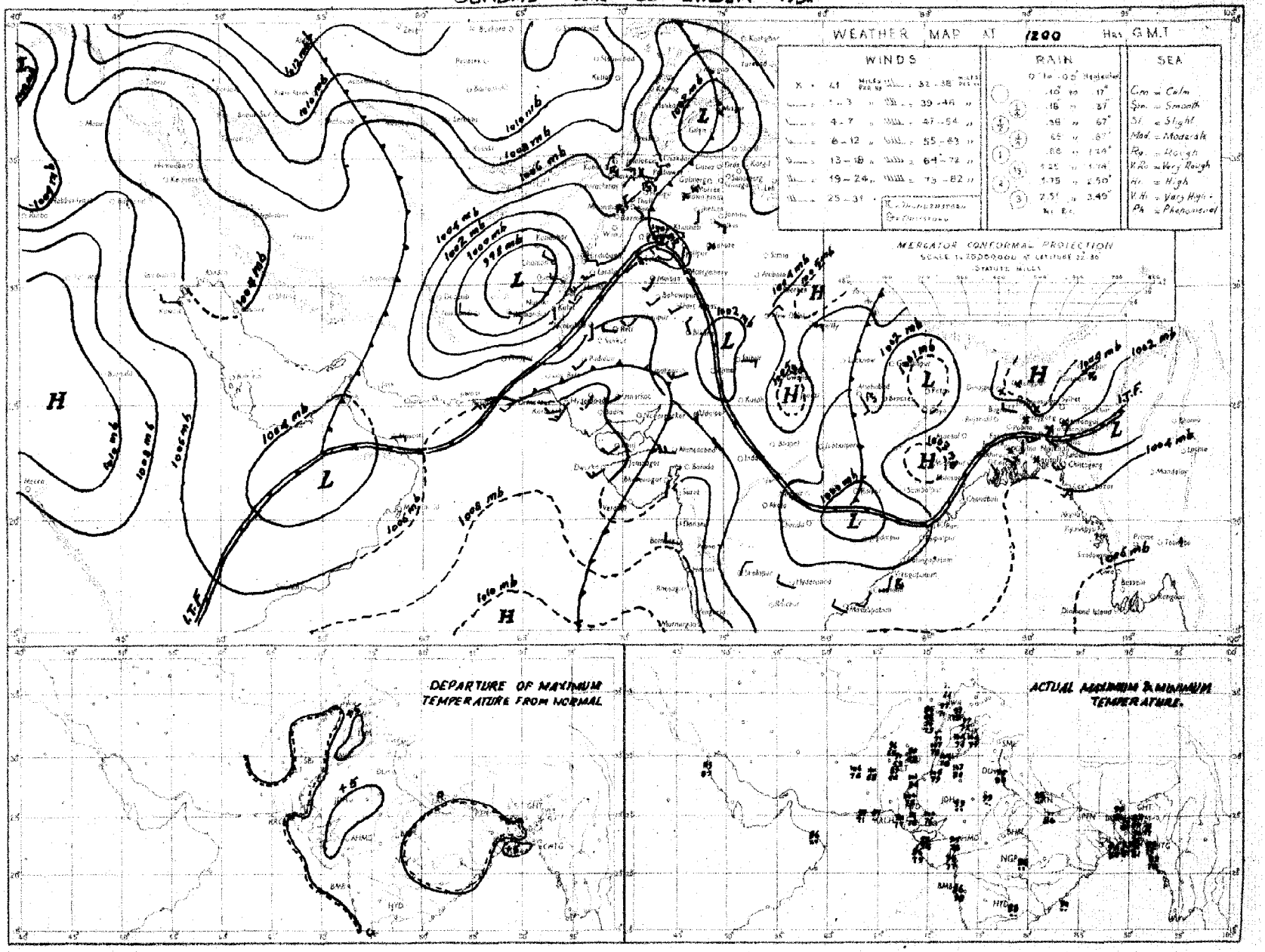
Cloud Observation Data (iiiGG Cddv, v,)

* 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 wind relate are 0.5, 0.6, 0.8, 1.0, 1.1, 2.0 4.0 6.0, 7.0, and 9.0 km. The levels given as the head of the columns are the nearest equivalent levels in thousands.

H. P. W.

PAKISTAN DAILY WEATHER MAP

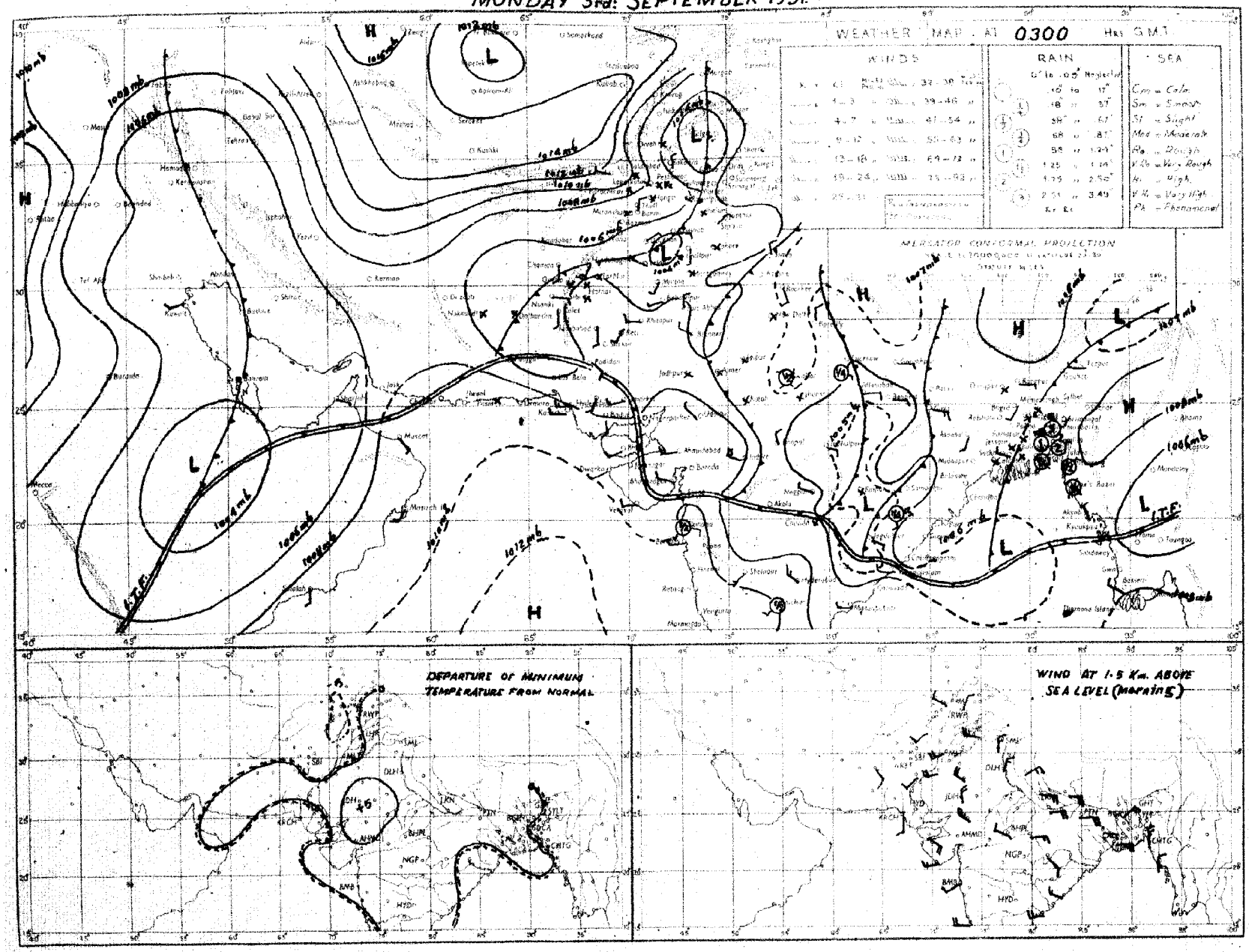
SUNDAY 2nd. SEPTEMBER 1951



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

PAKISTAN DAILY WEATHER MAP

MONDAY 3rd: SEPTEMBER 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 4TH SEPTEMBER, 1951

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

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

The low pressure wave over kashmir moved away eastwards.

Trough of low extends from Orissa to north Central bay.

Local thunderstorms/showers have occurred in East Pakistan Comilla and Srimangal reported 1" rain each.

Day temperatures were appreciably to markedly above normal in the plains of Punjab and generally appreciably above normal in Lower Sind and the Northern sub-division of East Pakistan.

Forecast valid until the evening of 5th :—Local thunderstorms/showers will occur in East Pakistan. Weather will remain dry over West Pakistan.

Karachi-11.
The 4th September, 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	WtDsDMTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDsDMTnTn	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 78	8 00 00	94 03 9	xxx 85	2 3 5 2 5	- × × 89	000 79	2 00 00	97 01 5	027 85	1 1 6 0 1	- × - 79	+ 3	+ 3	76.3	- 20.9	86.0	140
	Chittagong	000 78	5 22 09	97 02 1	024 85	2 1 6 7 0	- - × 89	000 78	4 00 00	97 02 1	030 88	2 1 6 9 0	- - × 80	+ 2	+ 4	79.9	+ 11.6	108.7	105
	Comilla							070 81	6 00 00	98 03 1	036 86	5 2 7 0 2	9 2 - 80		+ 3	55.6	+ 20.8	91.2	116
	Brahmanbaria							000 79	4 09 02	97 01 1	036 90	2 2 5 0 1	- - - 78		—	42.4	+ 2.2	52.3	94
	Dacca	xxx 53	6 09 02	97 01 6	020 83	1 5 4 2 0	- - × 89	xxx 82	7 00 00	97 03 0	032 86	6 2 5 4 0	- - - 77	—	—	—	—	—	78
	Narayanganj	005 70	3 00 00	95 03 5	023 85	0 0 9 0 6	- × 89	008 80	7 05 02	95 03 5	030 80	7 6 5	- - - 77	+ 1	- 2	5.7	+ 10.5	69.7	74
	Mymensingh	000 79	8 09 02	99 02 2	023 86	8 9 6	× × × xx	000 78	0 09 02	99 00 2	028 84	0 0 9 0 0	- - - 81	×	+ 8	23.8	- 17.1	41.9	91
	Srimangal	000 81	5 27 03	97 01 1	016 87	2 2 6 0 2	- - - 93	081 19	4 09 02	97 02 0	027 84	0 0 9 2 3	- × × 76	+ 2	+ 1	63.2	+ 4.2	20.3	98
	Khulna	011 83	2 13 02	96 00 5	039 84	2 2 7 0 0	- - - 88	011 78	4 00 00	97 02 1	044 87	4 8 8 0 0	- - - 81	0	+ 3	35.5	- 8.5	44.0	68
	Satkhira	000 81	6 00 00	97 02 1	030 89	4 4 7 6 0	- - × 90	000 81	5 00 00	97 02 1	035 xx	4 6 7 6 0	- - × 81	+ 1	+ 3	25.8	18.5	33.8	65
	Jessore	000 80	6 00 00	97 02 2	024 87	0 0 9 2 0	- - × 95	000 81	4 00 00	97 01 1	035 86	4 6 6 0 0	- - - xx	—	—	26.0	10.8	33.1	65
	Faridpur	000 79	7 00 00	96 02 1	026 87	3 4 6 1 0	- - × 87	000 81	5 31 02	97 01 1	040 87	6 4 6 1 0	- - - 76	- 1	+ 2	26.1	- 2.1	42.5	71
	Barisal	000 79	3 31 02	98 01 1	022 88	1 1 4 0 6	- × - 90	000 78	7 18 02	97 02 1	035 87	4 4 × 7 8	- × × 82	+ 8	+ 4	35.9	12.1	45.2	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 83	6 00 00	98 02 2	026 88	8 2 7 - -	- - - 90	000 81	× 00 00	99 02 2	037 87	4 2 7 - -	- - - 82	+ 2	+ 8	42.1	+ 5.2	52.1	64
	Bogra	000 82	5 23 02	96 02 1	020 90	1 1 7 0 5	- × - 93	009 81	5 05 02	96 01 1	034 89	1 1 8 0 5	- × - 83	+ 4	+ 5	30.9	9.5	37.9	69
	Dinajpur	000 79	6 00 00	97 02 0	032 89	0 0 9 4 0	- - × 95	000 86	0 00 00	97 00 0	049 88	0 0 9 0 0	- - - 82	+ 6	+ 4	36.0	- 2.9	40.2	72
	Rangpur	000 xx	8 00 00	98 02 1	— —	0 0 9 1 0	- - × xx	000 xx	1 00 02	98 02 1	— —	1 0 9 1 0	- - - xx	—	—	58.2	+ 6.3	67.5	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 47	0 18 02	96 00 0	013 84	0 0 9 0 0	- - - 05	000 88	0 18 02	96 04 0	034 82	0 0 9 0 0	- - - 75	+ 8	- 8	5.9	- 2.1	10.2	12
	Lahore	000 55	0 00 00	91 00 0	032 04	0 0 9 0 0	- - - 03	000 49	0 00 00	96 00 0	039 87	0 0 9 0 0	- - - 76	+ 8	0	9.8	2.0	14.0	19
	Sialkot	000 66	1 27 02	97 03 1	021 99	1 4 9 0 0	- - - 00	000 73	0 00 00	97 00 0	058 88	0 0 9 0 0	- - - 82	+ 6	+ 5	13.8	- 6.9	16.7	22
	Jhelum	000 75	1 22 02	97 01 1	031 98	1 1 7 0 0	- - - 00	000 73	0 00 00	96 00 0	042 88	0 0 9 0 0	- - - 75	—	—	16.4	—	25.8	—
	Rawalpindi	000 72	0 00 00	99 00 0	024 88	0 0 9 0 0	- - - 95	000 65	0 00 00	99 00 0	263 80	0 0 9 0 0	- - - 68	+ 2	5	14.5	- 4.0	25.3	34
	Murree †	000 57	4 27 03	98 01 1	949 73	4 1 4 0 0	8 × × 75	000 44	0 00 00	98 00 1	974 87	0 0 9 0 0	- - - 59	+ 6	+ 3	20.7	10.0	42.3	58
	Attock	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 13 02	98 00 0	— —	0 0 9 0 0	- - - xx	—	—		—		—
	Khushab	000 62	0 11 02	98 00 0	018 02	0 0 9 0 0	- - - 02	000 68	0 11 05	98 00 0	040 80	0 0 9 0 0	- - - 80	+ 4	+ 1	2.2	6.9	7.9	17
	Montgomery	000 60	0 00 00	96 00 0	023 03	0 0 9 0 0	- - - 06	000 63	0 18 02	96 00 0	030 82	0 0 9 0 0	- - - 74	+ 5	- 6	2.5	- 3.8	6.1	10
	Leiah	000 82	0 20 02	97 00 0	016 06	0 0 9 0 0	- - - 07	000 72	0 00 00	97 00 0	032 84	0 0 9 0 0	- - - 75	—	—	0.9	—	6.6	8
	Multan	000 51	0 23 02	97 00 0	027 03	0 0 9 0 0	- - - 06	000 66	0 25 02	97 00 0	035 83	0 0 9 0 0	- - - 77	+ 8	- 4	2.5	- 2.0	5.5	5
	Khanpur	000 76	0 25 05	95 05 0	030 00	0 0 9 0 0	- - - 02	000 71	0 23 07	95 05 0	049 81	0 0 9 0 0	- - - 75	- 1	- 4	0.3	4.4	1.9	6
	Bahawalpur	000 72	0 20 05	97 00 0	031 02	0 0 9 0 0	- - 04	000 82	0 23 07	97 00 0	038 84	0 0 9 0 0	- - - 79	+ 3	+ 1	1.9	2.2	5.0	8
	Fort Abbas	000 95	0 23 02	96 00 0	032 05	0 0 9 0 0	0 × × 07	000 68	0 23 01	96 00 0	040 89	0 0 9 0 0	0 × × 78	—	—	0.9		1.8	5
N. W. F. P.	Drosh *	000 37	1 25 09	99 03 1	024 89	1 1 7 0 0	1 × × 81	000 44	0 00 00	99 00 0	975 72	0 0 9 0 0	- - - 67	0	- 1	1.2	—	21.5	18
	Chakdara	000 65	0 16 02	91 00 0	016 95	0 0 9 0 0	- - - 95	000 58	0 16 02	98 00 0	067 73	0 0 9 0 0	- - - 65	—	—	0.9	—	18.2	—
	Cherat *	000 53	0 16 07	97 00 0	935 87	0 0 9 0 0	- - - 89	000 50	0 24 02	97 00 0	972 79	0 0 9 0 0	- - - 67	+ 4	- 1	5.1	- 5.8	27.3	22
	Peshawar	000 58	1 36 62	97 02 1	024 xx	1 1 7 0 0	- - - 97	000 60	0 00 00	97 00 0	053 82	0 0 9 0 0	- - - 70	0	- 5	1.3	- 2.4	8.6	14
	Parachinar	000 46	4 23 02	99 01 1	989 80	0 0 9 3 0	8 × 7 84	000 47	0 26 02	99 00 1	955 86	0 0 9 0 0	- - - 62	0	2	8.9	—	26.5	29
	Miranshah	000 43	0 11 05	98 00 0	942 74	0 0 9 0 0	- × × 99	000 55	0 00 00	99 00 0	955 80	0 0 9 0 0	- - - 78	—	—	3.6	0.2	10.5	18
	Bannu	000 59	0 13 03	99 00 0	026 00	0 0 9 0 0	- - - 01	000 45	0 00 00	99 00 0	052 82	0 0 9 0 0	- - - 76	—	—	3.3	—	8.3	11
	D. I. Khan	000 66	0 00 00	96 00 0	024 08	0 0 9 0 0	- - - 04	000 80	0 05 02	96 00 0	050 84	0 0 9 0 0	- - - 66	+ 3	13	1.1	- 3.0	2.8	9
	Wana	000 67	0 00 00	99 00 0	941 90	0 0 9 0 0	- - - 08	000 95	0 00 00	99 00 0	984 80	0 0 9 0 0	- - - 65	—	—	2.4	—	11.9	11
	Landikotal	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	x8x xx	0 00 00	97 00 0	— —	0 0 9 0 8	- - - xx	—	—	—	—	—	—
	Hangu	xxx xx	2 18 00	98 07 1	— —	0 0 9 2 0	- - - —	xxx xx	0 01 09	98 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Thall																		—
BALUCHISTAN	Fort Sandeman	000 48	1 28 08	98 01 1	xxx 95	0 0 9 0 4	- - - 98	000 47	0 00 00	98 05 0	985 74	0 0 9 0 0	- - - 68	0	- 2	4.1	- 0.7	10.0	12
	Hindubagh	000 30	1 23 05	96 02 1	952 89	1 1 6 0 0	8 × × 90	000 33	0 21 05	98 00 0	970 79	0 0 9 0 0	- - - 68	—	—	0.2	—	8.5	—
	Loralai	000 72	1 18 00	96 01 0	027 88	1 5 6 0 0	- - - 91	000 50	0 00 00	98 00 0	961 77	0 0 9 0 0	- - - 56	—	—	1.7	—	8.2	—
	Harnai (a)	000 xx	2 23 05	95 01 2	— —	0 0 9 0 5	- - - —	000 xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - xx	—	—	2.0	- 4.7	10.6	14
	Sibi	000 58	0 23 06	96 00 0	029 04	0 0 9 0 0	- - - 04	000 59	0 00 00	98 00 0	049 84	0 0 9 0 0	0 - - 77	—	—	2.2	—	3.6	6
	Quetta †	000 31	1 34 03	99 01 0	949 88	0 0 9 2 0	- - - 89	000 42	0 00 00	99 00 0	968 66	0 0 9 0 0	- - - 49	—	—	0.8	- 0.2	9.3	8
	Chaman	000 66	0 27 02	97 00 0	940 94	0 0 9 0 0	- - - 96	000 55	0 20 02	97 00 0	961 78	0 0 9 0 0	- - - 88	+ 2	+ 1	0	—	6.5	8
	Noshki	000 42	0 29 02	98 00 0	953 90	0 0 9 0 0	- - - 03	000 47	0 00 09	97 00 0	929 84	0 0 9 0 0	- - - 78	—	—	0	—	5.4	
	Dalbandin *	000 55	1 00 00	97 02 1	958 01	1 1 7 0 0	- - - 02	000 51	0 05 02	97 00 0	964 70	0 0 9 0 0	- - - 67	- 1	+ 2	0	- 0.2	1.8	4
	Nokkundi	000 80	0 16 02	99 00 0	999 04	0 0 9 0 0	- - - 06	000 45	0 34 02	99 00 0	057 78	0 0 9 0 0	- - - 72	—	—	0	—	0.9	2
	Kalat †	000 21	0 30 09	98 00 0	977 84	0 0 9 0 0	- - - 87	000 47	0 18 02	98 00 0	004 64	0 0 9 0 0	- - - 55	+ 1	+ 2	0.7	- 0.4	9.7	7
	Turbat	000 32	0 19 07	97 00 0	968 97	0 0 9 0 0	- - - 01	000 74	0 25 02	98 00 0	998 80	0 0 9 0 0	- - - 76	—	—	0	—	1.4	5
	Panjgur *	000 34	0 31 02	97 03 0	948 99	0 0 9 0 0	0 × × 99	000 63	0 05 02	97 00 0	974 74	0 0 9 0 0	- - - 85	0	- 2	0	—	3.2	8
	Las Bela	000 59	1 20 05	97 03 0	072 87	1 2 4 0 8	- - - 87	000 75	0 26 09	97 00 0	098 79	0 0 9 0 0	- - - 77	—	—	0.2	- 0.5	3.1	8
	Ormara	000 70	8 23 07	96 00 0	073 88	0 0 9 0 0	- - - 87	000 72	0 27 05	98 00 0	097 79	0 0 9 0 0	- - × 74	- 1	0	0.3	- 0.1	4.8	6
	Pasni																		4
	Jiwani																		4
SIND	Beti	000 85	0 27 05	96 00 0	049 03	0 0 9 0 0	- - - 08	000 xx	0 28 05	96 00 0	055 81	0 0 9 0 0	- - - 74	—	—	1.7	—	2.2	
	Jacobabad	000 67	0 20 09	97 00 0	041 01	0 0 9 0 0	- - - 02	000 66	0 23 05	96 00 0	047 84	0 0 9 0 0	- - - 77	0	- 3	1.3	- 0.8	1.3	4
	Sukkur	000 70	0 xx xx	96 00 0	020 03	0 0 9 0 0	- - - 03	000 71	0 xx xx	96 00 0	047 81	0 0 9 0 0	- - - 78	—	—	0.5	—	1.0	6
	Pad Idan	000 89	0 15 09	95 00 0	047 02	0 0 9 0 0	- - - 04	000 69	0 13 05	95 00 0	048 80	0 0 9 0 0	- - - 78	—	—	0.8	—	4.8	
	Karachi (Manora)	000 75	3 25 03	98 03 1	077 84	3 8 4 0 0	- - - 86	000 72	2 27 05	98 01 1	086 81	2 8 4 0 0	- - - 78	0	0	1.5	- 4.0	1.6	3
	Karachi (A. P.)	000 75	1 22 00	97 03 1	078 80	1 5 5 0 0	- - - 82	000 76	0 27 14	97 00 1	086 80	0 0 9 0 0	- - - 77	—	—	2.9	—	3.0	
	Badin	000 67	0 18 03	97 00 0	066 88	0 0 9 0 0	- - - 08	000 xx	0 27 03	97 00 0	086 81	0 0 9 0 0	- - - 78	+ 8	0	7.0	+ 0.4	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 72	0 28 09	97 00 0	028 98	0 0 9 0 0	- - - 08	000 74	0 23 07	97 00 0	074 84	0 0 9 0 0	- - - 77	—	—	2.1	—	2.1	
	Hyderabad	000 67	0 22 06	97 00 0	061 87	0 0 9 0 0	- - - 00	000 72	0 25 05	97 00 0	060 80	0 0 9 0 0	- - - 77	+ 8	- 1	1.3	- 3.7	2.8	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul							000 24	0 28 02	98 00 0	007 68	0 0 9 0 0	- - - 53	—	—	0.7	—	10.5	—
	Jalalabad	000 74	1 00 00	97 01 0	022 85	0 0 9 7 0	2 × 9 98	000 61	0 00 00	97 00 1	995 71	0 0 9 0 0	8 - - 66	—	—	0.5	—	4.9	—
	Kandahar	000 76	0 00 00	98 00 0	010 88	0 0 9 0 0	- - - 01	000 54	0 00 00	97 00 0	923 62	0 0 9 0 0	- - - 53	—	—	0	—	10.6	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 4TH SEPTEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_sD_wT_nT_n$	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	Masheé	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Bushire																		11
Arabia	Muscat	000 77	0 13 05	97 00 9	066 83	0 0 9 0 0	- - - 84	000 76	0 18 05	96 00 0	081 81	6 0 0 0 0	- - - xx	- 6	+ 1	0	- 0.1	8.5	4
	Sharjah																		4
	Kuwait	000 xx	0 23 05	97 00 0	042 13	0 9 0 0 0	- - - 14	000 xx	0 25 09	97 00 0	068 95	0 0 0 0 0	- - - 88	—	—	0	—	1.8	6

* Barometer readings reduced to 1 geodynamic Kilometre (3,350-3,856 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).
(a) Reports only rainfall.
Whenever 000 is given for RRR see the summary on page 2 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	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalamayur	25 224	684 00	0 25 09	95 80 1	098 81	8× × ××	21 6 00	8 2 840	0 82 74	1 23 82
Jalarashmi	25 285	710 06	2 23 06	96 05 0	065 86		21 5 00			
Jalamayur	21 292	677 08	2 25 07	96 00 1	102 86		21 5 00			
Bombay	23 112	768 06	2 02 08	95 02 8	112 82		23 6 00			
Flying	22 197	715 06	0 19 02	95 01 0	112 95		09 9 00	8 55808	0 86 xx	1 27 22
Lawak	23 146	702 06	2 26 04	99 82 0	110 84		21 5 00	8 58 16	0 84 74	1 26 20
Cercasia	25 187	690 06	7 20 15	95 01 2	091 86		78 6 00			
Lawak	23 139	715 12	2 26 10	90 02 1	100 82		21 4 00	8 5 801	0 80 72	1 26 20
Bombay	23 120	749 12	1 22 05	99 02 0	087 72		18 6 00	7 4 806		
Jalamayur	23 240	670 12	2 27 06	95 00 0	108 86		21 7 00			
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE:— iiiGG	PoPoPoToTo	TdoTdoTnoXrXs	PrPrihrhr	TrTrTdrTdrTxr etc.	5555	hzhrPrPrPr	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 ...	788 15	006 27 243 60	000 28 252 39	884 91 220 33	700 81 108 46	506 89 539 04	301 88 782 97	201 97 019 97 565 55	139 65 281 76 219 23 241 41	319 07 298 97 385 83 220 58 665 09

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	12 03	05 01	16 01	10 07	05 14						29 05	...					05 04	05 07	06 00					
Dhaka	28 13	28 13	21 11	18 14	15 16	15 05	25 07	27 08	26 07	24 11							05 05	05 05	03 01	22 16	21 19	27 08	09 17	31 13
Chittagong	31 01	28 02	07 02	07 06	09 10						32 07	29 14	05 05	07 05	17 13		01 06	01 09	01 16	04 11	06 13	29 16	10 15	11 26
Cox's Bazar	31 04	32 06	31 04	15 00	21 05	09 05	07 09	09 11			34 05	31 06	19 04	01 02	31 04		04 07	05 07	03 09	05 06	05 07	10 10	12 15	10 24
Dacca	10 02	19 02	29 03								36 05	32 05	03 03	06 04	11 03	09 05	05 04	04 05	05 02	04 19	03 05			
Dalbandin	—	—	15 04	09 05	06 02	06 03	05 05	05 27	06 04	—	—	—	04 02	02 04	11 01	20 02	—	—	15 04	07 05	04 09	04 08	05 09	26 18
Drosh					21 06	20 07	20 05	05 07	05 15	05 20	—	—	—	20 04	24 06	11 06	—	—			10 01	20 01	22 00	25 15
Fort Sandeman	—	—	—	15 04	09 05	11 05	27 05	21 25	27 15	25 20	—	—	—	28 07	22 09	22 14	—	—	—	19 02	21 05	20 20	22 06	05 03
Sac o babac	19 12	19 13	15 10	10 06	06 22	04 04	04 11	20 05	26 20	27 27	15 17	15 15	15 11	14 06	14 06	25 06	25 06	24 10	25 06	24 07	27 05	21 09	02 11	25 28
Shelkm	21 01	20 06	26 03	27 04	29 09	29 12	28 20	21 23	—	—	02 07	29 02	25 03	28 01	30 05	26 05	21 03	21 09	25 07	19 05	05 06	25 13	25 17	
Siwani																								
Karachi	26 15	27 13	25 09	25 06	19 09	14 15	15 16	19 13	25 09	27 04	27 17	27 17	25 12	20 07	14 06	04 13	27 20	27 19	29 15	24 10	24 08	26 23	25 07	
Khanpur	26 15	26 18	26 18	22 09	13 07	06 09	06 16	24 12			25 24	24 28	24 24	24 30			24 20	25 24	24 22	25 14	27 09	27 09		25 13
Lahore	24 08	21 05	29 03	20 01	28 11	23 15	21 13	24 10	24 28	25 28	19 04	18 08	18 05	23 05	23 02	24 13	24 01	27 04	25 05	26 11	26 11	21 11	25 19	25 16
Multan	21 05	25 06	25 03	25 10	27 05	23 06	23 09	25 19			23 27	25 24	25 26	25 15	25 03	25 09	25 27	26 19	25 14	23 10	24 06	25 04	25 19	
Peshawar	—	06 04	04 03	26 07	17 13	17 13	26 19	30 16	25 35	24 21	—	00 07	25 04	21 04	23 11	24 16	—	26 28	21 09	25 09	29 10	29 15	30 29	
Quetta					29 06	29 16	25 24	21 29	21 29		—	—	—	—	04 07	07 10	—	—	—	—	28 04	28 28	—	
Bushire											—	—	—	—	—	—	—	—	—	—				
Sharjah											—	—	—	—	—	—	—	—	—	—				

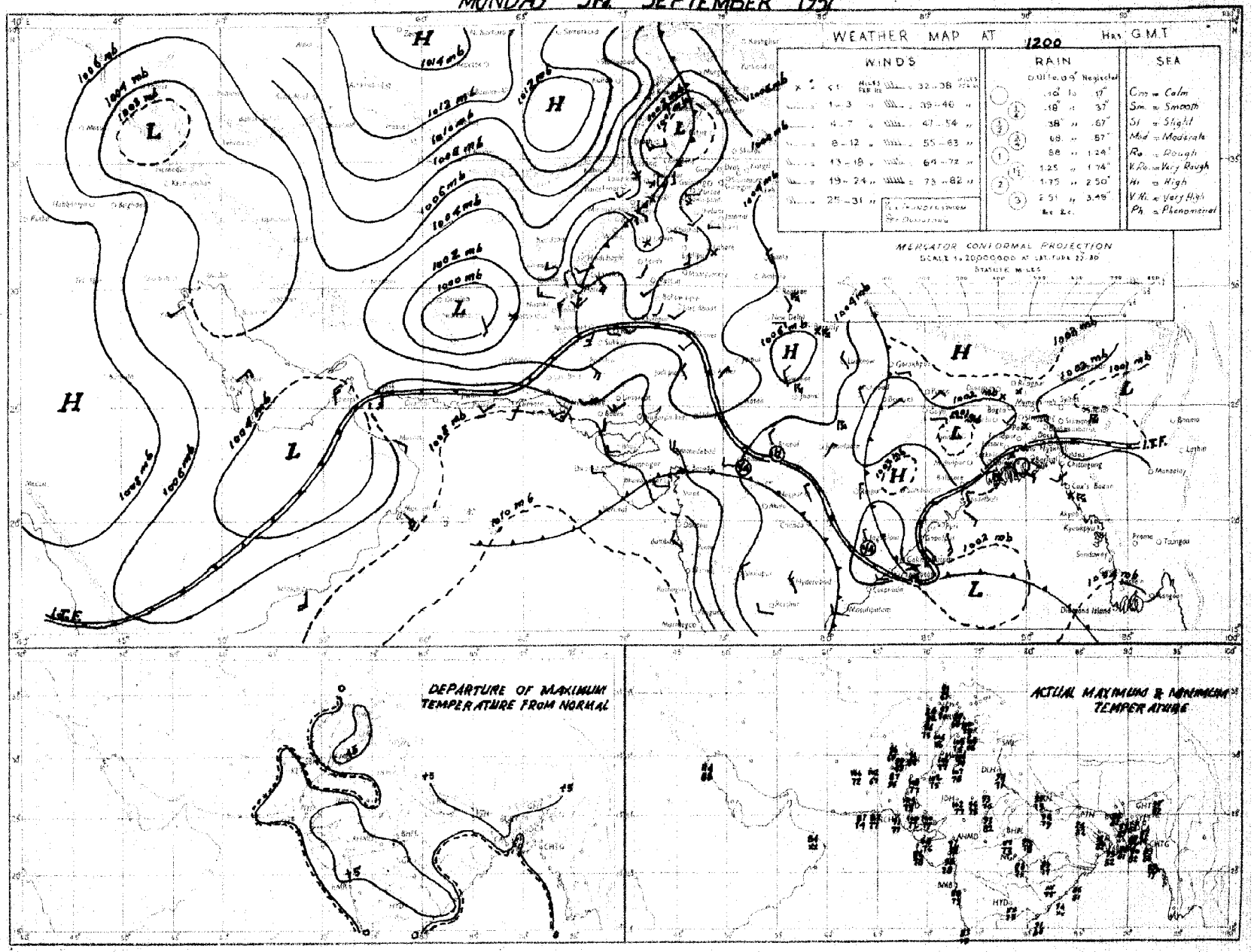
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are S.L. 0.5, 1.0, 2.1, 3.0 4.5 6.0, 7.5, and 9.2 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

R P. W.

Cloud Observation Data (iiiGG Cddv. v.)

PAKISTAN DAILY WEATHER MAP

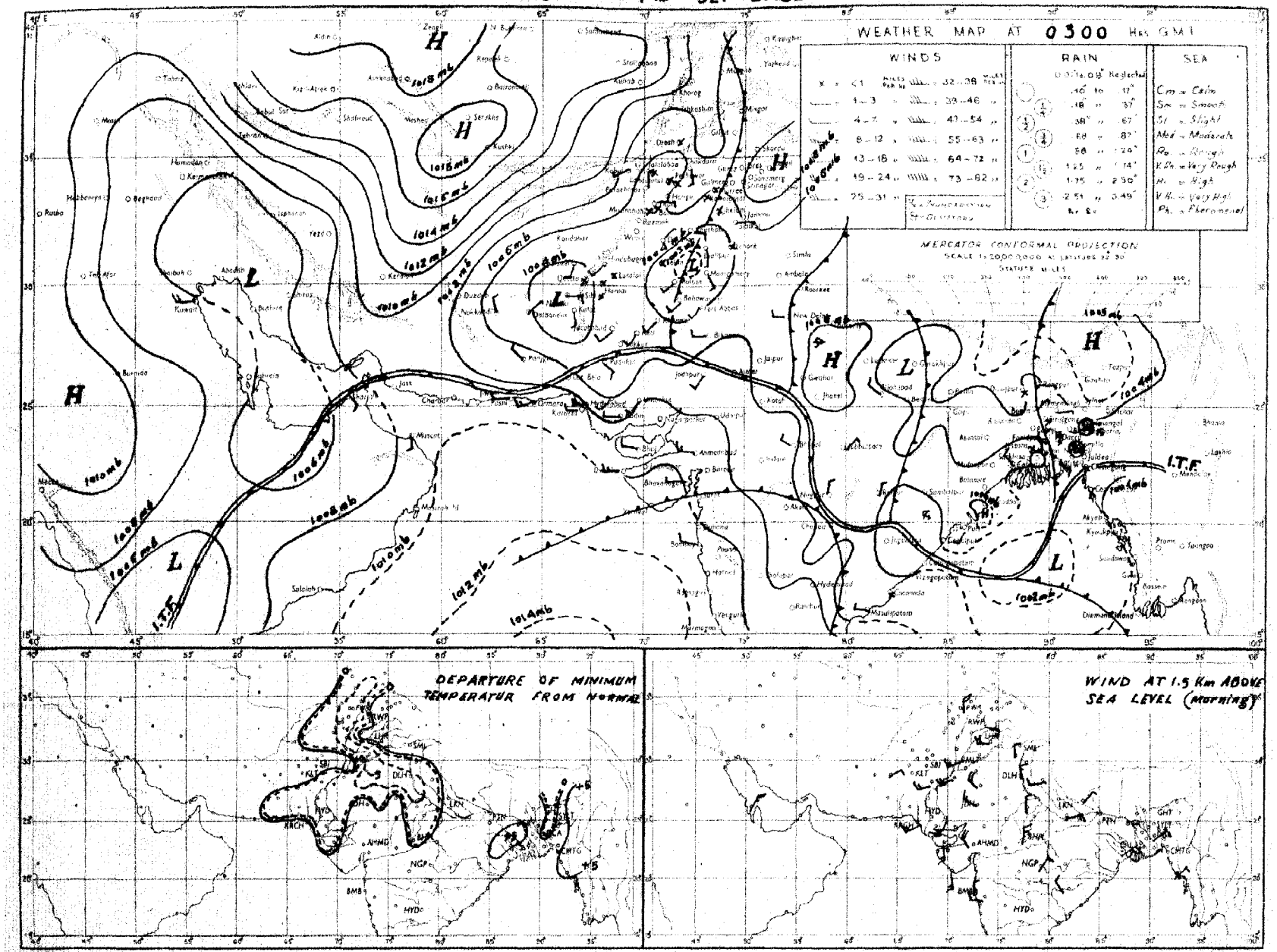
MONDAY 3rd SEPTEMBER 1951



Rainfall amounts inscribed in the above chart refer to past hours

PAKISTAN DAILY WEATHER MAP

TUESDAY 4th SEPTEMBER



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 5TH SEPTEMBER, 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 Bay of Bengal has become well marked and lies off Orissa and Circars coasts.

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

Chief amounts of rainfall are :—Barisal 2", Cox's Bazar and Brahmanbaria 1½" each, Srimangal ¾", Chittagong and Faridpur ½" each and Comilla and Khulna ¼" each.

Day temperatures were appreciably to markedly above normal in the Punjab and in East Pakistan.

Forecast valid until the evening of 6th :—Fairly widespread thunderstorms/showers will occur in East Pakistan. Scattered thunderstorms will also occur in Kashmir.

Karachi-11.
The 5th September, 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	000 79	6 00 00	94 91 7	026 87	5 3 5 0 5	- - - 90	167 77	8 18 05	93 63 9	021 77	0 0 9 2 0	- - - 76	+ 4	0	78.0	- 20 0	87.6	140
	Chittagong	000 80	5 25 09	97 02 1	977 88	3 1 6 7 0	- - - 91	060 76	6 16 05	97 02 9	003 79	6 8 6 0 0	- - - 76	+ 4	0	79.6	+ 11.6	109.3	105
	Comilla	000 80	6 36 02	98 03 1	074 90	5 4 7 0 0	- - - 90	025 77	8 18 09	93 03 1	998 81	8 5 7 0 0	9 0 0 80	+ 2	+ 3	84.8	+ 30 6	91 4	118
	Brahmanbaria	000 79	2 03 00	97 08 1	979 89	2 4 6 0 0	- - - 92	161 75	8 36 02	96 93 9	015 77	8 0 7 2 -	2 x 0 76	—	—	44 0	+ 3 4	53 9	94
	Dacca	000 82	7 27 02	97 03 1	976 90	8 8 6 0 1	- - - 95	xxx 78	8 00 00	96 17 9	013 75	4 9 4 7 -	- - 73	—	—	—	—	—	78
	Narayanganj	006 81	4 27 02	95 01 1	975 71	2 2 5 0 6	- - - 95	000 78	7 05 05	95 03 2	006 82	8 5 5 - -	- - - 78	+ 7	- 1	5u.7	+ 10.1	69 7	74
	Mymensingh	000 84	0 31 02	99 00 0	978 98	0 0 9 0 0	- - - 94	000 83	8 00 00	99 02 2	004 86	8 4 7 x x	- - - 82	+ 6	+ 4	33 8	- 17 5	41 9	91
	Srimangal	006 88	3 31 03	97 08 1	972 88	1 2 7 0 8	- - - 98	070 74	8 00 00	93 60 9	012 84	8 6 5 - -	- - - 75	+ 8	0	53.9	+ 4.4	81 0	98
	Khulna	000 80	2 27 02	93 00 0	933 90	2 8 8 0 2	- - - 95	032 77	8 24 02	98 03 5	009 80	8 7 7 0 0	- - - 76	+ 7	2	35.8	- 8.5	44 8	68
	Satkhira	000 81	5 00 00	97 03 1	972 91	4 9 6 6 0	- - - 96	024 78	6 13 02	97 53 6	005 81	8 9 6 6 0	- - - 80	+ 6	+ 2	25 6	13.5	34 1	66
	Jessore	000 78	6 09 02	98 02 8	984 82	6 8 6 0 0	- - - 98	021 77	8 13 08	96 61 6	007 77	8 7 6 0 0	5 x x xx	—	—	11 2	25.0	33.8	65
	Faridpur	000 81	4 34 02	96 01 1	983 91	3 4 6 1 0	- - - 91	047 78	8 25 02	96 60 6	003 79	7 4 6 1 0	- - - 77	+ 3	- 2	16.5	- 3.1	42.0	71
	Barisal	000 81	6 31 02	98 02 1	980 91	3 3 6 0 6	- - - 94	221 78	8 00 00	96 60 9	005 78	5 7 5 2 -	- - - 76	+ 7	- 2	38 1	- 10 3	47 4	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 82	2 00 00	89 01 1	986 89	1 1 7 - -	- - - 92	000 73	8 23 02	98 02 2	988 84	8 2 7 - -	- - - 83	+ 4	+ 4	42.1	+ 4 9	52 1	64
	Bogra	000 82	3 00 00	96 01 1	980 91	1 1 8 0 1	- - - 95	009 77	8 25 03	96 01 1	994 88	1 1 7 0 6	- - - 83	+ 6	+ 5	30.9	10 0	37.9	69
	Dinajpur	000 84	8 00 00	97 17 2	004 92	0 0 7 4 0	- - - 97	000 81	0 00 00	97 00 0	996 89	0 0 9 0 0	- - - 82	+ 8	+ 4	36 0	0 4	40.3	72
	Rangpur	000 xx	2 00 00	98 02 1	--- —	2 1 8 0 0	- - - —	000 xx	2 09 02	98 02 1	— —	2 1 8 0 0	- - - —	—	—	59 3	+ 7.7	87.5	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		-
	Sonamarg ††																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 71	0 00 00	96 00 0	956 96	0 0 9 0 0	- - - 07	000 70	0 16 02	95 01 0	997 84	0 0 9 0 0	- - - 76	+ 10	- 2	8.9	- 2 2	10 2	19
	Lahore	000 57	0 29 03	94 00 0	994 04	0 0 9 0 0	- - - 06	000 73	0 00 00	96 00 0	008 87	0 0 9 0 0	- - - 76	+ 9	- 1	9.9	- 3.1	14.9	19
	Sialkot	000 71	0 06 08	98 00 0	001 00	0 0 9 0 0	- - - 01	000 71	1 05 02	97 03 0	016 87	1 2 6 0 0	- - - 79	+ 7	+ 2	13.8	- 7.1	18.7	32
	Jhelum	000 71	0 00 00	97 00 1	008 00	0 0 9 2 0	- - - 01	000 72	0 09 02	96 00 0	008 85	0 0 9 0 0	- - - 78	—	—	16.4	—	25 6	
	Rawalpindi	000 65	0 00 00	99 00 0	005 96	0 0 9 0 0	- - - 00	000 61	0 05 00	99 00 0	013 83	0 0 9 0 0	- - - 66	+ 7	- 5	14.5	- 0 2	25.3	36
	Murree †	000 55	0 27 03	98 00 0	950 75	0 0 9 0 0	- - - 75	000 44	0 00 00	98 00 0	945 67	0 0 9 0 0	- - - 59	+ 6	+ 9	20.7	10 6	42.5	59
	Attock	xxx xx	0 09 05	98 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	—	—				
	Khushab	000 56	0 11 05	98 00 0	991 03	0 0 9 0 0	- - - 04	000 69	0 11 05	98 00 0	009 86	0 0 9 0 0	- - - 79	+ 5	0	2.2	6 0	7.9	17
	Montgomery	000 66	0 00 00	96 00 0	991 05	0 0 9 0 0	- - - 07	000 60	0 16 03	96 00 0	003 88	0 0 9 0 0	- - - 75	+ 6	- 5	2.5	- 3.8	6.1	10
	Leiah	000 57	0 23 02	97 00 0	982 07	0 0 9 0 0	- - - 09	000 66	0 36 02	97 00 0	001 84	0 0 9 0 0	- - - 76	—	—	0.0		6 6	3
	Multan	000 68	0 23 02	97 00 0	993 07	0 0 9 0 0	- - - 06	000 69	0 18 05	97 00 0	997 81	0 0 9 0 0	- - - 73	+ 8	- 2	2 5	- 2 0	5 5	4
	Khanpur	000 72	0 23 05	95 5 0	014 01	0 0 9 0 0	- - - 02							1					5
	Bahawalpur	000 68	0 23 02	97 00 0	993 03	0 0 9 0 0	- - - 08	000 72	0 20 05	97 00 0	018 80	0 0 9 0 0	- - - 80	+ 5	+ 2	1.0	2.2	5 0	5
	Fort Abbas	000 67	0 23 02	96 00 0	994 07	0 0 9 0 0	0 x x 09	000 74	0 23 03	98 00 0	009 90	0 0 9 0 0	- - - xx	—	—	0.0	—	1.8	5
N. W. F. P.	Drosh *	000 40	2 20 19	99 01 1	006 89	2 1 7 0 0	8 x x 91	000 40	0 00 00	99 00 0	947 82	0 0 9 0 0	- - - 87	0	- 1	1.2	—	21.5	18
	Chakdara	000 62	0 00 00	99 00 0	987 95	0 0 9 0 9	- - - 97	000 54	0 00 00	99 00 0	022 78	0 0 9 0 0	- - - 87	—	—	5.9	—	18.2	—
	Cherat *	000 50	0 16 07	97 00 0	938 88	0 0 9 0 0	- - 00	000 49	0 26 05	98 00 0	967 77	0 0 9 0 0	- - - 70	+ 5	+ 2	5.2	- 5.4	27.2	22
	Peshawar	000 46	2 02 03	97 03 1	995 99	2 0 7 0 0	- - - 99	000 55	0 00 00	97 00 0	018 82	0 0 9 0 0	- - - 72	+ 2	- 4	1.3	- 2.4	6.9	14
	Parachinar	005 41	7 05 02	96 03 8	934 79	2 2 6 0 9	5 x 7 91	008 44	0 00 00	99 00 0	923 72	0 0 9 0 0	9 x x 62	- 3	- 2	9.0	—	26 5	20
	Miranshah	000 49	8 11 03	98 00 0	919 96	0 0 9 4 3	- 0 - 97	000 63	0 00 00	99 00 0	928 87	0 0 9 0 0	- - - 74	—	—	3 6	0 2	10.6	12
	Bannu	000 57	0 30 09	98 05 4	980 02	0 0 9 0 0	- - - 03	000 59	0 09 05	99 00 0	007 80	0 0 9 0 0	- - - 77	—	—	3.3	—	8.2	11
	D. I. Khan	000 60	0 00 00	96 00 0	993 06	0 0 9 0 0	- - - 06	000 65	0 05 02	96 00 0	003 87	0 0 9 0 0	- - - 82	+ 5	+ 3	1.1	- 3.9	2.5	9
	Wana																		11
	Landikotal	000 56	2 13 03	95 02 1	919 90	2 4 6 0 0	- - - 93	000 56	0 00 00	99 00 0	920 79	0 0 9 0 0	- - - xx	—	—	8.4	—	11.0	-
	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	2 24 14	98 01 0	— —	2 8 6 0 0	- - - —	xxx xx	0 18 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	-
BALUCHISTAN	Fort Sandeman	000 04	0 34 03	98 05 0	886 96	0 0 9 0 0	- - - 07	000 49	0 30 00	96 05 0	946 74	0 0 9 0 0	- - - 69	+ 1	- 1	4.1	- 0.7	10 0	12
	Hindubagh	000 26	0 31 13	98 00 0	886 89	0 0 9 0 0	- - - 01	000 40	0 29 00	98 00 0	925 78	0 0 9 0 0	- - - 65	—	—	0.3	—	9.5	—
	Loralai	000 77	0 18 05	98 00 0	917 xx	0 0 9 0 0	- - - 02	000 54	0 27 02	96 00 0	924 71	0 0 9 0 0	- - - 66	—	—	1.7	—	8 2	—
	Harnai (*)	000 xx	0 31 06	95 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 09 02	96 00 0	— —	0 0 9 0 0	- - - xx	—	—	2.0		10 6	14
	Sibi	000 44	0 28 06	98 00 0	988 08	0 0 9 0 0	- - - 09	000 62	0 00 00	98 00 0	006 86	0 0 9 0 0	- - - 79	—	—	2.3	—	3.6	6
	Quetta †	000 25	0 29 07	99 00 0	884 87	0 0 9 0 0	- - - 90	000 45	0 00 00	99 05 0	932 71	0 0 9 0 0	- - - 63	—	—	0.8	- 0.2	9.3	9
	Chaman	000 75	0 31 03	97 00 0	920 93	0 0 9 0 0	- - - 96	000 56	0 07 02	96 00 0	928 74	0 0 9 0 0	- - - 64	+ 2	- 8	0.1	—	9.0	8
	Nushki	000 27	0 26 13	98 00 0	983 01	0 0 9 0 0	- - - 03	000 50	0 00 00	97 00 0	998 84	0 0 9 0 0	- - - 75	—	—	0	—	5 4	-
	Dalbandin *	000 49	0 09 02	97 00 0	030 02	0 0 9 0 0	- - - 02	000 52	0 28 08	96 00 0	933 76	0 0 9 0 0	- - - 71	0	+ 6	0	- 0.3	1.8	4
	Nokkundi	000 30	0 00 00	99 00 0	984 04	0 0 9 0 0	- - - 93	000 46	0 34 15	99 00 0	045 81	0 0 9 0 0	- - - 72	—	—	0	—	0.9	3
	Kalat †	000 24	0 32 09	98 00 0	987 82	0 0 9 0 0	- - - 04	000 28	0 18 06	98 00 0	953 81	0 0 9 0 0	- - - 53	- 2	0	0.7	- 0.4	9.7	7
	Turbat	000 64	0 17 07	97 00 0	047 03	0 0 9 0 0	- - - 03	000 76	7 26 03	04 08 0	057 77	7 5 7 0 0	2 x x 75	—	—	0	—	1.4	—
	Panjgur *	000 27	0 31 02	97 00 0	938 98	0 0 9 0 0	- - - 90	000 27	0 31 02	97 00 0	950 79	0 0 9 0 0	- - - 63	+ 2	- 5	0	—	3.3	5
	Las Bela																		8
	Ormara	000 78	0 25 13	97 00 0	055 63	0 0 9 0 0	- - - 85	000 76	1 26 18	97 08 0	052 78	1 5 6 0 0	- - - 77	—	—	0.2	- 0.5	3.1	4
	Pasni	000 71	0 25 10	96 00 0	064 83	0 0 9 0 0	- - - 86	000 72	0 27 07	96 00 0	058 76	0 0 9 0 0	- - - 70	- 3	+ 2	0.8	—	4.9	6
	Jiwani																		4
SIND	Reti	000 84	0 23 05	96 00 0	011 07	0 0 9 0 0	- - - 08	000 74	0 18 09	96 00 0	013 78	0 0 9 0 0	- - - xx	—	—	1.7	—	3.3	
	Jacobabad	000 81	0 18 07	97 00 0	002 02	0 0 9 0 0	- - - 06	000 69	0 09 05	96 00 0	007 81	0 0 9 0 0	- - - 78	+ 3	- 2	1.3	0.8	1.5	4
	Sukkur	000 77	0 xx xx	96 00 0	008 04	0 0 9 0 0	- - - 65	000 70	0 xx xx	96 00 0	004 79	0 0 9 0 0	- - - 75	—	—	0.5	—	1.0	4
	Padidan	000 85	0 13 09	98 00 0	009 05	0 0 9 0 0	- - - 06	000 72	0 13 05	99 00 0	997 79	0 0 9 0 0	- - - 75	—	—	0.8	—	0.9	
	Karachi (Manora)	000 75	2 25 09	98 01 1	987 88	2 0 4 0 0	- - - 86	000 69	4 27 09	98 01 1	045 79	4 0 4 0 0	- - - 78	0	0	1.5	- 4.0	1.0	3
	Karachi (A. P.)	000 78	1 25 19	97 08 1	065 86	1 5 5 0 0	- - - 89	000 75	4 27 14	96 03 1	046 80	4 4 6 0 0	- - - 78	—	—	2.9	—	3.0	
	Badin	000 70	0 27 05	97 00 0	044 94	0 0 9 0 0	- - - 94	000 73	0 27 05	97 00 0	043 80	0 0 9 0 0	- - - 77	+ 3	- 1	7.0	+ 0.8	7.0	8
	Nagarparkar																		
	Chhor (Umarkot)	000 74	0 23 10	97 00 0	036 98	0 0 9 0 0	- - - 01	000 75	2 20 13	97 00 0	027 82	0 0 9 0 0	- - - 75	—	—	3.1	—	3.1	
	Hyderabad	000 78	0 23 06	97 00 0	034 96	0 0 9 0 0	- - - 01	000 73	0 23 07	97 00 0	023 80	0 0 9 0 0	- - - 77	+ 4	- 1	1.5	- 3.7	2.0	7
JUNAGADH	Veraval																		22
AFGHANISTAN	Kabul	000 35	1 02 07	98 01 0	001 82	1 8 3 1 0	- - - 85							—					-
	Jalalabad	000 76	1 09 08	97 00 0	986 97	0 0 9 7 0	- - - 01	000 62	0 00 00	97 00 1	049 81	0 0 9 0 0	0 x x 65	—	—	0.5	—	6.0	-
	Kandahar	000 73	0 00 00	98 00 0	887 03	0 0 9 0 0	- - - 00							—					-

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 5TH SEPTEMBER, 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 $T_d T_d$	N dd	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_x T_x$	RRR $T_d T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_n T_n$	$T_x T_x$	$T_n T_n$	Since 1st June 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
	Masbed	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	23
Arabia	Muscat	000 78	0 18 95	97 00 0	004 83	0 0 9 0 0	- - - 80	000 78	0 23 02	97 00 0	058 78	0 0 9 0 0	- - - xx	4	x	0	- 0.1	2.3	4
	Sharjah	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 34 12	97 00 0	025 02	0 0 9 0 0	- - - 09	000 xx	0 31 05	97 00 0	045 81	0 0 8 0 0	- - - 89	-	-	0	-	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 (6,699-6,718 feet according to latitude.
†† Barometer readings reduced to 5 geodynamic Kilometre (16,049-16,089 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 000 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_R$	$L_o L_o L_o$ 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	0 $T_s T_s T_d T_d$	1 $d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalarashena	33 155	727 06	2 28 09	98 01 0	091 88	21 8 09	8 3 300	8 2 840	0 01 74	1 24 31
Circassia	33 230	032 08	2 18 03	96 02 0	108 80	11 7 01	-	-	-	-
Bombay	33 147	732 06	2 30 08	97 01 1	109 88	22 6 39	7 4 112	-	-	-
Lawak	33 108	768 06	6 32 04	98 08 1	081 81	61 5 06	8 5 999	-	0 61 74	1 33 20
Tarantia	33 219	043 12	0 23 02	95 62 0	094 84	09 9 00	-	-	-	-
Bombay	33 160	735 12	8 31 08	99 08 1	088 72	31 6 40	7 4 027	-	-	-
Jalarashmi	33 146	751 12	8 29 09	98 02 0	071 84	31 6 00	8 3 810	8 3 849	0 00 77	1 27 23
Dawarka	33 145	646 12	2 23 13	95 01 0	079 85	21 4 00	8 4 924	-	0 52 76	-
Dawarka	33 146	657 18	4 27 13	98 02 0	070 81	41 4 00	4 1 740	-	0 58 76	-
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTsoXpXs	PtPthrhrhr	TtTtTdtTdtTxt etc.	5555	hrhrPtPtPt	TtTtTdtTdtTxt etc.
1	2	3	4	5	6	7	8	9	10	11
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 (Hdddff)*

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	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	9	12	15	21	24	12	13	14	15	16	17	18	19	20	21	22	28	24	25
Bogra	18 01	27 01	23 03	-	-	-	-	-	-	-	24 08	26 13	02 14	07 07	11 15	09 02	18 09	24 09	24 09	02 09	06 13	-	-	-
Dhaka	24 16	15 13	22 17	22 13	25 06	01 06	21 29	28 11	27 14	26 09	22 24	23 26	22 32	-	-	-	22 24	23 26	22 32	-	-	-	-	-
Chittagong	26 08	21 06	24 02	15 06	11 13	10 12	09 17	-	-	-	00 04	26 01	26 02	07 13	-	-	16 14	16 19	-	-	-	-	-	-
Cox's Bazar	27 14	25 07	24 02	11 24	10 03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dacca	29 04	22 04	28 04	09 00	-	-	-	-	-	-	23 06	02 06	01 04	03 02	-	-	29 14	21 12	25 03	01 10	05 19	07 31	-	-
Jalalandar	-	-	07 05	19 03	25 02	30 07	01 19	01 14	-	-	-	-	26 12	24 17	01 10	24 05	-	-	27 06	24 10	25 19	22 51	-	-
Drosi	-	-	-	-	23 07	21 19	17 04	-	-	-	-	-	-	20 01	22 05	21 04	-	-	-	-	05 05	26 13	25 03	29 18
Fort Sandeman	-	-	-	24 02	26 02	24 09	22 11	20 19	20 26	27 26	-	-	-	22 07	19 03	19 05	-	-	-	23 02	21 02	29 05	26 07	-
Kacha bagh	19 11	25 04	27 07	27 19	30 09	26 11	06 05	01 20	24 19	22 11	09 17	-	-	24 07	27 07	25 05	18 05	21 07	21 05	25 02	22 04	22 04	21 05	29 18
Sheikhupura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	07 09	11 13	16 06	23 03	23 06	27 05	29 16	-
Tiwana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Karachi	26 14	26 21	30 14	25 08	09 04	09 15	25 11	31 12	27 13	27 18	26 17	25 23	29 22	-	-	-	27 18	27 24	29 18	30 21	-	-	-	-
Khanewal	23 15	22 15	-	29 15	26 10	23 02	02 06	01 17	01 13	25 20	23 18	21 18	22 16	25 12	25 06	25 06	22 19	22 24	22 19	22 14	24 15	27 08	-	31 27
Lahore	23 04	20 04	26 03	27 05	25 08	21 12	24 19	21 19	19 22	25 23	15 08	18 05	25 04	25 09	29 06	-	28 07	24 07	24 07	24 07	26 12	27 06	25 14	28 29
Multan	23 07	24 05	24 09	25 15	22 15	22 11	25 04	24 07	-	-	02 06	28 04	23 05	21 08	29 14	29 15	27 22	27 14	28 07	23 12	23 15	28 07	11 01	-
Peshawar	-	06 05	04 08	25 08	29 12	24 13	26 17	27 21	28 27	28 47	-	01 07	24 09	28 04	29 04	28 20	-	-	01 06	25 09	21 13	23 21	28 19	-
Quetta					31 13	30 12	29 21	24 10	23 29	21 28	-	-	-	-	29 10	22 08	-	-	-	-	29 13	25 15	21 27	-
Bushire						-					-	-	-	-	-	-					-	-	-	-
Sharjah																								

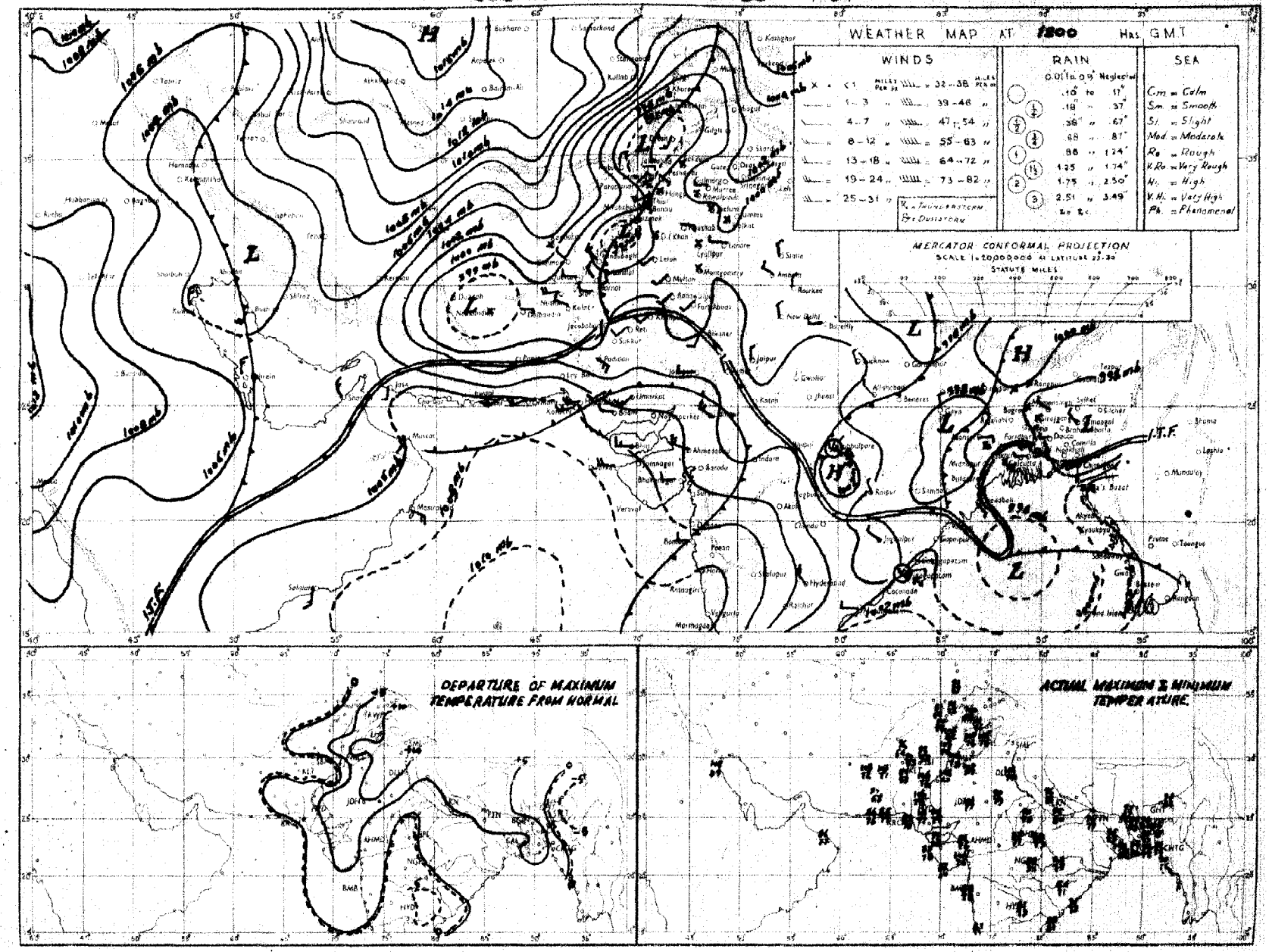
Cloud Observation Data (iiiGG Cddv, v,)

* 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 w nds 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

M. P. W.

PAKISTAN DAILY WEATHER MAP

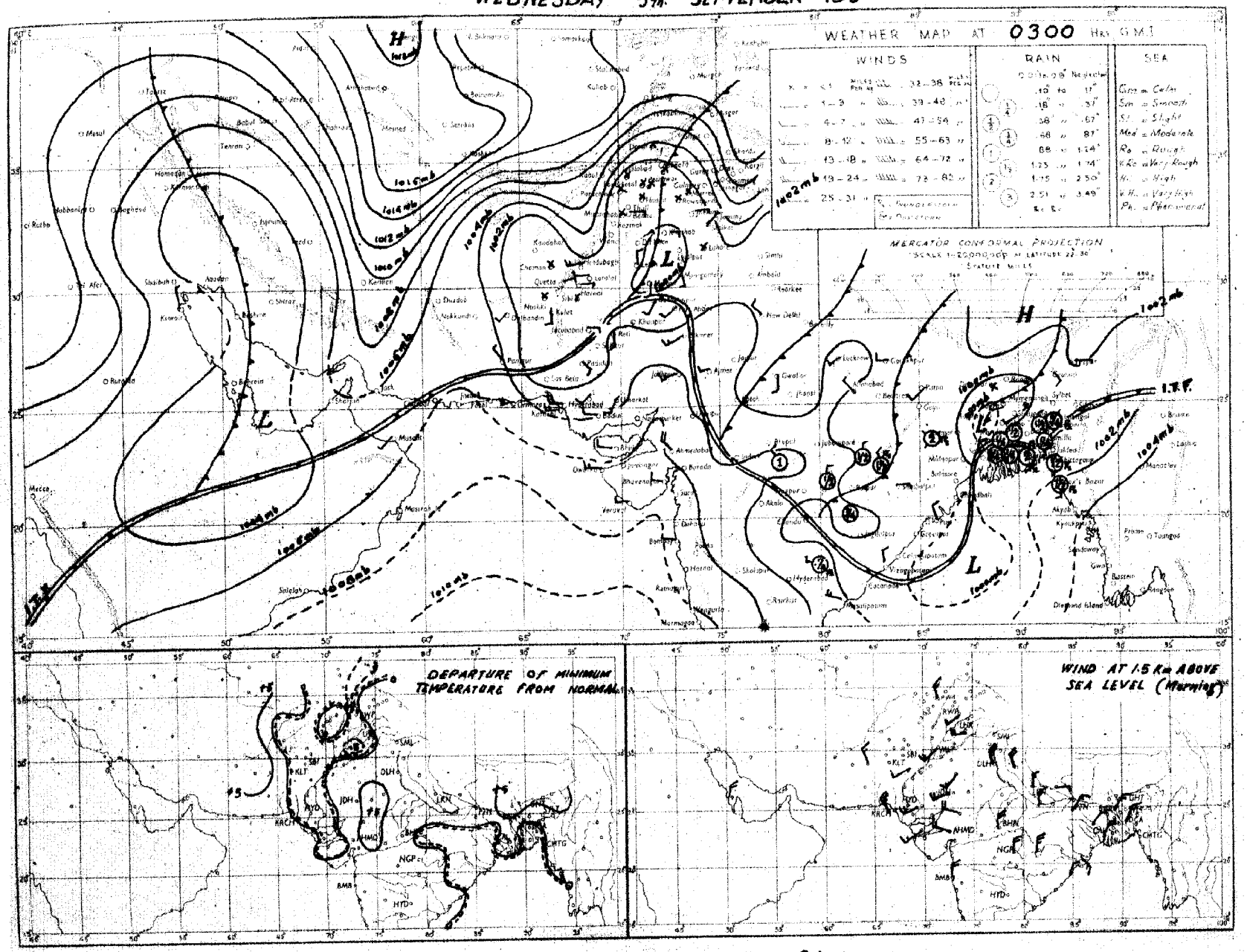
TUESDAY 4th. SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 5th. SEPTEMBER 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 6TH SEPTEMBER, 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 accross the extreme north of West Pakistan.
The trough of low off Orissa and Circars coasts is moving westwards.

Fairly widespread rain/thunder-showers have occurred in East Pakistan. Local thunderstorms/showers have also occurred in the upper North-West Frontier Province.

Chief amounts of rainfall are :—Cox's Bazar 2", Narayanganj and Mymensingh, 1½" each, Faridpur 1", Barisal and Rangpur ¾" each, Comilla, Khulna and Sirajganj ½" each, and Srimangal, Jessore, Dinajpur and Drosh ¼" each.

Day temperatures were appreciably to markedly above normal in the Punjab and appeciably to markedly below normal in the Deltaic East Pakistan.

Forecast valid until the evening of 7th :—Fairly widespread rain and a few thunderstorms will occur in East Pakistan. Local thunderstorms/showers will occur in the upper North West-Frontier Province, Kashmir, and the adjoining north Punjab.

Karachi-11.
The 6th September, 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	065 76	5 13 03	95 03 1	003 80	8 5 5 3 8	- x x 84	115 76	8 13 03	98 62 6	056 87	2 5 4 2 0	- - - 77	- 2	+ 1	79.2	- 10 5	88.8	140
	Chittagong	008 77	8 16 09	95 69 5	092 81	8 8 x - -	- - - 85	003 76	7 11 05	97 03 1	048 83	4 8 6 7 0	- - - 79	- 2	+ 3	79.5	+ 11.0	109.3	105
	Comilla	020 78	8 18 05	98 03 1	085 81	8 5 7 0 0	- - - 85	031 76	5 13 05	98 03 1	046 82	2 2 7 0 0	9 - 78	- 2	+ 1	86 1	+ 30 4	91 7	115
	Brahmanbaria	000 80	6 18 02	96 03 1	089 84	6 6 5 0 0	- - - 85	005 77	7 13 02	97 01 1	053 80	7 0 7 2 0	- x 75	—		44.0	-	53 9	94
	Dacca	xxx 77	8 13 02	97 02 9	074 81	3 8 4 7 -	- - - 82	xxx 80	3 13 04	97 02 6	045 82	6 8 4 4	- - x 75		—	—	—		73
	Narayanganj	028 78	7 13 03	94 03 6	077 82	4 4 5 0 0	- x - 82	151 80	8 09 03	96 03 6	045 84	6 5 5 0 8	- x 75	6	- 4	52.3	+ 11.3	71.2	74
	Mymensingh	045 82	8 00 00	99 02 6	980 86	3 4 7 - -	- - - 90	145 80	8 09 02	98 02 6	056 83	8 4 7	- - - 81	+ 2	+ 3	35.2	18 5	43 3	91
	Srimangal	010 81	8 00 00	97 02 6	989 63	6 8 6 0 3	- - - 84	027 77	7 00 00	97 02 9	960 79	2 2 7 8 2	- - - 74	6	2	64.2	+ 4.2	81.3	98
	Khulna	012 81	8 13 03	96 03 5	974 81	8 7 6 - -	- - - 82	050 79	4 18 03	96 01 1	041 83	4 8 7 0 0	- - - 78	- 6	0	26.8	6.3	44.8	68
	Satkhira	033 80	8 13 03	97 08 6	969 81	7 9 6 6 0	- - x 85	033 78	7 13 02	96 03 1	038 84	6 9 6 6 0	- - 76	5	0	25 8	18 5	34 4	65
	Jessore	027 75	7 16 02	96 03 6	979 81	7 8 6 0 0	- - - 83	027 78	7 13 05	96 02 2	086 84	7 8 6 0 0	- - - 75		—	11.5	25 9	33.6	66
	Faridpur	005 77	8 16 06	96 02 8	986 80	5 4 6 1 0	- - x 80	095 78	7 18 05	97 02 1	047 82	6 4 6 1 0	- - 74	- 8	5	37.5	- 2 5	48.9	72
	Barisal	046 78	8 13 03	97 03 6	979 80	3 6 5 5 6	- - - 80	072 78	8 11 05	96 60 6	043 80	5 8 5 2 7	- x x 78	7	0	38.8	- 9 9	46 1	81
	Pabna																		59
	Rampur Boalia																		59
	Sirajganj	045 78	8 13 02	98 02 2	970 82	8 4 6 - -	- - - 85	045 79	8 09 05	99 02 2	040 83	8 2 7 -	- - - 73	3	2	42.8	+ 5.0	52.6	64
	Bogra							003 78	7 09 05	98 02 9	046 89	2 6 5 0 5	- x 79		+ 1	30.9	10.3	37.8	69
	Dinajpur	000 80	7 00 00	97 02 2	996 84	0 0 9 4 0	- - x 96	080 77	8 08 02	97 02 2	061 80	8 4 7 0 0	- - 77	+ 7	- 1	36 3	9 5	40.6	72
	Rangpur	000 xx	7 09 02	96 03 1	—	7 5 8 1 0	- - - xx	062 xx	8 09 05	96 02 6	— —	6 5 8 0 0	9 0 0 xx		—	59 0	+ 8.4	68.3	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 78	0 15 04	95 05 0	963 02	0 0 9 0 0	- - - 08	000 78	0 27 02	96 00 0	004 82	0 0 9 0 0	- - - 77	+ 6	0	5.0	2 2	10.2	12
	Lahore	000 58	0 00 00	96 00 0	971 05	0 0 9 0 0	- - - 06	000 62	0 27 08	96 00 0	006 85	0 0 9 0 0	- - - 76	+ 9	+ 1	9 9	3.2	14.0	19
	Sialkot	000 67	1 00 00	97 02 1	925 01	1 2 6 0 0	- - - 02	000 66	0 31 02	97 00 0	012 87	0 0 9 0 0	- - - 79	+ 8	+ 8	13.8	7.2	18.7	32
	Jhelum	000 73	0 00 00	96 00 0	956 99	0 0 9 0 0	- - - 00	000 64	0 00 00	96 00 0	018 84	0 0 9 0 0	- - - 73		—	16.4		25.8	—
	Rawalpindi	000 70	0 00 00	99 00 0	964 96	0 0 9 0 0	- - - 01	000 63	2 00 00	99 01 1	009 84	2 0 7 2 0	- - x 71	+ 8		14.5	6 3	25.3	35
	Murree †	000 46	0 00 00	98 00 0	934 74	0 0 9 0 0	- - - 78	000 48	6 00 00	94 02 9	947 69	0 0 9 5 0	- - x 59	+ 9	+ 4	20.7	11 0	43.3	59
	Attock	xxx xx	0 31 05	98 00 0	—	0 0 9 0 0	- - - —	xxx xx	4 05 02	97 00 3	— —	4 x 7 0 0	- - xx	—			—		—
	Khushab	000 61	1 09 05	98 03 1	963 03	0 0 9 0 4	- - - 04	000 60	0 07 05	98 00 0	036 89	0 6 9 0 0	- - - 78	+ 5	1	2.2	7 0	7.9	17
	Montgomery	000 50	0 00 00	98 00 0	973 02	0 0 9 0 0	- - - 06	000 60	0 02 02	96 00 0	013 83	0 0 9 0 0	- - - 77	+ 5	2	2.5	3.9	6.1	10
	Leiah	000 59	0 23 02	97 00 0	962 06	0 0 9 0 0	- - - 06	000 66	0 18 02	97 00 0	005 87	0 0 9 0 0	- - - 77	—	—	0.9	—	6.3	8
	Multan	000 59	0 13 02	97 00 0	973 02	0 0 9 0 0	- - - 05	000 73	0 00 00	97 00 0	011 85	0 0 9 0 0	- - - 80	+ 7	0	2 5	2.0	5 5	4
	Khanpur	000 78	0 18 07	95 05 0	977 06	0 0 9 0 0	- - - 06	000 73	0 23 07	95 00 0	022 78	0 0 9 0 0	- - - 76	+ 2	- 3	0.8	4.4	1.9	5
	Bahawalpur	000 69	0 00 00	97 00 0	970 05	0 0 9 0 0	- - - 06	000 73	0 20 07	97 00 0	018 81	0 0 9 0 0	- - - 78	+ 5	+ 1	1.9	2.3	5 0	6
	Fort Abbas	000 95	0 23 03	98 00 0	984 05	0 0 9 0 0	0 x x 07	000 63	0 23 03	96 00 0	xx 69	0 0 9 0 0	- - 77			0.9	—	1.8	8
N. W. F. P.	Drosh *	025 50	7 11 00	95 95 9	785 67	7 9 6 0 0	3 x x 88	020 44	8 00 00	99 02 9	065 68	0 0 9 7	9 - 4 64	3	- 3	1.5	—	21.7	18
	Chakdara	000 67	0 00 00	99 00 0	968 93	0 0 9 0 0	- - - 97	000 55	6 81 10	98 01 3	045 75	5 5 6 0 0	3 x x 70		—	5 9	—	18.2	—
	Cherat *	000 49	2 08 05	97 03 1	944 62	0 0 9 0 1	3 0 x 92	007 49	4 36 19	98 01 1	935 72	0 0 9 5 0	1 x 0 69	+ 7	+ 2	5.3	- 5 5	27.3	22
	Peshawar	000 57	6 02 02	90 03 1	979 93	6 9 6 3 0	- - - 98	002 61	7 27 02	97 02 9	026 81	7 9 6 0 0	5 x x xx	+ 1	—	1.3	- 2.4	8.7	14
	Parachinar	005 47	6 13 02	97 02 2	932 71	2 2 7 6 0	5 x 7 84	000 40	2 05 02	99 01 1	940 63	0 0 9 3 0	3 x 7 60	0	0	9.0	—	26.5	29
	Miranshah	000 57	5 07 03	98 02 1	936 60	——	- - - 96	000 65	3 00 00	98 01 1	927 77	3 0 6 3 4	- x x 71		—	3 5	0 3	10.5	16
	Bannu	000 44	7 31 03	98 03 1	968 93	7 5 6 0 0	- - - 03	000 63	0 06 00	99 00 0	023 81	0 0 9 0 0	- - - 79	—	—	3.3	—	8.3	11
	D. I. Khan	009 62	2 02 02	96 02 9	957 04	0 0 9 0 3	0 5 0 04	000 66	0 05 02	96 00 0	019 83	0 0 9 0 0	- - - 80	+ 3	+ 2	1.1	3.9	2.8	9
	Wana																		11
	Landikotal	000 63	6 13 02	98 02 2	897 88	6 7 6 0 0	- - - 98	000 76	2 00 00	99 00 9	934 71	7 7 6 0 0	- - 68		—	2.4	—	11.9	—
	Hangu							xxx xx	6 00 00	97 01 6	— —	0 0 3 2 0	- - - xx	—	—	—	—	—	—
	Thal	xxx xx	6 36 13	98 03 5	— —	3 8 7 3 1	3 0 0 xx	xxx xx	2 xx xx	99 01 1	— —	0 0 9 0 1	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 10	0 00 00	98 95 0	896 95	0 0 9 0 0	- - - 97	000 44	0 00 00	98 06 3	948 74	0 0 0 0 0	- - - 68	+ 1	0	4.1	- 0.7	10 0	12
	Hindubagh	000 09	0 07 09	97 00 0	908 83	0 0 9 0 0	- - - 90	000 38	0 23 09	98 00 0	928 75	0 0 9 0 0	- - - 75	—	—	0.2	—	5.5	—
	Loralai	006 55	0 18 09	96 00 0	876 69	0 0 9 0 0	- - - 92	000 54	0 00 00	96 00 0	917 86	0 0 9 0 0	- - - 57	—	—	1.7	-	6 2	—
	Harnai (a)	000 xx	0 09 02	95 00 0	—	0 0 9 0 0	- - - —	000 xx	0 23 02	96 00 0	—	0 0 9 0 0	- - - xx	—	—	2.0	- 4.8	+ 0 6	14
	Sibi	000 50	0 18 09	98 00 0	954 07	0 0 9 0 0	- - - 08	000 68	0 23 05	98 00 0	016 86	0 0 9 0 0	- - - 82	—	—	2.3	—	3.6	5
	Quetta †	000 58	0 29 02	99 00 0	929 87	0 0 9 0 0	- - - 90	000 87	0 00 00	99 00 0	932 71	0 0 9 0 0	- - - 60	—	—	0.3	- 0.3	0.3	9
	Chaman	000 72	0 23 02	97 00 0	894 93	0 0 9 0 0	- - - 93	000 47	0 15 02	97 00 0	940 65	0 0 9 0 0	- - - 61	- 1	- 5	0	- 0.1	0.4	6
	Nushki	000 65	0 25 16	98 00 0	970 99	0 0 9 0 0	- - - 00	000 45	0 36 05	96 00 0	927 79	0 0 9 0 0	- - - 72		—	0	—	5.4	-
	Dalbandin *	000 21	0 31 16	93 32 3	915 01	0 0 9 0 0	- - - 04	000 49	0 00 00	94 05 0	935 72	0 0 9 0 0	- - - 67	+ 1	+ 4	0	- 0.3	1.6	4
	Nokkundi	000 37	0 34 18	96 06 0	979 01	0 0 9 0 0	- - - 02	000 49	0 34 02	99 00 0	023 80	0 0 9 0 0	- - - 74	—	—	0	—	0.9	2
	Kalat †	000 48	0 32 05	98 00 0	xx 80	0 0 9 0 0	- - - 84	000 34	0 15 05	98 00 0	951 58	0 0 9 0 0	- - - 60	2	- 1	0.7	- 0.4	9.7	7
	Turbat																		—
	Panjgur *																		5
	Las Bela							000 78	0 00 00	99 00 0	023 84	0 0 0 0 0	- - - 75		—	1.6	—	1.7	5
	Ormara	000 73	1 25 18	97 07 3	020 82	1 5 6 0 0	- - - 88	000 76	6 25 00	97 01 1	039 79	6 5 6 0 0	- - - 77	—	—	0.3	- 0.5	3.1	6
	Pasni	000 73	0 23 10	96 00 0	014 63	0 0 9 0 0	- - - 86	000 81	0 27 03	94 00 0	044 78	0 0 9 0 0	- - 71	- 2	- 1	0.8	- 0 1	4.0	6
	Jiwani																		4
SIND	Reti	000 84	0 23 05	96 00 0	976 09	0 0 9 0 0	- - - 09	000 75	0 18 09	96 00 0	026 79	0 0 9 0 0	- - 74	—	—	1.7	—	2.2	—
	Jacobabad	000 67	0 16 09	97 00 0	965 03	0 0 9 0 0	- - - 03	000 73	0 16 07	97 00 0	023 79	0 0 9 0 0	- - - 77	3	- 2	1.3	0.8	1.3	4
	Sukkur	000 73	0 xx xx	96 00 0	964 03	0 0 9 0 0	- - - 05	000 73	0 xx xx	96 00 0	017 79	0 0 9 0 0	- - - 74	—	—	0.5	—	1.0	4
	Pad Idan	000 69	0 16 05	96 00 0	971 05	0 0 9 0 0	- - - 06	000 73	0 00 00	95 00 0	012 78	0 0 9 0 0	- - - 73	—	—	0.8	—	0.9	—
	Karachi (Manora)	000 76	4 23 09	03 01 1	019 82	4 4 4 0 0	- - - 85	000 74	8 23 05	97 02 2	038 79	8 6 4 0 0	- - - 77	- 1	- 1	1.6	- 4.1	1.6	3
	Karachi (A. P.)	000 79	4 23 23	96 03 1	020 82	4 4 5 0 0	- - - 88	000 74	8 27 17	97 03 5	037 81	8 6 5 -	- - - 79		—	3.9	—	3.6	—
	Badin	000 78	6 31 07	97 00 0	008 90	0 0 9 0 0	- - - 94	000 68	0 18 07	97 00 0	030 82	0 0 9 0 0	- - - 78	+ 1	0	7.0	+ 0.8	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 77	0 23 14	97 05 0	997 96	0 0 9 0 0	- - - 92	000 74	0 23 09	97 00 0	020 83	0 0 9 0 0	- - - 75	—	—	2.1	—	2.1	—
	Hyderabad	000 74	0 23 09	97 00 0	999 94	0 0 9 0 0	- - - 99	000 71	0 23 05	97 00 0	020 83	0 0 9 0 0	- - - 73	+ 2	- 5	1.8	- 3.8	1.9	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul							000 48	3 11 03	98 02 1	960 64	0 0 9 4 0	- - - 57	—	—	0.7	—	10.5	—
	Jalalabad							000 54	3 00 00	96 03 1	992 72	0 0 9 5 0	- - x 72		—	0.5	—	6.9	—
	Kandahar							000 45	0 00 00	97 00 0	889 62	0 0 9 0 0	- - - 42		—	0	—	10.4	—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 6TH SEPTEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VV ww W	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_TT_T$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_TT_T$	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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sind	Dharbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Masnec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Arabia	Muscat	000 75	0 00 00	97 00 0	027 85	0 0 9 0 0	- - - 85	000 75	0 26 03	96 00 0	029 82	6 0 8 0 0	- - - 86	- 6	+ 3	0	- 0.1	8.3	4
	Sharjah	000 xx	0 11 02	97 00 0	016 80	8 0 9 0 0	- - - 01	000 xx	0 27 05	97 00 0	032 92	0 0 8 0 0	86	—	—	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 ½ geodynamic Kilometre (6,699-6,715 feet according to latitude.
†† Barometer readings reduced to 2 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 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 $L_aL_aL_a$	$L_oL_oL_o$ 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 $T_RT_aT_dT_d$	$1d_wd_wP_wH_w$
1	1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ship at Bombay	43 184	726 06	6 24 08	97 68 2	068 82	28 6 60	7 4 208	—	—	—
Jalarashmi	43 116	748 12	7 28 09	96 02 0	084 82	74 7 02	3 3 512	8 7 650	0 00 74	1 29 22
Jalirashmi	43 124	744 06	7 28 09	98 03 2	068 82	71 7 30	3 3 300	—	0 01 76	1 27 22
Cedarpool	43 097	782 06	5 22 06	99 03 1	138 83	43 7 08	—	—	—	—
Circassia	43 240	670 16	7 26 16	93 03 1	054 79	72 6 00	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION TEMP CODE :— iiiGG $P_oP_oP_oT_oT_o$ $T_dT_oT_{xo}X_1X_2$ $P_1P_1h_1h_1h_1$ $T_1T_1T_{d1}T_{d1}T_{x1}$ 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	789 15	000 27	133 60	854 75	260 46	709 24	115 54	509 22	529 97	901 83	799 94	558 55	289 18	201 78	819 90	211 68	498 45	280 57	658 00	245 18	448 00	955 91	494 00	659 97	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. ††							
	5	4	3	2	1	12	15	20	25	30	5	4	3	2	1	12	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	18	19	20	21	22	23	24	25
Bogra	10 11	10 27	10 27	09 31	08 37	—	—	—	—	—	—	—	—	—	—	—	11 16	12 20	—	—	—	—	—	—
Chaor	22 17	18 23	22 25	—	—	—	—	—	—	—	—	—	—	—	—	—	22 27	23 26	23 24	—	—	—	—	—
Chittagong	10 17	18 17	—	—	—	—	—	—	—	—	14 20	—	—	—	—	—	08 12	14 21	18 24	—	—	—	—	—
Cox's Bazar	17 15	17 19	16 23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	12 11	12 15	—	—	—	—	—	—	—	—	—	—	—	15 17	—	—	15 12	02 17	—	—	—	—	—	—
Dalbandin	—	—	06 04	01 05	84 04	85 25	94 28	—	—	—	—	—	23 12	34 05	26 21	—	—	—	36 01	36 09	36 16	28 25	—	—
Drasr	—	—	—	—	19 08	19 13	15 09	21 12	22 28	23 27	—	—	—	24 04	04 06	04 10	—	—	—	—	05 05	36 10	18 04	—
Fort Sandeman	—	—	—	03 01	86 05	87 08	32 08	00 38	30 47	—	—	—	—	10 08	20 08	25 07	—	—	—	17 02	25 05	37 18	—	—
Hyderabad	16 09	20 13	24 07	26 09	27 05	33 05	34 15	33 14	31 16	—	15 17	19 19	16 09	21 07	22 00	23 05	14 08	21 07	17 05	21 04	27 03	23 04	28 09	—
Jhelum	15 07	16 07	17 04	03 05	01 05	29 13	29 18	19 01	—	—	32 05	02 05	33 04	22 01	25 02	33 03	23 05	14 06	14 04	26 02	20 03	34 06	25 04	36 00
Kiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	27 15	28 18	27 22	29 19	31 22	36 17	02 16	06 17	—	—	27 18	27 20	27 19	—	—	—	28 20	28 23	26 24	—	—	—	—	—
Khanpur	25 07	21 07	21 131	22 16	23 15	24 05	28 07	32 19	28 28	—	19 29	29 26	30 24	32 15	21 06	24 02	22 16	21 26	23 17	23 17	23 18	19 11	26 08	07 05
Lahore	26 03	23 05	23 06	22 10	21 05	29 05	31 13	34 21	34 19	—	23 02	29 02	29 06	31 05	27 05	25 17	22 16	25 19	23 03	23 03	23 04	23 14	29 14	29 13
Multan	21 06	23 07	24 08	25 10	26 10	24 10	34 19	28 19	30 48	—	30 19	31 23	31 26	33 33	34 13	—	25 14	25 26	23 23	34 17	32 15	32 15	17 01	—
Peshawar	—	03 06	12 02	26 04	22 09	22 18	24 29	32 18	36 18	—	—	—	—	—	01 19	02 24	—	29 07	33 18	36 29	07 15	19 24	32 25	—
Quetta					24 10	27 18	31 17	32 16	—	—	—	—	—	—			—	—	—	—	28 15	—	29 23	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

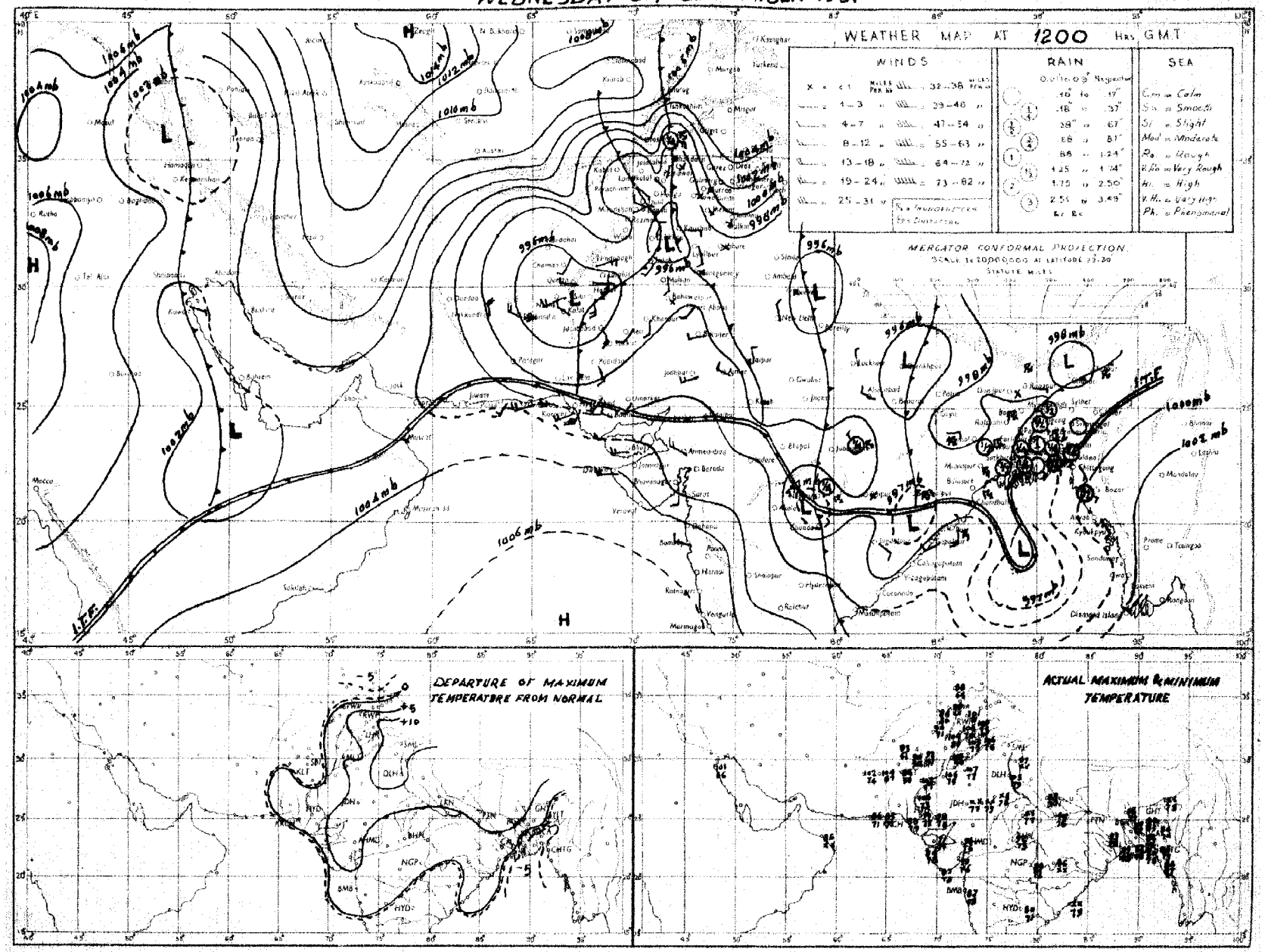
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.9, 1.5, 2.1, 2.9 4.3 5.9, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

Cloud Observation Data (iiiGG Cddv, v,)

N. P. W.

PAKISTAN DAILY WEATHER MAP

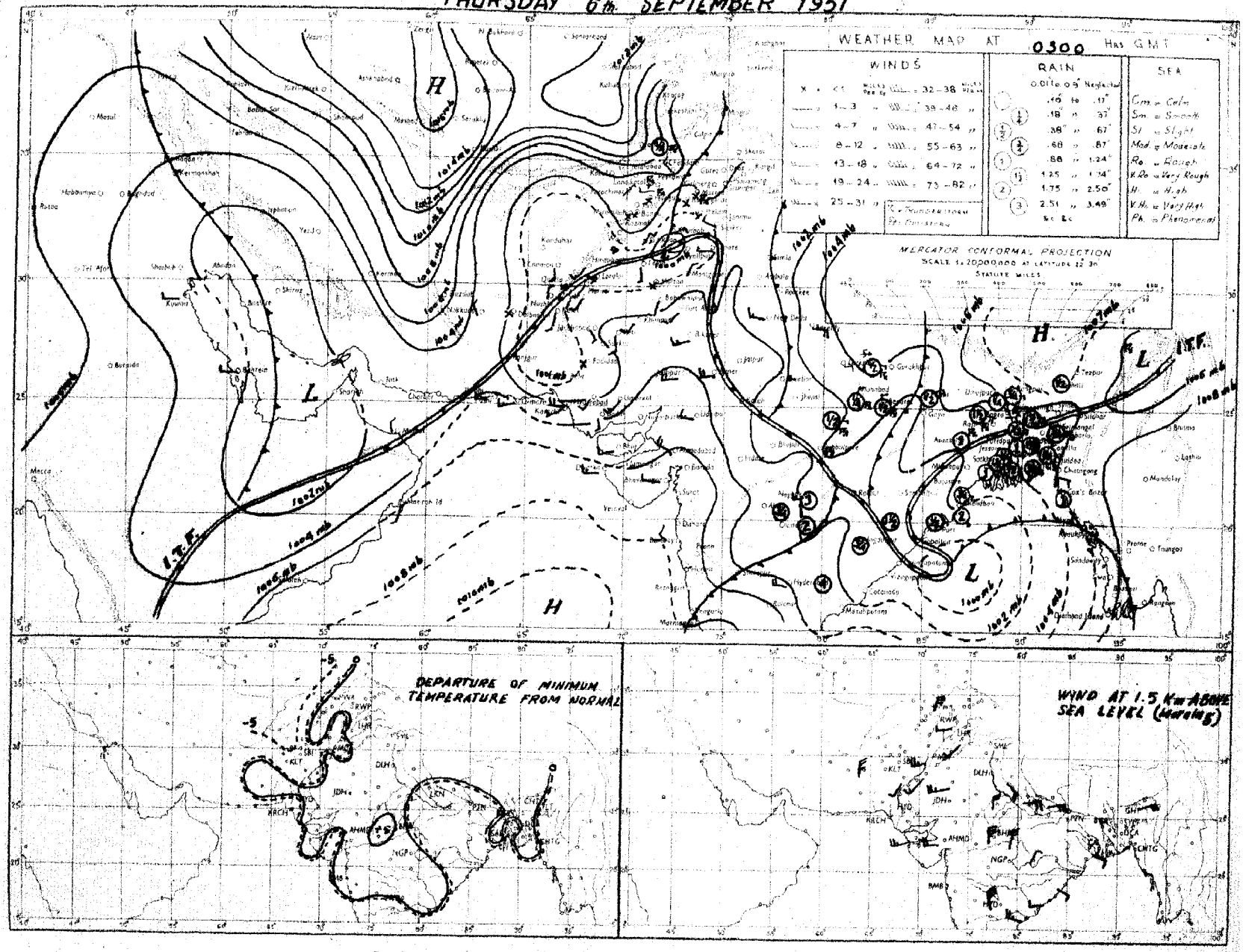
WEDNESDAY 5th SEPTEMBER 1951



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 6th SEPTEMBER 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 FRIDAY, THE 7TH SEPTEMBER, 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 Kashmir and the adjoining areas of West Pakistan.
A well marked trough of low extends from the Central parts of India to the northwest angle of the Bay of Bengal.

Fairly widespread rain and a few thunderstorms have occurred in East Pakistan. Thunderstorms/showers have been fairly widespread in the North-West Frontier Province and scattered in the extreme north Punjab.

Chief amounts of rainfall are :—Brahmanbaria 1½". Cox's Bazar and Faridpur 1" each, Comilla, Khulna, Barisal and Dinajpur ½" each and Narayanganj, Jessore, Bogra, Sirajganj and Cherat ½" each.

Day temperature were appreciably to markedly above normal in the plains of Punjab and appreciably below normal in the upper North-West Frontier Province.

Forecast valid until the evening of 8th :—Fairly widespread rain/thundershowers will occur in East Pakistan, Kashmir the extreme north Punjab and the upper North-West Frontier Province. Scattered dust/thunderstorms are also likely to occur in north Baluchistan.

Karachi-11.
The 7th September, 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	WlDLDMTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhClhCMCH	WlDLDMTnTn	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	027 76	7 13 03	93 21 6	039 80	5 5 5 3 3	- x x 83	094 78	4 18 03	97 01 6	072 85	8 2 6 3 0	- - - 77	- 3	+ 1	77.5	- 21.9	87.1	140
	Chittagong	013 76	8 16 09	96 09 6	029 83	7 5 6 2 0	x 85	013 76	4 13 09	97 02 5	060 85	2 2 6 9 0	- - - 78	- 2	+ 2	77.6	+ 8.5	107.8	108
	Comilla	050 78	8 13 02	98 08 6	042 79	8 5 7 0 0	84	050 77	6 13 05	98 08 1	073 81	6 4 7 0 0	9 0 0 87	- 4	+ 4	96.6	+12.7	92.2	115
	Brahmanbaria	163 79	2 18 02	97 03 6	035 80	2 4 5 0 0	2 x x 90	167 78	4 18 03	97 01 6	067 84	4 5 5 0 0	1 x x 78	—		45.7		55.6	94
	Dacca	xx- 77	8 18 02	95 95 9	025 80	4 9 5 2	x 90	xxx 79	7 13 05	93 02 9	055 83	6 5 4 3 0	- - - xx			—	—	—	78
	Narayanganj	008 79	8 10 02	94 24 6	020 82	5 5 5 x -	- - 90	023 78	7 09 03	95 03 6	054 86	6 5 5 0 3	- - - 79	+ 1	0	51.5	+10.1	70.4	74
	Mymensingh	000 81	8 00 00	99 02 2	023 85	8 4 7 -	90	000 79	8 09 02	99 02 2	066 88	8 4 7 x x	- - - 78	+ 2	0	85.2	- 17.0	43.3	91
	Srimangal	002 77	8 12 02	95 60 6	036 79	5 5 6 - -	2 x x 89	006 77	5 13 03	97 02 6	071 85	0 0 9 3 1	- - - 77	- 2	+ 2	64.2	+ 3.7	81.3	98
	Khulna	083 78	8 16 02	96 03 5	020 81	8 7 6 -	- - 87	063 78	6 11 03	96 02 1	049 84	6 8 6 0 0	- - - 78	- 1	0	26.9	- 5.9	45.5	68
	Satkhira	000 79	8 13 02	96 03 6	018 81	6 9 6 6 0	88	000 78	7 02 03	97 03 1	035 85	5 9 6 6 0	- - 78	1	0	23.6	16.1	32.1	65
	Jessore	031 79	6 19 02	96 03 6	023 85	6 8 6 0 0	4 0 0 88	031 79	6 13 03	96 02 2	047 85	6 8 6 0 0	- - 88		—	26.8	10.9	33.9	65
	Faridpur	045 77	8 00 00	96 25 9	023 78	5 4 6 1 0	82	091 78	6 13 05	97 01 6	044 84	4 4 6 1 0	- - - 77	- 6	2	38.3	- 2.1	44.7	71
	Barisal	040 80	8 13 03	96 60 6	022 81	7 7 5 2 -	85	055 80	6 13 03	98 08 6	051 87	3 4 6 0 6	- - 78	- 3	0	44.1	- 4.9	54.8	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 78	7 00 00	98 02 2	019 85	6 2 7 -	- - - 87	023 77	6 09 02	99 01 2	050 83	6 2 7 -	- - - 77	- 1	1	42.8	- 8.7	52.8	64
	Bogra	009 97	7 09 03	95 91 6	016 86	5 3 5 0 5	87	022 79	7 09 03	96 02 0	058 89	7 8 5 0 0	- - - 77	- 3	1	31.5	10.1	36.4	69
	Dinajpur	027 79	3 00 00	97 01 6	035 82	0 0 9 0 8	9 0 0 88	047 79	8 19 02	97 02 2	062 82	8 4 7 0 0	- - 78	- 1	0	30.7	9.5	41.0	71
	Rangpur	000 xx	5 09 02	98 02 1	--- —	0 0 9 1 0	xx	001 xx	5 09 02	97 02 5	— —	5 5 8 0 0	2 0 0 xx		—	59.0	+ 7.4	68.3	84
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 81	0 20 04	96 00 0	985 0-	0 0 9 0 0	- - - 03	000 71	0 00 00	95 04 0	037 81	0 0 9 0 0	- - 78	+ 8	- 1	5.9	2.4	10.2	12
	Lahore	000 56	0 00 00	96 00 0	992 03	0 0 9 0 0	- - 05	000 73	0 09 03	96 00 0	048 88	0 0 9 0 0	- - 76	+ 8	+ 1	10.6	2.6	14.7	19
	Sialkot	000 62	0 00 00	97 00 0	000 01	0 0 9 0 0	- - - 03	000 73	0 09 05	97 00 0	047 86	0 0 9 0 0	- - - 80	+ 8	+ 4	13.8	7.4	16.7	32
	Jhelum	000 71	0 00 00	97 00 0	993 01	0 0 9 0 0	- 02	000 71	0 09 05	97 00 0	052 84	0 0 9 0 0	- - 7x	—	—	16.4		25.8	
	Rawalpindi	000 56	1 36 02	99 01 1	995 95	1 0 7 2 0	00	000 54	4 09 00	99 02 2	038 87	0 0 9 2 0	- 73	+ 6	+ 2	14.3	6.6	25.2	36
	Murree †	000 51	2 27 02	96 02 1	952 74	2 1 4 0 0	9 x x 77	000 41	3 02 14	97 01 1	988 61	0 0 9 8 0	9 x 1 59	+ 7	+ 4	20.8	11.2	42.4	59
	Attock	xxx xx	0 05 05	98 00 0	--	0 0 9 0 0	—	xxx xx	8 29 09	98 97 0	— —	8 0 5 3 0	- xx	—	—		—		
	Khushab	000 65	0 15 05	98 00 0	982 04	0 0 9 0 0	- - 04	000 70	0 07 05	97 00 0	044 89	0 0 9 0 0	- - - 78	+ 4	1	3.1	6.3	8.0	15
	Montgomery	000 62	0 00 00	96 00 0	996 02	0 0 9 0 0	- 03	000 65	2 03 02	96 00 0	043 83	0 0 9 0 0	- 74	+ 2	- 5	2.5	3.9	6.1	10
	Leiah	000 69	0 23 02	97 00 0	982 05	0 0 9 0 0	- 06	000 70	0 27 09	97 00 0	051 85	0 0 9 0 0	- 77	—	—	4.9		6.6	8
	Multan	000 65	0 18 05	97 00 0	992 01	0 0 9 0 0	- - 02	000 7x	0 18 0x	97 00 0	040 82	0 0 9 0 0	- - - 79	+ 3	- 1	3.8	0.4	6.9	7
	Khanpur	000 78	0 23 07	95 05 0	991 11	0 0 9 0 0	- - - 05	000 73	0 25 07	95 05 0	044 80	0 0 9 0 0	- - 78	+ 2	0	0.8	4.4	1.9	4
	Bahawalpur	000 60	0 23 02	97 00 0	993 03	0 0 9 0 0	- - 04	000 71	0 23 05	97 00 0	045 82	0 0 9 0 0	- 77	+ 3	0	1.9	2.3	5.0	4
	Fort Abbas	000 95	0 23 03	96 00 0	984 05	0 0 9 0 0	0 x x 08	000 67	0 23 03	96 00 0	048 87	0 0 9 0 0	- 76		—	2.8		3.7	8
N. W. F. P.	Drosh *	000 42	6 07 19	98 02 1	941 72	4 9 6 8 0	8 x 9 25	014 84	2 00 00	99 02 6	013 80	2 5 5 0 0	9 x x 59	5	- 8	1.7	—	21.9	13
	Chakdara	000 60	4 05 05	9 01 1	015 85	4 4 6 0 0	2 x x 87	000 55	8 23 12	98 02 9	093 73	8 5 6 -	1 x x 67		—	6.5	—	18.8	
	Cherat *							025 57	8 31 10	97 95 9	977 62	8 9 9 0 0	1 x x 51		- 6	5.5	- 5.3	27.6	29
	Peshawar	007 38	5 00 00	97 03 9	022 90	3 9 6 7 0	8 x x 92	015 63	7 36 03	97 17 9	033 73	5 9 5 2 0	9 x 0 70	- 4	- 4	1.2	- 2.5	6.8	14
	Parachinar	011 49	6 13 02	97 02 9	933 66	2 2 7 6 0	4 x 7 76	011 51	6 09 02	xx -3 2	944 61	2 2 6 7 0	4 x 9 60	- 7	6	9.0	—	26.5	20
	Miranshah	009 67	5 07 05	98 02 1	909 92	5 2 6 6 0	- 04	002 62	8 00 00	99 60 2	045 77	0 0 9 4 4	- 78	—		3.6	0.3	10.5	13
	Bannu	000 56	5 12 02	99 03 0	980 99	0 0 9 1 0	- 01	000 67	3 00 00	99 03 1	044 80	0 0 9 1 0	76	—	—	0.9		5.8	11
	D. I. Khan	000 67	0 36 02	96 00 0	997 02	0 0 9 0 0	- - - 03	000 68	0 05 02	96 00 0	057 77	0 0 9 0 0	- - 75	+ 2	- 3	1.1	3.9	2.8	9
	Wana																		11
	Landikotal	001 65	7 13 03	95 61 9	935 83	7 7 5 0 0	83	001 62	8 02 02	99 02 9	962 67	7 7 5 0 0	65		—	2.4	—	12.0	—
	Hangu	xxx xx	4 00 00	97 01 1	— —	0 0 9 2 0	8 x 0 —	xxx xx	4 00 00	97 01 3	— —	0 0 9 4 0	9 x 0 xx	—	—	—	—	—	—
	Thull	xxx xx	7 09 09	98 03 1	— -	3 8 6 3 1	—	xxx xx	3 36 09	99 01 6	— —	0 0 9 2 1	xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 31	0 23 05	98 05 0	895 94	0 0 9 0 0	- 86	000 50	9 98 00	98 06 4	948 78	9 - 0 - -	- 69	+ 2	+ 1	4.1	- 0.7	10.0	11
	Hindubagh	000 10	0 81 05	98 00 0	923 84	0 0 9 0 0	- 86	000 31	0 25 05	98 00 0	951 67	0 0 9 0 0	- 52			0.2	—	5.5	—
	Loralai	000 61	0 27 09	96 00 0	891 67	0 0 9 9 0	- 90	000 50	0 00 00	96 00 0	949 68	0 0 9 0 0	- - 59	—	-	1.7		8.1	—
	Harnai (a)	000 xx	0 09 02	96 00 0	-- —	0 0 9 0 0	—	000 xx	0 00 00	96 00 0	— —	0 0 9 0 0	- xx		—	2.0	- 4.9	10.6	14
	Sibi	000 59	0 18 09	99 00 0	973 05	0 0 9 0 0	- 05	000 71	0 13 05	99 00 0	035 84	0 0 9 0 0	- - 82	—		2.2		3.8	5
	Quetta †	000 34	0 34 09	99 00 0	941 88	0 0 9 0 0	- 86	000 41	0 00 00	96 05 0	948 65	0 0 9 0 0	- - 42	—		0.8	0.2	9.3	9
	Chaman	000 70	0 27 05	97 00 0	928 90	0 0 9 0 0	- - 90	000 23	0 27 02	97 00 0	961 68	0 0 9 0 0	- - 64	- 3	2	0	0.1	9.6	8
	Nushki	000 81	0 81 02	97 00 0	980 96	0 0 9 0 0	- - 00	000 87	0 09 10	96 00 0	013 90	0 0 9 0 0	- - 72		—	0	—	5.4	
	Dalbandin *	000 39	0 28 07	94 05 0	920 01	0 0 9 0 0	- 02	000 43	0 00 00	94 05 0	957 78	0 0 9 0 0	- 64	+ 1	+ 1	0	0.3	1.8	4
	Nokkundi	000 73	0 34 38	99 00 0	987 09	0 0 9 0 0	- 00	000 49	0 00 00	99 00 0	045 80	0 0 9 0 0	- - 71	—	—	0	—	0.9	2
	Kalat †	000 20	0 32 13	98 00 0	951 78	0 0 9 0 0	- - - 82	000 30	0 18 02	98 00 0	970 59	0 0 9 0 0	- - 51	3	0	0.8	0.3	9.7	7
	Turbat																		5
	Panjgur *																		8
	Las Bela	000 76	0 16 06	99 00 0	999 95	0 0 9 0 0	- - - 02	000 75	0 00 00	99 00 0	055 82	0 0 9 0 0	- - 78	—		1.6		1.7	6
	Ormara	000 77	1 25 09	97 01 0	008 76	1 5 6 0 0	- - 85	000 74	5 25 05	97 01 1	056 81	5 5 6 0 0	- - - 78		—	0.3	- 0.5	3.1	6
	Pasni	000 78	0 25 10	96 00 0	003 83	0 0 9 0 0	- - 87	000 73	7 12 03	96 03 0	059 76	7 4 5 0 0	4 x x 78	- 3	+ 1	0.8	- 0.1	4.9	6
	Jiwani																		4
SIND	Beti	000 85	0 18 09	98 00 0	001 04	0 0 9 0 0	- - - 04	000 75	0 22 07	96 00 0	043 80	0 0 9 0 0	- - 76	—		1.7	—	2.2	—
	Jacobabad	000 67	0 13 09	97 00 0	989 00	0 0 9 0 0	- 00	000 71	0 13 05	98 00 0	048 82	0 0 9 0 0	- - 79	- 3	0	0.2	1.9	0.7	4
	Sukkur	000 73	0 xx xx	96 00 0	984 01	0 0 9 0 0	- - 02	000 74	0 xx xx	96 00 0	048 78	0 0 9 0 0	- - - 75		—	0.5	—	1.0	4
	Pad Idan	000 72	0 18 05	98 00 0	990 02	0 0 9 0 0	- 03	000 14	0 13 05	98 00 0	042 78	0 0 9 0 0	- - 75	—		0.8	—	0.9	—
	Karachi (Manora)	003 76	6 25 09	98 02 2	027 82	6 5 6 0 0	- 85	000 76	8 25 05	98 02 2	054 79	8 5 6 - -	- - - 77	0	- 1	1.5	- 4.1	1.6	8
	Karachi (A. P.)	000 73	3 25 16	98 01 1	026 65	3 6 5 0 0	88	000 74	1 27 09	96 01 1	065 81	1 8 6 0 0	- - - 77	—	—	2.9	—	3.8	
	Badin	000 73	6 23 07	97 00 0	020 90	6 6 7 0 0	- 92	000 73	0 27 07	97 00 0	059 80	0 0 9 0 0	- - 77	- 2	- 1	7.0	+ 0.8	7.0	8
	Nagarparkar																		
	Chhor (Umarkot)	000 77	0 28 10	97 00 0	012 94	0 0 9 0 0	- 97	000 75	0 28 09	97 00 0	050 80	0 0 9 0 0	- - - 75	—	—	2.1	—	2.1	
	Hyderabad	000 74	0 23 10	97 00 0	018 91	0 0 9 0 0	- - - 98	000 75	1 23 07	97 01 0	042 80	0 0 9 0 1	- - 76	+ 1	- 1	1.8	- 3.8	2.0	7
JUNAGADH	Veraval																		29
AFGHANISTAN	Kabul	000 46	6 07 03	98 29 9	983 77	6 8 8 4 0	2 0 0 98												12
	Jalalabad	000 76	6 13 04	97 01 1	056 91	0 0 0 4 0	6 x 9 94	000 71	5 00 00	97 01 1	995 60	0 0 0 7 0	3 x 9 68	—	—	0.5	—	0.9	—
	Kandahar																		—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 7TH SEPTEMBER, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd	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 $T_d T_d$	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 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
	Mashec	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bunsire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 80	0 09 02	97 09 0	021 87	0 0 9 0 0	--- 90	009 78	1 86 05	97 00 0	040 85	0 0 9 0 0	--- xx	0	+ 7	0	- 0.1	3.8	4
	Bhariao	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 09 02	97 00 0	014 07	0 0 9 0 0	--- 09	000 xx	0 60 00	97 00 0	043 95	0 0 9 0 0	--- 84	---	---	0	---	1.8	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	$N_h C_L h C_M C_H$	$D_s v_s$ spp	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	3	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Celicola	58 234	650 00	3 34 13	83 02 0	037 79	31 5 09	5 6 300	---	0 06 79	---
Cercassia	58 229	671 00	0 28 18	96 03 1	034 79	00 8 00	---	---	---	---
Dwarka	58 214	698 06	3 24 09	99 02 0	079 84	21 5 40	3 5 119	---	0 01 76	---
Circassia	58 216	694 06	2 25 14	93 01 0	071 84	21 6 09	---	---	---	---
City of Darham	58 216	671 06	1 22 13	98 03 0	078 84	11 x 00	1 5 300	---	0 05 78	---
Circassia	58 206	707 12	2 25 12	90 01 0	051 84	21 5 00	---	---	---	---
Dwarka	58 208	709 12	5 27 09	99 03 0	053 84	21 4 01	3 5 812	---	0 51 75	---
Marquari	58 059	822 12	6 24 12	98 01 1	085 80	21 x 02	7 6 814	---	0 01 77	1 24 x2
Circassia	58 199	716 18	1 25 13	98 01 1	078 71	11 5 00	---	---	---	---
BAY OF BENGAL										

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

STATION	TEMP	CODE :—	iiiGG	$P_o P_o P_o T_o T_o$	$T_d o T_d o T_{xo} X_1 X_2$	$P_1 P_1 h_1 h_1 h_1$	$T_1 T_1 T_d T_d T_{x1}$ etc:	5555	$h_1 h_1 P_1 P_1 P_1$	$T_1 T_1 T_d T_d T_{x1}$ 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 ...	789 14	001 27	284 60	000 09	272 34	854 78	261 02	700 26	185 32	509 15	019 90	302 35	729 94	291 76	949 97	555 55	319 80	222 07	418 72	212 07	508 42	270 75	658 00	250 23	268 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	10	15	20	25	30	1	2	3	4	7	10	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
Bagra	09 14	10 15	10 17	10 24	---	---	---	---	---	---	10 16	12 19	---	---	---	---	12 12	---	---	---	---	---	---	---
Chno	21 19	21 20	21 16	---	---	---	---	---	---	---	---	---	---	---	---	---	22 19	22 19	21 18	19 24	19 16	03 08	03 07	31 0
Chittagong	15 15	16 17	16 30	16 22	37 28	---	---	---	---	---	17 22	17 25	15 32	---	---	---	14 16	16 15	16 15	16 18	---	---	---	---
Cox's Bazar	15 26	16 29	15 28	---	---	---	---	---	---	---	15 18	16 20	---	---	---	---	16 17	16 17	15 18	20 20	21 16	20 10	19 04	---
Dacca	15 10	18 13	12 16	---	---	---	---	---	---	---	---	---	16 21	17 20	16 15	---	12 02	---	---	---	---	---	---	---
Dalbandin	---	---	26 04	27 07	23 07	32 17	33 20	---	---	---	---	---	09 04	25 08	22 06	---	---	---	09 01	02 04	31 07	35 55	---	---
Drosh	---	---	---	---	24 04	19 05	17 05	---	---	---	---	---	---	15 05	28 05	03 12	---	---	---	---	05 08	03 09	26 09	25 28
Fort Sandeman	---	---	---	16 04	20 07	21 24	---	---	---	---	---	---	---	23 09	22 10	21 27	---	---	---	15 01	01 03	30 12	18 14	22 11
Jacobabad	16 08	17 06	15 05	22 04	25 10	30 08	30 10	25 19	27 25	27 27	17 17	16 13	20 05	21 04	18 08	24 09	14 04	20 21	05 05	02 03	30 08	31 12	23 17	29 08
Jnetim	18 02	16 04	15 08	14 06	16 06	22 03	26 13	24 15	25 25	---	07 05	18 15	16 16	14 16	18 20	06 02	11 15	11 23	11,17	03 04	11 01	19 08	27 10	26 11
Jiwani	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Karachi	24 15	27 25	27 28	---	---	---	---	---	---	---	25 14	25 12	25 10	---	---	---	27 11	26 14	28 12	26 14	08 13	30 16	03 37	---
Khanpur	21 05	20 08	20 10	19 12	18 13	11 08	25 08	25 13	25 24	---	20 88	20 25	20 22	21 11	16 14	13 15	14 20	22 23	22 21	20 17	15 13	15 05	24 09	
Lahore	20 05	25 04	24 08	24 07	25 07	30 04	31 08	30 14	28 54	25 41	16 21	18 05	25 06	25 11	25 08	19 05	12 06	24 09	25 06	25 04	30 10	31 07	29 97	28 12
Multan	21 12	21 11	21 08	24 14	28 20	22 16	22 11	23 10	---	---	28 23	22 26	22 27	20 23	21 17	14 06	12 20	22 19	22 17	24 15	22 13	21 20	15 09	---
Peshawar	---	29 06	23 07	26 11	07 08	10 12	22 15	---	---	---	---	31 10	09 01	04 08	09 07	19 10	---	---	---	24 07	27 07	22 01	---	---
Quetta	---	---	---	---	27 11	28 11	27 26	25 17	25 27	26 35	---	---	---	---	31 26	23 20	---	---	---	---	10 10	22 08	22 19	---
Bushire	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bhariar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

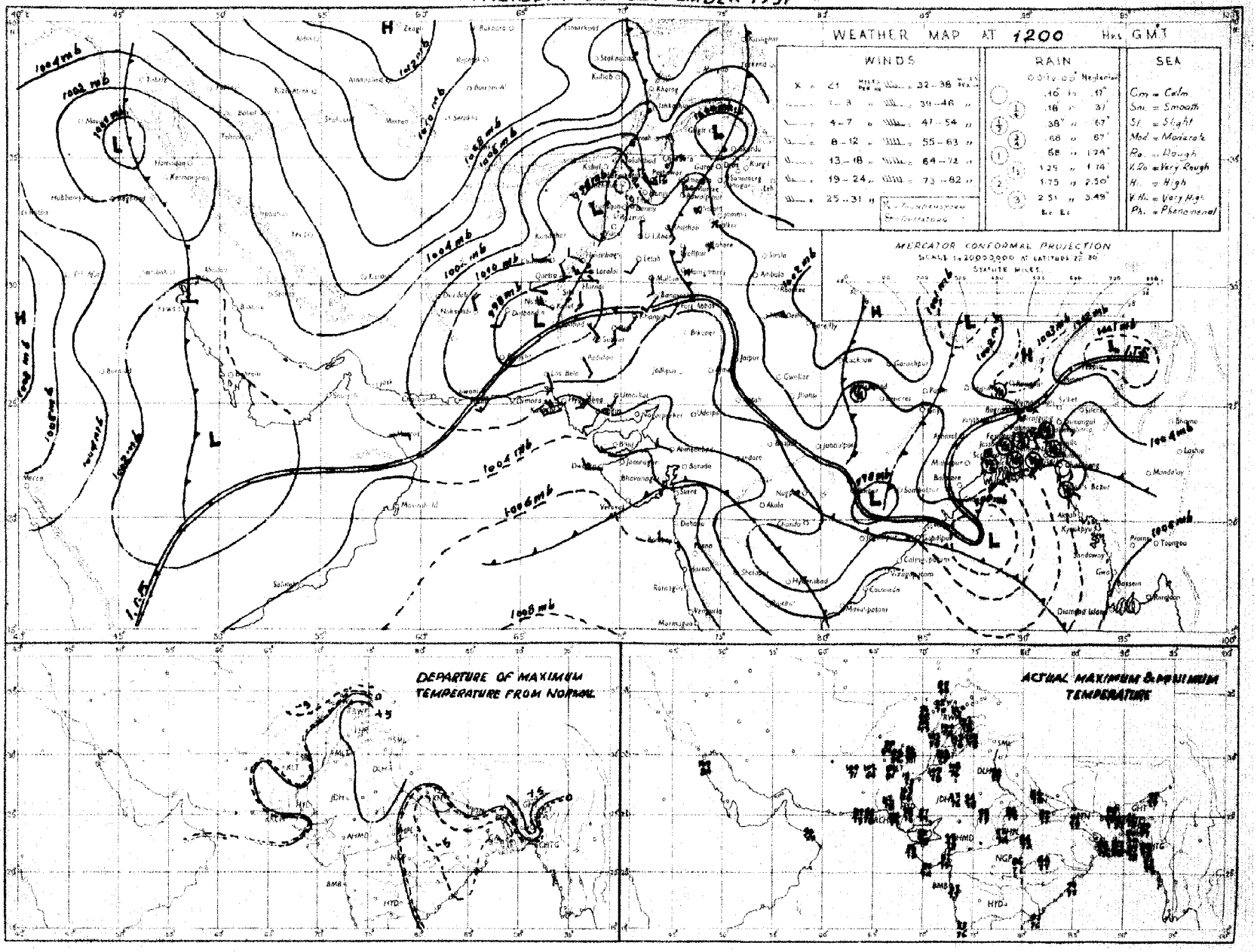
Cloud Observation Data (iiiGG Cddv. v_v)

* 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 0.2, 0.5, 0.9, 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

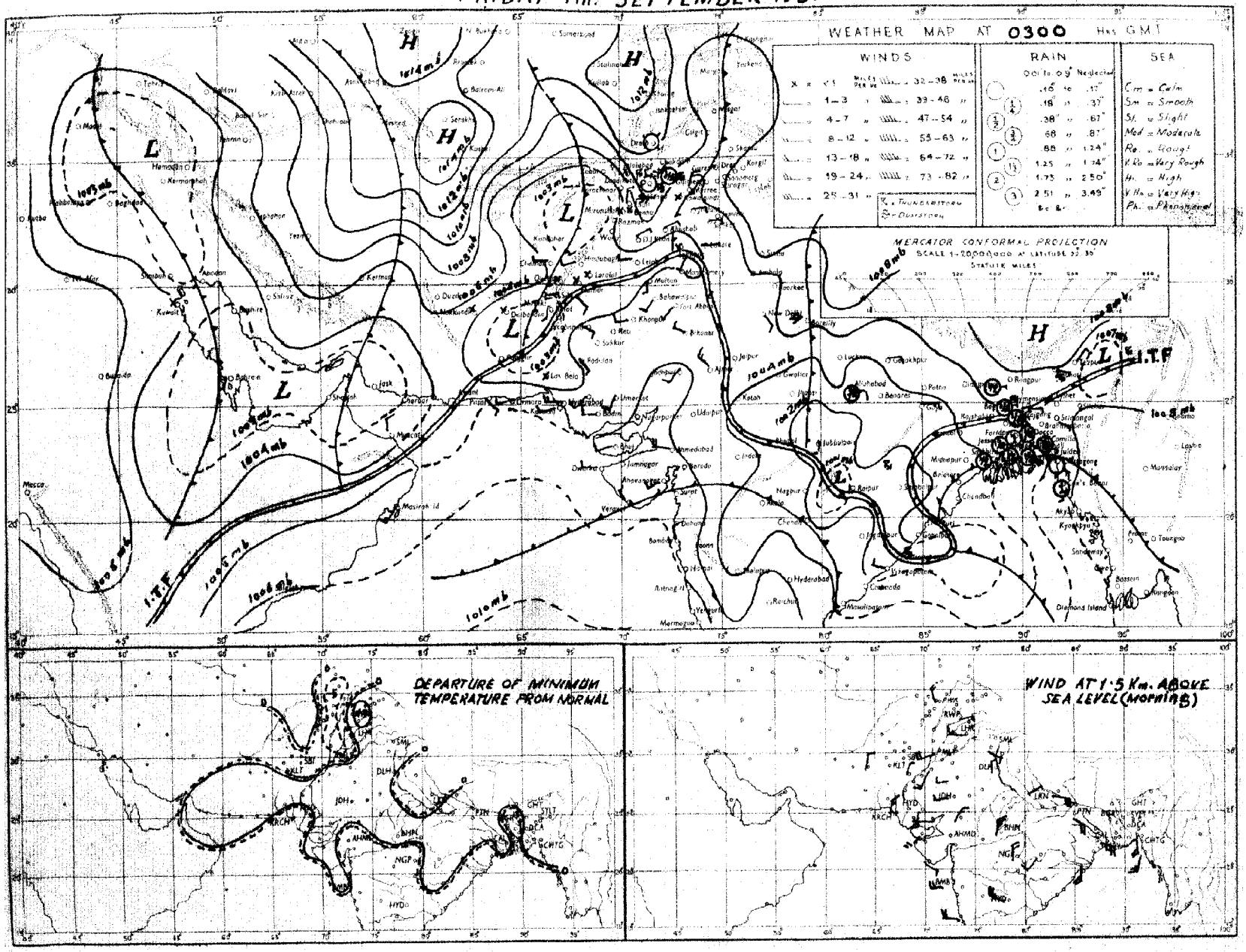
THURSDAY 6th: SEPTEMBER 1951



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 7th. SEPTEMBER 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 8TH SEPTEMBER, 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 eastward across the extreme north of West-Pakistan.
A low is moving eastward across Iraq.
A well marked trough of low extend from Central India to Orissa.

Observatories from East Pakistan are meagre. Rain/thunderstorms have been fairly widespread in the North West Frontier Province and local in the north Punjab and East Pakistan.

Chief amounts of rainfall are :—Faridpur ½" and Chittagong, Narayanganj, Khulna, Satkhira, Rawalpindi, Murree and Chrat ¼" each.

Day temperatures were appreciably to markedly below normal in north Baluchistan and the upper North West Frontier Province and appreciably to markedly above normal in the plains of nort Punjab.

Forecast valid until the evening of 9th :—fairly widespread rain/thunderstorms will occur in East Pakistan. Local thunderstorms/ showers will occur in Kashmir, the upper North West Frontier Province and the north Punjab.

Karachi-11.
The 8th September, 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	WtDRDMTxTn	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDRDMTxTn	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	015 80	4 18 03	95 02 6	043 83	1 2 6 2 3	- - - 87	017 68	5 00 00	96 02 1	069 84	1 1 6 2 1	- - - 77	+1	+1	77 7	22 8	87.8	140
	Chittagong	033 77	6 16 05	97 03 6	031 84	4 5 6 9 9	- - - 87	033 76	6 16 02	97 03 1	080 85	4 8 6 7 0	- - - 79	0	+3	77 9	+ 8 3	107.7	108
	Comilla							018 79	6 13 05	93 03 1	059 84	6 4 7 0 0	5 0 0 79		+2	85 8	+ 30 3	92 4	115
	Brahmanbaria	000 81	4 18 02	97 03 1	031 86	4 4 5 0 0	- - - 91	000 79	4 6m 09	97 03 1	062 87	4 4 5 0 0	- - - 77	—	—	45.7	+ 4.0	55 6	94
	Dacca	××× 78	5 18 02	98 01 6	022 84	3 8 5 4 1	- - - 89	××× 72	6 18 02	96 02 6	055 89	6 8 5 0 0	- - - 77	—	—	—	—	—	78
	Narayanganj	000 79	4 18 02	94 01 1	021 87	3 4 5 0 8	- × - 90	029 80	7 13 03	95 02 6	053 87	7 5 0 0 8	- - - 79	+1	0	51.8	+10.1	70.7	74
	Mymensingh	000 81	8 09 02	99 02 2	023 85	8 4 7 - -	- - - 90							+2					91
	Srinangal	000 80	4 09 02	97 02 1	025 88	3 2 6 0 1	- × - 91	000 68	7 05 02	97 02 9	067 82	5 8 5 4 0	- - - 76	0	+1	54.2	+ 3.3	81 8	98
	Khulna	000 87	2 13 02	96 00 0	024 87	2 3 7 0 0	- - - 85	052 79	2 13 02	97 01 0	058 86	2 8 8 0 2	- - - 80	- 3	+2	27.2	5.9	45.7	68
	Satkhira	000 79	5 18 02	97 03 1	016 85	5 9 6 8 0	- - - × 88	024 99	5 13 02	97 03 6	056 88	4 4 7 6 0	- × - 78	- 1	0	23 8	16.1	32 4	65
	Jessore	000 79	2 09 02	97 01 1	018 82	1 1 6 0 1	- × - 90	000 79	4 18 03	96 02 2	053 87	4 8 6 0 0	- - - ××	—	—	26 8	11.2	33.9	65
	Faridpur	058 80	3 13 05	96 01 9	023 84	2 4 5 1 0	- - - 84	055 80	3 18 09	93 01 1	044 86	3 4 6 2 9	- - - 79	- 4	0	58.9	0.9	44.2	71
	Patuakhali																		81
	Pabna																		50
	Rampur Boalia																		66
	Sirajganj							000 79	6 00 00	99 02 2	049 86	6 2 7 - -	- - - 79			42.8	4.5	62.8	64
	Bogra	000 78	5 09 02	96 03 1	017 87	4 2 6 0 1	- - - 90	000 68	5 13 02	96 02 9	053 86	3 1 7 0 2	- - - 80	+1	+2	31.5	11.5	38.4	69
	Dinajpur	000 80	3 99 02	97 01 2	024 88	3 0 9 4 0	- × 91	000 99	7 00 00	97 00 3	056 85	3 0 9 4 0	- - - 80	+2	+2	30 7	9 9	41.0	72
	Rangpur	010 ××	5 09 02	97 02 6	--- —	6 5 8 0 0	4 0 6 —	010 ××	3 99 02	98 02 1	—— —	3 1 8 0 0	- - - —	—	—	59 1	+ 7.1	68.4	84
KASHMIR	Srinagar †																		
	Gulmarg †‡																		
	Sonamarg (a)																		
	Dras †																		
	Leh †‡																		
	Skardu †																		
	Gilgit *																		
	Minqar																		
	Allahbad																		
PUNJAB	Lyallpur	000 77	0 15 02	96 00 0	998 81	0 0 0 0 0	- - - 06	000 77	0 23 02	96 00 0	034 83	0 0 0 0 0	- - - 77	+ 7	0	5.9	2.5	10 2	18
	Lahore	000 67	0 31 03	97 00 1	008 99	0 0 0 0 0	3 × × 01	000 69	1 09 06	96 02 1	038 85	0 0 0 0 0	4 0 × 75	+ 4	0	10.6	2.7	16.7	19
	Sialkot	000 67	0 27 04	97 00 0	001 98	0 0 0 0 0	- - - 95	000 75	0 18 04	97 00 0	039 83	0 0 0 0 0	- - - 75	+ 2	- 1	13.6	7.5	18.7	32
	Jhelum	000 67	7 00 00	94 00 9	008 97	0 0 0 0 0	8 × × 99	000 68	0 31 02	97 00 0	045 79	0 0 0 0 0	- - - 70	—	—	16.4	—	25.8	—
	Rawalpindi	020 62	8 00 00	89 01 9	017 87	3 0 7 2 0	7 × × 93	020 61	0 00 00	99 00 0	042 75	0 0 0 0 0	- - - 65	- 1	- 6	14.6	6.5	25.4	36
	Murree †	020 43	0 27 02	98 00 9	952 70	0 0 0 0 0	7 × × 71	020 47	0 00 00	90 00 6	961 66	0 0 0 0 0	8 × × 52	+ 1	- 3	31.0	11 2	42.6	52
	Attock	××× ××	0 34 02	98 00 8	—	0 0 0 0 0	7 0 9 —	××× ××	0 00 00	98 00 0	—— —	0 0 0 0 0	- - - —	—	—	—	—	—	
	Khushab	000 64	0 05 05	98 00 0	018 99	0 0 0 0 0	- - - 00	000 65	0 16 06	99 00 0	048 85	0 0 0 0 0	- - - 76	0	- 3	3.1	0 3	8 0	15
	Montgomery	000 65	0 00 00	97 00 0	004 04	0 0 0 0 0	- - - 05	000 63	0 00 00	96 00 0	044 85	0 0 0 0 0	- - - 72	+ 4	- 7	2.5	3.9	6.1	19
	Leiah	000 75	0 27 02	97 00 0	000 05	0 0 0 0 0	- - - 05	000 69	0 00 00	97 00 0	052 84	0 0 0 0 0	- - - 78	—	—	0.0		0.0	2
	Multan	000 64	0 18 02	97 00 0	005 02	0 0 0 0 0	- - - 02	000 64	0 00 00	98 00 0	048 82	0 0 0 0 0	- - - 75	+ 4	- 2	3.8	0.7	9.9	7
	Khanpur	000 77	0 23 07	95 05 0	014 01	0 0 0 0 0	- - - 02	000 73	0 27 07	94 04 0	034 82	0 0 0 0 0	- - - 77	1	- 1	0.8	4 4	1 9	6
	Bahawalpur	000 58	0 00 00	97 00 0	010 00	0 0 0 0 0	- - - 03	000 69	0 27 02	97 00 0	044 82	0 0 0 0 0	- - - 76	+ 2	- 1	1.0	2.3	5.0	8
	Fort Abbas	000 94	0 23 03	96 ×× 0	991 04	0 0 0 0 0	0 × × 06	000 68	0 23 02	96 00 0	××× 86	0 0 0 0 0	0 × × 76	—		2.8	—	3.7	8
N. W. F. P.	Drosh *	000 42	4 00 00	99 02 1	937 80	8 1 7 3 0	8 × 9 82	000 46	0 00 00	99 00 1	004 87	0 0 0 0 0	9 × × 60	- 8	- 7	1.7	—	21.9	18
	Chakdara	000 68	0 00 00	99 00 0	29 87	0 0 0 0 0	- - - 87	000 56	0 00 00	98 00 0	064 72	0 0 0 0 0	- - - 62			6.5	—	18.8	
	Cherat *	027 57	0 31 12	98 00 9	982 71	0 0 0 0 0	6 × × 75	027 50	0 26 10	98 00 0	962 72	0 0 0 0 0	- - - 60	10	- 7	5.5	5.1	27.9	29
	Peshawar	002 55	5 00 00	97 03 9	049 85	4 0 6 3 0	- - - 93	002 63	0 00 00	98 00 0	053 77	0 0 0 0 0	- - - 66	- 8	- 8	1.3	2.5	3.6	14
	Parachinar	017 53	6 15 02	96 02 2	980 65	2 2 6 6 0	5 × 7 78	017 47	0 00 02	99 00 2	982 69	0 0 0 0 0	8 × × 55	- 5	- 5	0.2	—	28.7	28
	Miranshah	000 82	7 11 07	96 02 4	4947 87	7 2 6 6 4	- - - 83	000 72	0 11 02	98 02 4	942 76	0 0 0 0 0	- - - 72	—	—	3.6	0.8	10.5	13
	Bannu	000 53	7 06 02	99 01 2	033 93	7 3 8 9 0	- - - 96	000 62	0 34 02	98 05 0	035 80	0 0 0 0 0	- - - 70	—	—	0.9	—	5.8	13
	D. I. Khan	000 60	9 05 05	96 07 8	009 94	0 0 0 0 0	- - - 94	000 69	0 05 02	96 00 0	056 82	0 0 0 0 0	- - - 80	- 7	+ 2	1.1	4.0	2.8	9
	Wana																		11
	Landikotal	000 86	6 07 02	98 02 9	952 80	6 3 5 0 0	- - - 82	000 59	0 00 00	99 00 8	950 76	0 0 0 0 0	- - - 61	-	—	2.4	—	12 0	—
	Hangu	××× ××	0 00 00	97 00 8	— —	0 0 0 0 0	1 × × —	××× ××	0 00 00	97 00 0	—— —	0 0 0 0 0	- - - —	—	—	—	—	—	—
	Thall	××× ××	5 36 13	93 03 1	— —	2 8 6 2 1	- - - —	××× ××	0 ×× ××	99 00 0	—— —	0 0 0 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 27	2 26 02	97 01 1	029 91	0 0 0 4 0	- - - 93	000 54	9 00 00	92 06 4	977 76	0 0 0 0 0	- - - 71	- 1	+ 3	4.1	0.7	10 0	11
	Hindubagh	000 82	0 27 09	97 00 0	032 82	0 0 0 0 0	- - - 85	000 45	0 27 02	97 00 0	966 66	0 0 0 0 0	- - - 51	—	—	0.2	—	3.5	—
	Loralai	008 77	0 00 00	96 00 0	007 89	0 0 0 0 0	- - - 91	000 58	0 27 05	96 00 0	964 68	0 0 0 0 0	- - - 61	—	—	1.7	—	0.1	—
	Barnai (a)	000 ××	0 00 05	95 01 0	- —	0 0 0 0 5	3 9 × —	000 ××	0 27 05	96 00 0	—- —	0 0 0 0 0	- - - —	—	—	2.0	- 4.9	10.6	14
	Bibi	000 61	9 28 05	98 00 0	988 02	0 0 0 0 0	- - - 04	000 67	0 00 00	98 00 0	041 85	0 0 0 0 0	- - - 79	—	—	2.3	—	3.8	5
	Quetta †	000 34	0 29 05	99 00 0	949 88	0 0 0 0 0	- - - 85	000 39	0 00 00	99 00 0	959 64	0 0 0 0 0	- - - 45	—	—	0.8	- 9.2	9.8	9
	Chaman	000 26	0 27 08	97 00 0	031 88	0 0 0 0 0	- - - 88	000 31	0 11 02	97 00 0	982 75	0 0 0 0 0	- - - 68	- 5	- 3	0	0.1	0.6	5
	Nushki	000 42	0 27 05	97 00 0	013 97	0 0 0 0 0	- - - 93	000 39	0 09 07	96 00 0	991 81	0 0 0 0 0	- - - 72	—	—	0	—	5.4	—
	Dalbandin *	000 32	0 29 03	94 05 0	993 99	0 0 0 0 0	- - - 01	000 42	0 00 00	95 05 0	959 75	0 0 0 0 0	- - - 64	0	+ 1	0	0.3	1.6	4
	Nokkundi	000 78	0 34 03	99 00 0	980 01	0 0 0 0 0	- - - 03	000 44	5 00 00	96 03 0	048 82	0 0 0 0 0	0 0 × 77	—	—	0	—	0.9	2
	Kalat †	000 46	0 36 09	98 00 0	969 78	0 0 0 0 0	- - - 80	000 38	0 18 05	98 00 0	973 58	0 0 0 0 0	- - - —	- 5	—	0.8	0.4	9.7	7
	Turbat	000 65	0 20 05	97 00 0	021 03	0 0 0 0 0	- - - 05	000 77	× 20 02	96 03 1	048 80	0 0 1 2 0	7 0 × 78	—	—	0	—	1.4	—
	Panjgur *																		5
	Las Bela																		2
	Ormara	000 74	0 25 13	97 00 0	030 84	0 0 0 0 0	- - - 86	000 73	7 25 05	96 02 1	044 89	7 5 0 0 0	- - - 78	- -	—	0.2	- 0.5	3.1	6
	Pasni	000 72	0 23 09	98 00 1	034 84	0 0 0 0 0	- - - 87	000 74	8 00 00	98 03 2	966 78	6 4 5 0 0	4 × × 73	- 3	+ 1	0.8	- 0.1	4.9	6
	Jiwani																		4
SIND	Rati	000 64	0 23 09	96 00 0	014 03	0 0 0 0 0	- - - 03	000 77	0 23 07	96 00 0	052 81	0 0 0 0 0	- - - 77	—	—	1.7	—	2.3	
	Jacobabad	000 64	0 18 09	97 00 0	003 00	0 0 0 0 0	- - - 00	000 73	0 18 07	98 00 0	032 82	0 0 0 0 0	- - - 80	- 3	+ 1	0.3	1.9	0.7	4
	Sukkur	000 78	0 ×× ××	98 00 0	001 99	0 0 0 0 0	- - - 01	000 76	0 ×× ××	98 00 0	048 80	0 0 0 0 0	- - - 77	—	—	0.5	—	1.0	4
	Padidan	000 68	0 18 05	98 00 0	002 01	0 0 0 0 0	- - - 02	000 73	0 13 05	98 00 0	048 80	0 0 0 0 0	- - - 75	—	—	0.3	—	0.9	
	Karachi (Mauripur)	000 77	5 25 05	98 01 1	034 84	3 1 5 0 0	- - - 86	000 74	2 00 00	96 01 1	061 80	2 1 5 0 0	- - - 78	+ 1	0	1.5	- 4.1	1 6	3
	Karachi (A. P.)	000 76	2 28 12	97 02 1	035 85	2 6 4 9 0	- - - 89	000 74	3 27 09	96 03 1	064 79	3 6 4 0 0	- - - 77	—	—	3.9	—	3.0	
	Badin	000 94	4 28 05	97 00 0	027 94	3 5 7 0 4	- - - 96	000 79	0 27 07	97 00 0	056 80	0 0 0 0 0	- - - 75	+ 2	- 3	7.0	+ 0.2	7.0	9
	Nagarparkar																		
	Chhor (Umerkot)	000 77	0 25 07	97 00 0	017 97	0 0 0 0 0	- - - 98	000 75	0 28 05	97 00 0	057 82	0 0 0 0 0	- - - 74	—	—	2.1	—	2.1	
	Hyderabad	000 78	0 28 10	97 00 0	017 96	0 0 0 0-0	- - - 01	000 74	0 23 05	97 00 0	048 80	0 0 0 0 0	- - - 76	+ 4	- 1	1.8	- 2.8	2.8	7
	Veraval																		29
Arabian Sea																			
Afghanistan	Kabul							000 48	0 20 07	98 00 0	995 84	0 0 0 0 0	- - - 54			0.7	—	10.5	13
	Jalalabad							000 65	0 00 00	97 00 0	994 74	0 0 0 0 0	8 × × 57		—	0.5	—	6.9	—
	Kandahar							000 47	0 00 00	97 00 0	826 64	0 0 0 0 0	- - - 46		—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 8TH SEPTEMBER, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_nT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_nT_n$	Departures from Normal T_x	T_x	Rainfall: T_n T_n	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	21
Iran	Charba:	-	-	-										-	-		-	-	-	-
	Jask	-	-	-										-	-		-	-	-	6
	Manned	...	-	-										-	-		-	-	-	10
	Bushire		...	-										-	-					11
Arabia	Muscat	000 80	0 13 02	97 00 0	025 87	0 0 9 0 0	- - - 91	000 81	0 09 02	96 00 0	046 86	0 0 9 8 0	- - - 81	+ 1	- 2		0	- 0.1	2.3	4
	Sharjah	...	0 09 02	97 00 0	024 02	0 9 9 0 0	- - - 03	000 xx	0 20 02	97 01 2	004 88	0 0 9 7 0	- - - 89	...	...		0	...	1.5	4
	Kuwait	000 xx																		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	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Como	63 146	552 00	5 21 09	98 93 1	061 77	4x x 09	2 6 810	...	0 01 75	
Port Muscquarie	63 107	518 06	0 24 24	99 02 0	078 79	00 9 09	8 6 910	...	0 07 76	1 24 x4
Corfu	63 156	557 15	2 21 13	99 01 1	069 83	12 6 01	2 6 800	...	0 06 75	
Corfu	63 160	565 18	3 23 18	98 14 1	084 79	33 6 00	2 6 107	...	0 03 76	1 23 xx
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc:	5555	h1h1P1P2P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi ...	788 15	001 27	241 60	009 99	999 99	854 85	280 31	700 35	135 53

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc:	5555	h1h1P1P2P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi ...	509 27	559 91	301 29	769 81	555 55	999 00	999 99	568 29	280 81

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc:	5555	h1h1P1P2P1	T1T1Td1Td1Tx1 etc.
1	2	3	4	5	6	7	8	9	10
Karachi ...	668 00	230 89	456 00	019 94	494 00	649 97	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. ††							
	3	9	6	5	6	7	8	9	12	11	13	15	14	15	16	17	13	19	22	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 ...	13 12	12 14	14 15								16 08	18 09	18 08	16 09			15 05	12 09	13 10	11 09	10 05			
Dhaka ...	21 09	21 13	20 15	19 15	16 29	01 04	02 14	26 06									23 19	22 20	20 19	19 17	17 29	00 06	02 12	01 30
Chittagong ...	19 20										17 18	17 17	17 16	20 11	21 10		14 07	15 06	15 11	20 02	02 01	01 06	07 11	04 19
Cox's Bazar ...	18 17	18 18	18 17	19 15							16 07	18 07	18 06	16 07			18 02	19 02	24 03	20 02	20 03	04 07		
Dacca ...	15 14	15 16	15 15														15 05			07 03	06 03	25 08	20 17	22 05	25 27
Daibandir ...			25 04	28 07	29 11	28 19							98 08	02 07	08 05							04 04	20 14	20 10	28 02
Drost ...	17 02	14 08	20 06	29 04										15 21	04 04	26 09						09 06	25 09	
Port Sandeman ...				05 02	24 09	31 04	18 12							05 12	06 28	23 04								
Face babac ...	05 01	03 02	03 02	26 02	25 04	23 12	23 13	28 13	29 15		15 19	17 07	21 05	05 05	24 09		20 05	09 01	22 03	03 03	16 02	23 06	22 10	21 06
Ibeluz ...	32 27	02 04	35 05	20 05	21 09	29 09	24 05	21 26			32 06	33 10	32 11	24 08	25 08	25 08	24 05	12 07	12 03	04 07	30 07	20 19	23 03	
Jiwani ...																								
Karachi ...	25 17	27 18	27 13								20 12	25 18	24 10				26 14	25 15	21 18	01 08	04 07	26 18		21 11
Khanpur ...	23 08	22 12	22 13	20 13	19 15	18 07	26 06	22 17			21 08	20 18	19 16	18 15	16 18	21 04	25 15	22 12	21 15	21 15	20 07	19 01	04 09	
Lahore ...	23 07	23 04	21 03	20 09	21 13	32 15	05 04	18 12	25 21		09 06	26 09	25 11	20 15	22 15	22 17	25 05	23 04	22 06	24 12	23 11	24 03	25 14	
Multan ...	23 00	25 07	26 07	24 10	24 17	21 18	19 07	25 15	25 20		26 15	24 18	23 20	21 11	22 15	22 08	27 06	29 05	28 10	27 12	23 06	29 08	08 08	20 18
Peshawar ...		16 08	11 08	08 08	02 07	28 20	22 23					23 04	24 04	21 08	23 15	01 08	28 01	26 05	21 13	22 12	01 10	22 04	22 19	
Quetta ...					29 06	28 10	30 21	21 16	28 28						20 12	20 22					23 05	21 09		
Bushire ...																								
Shariar ...																								

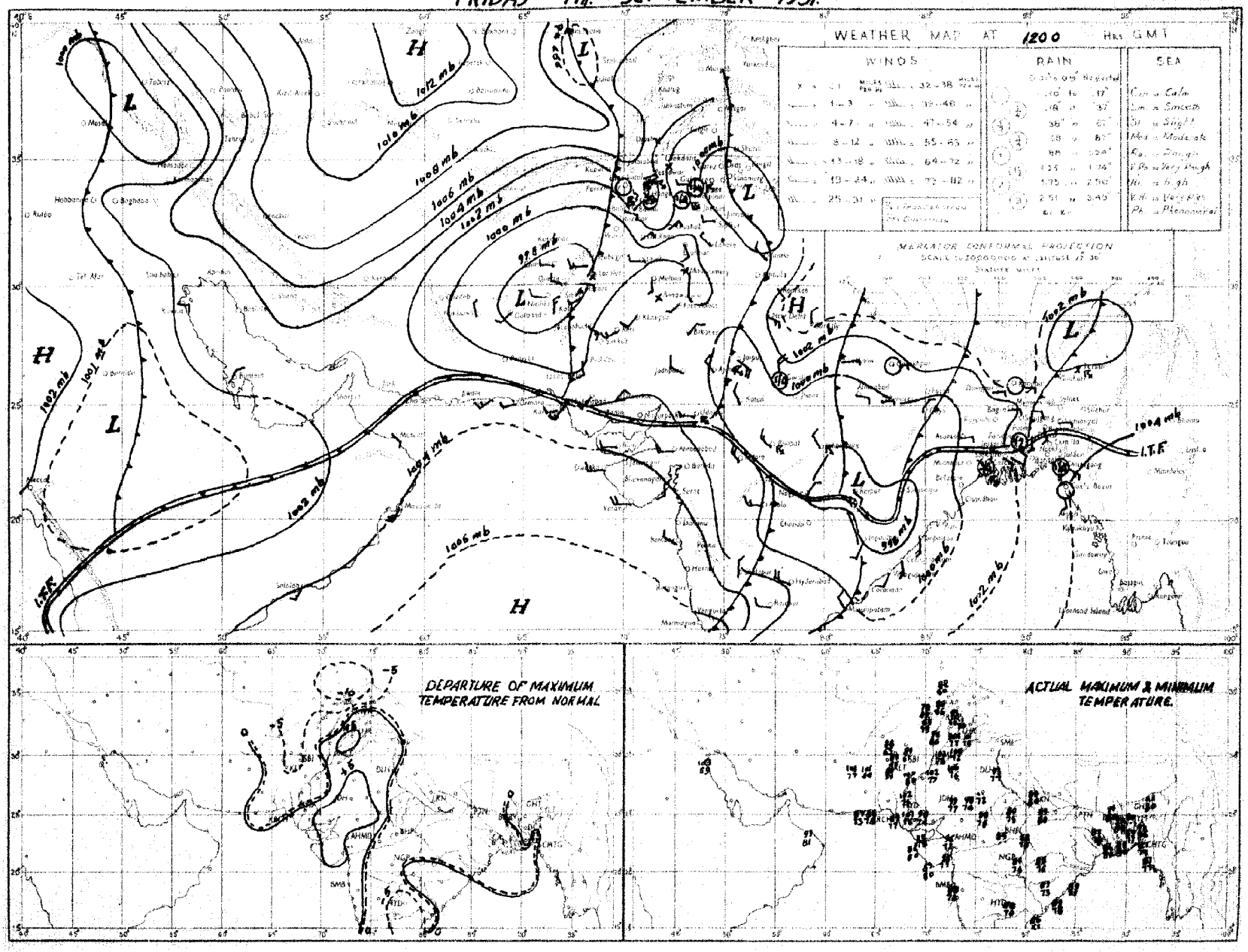
Cloud Observation Data (iiiGG Cddv, v,)

* 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, 2.5 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

N. P. W.

PAKISTAN DAILY WEATHER MAP

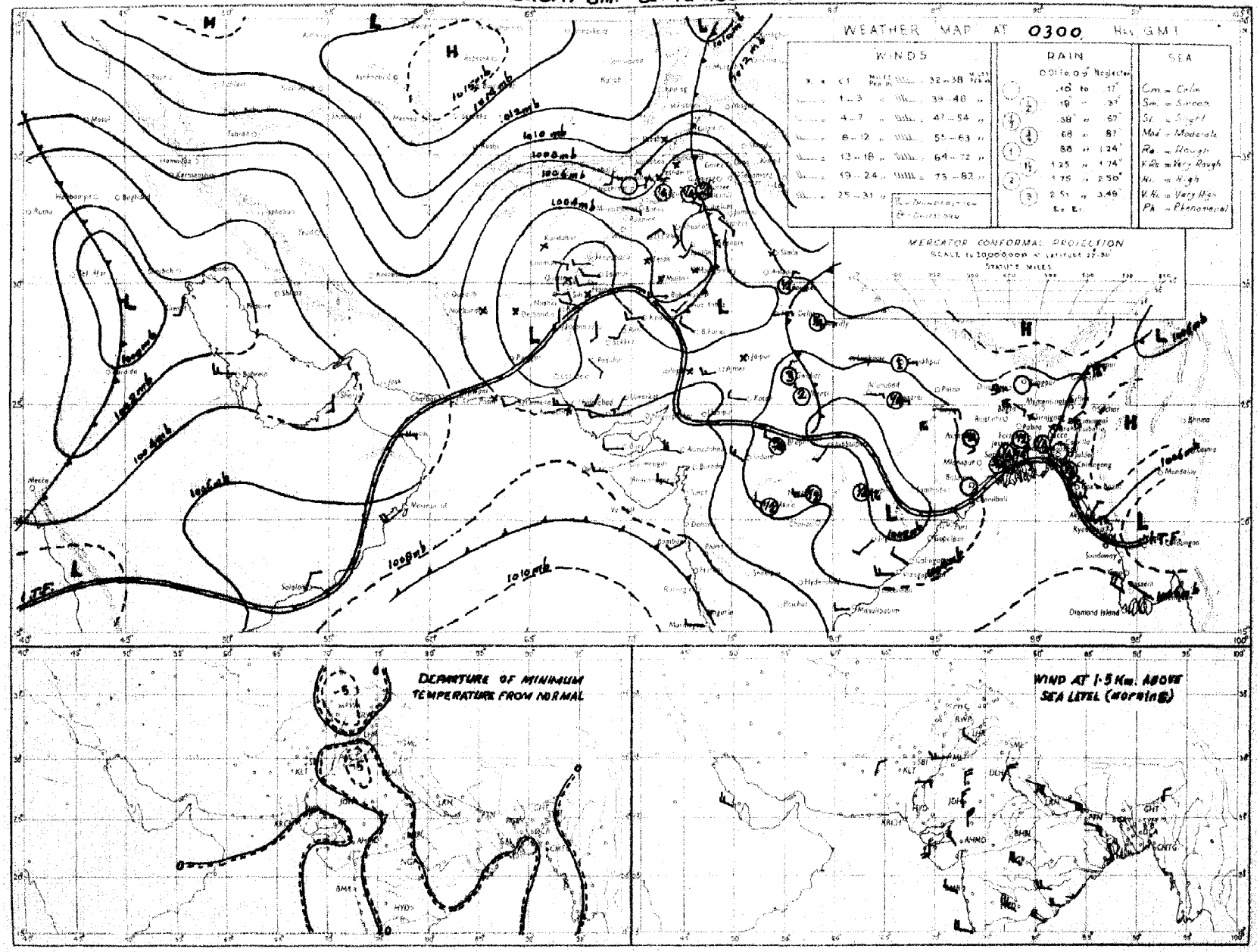
FRIDAY 7th. SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 8th: SEPTEMBER 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 SUNDAY, THE 9TH SEPTEMBER, 1951

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

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

A low pressure wave lies over Central Burma bordering East Pakistan and is moving westwards.
Yesterday's low over Iraq now extends from south Iraq to Central Arabia.
The trough of low extends from Chota-nagpur to adjoining Central India.

A low pressure wave is approaching the upper North-West Frontier Province.

Scattered rain/thunderstorms have occurred in the Eastern and Deltaic sub-divisions of East Pakistan. Isolated duststorms has also been reported from north-east Baluchistan.

Chief amounts of rainfall are :—Cox's Bazar 8", and Faridpur ½".

Day temperatures were appreciably to markedly above normal in the Punjab and East Pakistan.

Forecast valid until the evening of 10th :—Fairly widespread and locally heavy rain/thundershowers will occur in East Pakistan. Scattered thunderstorms/showers will also occur in the upper North-West Frontier Province, Kashmir and the adjoining north Punjab. Dust raising winds are also likely in north Baluchistan.

Karachi-11.
The 9th September, 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	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_xT_x$	$RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_tD_sD_MT_nT_n$	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 78	6 00 00	96 01 1	010 87	1 2 6 2 3	- - - 90	843 79	8 00 00	94 81 9	006 79	4 5 4 2 0	- - - 76	+ 4	0	86.1	- 14.8	95.7	140
	Chittagong	000 79	7 xx xx	97 02 1	011 87	4 5 6 9 9	- - - 89	009 81	6 36 09	97 02 6	997 85	4 6 6 7 0	- - - 81	+ 2	+ 5	77.9	+ 7.9	107.8	108
	Comilla	000 79	4 00 00	98 03 1	017 90	4 2 7 0 0	- - - 90	000 81	7 36 05	98 03 1	012 84	7 4 7 0 0	- - 82	+ 2	+ 5	85.8	+23.9	92.4	115
	Brahmanbaria	000 80	0 00 00	97 00 1	008 88	0 0 9 0 0	- - - 91	000 78	7 36 02	97 03 1	018 85	7 0 7 2 0	0 x 0 80	—		45.7	+ 3.7	55.6	94
	Dacca	xxx 80	5 00 00	97 01 1	008 86	0 0 9 0 1	- - - 91	009 82	6 31 02	97 03 1	011 87	2 5 5 2 -	- - - 90	—	—	—	—	—	78
	Narayanganj	000 76	2 00 02	95 01 1	006 89	0 0 9 0 1	- - - 92	000 81	9 31 02	95 03 2	010 87	1 5 5 2 -	- - - 82	+ 3	+ 3	51.8	+ 9.7	71.7	74
	Mymensingh	000 82	0 00 00	99 00 2	013 88	0 0 9 0 0	- - - 92	000 79	8 00 00	99 02 2	025 84	8 4 7 - -	- - - 80	+ 4	+ 2	35.2	- 17.9	43.3	91
	Srimangal	000 80	5 00 00	97 01 1	011 90	2 2 6 0 1	- - - 93	000 88	7 36 02	97 02 1	017 84	4 8 5 0 3	- - - 77	+ 2	+ 2	54.2	+ 2.8	81.3	98
	Khulna	000 76	8 11 02	97 03 0	012 88	x 3 7 0 2	- - - 91	000 88	6 31 09	97 03 1	025 84	0 0 5 0 1	- - - 81	+ 3	+ 3	37.2	- 6.2	45.7	69
	Satkhira	000 80	5 00 00	97 02 1	004 88	6 4 6 6 0	- - - 91	000 79	6 00 00	97 02 1	016 86	4 4 6 6 0	- - - 80	+ 2	+ 2	23.8	- 16.4	32.4	65
	Jessore	000 80	4 00 00	96 00 2	003 90	4 6 9 0 0	- - - 95	000 87	7 36 03	96 02 2	023 85	0 0 9 5 0	0 x 0 79	—	—	16.8	- 11.4	33.9	65
	Faridpur	058 81	8 13 02	96 01 1	006 87	1 4 6 0 8	- - - 87	046 81	8 07 02	97 02 6	026 86	2 5 6 1 0	- - - 81	- 1	+ 2	39.3	- 1.7	44.7	71
	Barisal																		81
	Pabna																		60
	Rampur Boalia																		56
	Sirajganj	000 81	2 00 00	99 01 1	993 85	1 1 7 - -	- - - 90	000 80	6 00 00	99 02 2	018 87	6 2 8 - -	- - - 81	+ 2	+ 2	42.8	+ 4.2	52.8	84
	Bogra	000 79	3 09 02	98 01 1	009 86	1 1 8 0 1	- - 91	000 78	3 36 02	98 01 1	025 86	0 0 9 0 2	- - - 80	+ 2	+ 2	31.5	- 10.9	38.4	66
	Dinajpur	000 81	0 00 00	97 00 0	018 86	0 0 9 0 0	5 0 0 91	060 79	0 00 00	97 00 0	043 89	0 0 9 0 0	- - - 79	+ 2	+ 1	56.7	+10.3	41.0	72
	Rangpur	010 xx	3 09 02	98 00 0	—	3 1 8 0 0	- - —	000 xx	2 00 00	98 02 1	— —	2 1 8 0 0	- - - —	—	—	59.1	+ 6.6	68.4	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 79	0 00 00	96 00 0	991 00	0 0 9 0 0	- - - 03	000 77	0 18 02	96 00 0	017 83	0 0 9 0 0	- - - 79	+ 6	+ 2	5.9	2.6	10.2	18
	Lahore	000 67	0 00 00	97 00 0	994 01	0 0 9 0 0	- - - 03	000 71	0 16 05	96 00 0	032 85	0 0 9 0 0	- - - 78	+ 6	+ 3	10.6	2.3	14.7	19
	Sialkot	000 64	1 00 00	97 03 0	992 99	1 2 6 0 0	- - - 00	000 71	0 00 00	97 00 0	022 82	0 0 9 0 0	- - - 79	+ 5	+ 3	13.8	7.6	18.7	32
	Jhelum	000 67	0 22 02	97 00 1	991 97	0 0 9 0 0	- - 98	000 73	0 00 00	96 00 0	037 86	0 0 9 0 0	- - - 75	—	—	16.4	—	25.8	—
	Rawalpindi	020 59	0 00 00	99 00 0	960 93	0 0 9 0 0	- - - 97	000 59	0 00 00	99 00 0	034 83	0 0 9 0 0	- - - 67	+ 3	- 4	14.6	6.6	25.4	36
	Murree †	020 50	0 27 02	98 00 0	944 72	0 0 9 0 0	- - - 75	000 43	0 00 00	98 00 0	954 64	0 0 9 0 0	- - - 57	+ 5	+ 2	21.0	11.8	48.6	59
	Attock	xxx xx	0 13 02	98 00 0	—	0 0 9 0 0	- - - —	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - —	—	—		—		—
	Khushab	000 64	0 16 05	98 00 0	993 02	0 0 9 0 0	- - - 03	000 72	0 07 05	98 00 0	024 95	0 0 9 0 0	- - - 73	+ 3	- 1	3.1	0.4	8.0	15
	Montgomery	000 67	0 00 00	96 00 0	991 00	0 0 9 0 0	- - - 04	000 70	0 18 03	96 00 0	024 85	0 0 9 0 0	- - - 78	+ 3	- 1	2.5	3.9	6.1	10
	Leiah	000 80	0 27 02	97 00 0	997 02	0 0 9 0 0	- - 06	000 80	0 00 00	97 00 0	017 85	0 0 9 0 0	- - - 76	—	—	0.0		6.6	8
	Multan	000 65	0 23 02	97 00 0	000 01	0 0 9 0 0	- - - 04	000 61	0 18 02	97 00 0	017 84	0 0 9 0 0	- - - 79	+ 5	- 1	3.8	0.8	6.8	7
	Khanpur	000 76	0 23 00	95 05 0	006 00	0 0 9 0 0	- - - 01	000 75	0 23 10	95 05 0	021 82	0 0 9 0 0	- - - 77	2	1	0.8	4.4	1.9	6
	Bahawalpur	000 65	0 27 02	97 00 0	002 01	0 0 9 0 0	- - 02	000 68	0 18 02	97 00 0	018 82	0 0 9 0 0	- - - 76	+ 1	- 1	1.9	2.8	6.0	6
	Fort Abbas	000 94	0 23 08	96 00 0	010 04	0 0 9 0 0	0 x x 06	000 70	0 23 03	96 00 0	023 85	0 0 9 0 0	0 x x 78	—	—	2.8		3.7	8
N. W. F. P.	Drosh *	000 29	1 25 02	99 01 1	896 90	1 1 7 0 0	6 - - 93	000 46	0 00 00	99 00 0	959 69	0 0 9 0 0	- - - 66	+ 3	- 1	1.7	—	31.9	18
	Chakdara	000 61	0 13 02	99 00 0	894 93	0 9 9 0 0	- - - 95	000 50	0 02 02	98 00 0	044 75	0 0 9 0 0	- - - 65	—	—	6.5	—	18.8	—
	Cherat *	000 54	0 05 04	98 00 9	942 80	0 0 9 0 0	- - - 86	000 64	0 26 04	97 00 0	953 73	0 0 9 0 0	- - - 71	+ 1	+ 4	5.8	- 5.2	27.9	30
	Peshawar	000 68	1 05 02	97 01 1	997 94	1 1 7 0 0	- - - 96	000 64	0 36 02	97 00 0	041 76	0 0 9 0 0	- - - 70	0	- 4	1.3	- 2.6	8.6	14
	Parachinar	000 46	2 13 02	99 01 1	949 80	0 0 9 3 0	5 - 7 82	000 51	0 00 00	99 00 1	949 66	0 0 9 0 0	8 x x 58	1	2	9.2	—	26.7	29
	Miranshah	000 92	0 07 05	98 00 4	919 93	0 0 9 0 0	- - - 95	000 75	0 00 00	98 00 4	937 77	0 0 9 0 0	- - - 74	—	—	3.6	0.4	10.5	13
	Bannu	000 69	0 18 02	9 00 0	983 97	0 0 9 0 0	- - - 99	000 63	0 00 00	96 00 0	032 83	0 0 9 0 0	- - - 75	—	—	0.9		5.5	11
	D. I. Khan	000 59	0 00 00	96 00 0	993 00	0 0 9 0 0	- - - 01	000 69	0 06 02	96 00 0	026 81	0 0 9 0 0	- - - 78	0	- 2	1.1	4.0	2.8	9
	Wana																		11
	Landikotal	000 72	0 18 03	99 00 0	911 80	0 0 9 0 0	- - - 93	000 64	0 00 00	99 00 0	920 79	0 0 9 0 0	- - - 69		—	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	1 18 09	99 01 1	— -	1 8 6 0 0	- - - —	xxx xx	0 36 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 25	0 00 06	96 05 3	928 92	0 0 9 0 0	- - - 97	000 49	0 00 00	97 05 0	944 70	0 0 9 0 0	- - - 65	+ 3	- 3	4.1	- 0.7	10.0	11
	Hindubagh	000 41	0 23 13	98 00 0	931 86	0 0 9 0 0	- - - 90	000 40	0 18 02	98 00 0	948 68	0 0 9 0 0	- - - 54	—	—	0.2	—	8.5	—
	Loralai	000 57	0 00 00	96 00 0	012 86	0 0 9 0 0	- - - 89	000 49	0 27 05	96 00 0	945 69	0 0 9 0 0	- - - 67	—	—	1.7		8.1	—
	Harnai (a)	000 xx	0 09 05	96 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 27 02	96 00 0	— —	0 0 9 0 0	- - - —	—	—	2.0	- 5.0	10.6	14
	Sibi	000 49	0 23 05	98 00 0	992 05	0 0 9 0 0	- - - 05	000 67	0 00 00	98 00 0	928 84	0 0 9 0 0	- - - 79	—	—	2.2	—	3.8	5
	Quetta †	000 17	0 31 09	98 00 0	948 85	0 0 9 0 0	- - - 85	000 28	0 11 03	98 00 0	947 65	0 0 9 0 0	- - - 49	—	—	0.8	- 0.2	9.3	9
	Chaman	000 47	0 27 03	97 00 0	930 90	0 0 9 0 0	- - - 92	000 42	0 23 03	97 00 0	957 71	0 0 9 0 0	- - - 63	- 1	- 3	0	0.1	9.6	8
	Nushki	000 48	0 31 10	97 00 0	031 97	0 0 9 0 0	- - - 99	000 44	0 09 05	96 00 0	012 79	0 0 9 0 0	- - - 71			0	—	5.4	
	Dalbandin *	000 61	0 02 09	94 07 0	982 02	0 0 9 0 0	- - - 02	000 44	0 00 00	96 00 0	956 73	0 0 9 0 0	- - - 64	+ 1	+ 1	0	- 0.3	1.8	4
	Nokkundi	000 55	0 34 09	99 00 1	907 00	0 0 9 0 0	9 x x 04	000 43	0 34 13	99 00 0	050 85	0 0 9 0 0	- - - 76	—	—	0	—	0.9	2
	Kalat †	000 47	0 30 09	98 00 0	960 79	0 0 9 0 0	- - - 83	000 36	0 18 02	98 00 0	966 56	0 0 9 0 0	- - - 49	- 2	- 3	0.8	0.4	0.7	7
	Turbat	000 46	2 20 07	97 01 3	036 02	0 0 9 0 1	9 0 x 05												—
	Panjgur *	000 35	0 31 02	97 00 0	034 96	0 0 9 0 0	- - - 97	000 73	x 31 03	97 00 0	965 81	0 0 9 0 0	- - - 70	+ 1	+ 2	0	—	3.2	5
	Las Bela																		8
	Ormara	000 75	0 25 09	97 00 0	029 84	0 0 9 0 0	- - - 87	000 75	6 25 09	98 01 1	063 79	6 5 6 0 0	- - - 78	—	—	0.3	- 0.6	3.1	6
	Pasni	000 71	1 23 09	97 01 1	033 84	0 0 9 4 0	4 x x 87	000 73	7 28 03	98 02 1	060 79	7 4 5 0 0	0 x x 73	- 3	+ 1	0.8	0.1	4.9	6
	Jiwani																		4
SIND	Reti	000 88	0 22 03	96 00 0	002 05	0 0 9 0 0	- - - 06	000 75	0 23 03	96 00 0	035 78	0 0 9 0 0	- - - 77	—	—	1.7	—	2.3	—
	Jacobabad	000 71	0 18 05	97 00 0	005 00	0 0 9 0 0	- - - 01	000 73	0 18 03	96 00 0	030 81	0 0 9 0 0	- - - 80	- 2	+ 1	0.2	- 1.9	0.7	4
	Sukkur	000 77	0 xx xx	96 00 0	002 04	0 0 9 0 0	- - - 04	000 73	0 xx xx	96 00 0	026 79	0 0 9 0 0	- - - 77	—	—	0.5	—	1.0	4
	Pad Idan	000 68	0 18 05	98 00 0	005 02	0 0 9 0 0	- - - 08	000 73	0 13 05	98 00 0	024 79	0 0 9 0 0	- - - 75	—	—	0.8	—	0.9	—
	Karachi (Manora)	000 75	7 25 09	98 02 2	038 35	7 5 6 0 0	- - - 88	000 74	7 27 13	98 02 2	062 81	7 6 4 0 0	- - - 79	+ 1	+ 1	1.5	- 4.2	1.8	3
	Karachi (A. P.)	000 76	1 23 09	97 01 1	037 88	1 5 5 0 0	- - - 89	000 74	7 27 10	96 03 1	061 80	7 6 4 0 0	- - - 78	—	—	2.0		3.0	—
	Badin	000 71	1 31 07	97 01 0	026 93	0 0 9 0 0	- - - 97	000 72	1 18 07	97 01 0	060 81	0 0 9 0 0	- - - 76	+ 3	- 2	7.0	+ 0.1	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 77	0 25 09	97 00 0	011 97	0 0 9 0 0	- - - 01	000 75	0 20 07	97 00 0	043 82	0 0 9 0 0	- - - 72	—	—	2.1	—	3.1	—
	Hyderabad	000 75	0 23 09	97 00 0	024 95	0 0 9 0 0	- - - 99	000 73	0 23 10	97 00 0	041 80	0 0 9 0 0	- - - 76	+ 2	- 1	1.8	- 3.8	2.0	7
JUNAGADH	Veraval																		22
AFGHANISTAN	Kabul																		12
	Jalalabad	000 82	1 00 00	97 01 0	986 95	0 0 9 7 0	2 x 9 98	000 69	1 00 00	97 01 1	992 77	0 0 9 0 1	3 9 x 67	—	—	0.5	—	8.0	—
	Kandahar							000 51	0 00 00	97 00 0	919 59	0 0 9 0 0	- - - —	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 9TH SEPTEMBER, 1951.

Division	Station	At 1200 Hrs. G.M.T. of previous day. RRR $T_d T_d$	N dd	VV ww W	PPPTT	$E_t C_L h C_M C_H$	$W_1 D_H D_M T_x T_n$	At 0300 Hrs. G.M.T. of date. RRR $T_x T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h O_M O_H$	$W_1 D_H D_M T_n T_n$	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	Charbar	-	-	-	-			-	-	-	-			-	-	-	-	-	4
	Jask	-	-	-	-			-	-	-	-			-	-	-	-	-	5
	Mashed	-	-	-	-			-	-	-	-			-	-	-	-	-	10
	Bushire	-	...	-	-			-	-	-	-			-	-	-	-	-	11
Arabia	Muscat	800 81	0 18 05	97 06 0	052 86	0 0 9 0 0	- - - 29	800 79	1 00 00	96 09 0	058 85	0 0 9 8 8	- - - xx	- 1	—	0	- 0.1	8.8	4
	Sharjah	—	—	—	—			—	—	—	—			—	—	—	—	—	4
	Kuwait	800 xx	6 09 05	97 01 1	021 98	0 0 9 0 8	- - - 99	009 xx	1 26 05	97 01 1	051 91	0 0 9 8 0	- - - 86	—	—	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 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 h C_M C_H	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	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Corfu	78 168	821 00	3 23 01	93 02 1	070 78	82 5 09	2 6 810	—	0 00 75	1 25 x3
Shwedagon	78 180	727 06	3 28 09	98 02 1	094 82	x9 x 80	—	—	—	—
Corfu	78 167	822 06	3 23 13	98 02 1	098 84	82 5 60	2 6 105	—	0 06 75	1 25 x3
Shwedagon	78 182	718 12	6 27 09	98 01 1	060 xx	x3 x 09	—	—	—	—
Corfu	78 175	671 18	1 22 09	98 01 0	088 79	11 4 10	2 8 805	—	0 51 75	—
Shwedagon	78 197	709 18	1 28 12	98 01 0	084 81	x8 x 02	—	—	—	—
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										

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	1	2	3	4	5	6	7	8	9	1	1	2	3	4	5	1	1	2	3	4	5	6	7
	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 08	11 07	13 07	17 04	—	—	—	—	—	—	33 02	28 02	25 02	02 05	07 05	10 09	02 10	02 14	03 13	05 13	08 15	08 11	07 15	—
Chhor	23 10	23 15	21 12	16 12	15 10	08 06	32 40	33 37	—	—	—	—	—	—	—	—	24 25	23 20	22 21	22 19	20 12	05 07	01 21	25 12
Chittagong	27 03	29 03	01 04	03 07	05 07	05 12	—	—	—	—	33 33	33 30	34 31	—	—	—	26 25	26 29	02 30	05 26	—	—	—	—
Cox's Bazar	29 07	30 07	31 04	28 07	04 07	03 08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	12 03	15 03	15 03	15 08	17 04	10 04	05 07	04 10	—	—	29 05	30 05	32 06	05 06	06 05	—	04 15	05 13	03 11	07 21	07 31	07 24	—	—
Dalbandin	—	—	20 04	22 03	01 07	02 18	31 22	33 20	—	—	—	—	29 05	24 05	23 22	25 23	—	—	27 05	33 24	33 24	33 27	—	—
Drost	—	—	—	—	15 03	16 08	25 03	02 04	25 12	—	—	—	—	19 02	22 05	14 05	—	—	—	—	09 00	21 02	01 07	19 02
Fort Sandeman	—	—	—	20 06	15 05	21 07	25 07	—	—	—	—	—	—	—	—	—	—	—	—	23 02	27 04	27 06	14 05	—
Jacobabad	12 03	18 01	18 01	25 03	21 04	30 02	34 08	30 08	25 08	25 23	19 16	19 18	20 17	21 06	20 06	78 23	19 09	27 04	24 01	25 07	25 07	24 03	23 11	—
Sheikhupura	20 02	16 03	17 03	23 05	08 07	27 02	25 08	28 19	25 18	—	15 08	15 05	16 04	21 03	25 02	14 03	13 04	11 09	11 09	14 08	12 07	23 08	—	—
Siwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	23 18	26 08	23 06	02 02	01 04	02 17	03 09	17 05	25 11	18 04	26 12	—	—	—	—	—	26 26	26 18	26 18	26 18	—	—	—	—
Khanpur	24 10	26 09	23 10	23 10	22 09	25 01	26 04	27 05	24 16	25 25	25 12	25 17	23 19	23 15	23 03	—	24 23	25 25	25 25	26 26	26 26	26 26	26 26	—
Lahore	27 06	28 04	27 04	26 04	29 07	02 06	25 10	24 11	25 23	25 23	14 13	17 20	17 09	15 10	01 03	27 06	17 11	19 13	18 10	17 02	26 01	25 04	02 10	25 03
Multan	26 10	29 05	29 08	29 03	—	—	—	—	—	—	23 25	23 23	23 13	22 07	23 13	02 06	22 07	24 07	25 04	23 04	27 06	29 06	02 07	27 07
Peshawar	—	—	—	—	—	—	—	—	—	—	—	21 02	21 09	18 08	20 10	17 06	—	23 11	21 02	21 06	29 07	18 09	20 09	26 05
Quetta	—	—	—	—	25 05	30 12	31 16	27 10	27 19	23 19	—	—	—	—	21 14	20 13	—	—	—	—	22 09	23 04	20 18	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shariar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

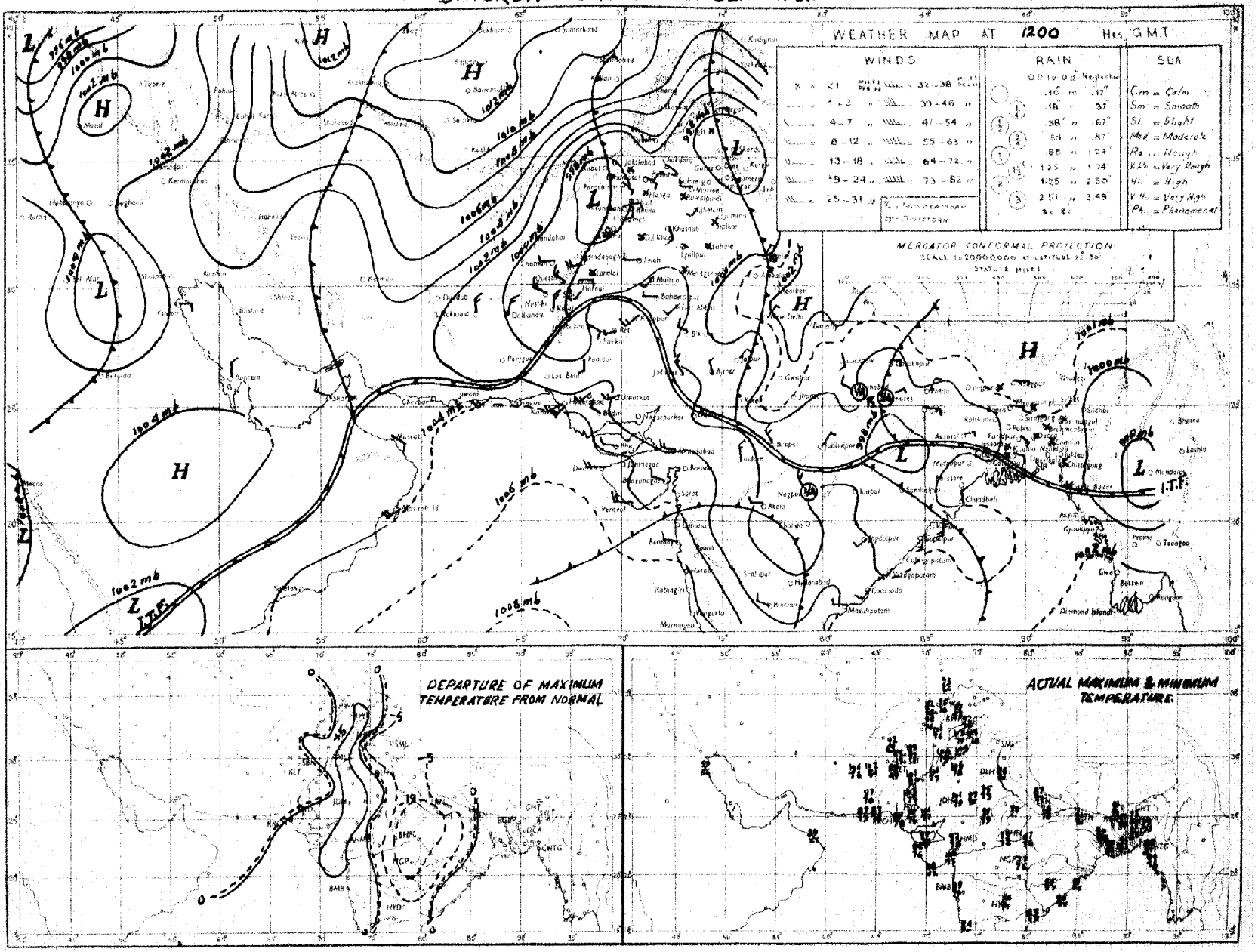
Cloud Observation Data (iiiGG Cddv, v,)

* 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, 1.2, 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

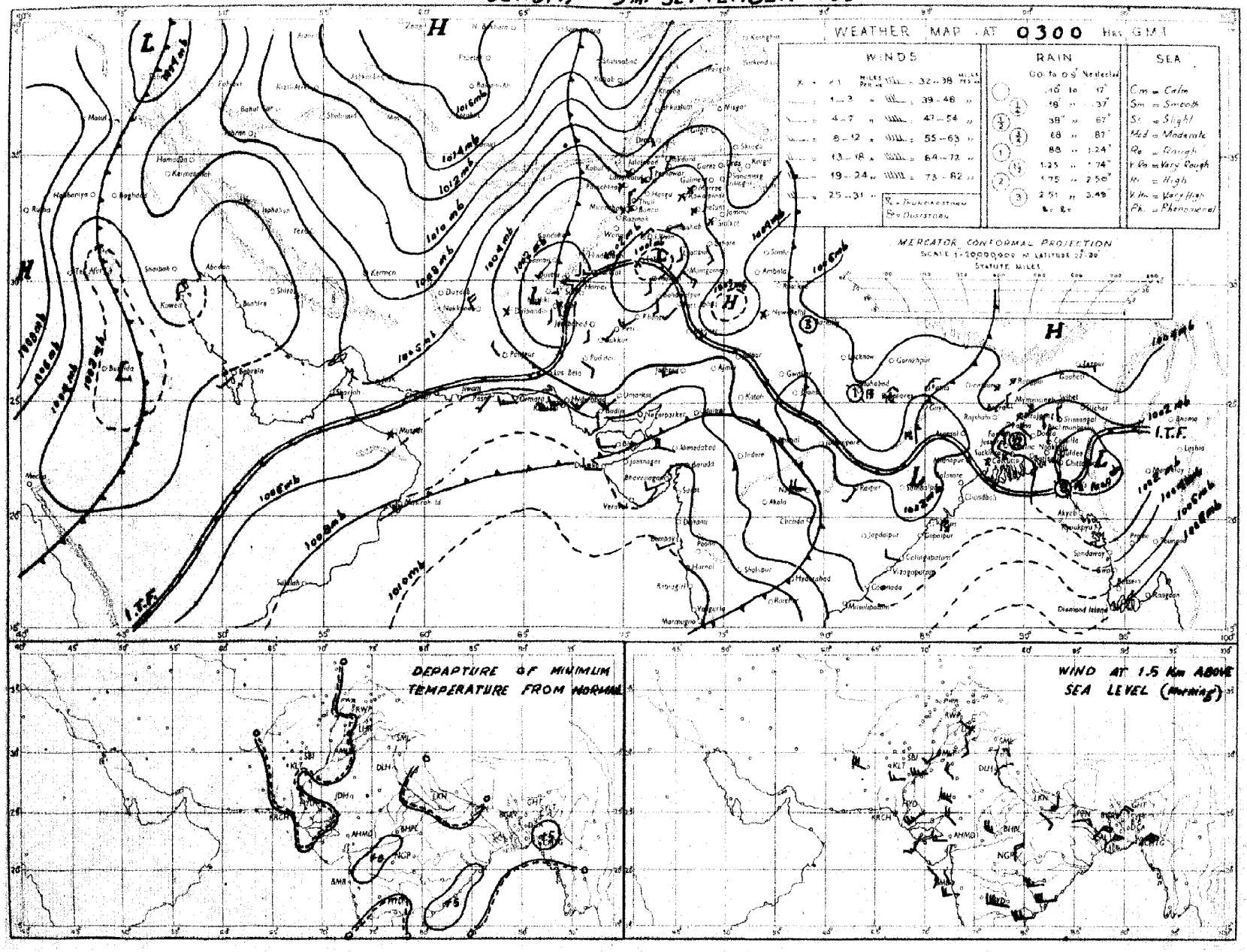
SATURDAY 8th. SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 9th. SEPTEMBER 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 10TH SEPTEMBER, 1951

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

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

The low pressure wave from central Burma moved west-wards across East Pakistan and now lies as a depression about 40 miles south of Asansol. It is likely to move westnorth-westwards.

Seasonal low extends from Baluchistan to the plains of Punjab.

A shallow low extends from southwest Iran to central Arabia.

Fairly widespread rain/thundershowers have occurred in East Pakistan. Scattered thunderstorms/showers have occurred in the upper North-West Frontier Province. Dustraising winds have also been reported from north Baluchistan.

Chief amounts of rainfall are :—Cox's Bazar and Jessore 3" each, Khulna, Satkhira and Faridpur 2" each, Chittagong, Narayanganj and Sirajganj 1½" each, Rangpur 1" and Comilla and Dinajpur ½" each.

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

Forecast valid until the evening of 11th :—Fairly widespread and locally moderate to heavy rain will occur in East Pakistan. Local thunderstorms/showers will occur in Kashmir, the extreme north Punjab and the North-West Frontier Province. Scattered duststorms will also occur in north Baluchistan.

Karachi-11.
The 10th September, 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$_L$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$_L$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	200 78	8 18 04	92 55 0	954 78	2 9 4 2 0	- - 64	840 77	6 18 07	96 03 6	058 81	2 5 5 2 0	- - - 75	- 2	- 1	89 5	- 11 4	99.1	140
	Chittagong	095 77	8 xx xx	96 02 6	954 77	4 9 5 2 0	- - - 93	156 73	7 xx xx	96 02 9	054 82	5 8 6 2 0	- - - 76	+ 6	0	79 6	+ 9.1	109 3	108
	Comilla	000 79	8 36 02	95 03 1	951 90	8 6 7 0 0	- - - 90	054 74	7 13 09	95 03 1	049 83	7 4 7 0 0	7 0 0 77	+ 2	0	86 3	+ 30 2	92 9	115
	Brahmanbaria	000 80	4 00 02	97 03 1	959 90	4 4 5 0 0	- - - 92	000 74	6 18 09	97 03 1	050 86	0 0 9 0 7	0 4 x 90	—	—	45.7	+ 3 5	55 6	94
	Dacca	xxx 81	8 05 02	97 03 1	959 89	6 1 5 6 7	- - - 92	xxx 78	8 13 09	96 03 9	038 82	5 5 4 2 -	- - 77	—	—	—	—	—	78
	Narayanganj	000 82	4 86 02	96 01 1	955 90	4 0 7 7 0	- - - 90	130 79	8 11 07	95 02 6	033 82	8 6 5 - -	- - - 78	+ 1	- 1	58 1	+ 10.6	72.0	74
	Mymensingh	000 81	8 00 00	99 02 2	973 88	8 4 7	- - - 93	000 78	8 09 06	99 02 2	036 84	8 4 7 - -	- - - 79	+ 5	+ 1	35 2	- 18 4	48 2	91
	Srimangal	000 75	7 05 06	97 02 1	974 86	5 5 6 0 2	- - - 58	000 76	7 00 00	97 02 6	054 85	3 8 7 3 2	- - - 76	+ 2	+ 3	54.2	+ 2.4	81.3	98
	Khulna	000 82	8 xx xx	97 02 2	961 88	8 4 6 4	- - - 60	205 78	8 13 10	96 03 2	015 78	8 7 6 - -	- - - 76	+ 3	- 2	39.2	- 4.2	47.8	68
	Satkhira	000 81	5 31 02	97 08 1	971 87	6 4 6 6 0	- - - 91	220 76	8 13 03	97 03 1	018 79	8 6 6 8 0	- - - 75	+ 2	- 3	26.1	- 14 8	34 7	65
	Jessore	000 81	7 00 00	96 02 8	972 88	7 3 6 0 0	- - - 92	287 76	8 12 09	96 03 6	018 78	8 7 6 0 0	9 x x 75	—	—	29 7	- 8.8	35.8	60
	Faridpur	000 83	8 34 05	96 02 1	964 88	5 4 6 1 0	- - - 28	203 78	8 13 13	96 50 6	024 80	7 4 6 1 0	- - - 77	0	- 2	41.3	0	46.7	71
	Barisal																		81
	Pabna																		59
	Rampur Boalia																		50
	Sirajganj	000 83	7 36 02	98 02 2	965 90	7 2 8 -	- - - 93	138 83	8 09 17	99 02 2	028 83	8 2 7 - -	- - - 79	+ 4	+ 1	44.2	+ 5.2	54.2	64
	Bogra	000 83	4 02 02	96 01 1	973 97	0 0 9 0 2	- - - 93	000 75	7 09 10	96 02 7	027 84	2 5 4 7 0	- - - 79	+ 4	+ 1	31.5	- 11.3	36.4	60
	Dinajpur	000 84	0 00 03	97 00 0	997 89	0 0 9 0 0	- - 95	482 78	6 09 02	97 02 2	043 82	0 0 9 2 0	- - - 77	+ 6	- 1	37.2	10.1	41.7	72
	Rangpur	000 xx	3 09 02	98 02 1	--- —	0 0 9 1 0	- - —	120 xx	8 09 09	96 02 6	— —	8 5 8 0 0	7 0 0 —	—	—	60.8	+ 7.3	69.5	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 78	0 00 00	96 00 0	982 00	0 0 9 0 0	- - - 03	000 76	0 00 00	96 00 0	018 82	0 0 9 0 0	- - - 79	+ 6	+ 2	5.9	2 7	10 2	13
	Lahore	000 67	1 23 03	98 02 1	994 98	1 1 7 0 0	6 x x 01	000 71	0 13 05	96 00 0	034 84	0 0 9 0 0	- - - 76	+ 4	+ 1	10.6	2.9	14.7	19
	Sialkot	000 72	6 00 00	97 03 1	992 98	2 5 6 4 1	- - - 00	000 72	1 13 02	97 02 0	032 85	1 2 6 0 0	- - - 79	+ 5	+ 3	13.8	- 7.8	18.7	32
	Jhelum	000 69	1 23 02	97 01 1	994 97	1 1 7 0 0	- - - 99	000 71	0 11 02	97 00 0	033 84	0 0 9 0 0	- - - 75	—	—	16.4	—	25 8	
	Rawalpindi	000 67	0 00 00	99 00 0	989 95	0 0 9 0 0	- - - 97	000 68	2 09 00	98 01 1	031 84	0 0 9 2 0	2 x x 76	+ 3	+ 5	14 6	6.8	25.4	36
	Murree †	000 49	0 27 03	98 00 0	941 72	0 0 9 0 0	- - - 74	000 56	3 27 05	98 01 1	052 64	3 1 4 0 0	2 x x 59	+ 4	+ 4	21.0	- 11 5	42 6	50
	Attock							xxx xx	0 13 05	98 00 0	— —	0 0 9 0 0	- - - —	—	—				
	Khushab	000 69	0 11 02	97 00 0	986 01	0 0 9 0 0	- - - 02	000 74	0 11 05	99 00 0	025 84	0 0 9 0 0	- - - 80	- 2	+ 1	3.1	4 4	8 0	15
	Montgomery	000 71	0 00 00	97 00 0	986 04	0 0 9 0 0	- - - 05	000 69	0 00 00	96 00 0	021 84	0 0 9 0 0	- - - 78	+ 4	- 1	2.5	- 4.0	6.1	10
	Leiah	000 83	0 09 02	97 00 0	980 07	0 0 9 0 0	- - - 03	000 74	0 00 00	97 00 0	014 87	0 0 9 0 0	- - - 78	—	—	0.9	—	6 5	8
	Multan	000 84	0 18 02	97 00 0	984 05	0 0 9 0 0	- - - 06	000 71	0 18 05	96 00 0	017 81	0 0 9 0 0	- - - 78	+ 7	- 2	3 8	- 0.8	4 9	7
	Khanpur	000 78	0 23 09	95 05 0	001 01	0 0 9 0 0	- - - 02	000 74	0 22 12	95 05 0	027 79	0 0 9 0 0	- - - 78	- 1	2	0.3	- 4.4	1.9	6
	Bahawalpur	000 85	0 22 02	97 00 0	986 01	0 0 9 0 0	- - 04	000 71	0 23 10	97 00 0	017 81	0 0 9 0 0	- - - 77	+ 3	0	1.9	- 2 3	5.0	6
	Fort Abbas	000 84	0 23 03	96 00 0	999 02	0 0 9 0 0	0 x x 09							-1					8
N. W. F. P.	Drosh *	000 36	6 25 05	98 02 5	916 82	1 1 7 3 0	6 x 9 91	000 44	0 00 00	99 00 2	977 70	0 0 9 0 9	0 x x 67	+ 1	0	1.7	—	21.9	18
	Chakdara	000 67	0 15 03	99 00 0	980 98	0 0 9 0 0	- - - 95	000 53	0 06 02	98 00 0	087 77	0 0 9 0 0	- - - 65	—	—	6.5	—	18.8	—
	Cherat *	000 59	0 05 02	97 00 0	925 85	0 0 9 0 0	- - - 89	000 61	0 16 04	97 00 0	946 71	0 0 9 0 0	- - - 69	+ 4	+ 2	5.8	- 5 3	27.9	28
	Peshawar	000 83	2 05 05	95 05 1	990 93	1 1 7 6 0	- - - 97	000 67	0 34 03	95 05 1	034 74	0 0 9 0 0	- - - 74	+ 1	0	1.3	- 2.6	8.6	14
	Parachinar	000 45	5 13 02	99 01 9	920 78	0 0 9 3 5	2 3 3 83	000 45	0 00 00	99 00 1	949 71	0 0 9 0 0	0 x x 61	0	+ 1	9 2	—	26.7	29
	Miranshah	000 92	8 13 02	98 02 4	911 93	4 2 6 6 5	- - - 95	000 78	0 00 00	98 02 0	935 76	0 0 9 0 0	- - - 72	—	—	3.6	0 6	10.5	13
	Bannu	000 53	0 09 02	99 00 0	981 99	0 0 9 0 0	- - - 00	000 64	0 00 00	99 00 0	036 64	0 0 9 0 0	- - - 76	—	—	0.9	—	5.8	11
	D. I. Khan	000 61	0 00 00	96 00 0	995 04	0 0 9 0 0	- - - 06	000 64	0 06 02	96 00 0	028 81	0 0 9 0 0	- - - 80	+ 4	+ 2	1.1	- 4.9	2.8	9
	Wana																		11
	Landikotal	000 71	3 09 02	98 02 1	998 88	0 0 9 7 0	- - - 92	000 67	0 00 00	97 05 6	936 80	0 0 9 0 0	- - - 76	—	—	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	1 18 09	99 01 1	— —	0 0 9 0 1	- - - —	xxx xx	0 09 00	99 00 6	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 xx	0 23 05	97 05 0	866 81	0 0 9 0 0	- - - 94	000 20	0 00 00	97 05 0	943 78	0 0 9 0 0	- - - 67	0	- 1	4.1	- 0.7	10 0	11
	Hindubagh	000 12	0 18 09	98 00 0	923 84	0 0 9 0 0	- - - 87	000 27	0 23 05	98 00 0	947 73	0 0 9 0 0	- - - 59	—	—	0.2	—	8.5	—
	Loralai	000 67	0 00 00	98 00 0	908 88	0 0 9 0 0	- - - 89	000 60	0 23 08	97 00 0	955 71	0 0 9 0 0	- - - 62	—	—	1.7	—	8.1	—
	Harnai (a)	000 xx	0 09 02	97 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 25 02	95 00 0	— —	0 0 9 0 0	- - - —	—	—	2.0	- 5.0	10.6	14
	Sibi	000 40	0 36 05	98 00 0	075 07	0 0 9 0 0	- - - 08	000 63	0 00 00	98 00 0	025 84	0 0 9 0 0	- - - 77	—	—	2.2	—	2.8	5
	Quetta †	000 24	0 34 05	99 00 0	940 82	0 0 9 0 0	- - - 84	000 35	0 00 00	98 05 0	941 61	0 0 9 0 0	- - - 45	—	—	0.8	- 0.2	9.8	9
	Chaman	000 49	0 27 02	97 00 0	926 87	0 0 9 0 0	- - - 88	000 41	0 00 00	97 00 0	917 71	0 0 9 0 0	- - - 81	- 5	- 3	0	0.1	9.5	8
	Nushki	000 51	0 25 16	97 00 0	952 94	0 0 9 0 0	- - - 95	000 33	0 09 05	96 00 0	018 78	0 0 9 0 0	- - - 69	—	—	0	—	5.4	—
	Dalbandin *	000 48	0 31 07	94 07 3	985 97	0 0 9 0 0	- - - 98	000 38	0 23 03	94 05 0	952 69	0 0 9 0 0	- - - 62	- 3	- 1	0	- 0.3	1.3	4
	Nokkundi	000 74	0 34 18	96 05 1	009 96	0 0 9 0 0	9 x x 99	000 44	0 34 02	99 00 0	065 77	0 0 9 0 0	- - - 73	—	—	0	—	0.9	2
	Kalat †	000 48	0 32 02	98 00 0	851 78	0 0 9 0 0	- - - 77	000 47	0 18 05	98 00 0	864 67	0 0 9 0 0	- - - 47	- 3	- 4	0.8	- 0.4	0.7	7
	Turbat	000 82	0 25 05	97 00 1	019 05	0 0 9 0 0	- - - 07	000 80	0 24 02	96 00 0	001 81	0 0 9 0 0	- - - 81	—	—	0	—	1.4	—
	Panjgur *	000 74	0 21 14	97 05 0	942 93	0 0 9 0 0	- - - 94	000 40	0 18 02	97 00 0	962 78	0 0 9 0 0	- - - 72	2	+ 5	0	—	2.3	5
	Las Bela																		8
	Ormara	000 73	1 25 13	97 01 0	029 88	1 5 6 0 0	- - - 84	000 76	5 25 09	95 11 0	052 79	5 5 6 0 0	- - - 78	—	—	0.8	- 0.5	3.1	4
	Pasni	000 71	0 25 14	97 00 0	034 83	0 0 9 0 0	- - - 87	000 72	0 27 02	98 00 0	061 71	0 0 9 0 0	- - - 74	- 3	+ 2	0.8	0 1	4.9	5
	Jiwani																		4
SIND	Reti	000 88	0 23 05	96 00 0	027 06	0 0 9 0 0	- - - 07	000 77	0 18 09	96 00 0	025 78	0 0 9 0 0	- - - 75	—	—	1.7	—	2.2	—
	Jacobabad	000 57	0 13 05	97 00 0	985 04	0 0 9 0 0	- - 05	000 71	0 09 10	97 00 0	025 81	0 0 9 0 0	- - - 79	+ 2	0	0.2	- 1.8	0.7	4
	Sukkur	000 70	2 xx xx	98 02 1	982 05	0 0 9 4 0	0 x 4 05	000 72	0 xx xx	96 00 1	024 78	0 0 9 0 0	- - - 75	—	—	0.5	—	1.0	4
	Pad Idan	000 65	0 18 05	96 00 0	988 05	0 0 9 0 0	- - 06	000 73	0 13 09	98 00 0	018 80	0 0 9 0 0	- - - 76	—	—	0.8	—	0.8	—
	Karachi (Manora)	000 78	2 27 18	98 01 1	033 85	8 6 4 0 0	- - - 87	000 76	7 26 09	97 02 2	052 80	7 8 4 0 0	- - - 79	+ 2	+ 1	1.5	- 4.2	1 6	8
	Karachi (A. P.)	000 78	3 25 17	97 02 1	034 85	3 5 5 0 0	- - - 88	000 77	7 27 12	96 02 5	051 81	7 8 4 0 0	- - - 80	—	—	2.9	—	3.0	—
	Badin	000 75	4 23 05	96 00 0	038 91	0 0 9 0 0	- - - 01	000 75	6 21 07	96 00 0	054 82	8 5 7 0 0	- - - 77	- 3	- 1	7.0	+ 0.0	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 78	0 23 09	97 00 0	009 96	0 0 9 0 0	- - - 00	000 77	5 23 12	97 00 0	035 84	0 0 9 3 3	- - - 72	—	—	2.1	—	2.1	—
	Hyderabad	000 73	0 25 09	97 00 0	017 93	0 0 9 0 0	- - - 99	000 74	0 23 09	97 00 0	031 83	0 0 9 0 0	- - - 79	+ 2	+ 2	1.5	- 2.9	2.8	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul							000 38	0 29 02	98 00 0	978 87	0 0 9 0 0			—	0.7	—		12
	Jalalabad							000 58	0 00 00	96 00 1	992 77	0 0 9 0 0	- - - 61		—	0.5	—	10.5	—
	Kandahar	000 71	0 09 00	98 00 0	587 91	0 0 9 0 0	- - 98						9 x x 78	—				6.9	—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 10TH SEPTEMBER, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VV ww W	PPPTT	$N_h C_L hC_M C_H$	$W_1D_2D_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	$W_1D_2D_MT_nT_n$	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
1	2	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Iran	Charbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	Mashed	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
	Bushire		...	-	-		-		-	-	-		-		-	-	-	-	-	-	11
Arabia	Muscat	000 81	0 26 02	97 00 0	847 87	8 0 9 0 0	- - - 88	000 81	0 09 02	96 00 0	856 86	8 0 9 0 0	- - - xx	- 2	—	0	- 0.1	2.3	4		
	Sharjah	000 xx	0 27 03	97 00 0	819 02	8 9 9 0 0	- - - 83	000 xx	0 27 05	97 00 0	859 84	8 0 9 0 0	- - - 87	—	—	0	—	1.5	4		
	Kuwait																				1

* Barometer readings reduced to 1 geodynamic Kilometre (2,350-2,356 feet according to latitude.. (a) Reports only rainfall.
† Barometer readings reduced to 2 geodynamic Kilometre (5,699-5,713 feet according to latitude.. Whenever 000 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, 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.

Wireless Reports from Ships

SHIP	YQ $L_aL_aL_a$	$L_0L_0L_0$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	$D_s v_s$ app	8 $N_s Ch_s h_s$	0 $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Esperance Bay ...	18 096	676 00	2 18 10	99 16 1	097 81	82 5 xx	6 5 810	—	8 82 75	—
Oritu	18 788	667 00	2 25 70	98 09 1	077 80	21 6 08	2 6 898	—	8 81 74	—
Dumra	18 548	668 06	7 24 09	75 02 2	054 81	78 2 00	6 5 600	xxx xx	0 80 76	1 28 21
Dorcesa	18 549	674 08	2 11 05	98 05 0	074 87	21 7 09	2 4 820	...	0 82 80	—
Kampala	18 148	695 06	0 26 09	99 02 1	104 82	81 7 04	5 5 801	—	0 00 75	1 28 32
Shwedgaon	18 204	698 06	4 28 12	98 08 1	—	—	—	—	0 81 xx	x 5x 70
Cor'u	18 288	706 06	2 24 09	98 05 0	103 84	21 6 05	2 6 810	—	0 02 74	—
Esperance Bay	18 099	681 06	0 25 10	99 25 1	174 79	42 5 60	6 6 165	...	8 88 73	-
Shwedgaon	18 208	684 12	4 29 09	99 02 0	079 xx	x2 x 09	—	—	—	—
Kampala	18 195	686 12	2 27 10	99 02 0	085 82	11 7 01	5 5 800	—	8 81 75	1 27 82
Shwedagon	18 218	676 18	1 25 15	98 02 1	—	—	—	—	0 88 xx	1 15 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
Karachi ...	789 15	003 27	243 60	000 16	272 41	854 85	250 15	700 80	105 82	509 14	619 91	851 55	249 25	211 96	329 00	231 61	448 85	260 85	668 09	190 45	446 99	019 97	464 09	769 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	4	5	6	8	10	15	20	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	18	19	20	21	22	24	25	
Bogra ...	08 08	02 05	09 181	10 21	09 21	09 25	—	—	—	—	11 22	12 25	11 46	—	—	—	11 84	12 81	11 46	—	—	—	—	—
Dhhor ...	22 12	22 20	23 10	23 12	19 04	02 13	—	—	02 07	25 13	—	—	—	—	—	—	20 16	23 26	23 26	—	—	—	—	—
Chittagong ...	26 21	01 26	01 22	05 29	10 18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15 21	16 25	16 24	—	—	—	—	—
Dacca ...	01 14	03 12	06 24	07 25	08 22	07 29	—	—	—	—	—	—	—	—	—	—	14 20	14 28	14 27	—	—	—	—	—
Dalbandin ...	—	—	20 13	20 19	22 21	—	—	—	—	—	—	—	24 07	25 14	—	—	—	—	20 06	20 00	21 27	—	—	—
Drosh ...	—	—	—	—	16 09	17 04	22 02	19 06	29 49	—	—	—	—	22 05	25 02	05 09	—	—	—	—	24 02	01 06	01 05	24 08
Fort Sandeman ...	—	—	—	—	21 06	18 04	23 15	23 23	—	—	—	—	—	21 09	29 13	21 16	—	—	—	—	24 02	01 06	01 05	24 08
Hasanabdal ...	17 07	25 06	20 08	22 07	22 06	24 07	29 06	22 07	—	—	20 18	21 10	21 06	29 01	29 04	24 09	17 02	21 02	18 09	26 02	23 05	20 13	24 07	27 18
Jhelum ...	12 01	18 02	19 04	22 02	25 06	21 04	29 05	23 15	23 23	—	18 03	15 10	15 15	21 04	28 04	28 13	00 05	19 08	19 07	19 04	20 00	23 17	26 05	19 21
Kohat ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kurachi ...	25 21	25 15	28 10	24 11	—	—	—	—	—	—	26 19	26 18	26 13	—	—	—	27 22	—	—	—	—	—	—	—
Khanpur ...	22 08	23 09	23 12	23 15	25 13	22 05	29 08	26 23	23 23	—	23 08	23 12	21 15	21 17	26 18	21 08	21 21	24 17	25 19	24 18	23 10	22 08	26 17	24 15
Lahore ...	09 04	13 06	15 06	21 05	25 06	03 09	—	—	—	—	13 15	13 13	10 07	09 09	24 10	25 13	14 06	19 09	17 07	25 08	23 10	25 16	21 19	25 24
Multan ...	16 04	16 06	15 07	15 10	21 05	27 07	01 02	—	—	—	24 08	23 06	23 06	24 07	23 13	19 07	21 18	24 17	25 18	15 02	22 02	24 05	23 06	25 14
Peshawar ...	—	—	—	—	—	—	—	—	—	—	—	26 04	21 04	17 18	20 10	20 13	—	23 08	21 04	23 08	24 19	25 06	25 06	27 19
Quetta ...	—	—	—	—	25 13	26 14	28 15	28 08	—	—	—	—	—	—	17 05	15 09	—	—	—	—	26 09	25 00	17 09	—
Bushire ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shaviat ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v_s)

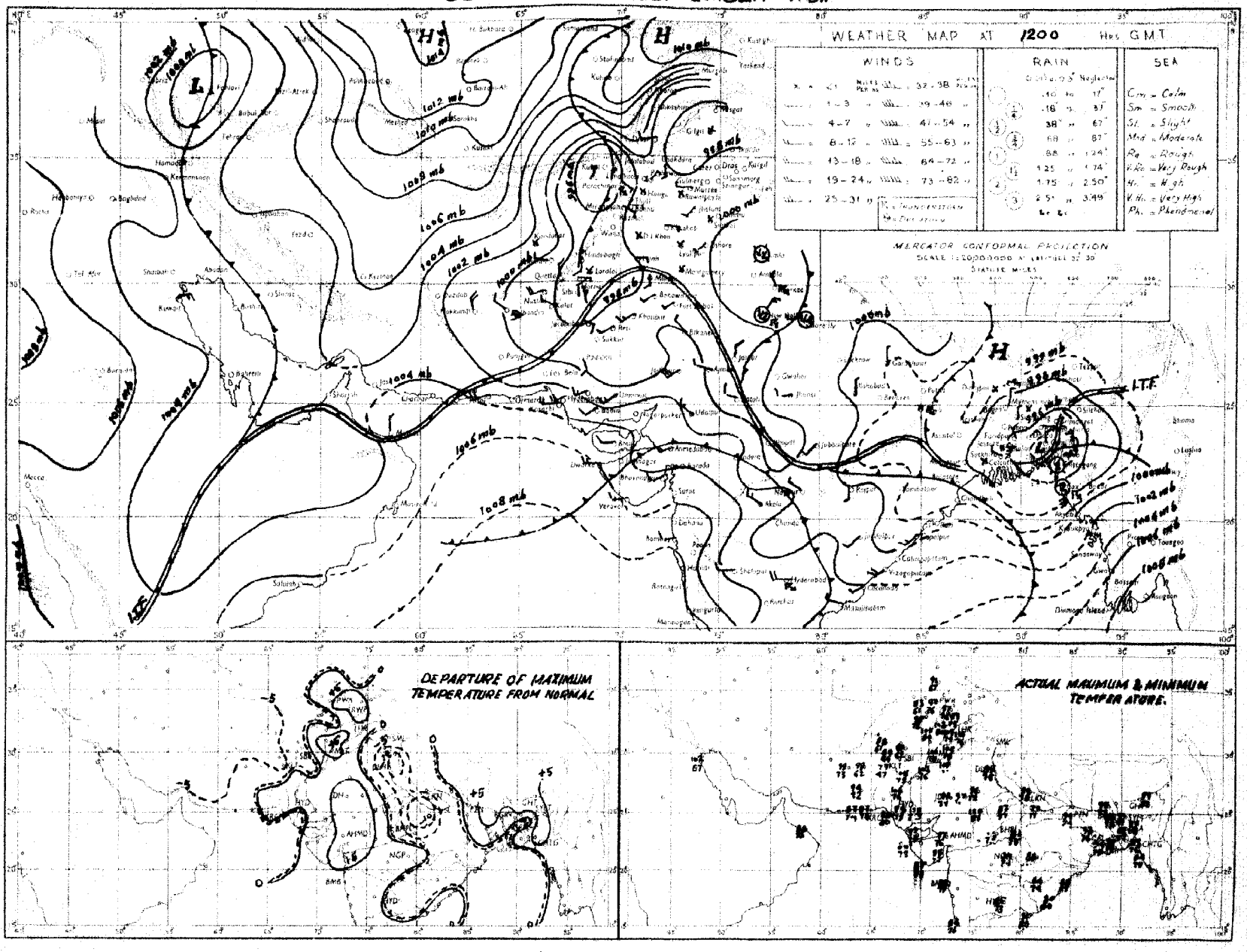
Chittagong 94098 41511

* 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

M. P. W.

PAKISTAN DAILY WEATHER MAP

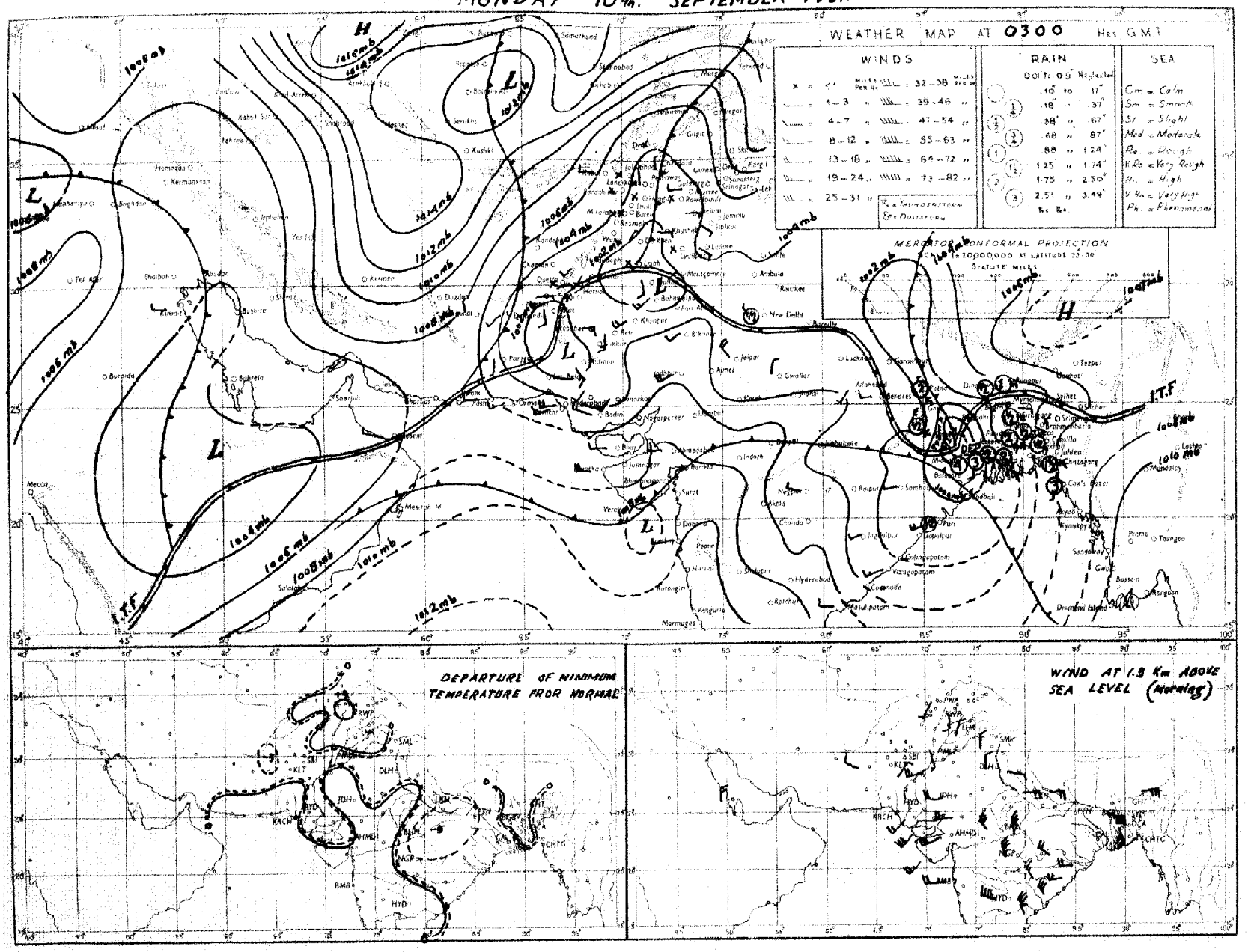
SUNDAY 9th SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 10th. SEPTEMBER 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 11TH SEPTEMBER, 1951

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

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

The depression in the neighbourhood of Asansol moved westnorthwestwards and is centred at 0300 G. M. T. today about 50 miles Southeast of Benaras. It is likely to continue move westnorth west wards.

Seasonal low extends from the north Punjab to Baluchistan.

A shallow low extends from southwest Iran to East Persian Gulf.

Fairly widespread rain has occurred in East Pakistan and local thunderstorms/showers in the extreme north Punjab and the North-West Frontier Province.

Chief amounts of rainfall are :—Narayanganj 1", Barisal and Sirajganj ¾" each, Murree ½" and Cox's Bazar, Faridpur, Rangpur and Rawalpindi ¼" each.

Day temperatures were appreciably to markedly below normal in Baluchistan and the Eastern Sub-division of East Pakistan and generally appreciably above normal in the plains of Punjab,

Forecast valid until the evening of 12th :—Fairly widespread rain and a few thunderstorms will occur in East Pakistan local thunderstorms/showers will also occur in Kashmir, the north Punjab and the upper North-West Frontier Province.

Karachi-11.
The 11th September, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division (1)	Station (2)	At 1200 Hrs. G. M. T of previous day: RRRTdTd (3)	N dd ff (4)	VVwwW (5)	PPPTT (6)	NhCLh CM CH (7)	WtDKDMTxTx (8)	At 0300 Hrs. G. M. T. of date: RRRTdTd (9)	N dd ff (10)	VVwwW (11)	PPPTT (12)	NhCLh CM CH (13)	WtDKDMTnTn (14)	Departure from Normal: TxTx (15)	TnTn (16)	Rainfall: Since 1st June 51 to date (17)	Departure from normal (18)	Since 1st Jan 51 to date (19)	Annual normal (20)
EAST PAKISTAN	Cox's Bazar	020 77	6 18 05	94 03 6	064 78	8 5 5 3 3	- - - 84	035 75	4 18 03	96 01 6	103 82	2 2 6 3 0	- - - 75	- 2	- 1	89.	- 11.6	90.5	140
	Chittagong	000 76	8 16 09	96 03 1	050 80	7 2 6 7 0	- - × 85	090 74	6 11 09	97 01 2	098 84	4 8 6 9 0	- - - 77	- 2	0	79.6	+ 8.7	109.3	108
	Comilla	000 76	8 13 13	96 03 1	038 88	8 6 7 0 0	- - - 83	011 72	7 13 09	98 03 6	096 83	7 6 7 0 0	4 0 0 77	- 5		96.6	+29.1	93.0	115
	Brahmanbaria	000 77	6 18 05	96 03 1	041 83	6 4 5 0 0	- - - 89	000 74	8 13 09	97 03 1	097 83	1 5 5 2 -	0 × 4 78	—	—	45.7	+ 3.2	55.6	94
	Dacca	××× 77	8 18 05	96 21 6	030 80	5 5 4 2 -	- - × 80	××× 77	8 13 02	96 61 6	094 83	7 6 4 4 -	- - 77	—	—	—	—	—	79
	Narayanganj	020 77	6 13 05	94 20 6	023 80	8 5 5 -	- - - 84	115 79	8 13 05	94 61 6	094 80	8 5 5 - -	- - - 73	- 5	- 3	54.2	+11.5	73.1	74
	Mymensingh	000 79	8 09 02	95 50 5	036 83	8 6 5 -	- - - 90	000 78	8 09 06	98 02 5	097 81	8 4 7 -	- - - ××	+ 2	—	35.2	- 18.9	43.3	91
	Srimangal	000 77	8 09 03	96 05 1	045 81	8 6 6 1 6	- × × 92	000 77	7 09 03	97 02 1	105 81	4 8 5 4 1	- - - 76	+ 1	+ 1	54.2	+ 2.0	81.3	88
	Khulna	005 78	8 13 05	96 03 5	021 80	8 8 6 - -	- - - 82	005 78	8 00 00	96 03 2	084 79	8 8 6 -	- - - 78	6	+ 1	39.3	- 4.6	47.6	69
	Satkhira	000 79	5 13 02	97 02 1	018 80	5 4 6 6 0	- - × 91	019 78	8 13 02	96 08 6	××× 79	6 6 6 6 0	- - × 78	+ 2	+ 2	26.2	14.5	24.8	65
	Jessore	004 77	0 18 02	96 03 6	011 80	8 5 6	- - - 86	005 79	8 13 05	96 08 2	073 83	8 8 6 0 0	- - - 78		—	29.7	9.1	36.8	60
	Faridpur	016 77	8 18 09	96 02 6	023 80	7 6 6 1 0	- - × 88	020 78	8 12 05	96 50 6	080 80	7 6 5 1 0	- 78	0	+ 1	41.6	0	47.0	71
	Barisal							000 79	8 01 05	96 62 6	081 80	5 8 5 2 7	- × × 77		- 2	—	—		81
	Pabna																		50
	Rampur Boalia																		50
	Sirajganj	048 77	8 13 09	98 02 2	010 80	8 4 6 - -	- - - 85	084 76	8 00 06	97 58 5	080 79	8 7 6 - -	- - - 79	- 3	+ 1	45.0	+ 5.7	55.0	64
	Bogra	010 77	8 18 06	96 02 6	025 81	5 5 5 2 0	- - - 87	014 77	8 13 93	96 02 6	081 81	5 5 5 2 ×	- - - 78	- 2	0	31.7	- 11.5	38.5	66
	Dinajpur	000 76	8 09 02	97 02 2	036 83	8 4 7 0 0	- - - 88	000 78	8 00 00	97 51 5	098 79	8 4 7 0 0	- - - 78	- 1	0	37.3	10.4	41.7	72
	Rangpur	000 ××	8 09 02	96 02 1	—	8 5 8 - -	- - - ××	023 ××	8 09 05	96 02 6	— —	8 5 8 - -	- - - ××	—	—	60.5	+ 7.1	69.8	84
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 79	0 26 02	98 00 0	990 00	0 0 9 0 0	- - - 01	000 77	0 11 04	96 00 0	036 84	0 0 9 0 0	- - - 79	+ 4	+ 3	8.9	- 2.7	10.2	19
	Lahore	000 71	0 09 09	98 00 1	007 96	0 0 9 0 0	6 × × 98	000 75	7 13 02	96 03 1	047 84	0 0 9 4 0	3 - 9 79	+ 1	+ 5	10.6	- 3.0	14.7	19
	Sialkot	000 70	3 13 04	97 03 1	009 95	3 1 6 0 0	- - - 96	000 73	3 09 04	97 02 1	054 83	3 0 8 4 0	- × 78	+ 1	+ 8	13.8	- 7.9	18.7	28
	Jhelum	000 70	1 00 00	97 01 1	003 ××	1 1 7 0 0	- - - 97	000 68	5 09 00	98 03 5	057 80	2 1 8 6 0	6 - 7 72	—	—	16.4	—	25.8	—
	Rawalpindi	000 66	4 18 02	97 02 1	998 94	4 2 7 0 0	- - - 94	021 66	6 00 00	98 07 9	040 76	× × × × ×	- - 70	0	0	14.8	6.7	25.6	36
	Murree †	006 49	4 29 02	96 02 9	943 66	4 9 4 0 0	8 × × 73	047 50	7 00 00	95 02 9	952 61	7 5 5 0 2	9 × - 55	+ 8	0	21.4	1.0	43.0	59
	Attock	××× ××	4 18 02	98 00 0	—	4 0 8 2 0	- - - —	××× ××	0 00 00	98 00 5	— —	0 0 0 0 0	- - ××	—					—
	Khushab	000 71	0 11 06	98 00 0	993 00	0 0 9 0 0	- - - 01	000 71	0 09 05	99 00 0	045 84	0 0 9 0 0	- - - 79	+ 1	+ 1	3.0	6.4	7.8	16
	Montgomery	000 68	0 00 00	97 00 0	001 01	0 0 9 0 0	- - - 03	000 72	0 20 03	96 00 0	040 85	0 0 9 0 0	- - - 77	+ 1	0	2.5	- 4.0	6.1	10
	Leiah	000 85	0 05 02	97 00 0	086 06	0 0 9 0 0	- - - 07	000 7	0 36 02	97 00 0	018 85	0 0 9 0 0	- - - 75	—	—	0.9	—	6.6	8
	Multan	000 67	0 27 02	97 00 0	995 01	0 0 9 0 0	- - - 08	000 58	0 23 05	96 00 0	031 83	0 0 9 0 0	- - - 78	+ 4	- 1	3.8	- 0.8	6.9	7
	Khanpur	000 72	0 25 09	95 05 0	000 08	0 0 9 0 0	- - - 05	000 78	0 23 05	95 05 0	088 83	0 0 9 0 0	- - - 79	+ 2	+ 4	0.3	4.4	1.9	6
	Bahawalpur	000 65	0 00 00	97 00 0	985 01	0 0 9 0 0	- - 03	000 69	0 23 02	97 00 0	039 83	0 0 9 0 0	- - - 74	+ 2	0	1.9	2.3	5.0	6
	Fort Abbas	000 84	0 23 03	96 00 0	987 ××	0 0 9 0 0	0 × × 06	000 67	0 23 03	96 00 0	××× 85	0 0 9 0 0	- - - 78	—	—	2.8	—	3.7	6
N. W. F. P.	Drosh *	000 39	4 25 07	99 02 1	900 54	3 9 7 0 1	6 9 × 91	000 44	0 00 00	99 00 0	969 67	0 0 9 0 0	- - - 66	+ 1	+ 1	1.7	—	21.9	18
	Chakdara	000 64	0 13 05	99 00 0	989 91	0 0 9 0 9	- - 94	000 59	0 13 02	98 00 0	058 76	0 0 9 0 0	- - - 67	—	—	6.5	—	18.8	—
	Cherat *	003 59	6 27 10	97 97 9	943 70	6 9 × 0 0	1 × × 87	006 59	0 15 04	97 00 0	967 70	0 0 9 0 0	- - - 67	+ 2	+ 1	5.0	- 5.3	27.9	29
	Peshawar	000 48	6 16 09	95 17 9	991 96	5 9 6 6 0	2 × × 96	000 65	1 00 00	96 01 9	062 79	0 0 9 3 0	9 × × 71	0	- 1	1.3	- 2.7	8.6	14
	Parachinar	000 43	3 13 02	99 01 9	945 78	1 1 9 3 0	3 × 7 34	000 46	0 18 02	99 00 1	939 70	0 0 9 0 0	- - - 69	+ 1	0	9.2	—	26.7	20
	Miranshah	000 92	3 36 05	98 00 0	916 93	3 2 6 6 5	- × × 95	000 73	0 00 00	98 28 0	034 75	0 0 9 0 0	- - - 72	—	—	3.6	0.5	18.5	13
	Bannu	000 56	4 18 03	99 03 0	980 98	0 0 9 3 0	- - - 99	000 63	0 00 00	99 00 0	056 81	0 0 9 0 0	- - - 76	—	—	0.9	—	5.8	11
	D. I. Khan	000 69	0 02 02	96 00 0	953 03	0 0 9 0 0	- - - 03	000 71	0 05 02	96 00 0	055 81	0 0 9 0 0	- - - 66	+ 2	—	1.1	- 4.0	2.8	9
	Wana																		11
	Landikotal	000 40	8 13 08	99 02 1	909 65	3 9 6 0 0	- - - 90	000 45	0 00 00	99 00 1	949 77	0 0 9 0 0	- - - 67		—	2.4	—	12.0	-
	Hangu	××× ××	4 00 00	97 03 3	— —	0 0 9 2 0	1 × 0 —	××× ××	0 00 00	97 00 1	— —	0 0 9 0 0	- - - ××	—	—	—	—	—	-
	Thall	××× ××	3 23 13	98 03 1	—	1 8 6 2 0	- - - —	××× ××	0 36 04	99 00 0	— —	0 0 9 0 0	- - - ××	—	—	—	—	—	-
BALUCHISTAN	Fort Sandeman	000 67	5 09 06	96 07 1	884 90	3 5 7 4 9	- - - 94	000 40	0 00 00	95 05 0	032 75	0 0 9 6 0	- - - 66	0	- 1	4.1	- 0.7	10.0	11
	Hindubagh	000 32	2 27 05	97 02 1	937 84	0 0 9 3 0	- - - 89	000 34	0 00 00	98 00 0	953 57	0 0 9 0 0	- - - 57	—	—	0.2	—	8.5	—
	Loralai	000 63	0 00 00	96 00 0	905 66	0 0 9 0 0	- - - 90	000 46	0 27 05	96 00 0	945 70	0 0 9 0 0	- - - 60	—	—	1.7		8.1	—
	Harnai (a)	000 ××	0 00 05	95 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 09 03	95 00 0	— —	0 0 9 6 0	- - - ××	—	—	2.0	- 5.1	10.6	14
	Sibi	000 50	0 18 05	99 00 0	997 02	0 0 9 0 0	- - - 07	000 62	0 00 00	98 00 0	031 83	0 0 9 0 0	- - - 78	—	—	2.2	—	3.8	5
	Quetta †	000 31	0 29 09	98 00 0	935 84	0 0 9 6 0	- - - 86	000 56	0 06 00	97 05 0	041 56	0 0 9 0 0	- - - 44	—	—	0.8	- 0.3	9.3	9
	Chaman	000 37	0 23 03	97 00 0	××× 65	0 0 9 0 0	- - - 86	000 48	0 18 02	97 00 0	951 74	0 0 9 0 0	- - - 60	7	- 4	0	0.1	9.6	6
	Nushki	000 37	0 27 10	97 00 0	982 93	0 0 9 0 0	- - - 95	000 35	0 11 10	95 00 0	018 78	0 0 9 0 0	- - - 69		—	0	—	5.4	—
	Dalbandin *	000 68	0 23 09	94 06 0	925 94	0 0 9 0 0	- - - 95	000 31	0 27 02	94 05 0	948 68	0 0 9 0 0	- - - 64	6	8	0	0.3	1.8	4
	Nokkundi	000 74	0 34 13	99 00 0	997 94	0 0 9 0 0	- - - 97	000 46	0 34 09	99 00 0	045 78	0 0 9 0 0	- - - 73	—	—	0	—	0.9	2
	Kalat †	000 51	0 36 05	98 06 0	949 73	0 0 9 0 0	- - - 32	000 36	0 18 02	98 00 0	965 57	0 0 9 0 0	- - - 61	3	+ 2	0.8	- 0.4	9.7	7
	Turbat	000 80	0 23 07	97 00 0	021 04	0 0 9 0 0	- - - 11	000 78	0 26 02	96 00 0	066 82	0 0 9 0 0	- - - 77	—	—	0	—	1.4	—
	Panjgur *	000 23	0 31 05	97 00 0	939 90	0 0 9 0 0	- - - 92	000 35	0 05 02	97 00 0	961 66	0 0 9 0 0	- - - 60	—	- 7	0	—	3.2	5
	Las Bela																		6
	Ormara	000 75	6 25 13	96 07 1	027 81	6 5 6 0 0	- - - 84	000 75	6 25 05	96 02 1	052 79	6 5 6 0 0	- - - 78	—	—	0.2	- 0.5	3.0	6
	Pasni	000 74	0 25 16	96 00 0	024 84	0 0 9 0 0	- - - 87	000 74	0 27 03	96 00 0	061 80	0 0 9 0 0	- - - 78	- 3	0	0.8	0.1	4.0	6
	Jiwani																		4
SIND	Beti	000 88	0 18 05	98 00 0	007 04	0 0 9 0 0	- - - 06	000 77	0 18 09	96 00 0	052 80	0 0 9 0 0	- - 77	—	—	1.7	—	2.2	-
	Jacobabad	000 66	0 16 02	97 00 0	000 98	0 0 9 0 0	- - - 00	000 73	0 16 05	96 00 0	044 81	0 0 9 0 0	- - 78	8	8	0.3	1.0	0.7	4
	Sukkur	000 62	0 ×× ××	96 00 0	995 01	0 0 9 0 0	- - - 01	000 72	0 ×× ××	96 00 0	030 79	0 0 9 0 0	- - 76	—	—	0.4	—	1.0	4
	Pad Idan	000 68	0 13 05	98 00 0	000 03	0 0 9 0 0	- - - 03	000 73	0 13 06	98 00 0	034 78	0 0 9 0 0	- - - 74	—	—	0.8	—	0.9	
	Karachi (Manora)	000 75	7 25 09	98 02 2	080 94	7 6 4 0 0	- - - 86	000 74	6 27 09	96 02 2	055 80	6 6 4 0 0	- - - 79	+ 1	+ 2	1.5	- 4.5	1.6	3
	Karachi (A. P.)	000 75	6 23 14	96 03 1	081 84	6 5 5 0 0	- - - 89	000 73	7 25 12	97 02 5	056 81	7 6 5 0 0	- - - 78	—	—	2.9	—	2.9	
	Badin							000 74	0 23 07	96 00 0	048 80	0 0 9 0 0	- - - 76		8	7.0	- 0.1	7.8	9
	Nagarparkar																		
	Chhor (Umarkot.)	000 78	0 25 10	97 00 0	008 95	0 0 9 0 0	- - - 98	000 78	0 20 09	97 00 0	048 80	0 0 9 0 0	- - - 75	—	—	2.1	—	2.1	—
	Hyderabad	000 73	0 25 10	97 00 0	011 92	0 0 9 0 0	- - - 00	000 73	0 23 06	97 00 0	037 81	0 0 9 0 0	- - - 77	+ 2	0	1.8	- 2.0	2.0	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul	000 45	3 02 02	98 01 1	961 54	× × × × ×	- - - 88	000 56	0 34 02	98 00 0	938 63	0 0 9 0 0	- - - 54	—	—	0.7	—	10.5	12
	Jalalabad	000 63	4 05 02	96 06 0	964 94	0 0 9 5 0	3 × 9 97	000 67	0 00 00	96 00 1	027 75	0 0 9 0 0	- - - 67	—	—	9.5	—	6.9	—
	Kandahar	000 60	0 00 00	98 00 0	898 88	0 0 9 0 0	- - - 91	000 47	0 00 00	97 00 0	019 61	0 0 9 0 0	- - - 48	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 11TH SEPTEMBER, 1951.

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VV ww W	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_TT_d	N dd ff	VV ww W	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 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	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	6
	Mashee	---	-	-				-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	...	-				-											11
Arabia	Muscat	000 81	0 13 02	97 00 0	037 86	0 0 9 0 0	- - - 90	000 79	0 07 00	97 00 0	053 86	0 0 9 0 0	- - - xx	0	---	0	- 0.1	3.3	4
	Bharain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 02 02	97 00 0	048 00	0 0 9 0 0	- - - 10	000 xx	0 27 05	97 00 0	067 93	0 0 9 0 0	- - - 90	---	---	0	---	1.5	1

* Barometer readings reduced to 1 geodynamic Kilometre 3.350-3.356 feet according to latitude. (a) Reports only rainfall.
† Barometer readings reduced to 2 geodynamic Kilometre 6.699-6.713 feet according to latitude. Whenever 000 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 $L_aL_aL_a$	$L_oL_oL_o$ 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 $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bharatraja ...	23 135	748 06	6 25 07	98 02 1	115 84	42 6 84	---	---	---	---
Shwedagon ...	23 219	060 06	2 27 16	98 02 0	087 xx	82 6 00	---	---	---	---
City of Bristal ...	23 172	540 18	0 24 18	81 00 0	084 77	00 9 00	2 5 302	---	0 51 72	1 24 32
Bharatraja ...	23 193	784 18	8 26 09	xx xx x	101 80	82 6 84	---	---	---	---
Shwedagon ...	23 224	642 18	3 26 18	98 02 0	067 xx	x1 x 00	---	---	---	---
Drinhe ...	23 146	782 18	5 28 08	97 15 9	092 82	62 5 07	7 6 916	---	0 01 36	1 28 22
Shwedgaon ...	23 222	051 12	2 28 18	97 01 9	070 xx	21 7 00	---	---	---	---
Corfu ...	23 169	782 18	8 27 06	98 02 2	114 91	33 x 1x	4 8 106	---	0 01 74	---
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 ...	788 15	003 27	241 60	000 13 272 41	854 78 171 39	700 21 105 43	609 03 599 91	801 28 759 91	555 55 329 00	191 53 555 79	169 97	056 00	200 19	997 56	215 41	196 09	007 20	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. ††										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
Bogra	---	---	---	---	---	---	---	---	---	---	13 15	15 20	15 21	-	---	---	09 08	09 11	---	---	---	---	---	---
Dhoor	22 19	21 19	21 17	20 18	19 09	---	---	---	---	---	20 22	18 27	17 26	19 42	---	---	20 22	22 07	---	---	---	---	---	---
Chittagong	---	---	---	---	---	---	---	---	---	---	15 22	16 27	17 26	---	---	---	15 19	16 20	17 22	17 24	18 20	---	---	---
Cox's Bazar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dacca	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12 16	---	---	---	---	---	---	---
Dalbandin	-	---	23 14	26 21	30 17	31 19	27 14	---	---	---	---	---	36 03	36 09	05 01	28 08	---	---	27 09	30 10	30 09	36 15	30 13	---
Drosr	---	---	---	---	22 04	18 05	31 01	02 02	26 10	25 42	---	---	---	22 08	22 05	10 04	---	---	---	---	19 01	05 02	35 04	35 02
Port Sandeman	---	---	---	22 01	27 05	26 02	14 11	20 16	24 26	24 35	---	---	---	15 04	21 07	24 32	---	---	---	26 02	01 01	33 12	31 06	18 04
Jacobabac	18 06	18 04	25 04	25 04	17 02	16 06	04 08	17 14	25 24	24 35	19 13	20 15	20 13	18 09	16 19	06 02	16 12	21 08	19 07	18 06	21 06	12 08	07 09	34 10
Jhelum	15 07	18 10	17 06	30 04	22 10	33 10	27 07	21 25	---	---	---	---	---	---	---	---	22 01	14 04	14 13	15 09	29 07	30 13	---	---
Kiwana	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Karachi	25 09	27 29	29 13	---	---	---	---	---	---	---	26 17	26 19	---	---	---	---	13 18	25 25	27 26	---	---	---	---	---
Khanpur	25 08	22 15	23 15	24 06	15 02	09 09	09 04	25 17	25 25	24 31	20 25	19 13	20 14	---	---	---	22 19	27 14	25 16	23 06	21 06	09 08	08 27	29 14
Lahore	09 05	15 02	13 07	15 10	15 03	24 19	---	---	---	---	11 06	19 05	11 02	27 03	27 15	35 09	13 08	13 09	16 06	18 05	24 13	26 17	33 16	17 27
Multar	20 06	19 07	21 04	19 08	21 06	27 01	26 04	25 17	---	---	21 25	23 26	23 25	24 15	28 15	23 15	25 25	24 15	24 13	25 14	23 10	30 02	07 13	25 20
Peshawar	---	06 01	20 01	18 06	20 05	25 09	29 13	24 32	24 41	24 23	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Quetta	---	---	---	---	26 02	24 09	19 19	32 09	25 48	25 54	---	---	---	---	18 08	---	---	---	---	---	18 08	24 10	23 10	25 17
Bushire	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sharrar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Cloud Observation Data (iiiGG Cddv, v,)

Lahore 44009 434vx

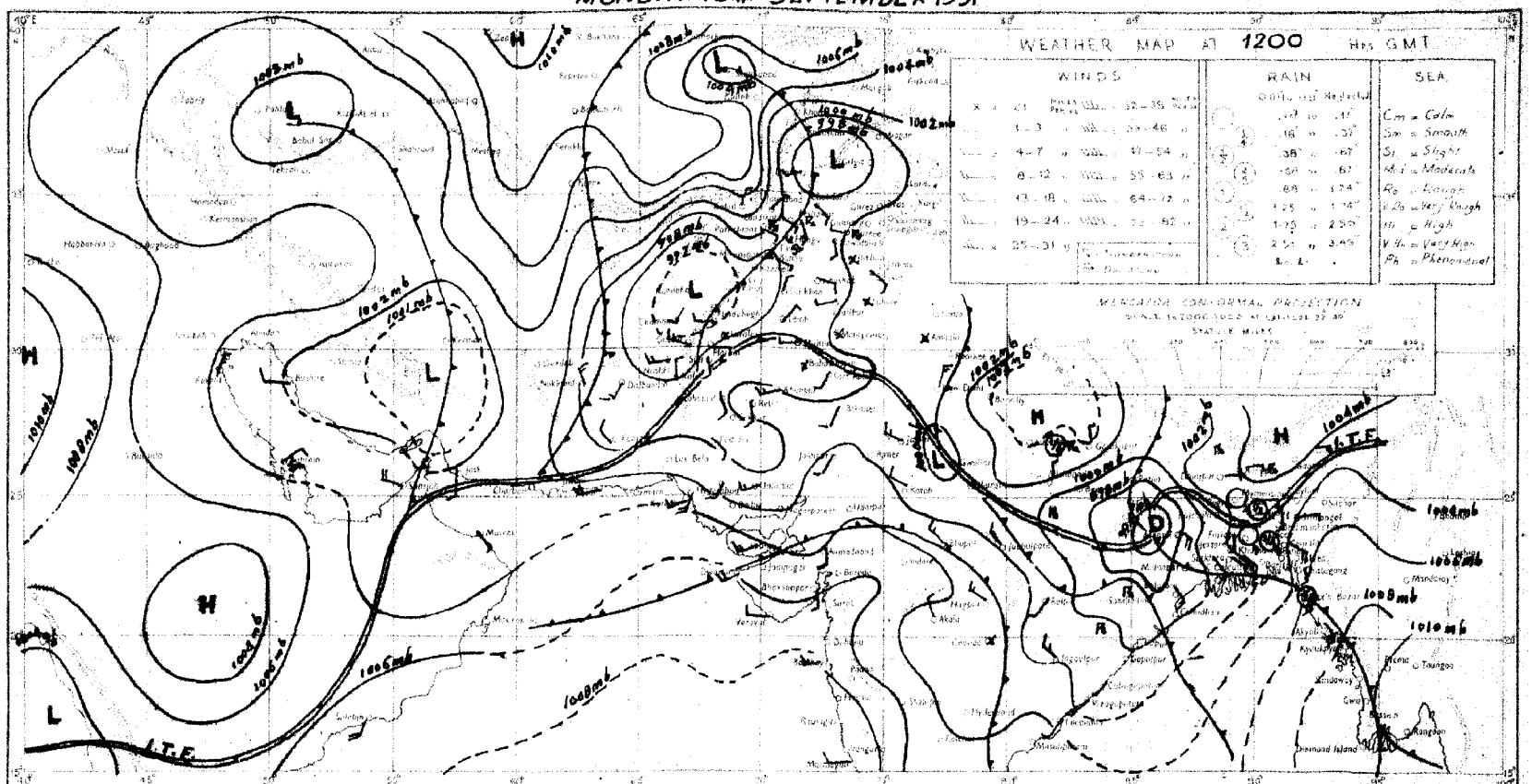
Jhelum 59809 43110

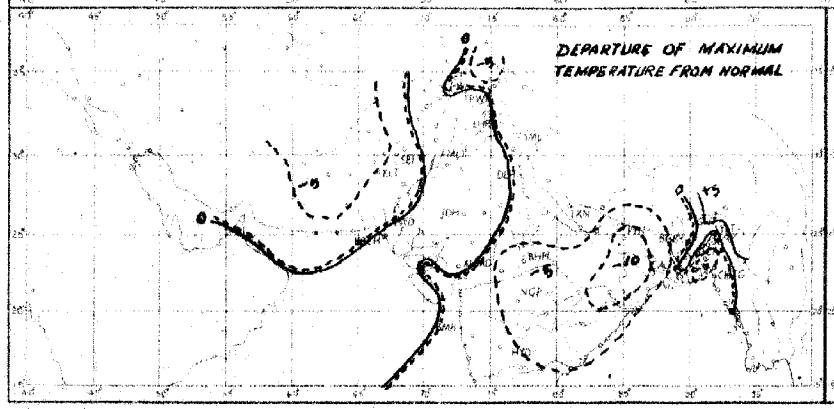
* Wind directions are expressed in tens of degrees counting from North through East and speed in knots.
† The actual time of observations may vary within half an hour of the specified time.
†† The correct levels to which the upper winds relate are 0.5, 0.6, 0.8, 1.5, 2.1, 3.0 4.5 6.0, 7.5, and 9.0 a.m.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

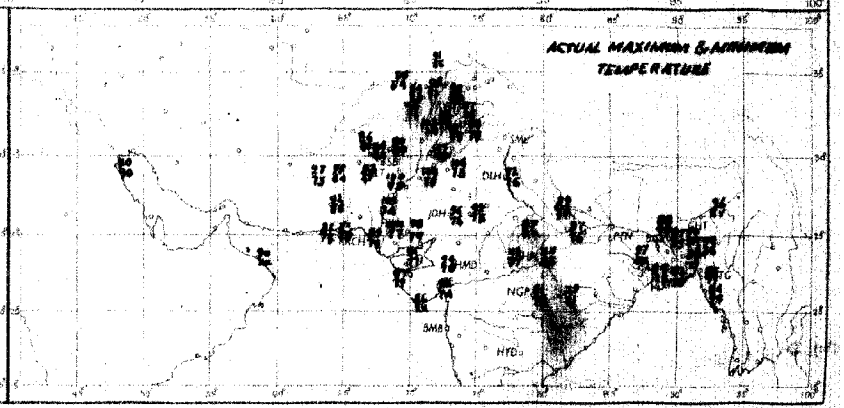
M. P. W.

PAKISTAN DAILY WEATHER MAP

MONDAY 10th SEPTEMBER 1951



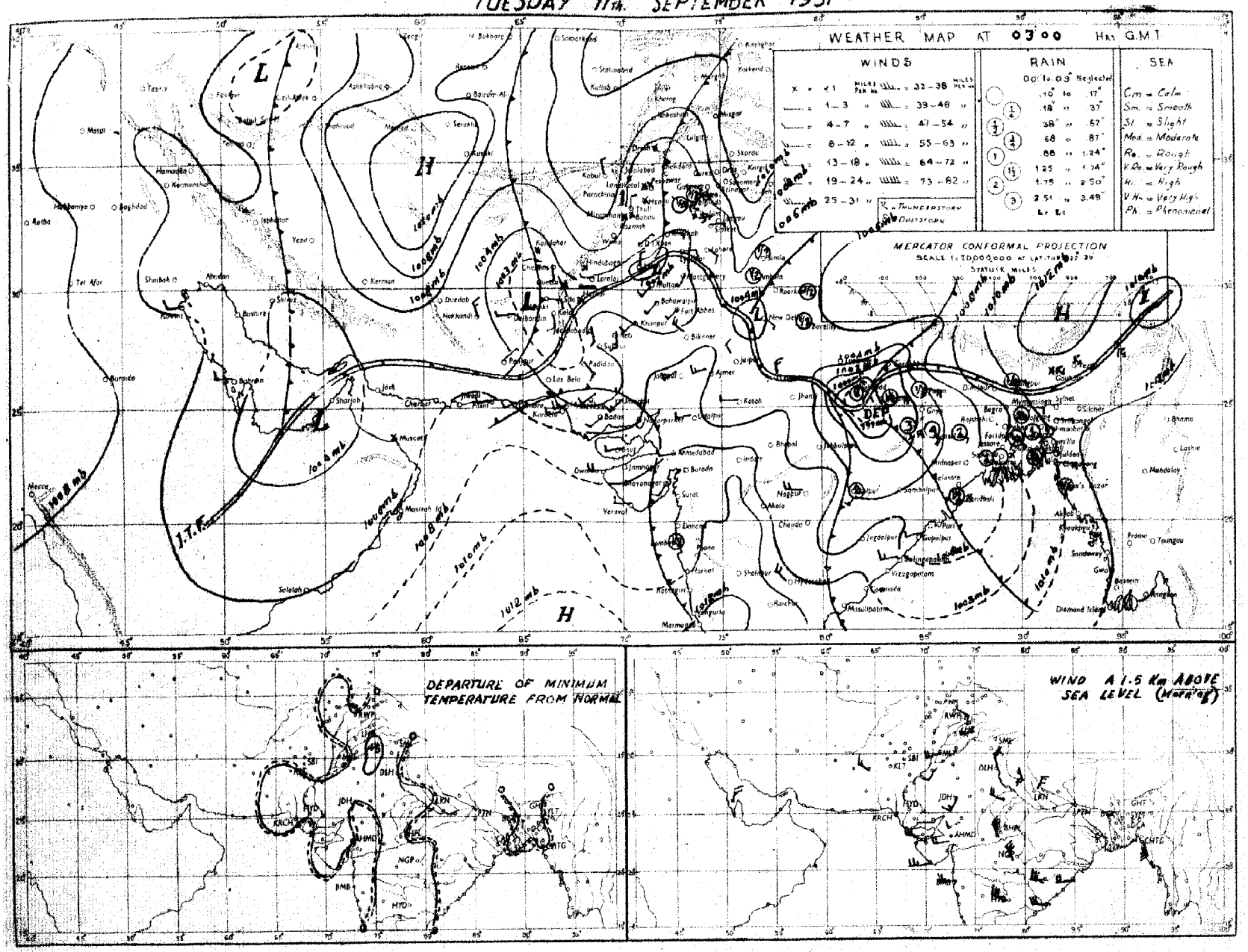




Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 11th. SEPTEMBER 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 12TH SEPTEMBER, 1951

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

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

The depression in the neighbourhood of Beneras, moved westnorthwestwards and is centred today at 0300 G. M. T. in the neighbourhood of Kanpur. It is likely to move initially westnorthwestwards and then recurve.

A low pressure wave is moving eastwards across Kashmir.

Steep pressure gradient exists over Iraq.

Fairly widespread rain has occured in East Pakistan. Local thunderstorms/showers have also occured in the north Punjab and the North-West Frontier Province.

Chief amounts of rainfall are — Narayanganj 2"; Mymensingh, Khulna and Barisal 1½" each; Rangpur 1"; Sirajganj ¾"; Satkhira and Faridpur ½" each and Srimangal and Dinajpur ¼" each.

Day temperatures were appreciably to markedly below normal in East Pakistan and generally appreciably above normal in the plains of Punjab and lower Sind.

Forecast valid until the evening of 13th :— Fairly widespread rain will occur in East Pakistan. Thunderstorms/showers will be fairly widespread in the north Punjab and Kashmir and scattered in the North-West Frontier Province.

Karachi-11.
The 12th September, 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	098 75	2 08 08	95 01 4	084 81	1 1 6 0 1	- x 86	008 76	7 00 00	96 02 1	118 88	8 5 6 2 0	- - x 77	+ 1	+ 1	89 9	- 11 8	99.5	140
	Chittagong	000 74	6 16 09	97 02 1	074 83	4 2 5 7 0	- - x 87	040 75	4 16 05	97 02 1	097 84	2 1 6 9 0	- - x 77	0	0	79 5	+ 8 4	109.8	100
	Comilla	000 78	4 12 05	98 03 1	061 80	4 4 7 0 0	- - - 80	000 76	6 12 12	95 03 1	098 81	6 4 7 0 0	- - 76	0	1	86 5	+20 7	92.0	115
	Brahmanbaria	000 78	8 00 00	96 03 1	067 82	8 4 5 -	- - - 86	000 76	8 12 02	97 02 1	098 83	0 0 9 0 5	x 4 x 76	—	—	45.7	+ 2.9	55.6	94
	Dacca	xxx 71	7 18 12	96 01 6	055 80	0 0 9 7 0	- - x 80	xxx 79	8 18 05	96 08 6	091 83	6 8 4 7 0	- - x 76	—	—	—	—		78
	Narayanganj	052 74	8 11 02	92 02 6	153 81	0 0 7 3 8	- x x 84	100 77	8 16 06	95 02 6	099 81	8 0 7 7	- - x 73	- 5	- 3	56.1	+18.1	75.0	74
	Mymensingh	021 79	8 09 02	98 02 6	077 82	8 4 7 -	- - - 88	171 79	8 09 02	98 02 6	089 82	5 4 7 - -	- - - 78	- 1	0	26.9	17.7	45.0	91
	Srimangal	023 77	8 12 02	96 02 6	069 78	5 5 8 -	- - - 89	023 76	5 16 02	97 02 1	102 83	0 0 9 2 1	- x x 75	- 1		44.5	+ 1.8	81.8	98
	Khulna	127 75	8 13 02	96 02 6	053 79	8 8 6 0 0	- - - 81	127 78	8 18 02	96 02 2	086 81	8 8 7 - -	- - - 77	- 7	0	40 5	2.5	49.1	69
	Satkhira	034 78	6 13 02	96 02 6	040 81	6 9 6 8 0	- - x 82	047 79	6 13 03	97 08 6	063 82	4 4 7 8 0	- - x 77	- 7	0	26 7	14 8	35 8	65
	Jessore	021 77	8 09 02	96 03 6	051 80	8 8 6	- - 83												65
	Faridpur	025 76	8 18 09	96 02 6	056 79	5 4 6 1 0	- - x 80	049 79	8 16 09	97 02 1	091 83	7 4 6 1 0	- - x 78	- 6	- 1	42.1	+ 0.2	47.5	71
	Barisal	165 75	7 12 07	96 60 6	057 78	3 5 6 7 7	- x x 80	159 79	8 18 05	96 03 6	092 80	6 7 5 2 7	- x x 77	- 8	- 2		—		81
	Pabna																		58
	Rampur Boalia																		56
	Sirajganj	068 77	8 08 00	98 02 2	052 80	8 4 7 - -	- - - 83	068 78	8 09 05	93 02 2	080 82	8 2 7 - -	- - - 78	- 5	0	46.7	+ 6.1	55.7	64
	Bogra	004 77	8 13 02	96 02 6	065 79	4 2 6 2	- x 84	012 75	8 09 02	96 02 6	087 79	8 7 4 -	- - - 78	- 5	0	21 8	11.8	38.8	69
	Dinajpur	000 77	8 09 02	96 02 2	065 84	2 8 7 8 0	- x 87	032 77	8 09 02	97 02 2	091 81	8 4 7 - -	- - - 75	- 2	0	27.7	10.5	42.0	71
	Rangpur	060 xx	8 07 02	96 02 6	—	5 5 8 -	- - xx	120 xx	8 07 02	96 02 6	— —	8 5 8 - -	- - - xx	—	—	61.7	+ 7.8	71.0	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 76	2 00 00	96 01 0	000 99	0 0 9 4 0	- - - 91	000 71	0 13 04	96 00 0	042 83	0 0 9 0 0	- - - 79	+ 2	+ 3	5.9	2 8	10 2	12
	Lahore	000 75	1 05 02	98 02 1	010 79	1 1 6 0 0	- - - 00	000 74	1 11 08	98 02 1	059 84	0 0 9 4 0	9 9 79	+ 2	+ 5	10.6	8.1	14.7	19
	Sialkot	000 71	1 31 02	98 01 1	008 96	1 1 6 0 0	- - - 97	000 70	1 13 02	98 02 1	060 84	1 0 6 6 0	- - x 77	+ 1	+ 2	13.8	8.0	18.7	32
	Jhelum	000 69	1 23 02	97 01 1	010 95	1 1 7 0 7	x - 98	002 69	0 00 00	96 00 9	065 82	0 0 9 0 0	- - - 72	—	—	16.6	-	25 5	
	Rawalpindi	008 80	5 00 00	xx xx x	021 91	3 2 7 0 4	7 x - 92	008 68	0 00 00	99 00 2	060 78	0 0 9 0 0	- - - 68	- 2	2	14 9	6 8	25.7	35
	Murree †	000 57	3 09 00	97 01 1	946 70	3 3 4 0 0	- - - 72	000 48	0 31 03	97 00 9	966 64	0 0 9 0 0	- - 57	+ 2	+ 2	21.4	11 4	43.0	58
	Attock	xxx xx	0 05 05	98 00 0	-	0 0 9 0 0	- - - xx	xxx xx	0 09 02	98 00 2	— —	0 0 0 0 0	- - xx	—	—		—	-	
	Khushab	000 74	1 11 05	97 08 1	008 98	1 4 7 0 0	- - - 00	000 69	0 09 05	98 00 0	068 86	0 0 9 0 0	- - - 77	- 1	- 1	3.0	4.8	7 8	15
	Montgomery	000 69	0 00 00	97 00 0	002 02	0 0 9 0 0	- - 04	000 72	0 00 00	96 00 0	048 85	0 0 9 0 0	- - - 77	+ 3	0	2.5	4 1	6.1	10
	Leiah	000 81	0 23 02	97 00 0	011 06	0 0 9 0 0	- - 08	000 74	0 31 03	97 00 0	042 84	0 0 9 0 0	- - - 78	—	—	0.0	—	6.6	8
	Multan	000 65	0 18 02	97 00 0	005 01	0 0 9 0 0	- - - 03	000 69	0 00 00	96 00 0	041 81	0 0 6 0 0	- - - 77	+ 4	- 2	3.8	0.8	6.9	7
	Khanpur	000 60	1 26 03	95 01 1	098 01	0 0 9 4 0	8 - 9 03	000 66	0 25 08	94 04 1	048 83	0 0 9 0 0	- - - 77	+ 3	+ 2	0.3	4.4	1.9	6
	Bahawalpur	000 64	0 27 02	97 00 0	078 02	0 0 9 0 0	- - - 04	000 67	0 29 05	97 00 0	040 81	0 0 9 0 0	- - - 76	+ 4	+ 2	1.9	2 8	5 0	6
	Fort Abbas	000 84	0 23 08	96 00 0	xxx 03	0 0 9 0 0	- - 05	000 67	0 28 08	96 00 0	xxx 85	0 0 9 0 0	0 x x 78	—	—	2.8	—	3.7	8
N. W. F. P.	Drosh *	001 42	7 07 02	99 03 9	054 75	4 2 5 2 0	- - x 95	001 47	0 00 00	99 00 1	088 84	0 0 9 0 0	- - - 82	- 4	- 2	1.7	—	21.9	18
	Chakdara	000 65	0 13 02	99 00 0	0.5 89	0 0 9 0 0	- - 92	000 61	0 00 00	98 00 0	072 71	0 0 9 0 0	- - - 85	—	—	6 5	—	18.5	—
	Cherat *	000 61	5 18 07	97 08 1	946 81	4 9 9 0 1	7 x - 85	011 53	0 16 02	98 00 0	966 75	0 0 9 0 0	- - - 83	0	- 3	4.0	- 5 2	28.8	20
	Peshawar	000 52	7 27 21	91 93 9	129 86	5 9 6 3	- - x 94	000 63	1 00 00	95 01 9	061 79	0 0 9 3 0	- - x 72	2	0	1.3	- 2.7	8.6	14
	Parachinar	000 41	0 13 02	99 00 0	929 74	0 0 9 8 0	- - - 80	000 42	0 00 00	99 00 1	905 71	0 0 9 0 0	- - - 57	- 1	- 2	0.3	—	24.7	20
	Miranshah	000 68	3 23 05	98 00 1	044 69	0 0 9 5 0	- - x 90	000 75	0 00 00	98 00 4	973 77	0 0 9 0 0	- - - 72	—	—	3 8	0 6	10.5	18
	Bannu	000 64	3 18 08	99 08 0	980 95	0 0 9 3 0	- - x 98	000 62	0 00 00	99 00 0	080 75	0 0 9 0 0	- - - 73	—	—	0.9	—	5.8	11
	D. I. Khan	000 68	0 05 02	98 00 0	098 00	0 0 9 0 0	- - - 00	000 68	0 05 02	98 00 0	057 80	0 0 9 0 0	- - - 75	- 1	- 2	1 1	4.0	3.8	8
	Wana																		11
	Landikotal	000 63	7 11 21	97 95 1	932 74	8 3 5 0 0	- - - 87	000 61	0 00 00	99 00 1	955 77	0 0 9 0 0	- - - 82	—	—	3 4	—	12 0	—
	Hangu	xxx xx	4 00 00	97 02 3	—	0 0 9 4 0	1 x x xx	xxx xx	2 00 00	97 01 6	— —	0 0 9 0 2	x - xx	—	—	—	—	—	—
	Thal	xxx xx	3 xx xx	98 03 1	—	1 3 7 2 0	- x xx	xxx xx	2 20 13	99 01 1	— —	0 0 9 1 1	- x x xx	—	—		—	—	—
BALUCHISTAN	Fort Sandeman	000 15	4 23 05	97 01 1	930 90	3 5 7 4 0	- - x 92	000 40	0 30 00	93 06 2	970 79	0 0 9 0 0	- - - 88	- 1	+ 1	4.1	- 0.7	10 0	11
	Hindubagh	000 37	1 00 00	97 01 1	931 88	0 0 9 2 0	7 - x 86	000 40	0 00 00	98 00 0	961 67	0 0 9 0 0	- - - 52	—	—	0.2	—	2.5	—
	Loralai	000 72	0 23 05	96 00 0	957 65	0 0 9 0 0	- - - 89	000 55	0 00 00	96 00 0	920 70	0 0 9 0 0	- - - 69	—	—	1.7	—	8 1	—
	Harnai (a)	000 xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - xx	000 xx	0 27 01	98 00 0	— —	0 0 9 0 0	- - - xx	-	—	2.0	- 5.1	10.6	14
	Sibi	000 71	0 12 05	99 00 0	499 04	0 0 9 0 0	- - - 06	000 57	0 00 00	98 00 0	855 84	0 0 9 0 0	- - - 79	—	—	2.2	—	3.2	5
	Quetta †	000 38	0 02 02	98 00 0	941 85	0 0 9 0 2	- x x 85	000 48	0 00 00	98 00 0	855 60	0 0 9 0 0	- - - 47	—	—	0.8	- 0.3	0.2	8
	Chaman	000 78	0 23 05	97 00 0	032 87	0 0 9 0 0	- - - 88	000 54	0 11 02	97 00 0	963 76	0 0 9 0 0	- - - 92	- 4	- 1	0	- 0.1	9.0	8
	Nushki	000 52	0 27 10	97 00 0	012 96	0 0 9 0 0	- - - 94	000 45	0 00 00	96 00 0	012 78	0 0 9 0 0	- - - 72	—	—	0	—	6.4	
	Dalbandin *	000 42	0 23 07	94 00 0	939 97	0 0 9 0 0	- - - 98	000 33	0 31 02	96 00 0	052 40	0 0 9 0 0	- - - 80	- 8	- 4	0	- 0.3	1.8	4
	Nokkundi	000 55	0 34 09	99 00 0	998 07	0 0 9 0 0	- - - 99	000 40	0 00 00	99 00 0	046 80	0 0 9 0 0	- - - 68	—	—	0	—	0.9	2
	Kalat †	000 40	0 30 05	93 00 0	130 79	0 0 9 0 0	- - - 82	000 35	0 18 05	98 00 0	978 54	0 0 9 0 0	- - - 50	- 1	+ 1	0.8	0.4	9.7	7
	Turbat	000 52	0 20 07	97 00 0	021 88	0 0 9 0 0	- - - 09							—					—
	Panjgur *																		5
	Las Bela																		8
	Ormara							000 78	3 25 08	97 01 1	064 80	5 5 8 0 0	- - - 79		—	0.8	- 0.5	3.0	5
	Pasni	000 75	0 23 16	97 00 0	028 84	0 0 9 0 0	- - - 87	000 71	5 09 03	94 02 1	071 79	0 4 5 0 0	- - - 75	- 3	+ 2	0.5	- 0 1	4.8	6
	Jiwani																		4
SIND	Roti	000 50	3 09 02	98 00 0	012 02	0 0 9 0 0	- - - 04	000 74	0 00 00	96 00 0	052 84	0 0 9 0 0	- - 74	—	—	1.7	—	2.2	—
	Jacobabad	000 52	0 18 09	97 00 0	013 00	0 0 9 0 0	- - - 01	000 68	0 36 05	98 00 0	050 81	0 0 9 0 0	- - - 80	- 2	+ 2	0.2	1.0	0.7	4
	Sukkur	000 71	0 xx xx	98 00 0	011 01	0 0 9 0 0	- - - 03	000 66	0 xx xx	98 00 0	047 82	0 0 9 0 0	- - - 78	—	—	0.5	—	1.0	4
	Pad Idan	000 50	0 00 00	99 00 0	007 02	0 0 9 0 0	- - - 03	000 74	0 13 08	99 00 0	048 78	0 0 9 0 0	- - - 75	—	—	0.8	—	0.9	
	Karachi (Manora)	000 77	0 35 09	97 02 2	034 84	0 8 4 0 0	- - - 80	000 73	3 27 08	96 01 1	062 80	3 8 4 0 0	- - - 78	+ 1	+ 1	1.6	- 4.3	1 6	8
	Karachi (A. P.)	000 75	1 35 12	98 02 1	032 86	1 6 4 0 0	- - - 80	000 74	1 27 07	98 02 1	066 80	1 8 4 0 0	- - - 78	—	—	2.9	—	2.0	
	Badin	000 75	0 18 06	98 00 0	028 91	0 0 9 0 0	- - - 05	000 75	6 18 07	98 00 0	063 81	6 5 7 0 0	- - - 72	0	+ 2	7.0	- 0.1	7.8	8
	Nagarparkar																		
	Chhor (Umarkot)	000 40	0 00 00	97 00 0	009 97	0 0 9 0 0	- x - 80	000 77	0 28 07	97 00 0	055 88	0 0 9 0 0	- - - 77	—	—	2.1	—	2.1	—
	Hyderabad	000 52	0 05 02	97 00 0	008 02	10 0 9 0 0	- - - 04	000 71	0 22 02	97 00 0	047 80	0 0 9 0 0	- - - 75	+ 7	- 2	1.8	- 3.0	2.0	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul	000 43	3 34 02	98 02 9	071 83	1 2 3 4 1	- x x 88							—					12
	Jalalabad	000 82	3 18 02	94 01 0	988 93	0 0 0 7 0	- - x 05	000 64	1 00 00	97 01 1	994 09	0 0 9 0 1	- x - 65	—	—	0.6	—	0.0	—
	Kandahar	000 78	0 00 00	98 00 0	990 00	0 0 9 0 0	- - - 84							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 12TH SEPTEMBER, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1D_sD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR $T_sT_dT_d$	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1D_sD_MT_xT_n$	Departure from Normal T_s	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
Iran	Charbar	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	4
	Jask	-	-	-	...	-	-	-	-	-	-	-	-	-	-		-	-	-	5
	Mashed	...	...	...	...	...	...	...	...	...	...	...	...	-	-		-	-	-	12
	Bushire	...	...	-	-	...	...	...	...	...	...	...	...	-	-		-	-	-	11
Arabia	Muscat	890 81	0 09 02	97 00 0	030 86	8 0 9 0 0	- - - 07	888 82	0 09 09	97 00 0	054 85	0 0 9 0 0	- - - xx	+ 7	—		-	0.1	3.8a	4
	Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	-	-		-	-	-	4
	Kuwait	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	6

* Barometer readings reduced to ℓ geodynamic Kilometre 3,350-3,356 feet according to latitude.
† Barometer readings reduced to ℓ geodynamic Kilometre 6,699-6,718 feet according to latitude.
†† Barometer readings reduced to ℓ 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 $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shwedagon	22 231	027 06	3 24 18	98 01 2	081 ××	82 4 60	—	—	—	—
Barcura	22 241	037 06	0 20 09	98 02 1	103 82	62 6.00	2 4 320	—	0 05 76	—
Drenta	22 184	706 06	6 27 16	98 02 8	108 82	21 4 46	7 6 004	—	0 09 77	1 25 22
Corfu	22 127	747 06	5 13 06	98 01 6	126 79	53 × 65	4 6 105	—	0 52 78	—
Jalazad	22 177	670 06	4 25 13	81 01 1	094 88	82 7 28	6 5 101	—	0 01 80	—
Corfu	22 148	740 00	3 24 07	98 02 1	099 81	31 v 00	4 6 005	—	0 01 75	—
Bharatraja	22 172	759 06	3 27 09	97 02 1	101 84	22 6 5×	—	—	—	—
Jalazad	22 176	648 12	1 24 16	96 01 1	099 81	11 6 60	5 5 101	—	0 ×× ××	1 24 ××
Drente	22 169	697 12	2 29 11	97 15 0	071 82	23 2 00	7 6 004	—	0 10 79	1 25 22
Shwedagon	22 235	619 12	2 23 18	97 01 1	063 ××	22 6 00	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION | TEMP CODE :— iiiGG PoPoPoToTo TdoTdoTxoXiXi 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	760 15	001 26	239 60	854 78	221 28	700 22	105 36	509 18	549 90	301 95	759 97	555 58	769 50	232 19	259 22	261 81	219 00	251 63	656 00	190 58	446 00	154 21	494 00	619 94	518 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 (Hdddff)*

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
Bagra	—	—	—	—	—	—	—	—	—	—	12 15	15 17	17 18	18 17	—	—	18 18	—	—	—	—	—	—	—
Chhor	16 13	20 09	20 13	—	—	—	—	—	—	—	—	—	—	—	—	—	23 15	23 07	13 07	13 06	09 07	06 20	05 00	24 10
Chittagong	17 28	17 27	17 27	—	—	—	—	—	—	—	16 28	17 23	17 18	—	—	—	15 19	15 24	17 28	—	—	—	—	—
Ooi's Bazar	16 19	15 25	16 27	17 30	—	—	—	—	—	—	17 22	17 22	17 21	18 20	—	—	15 11	16 19	16 22	—	—	—	—	—
Dacca	16 18	—	—	—	—	—	—	—	—	—	16 16	17 19	18 18	19 17	19 20	—	15 10	18 17	—	—	—	—	—	—
Dalbandin	—	—	25 06	29 07	27 09	28 09	27 12	28 18	27 17	—	—	—	07 15	06 09	35 04	19 05	—	—	07 01	01 05	05 04	26 01	28 17	31 18
Drosh	—	—	—	—	28 10	18 06	20 04	19 08	21 18	—	—	—	—	—	—	—	—	—	—	—	00 01	24 08	25 09	21 18
Fort Sandeman	—	—	—	30 02	25 06	25 04	17 07	25 16	24 25	—	—	—	—	25 08	28 04	24 11	—	—	—	16 01	02 07	21 10	23 04	12 06
Sacebabac	16 10	15 10	16 08	17 10	15 05	16 09	09 09	21 10	29 30	—	15 02	20 15	21 11	21 07	14 06	19 19	16 11	18 04	19 09	19 08	24 04	26 06	25 09	15 08
Jhelum	17 07	17 09	17 02	32 08	30 05	31 10	28 04	22 14	21 27	—	—	—	—	—	—	—	24 04	13 08	14 08	26 06	31 07	30 14	26 17	27 15
Piwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 20	20 14	24 17	35 15	31 19	26 06	26 13	28 12	24 17	—	25 23	25 16	27 14	26 05	02 08	26 14	25 17	26 15	23 10	26 09	01 07	26 12	23 18
Khanpur	24 10	21 06	29 06	19 07	17 07	12 07	09 09	22 20	—	—	18 20	20 15	20 09	20 08	10 07	—	25 17	28 14	28 13	25 09	19 06	05 18	27 06	—
Lahore	09 02	09 08	26 12	23 04	23 11	25 11	21 09	2 11	—	—	07 05	14 04	15 04	28 03	19 04	26 09	12 09	17 09	18 07	21 02	21 12	25 12	27 06	25 19
Multan	25 04	24 05	26 20	24 14	24 15	22 04	15 06	22 13	—	—	—	—	—	—	—	—	22 19	27 14	26 13	25 09	25 08	06 18	06 18	—
Pesnawar	—	11 02	17 04	21 06	24 06	28 05	29 00	27 12	24 24	23 44	—	01 07	04 02	06 02	22 07	24 15	—	23 04	28 02	29 02	19 05	23 09	17 24	25 09
Quetta	—	—	—	—	26 09	25 06	21 09	26 24	25 46	—	—	—	—	—	23 04	21 07	—	—	—	—	14 19	27 07	24 09	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v,)

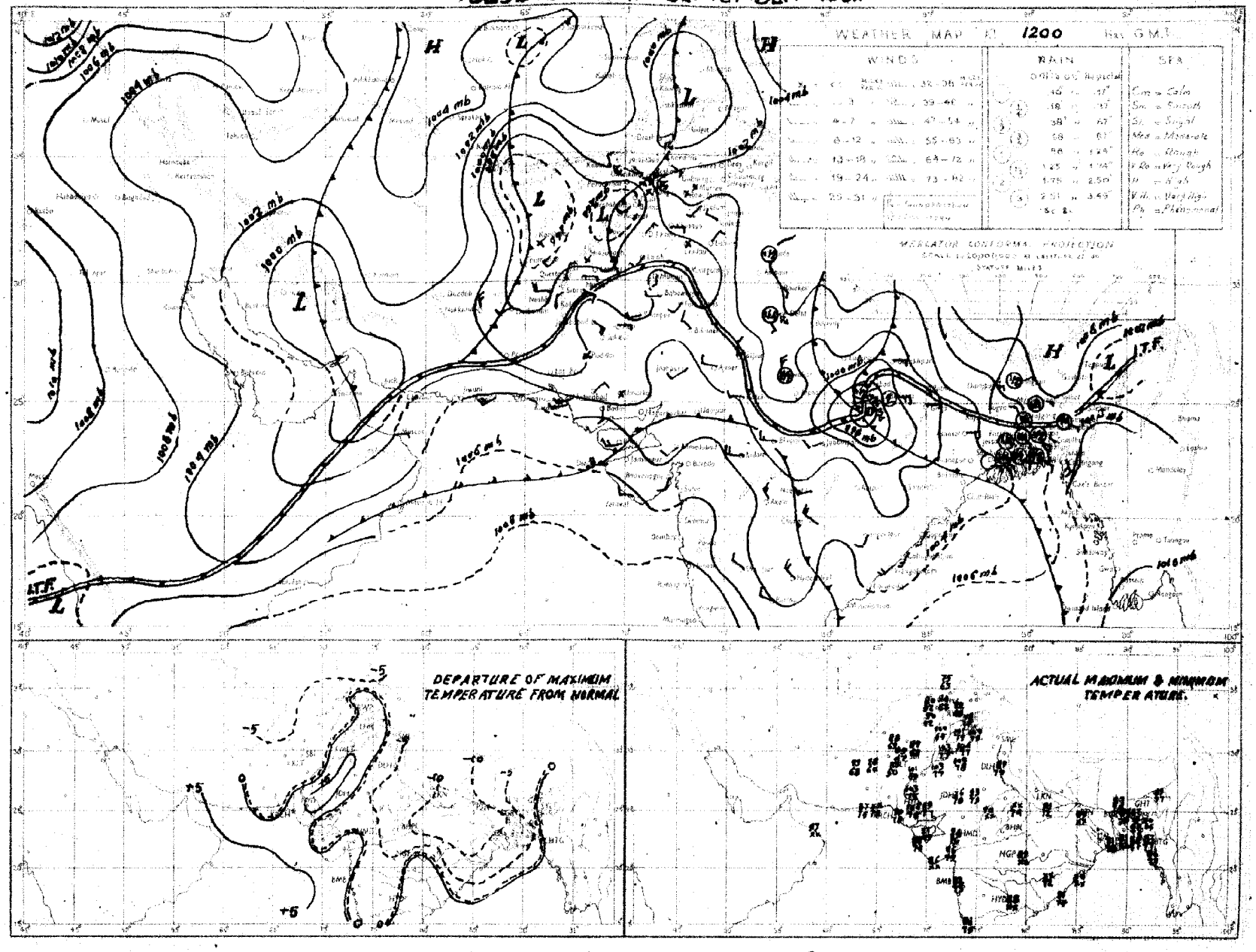
Lahore 84009 484×× Jhelum 89698 48119

* 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 inds relate are 0.5, 0.6, 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. F. W.

PAKISTAN DAILY WEATHER MAP

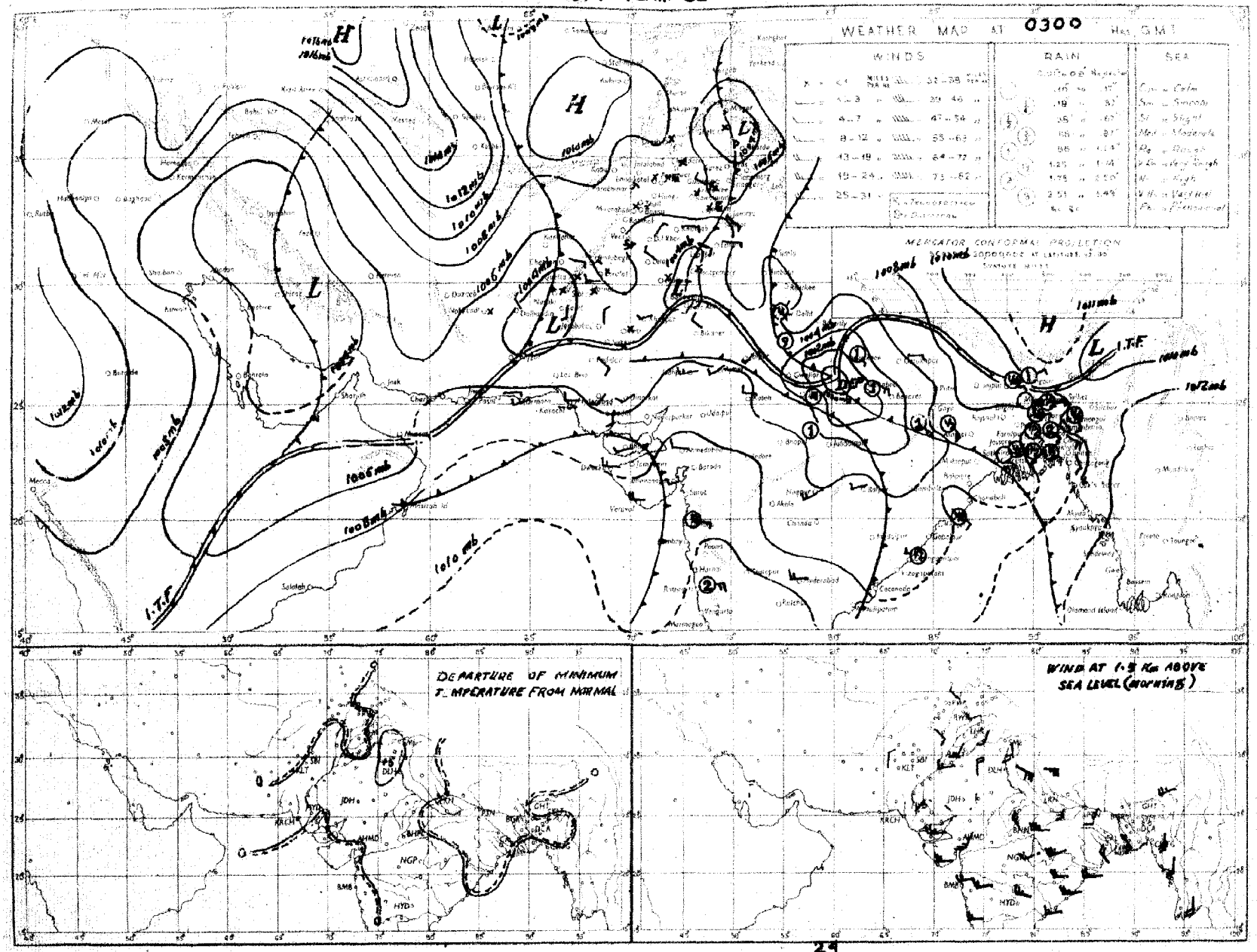
TUESDAY 11th. SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 12th SEPTEMBER 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 13TH SEPTEMBER, 1951

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

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

The depression in the neighbourhood of Kanpur is centred at 0300 G. M. T. today in the neighbourhood of Agra. It is likely to move northwestwards.

Data from East Pakistan is scanty.

Loal rain has occurred in East Pakistan and scattered thunderstorms in the north Punjab and the North-West Frontier Province.

Chief amounts of rainfall are :—Barisal and Dinajpur ½" each and Khulna and Jessore ¼" each.

Day temperatures were generally appreciably above normal in the south Punjab and lower Sind and generally appreciably below normal in Baluchistan.

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

Karachi-11.
The 13th September, 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	000 77	2 18 05	94 01 1	076 73	2 2 6 0 0	- - - 89	007 80	4 18 02	97 02 5	xxx 84	4 2 6 0 0	- - - 77	+ 2	+ 1	90.0	12 2	99.4	140
	Chittagong	000 77	6 16 09	97 02 1	066 83	3 1 6 7 8	- - - 87	008 69	7 16 09	96 60 1	108 80	6 8 6 7 0	- - x 77	0	0	79.7	+ 8.3	109.4	108
	Comilla	000 74	6 13 09	98 03 1	053 83	2 4 7 0 4	- - - 82	000 77	8 19 05	98 03 1	073 81	8 4 7 0 0	- - 78	- 6	+ 1	86.5	+29.3	93.0	115
	Brahmanbaria							000 77	8 18 02	97 08 1	090 83	8 4 4 0 2	0 4 x 78		—	45.7	+ 2 7	66.6	84
	Dacca	xxx 77	6 18 03	97 02 1	050 84	2 8 4 0 2	- - - 87	xxx 79	6 20 02	96 62 2	082 82	4 6 4 2 0	- - 79		—				78
	Narayanganj	000 78	5 16 03	93 02 2	053 85	4 4 5 0 2	- - - 89	004 76	8 15 03	94 03 6	084 84	6 5 5 2	x 79	0		56.1	+12.8	75.1	74
	Mymensingh	000 81	0 00 00	99 00 2	056 86	0 0 9 0 0	- - - 88	000 79	8 09 02	98 02 2	087 82	8 4 7 -	- - - 80	0	+ 2	36.6	18.2	46.1	82
	Srimangal	000 78	5 23 02	96 02 6	058 84	2 2 5 0 1	- - - 91	000 60	6 18 02	97 02	095 82	4 8 7 0 1	- x - 73	0	+ 1	54.5	+ 1.4	81.8	89
	Khulna	030 77	2 13 02	98 02 6	055 83	2 8 7 0 0	- - - 89	030 79	4 18 02	97 01 1	087 85	4 8 7 0 0	- - - 81	+ 1	+ 4	40.8	3 6	49.4	65
	Satkhira	012 82	6 13 03	97 02 6	038 82	4 9 7 6 0	- - - 89							0					49
	Jessore	020 78	6 18 02	96 03 6	045 84	6 5 6 0 0	6 0 0 90	025 80	7 18 02	96 03 2	077 81	7 4 6 0 0	- - - 601			29.9	9 3	37.1	64
	Faridpur	002 79	5 18 09	95 02 6	050 84	4 4 6 1 0	- - - 84	002 79	8 16 09	97 02 1	091 82	6 5 6 1 0	- - - 79	- 4	0	42.1	- 0.1	48.4	72
	Barisal	010 77	6 16 05	97 02 6	056 83	3 4 6 4 7	- - - 85	086 78	8 13 02	96 62 9	090 79	5 8 5 2 7	- - - 74	- 3	- 5	47.1	- 3.7	57.7	83
	Pabna																		56
	Rampur Boalia																		56
	Sirajganj	000 78	2 00 08	09 01 1	020 85	2 1 7 0 0	- - - 87	000 79	6 00 08	09 01 2	081 85	4 2 7 - -	- - - 82	0	+ 4	45.7	+ 5.7	55.7	64
	Bogra	000 77	3 13 03	96 01 6	043 85	2 1 7 0 1	- - 86	000 73	7 13 02	96 02 6	080 80	4 8 5 2 -	- - x 80	- 1	+ 2	31.8	12 1	38.6	69
	Dinajpur	052 81	2 00 00	97 01 6	054 84	0 0 9 1 0	9 0 2 89	062 51	6 00 00	97 02 2	085 86	0 0 9 4 0	- - x 81	0	+ 8	36 2	10 5	42.6	72
	Rangpur	002 xx	3 00 02	97 02 5	--- —	3 5 8 0 0	—	002 xx	8 00 00	96 02 1	— —	8 5 8 0 0	- - - —	—	—	61 7	+ 7.4	71.0	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 76	2 09 02	96 01 0	008 93	0 0 9 4 0	- - - 80	000 69	0 13 04	96 00 0	036 79	0 0 9 0 0	- - - 78	+ 2	+ 2	6.9	- 2 8	10.2	12
	Lahore	000 76	4 00 00	96 17 9	016 89	4 9 6 0 0	2 x x 98	000 73	1 13 03	96 00 0	052 83	0 0 9 0 0	- - - 77	0	+ 3	10 6	3.2	24.7	19
	Sialkot	000 71	2 18 02	98 03 1	012 98	1 1 6 4 0	- - - 96							0					33
	Jhelum	000 72	1 00 00	97 02 1	014 95	1 1 7 0 0	- - - 96	000 71	0 13 02	97 00 0	046 83	0 0 9 0 0	- - - 76	—	—	16.5	—	25 8	—
	Rawalpindi	000 64	2 00 00	99 02 1	004 90	2 2 7 0 6	2 x x 92	000 67	0 18 02	98 00 1	048 80	0 0 9 0 0	- - - 73	- 1	+ 8	14.9	7.0	25.7	26
	Murree †	000 58	2 27 08	97 01 1	948 69	2 1 4 0 0	8 x x 71	000 49	0 27 02	97 00 1	962 63	0 0 9 0 0	- - - 56	+ 1	+ 1	21.4	11 5	43.0	30
	Attock	xxx xx	0 00 02	98 00 0	—	0 0 9 0 0	- - - —							—					—
	Khushab	000 78	0 09 05	98 00 9	000 97	0 0 9 0 0	- - - 99	000 73	0 05 02	98 00 0	049 90	0 0 9 0 0	- - - 80	- 1	- 12	3.1	2 9	6.0	15
	Montgomery	000 65	0 00 00	98 00 0	004 03	0 0 9 0 0	- - 05	000 70	0 00 00	96 00 0	041 82	0 0 9 0 0	- - - 77	+ 5	0	3.5	- 4.1	6.1	10
	Leiah	000 81	0 36 02	97 00 0	008 03	0 0 9 0 0	- 04	000 70	0 05 02	97 00 0	036 83	0 0 9 0 0	- - 78	—	—	0.0		6.5	8
	Multan	000 63	0 18 02	97 00 0	002 02	0 0 9 0 0	- - - 05	000 69	0 18 02	96 00 0	041 81	0 0 9 0 0	- - - 78	+ 6	- 1	3 8	- 0.0	6.9	7
	Khanpur	000 59	0 25 05	94 04 0	005 02	0 0 9 0 0	- - - 04	000 69	0 25 09	95 50 0	030 88	0 0 9 0 0	- - - 79	+ 3	+ 4	0.3	4.5	1.9	5
	Bahawalpur	000 59	0 28 02	97 00 0	008 01	0 0 9 0 0	- - - 02							+ 2					6
	Fort Abbas	000 94	0 28 03	96 00 0	598 04	0 0 9 0 0	0 x x 06	000 72	0 23 03	98 00 0	027 84	0 0 9 0 0	- - - 75		—	2.8	—	3.7	5
N. W. F. P.	Drosh *	000 41	5 25 03	98 02 1	025 82	3 9 8 0 1	- - - 87	000 43	0 00 00	99 00 1	071 80	0 0 9 0 0	- - - 64	- 2	- 1	1.7	—	21.0	18
	Chakdara	000 62	0 36 03	99 00 0	0.1 91	0 0 9 0 0	- - - 94	000 55	0 31 02	98 00 0	059 75	0 0 9 0 0	- - - 66	—	—	6 5	—	18.5	—
	Cherat *	000 55	0 05 02	96 00 0	948 83	0 0 9 0 0	- - 85	000 55	0 36 02	97 00 0	959 77	0 0 9 0 0	- - - 65	- 1	- 1	6.0	- 5.3	25.0	20
	Peshawar	000 54	1 05 07	97 02 1	007 94	1 9 7 0 0	1 5 0 96												14
	Parachinar	000 41	3 12 02	96 77 9	— —	1 2 8 8 0	3 x 7 82	000 36	0 00 00	99 00 0	955 66	0 0 9 0 0	9 1 1 57	- 1	- 2	0.2	—	26.7	30
	Miranshah	000 40	0 07 05	98 00 0	957 90	0 0 9 0 0	- - - 92	000 72	0 00 00	99 00 0	948 74	0 0 9 0 0	- - - 71	—	—	3 5	0 5	10.5	15
	Bannu	000 58	0 00 00	99 00 0	— —	0 0 9 0 0	- - - 97	000 73	0 00 00	99 00 0	946 77	0 0 9 0 0	- - - 75	—	—	0.9	—	5.8	11
	D. I. Khan	000 67	5 36 02	96 00 0	007 98	0 0 9 0 0	- - - 00	000 78	0 05 02	96 00 0	058 70	0 0 9 0 0	- - - 76	- 1	- 12	1.1	- 4.7	2.8	9
	Wana																		11
	Landikotal	000 72	2 05 02	99 02 1	959 87	2 3 6 0 0	- - - 90	000 62	0 00 00	99 00 0	952 80	0 0 9 0 0	- - - 63	—	—	2.4	—	12.0	—
	Hangu	xxx xx	0 00 00	97 00 1	— —	0 0 9 0 0	8 x x —							—					—
	Thull	xxx xx	0 13 12	99 00 0	— —	0 0 9 0 0	- - x xx	xxx xx	2 27 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman							000 47	0 30 00	95 05 0	082 71	0 0 9 0 0	- - - 67		0	4.1	- 6.8	10 0	11
	Hindubagh	000 35	0 23 05	97 00 0	933 85	0 0 9 0 0	- - - 87	000 38	0 27 05	98 00 0	971 75	0 0 9 0 0	- - - 57	—	—	0.2	—	3.5	—
	Loralai	000 78	0 09 02	96 00 0	958 88	0 0 9 0 0	- - 89							—					—
	Harnai (a)	000 xx	0 29 05	96 01 1	— —	0 0 9 0 5	4 0 x	000 xx	0 27 02	98 00 0	— —	0 0 9 0 0	- - - xx	-	—	2.0	- 5.2	10.1	14
	Sibi	000 46	3 00 00	96 02 0	997 05	0 0 9 4 0	- - 05	000 55	0 00 00	99 00 0	037 85	0 0 9 0 0	- - - 77	—	—	2.2	—	2.8	5
	Quetta †	000 39	0 24 08	99 00 0	944 89	0 0 9 0 0	- - - 86	000 40	0 26 02	98 00 0	052 68	0 0 9 0 0	- - - 45	—	—	0.8	- 0.2	0.3	8
	Chaman	000 67	0 27 02	97 00 0	937 85	0 0 9 0 0	- - - 90	000 59	0 11 02	97 00 0	966 74	0 0 9 0 0	- - - 66	- 2	+ 2	0	0.1	9.6	8
	Nushki	000 59	0 25 16	97 00 0	996 95	0 0 9 0 0	- - - 97	000 57	0 09 06	96 00 0	018 78	0 0 9 0 0	- - - 72	—	—	0	—	5.4	—
	Dalbandin *	000 43	0 18 02	96 00 0	946 86	0 0 9 0 0	- - - 97	000 85	0 07 02	96 00 0	054 69	0 0 9 0 0	- - - 58	- 4	- 6	0	- 0.3	1.8	4
	Nokkundi	000 68	0 34 09	99 00 0	993 00	0 0 9 0 0	- - - 02	000 53	2 00 00	99 03 0	058 76	0 0 9 0 1	- x - 70	—	—	0	—	0.9	2
	Kalat †	000 50	0 36 05	98 00 0	952 81	0 0 9 0 0	- - - 88	000 40	0 18 05	98 00 0	978 60	0 0 9 0 0	- - - 51	- 1	+ 2	0.8	0.4	9.7	7
	Turbat	000 50	0 30 05	98 00 0	xxx 81	0 0 9 0 0	- - - 83							- 1					—
	Panjgur *																		5
	Las Bela							000 75	0 00 00	99 00 0	055 79	0 0 9 0 0	- - - 74		—	1.6	—	1.7	6
	Ormara																		6
	Pasni	006 75	0 23 00	98 00 0	034 85	0 0 9 0 0	- - - 88							- 2					6
	Jiwani																		4
SIND	Keti	000 77	0 31 07	96 00 0	023 02	0 0 9 0 0	- - - 05	000 80	0 18 05	96 00 0	049 84	0 0 9 0 0	- - - 75	—	—	1.7	—	2.2	—
	Jacobabad	000 54	0 13 03	97 00 0	014 01	0 0 9 0 0	- - - 03	000 68	0 31 03	98 00 0	038 82	0 0 9 0 0	- - - 78	0	0	0.2	3.0	0.7	4
	Sukkur	000 80	0 xx xx	96 00 0	012 99	0 0 9 0 0	- - - 00	000 69	0 xx xx	96 00 0	037 88	0 0 9 0 0	- - - 80	—	—	0.5	—	1.0	4
	Pad Idan	000 66	0 00 00	98 00 0	011 03	0 0 9 0 0	- - - 08	000 75	0 13 05	98 00 0	036 81	0 0 9 0 0	- - - 77	—	—	0.8	—	0.9	—
	Karachi (Manora)	000 77	0 23 09	97 00 0	028 84	0 0 9 0 0	- - - 86	000 76	6 27 05	96 02 2	067 80	6 6 4 0 0	- - - 78	+ 1	+ 1	1.5	- 4.3	1.6	3
	Karachi (A. F.)	000 76	1 25 12	97 02 1	028 88	1 1 6 0 0	- - - 91	000 74	6 28 07	96 02 1	067 81	6 6 5 0 0	- - - 78	—	—	2.9		3.9	
	Badin	000 75	3 00 00	96 00 0	020 91	3 9 7 0 0	- - - 90	000 77	5 23 07	97 00 0	068 80	5 5 7 0 0	- - - 77	+ 5	+ 1	7.0	- 0.1	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 79	5 00 00	97 00 0	015 98	0 0 9 0 5	- - - 00	000 77	0 23 07	97 00 0	052 81	0 0 9 0 0	- - - 78	—	—	2.1	—	2.1	—
	Hyderabad	000 85	0 23 03	97 00 0	020 00	0 0 9 0 0	- - - 02	000 78	0 23 03	97 00 0	046 70	0 0 9 0 0	- - - 77	+ 5	0·1	1.8	- 3 0	3.0	7
JUNAGADH	Veraval																		25
AFGHANISTAN	Kabul																		12
	Jalalabad																		—
	Kandahar	000 71	0 00 00	98 00 0	000 91	0 0 9 0 0	- - - 94							—					—

See footnote on page 2

P. T. O]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 13TH SEPTEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_hC_tnC_MC_H$	$W_1D_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_rT_r	N dd ff	VVwwW	PPP TT	$N_hC_tnC_MC_H$	$W_1D_HD_MT_nT_n$	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	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Iran	Charbar	-	-	-	-	.		-	-	-	-	-		-	-	-	-	-	1
	Jask	-	-	-	-	.		-	-	-	-	-		-	-	-	-	-	1
	Mashec	-	---	-	-			-	-	-	-	-		-	-	-	-	-	10
	Bushire			-	-									-	-				11
Arabia	Muscat	000 81	0 09 82	97 00 0	025 87	0 0 0 0 0	- - - 88	000 88	0 09 02	96 80 0	054 86	0 0 0 0 0	- - - xx	- 2	+ 6	0	0.1	3.3	4
	Shariab	-												-	-				4
	Kuwait	000 xx	0 81 00	97 00 0	010 80	0 0 0 0 0	- - - 81	000 xx	0 87 07	97 00 0	051 92	0 0 0 0 0	- - - 85	---	---	0	---	0.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (2,350-2,356 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 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.
Wherever 000 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sv_sapp	$sN_sCh_ah_a$	O $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jakarad ...	48 184	624 06	6 29 18	96 02 1	072 81	62 7 00	5 5 200	8 x xxx	0 51 76	3 28 21
Jalavad ...	48 184	611 12	4 24 18	96 05 1	076 83	43 6 00	5 4 200	—	—	—
Modocra —	48 123	749 18	3 19 08	98 01 0	118 82	22 5 02	4 5 xxx	—	0 09 75	1 26 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	001 29 201 60	000 11	281 92	854 81	250 73	700 33	160 11	509 45	029 94	555 58	229 09	271 37	669 06	229 54	466 09	085 57	094 73	009 80	884 00	569 94			

FPPP—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
Bogra —	16 15	16 16	16 15	15 15	16 15						17 15	18 21	19 21	—	—	—	15 10	—	—	—	—	—	—	—
Dhno —	15 04	15 07	15 08	07 09	10 17	11 27	—	—	—	—				—	—	—	24 10	20 10	20 17	13 07	09 17	07 15	07 16	—
Chittagong ...	23 19	15 17	—	—	—	—	—	—	—	—	16 19	16 20	17 25	—	—	—	17 26	25 19	—	—	—	—	—	—
Dhi's Bazar —	17 26	16 22	07 26	17 17	17 17	17 11	—	—	—	—	17 26	19 15	16 21	10 17	—	—	17 18	15 19	19 22	—	—	—	—	—
Dacca —	16 26	16 18	16 15	—	—	—	—	—	—	—	18 17	19 18	20 18	20 18	—	—	16 15	19 19	—	—	—	—	—	—
Dalbandin —	—	—	13 05	00 04	25 03	25 05	25 15	24 19	23 23	23 27	—	—	07 08	03 12	25 07	—	—	—	09 24	05 05	02 06	25 05	24 20	—
Drosr —	—	—	—	—	—	—	—	—	—	—	—	—	—	calm	21 01	25 08	—	—	—	—	00 06	25 15	24 04	24 02
Fort Sandeman —	—	—	—	23 02	25 04	24 05	21 26	—	—	—	—	—	—	04 01	23 19	23 19	—	—	—	25 02	24 25	23 17	23 07	—
Hyderabad —	27 04	23 03	23 05	20 06	22 05	22 02	04 10	04 08	23 11	20 21	20 17	21 14	21 13	21 09	21 08	21 07	25 19	23 19	23 20	23 07	25 07	26 06	23 04	—
Jhelum —	16 08	16 04	17 04	23 04	21 08	21 15	20 18	27 21	—	—	15 16	16 05	25 02	26 06	21 11	26 10	12 09	14 12	14 07	16 03	—	—	—	—
Jiwani —																								
Karachi —	25 15	20 13	01 11	01 13	01 12	02 15	21 12	25 18	25 18	25 04	25 10	27 11	27 03	—	—	—	26 16	20 14	—	—	—	—	—	—
Khanpur —	27 07	06 05	28 07	25 06	04 04	04 04	17 08	22 16	24 22	24 27	23 11	25 06	25 06	20 04	25 05	24 14	25 22	25 24	27 21	20 13	25 06	24 07	—	—
Lahore —	11 04	11 02	11 04	05 02	13 09	22 18	—	—	—	—	12 09	16 09	03 05	21 11	20 13	20 11	17 06	19 13	16 07	05 04	24 06	23 13	23 10	20 12
Multan —	23 10	22 07	21 09	20 05	24 07	25 09	03 07	25 08	—	—	25 15	22 13	24 10	23 06	16 04	19 04	15 07	11 06	10 07	06 04	23 08	20 05	23 10	20 14
Peshawar —	—	12 04	16 08	20 04	20 06	20 09	20 08	25 15	25 25	23 46	—	—	—	—	—	—	—	24 09	22 05	22 08	22 13	21 12	19 05	03 07
Quetta —															21 11	25 06					25 05	23 06	—	—
Bushire —																								
Sharjah —																								

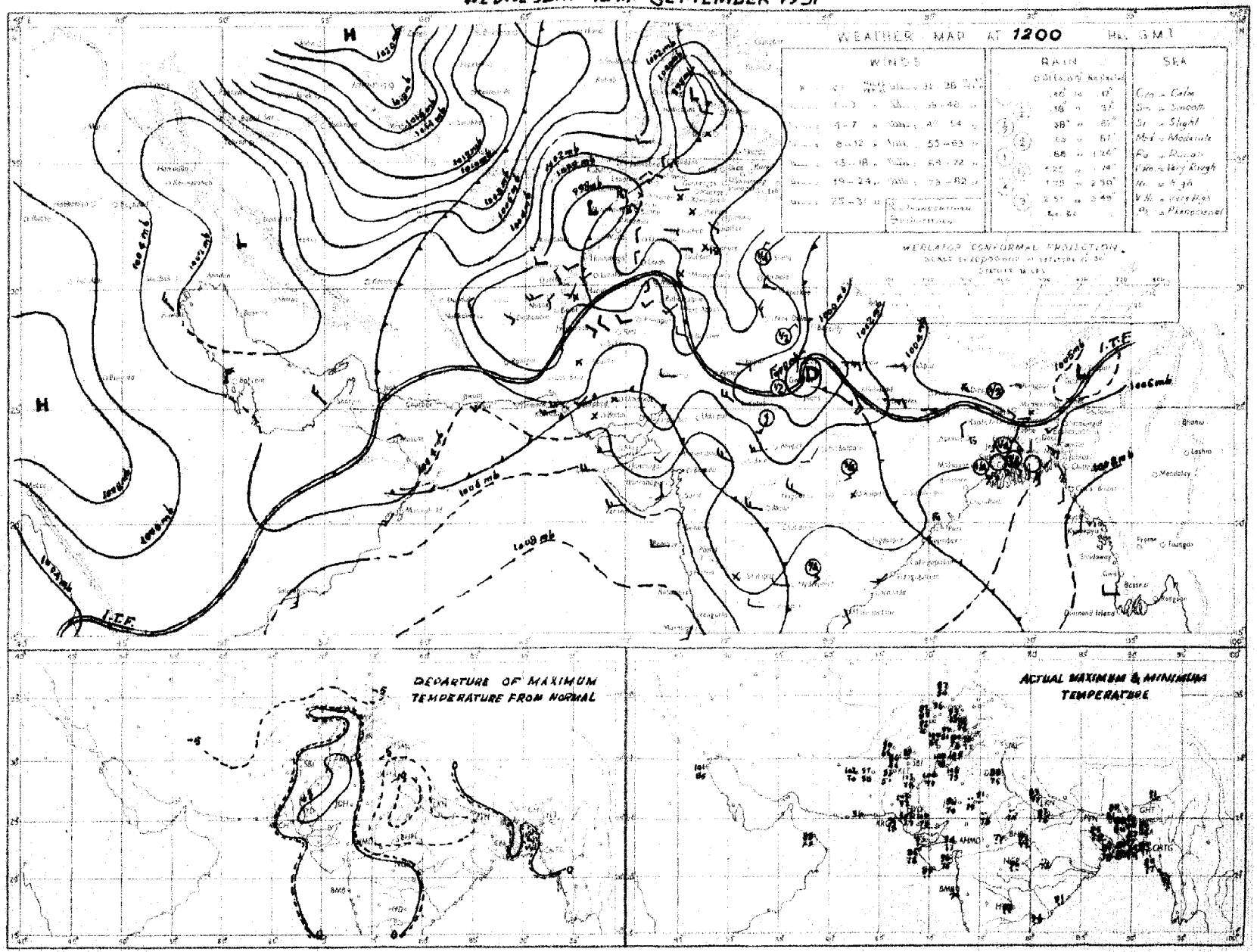
Cloud Observation Data (iiiGG Cddv, v,)

* 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 one 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 9.0, 7.5, and 9.0 km. The levels given at the head of the columns are the nearest equivalent levels in hundreds

N. P. W.

PAKISTAN DAILY WEATHER MAP

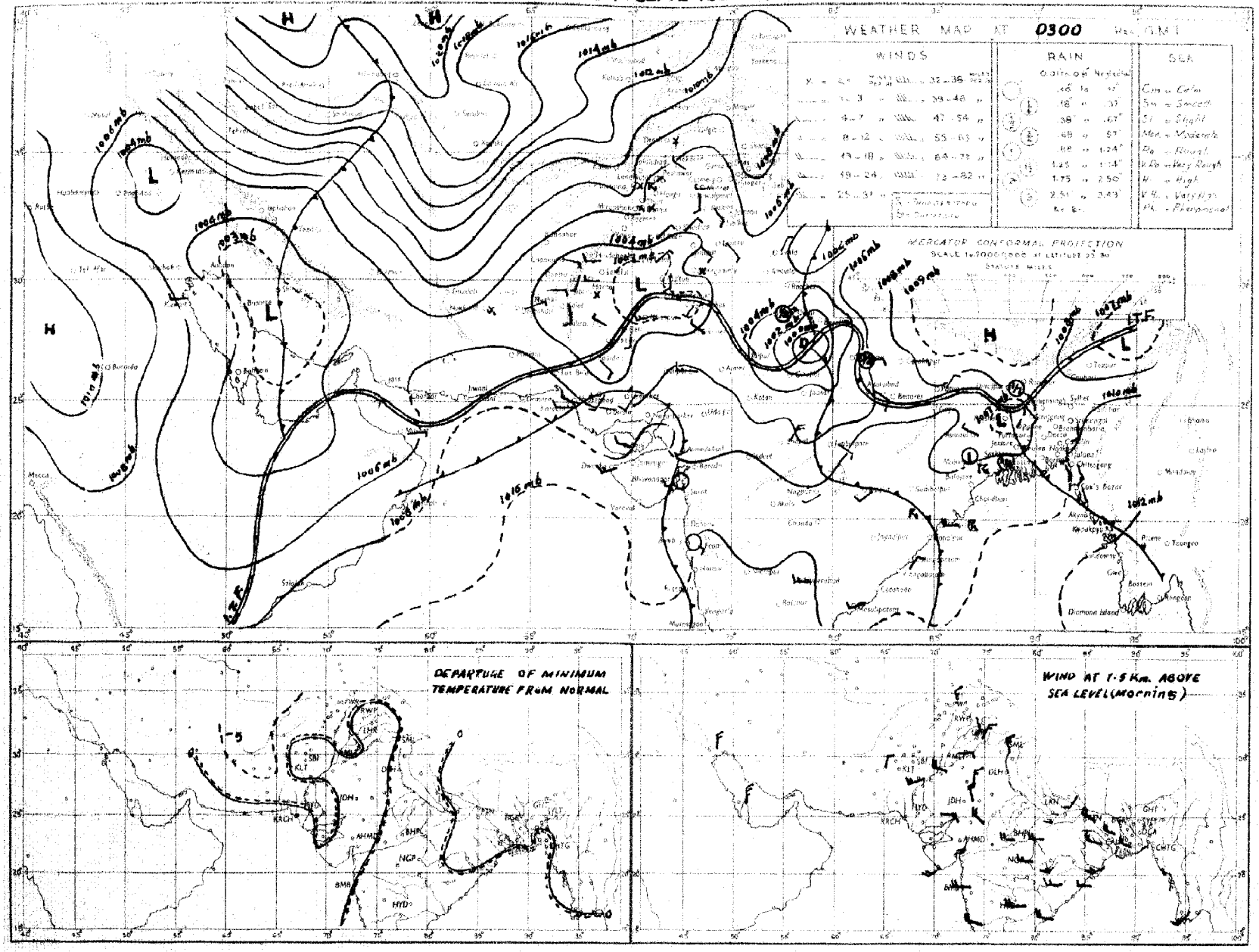
WEDNESDAY 12th: SEPTEMBER 1951



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 13th: SEPTEMBER 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 FRIDAY, THE 14TH SEPTEMBER, 1951

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

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

Yesterday's depression in the neighbourhood of Agra moved northnorthwestwards and is filling up over northwest United Provinces. A western disturbance is moving eastwards across north Iraq. Fairly widespread rain and scattered thunderstorms have occurred in East Pakistan.

Chief amounts of rainfall are :—Comilla and Rangpur 2" each, Satkhira 1", Dinajpur ½", and Mymensingh, Faridpur and Sirajganj ½" each.

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

Forecast valid until the evening of 15th :—Thunderstorms/showers will be local in East Pakistan and scattered in the north Punjab, the upper North-West Frontier Province and Kashmir.

Karachi-11.
The 14th September, 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	WiDsDmTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WiDsDmTnTn	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	002 77	2 18 02	95 01 5	085 84	2 2 6 0 0	- - - 89	008 78	1 00 00	97 01 5	121 88	1 1 6 0 0	- - - 76	+ 2	0	90 1	- 12.5	89.7	140
	Chittagong	000 76	5 20 09	97 02 1	071 83	3 2 6 7 0	- - - 87	007 77	7 16 02	96 50 6	118 88	7 3 6 0 0	- - - 77	0	0	79.7	+ 6.0	109.5	108
	Comilla	100 79	6 18 09	96 02 6	061 83	6 4 7 0 0	- - - 81	240 77	8 23 09	95 03 6	114 82	8 5 7 0 0	8 0 0 78	- 6	+ 1	88.9	+ 31.2	95.4	115
	Brahmanbaria	000 79	6 18 02	97 03 0	059 82	6 4 5 0 0	- - - 87	000 79	5 18 05	97 03 1	104 85	5 4 4 0 0	- - - 80	—	—	45 7	+ 2 4	55 6	94
	Dacca	xxx 78	4 23 02	96 01 6	053 82	2 8 4 5 0	- - - 89	xxx 79	9 20 05	98 02 2	096 84	7 5 4 0 1	- - - 79		—	—		—	78
	Narayanganj	000 79	7 18 08	94 02 2	057 84	7 4 5	- - - 90	000 79	7 16 02	95 03 2	094 86	7 5 5 -	- - 80	+ 1	+ 1	56.1	+ 12.4	75.1	74
	Mymensingh	032 78	5 00 00	98 02 6	046 84	8 4 7	- - - 87	022 79	8 09 02	99 02 6	215 88	8 4 7 -	- - - 80	- 1	+ 2	87 2	18 5	45.4	91
	Srimangal	007 78	7 18 02	95 02 6	064 81	5 6 6 3 0	- - - 86	007 78	6 18 02	97 02 1	104 81	4 9 6 0 1	- - - 77	- 5	+ 2	54.5	+ 1.1	81.0	98
	Khulna	000 76	4 18 02	97 01 1	066 85	4 8 7 0 0	- - - 86	000 79	4 23 03	97 01 1	110 87	4 8 7 0 0	- - - 79	0	+ 2	40.8	3.7	49.4	68
	Satkhira	081 77	6 13 02	97 02 6	xxx xx	4 4 7 6 0	- - - 87	081 81	6 13 02	97 02 1	082 82	5 4 6 6 0	- - - 79	- 2	+ 2	27 8	13.9	26.4	65
	Jessore	000 77	3 20 03	97 02 1	055 86	3 5 9 0 0	- - - 91	000 79	5 23 09	96 02 2	093 87	4 8 6 5 0	0 x 0 80		—	29 9	9.6	37 1	60
	Faridpur	027 78	3 16 02	97 02 6	054 82	2 5 6 1 0	- - - 82	027 80	7 18 00	97 02 1	101 84	6 4 6 1 0	- - 79	- 6	0	42.2	- 0.1	48.7	71
	Barisal	014 78	3 20 03	98 01 6	062 83	1 1 6 5 1	- - - 87	014 81	6 20 03	98 02 1	109 87	4 8 6 0 6	- - - 79	1		47 2	3.8	57 9	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	025 80	5 00 00	95 03 2	048 88	5 2 7 0 0	- - - 88	025 79	8 19 02	93 02 2	090 83	8 2 7 - -	- - - 78	+ 1	0	45.9	+ 5.7	55 9	54
	Bogra							007 77	7 23 03	96 02 9	090 81	8 6 4 7 -	- - - 80		+ 2	31.8	2.5	34.7	69
	Dinajpur	015 79	5 00 00	97 01 6	050 84	0 0 9 1 0	9 2 0 89	047 79	7 00 00	97 02 2	097 85	0 0 9 4 0	- - 78	0	0	58 7	10.5	48.0	72
	Rangpur	000 xx	8 11 02	96 02 1	xxx xx	8 5 8 0 0	x x x xx	169 xx	8 00 00	96 02 6	— —	8 5 8 0 0	- - - —		—	68.2	+ 8.6	72 0	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 67	4 00 00	96 01 0	001 99	0 0 9 5 0	0 0 2 01	000 67	0 18 04	96 00 0	026 81	0 0 9 0 0	- - - 78	+ 3	+ 2	5.9	2 9	10 2	12
	Lahore	000 66	1 08 08	98 01 1	011 98	1 2 6 0 0	8 x x 00	000 72	0 18 02	96 00 0	053 83	0 0 9 0 0	- - - 77	+ 2	+ 3	10.8	3.2	14.7	19
	Sialkot	000 48	3 33 08	97 02 1	007 95	2 1 6 0 0	- - - 97	000 62	1 13 02	97 02 1	049 85	0 0 9 4 0	- - - 77	+ 1	+ 2	13.8	8.3	16.7	32
	Jhelum	000 70	1 27 02	97 08 1	095 96	1 1 6 0 0	97	000 70	0 00 00	96 00 1	048 86	0 0 9 0 0	- - - 78	—		16.6		26 8	—
	Rawalpindi	000 66	2 00 00	99 02 1	992 93	2 2 7 0 0	4 x x 95	000 72	0 00 00	99 00 0	040 82	0 0 9 0 0	- - 72	+ 1	+ 2	14.9	7 2	26.7	34
	Murree †	000 54	2 00 00	97 01 1	950 67	3 1 4 0 0	5 x x 72	000 53	0 00 00	97 00 1	961 65	0 0 9 0 0	0 x x 56	+ 2	+ 1	21.4	11.7	43.0	59
	Attock	xxx xx	0 13 05	98 00 0	—	0 0 9 0 0	. . —	xxx xx	0 34 05	98 00 0	xxx xx	0 0 9 0 0	x x x xx	—		—	—	—	
	Khushab	000 71	0 00 08	98 00 0	006 97	0 0 9 0 0	- - - 99	000 74	0 05 05	98 00 0	037 85	0 0 9 0 0	- - - 76	- 1	0	3.1	- 6.5	8.9	15
	Montgomery	000 63	0 00 00	97 00 0	009 00	0 0 9 0 0	- - 03	000 67	0 27 03	96 00 0	041 82	0 0 9 0 0	- - - 77	+ 3	0	2.5	- 4.2	6.1	10
	Leiah	000 89	0 23 02	97 00 0	009 03	0 0 9 0 0	- 03	000 72	0 23 03	97 00 0	029 83	0 0 9 0 0	- - - 78	—	—	0.9		6 5	8
	Multan	000 62	0 00 00	97 00 0	000 05	0 0 9 0 0	- - 06	000 66	0 00 00	97 00 0	030 83	0 0 9 0 0	- - - 78	+ 7	- 1	3.8	- 0 9	6 9	7
	Khanpur	000 60	0 25 05	95 05 0	998 01	0 0 9 0 0	- - - 03	000 72	0 25 07	95 05 0	035 82	0 0 9 0 0	- - - 77	+ 4	+ 2	0.2	4 5	1 9	5
	Bahawalpur	000 64	0 00 00	97 00 0	999 05	0 0 9 0 0	- - - 05	000 71	0 20 12	97 00 0	035 83	0 0 9 0 0	- - - 76	+ 5	+ 2	1.9	2 8	5.0	6
	Fort Abbas	000 95	0 23 08	96 00 0	002 05	0 0 9 0 0	0 x x 07	000 72	0 23 03	96 00 0	047 84	0 0 9 0 0	- - - 75		—	2.8		3.7	5
N. W. F. P.	Drosh *	000 25	1 25 08	99 01 1	898 91	1 1 7 0 0	6 x x 94	000 40	0 00 00	99 00 0	948 67	0 0 9 0 0	- - - 66	+ 5	+ 1	1.7		21 9	18
	Chakdara	000 64	0 18 02	99 00 0	956 95	0 0 9 0 0	- - - 96	000 83	0 00 00	98 00 0	047 75	0 0 9 0 0	- - - 68		—	6.5	—	18 8	—
	Cherat *	000 41	0 31 04	97 00 0	939 85	0 0 9 0 0	- - - 88	000 59	0 31 05	97 00 0	958 72	0 0 9 0 0	- - - 71	+ 3	+ 5	0.0	- 5 4	28 0	20
	Peshawar	000 56	1 05 02	96 01 1	998 95	1 1 7 0 0	- - - 97							+ 1					14
	Parachinar	000 54	0 18 02	99 00 0	535 80	0 0 9 0 0	- - - 84	000 43	0 00 00	98 00 0	952 66	0 0 9 0 0	- - - 59	+ 3	0	9.2	—	26.7	39
	Miranshah	000 62	0 07 02	99 00 0	919 93	0 0 9 0 0	- - - 95	000 76	0 00 00	99 00 0	948 79	0 0 9 0 0	- - - 73		—	35 8	0 7	10.5	18
	Bannu	000 66	0 11 08	97 00 0	095 97	0 0 9 0 0	- - - 98	000 67	0 00 00	99 00 0	047 82	0 0 9 0 0	- - - 72	—	—	0.9		5.8	11
	D. I. Khan	000 64	0 16 02	96 00 0	002 03	0 0 9 0 0	- - - 03	000 75	0 00 00	96 00 0	043 81	0 0 9 0 0	- - - 72	+ 2	- 5	1.1	4.1	2.8	9
	Wana																		11
	Landikotal	[illegible]	[illegible]	[illegible]	014 91	0 0 9 0 0	- - - 98	000 65	0 00 00	99 00 0	914 80	0 0 9 0 0	- - - 67	—	—	2.6	—	12.0	—
	Hangu	[illegible]	[illegible]	[illegible]	—	0 0 9 0 0	. . . —	xxx xx	0 00 00	97 00 0	xxx xx	0 0 9 0 0	x x x xx	—	—		—	—	—
	Thal	[illegible]	[illegible]	99 01 [illegible]	—	1 3 4 0 0	- - - —	xxx xx	0 23 00	99 00 0	xxx xx	0 0 9 0 0	x x x xx	—					—
BALUCHISTAN	Fort Sandeman	[illegible]	0 00 00	97 05 [illegible]	[illegible]	0 0 9 0 0	- - - 02	000 37	0 30 00	97 05 0	982 71	0 0 9 0 0	- - - 65	- 1	- 1	4.1	- 0.8	10 0	11
	Hindubagh	[illegible] 45	0 27 00	98 00 [illegible]	[illegible] 86	0 0 9 0 0	- - - 90	000 40	0 27 02	97 00 0	964 75	0 0 9 0 0	- - - 60	—	—	0.2	—	3.5	—
	Loralai	000 34	0 08 08	98 00 0	991 87	0 0 9 0 0	- - - 91	000 33	0 23 05	96 00 0	061 69	0 0 9 0 0	- - - 57	—	—	1.7	—	8 1	—
	Harnai	000 xx	0 09 02	98 00 [illegible]	—	0 0 9 0 0	- - -	000 xx	0 10 02	96 00 0	xxx xx	0 0 9 0 0	x x x xx	—	—	2.0	- 5.2	10.6	14
	Sibi	000 34	0 16 05	98 00 0	886 08	0 0 9 0 0	- - - 09	000 57	0 13 05	99 00 0	042 86	0 0 9 0 0	- - - 79	—	—	2.2	—	3.8	5
	Quetta †	000 37	0 31 02	99 00 0	950 86	0 0 9 0 0	- - - 87	000 44	0 00 00	93 05 0	971 70	0 0 9 0 0	- - - 48	—	—	0.8	- 0.2	9.3	9
	Chaman	000 74	0 27 02	97 00 0	934 91	0 0 9 0 0	- - - 93	000 53	0 34 02	97 00 0	969 71	0 0 9 0 0	- - - 86	+ 1	+ 2	0	0 1	9.6	8
	Nushki	000 44	0 29 07	97 00 0	934 98	0 0 9 0 0	- - - 06	000 35	0 05 05	96 00 0	026 79	0 0 9 0 0	- - - 74	—	—	0	—	5 4	—
	Dalbandin *	000 66	0 03 02	96 00 0	929 90	0 0 9 0 0	- - 00	000 52	0 31 03	94 00 0	946 80	0 0 9 0 0	- - - 67	1	+ 3	0	- 0.3	1.8	4
	Nokkundi	000 82	0 34 18	99 00 1	996 01	0 0 9 0 0	9 x x 05	000 49	0 34 05	99 00 0	051 84	0 0 9 0 1	- - - 73	—	—	0	—	0.9	3
	Kalat †	000 48	0 36 02	98 00 0	991 88	0 0 9 0 0	- - - 88	000 81	0 18 05	98 00 0	985 57	0 0 9 0 0	- - - 68	+ 1	+ 4	0.8	0.4	9.7	7
	Turbat	000 88	3 21 02	97 01 1	096 09	0 0 9 2 0	- - - 07	000 77	8 20 02	95 03 2	020 81	0 0 9 2 0	9 8 x xx	—		0		1 4	—
	Panjgur *	000 75	0 31 08	97 00 0	[illegible] 95	0 0 9 0 0	- - - 97	000 11	0 05 02	97 00 0	065 68	0 0 9 0 0	- - 62		- 5	0		2.2	5
	Las Bela	000 71	0 16 06	99 00 0	[illegible] 03	0 0 9 0 0	- - - 05	000 71	0 00 00	99 00 0	089 81	0 0 9 0 8	- - - 72	—	—	1.6	—	1.7	8
	Ormara																		6
	Pasni	000 75	0 23 10	98 00 0	xxx xx	0 0 9 0 0	- - - 88	005 74	8 00 00	96 03 2	087 78	8 4 5 0 0	8 x - 78	- 2	0	9.8	- 0 1	4 9	6
	Jiwani																		4
SIND	Beti	000 90	0 31 07	96 00 0	007 00	0 0 9 0 0	- - - 04	000 76	0 18 09	96 00 0	051 83	0 0 9 0 0	x x x xx	—	—	1.7	—	2.2	—
	Jacobabad							000 61	0 11 06	98 00 0	049 82	0 0 9 0 0	- - - 77		- 1	0.2	2.0	0.7	4
	Sukkur	000 62	0 xx xx	90 00 0	007 06	0 0 9 0 0	- - - 06	000 69	0 xx xx	96 00 0	044 83	0 0 9 0 0	- - - xx	—	—	0.5	—	1.9	4
	Pad Idan	000 64	1 00 00	93 01 0	003 06	1 1 7 0 0	- - - 07	000 76	0 13 06	98 00 0	058 81	0 0 9 0 0	- - - 76	—	—	0.8	—	0.9	
	Karachi (Manora)	000 75	2 27 09	97 01 1	044 84	2 6 4 0 0	- - - 86	000 73	2 00 00	97 01 1	082 80	3 6 4 0 0	- - - 77	+ 1	0	1.5	- 4 2	1 6	8
	Karachi (A. P.)	000 75	1 26 16	96 03 1	045 85	1 6 4 3 0	- - - 92	000 74	2 27 05	97 03 1	083 80	2 6 5 0 0	- - - 77			2.9		3.0	
	Badin	000 79	3 25 07	97 00 0	044 92	3 5 7 0 0	- - - 96	000 74	0 23 07	97 00 0	080 81	0 0 9 0 0	- - - 76	+ 1	0	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 80	0 23 10	97 00 0	022 92	0 0 9 0 0	- - - 01	000 77	0 23 09	97 00 0	072 82	0 0 9 0 0	- - - 76	—	—	2.1	—	2.1	—
	Hyderabad	000 72	0 23 00	97 00 0	024 95	0 0 9 0 0	- - - 02	000 72	0 23 06	97 00 0	071 79	0 0 9 0 0	- - - 77	+ 5	0	1.3	- 4 0	2.0	7
JUNAGADH	Veraval																		29
AFGHANISTAN	Kabul	000 35	0 07 02	98 00 0	878 83	0 0 9 0 0	- - - 88	000 29	0 20 05	98 00 0	001 84	0 0 9 0 0	- - - 50	—	—	0.7	—	10 5	12
	Jalalabad	000 82	1 00 00	97 01 0	955 95	0 0 9 0 1	0 9 x 09	000 92	0 00 00	97 00 1	984 70	0 0 9 0 0	9 x x 46	—	—	0.5	—	8.9	—
	Kandahar																		—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 14TH SEPTEMBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_S D_W T_X T_N$	At 0300 Hrs. G. M. T. of date. RRR $T_S T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_S D_W T_X T_N$	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	.	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-	-	5
	Masheé	-	.	.				.						-	-	-	-	-	10
	Bushire		.	.										-	-				11
Arabia	Muscat	000 76	0 18 02	97 00 0	031 85	0 0 9 0 0	- - - 85	000 81	2 36 02	98 00 0	069 85	2 0 9 2 0	- - - xx	- 2	—	0	0.1	5.4	4
	Bharain	-																	4
	Kuwait	000 mx	0 09 02	97 00 0	019 07	0 0 9 0 0	- - - 07	000 09	0 00 00	97 00 0	071 85	0 0 0 0 0	- - - 82	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre : 3,350-3,356 feet according to latitude.. (a) Reports only rainfall.
† Barometer readings reduced to 2 geodynamic Kilometre (6,699-6,713 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 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.

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 $N_s Ch_s h_s$	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										
Mastmpet	53 210	647 06	2 27 12	98 02 0	084 85	21 6 00	—	—	—	—
Jalaratna	53 191	724 06	3 26 06	98 08 1	111 81	83 6 72	—	—	—	—
City of Bristal	53 247	684 06	2 27 09	81 01 2	079 80	21 5 00	1 3 105	—	0 51 74	1 27 21
Darasa	53 197	715 18	0 24 07	98 00 1	109 84	00 0 00	3 6 210	—	0 04 76	—
Jalaratna	53 208	709 18	3 27 08	98 02 0	104 82	11 6 80	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in °C)

of previous day.

STATION	TEMP	CODE:—	iiiGG	$P_0P_0P_0T_0T_0$	$T_dT_dT_dT_xX_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ 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 18	003 27	253 60	000 16	262 85	854 84	221 19	700 28	120 17	509 25
	529 94	301 97	789 07	855 55	249 22	211 29	329 00	241 62	388 93	261 51
	668 00	191 01	456 00	035 63	5557					

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	18	19	20	21	22	23	24	25
Bogra	22 07	24 11	25 14	—	—	—	—	—	—	—	23 20	25 21	25 21	26 15	—	—	23 14	25 11	25 07	—	—	—	—	—
Dhaka	21 15	23 10	19 11	14 07	07 08	09 09	16 11	23 08	—	—	—	—	—	—	—	—	23 04	23 09	21 23	19 29	16 41	—	—	—
Chittagong											17 17	20 19	—	—	—	—	17 09	17 15	—	—	—	—	—	—
Cox's Bazar	19 19	—	—	—	—	—	—	—	—	—	16 10	16 10	16 10	03 09	05 12	20 18	21 12	21 09	19 11	26 10	27 00	25 16	23 13	17 07
Dacca	23 17	23 21	—	—	—	—	—	—	—	—	23 19	23 19	24 16	—	—	—	23 15	23 15	24 14	23 14	—	—	—	—
Dalbandin		—	04 05	08 02	01 04	01 14	01 21	15 15	23 25	30 17	—	—	15 01	24 09	22 13	—	—	—	21 06	22 11	23 11	25 20	25 25	—
Drosc		—	—	—	06 03	05 02	—	27 02	02 15	—	—	—	—	—	—	—	—	—	—	—	03 05	02 08	25 12	22 15
Fort Sandeman	—	—	—	29 05	23 02	31 05	23 30	24 17	—	—	—	—	—	25 05	21 04	22 15	—	—	—	25 06	24 04	21 21	20 11	25 08
Jacobabad	23 08	26 08	25 05	26 12	23 07	01 09	03 07	13 12	—	—	21 26	22 20	21 17	22 08	21 08	20 06	17 15	21 19	23 19	22 10	20 09	25 08	09 13	—
Jheitm	18 09	03 04	—	23 11	—	29 15	—	—	—	—	19 05	15 15	16 11	25 08	29 10	23 21	10 02	18 03	19 03	23 10	20 17	21 18	24 24	—
Kiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	23 11	22 08	25 07	03 06	04 08	06 14	02 09	25 08	31 02	25 02	2 13	27 13	23 07	15 06	1	—	25 16	27 18	24 09	10 02	03 07	04 18	06 19	—
Khanpur	25 11	21 12	27 23	24 11	24 09	23 07	05 10	02 09	23 18	—	22 23	23 23	23 22	23 22	—	—	23 23	24 25	25 22	23 23	—	—	—	—
Lahore	21 03	21 08	23 04	25 07	24 12	24 14	22 04	23 07	—	—	19 08	18 08	22 08	21 06	24 13	24 12	19 08	23 15	23 14	22 09	21 13	25 14	01 08	25 06
Multar	07 03	05 03	04 03	03 04	24 11	24 13	23 13	—	—	—	21 09	22 10	21 11	22 12	25 10	20 10	24 17	24 17	25 18	23 18	20 09	26 05	23 14	25 13
Peshawar	—	05 06	23 06	24 06	28 11	23 13	22 14	—	—	—	—	—	30 05	25 03	24 05	23 07	—	—	—	—	—	—	—	—
Quetta					27 17	28 10	25 20	07 05	01 18	—	—	—	—	—	26 06	21 09	—	—	—	—	29 05	25 05	25 13	25 18
Bushire											—	—	—	—										
Shariar																								

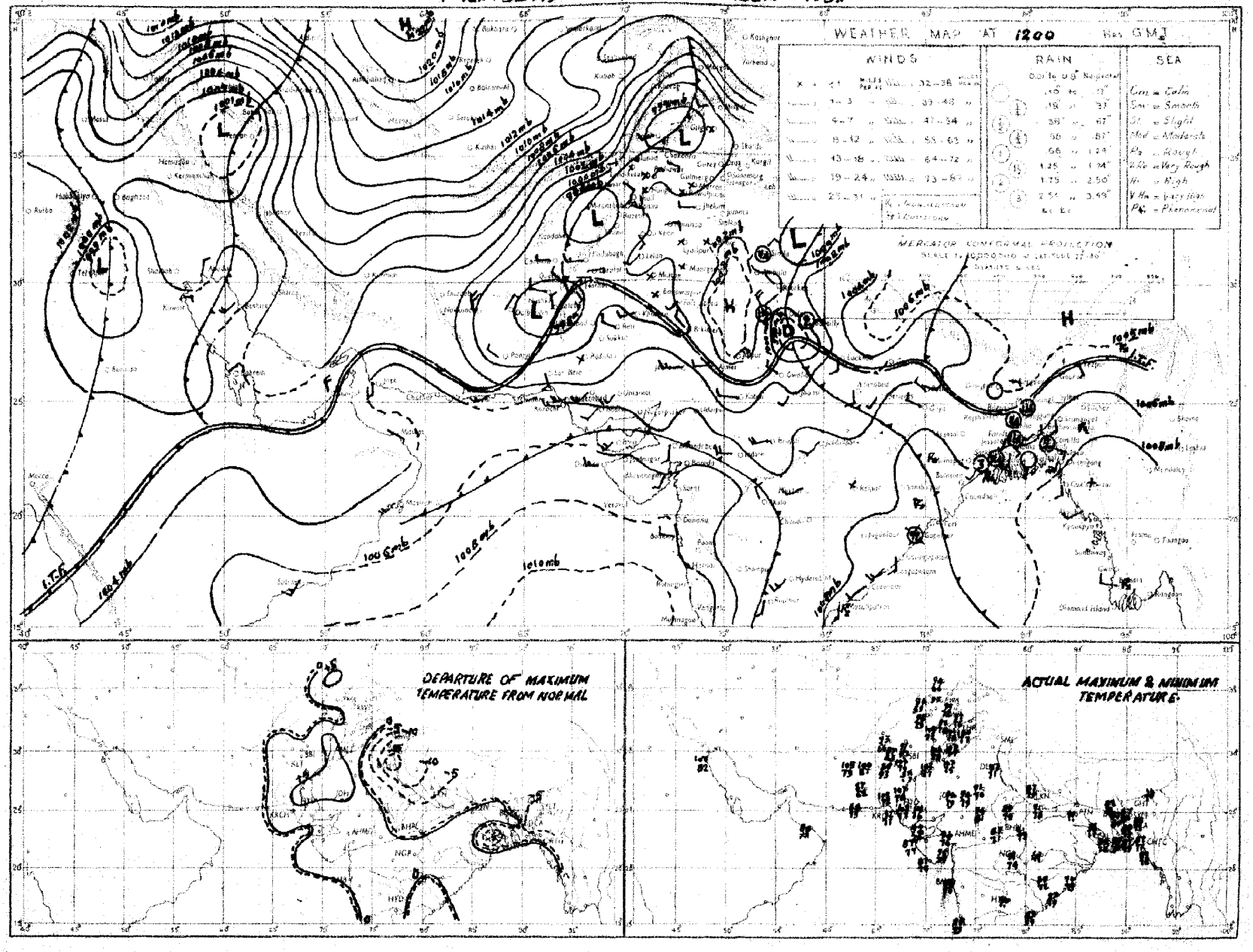
Cloud Observation Data (iiiGG Cddv, v,)

* 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 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

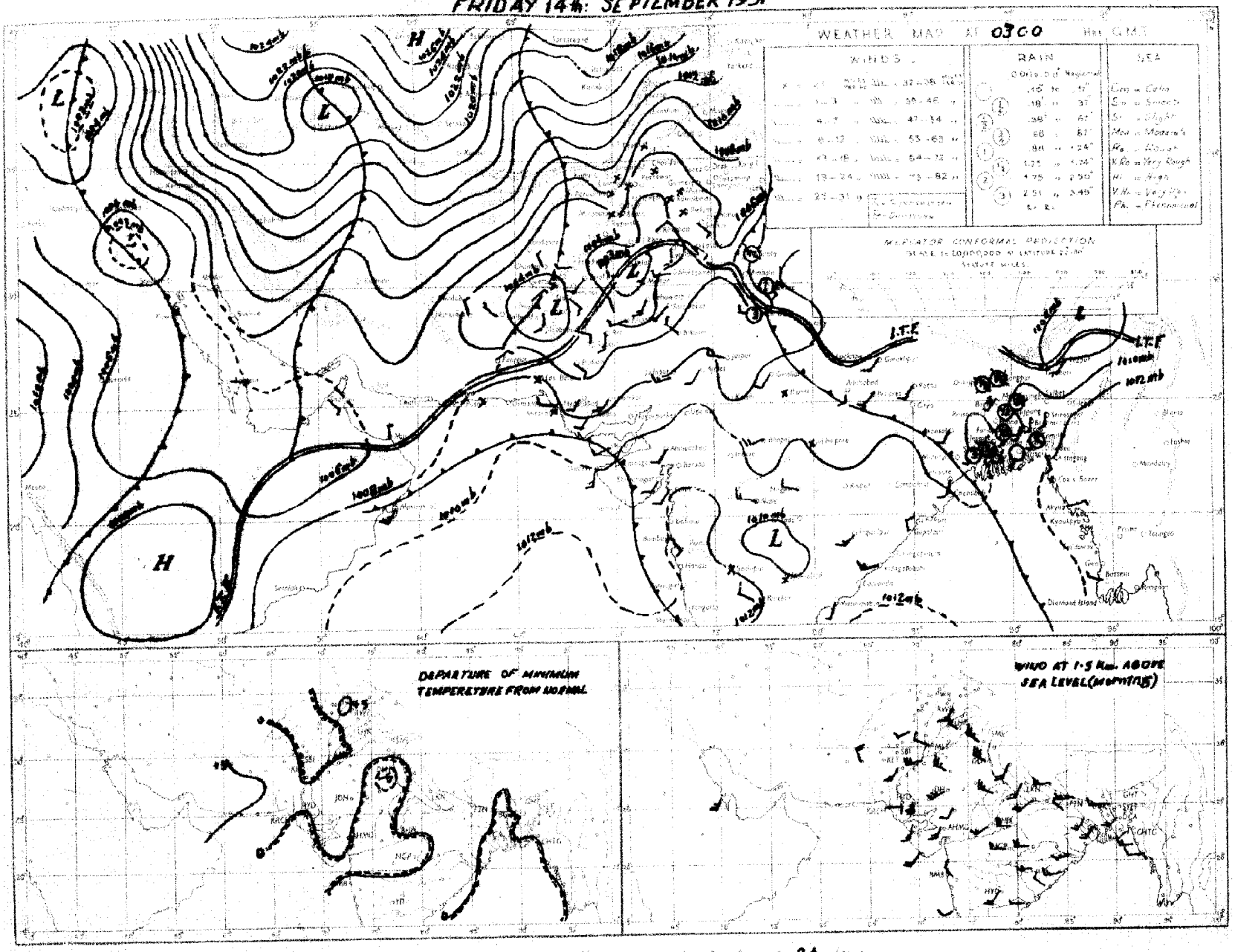
THURSDAY 13th SEPTEMBER 195X



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 14th: SEPTEMBER 1951



Pressure isobars 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 15TH SEPTEMBER, 1951

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

LIBRARY
WEATHER BUREAU

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

The depression over northwest United Provinces has filled up.
Yesterday's western disturbance now lies over north Iraq and the adjoining Iran.
A trough of low extends from the Central Bay of Bengal to Andaman seas.

Local thunderstorms/showers have occurred in East Pakistan.

Chief amounts of rainfall are :—Comilla 1½", and Brahmanbaria and Barisal ½" each.

Day temperatnres were appreciably to markedly above normal in the south Punjab and the upper North-West Frontier Province.

Forecast valid until the evening of 16th :—Scattered rain/thundershowers will occur in East Pakistan. Isolated thundery conditions are also likely to develop in the upper North-West Frontier Province and Kashmir.

Karachi-11.
The 15th September, 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_1D_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_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
EAST PAKISTAN	Cox's Bazar	000 79	1 18 03	96 01 1	056 85	1 1 6 0 0	- - - 90	000 79	3 18 03	97 00 1	119 87	3 2 6 0 0	- - - 78	+ 3	+ 2	90.1	12.9	99.7	140
	Chittagong	000 79	5 20 05	97 02 1	074 88	3 1 6 9 0	- - - 87	002 78	4 16 05	97 02 6	105 84	2 8 5 7 0	- - - 78	0	+ 1	79.8	+ 7.7	109.5	106
	Comilla	000 77	8 18 09	99 02 8	070 78	8 5 7 0 0	2 0 0 87	155 80	8 13 13	98 03 1	095 83	6 4 7 0 2	6 0 0 80	- 2	+ 3	90.7	+ 23.8	97.1	115
	Brahmanbaria	000 79	2 19 02	97 03 1	056 83	2 4 5 0 0	- - - 89	052 81	8 23 05	98 03 2	094 87	5 6 5 0 6	- - - 78	—	—	46.2	+ 2.7	56.1	94
	Dacca	000 79	6 23 02	98 02 2	059 85	4 8 6 2 0	- - - 89	000 79	8 23 06	96 03 2	088 88	6 6 4 2	- - - 80	—	—	—	—	—	78
	Narayanganj	000 76	8 18 03	94 03 2	060 85	1 2 5 2 8	- - - 91	000 79	8 20 02	94 03 2	085 85	8 5 5 -	- - - 81	+ 2	+ 2	56.1	+ 12.1	75.1	74
	Mymensingh	000 79	5 03 00	99 02 2	066 86	9 4 7 -	- - - 87	000 78	8 09 02	99 02 2	096 86	8 4 7 -	- - - 80	- 1	+ 2	37.9	- 19.1	45.4	91
	Srimangal	000 78	6 00 00	95 03 1	077 84	6 5 5 0 0	- - - 89	001 77	8 23 02	96 03 6	101 88	8 5 - 4 -	- - - 79	- 2	+ 4	54.5	+ 0.7	91.7	98
	Khulna	000 79	6 13 02	97 02 1	078 83	6 8 7 1 0	- - - 98	000 76	2 18 05	98 01 0	098 86	2 8 7 0 0	- - - 80	+ 5	+ 3	40.8	4.0	40.4	69
	Satkhira	000 80	8 23 02	97 02 1	054 87	7 4 6 6 0	- - - 91	000 79	4 25 08	97 02 1	094 86	2 4 6 6 0	- - - 76	+ 2	- 1	27.6	14.3	26.4	65
	Jessore	000 79	6 18 02	96 02 2	066 87	6 8 6 0 0	- - - 95	000 80	5 28 09	96 02 2	087 87	5 8 6 0 0	- - - xx	—	—	20.9	9.9	37.1	60
	Faridpur	000 81	8 18 02	96 02 1	053 87	8 4 6 1 0	- - - 87	000 78	7 20 09	97 02 1	086 85	5 4 6 1 0	- - - 80	- 1	+ 1	42.8	0.4	48.7	71
	Barisal	062 76	8 23 08	96 05 2	072 79	3 3 5 2 7	- - - 90							+ 2					81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 77	8 00 00	95 02 2	053 86	5 2 7 - -	- - - 89	000 80	8 19 07	98 01 2	070 84	8 2 7 - -	- - - 81	+ 2	+ 3	45.9	+ 5.6	55.9	64
	Bogra	000 79	7 00 00	96 01 1	049 86	1 1 7 0 5	- - - 90	000 79	6 28 08	96 02 1	076 85	2 2 6 0 5	- - - 81	+ 1	+ 3	31.8	12.9	36.7	69
	Dinajpur	000 77	5 18 02	97 01 2	060 85	0 0 9 2 0	- - - 90	000 79	4 00 00	97 02 2	091 87	0 0 9 0 8	- - - 79	+ 1	+ 1	38.7	11.0	45.0	72
	Rangpur	001 xx	8 00 00	96 02 5	— —	8 5 7 0 0	4 0 0 —	001 xx	8 00 00	96 02 1	— —	8 5 8 0 0	- - - —	—	—	63.3	8.0	72.6	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 62	0 18 04	96 00 0	013 01	0 0 0 0 0	- - - 02	000 64	0 16 02	96 00 0	042 82	0 0 9 0 0	- - - 79	+ 4	+ 3	5.9	2.9	10.2	19
	Lahore	000 67	0 18 03	96 00 1	027 99	0 0 9 0 0	8 × × 01	000 77	0 18 05	96 00 0	059 83	0 0 9 0 0	- - - 81	+ 3	+ 7	19.6	3.2	14.7	19
	Sialkot	000 68	9 31 02	97 03 1	030 94	3 2 6 6 0	- - 08	000 71	1 13 04	97 05 1	060 84	1 0 8 4 0	- - - 77	+ 2	+ 2	19.8	8.4	18.7	22
	Jhelum	000 67	7 00 00	96 01 1	030 97	2 1 8 0 0	8 × × 98	000 70	0 13 02	98 00 0	059 85	0 0 9 0 0	- - - 76	—	—	16.5		25.8	—
	Rawalpindi	000 63	2 18 02	98 01 1	011 92	0 0 9 1 0	- 96	000 70	0 00 00	99 00 1	057 82	0 0 9 0 0	- - - 76	+ 2	+ 6	14.9	7.4	25.7	36
	Murree †	000 58	5 22 06	97 02 1	947 63	5 9 4 0 0	- - - 71	000 63	2 29 03	97 02 1	971 64	2 1 4 0 0	9 × × 57	+ 1	+ 2	21.4	11.9	45.0	59
	Attock	xxx xx	0 09 02	98 00 0	—	0 0 9 0 0	- - - —	xxx xx	0 18 05	98 00 0	— —	0 0 9 0 0	- - - —	—		—	—	—	—
	Khushab	000 73	0 05 02	98 00 0	012 97	0 0 9 0 0	- - - 00	000 70	0 07 05	99 00 0	043 89	0 0 9 0 0	- - - 79	0	+ 1	8.1	- 6.6	8.9	16
	Montgomery	000 45	0 00 00	96 00 0	019 00	0 0 9 0 0	- - - 02	000 65	0 05 05	96 00 0	063 83	0 0 9 0 0	- - - 77	+ 2	0	2.5	4.2	6.1	19
	Leiah	000 84	0 34 02	97 00 0	009 07	0 0 9 0 0	- 09	000 71	0 21 02	97 00 0	040 81	0 0 9 0 0	- - - 75	—	—	0.9		5.6	8
	Multan	000 65	0 23 05	97 00 0	014 03	0 0 9 0 0	- - - 06	000 69	1 08 05	97 00 0	048 81	0 0 9 0 0	- - - 79	+ 7	0	3.8	0.9	4.9	7
	Khanpur	000 69	0 25 05	94 07 0	013 03	0 0 9 0 0	- - - 05	000 71	0 28 07	95 05 0	068 81	0 0 9 0 0	- - - 75	+ 4	0	0.8	4.5	1.9	6
	Bahawalpur	000 69	0 28 02	97 00 0	018 02	0 0 9 0 0	- - - 04	000 70	0 20 07	97 00 0	089 82	0 0 9 0 0	- - 80	+ 4	+ 6	1.9	2.8	5.0	6
	Fort Abbas							000 65	0 23 05	96 00 0	065 87	0 0 9 0 0	0 × × 77		—	2.8		3.7	3
N. W. F. P.	Drosh *	000 36	1 25 12	99 01 1	910 91	1 1 7 0 0	- - - 94	000 41	0 00 00	99 00 0	981 89	0 0 9 9 0	- - - 67	+ 5	+ 2	1.7	-	21.9	18
	Chakdara	000 64	0 27 02	99 00 0	009 01	0 0 9 0 0	- - - 95	000 63	0 00 00	98 00 0	066 75	0 0 9 0 0	- - - 70	—	—	6.5	—	18.8	—
	Cherat *	000 60	0 18 09	96 00 0	946 87	0 0 9 0 0	- - - xx	000 63	0 13 03	97 00 0	970 72	0 0 9 0 0	- - - 69	—	—	4.0	- 5.5	28.0	29
	Peshawar	000 61	0 02 05	96 00 0	006 96	0 0 9 0 0	- - - 98							+ 3					14
	Parachinar	000 44	0 13 02	99 00 0	945 92	0 0 9 0 0	- - - 84	000 46	0 00 00	99 00 0	973 74	0 0 9 0 0	- - - 61	+ 5	+ 2	9.2	—	28.7	30
	Miranshah	000 49	0 11 07	99 00 0	042 99	0 0 9 0 0	- - - 06												13
	Bannu	000 59	0 11 02	99 00 0	007 98	0 0 9 0 0	- - - 00	000 68	0 00 00	99 00 0	949 87	0 0 9 0 0	- - - 76	—	—	0.9	—	5.8	11
	D. I. Khan	000 65	0 04 02	96 00 0	001 04	0 0 9 0 0	- - - 05	xxx 72	0 05 02	96 00 0	045 81	0 0 9 0 0	- - - 81	+ 4	+ 4	1.1	- 4.1	2.8	9
	Wana																		11
	Landikotal	000 74	0 13 03	98 00 0	937 86	0 0 9 0 0	- - - 94	000 63	0 00 00	96 00 0	977 80	0 0 9 0 0	- - - 88	—	—	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 10 09	99 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 31 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 80	0 00 00	97 05 0	025 93	0 0 9 0 0	- - - 97	000 42	0 00 00	97 05 0	975 79	0 0 9 0 0	- - - 66	0	- 1	4.1	- 0.8	10.0	11
	Hindubagh	000 37	0 23 05	97 00 0	045 88	0 0 9 0 0	- - - 92	000 42	0 27 05	97 00 0	974 77	0 0 9 0 0	- - - 52	—	—	0.2	—	5.5	—
	Loralai	000 75	0 23 05	96 00 0	013 90	0 0 9 0 0	- - - 92	000 53	0 00 00	96 00 0	571 69	0 0 9 0 0	- - - 58	—	—	1.7	—	3.1	—
	Harnai (a)	000 xx	0 27 02	96 00 0	— —	0 0 9 0 0	- - -	000 xx	0 20 02	95 00 0	— —	0 0 9 0 0	- - - —	—	—	2.0	- 5.2	10.6	14
	Sibi	000 47	0 23 05	98 00 0	003 98	0 0 9 0 0	- - - 08	000 66	0 00 00	98 00 0	062 87	0 0 9 0 0	- - - 79	—	—	2.3	—	3.8	6
	Quetta †	000 45	0 21 02	99 00 0	964 87	0 0 9 0 0	- - - 89	000 47	0 00 00	98 10 0	972 65	0 0 9 0 0	- - - 50	—	—	0.8	- 0.2	9.8	9
	Chaman	000 77	0 27 03	97 00 0	945 92	0 0 9 0 0	- - - 94	000 59	0 16 02	97 00 0	977 77	0 0 9 0 0	- - - 65	+ 2	+ 1	0	- 0.1	9.6	8
	Nushki	000 39	0 20 01	97 00 0	003 97	0 0 9 0 0	- - - 98	000 41	0 00 00	96 00 0	083 82	0 0 9 0 0	- - - 72	—	—	0	—	5.4	—
	Dalbandin *	000 40	0 00 00	94 05 0	954 99	0 0 4 0 0	- - - 09	000 39	0 07 02	94 05 0	973 20	0 0 9 0 0	- - - 65	- 1	+ 1	0	- 0.3	1.8	4
	Nokkundi	000 30	0 34 13	99 00 0	025 87	0 0 9 0 0	- - - 98	000 43	0 34 09	99 00 0	068 79	0 0 9 0 0	- - - 72	—	—	0	—	0.9	2
	Kalat †	000 33	0 32 05	94 00 1	972 90	0 0 9 0 0	- - - 85	000 38	0 18 02	98 00 0	998 57	0 0 9 0 0	- - - 52	+ 1	+ 3	0.8	- 0.4	0.7	7
	Turbat	000 53	0 25 05	97 00 2	057 01	0 0 9 0 0	- - - 02	000 77	7 24 02	95 03 2	089 83	0 0 9 0 0	9 0 × 81	—	—	0		1.4	—
	Panjgur *	000 33	0 31 02	97 00 0	959 95	0 0 9 0 0	- - - 97	000 44	0 05 02	97 00 0	977 73	0 0 9 0 0	- - - 62	+ 1	- 5	0	—	2.2	5
	Las Bela	000 74	0 16 06	99 00 0	043 94	0 0 9 0 0	- - - 06	000 74	0 00 00	99 00 0	069 81	0 0 9 0 0	- - - 79	—	—	1.6	—	1.7	8
	Ormara	000 76	1 20 09	97 01 0	060 85	1 5 6 0 0	- - - 87	000 76	6 00 00	97 03 1	101 79	6 5 6 0 0	- - - 75	—	—	0.3	- 0.5	2.1	6
	Pasni	000 72	0 23 09	98 00 0	061 85	0 0 9 0 0	- - - 88	005 75	8 09 05	96 03 2	104 78	8 4 5 0 0	3 × × 76	- 2	+ 3	0.8	0.1	4.9	6
	Jiwani																		4
SIND	Beti	000 53	0 23 09	96 00 0	034 07	0 0 9 0 0	- - - 09	000 73	0 23 05	96 00 0	071 79	0 0 9 0 0	- - - 75	—	—	1.7	—	2.2	—
	Jacobabad	000 61	0 20 09	97 00 0	026 08	0 0 9 0 0	- - - 04	000 67	0 11 07	96 00 0	068 79	0 0 9 0 0	- - - 77	+ 5	- 1	0.2	- 2.0	0.7	4
	Sukkur	000 67	0 xx xx	96 00 0	020 03	0 0 9 0 0	- - - 05	000 70	0 xx xx	96 00 0	061 79	0 0 9 0 0	- - - 76	—	—	0.5	—	1.0	4
	Pad Idan	000 73	0 18 18	98 00 0	033 02	0 0 9 0 0	- - - 05	000 72	0 16 05	98 00 0	065 78	0 0 9 0 0	- - - 70	—	—	0.3	—	0.9	
	Karachi (Manora)	000 75	8 25 09	98 02 2	070 85	2 1 5 1 0	- - - 86	000 74	0 25 05	97 00 0	098 88	0 0 9 0 0	- - - 78	+ 1	+ 1	1.5	- 4.3	1.6	7
	Karachi (A. P.)	000 77	4 20 10	97 01 1	082 85	3 4 5 0 1	- - - 88	000 75	1 27 03	96 02 1	101 80	1 6 4 0 0	- - - 77		—	2.9		3.0	
	Badin	000 70	3 23 07	97 00 0	072 91	0 0 9 0 0	- - - 95	000 75	5 28 07	97 00 0	103 81	5 2 7 0 0	- - - 76	0	0	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (Umerkot)	000 79	0 25 10	97 00 0	052 96	0 0 9 0 0	- - - 89	000 75	0 25 10	97 00 0	088 82	0 0 9 0 0	- - - 75	—	—	2.1	—	2.1	
	Hyderabad	000 80	0 23 07	97 00 0	089 94	0 0 9 0 0	- - - 95	000 76						+ 1					7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 29	0 16 02	98 00 0	005 85	0 0 9 0 0	- - - 87	000 30	0 34 02	98 00 0	008 80	0 0 9 0 0	- - - 53	—	—	0.7	—	10.5	12
	Jalalabad	000 53	0 00 00	97 00 0	985 96	0 0 9 0 0	8 × × 99	000 64	0 00 00	97 00 0	961 71	0 0 9 0 0	9 × × 68	—	—	0.5	—	4.9	—
	Kandahar	000 70	0 00 00	97 00 0	911 94	0 0 9 0 0	- - - 97	000 54	0 00 00	97 00 0	943 80	0 0 9 0 0	- - - 51	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 15TH SEPTEMBER, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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 $T_xT_xT_d$	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_0T_n$	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	Gharba:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Masnec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 77	0 13 02	97 00 0	056 87	0 0 0 0 0	- - - 28	099 81	2 09 02	96 00 0	867 85	0 0 0 1 0	- - - xx	- 2	—	0	- 0.1	3.3	4
	Sharjah	000 xx	0 11 97	97 00 0	052 95	0 0 0 0 0	- - - 22	000 xx	0 27 05	97 00 0	870 89	0 0 0 0 0	- - - 70	—	—	0	—	1.5	4
	Kuwait																		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 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 3 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 $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	$D_s v_s$ app	8 $N_sCh_sh_s$	O $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Windsor	68 221	610 00	8 23 05	98 02 2	005 75			8 2 400	0 01 76	1 19 31
City of Windsor	68 228	630 06	8 20 09	98 02 1	007 82	63 4 00	2 4 310	—	0 09 74	1 20 31
Jalaratna	68 217	604 06	8 24 09	98 02 1	114 84	21 7 30	—	—	—	—
Dwarka	68 225	606 12	5 22 12	99 03 0	088 83	31 4 00	7 5 313	—	0 08 73	—
City of Bristal	68 226	676 18	2 22 06	81 02 0	101 80	21 5 08	2 5 313	—	0 53 73	1 23 20
City of Windsor	68 219	637 18	2 22 06	98 01 1	095 82	21 6 08	2 4 110	—	0 51 75	1 24 21
Palawatna	63 224	636 12	3 23 10	93 02 1	093 85	22 7 10	—	—	—	—
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 ...	789 15	006 27 242 60	000 25 262 36	854 92 231 91	700 38 110 22	509 39 509 94	302 09 779 91	201 20 999 00	855 55 209 40	232 12 339 00	221 48	568 25 220 57	668 00 210 33	210 33

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.
hohohoho—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	25	10	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	18	19	20	21	22	23	24	25
Bogra	22 09	22 09	23 15	25 14	26 15	26 14	25 11	29 10	28 04	20 25	23 19	23 15	24 15	—	—	—	23 14	26 17	27 16	25 15	24 20	—	—	—
Dhor	22 15	21 21	21 17	17 11	18 10	12 13	—										23 23	28 20	21 21	19 23	16 18	13 10	07 22	—
Chittagong	23 18	21 17	21 09	21 08	24 06	26 12	25 15	—	—	—	21 10	21 18	22 18	—	—	—	20 18	21 17	—	—	—	—	—	—
Dir's Bazar	21 07	22 09	12 09	25 08	26 07	25 11		—	—	—	21 08	21 09	21 09	23 05	23 02	15 09	19 19	18 11	20 13	21 15	—	—	—	—
Dacca	22 08	22 18	22 15	23 13	23 11	20 10	—	—	—	—	22 21	—	—	—	—	—	21 11	—	—	—	—	—	—	—
Dalbandin	—	—	01 04	01 08	03 21	—	—	—	—	—	—	—	17 03	25 09	20 14	16 02	—	—	17 09	—	18 09	22 09	17 06	25 15
Drosr	—	—	—	—	15 01	25 02	24 07	23 04	—	—	—	—	—	22 04	21 06	21 05	—	—	—	—	calm	19 01	25 16	
Fort Sandeman	—	—	—	24 07	24 07	26 09	28 10	33 14	34 26	32 32	—	—	—	46 09	—	29 12	—	—	—	22 08	26 08	48 07	29 21	
Kacobabad	20 11	20 11	21 11	23 10	24 09	25 07	14 08	01 20	02 21	36 15	18 21	21 21	21 19	22 18	24 09	19 05	16 11	21 12	23 13	24 07	21 03	09 07	01 14	01 19
Khelat	18 07	19 07	18 06	27 08	29 12	31 10	33 18	—	—	—	18 09	14 19	18 13	21 07	23 07	—	12 04	14 10	14 09	15 04	31 08	38 17	—	33 13
Siwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	29 15	28 12	26 09	09 04	05 08	—	—	—	—	—	27 13	26 15	24 16	—	?	—	26 13	26 15	25 17	22 04	09 21	06 20	—	—
Khanpur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29 22	29 21	24 27	25 25	—	—	—	—
Lahore	16 01	21 08	19 05	22 04	21 05	25 08	31 18	34 16	32 17	29 21	18 18	17 18	19 11	25 04	25 07	04 13	11 08	24 15	24 14	25 04	24 05	24 17	24 24	31 17
Multan	23 05	23 06	21 05	23 04	24 07	31 07	34 14	—	—	—	22 35	23 42	23 37	24 18	—	—	24 26	27 15	25 10	29 07	25 08	24 09	02 14	34 19
Pesnawar	—	—	—	—	—	—	—	—	—	—	—	31 13	29 06	25 07	29 10	25 13	—	29 13	25 15	25 14	22 10	21 13	21 19	30 14
Quetta	—	—	—	—	33 11	04 05	01 11	35 23	32 28	31 26	—	—	—	—	26 09	21 17	—	—	—	—	23 01	22 07	20 19	
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bhavlac	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

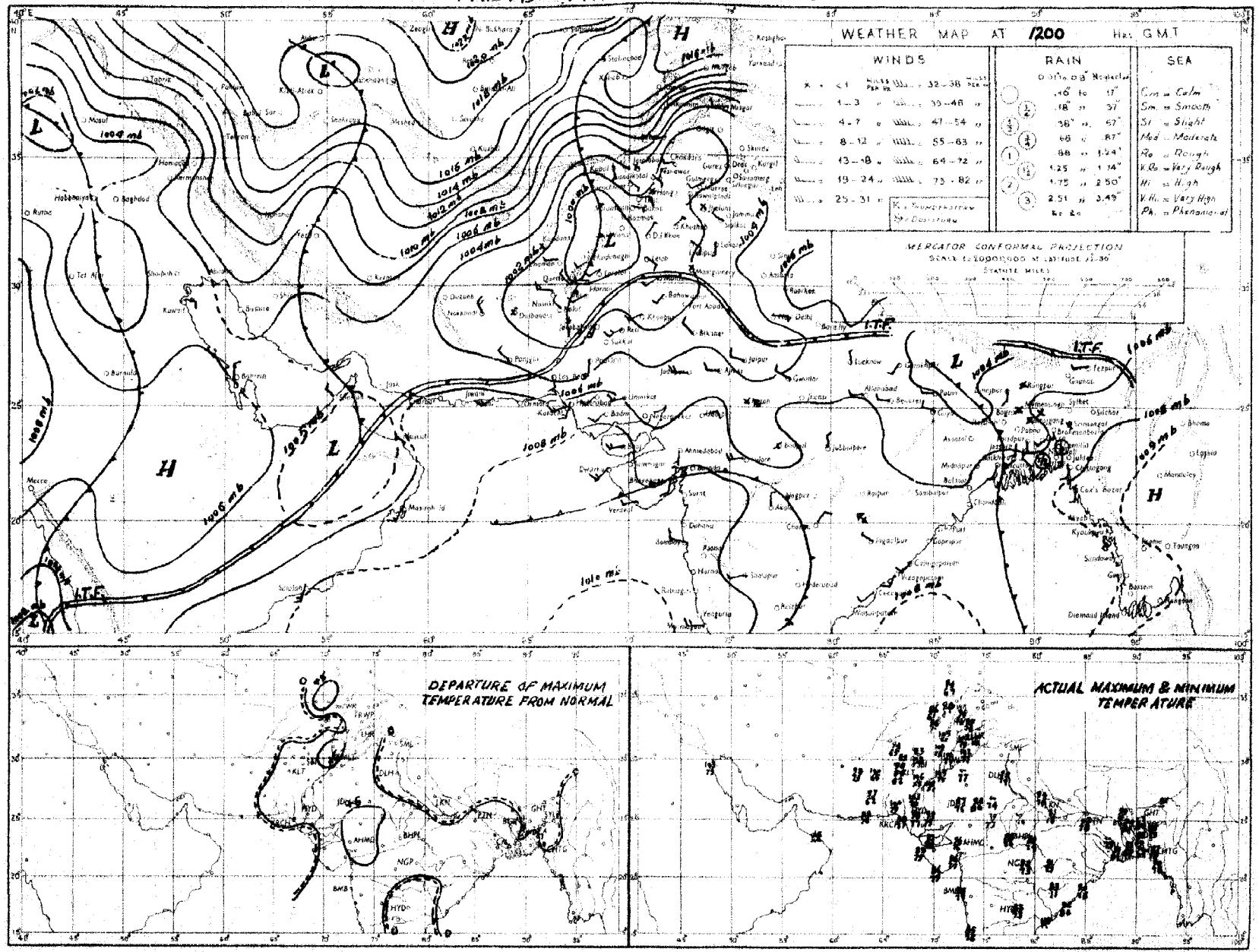
Cloud Observation Data (iiiGG Cddv, v,)

* 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 inds 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

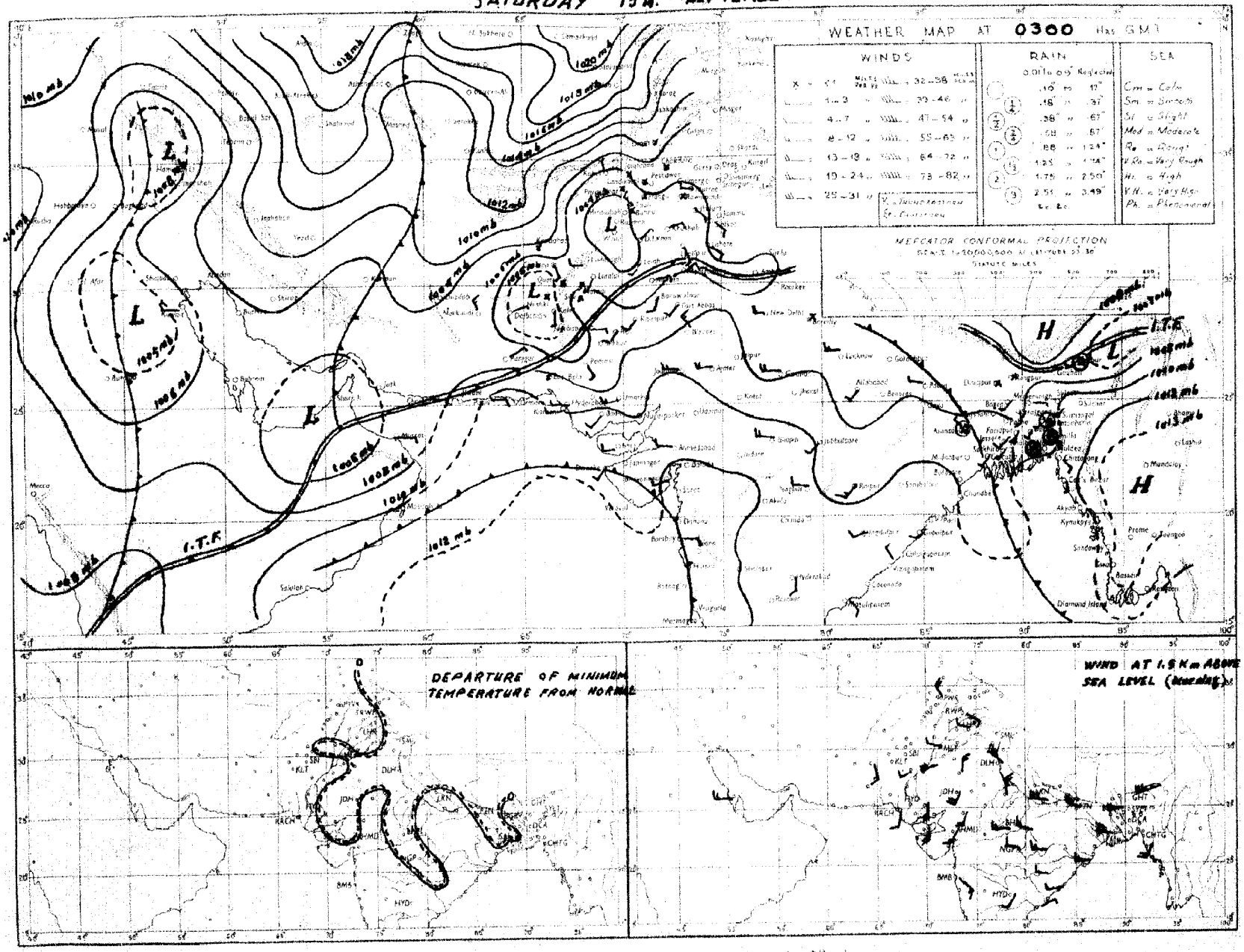
FRIDAY 14th. SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 15th. SEPTEMBER



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

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Pages 1—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. L-1674

LIBRARY
WEATHER BUREAU

FOR SUNDAY, THE 16TH SEPTEMBER, 1951

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

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

Yesterday's western disturbance is moving across north Iraq. Its associated trough extends from south Iraq to central Arabia.
Monsoon trough lies along the foot of Hemalayas.
The trough of low persists from central Bay of Bengal to Andaman Seas.

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

Chief amounts of rainfall are :—Chittagong 6", Mymensingh, Barisal, Dinajpur 2" each ; Satkhira, Rangpur 1" and Comilla, Khulna and Bogra 1" each.

Day temperatures were appreciably to markedly above normal in the upper northwest Frontier Province and the plains of Punjab and appreciably to markedly below normal in Eastern districts of East Pakistan.

Forecast valid until the evening of 17th :—Local rain/thunderstorms will occur in East Pakistan. Isolated thundery conditions are likely to develop in the upper North-West Frontier Province, Kashmir and the adjoining north Punjab.

Karachi-11.
The 16th September, 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	002 76	4 18 05	95 01 5	073 85	3 2 6 0 2	- - - 01	012 78	8 18 05	93 95 9	098 80	5 3 4 2 0	- - - 79	+ 4	+ 3	90 2	13 2	99.8	140
	Chittagong	005 78	7 ×× ××	96 03 6	064 82	7 8 6 0 0	- - - 87	591 75	7 13 04	99 02 9	094 78	7 8 6 0 0	- - - 75	0	- 2	85.7	+ 13 3	115.6	106
	Comilla	007 77	8 18 02	96 51 5	057 81	8 5 7 0 9	1 0 0 81	020 80	7 18 05	93 03 1	077 83	7 4 7 0 0	9 0 0 79	- 8	+ 2	90.9	+ 32 5	97 3	115
	Brahmanbaria	000 78	6 00 00	96 03 0	055 80	6 4 5 0 0	- - - 89	600 ××	7 18 09	97 03 1	073 83	3 5 5 2 0	- - - 78	—	—	46.2	+ 2 4	56 1	94
	Dacca	××× 77	8 04 00	95 21 9	044 78	3 2 5 2 6	- - - 89	×·× 82	9 23 05	96 02 2	065 85	6 5 4 2 ·	- - - 77	—	—	-	—		79
	Narayanganj	009 72	8 00 00	93 20 6	— —	6 5 5 0 7	- - - 92	009 81	8 23 03	95 03 6	057 86	8 5 5 -	- - ××	+ 3	×	56.3	+ 11.9	75.2	74
	Mymensingh	075 81	6 00 02	×× 02 6	038 84	8 8 6 - -	- - - 86	080 79	8 00 00	97 03 6	068 80	8 6 6 × -	- - - 78	- 2	6	38 1	18 8	46.2	81
	Srimangal	062 74	8 18 02	94 60 5	058 75	8 5 5 - -	- - - 88	068 77	8 13 03	96 03 6	076 78	6 5 5 2 -	- - - 75	- 3	0	55.2	+ 0.9	83.3	98
	Khulna	025 77	5 23 02	96 02 6	048 81	6 8 6 -	- - - 90	025 80	4 18 02	97 03 0	076 86	4 8 6 0 0	- - - 80	+ 2	+ 3	41.1	4 0	49.6	65
	Satkhira	066 76	6 23 03	97 02 6	057 79	8 9 6 6 0	- - - 91	066 80	8 23 03	97 03 1	064 85	7 4 6 6 0	- - - 77	+ 2	0	28 8	13.8	37.1	65
	Jessore	000 78	7 18 02	96 03 2	045 82	7 5 6 0 0	- - - 93	000 80	6 23 00	98 02 2	066 87	2 8 6 3 0	0 × 0 ××			29 6	10.2	37 1	65
	Faridpur	005 78	5 18 02	95 02 6	045 81	6 6 5 1 0	- - - 85	005 81	7 21 00	97 02 1	062 85	5 4 6 1 0	- - - 80	- 3	+ 2	42.4	- 0.7	48.7	71
	Barisal	085 77	8 00 00	96 00 6	055 78	2 4 6 2 7	- - - 90	085 81	7 23 06	99 02 1	076 86	5 8 5 5 8	- - - 76	+ 2	0	—			81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 77	8 00 00	96 02 2	020 81	8 4 7 0 0	- - - 90	000 79	4 23 07	93 01 2	050 79	4 2 8 0 0	- - - 78	+ 3	0	45.0	+ 5.1	55.0	64
	Bogra	000 79	7 23 02	96 03 1	026 87	1 1 7 1 2	- - - 92	026 80	5 23 03	96 01 9	049 83	1 1 7 0 5	- - - 77	+ 3	- 1	32.1	12 9	38.9	60
	Dinajpur	000 77	6 00 00	97 02 2	033 86	0 0 9 4 0	- - - 90	078 77	7 00 00	97 02 2	060 83	3 4 7 4 0	- - - 70	+ 1	- 8	30 4	10.8	43.7	72
	Rangpur	000 ××	7 00 00	96 02 1	— -	7 5 8 0 0	- - - —	055 ××	7 00 00	96 02 6	— —	7 5 8 0 0	4 0 0 ××	—	—	65.9	+ 8.1	72.2	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	006 65	0 18 02	96 00 0	007 06	0 0 9 0 0	- - - 01	000 62	0 20 01	96 00 0	019 78	0 0 9 0 0	- - - 76	+ 2	+ 2	5.9	- 3.0	10.2	12
	Lahore	000 69	0 00 00	96 00 1	017 95	0 0 9 0 0	- - - 01	000 63	0 18 02	96 00 0	031 83	0 0 9 0 0	- - - 76	+ 3	+ 4	19.6	- 3.4	14.7	19
	Sialkot	000 78	3 23 02	97 02 1	004 97	1 5 6 4 0	- - - 98	000 74	1 09 04	97 02 1	030 82	1 0 8 6 0	- - - 80	+ 2	+ 6	13.8	- 8.5	16.7	32
	Jhelum	000 69	1 23 03	96 01 1	013 95	1 1 7 0 0	- - - 98	000 64	0 00 00	96 00 0	××× 84	0 0 9 0 0	- - - 77	—	—	16.5		25 8	—
	Rawalpindi	000 66	0 18 02	96 00 1	020 85	0 0 9 0 0	- - - 96	000 65	0 36 02	96 05 1	029 82	0 0 9 0 0	- - - 75	+ 3	+ 6	14.9	- 7.6	25.7	38
	Murree †	000 58	6 31 03	97 02 1	955 69	6 9 3 0 0	9 × × 73	000 53	0 31 07	97 00 1	950 65	0 0 9 0 0	0 × × 59	+ 3	+ 3	21.4	12 2	43 0	60
	Attock	××× ××	0 ×× ××	98 00 0	—	0 0 9 0 0	- - - —	××× ××	0 31 02	98 00 0	— —	0 0 9 0 0	- - - —	—		—		—	—
	Khushab	000 73	0 07 02	98 00 0	011 97	0 0 9 0 0	- - - 99	000 74	0 09 02	97 00 0	026 83	0 0 9 0 0	- - - 77	- 1	+ 1	8.1	- 6.6	8.0	15
	Montgomery	000 71	0 00 00	96 00 0	009 00	0 0 9 0 0	- - - 01	000 64	0 23 03	96 00 0	032 81	0 0 9 0 0	- - - 77	+ 2	+ 2	2.5	- 4.3	6.1	10
	Leiah	000 87	0 23 02	97 00 0	004 07	0 0 9 0 0	- - - 08	000 73	0 00 00	97 00 0	020 80	0 0 9 0 0	- - - 76	—	—	0.9		6.6	8
	Multan	000 65	0 18 05	97 00 0	014 02	0 0 9 0 0	- - - 04	000 66	0 23 05	97 00 0	024 80	0 0 9 0 0	- - - 78	+ 5	+ 1	3.8	- 0.9	5 9	7
	Khanpur	000 63	0 23 10	94 07 0	022 02	0 0 9 0 0	- - - 03	000 70	0 25 07	95 05 0	055 78	0 0 9 0 0	- - - 76	+ 2	+ 1	0.8	4.5	1.9	6
	Bahawalpur	000 65	0 23 02	97 00 0	020 01	0 0 9 0 0	- - - 08	000 67	0 20 12	97 00 0	069 81	0 0 9 0 0	- - - 79	+ 3	+ 5	1.9	2.3	5.0	6
	Fort Abbas	000 95	0 23 09	96 00 0	023 02	0 0 9 0 0	0 × × 08	000 73	0 23 05	96 00 0	024 85	0 0 9 0 0	0 × × 77	—	—	2.8		3.7	8
N. W. F. P.	Drosh *	000 35	1 25 07	99 01 1	892 92	1 1 7 0 0	4 × × 95	000 56	0 00 00	99 00 0	960 66	0 0 9 0 0	- - - 69	+ 8	+ 5	1.7	—	21.9	16
	Chakdara	000 65	0 31 02	99 00 0	997 93	0 0 9 0 0	- - - 96	000 62	0 28 02	96 00 0	026 77	0 0 9 0 0	- - - 77	—	—	6 5	—	18.8	—
	Cherat *	000 58	0 18 07	97 00 0	940 86	0 0 9 0 0	- - - 90	000 67	0 23 04	97 00 0	946 76	0 0 9 0 0	- - - 70	—	—	0.0	- 5.5	28.0	20
	Peshawar	000 61	1 92 07	96 02 1	001 96	1 1 7 0 0	- - - 99	000 66	0 29 02	96 00 0	026 84	0 0 9 0 0	- - - 75	+ 3	+ 4	1.3	- 3.83	8.6	14
	Parachinar	000 46	0 18 02	99 00 0	953 93	0 0 9 0 0	- - - 87	000 48	0 00 00	99 00 0	955 76	0 0 9 0 0	- - - 61	+ 6	+ 3	9.3	—	26.7	28
	Miranshah	000 94	0 07 04	99 00 0	928 95	0 0 9 0 0	- - - 96	000 75	0 00 00	99 00 0	935 76	0 0 9 0 0	- - - 73	—	—	3.6	- 0.7	10.5	13
	Bannu	000 58	0 07 02	99 00 0	007 99	0 0 9 0 0	- - - 00												11
	D. I. Khan	000 68	0 04 02	96 00 0	000 04	0 0 9 0 0	- - - 04	000 59	0 00 00	96 00 0	037 78	0 0 9 0 0	- - - 66	+ 3	- 9	1.1	- 4.1	3.8	9
	Wana																		
	Landikotal	000 66	0 05 04	96 00 0	918 90	0 0 9 0 0	- - - 95	000 63	0 12 02	95 00 0	932 83	0 0 9 0 0	- - - 67	—	—	2.4	—	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	××× ××	1 23 00	99 01 1	— —	1 8 6 0 0	- - - —	××× ××	2 00 00	×× 01 1	— —	2 8 7 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 04	0 00 00	97 05 0	923 95	0 0 9 0 0	- - - 97	000 34	0 00 00	97 05 0	951 75	0 0 9 0 0	- - - 84	+ 3	0	4.1	- 0.8	10 0	11
	Hindubagh	000 13	0 27 09	97 00 0	966 89	0 0 9 0 0	- - - 92	000 41	0 23 12	97 00 0	957 77	0 0 9 0 0	- - - 64	—	—	0.2	—	3.5	—
	Loralai	000 32	0 00 00	96 00 0	018 00	0 0 9 0 0	- - - 93	000 46	0 23 05	96 00 0	951 68	0 0 9 0 0	- - - 66	—	—	1.7	—	8.1	—
	Harnai (a)	000 ××	0 13 02	96 00 4	— —	0 0 9 0 0	- - - —	000 ××	0 10 01	95 00 0	— —	0 0 9 0 0	- - - —	—	—	2.0	- 5.2	10.6	14
	Sibi	000 57	0 13 05	98 00 0	017 03	0 0 9 0 0	- - - 04	000 50	0 18 05	99 00 0	044 84	0 0 9 0 0	- - - 78	—	—	2.3	—	3.8	5
	Quetta †	000 35	0 29 05	98 00 0	968 89	0 0 9 0 0	- - - 90	000 47	0 00 00	97 10 0	958 64	0 0 9 0 0	- - - 49	—	—	0.3	- 0.3	9.3	9
	Chaman	000 78	0 31 03	97 00 0	008 92	0 0 9 0 0	- - - 94	000 65	0 13 02	97 00 0	961 77	0 0 9 0 0	- - - 69	+ 2	+ 7	0	- 0.2	3.8	8
	Nushki	000 50	0 31 05	97 00 0	006 98	0 0 9 0 0	- - - 99	000 52	0 07 14	96 00 0	007 84	0 0 9 0 0	- - - 75	—	—	0	—	5.4	—
	Dalbandin *	000 44	0 05 02	94 05 0	954 00	0 0 9 0 0	- - - 02	000 42	0 00 00	94 05 0	954 69	0 0 9 0 0	- - - 63	+ 1	0	0	- 0.3	1.3	4
	Nokkundi	000 71	0 34 03	99 00 0	005 01	0 0 9 0 0	- - - 03	000 64	0 34 02	99 00 0	041 83	0 0 9 0 0	- - - 77	—	—	0	—	0.9	3
	Kalat †	000 64	0 36 09	98 00 0	971 96	0 0 9 0 0	- - - 87	000 88	0 18 02	98 00 0	978 58	0 0 9 0 0	- - - 60	+ 3	+ 8	0.8	- 0.4	9.7	7
	Turbat	000 83	0 19 05	97 60 2	076 99	0 0 9 0 0	- - - 00	000 78	0 25 02	94 02 2	081 79	0 0 9 0 0	9 0 0 78	—	—	0		1.4	—
	Panjgur *	000 20	0 31 02	97 00 0	949 98	0 0 9 0 0	- - - 97	000 56	0 05 02	97 00 0	964 69	0 0 9 0 0	- - - 62	+ 1	- 1	0	—	3.2	5
	Las Bela	000 76	0 16 08	99 00 0	057 89	0 0 9 0 0	- - - 98												6
	Ormara	000 80	1 20 00	97 03 0	073 96	1 5 6 0 0	- - - 87	000 77	7 21 09	97 03 1	091 80	7 5 6 0 0	- - - 78	—	—	0.3	- 0 5	3.1	6
	Pasni	000 72	0 23 10	97 00 0	074 54	0 0 9 0 0	- - - 89	000 73	8 00 00	96 03 2	090 78	8 4 5 0 0	8 × × 74	+ 1	+ 1	0.8	- 0.1	4.0	6
	Jiwani																		4
SIND	Roti	000 53	0 23 07	96 00 0	042 01	0 0 9 0 0	- - - 01	000 72	0 18 05	96 00 0	××× 77	0 0 9 0 0	- - - 70	—	—	1.7	—	2.3	—
	Jacobabad	000 60	0 18 10	97 00 0	031 00	0 0 9 0 0	- - - 02	000 88	0 11 09	97 00 0	049 79	0 0 9 0 0	- - - 75	- 1	- 1	0.3	- 3.0	0.7	4
	Sukkur	000 70	0 ×× ××	98 00 0	032 01	0 0 9 0 0	- - - 03	000 71	0 ×× ××	96 00 0	047 77	0 0 9 0 0	- - - 74	—	—	0.5	—	1.0	4
	Pad Idan	000 75	0 13 18	98 00 3	037 01	0 0 9 0 0	- - - 08	000 73	0 18 05	98 00 0	045 77	0 0 9 0 0	- - - 72	—	—	0.8	—	0.9	
	Karachi (*Manora*)	000 75	3 25 09	98 01 1	078 85	3 6 4 0 0	- - - 87	000 75	2 25 09	97 01 1	084 81	2 1 5 0 0	- - - 79	+ 2	+ 2	1.5	- 4.4	1 6	8
	Karachi (*A. P.*)	000 72	1 20 18	96 03 1	081 85	1 6 4 0 0	- - - 90	000 73	3 27 10	96 03 1	084 80	3 5 5 0 0	- - - 80	—	—	2.0		2.0	
	Badin	000 70	0 18 07	97 00 0	070 91	0 0 9 0 0	- - - 95	000 72	0 23 07	97 00 0	086 81	0 0 9 0 0	- - - 77	0	+ 1	7.0	- 0.2	7.0	8
	Nagarparkar																		
	Chhor (*Umarkot.*)	000 79	0 20 10	97 00 0	057 96	0 0 9 0 0	- - - 99	000 76	0 23 10	97 00 0	073 82	0 0 9 0 0	- - 76	—	—	2.1	—	3.1	—
	Hyderabad	000 65	0 23 09	97 00 0	080 93	0 0 9 0 0	- - - 93	000 71	0 23 09	97 00 0	067 80	0 0 9 0 0	- - - 77	+ 1	+ 1	1.8	- 4.0	2.0	7
JUNAGADH	Veraval																		29
AFGHANISTAN	Kabul							000 28	0 29 02	98 00 0	995 ××	0 0 9 0 0	- - - 52		—	0.7	—	10 5	12
	Jalalabad	000 83	1 08 02	97 01 0	987 96	0 0 9 0 1	2 0 2 01	000 54	0 00 00	97 03 1	992 72	0 0 9 0 0	- - - 67	—	—	0.5	—	6.9	—
	Kandahar	000 71	0 00 00	98 00 0	011 91	0 0 9 0 0	- - - 97	000 51	0 00 00	97 00 0	023 83	0 0 9 0 0	- - - 62	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 16TH SEPTEMBER, 1951.

DIVISION	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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	Charbar	-	-	-	-	.	.	-	.	.	.	.	.	-	-	-	-	-	4
	Jask	-	-	-	-	.	.	-	.	.	.	.	.	-	-	-	-	-	5
	Masned	-	-	-	-	.	.	-	.	.	.	.	.	-	-	-	-	-	10
	Bushire	-	-	-	-	.	.	-	.	.	.	.	.	-	-	-	-	-	11
Arabia	Muscat	000 79	2 09 05	97 00 0	001 85	0 1 9 0 0	- - - 85	000 79	0 81 05	98 00 0	073 82	0 0 9 0 0	- - - xx	- 2	...	0	- 0.1	5.5	4
	Shariab	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 09 02	97 00 0	011 97	0 0 9 0 0	- - - 97	...	...	...	...	...	...	...	...	...	...	...	0

* 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 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 $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sv_sspp	8 $N_sCh_sh_s$	O $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Windsor	78 214	666 00	6 25 05	98 01 1	197 78	63 5 00	2 4 200	...	0 83 79	4 25 x0
City of Windsor	78 108	680 05	2 25 09	98 02 1	072 84	23 5 00	2 1 115	...	0 01 78	1 28 31
City of Bristol	78 206	710 12	0 28 05	97 00 0	106 84	00 9 00	2 5 200	...	0 02 74	1 22 29
City of Windsor	78 208	690 12	2 25 05	98 02 0	108 85	21 5 00	2 4 210	...	0 01 78	3 25 23
City of Bristol	78 194	722 18	2 28 05	97 02 0	131 81	21 6 00	2 5 202	...	0 64 74	1 28 20
BAY OF BENGAL										
Corfu	72 058	925 86	8 00 00	98 06 3	113 81	37 x 2x	2 6 019	...	0 51 78	...

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE:— iiiGG	PoPoPoToTo	TdoTdoTxoXtX2	PtPththt	TtTtTdtTdtTxt etc.	5555	hihiPtPtPt	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 15	005 27 225 60	060 32 262 28	854 86 200 63	700 25 085 51	509 14 569 97	301 52 879 97	555 55 329 00 191 49	238 97 191 44	433 63 280 91	883 80 170 77	106 80 055 76	206 54

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	18	19	20	21	22	23	24	25
Bogra											No ascent						26 21	27 23	27 26					
Dhaka	22 13	22 03	23 18	20 21	19 11	10 12					No ascent						24 29	24 28	23 21	19 23	18 13	17 32	07 26	14 06
Chittagong	21 17	21 21															18 15							
Cox's Bazar	21 10	21 15	21 18	23 12	25 12	27 13					20 15	21 15	21 17	21 18	23 13	25 11								
Jacobabad	25 12	27 10	30 13	29 15	23 21						22 19	23 22					22 23							
Dalbandin			04 07	03 07	14 05	15 07	04 10						27 10	29 12	30 06	31 07			05 04	05 00	03 04	01 07	25 15	04 06
Drosh					05 02	01 03	34 12	23 22	23 31					31 04	21 08	21 11					01 03	01 13	01 14	26 10
Fort Sandeman																				26 06	24 07	23 13	21 10	24 13
Jacobabad	18 10	21 11	22 11	22 17	23 12	30 01	10 10	03 08			20 23	21 10	25 15	22 11	26 08	25 17	17 11	23 16	23 13	24 03	25 08	01 13	08 16	04 19
Jhelum	17 03	16 02	16 02	29 04	30 16	30 20	31 18	31 21			25 03	14 05	26 13	25 10	30 11	04 16	09 09	13 11	15 07	10 03	30 10	28 16	04 12	28 25
Jiwani																								
Karachi	25 18	25 14	25 12	22 06	07 08	09 16	07 26	07 14	04 14	03 21	27 10	27 08	27 09	27 05	27 08	27 07	27 18	27 21	25 20					
Khanpur	23 26	22 27	22 27								23 27	22 27	24 22	25 15			23 31	23 25	24 31	25 13	23 12			
Lahore	19 04	15 04	19 04	29 09	33 09	30 15	33 16	34 18	31 20	31 27	27 06	25 07	28 09	28 11	30 08	33 09	22 26	20 06	26 09	20 04	25 12	30 12		
Multan	23 09	24 10	24 15	24 12	25 12	26 10	31 06	03 11			22 29	23 26	25 21	27 16			22 27	26 17	23 12	27 01	24 09	30 10		
Peshawar			09 04	10 05	24 03	25 09	26 15	31 21	31 25	30 35								24 07	24 10	24 08	23 11	31 25	24 21	
Quetta						27 04	18 04	03 08	35 12							33 09					23 07	24 19	09 09	01 14
Bushire																								
Bhariar																								

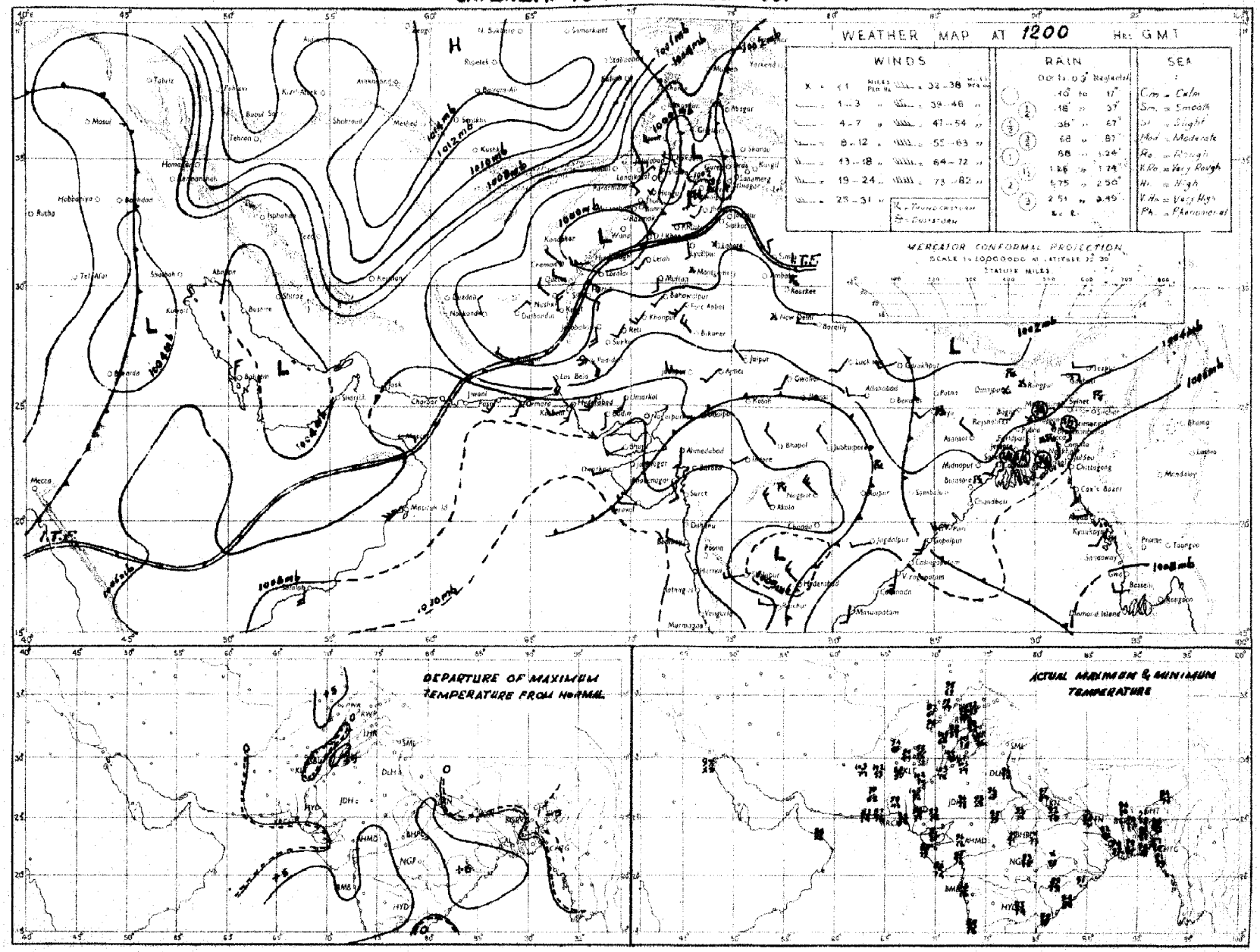
Cloud Observation Data (iiiGG Cddv, v_v)

* 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 0.2, 0.4, 0.6, 0.8, 1.0, 1.2, 1.4, 1.6, 1.8, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 6.0, 7.0, 8.0, 9.0 and 10.0 km. The levels given at the head of the columns are the nearest equivalent levels in thousands

N. P. W.

PAKISTAN DAILY WEATHER MAP

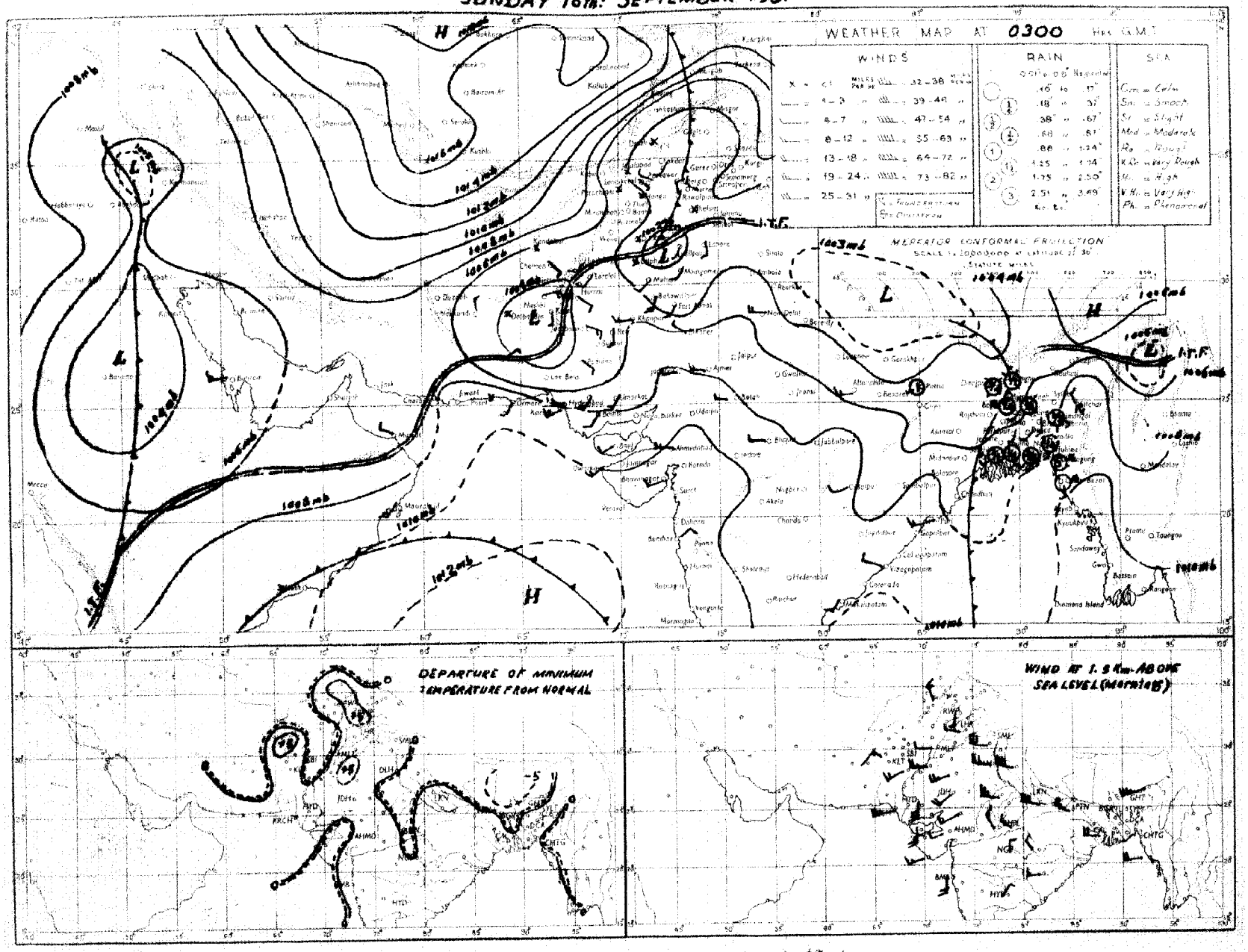
SATURDAY 15th: SEPTEMBER 1951



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 16th: SEPTEMBER 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 17TH SEPTEMBER, 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 east Persian Gulf.
Seasonal low extends from east Baluchistan to the north Punjab.

Fairly widespread rain/tnunderstorms have occurred in East Pakistan.

Chief amounts of rainfall are :—Srimangal 5", Chittagong 2", Cox's Bazar, Mymensingh and Dinajpur 1" each, Comilla ¾", Rangpur ½" and Brahmanbaria, Faridpur, and Bogra ¼" each.

Day temperatures were appreciably to markedly to markedly above normal in north Baluchistan, the north Punjab and the North-West Frontier Province and appreciably to markedly below normal in the Eastern districts of East Pakistan.

Forecast valid until the evening of 18th :—Fairly widespread rain/thunderstorms will occur in East Pakistan and scattered thunderstorms will occur in Kashmir, the upper North-West Frontier Province and the extreme north Punjab. Scattered duststorms/dust-raising winds will also occur in north-Baluchistan.

Karachi-11.
The 17th September, 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	004 78	8 00 00	98 08 6	071 78	6 5 5 2 0	- - x 81	110 76	8 00 00	94 08 9	108 76	4 5 5 2 0	- - - 76	- 6	- 1	91 3	- 12 5	100.0	140
	Chittagong	008 78	8 16 02	96 08 6	052 82	8 8 6 0 0	- - - 83	214 xx	8 16 05	95 97 9	102 71	8 8 6 0 0	- 71	- 4	- 6	87.9	+15.1	117.6	108
	Comilla	006 79	8 18 09	98 03 1	040 83	8 5 7 0 0	- - - 83	074 82	8 18 09	98 08 1	087 88	8 5 7 0 0	9 0 0 81	- 5	+ 4	91.6	+32.9	98 0	115
	Brahmanbaria	020 74	5 00 09	96 08 6	052 78	6 4 5 0 0	2 x x 86	620 79	8 18 05	97 08 1	082 84	2 5 5 2 x	- - - 77	—	—	46.4	+ 2 2	56.3	94
	Dacca	xxx 77	8 23 02	96 03 9	028 80	6 5 4 2	- - - 90	xxx 82	8 23 05	96 02 2	076 85	6 5 4 2 -	- - - 75	—	—	-	—		78
	Narayanganj	008 77	8 18 08	93 03 6	031 82	1 2 5 2 7	- - - 92	008 51	8 23 03	95 03 6	074 87	8 6 5 - -	- - - 79	+ 4	0	56.3	+11.6	75.2	74
	Mymensingh	000 79	8 09 02	97 02 2	026 83	9 7 5 - -	- - - 85	118 79	8 27 05	90 02 0	086 82	8 4 7 -	- - - 79	- 3	+ 1	39.2	- 18 8	47 3	91
	Srimangal	077 77	8 18 02	95 08 9	046 77	8 5 6 - -	- - - 80	488 78	8 36 02	95 08 9	089 74	5 5 6 2 -	- - - 72	- 11	- 8	60.0	+ 5.4	87.2	98
	Khulna	008 77	6 00 00	96 03 6	045 83	6 8 6 - -	- - - 92	008 81	6 23 05	97 02 1	089 86	6 8 6 0 0	- - - 82	+ 4	+ 5	41.2	- 4.2	49.7	68
	Satkhira	000 81	8 18 02	97 02 1	056 87	8 8 6 6 0	- - - 92	001 81	6 23 02	97 08 1	084 87	6 4 6 6 0	- - - 82	+ 3	+ 5	28 8	14.1	37.1	65
	Jessore	000 79	4 16 02	96 02 2	036 86	4 8 6 0 0	- - - 96	000 80	8 18 05	96 03 2	086 87	0 0 9 5 0	0 x 0 xx		-	29.9	10.4	37 1	60
	Faridpur	030 77	8 21 09	95 02 6	035 88	1 4 8 1 0	- - - 91	039 82	8 16 02	96 02 2	078 86	5 4 6 1 0	- - - 80	+ 4	+ 2	42.7	- 0.7	49.1	71
	Barisal	006 78	6 23 03	97 03 6	044 84	2 4 6 7 7	- - - 91	006 81	8 23 06	97 03 2	088 86	5 7 5 5 7	- - - 82	+ 3	+ 4	—	—	—	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 80	8 18 02	99 01 2	016 90	0 2 8 0 0	- - - 91	000 81	2 23 05	99 01 3	058 87	0 0 9 0 1	- - - 81	+ 4	+ 8	45.9	+ 4.7	55.9	64
	Bogra	000 79	8 23 02	96 03 1	015 88	1 1 7 2 0	- - - 92	033 79	3 23 05	96 01 9	063 87	0 0 9 0 5	- - - 77	+ 5	- 1	32.4	- 12.1	39.2	69
	Dinajpur	073 75	8 23 13	95 95 6	027 77	8 3 7 0 0	9 9 9 90	110 73	2 00 00	97 01 1	065 85	0 1 9 0 2	9 0 0 75	+ 2	- 3	40 5	10.8	44.8	72
	Rangpur	005 xx	8 09 02	96 02 5	— —	8 5 8 0 0	9 9 0 —	067 xx	7 27 02	96 02 6	— —	7 5 8 0 0	9 6 0 —	—	—	64.5	+ 8.3	73.8	64
KASHMIR	Srinagar †																		...
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Mingar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 63	0 34 02	96 00 0	985 88	0 0 9 0 0	- - - 80	000 65	0 20 02	96 00 0	023 79	0 0 9 0 0	- - - 75	+ 2	+ 1	5.9	- 3.0	10.2	12
	Lahore	000 66	0 27 02	98 00 0	998 97	0 0 9 0 0	- - - 09	000 63	0 23 05	96 00 0	024 83	0 0 9 0 0	- - - 78	+ 2	+ 6	10.6	- 3.5	14.7	19
	Sialkot	000 71	2 00 00	97 02 1	992 99	2 0 8 4 0	- - - 01	000 70	1 18 02	97 02 1	025 86	1 0 5 6 0	- - - 80	+ 6	+ 6	13.8	- 8.7	18.7	32
	Jhelum	000 71	1 27 02	96 01 1	988 99	1 1 7 0 0	- - - 01	000 72	0 00 00	98 00 0	025 85	0 0 9 0 0	- - - 78	—	—	16.5	—	25.8	—
	Rawalpindi	000 70	0 00 00	99 00 0	978 95	0 0 9 0 0	- - - 08	000 69	0 00 00	98 00 0	012 84	0 0 9 0 0	- - - 76	+ 4	+ 7	14.9	- 7.8	25.7	36
	Murree †	000 60	5 23 05	97 02 1	970 71	5 9 4 0 0	4 x x 76	000 55	0 27 02	96 00 1	947 64	0 0 9 0 0	9 x x 58	+ 6	+ 2	21.4	12.3	43.0	60
	Attock	xxx xx	0 07 05	98 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - xx	—		—	—	—	—
	Khushab	000 78	0 16 05	97 00 0	981 03	0 0 9 0 0	- - - 05	000 68	0 05 02	97 00 0	022 85	0 0 9 0 0	- - - 77	+ 5	+ 1	3.1	- 6.7	8.0	15
	Montgomery	000 68	0 00 00	96 00 0	906 99	0 0 9 0 0	- - - 90	000 65	0 20 03	96 00 0	034 81	0 0 9 0 0	- - - 76	- 1	+ 1	2.5	- 4.4	6.1	10
	Leiah	000 89	0 23 02	97 00 0	972 08	0 0 9 0 0	- - - 09	000 75	0 27 02	97 00 0	018 84	0 0 9 0 0	- - - 78	—	—	3.3	—	6.5	8
	Multan	000 59	0 18 05	97 00 0	992 00	0 0 9 0 0	- - - 02	000 68	0 18 05	97 00 0	021 80	0 0 9 0 0	- - - 78	+ 3	+ 1	3.8	- 0.9	6 9	7
	Khanpur	000 64	0 23 05	95 05 9	023 02	0 0 9 0 0	- - - 03	000 74	0 21 04	95 05 0	031 78	0 0 9 0 0	- - - 74	+ 2	- 1	0.3	4.5	1.9	6
	Bahawalpur	000 65	0 28 02	97 00 0	997 00	0 0 9 0 0	- - - 02	000 71	0 23 02	97 00 0	031 79	0 0 9 0 0	- - - 79	+ 2	+ 5	1.3	2.3	5.0	6
	Fort Abbas	000 93	0 23 10	96 00 0	994 03	0 0 9 0 0	0 x x 04												8
N. W. F. P.	Drosh *	000 39	1 20 10	99 01 1	868 95	1 1 7 0 0	4 x x 97	000 46	0 00 00	99 00 0	953 69	0 0 9 0 0	- - - 68	+ 5	+ 4	1.7	—	21.9	18
	Chakdara	000 57	0 31 02	99 00 0	970 93	0 0 9 0 0	- - - 98	000 53	0 00 00	98 00 0	028 77	0 0 9 0 0	- - - 71	—	—	6 5	—	18.9	—
	Cherat *	000 54	0 16 09	97 00 0	917 89	0 0 9 0 0	- - - 92	000 58	0 23 04	97 00 0	946 70	0 0 9 0 0	- - - 78	+ 9	+ 6	6.0	- 5.6	28.0	29
	Peshawar	000 60	0 02 05	96 00 0	972 98	0 0 9 0 0	- - - 00	000 64	0 00 00	96 00 0	022 84	0 0 9 0 0	- - - 71	+ 5	0	1.3	- 1.8	8.8	14
	Parachinar	000 48	0 13 02	99 00 0	939 84	0 0 9 0 0	- - - 88	000 44	0 15 00	99 00 0	954 74	0 0 9 0 0	- - - 62	+ 8	+ 4	9.2	—	26.7	20
	Miranshah	000 75	0 11 03	99 00 0	909 96	0 0 9 0 0	- - - 97	000 75	0 00 00	99 00 0	988 76	0 0 9 0 0	- - - 74	—	—	3.6	- 0.7	19.5	18
	Bannu	000 69	0 00 00	99 00 0	974 00	0 0 9 0 0	- - - 01	000 67	0 00 00	90 00 0	015 79	0 0 9 0 0	- - - 78	—	—	0.9		5.8	11
	D. I. Khan	000 71	0 00 00	96 00 0	974 04	0 0 9 0 0	- - - 05	000 71	0 09 02	96 00 0	020 80	0 0 9 0 0	- - - 75	+ 5	0	1.1	- 4.1	2.8	9
	Wana																		11
	Landikotal	000 68	0 13 03	98 00 0	895 93	0 0 9 0 0	- - - 97	000 56	0 31 03	99 00 0	931 88	0 0 9 0 0	- - - 49	—	—	3.4	—	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	—	—		—	—	—
	Thall							xxx xx	0 09 09	99 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 29	0 00 00	97 05 0	894 90	0 0 9 0 0	- - - 00	000 43	0 00 00	95 05 0	941 78	0 0 9 0 0	- - - 69	+ 9	+ 5	4.1	- 0.8	10.0	11
	Hindubagh	000 35	0 25 05	98 00 0	959 90	0 0 9 0 0	- - - 94	000 48	0 18 09	97 00 0	947 78	0 0 9 0 0	- - - 66	—	—	0.2	—	8.5	—
	Loralai	000 71	0 13 05	96 00 0	917 91	0 0 9 0 0	- - - 94	000 51	0 00 00	96 00 0	943 69	0 0 9 0 0	- - - 64	—	—	1.7	—	8.1	—
	Harnai (a)	000 xx	0 00 02	96 00 0	— —	0 0 9 0 0	- - - xx	000 xx	0 09 02	95 00 0	— —	0 0 9 0 0	- - - xx	—	—	2.0	- 5.2	10.6	14
	Sibi	000 61	0 23 05	99 00 0	993 06	0 0 9 0 0	- - - 06	000 66	0 00 00	98 00 0	031 85	0 0 9 0 0	- - - 79	—	—	2.2	—	3.8	5
	Quetta †	000 36	0 34 07	98 00 0	945 89	0 0 9 0 0	- - - 90	000 50	0 00 00	99 00 0	951 69	0 0 9 0 0	- - - 58	—	—	0.8	- 0.2	9.2	9
	Chaman	000 83	0 27 02	97 00 0	923 94	0 0 9 0 0	- - - 96	000 64	0 31 02	97 00 0	946 75	0 0 9 0 0	- - - 71	+ 6	+ 9	0	- 0.2	9.6	8
	Nushki	000 67	0 27 07	98 00 0	981 99	0 0 9 0 0	- - - 01	000 54	0 07 05	96 00 0	017 85	0 0 9 0 0	- - - 72	—	—	0	—	5.4	-
	Dalbandin *	000 44	0 23 05	95 05 0	880 01	0 0 9 0 0	- - - 02	000 37	0 00 00	96 00 0	942 74	0 0 9 0 0	- - - 62	+ 4	- 1	0	- 0.2	1.8	4
	Nokkundi	000 70	0 00 00	99 00 0	979 04	0 0 9 0 0	- - - 06	000 52	0 29 08	99 00 0	068 81	0 0 9 0 0	- - - 72	—	—	0	—	0.9	2
	Kalat †	000 57	0 32 05	98 00 0	857 82	0 0 9 0 0	- - - 88	000 43	0 18 02	98 00 0	866 60	0 0 9 0 0	- - - 53	+ 5	+ 6	0.8	- 0.4	9.7	7
	Turbat	000 84	0 25 02	97 00 1	065 91	0 0 9 0 0	- - - 97	000 76	8 24 02	94 02 2	096 79	8 8 7 0 0	9 0 0 76	—	—	0	—	1.4	—
	Panjgur *	000 29	0 05 02	97 00 0	935 97	0 0 9 0 0	- - - 98	000 47	0 05 02	97 00 0	956 69	0 0 9 6 0	- - - 61	+ 4	- 2	0	—	2.2	5
	Las Bela	000 71	0 16 04	99 00 0	021 97	0 0 9 0 0	- - - 98	000 73	0 00 00	99 00 0	059 80	0 0 9 0 0	- - - 77	—	—	1.6	—	1.7	5
	Ormara	000 81	6 23 13	97 05 0	054 85	1 5 6 0 0	- - - 85	000 78	5 25 09	97 03 1	072 79	6 5 6 0 0	- - - 77	—	—	0.3	- 0.6	3.1	6
	Pasni	000 72	0 23 12	97 00 0	961 34	0 0 9 0 0	- - - 86	000 72	7 27 08	96 02 1	076 78	7 4 5 0 0	3 x x 75	- 3	+ 2	9.8	- 0 1	5.0	6
	Jiwani																		4
SIND	Keti	000 82	0 18 09	98 00 0	016 98	0 0 9 0 0	- - - 06	000 73	8 18 10	96 08 0	047 77	6 8 8 0 2	- - - 73	—	—	1.7	—	2.2	—
	Jacobabad	000 59	0 16 09	97 00 9	008 99	0 0 9 0 0	- - - 02	000 70	0 13 10	98 00 0	027 80	0 0 9 0 0	- - - 76	- 1	0	0.2	- 2.0	0.7	4
	Sukkur	000 75	0 xx xx	96 00 0	007 01	0 0 9 0 0	- - - 01	000 73	0 xx xx	96 00 0	036 77	0 0 9 0 0	- - - 74	—	—	0.5	—	1.0	4
	Pad Idan	000 77	0 16 09	95 00 0	011 02	0 0 9 0 0	- - - 02	000 75	0 18 05	98 00 0	031 78	0 0 9 0 0	- - - 73	—	—	0.8	—	0.9	
	Karachi (Manora)	000 74	4 25 09	98 01 1	056 88	4 6 4 0 0	- - - 87	000 76	6 25 09	97 02 2	069 80	8 5 4 0 0	- - - 79	+ 2	+ 1	1.5	- 4 4	1 8	8
	Karachi (A. P.)	000 71	2 25 21	96 01 1	050 86	2 1 6 0 0	- - - 90	000 73	6 25 12	96 03 1	072 80	8 6 4 0 0	- - - 79	—	—	2.9	—	3.0	—
	Badin	000 70	3 22 07	96 00 0	050 89	0 0 9 0 0	- - - 93	000 74	4 23 07	97 02 0	071 81	4 5 9 0 0	- - - 77	- 2	+ 1	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 79	0 22 09	97 00 0	036 96	0 0 9 0 0	- - - 98	000 72	9 00 10	97 00 0	058 81	0 0 9 0 0	- - - 75	—	—	3.1	—	3.1	—
	Hyderabad	000 74	0 23 07	97 00 0	053 95	0 0 9 0 0	- - - 96	000 72	3 23 09	96 01 1	047 81	3 5 5 0 0	- - - 75	- 1	+ 2	1.8	- 4 1	2.0	7
JUNAGADH	Veraval																		28
AFGHANISTAN	Kabul	000 33	0 00 00	98 00 0	884 85	0 0 9 0 0	- - - 90							—					12
	Jalalabad	000 65	0 00 00	97 00 0	028 97	0 0 9 0 0	8 x x 80	000 71	0 00 00	97 00 0	990 85	0 0 9 0 0	- - - 71	—	—	0.5	—	6.0	—
	Kandahar	000 72	0 00 00	98 00 0	884 93	0 0 9 0 0	- - - 98	000 51	0 00 00	97 00 0	018 68	0 0 9 0 0	- - - 67	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 17TH SEPTEMBER, 1951

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd	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_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
	Masnee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	980 78	0 09 02	97 00	056 56	9 9 9 0 0	- - - 25	980 74	0 31 05	97 00	067 83	0 0 9 0 0	- - - xx	- 5	—	0	- 0.1	3.5	4
	Sharjah																		4
	Kuwait	980 xx	0 09 05	97 00	032 05	0 0 9 0 0	- - - 05	980 xx	0 34 12	97 00	026 89	0 0 9 0 0	- - - 26	—	—	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 (6,499-6,713 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,040-10, 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) Records 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	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalamayur	13 219	692 00	8 22 09	98 02 0	088 91	80 8 80				
City of Windsor	15 192	716 00	8 27 05	98 03 1	106 81	81 5 00	2 4 505		0 51 72	1 27 20
Jalamayur	13 207	686 06	8 22 81	98 02 0	069 82	80 7 80				
Jalamayur	13 198	694 12	8 23 09	98 02 0	091 85	80 7 80				
Jalakindra	13 998	747 12	7 24 05	08 48 1	088 85	82 6 81				
Jalamayur	13 198	699 18	8 22 09	98 03 1	119 81	80 7 80				
Dwarka	13 248	642 12	6 24 18	99 00 0	998 88	00 9 00	8 5 813		0 12 76	
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
Karachi	780 15	004 27	281 60	000 28	252 34	354 85	191 72	700 38	135 01	509 85	909 29	202 10	789 91	201 24	979 94	555 55	329 00	216 83	528 48	181 79	658 95	220 71	688 00	810 45	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. ††										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	12	14	15	15	14	15	16	17	18	19	20	21	22	23	24	25
Bogra	24 15	24 14	25 14	27 22	27 28	—	—	—	—	—	23 27	26 38	27 39	27 42	—	—	25 21	28 26	28 30	29 35	—	—	—	—
Chhor	22 15	21 21	21 23	21 17	19 99	—	—	—	—	—							23 20	23 26	23 26	22 29	14 15	06 33	07 21	05 08
Chittagong	18 19	19 13	—	—	—	—	—	—	—	—	17 17	19 25	—	—	—	—	19 04	21 07	21 08	25 19	—	—	—	—
Cox's Bazar	—	—	—	No	ascent	—	—	—	—	—	No	ascent	—	—	—	—	22 17	22 19	23 19	26 13	—	—	—	—
Dacca	21 11	23 17	24 19	—	—	—	—	—	—	—	21 24	—	—	—	—	—	22 18	25 19	27 19	27 19	—	—	—	—
Daibandit	—	—	21 02	14 04	05 03	04 09	04 41	14 04	24 24	21 35	—	—	29 07	06 07	30 04	28 01	—	—	26 01	26 08	25 05	24 05	05 19	30 08
Drome	—	—	—	—	13 03	25 05	26 13	24 13	23 21	27 26	—	—	—	32 03	21 04	19 04	—	—	—	—	06 06	24 16	25 21	—
Fort Sandeman	—	—	—	23 01	17 02	30 08	02 58	29 15	29 17	26 13	—	—	—	01 09	00 09	19 17	—	—	—	29 02	01 07	01 05	21 16	—
Hyderabad	20 20	21 13	22 13	23 11	26 08	02 06	05 07	05 15	05 11	—	20 19	20 12	21 09	22 05	21 11	—	15 16	21 15	22 13	23 11	29 06	24 14	09 10	—
Jacobabad	16 02	16 02	17 03	23 04	26 07	31 15	31 19	30 14	—	—	02 05	19 06	21 05	17 04	01 07	16 15	10 10	11 09	11 09	22 03	26 06	23 18	25 13	—
Jiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	25 23	26 24	27 19	26 20	25 08	24 22	—	—	—	—	26 19	26 19	25 16	—	—	—	27 21	27 24	27 23	—	—	—	—	—
Khanpur	23 27	23 17	23 20	23 17	24 17	—	—	—	—	—	21 23	22 27	24 20	—	—	—	22 23	24 24	25 20	25 14	26 03	23 08	06 05	23 05
Lahore	20 07	14 13	10 06	32 06	25 04	29 17	25 15	24 19	23 26	28 29	20 08	23 19	20 13	25 16	25 06	25 05	22 06	25 24	27 21	25 23	24 04	01 10	24 11	27 14
Multan	23 10	21 16	27 15	30 08	29 06	30 10	—	—	—	—	23 21	23 26	23 14	25 10	—	—	25 25	25 25	25 13	23 07	13 05	10 05	24 19	23 10
Peshawar	—	10 09	12 08	26 13	24 20	30 16	25 13	25 13	23 29	29 51	—	32 15	30 16	29 13	32 12	23 22	—	08 10	14 17	21 13	21 05	10 20	24 25	—
Quetta					21 19	28 05	26 05	28 13	21 16	03 01	—	—	—	—	25 04	27 16	—	—	—	—	20 06	23 16	08 19	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

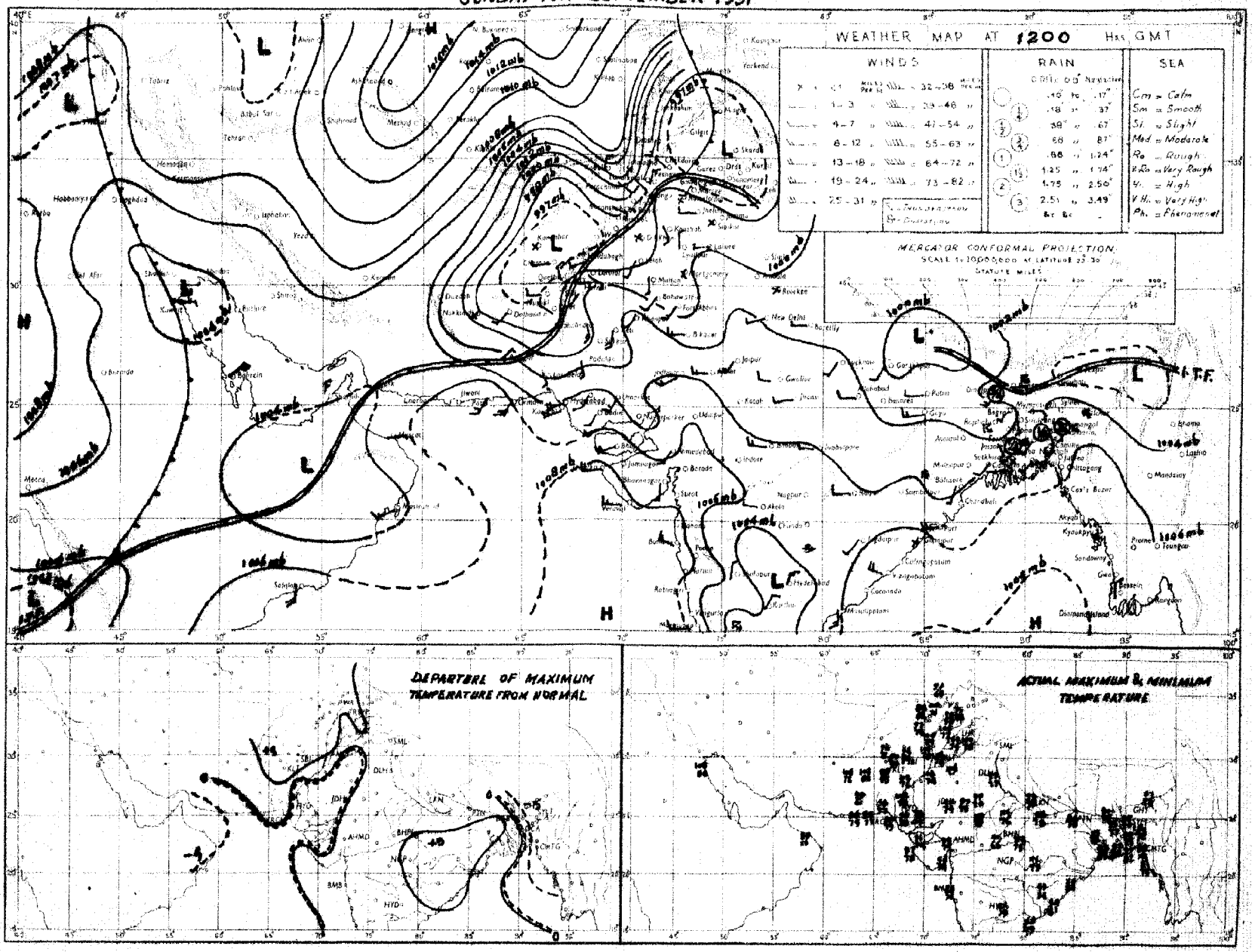
Cloud Observation Data (iiiGG Cddv, v,)

* 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 0.5, 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

K. P. W.

PAKISTAN DAILY WEATHER MAP

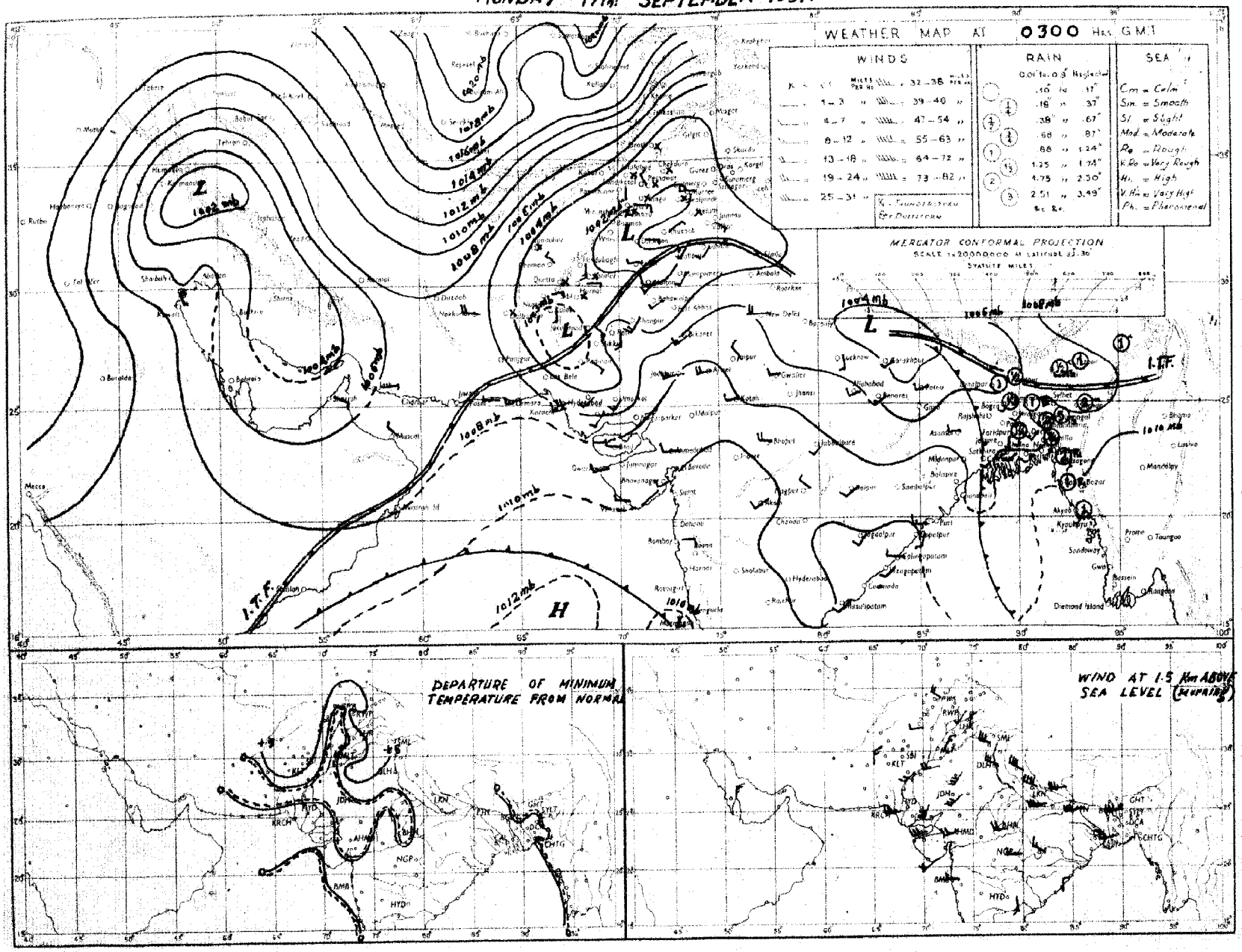
SUNDAY 16th: SEPTEMBER 1951



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

PAKISTAN DAILY WEATHER MAP

MONDAY 17th SEPTEMBER 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 18TH SEPTEMBER, 1951

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

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

Seasonal low lies accentuated over Baluchistan.

Local rain/thunderstorms have occurred in the Eastern and the Deltaic sub-divisions of East Pakistan. Srimangal reported 2" and Cox's Bazar 1" of rain.

Day temperatures were appreciably to markedly above normal in the north Punjab, the North-West Frontier Province, north Baluchistan and the Deltaic and the Northern sub-divisions of East Pakistan.

Forecast valid until the evening of 19th :—Local thunderstorms/showers will occur in East Pakistan. Dustraising winds will occur in north Baluchistan. Scattered thundery conditions are also likely to develop in the extreme north Punjab.

Karachi-11.
The 18th September, 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	110 75	6 00 00	95 03 9	086 75	3 5 6 2 0	- - - 83	110 70	3 00 00	96 01 1	117 85	2 2 6 2 0	- - × 74	- 4	- 2	92.4	11.9	107.9	140
	Chittagong	015 73	8 00 00	95 29 9	077 75	6 7 4 2	- - × 76	015 76	8 11 02	96 02 2	110 83	0 0 9 5 7	- × × 71	- 11	- 6	88.0	+14.9	117.7	108
	Comilla	000 79	8 13 05	98 03 1	065 85	8 4 7 0 0	- - - 85	000 79	8 13 05	98 03 1	120 82	8 5 7	- - - 78	- 2	+ 1	91.6	+32.5	98.0	116
	Brahmanbaria	000 78	4 13 02	97 08 1	053 84	4 4 5 0 0	- - - 89	000 79	6 18 02	97 03 1	105 81	5 5 5 0 0	- - - 74	—	—	46.4	+ 1.9	56.5	94
	Dacca	××× 79	7 23 02	96 03 2	051 80	2 5 6 0 1	- - - 98	000 81	8 23 05	97 02 2	095 86	7 5 5 0 8	- × - 79	—	—	—	—	—	78
	Narayanganj	000 78	6 18 07	95 01 1	050 85	0 0 9 0 2	- - - 95	000 80	8 23 03	95 03 2	099 85	8 5 5	- - - 81	+ 7	+ 2	56.3	+11.3	75.2	74
	Mymensingh	000 77	8 00 00	99 02 2	053 86	8 4 7 - -	- - - 87	000 79	8 00 00	99 02 2	086 83	8 4 7 - -	- - - 80	- 1	+ 2	39.2	18.9	47.3	91
	Srimangal	167 76	7 13 02	96 02 9	065 76	5 8 5 0 3	- - - 84	181 80	8 36 07	93 95 9	118 73	8 5 6 - -	1 × × 71	- 7	- 4	61.9	+ 6.8	89.0	98
	Khulna	000 78	6 18 02	96 02 1	066 85	6 8 6 0 0	- - - 94	000 81	4 23 03	98 01 0	107 87	4 8 7 0 0	- - - 82	+ 6	+ 5	41.2	4.4	49.7	69
	Satkhira	000 83	8 13 01	97 03 2	059 89	5 4 5 8 0	- - - 93	000 81	8 23 03	97 02 1	102 87	6 4 6 6 0	- - × 83	+ 4	+ 5	28.2	14.3	37.1	65
	Jessore	000 81	7 18 02	96 03 2	052 89	0 0 9 5 0	- - - 97	000 80	5 18 05	96 02 2	098 87	6 8 6 0 0	- - - ××			29.9	10.7	37.1	66
	Faridpur	000 83	8 16 05	95 02 2	053 86	2 4 8 1 0	- - - 86	000 82	8 20 02	97 02 2	101 86	6 4 6 1 0	- - × 81	- 1	+ 2	42.7	- 1.0	49.1	71
	Barisal	000 74	8 16 03	97 03 9	069 80	1 4 6 7 7	- - - 92	000 81	7 23 03	98 03 2	104 87	8 8 6 0 6	- × - 80	+ 4	+ 2	—			81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 78	6 00 00	99 03 2	036 88	0 0 9 0 4	- - - 93	000 81	6 18 03	99 03 2	087 86	4 2 8 0 0	- - - 82	+ 6	+ 4	45.9	+ 4.5	55.9	64
	Bogra	000 77	6 23 03	96 02 1	039 89	0 0 9 1 5	- - - 95	000 81	7 23 03	96 01 1	086 86	2 2 5 0 5	- × - 82	+ 7	+ 4	22.4	12.5	39.2	69
	Dinajpur	000 77	0 00 00	97 00 0	040 86	0 0 9 0 0	- - - 93	000 77	0 00 00	97 00 0	095 87	0 0 9 0 0	- - - 80	+ 5	+ 2	40.5	10.5	44.8	72
	Rangpur	000 ××	3 00 00	98 03 1	—	3 1 8 0 0	- - - —	000 ××	3 00 00	96 03 1	—	8 5 8 0 0	- - - ××	—	—	64.5	+ 7.9	73.8	84
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 67	0 13 02	96 00 0	998 96	0 0 9 0 0	- - - 97	000 63	0 20 02	96 00 0	050 81	0 0 9 0 0	- - - 77	- 1	+ 3	8.9	3.0	10.2	12
	Lahore	000 63	0 00 00	98 00 0	010 97	0 0 9 0 0	- - - 01	000 67	0 25 03	96 00 0	065 83	0 0 9 0 0	- - - 77	+ 3	+ 5	10.6	3.5	14.7	19
	Sialkot	000 69	1 23 02	97 02 1	001 97	1 0 8 6 0	- - - 00	000 68	1 13 02	97 02 1	063 85	0 0 9 0 4	- × - 79	+ 5	+ 5	13.8	8.8	18.7	23
	Jhelum	000 67	0 20 03	96 00 0	996 96	0 0 9 0 0	- - - 00	000 68	5 00 00	96 03 1	069 82	0 0 9 7 0	3 × 9 76	—	—	16.5		25.9	—
	Rawalpindi	000 65	0 20 03	99 00 0	991 95	0 0 9 0 0	- - - 99	000 59	3 00 00	98 02 1	036 81	3 2 7 0 9	- - 75	+ 5	+ 6	14.9	7.9	25.7	36
	Murree †	000 55	5 20 09	96 02 1	039 70	5 9 4 0 0	4 × × 74	000 50	× 00 00	96 02 1	968 62	6 5 5 0 0	9 × × 57	+ 6	+ 1	21.4	12.5	43.0	59
	Attock	××× ××	1 31 02	98 00 0	—	1 - 6 0 0	- - - —	××× ××	0 00 00	98 00 0	—	0 0 9 0 0	- - - ××	—		—		—	
	Khushab	000 74	0 00 05	97 00 0	988 02	0 0 9 0 0	- - - 04	000 67	0 14 05	97 00 0	060 84	0 0 9 0 0	- - - 78	+ 5	+ 2	3.1	- 6.7	8.9	15
	Montgomery	000 59	0 16 03	96 00 0	005 96	0 0 9 0 0	- - - 99	000 68	0 27 05	96 00 0	059 82	0 0 9 0 0	- - - 77	- 1	+ 2	2.5	4.4	6.1	10
	Leiah	000 89	0 18 03	97 00 0	987 02	0 0 9 0 0	- - 05	000 78	0 18 02	97 00 0	046 83	0 0 9 0 0	- - - 81	—	—	0.9		0.6	8
	Multan	000 69	0 23 05	97 00 0	002 97	0 0 9 0 0	- - - 03	000 69	0 23 05	97 00 0	048 80	0 0 9 0 0	- - - 89	+ 4	+ 5	3.3	0.9	6.9	7
	Khanpur	000 81	0 21 09	95 05 0	004 00	0 0 9 0 9	- - - 02	000 73	2 21 12	95 05 1	056 77	0 0 9 4 0	2 × 9 76	+ 1	+ 1	0.3	4.5	1.9	6
	Bahawalpur	000 67	0 28 02	97 00 0	002 99	0 0 9 0 0	- - - 00	000 70	0 20 05	97 00 0	052 79	0 0 9 0 0	- 78	0	+ 4	1.9	2.3	5.0	8
	Fort Abbas	000 89	0 23 03	96 00 0	008 99	0 0 9 0 0	0 × × 09	000 72	0 23 04	95 00 0	068 84	0 0 9 0 0	0 × × 65		—	2.8	—	3.7	8
N. W. F. P.	Drosh *	000 35	0 25 32	99 01 0	886 93	1 1 7 0 0	- - - 97	000 41	0 00 00	99 00 0	985 70	0 0 9 0 0	- - - 68	+ 6	+ 4	1.7	—	21.9	18
	Chakdara	000 63	0 27 02	99 00 0	974 93	0 0 9 0 0	- - - 97	000 61	0 00 00	98 00 0	059 77	0 0 9 0 0	- - - 71	—	—	6.5	—	18.8	—
	Cherat *	000 48	0 18 09	97 00 0	924 88	0 0 9 0 0	- - - 93	000 60	0 16 04	97 00 0	965 73	0 0 9 0 0	- - - 70	+ 9	+ 5	6.0	- 5.7	23.0	29
	Peshawar	000 56	1 02 07	96 02 1	975 97	1 1 7 0 0	- - - 01	000 60	0 00 00	96 00 0	052 81	0 0 9 0 0	- - - 72	+ 6	+ 1	1.3	- 2.8	8.6	14
	Parachinar	000 32	0 13 02	99 00 0	944 84	0 0 9 0 0	- - - 87	000 51	0 00 00	99 00 0	939 73	0 0 9 0 0	- - - 63	+ 7	+ 5	9.2		26.7	28
	Miranshah	000 79	0 07 07	99 00 0	917 95	0 0 9 0 0	- - - 98	000 69	0 00 00	99 00 0	939 77	0 0 9 0 0	- - - 78		—	3.6	0.7	10.5	15
	Bannu	000 53	0 07 03	99 00 0	977 99	0 0 9 0 0	- - - 00	000 67	0 00 00	99 00 0	053 80	0 0 9 0 0	- - - 77	—	—	0.9		5.8	11
	D. I. Khan	000 58	0 09 02	96 00 0	994 04	0 0 9 0 0	- - - 03	000 68	0 00 00	96 00 0	060 80	0 0 9 0 0	- - - 65	+ 3	- 10	1.1	4.2	2.6	9
	Wana																		11
	Landikotal	000 87	0 13 02	98 00 0	900 98	0 0 9 0 0	- - - 98	000 59	0 00 00	97 00 0	958 80	0 0 9 0 0	- - - 70	—	—	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 28 15	99 00 0	—	0 0 9 0 0		××× ××	0 36 09	99 00 0	—	0 0 9 0 0	- - - ××	—	—	—		—	-
BALUCHISTAN	Fort Sandeman	000 25	0 00 00	97 05 0	882 95	0 0 9 0 0	- - - 98	000 50	0 30 00	95 05 0	982 78	0 0 9 0 0	- - - 69	+ 7	+ 5	4.1	- 0.8	10.0	11
	Hindubagh	000 35	0 23 06	98 00 0	925 90	0 0 9 0 0	- - - 04	000 44	0 27 02	97 00 0	958 78	0 0 9 0 0	- - - 65	—	—	0.2	—	8.5	-
	Loralai	000 63	0 13 02	96 00 0	900 90	0 0 9 0 0	- - - 02	000 51	0 00 00	96 00 0	952 67	0 0 9 0 0	- - - 57	—	—	1.7	—	8.1	-
	Harnai (a)	000 ××	0 27 02	96 00 0	—	0 0 9 0 0	- - - —	000 ××	0 13 02	96 00 0	—	0 0 9 0 0	- - - ××			2.0	5.3	10.6	14
	Sibi	000 63	0 28 05	98 00 0	002 02	0 0 9 0 0	- - - 02	000 67	0 00 00	98 00 0	043 84	0 0 9 0 0	- - - 80	—	—	2.2	—	3.8	5
	Quetta †	000 40	0 34 09	98 00 0	943 89	0 0 9 0 0	- - - 61	000 38	0 00 00	99 00 0	953 65	0 0 9 0 0	- - - 52	—	—	0.8	0.2	9.8	9
	Chaman	000 76	0 27 03	97 00 0	913 95	0 0 9 0 0	- - - 97	000 27	0 09 03	96 00 0	953 79	0 0 9 0 0	- - - 69	+ 7	+ 7	0	0.2	9.6	8
	Nushki	000 33	0 27 10	97 00 0	976 01	0 0 9 0 0	- - - 02	000 35	0 09 03	96 00 0	023 84	0 0 9 0 0	- - - 75		—	0		5.4	
	Dalbandin *	000 59	0 29 02	98 00 0	924 05	0 0 9 0 0	- - - 04	000 42	0 05 02	96 00 0	954 74	0 0 9 0 0	- - - 65	+ 4	+ 2	0	0.3	1.8	4
	Nokkundi	000 80	0 34 18	97 05 1	977 02	0 0 9 0 0	- - - 05	000 55	0 34 09	99 00 0	025 84	0 0 9 0 0	- - - 77	—	—	0	—	0.9	2
	Kalat †	000 43	0 36 05	98 00 0	951 94	0 0 9 0 0	- - - 88	000 46	0 18 09	98 00 0	977 82	0 0 9 0 0	- - - 53	+ 5	+ 6	0.8	0.4	9.7	7
	Turbat	000 82	0 20 03	97 00 2	057 97	0 0 9 0 0	- - - 97	000 76	0 20 02	96 03 1	×× 79	0 0 9 0 0	6 - × 75	—	—	0		1.4	—
	Panjgur *	000 20	0 05 02	97 00 0	933 98	0 0 9 0 0	- - - 99	000 47	0 05 02	97 00 0	957 69	0 0 9 0 0	- - - 60	+ 5	- 8	0		8.2	5
	Las Bela	000 71	0 05 06	98 00 0	021 97	0 0 9 0 0	- - - 99	000 74	0 00 00	99 00 0	069 80	0 0 9 0 0	- - - 78	—	—	1.6	—	1.7	8
	Ormara	000 81	2 25 09	97 07 0	048 84	2 5 6 0 0	- - - 84	000 79	2 25 05	97 01 0	081 80	2 5 6 0 0	- - - 78			0.3	- 0.5	3.1	6
	Pasni	000 78	0 23 12	97 00 0	054 34	0 0 9 0 0	- - - 86	000 73	3 27 05	96 01 1	084 79	0 0 9 3 0	8 × 6 73	- 3	0	0.8	0.1	4.9	6
	Jiwani																		4
SIND	Beti	000 80	0 18 09	96 00 0	004 03	0 0 9 0 0	- - - 05	000 74	0 18 09	96 00 0	057 78	0 0 9 0 0	- - - 78	—	—	1.7	—	2.3	
	Jacobabad	000 69	0 16 05	97 00 9	004 97	0 0 9 0 0	- - - 09	000 71	0 13 10	96 00 9	048 80	0 0 9 0 0	- - - 77	- 4	+ 1	0.2	2.0	0.7	4
	Sukkur	000 70	0 ×× ××	96 00 0	082 98	0 0 9 0 0	- - - 02	000 71	0 ×× ××	96 00 0	045 77	0 0 9 0 0	- - - 74			0.5	—	1.0	4
	Pad Idan	000 77	0 18 02	98 00 0	007 00	0 0 9 0 0	- - - 01	000 74	0 13 05	98 00 0	039 78	0 0 9 0 0	- - - 73	—	—	0.8		9.9	
	Karachi (*Manora*)	000 76	2 25 09	98 01 1	059 83	2 1 4 0 0	- - - 87	000 74	7 27 13	97 02 2	077 80	7 6 4 0 0	- - - 79	+ 2	+ 2	1.5	- 4.4	1.6	3
	Karachi (*A. P.*)	000 72	5 25 09	98 01 1	061 84	5 4 0 0 0	- - - 85	000 74	8 25 14	96 02 2	079 81	8 6 4	- - - 78		—	2.9		3.0	
	Badin	000 69	5 22 09	97 00 0	059 87	5 5 7 0 0	- - - 91	000 74	0 28 09	97 00 0	087 80	4 5 9 0 0	- - - 77	- 4	+ 1	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 71	0 23 14	97 05 0	058 92	0 0 9 0 0	- - - 95	000 72	0 23 16	97 00 0	044 81	0 0 9 0 0	- - - 76	—	—	2.1	—	2.1	
	Hyderabad	000 71	2 23 09	97 01 0	049 90	0 0 9 4 0	- - - 94	000 69	1 12 09	97 01 0	060 82	1 5 7 0 0	- - - 78	- 8	+ 2	1.8	- 4.1	2.0	7
JUNAGADH	Veraval																		24
AFGHANISTAN	Kabul	000 44	1 07 03	98 01 0	977 83	0 0 9 0 1	- × - 88	000 31	0 16 02	98 00 0	991 61	0 0 9 0 0	- - - 51	—	—	0.7	—	10.5	12
	Jalalabad	000 46	1 00 00	97 01 0	084 02	0 0 9 4 0	2 × 9 80	000 47	0 27 02	96 00 1	995 72	0 0 9 0 0	- - - 63	—	—	0.5	—	6.0	-
	Kandahar	000 75	0 23 05	98 00 0	984 93	0 0 9 0 0	- - - 99	000 51	0 00 00	97 00 0	910 63	0 0 9 0 0	- - - 55	—	—	0	—	10.4	-

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 18TH SEPTEMBER, 1951.

Division	Station	At 1200 Hrs. G.M.T. of previous day. RRR T_dT_d	N dd	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_W D_M T_{mx} T_{mn}$	At 0300 Hrs. G.M.T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_W D_M T_{mx} T_{mn}$	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	21
Iran	Charba:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Arabia	Musca:	000 76	0 13 02	97 00	0046 86	0 0 9 0 0	- - - 87	000 80	0 31 02	96 00	0071 88	0 0 9 0 0	- - - xx	- 6	—	0	- 0.1	3.2	4
	Shariab	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 22 05	97 00	0038 00	0 0 9 0 0	- - - 01	000 xx	0 31 10	97 00	0057 98	0 0 9 0 0	- - - 85	—	—	0	—	1.5	5

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,356 feet according to latitude..
† Barometer readings reduced to 2 geodynamic Kilometre (6,500-6,715 feet according to latitude..
†† Barometer readings reduced to 3 geodynamic Kilometre (10,040,-10, 069 feet according to latitude).
(a) Reports only rainfall..
Whenever 999 is given for RRR see the summary on page 3 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	0 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										
Jalamayur	23 182	705 00	3 29 05	98 02 8	098 81	30 7 30	—	—	—	—
Sabastiano Cabals	23 284	641 00	1 74 15	98 01 0	090 79	11 4 00	—	—	—	—
Jalamayur	23 171	716 06	2 27 04	98 02 0	090 85	30 7 30	—	—	—	—
Jalakendra	23 096	718 06	6 34 00	98 02 1	126 85	11 6 68	—	—	—	—
City of Evansvidle	23 179	682 06	3 21 06	99 02 0	125 84	32 6 00	2 4 120	—	0 01 74	1 29 42
Sabastiano Cabo	23 217	626 12	1 28 25	98 01 1	059 82	11 6 00	—	—	—	—
Jalamayur	23 182	718 12	2 27 03	98 02 0	099 89	xx xxx	—	—	—	—
Malika	23 081	731 12	6 32 11	98 02 0	084 85	21 6 02	—	—	—	—
Jalakendra	22 097	708 12	4 36 05	98 02 1	081 84	11 6 66	—	—	—	—
City of Villa	23 188	704 18	3 32 05	98 02 0	122 81	11 7 81	2 4 320	—	0 52 70	1 32 52
Jalamayur	23 153	724 18	3 27 03	98 02 0	105 86	30 7 20	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1T11 etc.	5555	h1h1P1P1P1	T1T1Td1Td1T11 etc.
1	2	3	4	5	6	7	8	9	10
Karachi ...	780 15	004 26	238 60	000 19	282 30	854 85	210 99	700 38	145 86	509 88	509 97	302 18	759 97	201 42	959 94	555 55	220 00	211 51	418 74	201 34	608 17	220 55	668 00	220 32	216 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. ††										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	25 12	24 14	25 15	26 25	26 30	—	—	—	—	—	22 20	23 30	25 29	—	—	—	22 16	27 15	27 16	27 17	27 16	27 24	27 26	—
Dhn*	24 11	24 20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22 25	23 32	25 26	21 15	—	—	—	—
Chittagong	09 14	17 15	18 16	—	—	—	—	—	—	—	No	ascent	—	—	—	—	18 10	19 29	29 09	27 08	29 09	30 06	30 12	25 10
Cox's Bazar	—	—	—	—	No	ascent	—	—	—	—	18 25	19 19	25 17	25 13	23 09	—	19 06	20 05	18 08	32 05	—	—	—	—
Dacca	24 08	24 11	26 14	28 18	28 28	—	—	—	—	—	20 20	—	—	—	—	—	21 16	23 16	25 11	25 09	27 09	—	—	—
Dalbandin	—	—	12 01	32 03	34 04	27 04	35 00	—	—	—	—	—	01 02	02 21	09 03	29 06	—	—	02 02	06 02	14 02	22 05	03 08	08 18
Drost	—	—	—	—	06 12	33 04	xx xx	34 21	20 17	28 48	—	—	—	20 01	23 05	20 10	—	—	—	—	19 01	20 01	35 19	04 12
Fort Sandeman	—	—	—	31 05	24 05	25 05	30 14	36 12	—	—	—	—	—	02 06	31 24	31 14	—	—	—	27 06	01 07	31 10	25 10	—
Faesabad	18 06	21 05	25 07	35 03	06 05	01 08	01 08	26 08	—	—	19 15	21 08	25 06	25 07	27 06	—	16 11	21 08	27 02	28 05	32 11	34 15	07 06	—
Fheiye	18 08	17 08	17 07	24 05	28 07	30 08	—	—	—	—	12 08	15 06	xx xx	14 05	16 04	18 12	20 05	14 09	15 09	11 05	23 05	32 07	33 15	—
Piwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	25 25	27 25	27 24	—	—	—	—	—	—	—	26 30	26 29	27 25	—	—	—	26 34	27 25	27 22	—	—	—	—	—
Khanpur	22 13	21 10	22 13	24 15	25 13	19 03	35 07	33 13	—	—	No	ascent	—	—	—	—	20 20	22 16	24 10	25 08	26 08	17 02	24 07	23 13
Lanore	—	—	—	—	—	—	—	—	—	—	18 07	20 00	21 09	25 09	26 12	19 02	25 13	27 20	27 16	29 02	30 04	31 08	29 11	31 20
Multar	20 17	21 05	21 09	23 02	21 01	24 06	32 13	01 11	—	—	21 45	22 54	25 26	—	—	—	19 15	22 21	23 15	23 04	19 01	32 05	35 13	31 29
Peshawar	—	—	—	—	—	—	—	—	—	—	—	32 12	29 04	25 13	28 11	—	—	26 15	32 26	33 09	34 06	31 11	—	—
Quetta	—	—	—	—	34 12	31 28	37 21	05 04	02 11	35 28	—	—	—	—	27 17	30 28	—	—	—	—	30 03	30 16	35 20	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bhariab	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

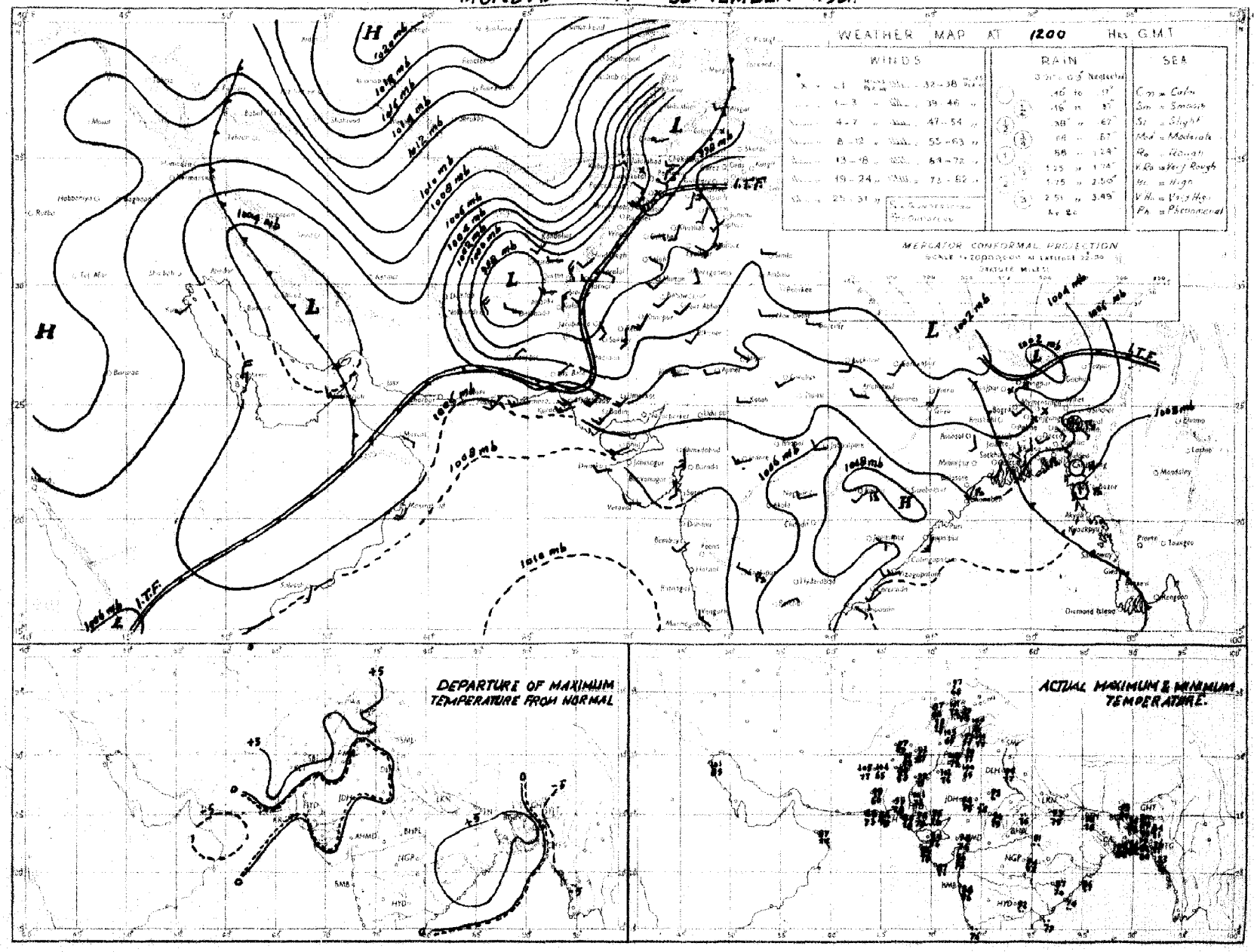
Cloud Observation Data (iiiGG Cddv, v_s)

* 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 0.3, 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

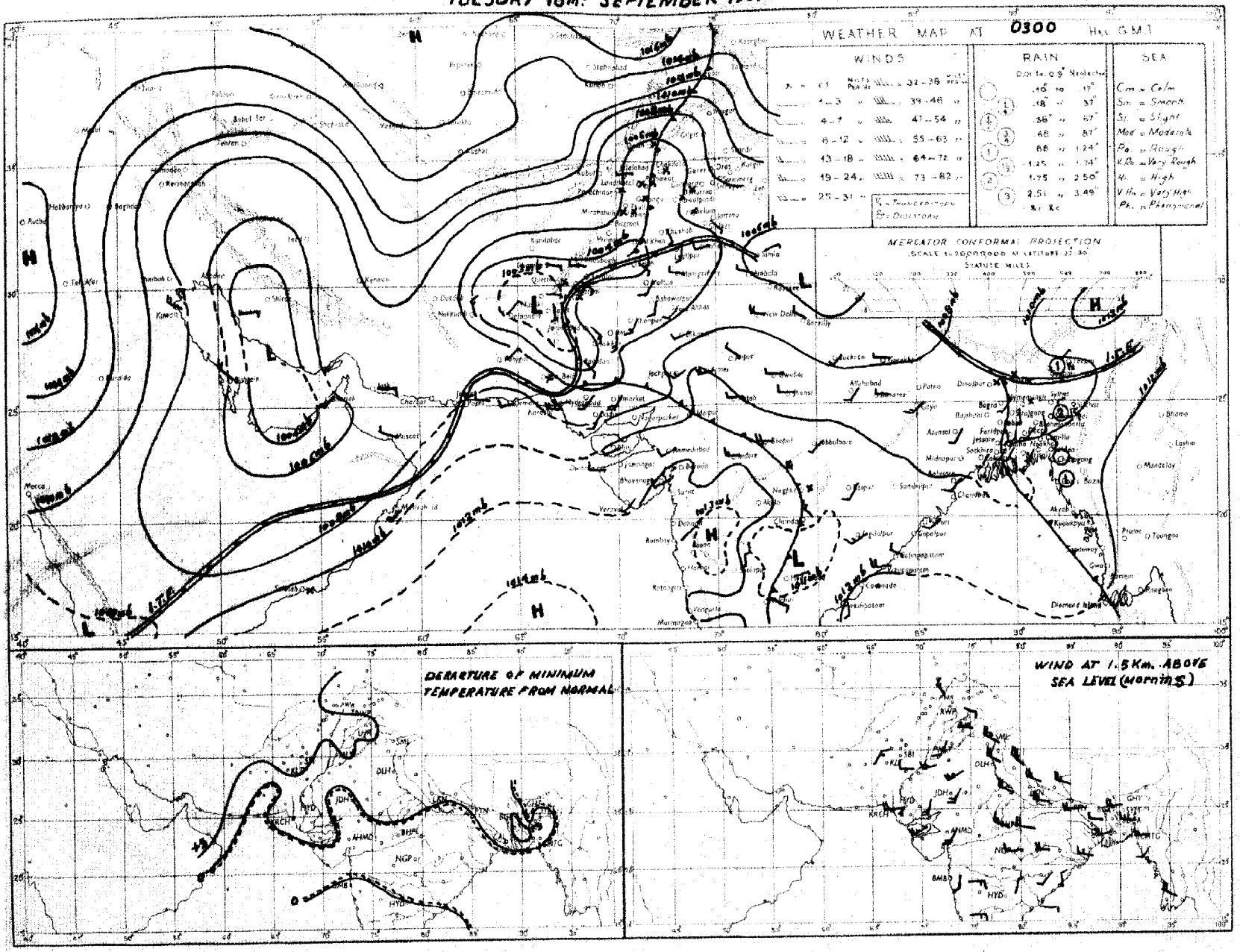
MONDAY 17th. SEPTEMBER 1951



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 18th: SEPTEMBER 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 19TH SEPTEMBER, 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 West Bengal.

Steep pressure gradient exists over Iraq.

Local rain/thundershowers have occurred in East Pakistan. Isolated thundershower have also been reported from the extreme north Punjab.

Chief amounts of rainfall are :—Brahmanbaria 1¼", Srimangal and Jessore ¾" each ; Narayanganj ½" and Murree ¼".

Day temperatures were markedly to considerably above normal in the upper North-West Frontier Province and appreciably above normal in north Baluchistan and the Deltaic Sub-division of East Pakistan.

Forecast valid until the evening of 20th :—Local rain/thunderstorms will occur in East Pakistan. Isolated thundery conditions are also likely to develop in the extreme north Punjab.

Karachi-11.
The 19th September, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T of previous day : RRRTdTd	NddFF	VVwwW	PPPTT	NhCLhCMCH	WtDsDmTxTx	At 0300 Hrs. G. M. T. of date : RRRTdTd	Nddff	VVwwW	PPPTT	NhCLhCMCH	WtDsDmTnTn	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	100 78	3 00 00	95 01 1	096 86	1 1 6 2 1	- - - 90	000 80	2 00 00	97 01 1	120 86	2 2 6 0 0	- - - 77	+3	+1	92.4	-21.9	102.0	140
	Chittagong	000 78	8 20 05	96 02 2	082 84	1 6 5 6 5	- - - 87	600 79	5 00 00	96 03 2	116 85	4 8 5 0 1	- x - 79	0	+2	88.0	+14.5	117.7	108
	Noakhali							000 80	1 18 02	95 01 1	xxx 82	1 1 6 0 0	- - - 75	—	—	—			...
	Comilla	000 79	8 13 05	98 03 1	081 82	8 4 7 0 0	- - - 82	000 79	7 18 05	98 01 1	122 85	7 4 7 0 0	- - - 80	-6	+3	91.6	+22.1	98.0	115
	Brahmanbaria	085 76	2 00 00	97 03 6	090 80	2 4 5 0 0	- - - 83	164 73	8 00 00	95 68 6	121 74	8 0 7 2	- x x 73	—	—	48.0	+3.1	58.1	94
	Dacca	xxx 73	8 00 00	94 95 9	085 73	4 9 4 2 -	- - - 90	xxx 81	7 23 02	97 08 1	110 85	4 4 4 0 1	- x - 72	—	—				78
	Narayanganj	000 75	6 36 02	92 65 2	084 75	0 0 7 7 -	- - - 94	064 79	4 27 02	95 01 6	107 85	4 4 5 0 0	- - - 75	+6	-4	57.0	+11.6	75.9	74
	Mymensingh	000 77	8 09 02	99 02 2	083 86	8 4 7 - -	- - - 86	015 79	8 00 00	99 02 6	116 82	8 4 7 6 4	- x x 79	0	+1	39.3	19.8	47.5	91
	Srimangal	109 75	5 05 02	96 02 9	087 79	2 2 6 0 3	- x - 80	063 79	7 00 00	96 93 1	119 82	5 8 6 3 0	- - x 72	-11	-3	62.5	+7.1	89.7	98
	Khulna	000 78	2 00 00	98 01 1	081 85	2 8 7 0 0	- - - 94	000 80	5 23 02	97 01 1	120 87	5 8 6 0 0	- x - 81	+6	+4	41.2	-4.6	49.7	69
	Satkhira	000 83	7 18 02	97 02 1	082 89	6 4 6 6 0	- - - 93	000 81	6 00 00	97 02 1	113 88	6 4 6 6 0	- - - 81	+4	+4	28.8	14.6	37.1	65
	Jessore	081 79	6 18 02	96 03 6	075 82	6 8 6 0 0	3 0 0 94	081 81	3 23 02	96 01 2	110 87	3 8 6 0 0	- - - 74	—		30.8	10.1	37.9	65
	Faridpur	017 75	8 18 02	95 95 6	079 77	6 6 6 1 0	- - x 56	017 81	6 20 02	97 01 1	107 85	4 4 6 1 0	- - x 77	-1	-1	42.8	-1.1	49.2	71
	Barisal	000 81	8 23 08	97 03 2	077 86	1 3 6 5 6	- - - 92	000 86	5 20 08	98 01 1	113 88	5 4 6 0 0	- - - 81	+4	+3	—		—	81
	Pabna																		50
	Rampur Boalia																		58
	Sirajganj	000 76	8 13 03	98 02 2	068 88	8 4 7 0 0	- - - 94	000 79	6 18 02	99 08 2	108 85	6 2 7 0 0	- - - 77	+7	-1	45.9	+4.1	55.9	54
	Bogra	000 78	6 00 00	96 03 1	063 91	4 2 5 0 1	- - - 95	000 79	8 18 02	96 02 6	102 82	5 5 5 2 -	- - x 75	+7	-3	82.4	13.9	89.2	69
	Dinajpur	000 77	0 00 00	97 00 0	076 90	0 0 9 0 0	- - - 95	000 77	3 00 00	97 02 2	103 88	0 0 9 4 0	- - x 76	+7	-2	40.5	+11.4	44.8	72
	Rangpur	000 xx	3 09 02	98 02 1	— —	3 1 8 0 0	- - - —	000 xx	5 09 02	97 02 1	— —	5 5 8 0 0	- - - xx	—	—	64.5	+7.4	73.8	84
KASHMIR	Srinagar †																		...
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 63	0 23 04	96 00 0	026 95	0 0 9 0 0	- - - 95	000 66	0 00 00	96 00 0	070 80	0 0 9 0 0	- - - 75	-2	+1	5.0	3.1	10.2	12
	Lahore	000 64	0 27 03	96 00 1	030 96	0 0 9 0 0	3 x x 99	000 66	0 00 00	96 00 1	083 79	0 0 9 0 0	9 x x 73	+1	+1	10.6	3.6	14.7	19
	Sialkot	000 66	5 31 04	97 02 1	030 96	0 0 8 1 0	- - - 96	000 64	2 05 02	97 02 1	080 82	0 0 9 0 4	- - - 75	+1	+1	13.8	9.0	18.7	32
	Jhelum	000 67	1 23 02	96 01 0	027 95	1 2 7 0 0	- - - 97	000 64	0 00 00	95 05 0	092 80	0 0 9 0 0	- - - 72	—	—	16.6		25.8	
	Rawalpindi	000 62	2 20 02	95 01 1	008 94	2 5 6 0 0	- - - 97	000 61	0 00 00	97 00 1	075 80	0 0 9 0 0	- - - 73	+3	+4	14.9	7.9	25.7	36
	Murree †	015 57	6 05 03	95 95 9	xxx xx	6 9 3 0 0	5 x x xx	018 57	5 27 05	95 02 9	079 62	5 1 4 0 0	- - - 56	—	0	21.6	12.5	43.2	59
	Attock	xxx xx	0 05 02	97 00 0	— —	0 0 9 0 0	- - - xx	xxx xx	0 33 05	97 00 0	— —	0 0 9 0 0	- - - xx	—		—	—	—	
	Khushab	000 61	0 20 05	97 00 0	021 98	0 0 9 0 0	- - - 00	000 65	0 11 05	97 00 0	080 81	0 0 9 0 0	- - - 76	+1	0	3.1	-6.8	8.0	15
	Montgomery	000 84	0 00 00	96 00 0	037 95	0 0 9 0 0	- - - 98	000 68	0 00 00	96 00 0	074 83	0 0 9 0 0	- - - 76	-3	+1	2.5	4.5	6.1	10
	Leiah	000 87	0 23 02	97 00 0	009 99	0 0 9 0 0	- - - 01	000 79	0 00 00	97 00 0	067 81	0 0 9 0 0	- - - 80	—	—	0.9		6.5	8
	Multan	000 68	0 18 02	97 00 0	032 96	0 0 9 0 0	- - - 97	000 71	0 18 05	97 00 0	071 81	0 0 9 0 0	- - - 79	-2	+2	8.8	1.0	6.9	7
	Khanpur	000 78	0 20 05	95 05 1	020 00	0 0 9 0 0	9 x x 99	000 73	0 21 10	95 05 0	070 84	0 0 9 0 0	- - - 77	-2	+2	0.8	4.5	1.9	8
	Bahawalpur	000 67	0 28 02	97 00 0	031 97	0 0 9 0 0	- - - 90	000 72	0 20 06	97 00 0	068 81	0 0 9 0 0	- - - 79	-2	+5	1.9	2.3	5.0	6
	Fort Abbas	000 87	0 23 03	96 00 0	039 98	0 0 9 0 0	0 x x 99	000 68	0 13 03	95 00 0	080 85	0 0 9 0 0	- - - 62	—	—	2.8		3.7	8
N. W. F. P.	Drosh *	000 38	1 25 10	99 01 1	001 90	1 1 8 0 0	3 x x 92	000 41	0 00 00	99 00 0	953 71	0 0 9 0 0	- - - 69	+5	+5	1.7	—	21.9	18
	Chakdara	000 67	0 38 02	99 00 0	002 93	0 0 0 0 0	- - - 95	000 64	0 00 00	98 00 0	073 75	0 0 9 0 0	- - - 70	—	—	6.5	—	18.8	—
	Cherat *	000 56	0 13 06	96 00 0	946 85	0 0 9 0 0	- - - 96	000 61	0 18 04	97 00 0	981 72	0 0 9 0 0	- - - 69	+11	+4	6.0	5.7	28.0	29
	Peshawar																		14
	Parachinar	000 47	0 18 02	99 00 0	943 82	0 0 9 0 0	- - - 87	000 49	0 00 00	99 00 0	960 72	0 0 9 0 0	- - - 62	+7	+4	0.2	—	26.7	29
	Miranshah							000 58	0 00 00	94 28 4	965 7[illegible]	0 0 9 0 0	- - - 73	—	—	5.6	0.7	10.5	18
	Bannu	000 57	0 11 03	99 00 0	017 97	0 0 9 0 0	- - - 98	000 43	0 11 02	99 00 0	064 84	0 0 9 0 0	- - - 78	—	—	0.9		6.8	11
	D. I. Khan	000 64	0 08 02	96 00 0	020 99	0 0 9 0 0	- - - 00	000 72	0 05 02	96 00 0	071 81	0 0 9 0 0	- - - 65	0	-10	1.1	4.2	2.8	9
	Wana																		11
	Landikotal	000 59	0 13 02	98 00 0	924 88	0 0 9 0 0	- - - 94	000 60	0 00 00	97 85 0	969 79	0 0 9 0 0	- - - 70	—	—	2.4	—	12.0	-
	Hangu	xxx xx	2 00 00	97 03 1	— —	0 0 9 2 0	8 x 0 —	xxx xx	0 00 00	97 00 1	— —	0 0 9 0 0	- - - —	—	—		—	—	-
	Thall							xxx xx	0 09 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	-
BALUCHISTAN	Fort Sandeman	000 44	0 00 00	96 05 0	926 93	0 0 9 0 0	- - - 95	000 56	0 00 00	94 05 0	977 75	0 0 9 0 0	- - - xx	+4	—	4.1	0.8	10.0	11
	Hindubagh	000 29	0 21 09	98 00 0	939 89	0 0 9 0 0	- - - 93	000 43	0 00 00	97 00 0	974 78	0 0 9 0 0	- - - 60	—	—	0.2	—	8.5	-
	Loralai	000 72	0 00 00	96 00 0	914 89	0 0 9 0 0	- - - 02	000 54	0 00 00	98 00 0	979 62	0 0 9 0 0	- - - 55	—	—	1.7	—	8.1	-
	Harnai (a)	000 xx	0 09 05	95 00 [illegible]	— —	0 0 9 0 0	- - - —	000 xx	0 09 02	96 00 0	— —	0 0 9 0 0	- - - xx	—	—	2.0	5.3	10.6	14
	Sibi	000 83	0 23 05	99 00 0	010 91	0 0 9 0 0	- - - 01	000 70	0 13 05	98 00 0	065 67	0 0 9 0 0	- - - 82	—	—	2.2	—	3.8	5
	Quetta †	000 51	0 13 02	99 00 0	956 88	0 0 9 0 0	- - - 91	000 45	0 00 00	99 00 0	975 67	0 0 9 0 0	- - - 50	—	—	0.8	0.2	9.3	9
	Onaman	000 53	0 23 08	97 00 0	938 94	0 0 9 0 0	- - - 95	000 39	0 00 00	97 00 0	978 76	0 0 9 0 0	- - - 67	+5	+5	0	0.2	9.6	8
	Nushki	000 49	0 25 05	97 00 0	991 99	0 0 9 0 0	- - - 01	000 43	0 09 16	96 00 0	027 83	0 0 9 0 0	- - - 78	—	—	0		5.4	-
	Dalbandin *	000 48	0 27 05	96 00 0	044 00	0 0 9 0 0	- - - 02	000 42	0 00 00	96 00 0	968 74	0 0 9 0 0	- - - 60	+3	-3	0	0.3	1.8	4
	Nokkundi	000 32	2 09 05	99 00 0	090 08	0 0 9 0 0	- - - 05	000 52	0 00 00	99 00 0	062 76	0 0 9 0 0	- - - 72	—	—	0	—	0.9	2
	Kalat †	000 44	0 36 05	98 00 0	264 83	0 0 9 0 0	- - - 87	000 39	0 18 05	98 00 0	998 60	0 0 9 0 0	- - - 53	+4	+8	0.8	0.4	9.7	7
	Turbat	000 84	0 24 05	97 09 2	061 00	0 0 9 0 0	- - - 02	000 86	0 18 02	94 02 2	270 80	9 0 9 0 0	9 0 0 72	—	—	0		1.4	—
	Panjgur *	000 17	0 13 02	97 09 0	943 97	0 0 9 0 0	- - - 97	000 54	0 05 02	97 00 0	977 68	0 0 9 0 0	- - - 63	+3	0	0	-	3.2	5
	Las Bela	000 73	0 16 06	99 00 0	043 96	0 0 9 0 0	- - - 01	000 75	0 00 00	99 00 0	087 82	0 0 9 0 0	- - - 75	—	—	1.6	—	1.7	8
	Ormara	000 82	2 25 09	97 03 0	062 85	3 5 6 0 0	- - - 85	000 75	1 25 05	97 01 1	097 81	0 0 9 0 0	- x - 77	—	—	0.3	0.5	3.1	6
	Pasni	000 74	0 23 12	97 00 0	068 81	0 0 9 0 0	- - - 87	000 73	6 00 00	96 02 1	097 80	6 5 6 0 0	6 x x 75	-2	+2	0.8	0.1	4.9	6
	Jiwani																		4
SIND	Beli	000 79	0 18 05	96 00 0	085 00	0 0 9 0 0	- - - 01	000 74	0 23 03	98 00 0	079 78	0 0 9 0 0	- - - 76	—	—	1.7	—	2.2	
	Jacobabad	000 69	0 13 09	97 00 0	024 97	0 0 9 0 0	- - - 98	000 71	0 13 07	97 00 0	077 80	0 0 9 0 0	- - - 77	-5	+1	0.2	2.0	0.7	4
	Sukkur	000 71	0 xx xx	96 00 0	023 99	0 0 9 0 0	- - - 02	000 72	0 xx xx	96 00 0	072 78	0 0 9 0 0	- - - 74	—	—	0.5	—	1.0	4
	Pad Idan	000 79	0 20 05	93 00 0	028 00	0 0 9 0 0	- - - 01	000 74	0 13 04	98 00 0	065 78	0 0 9 0 0	- - - 75	—	—	0.8	—	0.9	
	Karachi (Manora)	000 76	3 25 09	96 02 2	070 82	7 8 6 0 0	- - - 85	000 76	8 27 05	97 02 2	097 80	8 6 4 - -	- - - 79	0	+2	1.5	-4.4	1.6	1
	Karachi (A. P.)	002 75	7 25 16	96 01 5	071 83	7 5 4 0 0	- - - 89	005 74	8 27 07	96 03 5	091 80	3 5 6 5 -	- - x 77	—	—	2.9		3.0	
	Badin	000 66	6 23 07	97 00 0	068 90	5 5 9 0 6	- - - 91	000 73	0 23 07	97 00 0	099 80	0 0 9 0 0	- - - 76	-4	0	7.0	-0.2	7.0	9
	Nagarparkar																		
	Chhor (Umerkot)	000 73	0 30 12	97 00 0	053 92	0 0 9 0 0	- - - 96	000 73	0 23 10	97 00 0	087 82	0 0 9 0 0	- - - 76	—	—	2.1	—	2.1	
	Hyderabad	000 70	3 23 09	97 01 0	056 89	3 4 x 0 0	- - - 95	000 74	1 23 05	97 00 0	081 18	0 0 9 0 0	- - - 77	-2	+2	1.8	-4.1	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 36	0 07 02	98 00 0	885 84	0 0 9 0 0	- - - 86	000 27	0 25 05	98 00 0	069 60	0 0 9 0 0	- - - 40	—	—	0.7	—	10.5	12
	Jalalabad	000 58	0 19 02	97 00 0	987 95	0 0 9 0 0	2 x 9 02	000 59	0 00 00	96 00 1	995 79	0 0 9 0 0	9 x x 72	—	—	0.5	—	6.9	—
	Kandahar	000 75	0 23 06	98 00 0	000 92	0 0 9 0 0	- - - 97	000 55	0 00 00	97 00 0	040 59	0 0 9 0 0	- - - 61	—	—	0	—	10.5	—

See footnote on page 2

P. T. O]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 19TH SEPTEMBER, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_g T_d$	N dd	VV ww W	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 $T_g T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h O_M C_H$	$W_1 D_H D_M T_n T_n$	Departure from Normal T_x T_x	T_g 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
	Masheel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	680 79	0 18 02	97 00 0	051 38	4 8 9 0 0	- - - 89	680 78	0 80 06	97 00 0	076 85	0 0 9 0 0	- - - xx	- 4	—	0	- 0.1	8.3	4
	Sharjah	900 xx	0 26 16	97 00 0	047 91	8 0 9 0 0	- - - 01	680 xx	0 84 19	97 00 0	067 87	0 0 9 0 0	- - - 84	—	—	0	—	1.8	4
	Kuwait																		5

* Barometer readings reduced to 1 geodynamic Kilometre 2,350-2,358 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.

(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 $L_a L_a l_a$	$I_o I_o I_o$ 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	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalamayur	33 145	780 00	4 02 06	98 02 1	113 84	41 7 13			0 53 72	1 00 x0
Dilawar	33 103	605 00	1 00 00	99 01 0	115 79	11 6 00	6 5 305			
Sabastiano Cabato	33 199	802 00	5 21 85	97 02 2	067 79	52 5 04				
Jabiwalur	33 158	580 06	4 22 12	98 02 8	130 80	44 6 01	2 5 xxx			
Dara	33 249	629 06	5 22 08	98 02 0	107 82	31 7 00	1 5 320		0 01 78	1 22 xx
Jalamayur	33 135	785 06	4 00 00	98 01 1	116 88	41 7 31				
Jalamayur	33 134	742 12	8 54 09	95 02 2	091 87	51 7 30				
Malika	33 093	691 12	6 32 08	98 02 1	106 84	31 6 06				
Dilwara	33 108	567 18	6 28 15	98 01 1	122 80	63 6 xx	6 5 303		0 51 76	1 23 x3
Jalawahar	32 165	608 18	8 28 06	98 01 1	128 80	33 6 00	2 5 xxx			
Jalamayur	33 114	746 18	6 21 09	98 18 2	104 84	51 6 31				
Mejsia	33 075	722 16	7 31 09	97 16 6	066 84	57 4 32	6 4 328		0 55 74	1 21 21
Jalakendra	33 104	660 18	3 34 10	98 02 1	188 82	21 6 01				
Dara	33 245	656 18	1 22 08	99 02 0	105 82	11 7 00	1 5 310		0 01 79	1 23 xx
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	005 27	232 80	000 23	262 87	854 86	200 93	700 34	125 45	509 31	549 94	301 83	819 94	864 55	329 00	191 52	443 25	161 43	548 85	240 12	668 00	220 33	456 00	055 23	728 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 ††										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	24 06	26 06	27 08	27 15	—	—	—	—	—	—	20 02	22 11	25 14	26 17	—	—	21 08	—	—	—	—	—	—	—
Dhor	22 10	12 13	22 21	21 16	—	—	—	—	—	—							22 20	23 35	25 26	21 16	28 26	09 08	08 19	01 10
Cuttagong	22 15	22 15	23 11	23 07	27 07	—	—	—	—	—	20 09	21 07	23 00	21 09	—	—	19 07	19 09	20 09	—	—	—	—	—
Cox's Bazar	24 09	25 09	25 10	27 04	34 05	—	—	—	—	—	19 08	25 05	28 07	22 11	—	—	25 04	29 09	25 06	—	—	—	—	—
Dacca	26 10	25 10	25 08	27 11	—	—	—	—	—	—	19 10	21 14	24 15	22 11	29 09	—	29 15	24 11	25 10	27 13	—	—	—	—
Dalhandir	—	—	23 02	24 07	20 09	21 83	08 10	08 09	29 57	—	—	—	25 07	23 05	24 07	13 03	—	—	06 04	24 05	26 06	21 06	07 07	05 05
Dinar	—	—	—	—	12 03	32 03	34 05	36 13	33 18	32 45	—	—	—	23 06	20 07	20 07	—	—	—	—	23 01	02 03	35 31	38 20
Fort Sandeman	—	—	—	24 06	08 06	35 03	30 13	—	—	—	—	—	—	02 07	17 03	26 22	—	—	—	08 04	08 04	32 15	—	—
Faesalabad	10 11	17 13	19 09	27 08	36 10	00 16	18 07	03 16	36 16	31 29	17 16	16 10	04 05	27 07	25 06	23 13	15 11	26 01	25 01	21 07	23 11	33 10	05 06	03 17
Jhelum	23 04	20 05	17 06	26 03	30 08	35 10	30 16	21 15	xx xx	31 21	09 03	14 10	24 13	23 08	24 06	25 11	20 04	14 08	15 06	21 01	21 10	32 17	34 27	—
Jwami	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	25 20	26 27	26 25	—	—	—	—	—	—	—	27 23	27 28	27 24	—	—	—	27 21	27 29	27 19	—	—	—	—	36 11
Khanpur	18 15	21 15	21 10	20 10	24 08	21 07	29 30	32 15	xx xx	36 29	20 19	21 23	32 35	27 10	05 06	34 19	21 18	24 14	22 10	26 03	29 08	28 08	02 16	—
Lanore	27 04	24 11	24 12	15 07	21 10	31 10	30 20	31 22	—	—	15 13	18 17	22 15	23 18	27 18	31 13	18 08	25 09	27 01	29 09	25 05	25 14	15 22	33 19
Multar	22 13	19 12	19 14	20 09	19 04	24 07	28 19	33 21	—	—	29 18	22 21	25 21	25 06	30 08	30 06	21 18	20 21	21 11	25 08	24 06	22 07	01 18	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—	30 15	33 10	09 13	19 12	31 15	—	—	—	—	28 11	30 13	01 08	01 17
Quetta	—	—	—	—	36 04	30 06	02 06	33 13	33 26	27 29	—	—	—	—	33 12	31 15	—	—	—	—	—	—	—	—
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shanar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

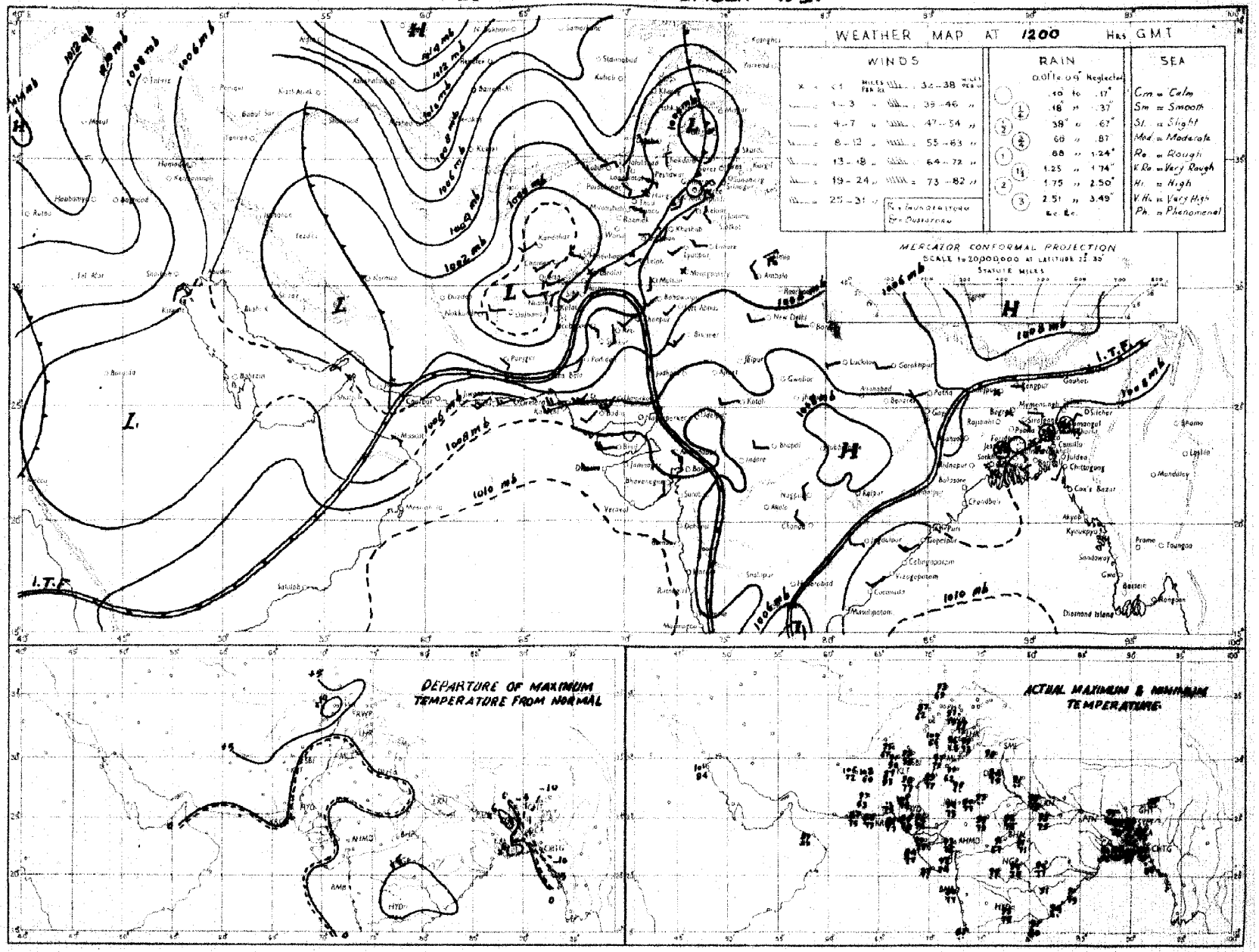
Cloud Observation Data (iiiGG Cddv, v,)

* 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 0.5, 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

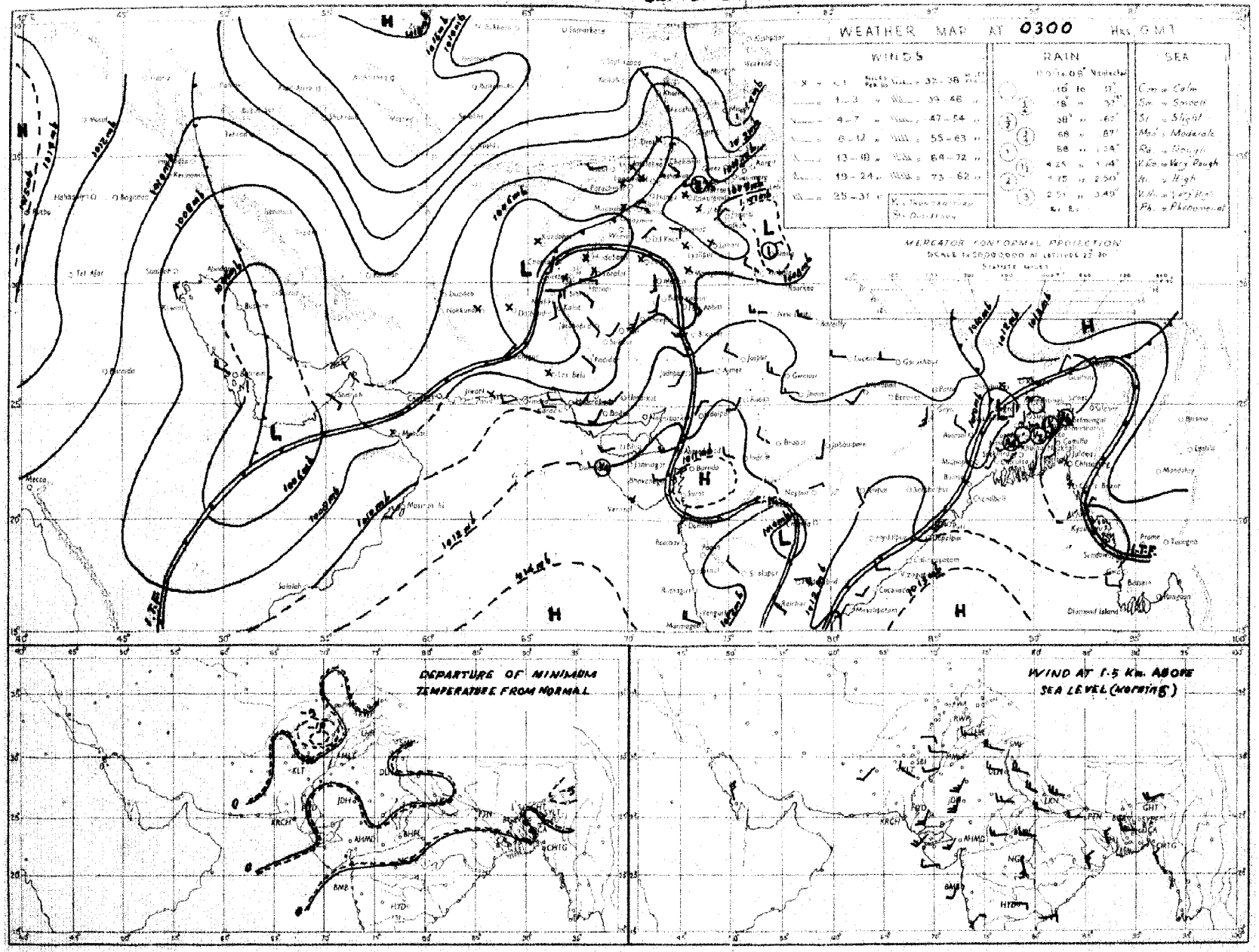
TUESDAY 18th. SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 19th: SEPTEMBER 1951



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

Monthly Subscription
Pages I—2
Pages I—4

PAKISTAN DAILY WEATHER REPORT

Regd. No. S-1674

FOR THURSDAY, THE 20TH SEPTEMBER, 1951

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

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

Yesterday's shallow low persists over west Bengal and is becoming unimportant.

Steep pressure gradient over Iraq persists.

Local rain/thunderstorms have occurred in East Pakistan.

Chief amounts of rainfall are :—Srimangal, and Rangpur ½" each ; and Comilla, Mymensingh Faridpur, and Dinajpur ¼" each.

Day temperatures were appreciably above normal in north Baluchistan, the North-West Frontier Province, and the Deltaic sub-division of East Pakistan.

Forecast valid until the evening of 21st :—Local thunderstorms will occur in East Pakistan. Isolated thundery conditons are also likely to develop in the north Punjab, the North-West Frontier Province and Kashmir.

Karachi-11.
The 20th September, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteoroiogical Service.

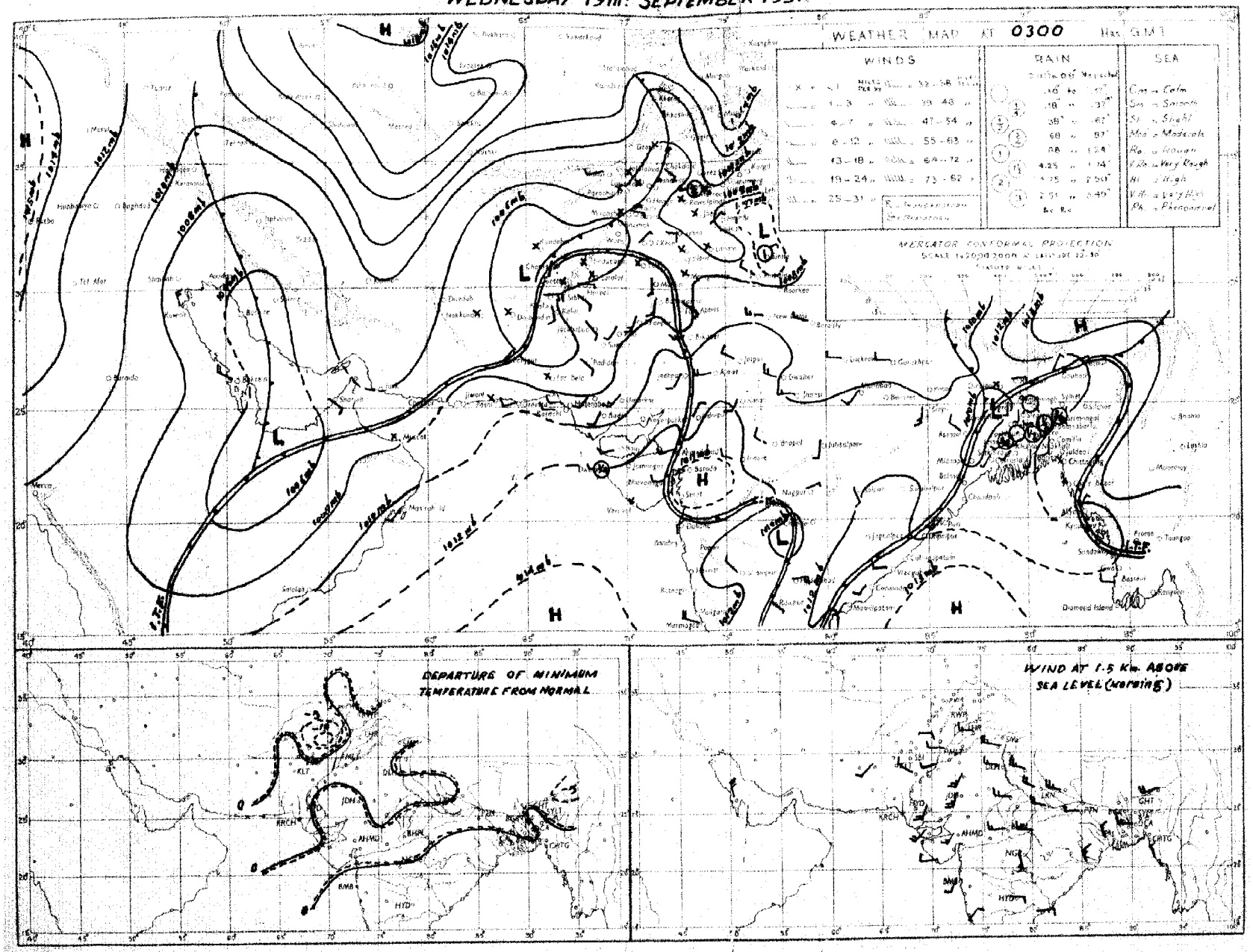
DIVISION	STATION	At 1200 Hrs. G. M. T of previous day :						At 0300 Hrs. G. M. T. of date						Departure from Normal		Rainfall			
		MMMT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$O$_L$h C$_M$C$_H$	W$_1$D$_M$D$_M$T$_n$T$_x$	MMMT$_d$T$_d$	N dd ff	VVwwW	PPPTT	N$_h$O$_L$h C$_M$C$_H$	W$_1$D$_M$D$_M$T$_n$T$_x$	T$_x$T$_x$	T$_n$T$_n$	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 79	0 00 00	95 01 1	085 87	0 0 0 0 0	- - - 91	000 79	1 00 00	96 01 1	114 89	1 1 8 0 0	- - - 77	+ 5	+ 1	92.4	- 12.7	102.0	140
	Chittagong	000 78	5 28 06	96 02 1	079 85	2 5 7 1 8	0 × × 90	000 79	4 00 00	96 03 1	108 85	5 6 5 0 0	- - - 79	+ 2	+ 2	88.0	+ 14.2	117.8	109
	Noakhali	052 78	7 18 32	95 03 8	××× 80	3 3 5 2 3	- - - 80	000 79	1 09 06	96 01 1	××× 85	1 1 5 0 0	- - - ××	—	—	—	—	—	—
	Comilla	018 79	6 05 02	96 03 8	079 85	5 4 7 0 0	3 0 0 85	015 79	3 13 02	96 02 2	108 85	3 2 7 0 0	9 0 0 77	- 3	0	91.6	+ 21.7	99.0	115
	Brahmanbaria	004 79	2 00 00	97 03 1	082 85	2 4 5 0 0	- - - 85	000 79	0 18 02	97 00 1	109 86	0 0 0 0 0	- - - 74	—	—	48.0	+ 2.8	50.1	94
	Dacca	036 76	4 00 00	97 01 1	072 84	2 5 6 2 0	- - - 85	××× 79	1 00 00	97 01 1	108 87	1 5 5 0 0	- - - 77	—	—	—	—	—	78
	Narayanganj	000 79	2-00 02	96 01 1	069 85	1 4 5 0 0	- - - 84	000 79	4 00 02	95 01 1	102 88	4 5 5 0 0	- - - 80	+ 5	+ 1	57.0	+ 11.2	75.9	74
	Mymensingh	019 79	0 00 00	99 00 6	078 82	0 0 0 0 0	0 × × 86	019 79	4 00 02	99 05 6	106 81	4 4 7 0 0	- - - 78	- 2	0	39.6	- 19.7	47.6	91
	Srimangal	044 78	3 00 00	96 01 9	079 81	1 2 6 0 1	- - - 85	044 79	2 05 02	97 02 1	114 80	2 2 6 0 0	- - - 72	- 6	- 3	68.0	+ 7.2	90.1	98
	Khulna	000 78	2 13 02	97 01 0	086 87	2 8 7 0 2	- - - ××	000 79	1 25 02	98 00 0	112 88	0 0 0 0 1	- - - 77	- 13	0	41.2	- 4.9	49.7	69
	Satkhira	000 84	6 00 00	97 02 1	069 89	4 4 6 6 0	- - - 93	000 79	4 22 02	97 02 1	104 87	4 4 5 6 0	- - - 79	+ 4	+ 2	28.3	- 14.9	37.1	64
	Jessore	000 80	4 18 02	96 02 2	071 90	4 6 6 6 0	- - - 93	000 78	0 28 05	97 00 0	106 89	0 0 0 0 0	- - - ××	—	—	20.6	- 10.4	37.9	69
	Faridpur	002 80	3 00 00	95 01 1	071 87	2 4 6 1 0	- - - 89	035 00	3 16 05	98 01 6	113 86	1 4 6 1 0	- - - 75	+ 2	- 2	48.2	- 1.1	49.5	71
	Barisal	000 76	7 16 02	98 03 9	079 82	2 3 6 5 5	- - - 92	000 79	1 16 02	98 01 1	108 88	1 1 6 0 0	- - - 79	+ 4	+ 1	—	—	—	81
KASHMIR	Pahna																		59
	Rampur Mouka																		58
	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg (at																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Minjar																		-
	Allabad																		-
PUNJAB	Lyallpur	000 60	2 15 04	96 01 0	039 96	0 0 9 3 0	0 0 6 97	000 66	0 40 00	95 04 0	074 81	0 0 9 0 0	- - - 76	- 1	+ 2	8.9	- 3.1	10.2	18
	Lahore	000 69	1 29 02	96 02 1	048 87	0 0 9 4 0	4 × 9 99	000 69	0 00 00	96 00 1	085 86	0 0 0 0 0	9 × × 76	+ 1	+ 4	10.6	- 3.6	14.7	19
	Sialkot	000 65	1 13 04	97 02 1	056 92	1 0 6 4 0	- - - 95	000 69	1 13 02	97 01 1	081 86	0 0 9 0 4	- - - 79	0	—	18.8	- 9.1	18.7	32
	Jhelum	000 64	0 27 03	96 00 0	046 98	0 0 9 0 0	- - - 96	000 70	0 00 00	95 05 0	083 82	0 0 9 0 0	- - - 75	—	—	16.6	—	24.9	-
	Rawalpindi	000 64	2 00 00	97 01 1	045 92	0 0 9 2 0	- - - 95	000 67	0 00 00	98 00 1	075 81	0 0 9 0 0	- - - 76	+ 1	+ 7	14.9	- 8.0	26.7	26
	Murree †	000 58	6 20 05	96 02 1	971 89	6 9 3 8 0	9 × × 71	000 65	4 20 05	95 01 1	984 82	2 1 4 5 0	9 × 6 57	+ 2	+ 1	21.6	12.7	43.2	59
	Attock	××× ××	0 16 05	98 00 0	— —	0 0 9 0 0	— — —	××× ××	0 09 02	97 00 0	— —	0 0 9 0 0	— — —	—	—	—	—	—	—
	Khushab	000 66	0 11 05	98 00 0	042 96	0 0 0 0 0	- - - 98	000 69	0 11 05	97 00 0	079 84	0 0 9 0 0	- - - 78	1	+ 2	8.1	- 6.8	8.0	15
	Montgomery	000 66	0 00 00	97 00 0	051 96	0 0 9 0 0	- - - 98	000 67	0 27 03	96 00 0	084 81	0 0 9 0 0	- - - 76	- 2	+ 1	2.5	- 4.5	6.1	10
	Lyallpur	000 90	0 18 02	97 00 0	030 99	0 0 9 0 0	- - - 01	000 79	0 18 02	97 00 0	071 86	0 0 9 0 0	- - - 82	—	—	6.9	—	9.6	8
	Multan	000 69	0 18 02	97 00 0	044 77	0 0 9 0 0	- - - 99	000 78	0 23 02	97 00 0	081 82	0 0 9 0 0	- - - 79	0	+ 2	3.8	- 1.0	8.9	7
	Khanpur	000 81	0 29 07	95 05 0	049 02	0 9 9 0 9	- - - 01	000 78	0 23 10	95 05 0	085 81	0 0 9 0 0	- - - 73	0	+ 3	0.3	- 4.9	1.9	6
	Bahawalpur	000 70	0 23 02	97 00 0	044 99	0 0 9 0 0	- - - ××	000 74	0 23 02	97 00 0	077 83	0 0 9 0 0	- - - 78	- 10	+ 4	1.9	2.3	5.0	6
	Fort Abbas	000 87	0 23 03	96 00 0	059 98	0 0 9 0 0	0 × × 99	000 68	0 18 06	96 00 0	709 86	0 0 9 0 0	0 × × 61	—	—	2.8	—	3.7	8
N. W. F. P.	Drosh *	000 48	1 25 37	98 02 1	007 89	1 1 8 0 0	5 × × 82	000 55	5 00 00	98 02 1	993 73	5 5 8 9 0	3 × × 76	+ 4	+12	1.7	—	21.9	18
	Chakdara	000 67	0 27 03	99 00 0	024 89	0 0 9 0 0	- - - 98	000 66	0 00 00	98 00 0	084 75	0 0 9 0 0	- - - 71	—	—	0.6	—	18.5	-
	Cherat *	000 60	0 18 09	97 00 0	059 84	0 0 9 0 0	- - - 87	000 61	0 23 04	97 00 0	087 73	0 0 9 0 0	- - - 68	+ 3	+ 3	6.0	- 5.7	28.0	29
	Peshawar							000 67	0 34 02	96 00 0	080 80	0 0 9 0 0	- - - 77	—	+ 6	1.3	- 2.9	8.6	14
	Parachinar	000 51	3 18 02	99 01 0	939 81	1 2 8 3 0	5 × 7 84	000 51	0 00 00	99 00 1	988 73	0 0 9 0 0	9 - - 61	+ 4	+ 2	9.2	—	26.7	29
	Miranshah	000 59	0 07 05	98 28 4	942 90	0 0 9 0 0	- - - 93	000 60	0 00 00	98 28 4	989 80	0 0 9 0 0	- - - 75	—	—	3.6	- 0.8	10.6	13
	Bannu	000 57	0 07 05	99 00 0	027 97	0 0 9 0 0	- - - 98	000 49	0 00 00	99 00 0	982 55	0 0 9 0 0	- - - 79	—	—	0.8	—	5.8	11
	D. I. Khan	000 69	0 05 02	98 00 0	029 00	0 0 9 0 0	- - - 05	000 78	0 05 02	98 00 0	076 84	0 0 9 0 0	- - - ××	+ 5	×	1.1	- 4.2	2.8	9
	Wana																		11
	Landikotal	000 62	0 01 03	96 05 0	984 86	0 0 9 0 0	- - - 91	000 61	0 00 00	98 05 0	977 79	0 0 9 0 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 28 18	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 18 09	98 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	-
BALUCHISTAN	Fort Sandeman	000 43	0 00 00	97 05 0	027 96	0 0 9 0 0	- - - 97	000 40	0 00 00	94 05 0	972 78	0 0 9 0 0	- - - 70	+ 6	+ 6	4.1	- 0.8	10.0	11
	Hindubagh	000 31	0 27 00	98 00 0	950 89	0 0 9 0 0	- - - 93	000 43	0 00 00	98 00 0	980 75	0 0 9 0 0	- - - 57	—	—	0.3	—	8.5	-
	Loralai	000 90	0 13 09	98 00 0	968 87	0 0 9 0 0	- - - 91	000 47	0 23 02	98 00 0	980 69	0 0 9 0 0	- - - 57	—	—	1.7	—	8.1	-
	Harnai (at	000 ××	0 00 02	98 00 0	— —	0 0 9 0 9	- - - —	000 ××	0 27 05	99 00 0	— —	0 0 9 0 0	- - - —	—	—	2.0	- 5.2	10.0	14
	Sibi	000 65	0 28 05	98 00 0	027 02	0 0 9 0 0	- - - 02	000 69	0 18 05	99 00 0	079 85	0 0 9 0 0	- - - 82	—	—	2.3	—	3.8	6
	Quetta †	030 42	0 31 07	99 00 0	968 89	0 0 9 0 0	- - - 91	000 47	0 00 00	99 10 0	972 57	0 0 9 0 0	- - - 49	—	—	0.8	- 0.2	9.2	9
	Chaman	000 28	0 23 03	97 06 0	951 94	0 0 9 0 0	- - - 95	000 41	0 11 03	98 00 0	924 77	0 0 9 0 0	- - - 61	+ 5	- 1	0	- 0.2	8.8	8
	Nushki	000 25	0 27 10	97 00 0	001 01	0 0 9 0 0	- - - 03	000 26	0 00 00	98 00 0	984 68	0 0 9 0 0	- - - 78	0	—	0	—	5.4	-
	Dalbandin *	000 25	0 31 04	98 00 0	952 01	0 0 9 0 0	- - - 03	000 16	0 05 03	98 00 0	974 71	0 0 9 0 0	- - - 59	+ 4	- 4	0	- 0.3	1.8	4
	Nokkundi	000 79	0 09 05	99 00 0	994 04	0 0 9 0 0	- - - 07	000 47	0 04 02	99 00 0	987 78	0 0 9 0 0	- - - 71	—	—	0	—	0.9	2
	Kalat †	000 61	0 05 05	98 00 0	978 85	0 0 9 0 0	- - - 87	000 38	0 18 05	98 00 0	006 58	0 0 9 0 0	- - - 51	+ 4	+ 4	0.8	- 0.4	9.7	7
	Turbat	000 84	0 23 03	97 00 1	111 00	0 0 9 0 0	- - - 02	000 77	× 17 02	95 02 2	××× 80	× 9 7 00	0 0 0 76	0	0	0	—	1.4	-
	Panjgur *	000 37	0 18 02	97 00 0	055 98	0 0 9 0 0	- - - 00	000 55	0 00 02	97 00 0	994 69	0 0 9 0 0	- - - 63	+ 5	0	0	—	3.2	5
	Las Bela	000 78	0 18 08	98 00 0	056 96	0 0 9 0 0	- - - 91												8
	Ormara	000 76	0 25 13	97 00 0	070 84	2 5 6 0 2	- - - 85	000 76	5 00 05	97 03 9	107 80	× × × × ×	- - - 77	—	—	0.3	- 0.5	2.1	4
	Pasni	000 75	0 23 10	97 00 0	276 84	0 0 9 7 0	- - - ××	000 73	5 09 00	96 02 1	110 ××	4 4 5 0 0	8 × × 75	×	+ 2	9.8	- 0.1	4.9	6
	Jiwani																		4
SIND	Reti	000 79	0 18 05	96 00 0	068 89	0 0 9 0 0	- - - 91	000 72	0 18 03	96 00 0	××× 79	0 0 9 0 0	- - - 97	—	—	1.7	—	2.2	
	Jacobabad	000 70	0 18 02	97 00 0	037 99	0 0 9 0 0	- - - 00	000 71	0 18 02	97 00 0	083 81	0 0 9 0 0	- - - 76	- 3	+ 2	0.2	- 2.0	0.7	4
	Sukkur	000 73	0 ×× ××	96 00 0	032 98	0 0 9 0 0	- - - 00	000 74	0 ×× ××	96 00 0	078 78	0 0 9 0 0	- - - 76	—	—	0.6	—	1.0	4
	Padidan	000 80	0 00 00	98 00 0	042 99	0 0 9 0 0	- - - 00	000 75	0 18 05	98 00 0	075 79	0 0 9 0 0	- - - 76	—	—	0.8	—	0.9	
	Karachi (Mauripur)	000 77	4 25 09	98 01 1	081 84	4 6 4 0 0	- - - 85	000 76	6 27 09	98 02 1	105 80	6 6 4 0 0	- - - 79	0	+ 2	1.5	- 4.4	1.6	3
	Karachi (A. P.)	000 78	5 25 12	97 01 1	081 85	4 5 6 3 0	- - - 87	005 76	5 23 07	98 02 1	103 80	5 5 4 0 0	- - - 78	-	—	2.0	—	3.0	
	Badin	000 73	4 18 07	97 00 0	074 90	3 5 9 0 6	- - - 94	000 74	0 23 07	97 00 0	107 80	0 0 9 0 0	- - - 76	- 4	0	7.0	- 0.2	7.9	9
	Nagarparkar																		
	Chhor (Umarkot)	000 73	0 23 12	97 00 0	064 95	0 0 9 0 0	- - - 97	000 75	0 26 12	97 08 0	082 76	0 0 9 0 0	- - - ××	—	—	2.1	—	2.1	
	Hyderabad	000 70	5 25 09	97 00 0	083 91	0 0 9 0 0	- - - 97	000 75	0 23 07	97 00 0	081 80	0 0 9 0 0	- - - 77	0	+ 1	1.8	- 4.1	2.9	7
	Veraval																		28
Afghanistan	Kabul	000 28	1 11 02	98 00 0	002 85	1 8 8 0 0	- - - 88	000 48	0 24 02	98 00 0	020 61	0 0 9 0 0	- - - 51	—	—	0.7	—	18.5	22
	Jalalabad	000 55	2 09 02	98 01 0	038 05	0 0 9 7 0	2 × 9 97	000 66	0 27 07	98 00 0	090 78	0 0 9 0 0	9 × × 74	—	—	0.5	—	6.9	-
	Kandahar	000 45	0 00 00	98 00 0	014 91	0 0 9 0 0	- - - 00	000 47	0 00 00	97 00 0	043 55	0 0 9 0 0	- - - 49	—	—	0	—	10.5	-

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 19th: SEPTEMBER 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 20TH SEPTEMBER, 1951

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

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

Yesterday's shallow low persists over west Bengal and is becoming unimportant.

Steep pressure gradient over Iraq persists.

Local rain/thunderstorms have occurred in East Pakistan.

Chief amounts of rainfall are :—Srimangal, and Rangpur ½" each ; and Comilla, Mymensingh Faridpur, and Dinajpur ¼" each.

Day temperatures were appreciably above normal in north Baluchistan, the North-West Frontier Province, and the Deltaic sub-division of East Pakistan.

Forecast valid until the evening of 21st :—Local thunderstorms will occur in East Pakistan. Isolated thundery conditons are also likely to develop in the north Punjab, the North-West Frontier Province and Kashmir.

Karachi-11.
The 20th September, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteoroiogical Service.

DIVISION	STATION	At 1200 Hrs. G. M. T of previous day: $RRRT_dT_d$	$N\ dd\ ff$	$VVwwW$	$PPPTT$	$N_hC_Lh\ C_MC_H$	$W_tD_RD_MT_xT_x$	At 0300 Hrs. G. M. T. of date: $RRRT_dT_d$	$N\ dd\ ff$	$VVwwW$	$PPPTT$	$N_hC_Lh\ C_MC_H$	$W_tD_RD_MT_nT_n$	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 79	0 00 00	95 01 1	085 87	0 0 0 0 0	- - - 92	000 78	1 00 00	96 01 1	114 89	1 1 8 0 0	- - - 77	+ 5	+ 1	92.4	- 12 7	102.0	140
	Chittagong	000 78	5 29 05	96 02 1	079 85	2 5 7 1 8	0 × × 80	000 79	6 00 00	96 08 1	108 85	6 6 8 0 0	- - - 79	+ 2	+ 2	88.0	+ 14.2	117.8	105
	Noakhali	080 73	7 18 02	95 03 6	××- 80	3 3 5 2 3	90	000 79	1 00 00	96 01 1	××× 85	1 1 5 0 0	- - - ××	—	—	—		—	—
	Comilla	016 79	6 05 02	98 03 6	079 85	6 4 7 0 0	8 0 0 85	018 79	8 13 02	98 02 2	108 85	8 2 7 0 0	9 0 0 77	- 8	0	91.6	+31 7	90.0	115
	Brahmanbaria	004 79	2 00 00	97 08 1	082 85	2 4 5 0 0	- - - 88	000 79	0 18 02	97 00 1	109 80	0 0 9 0 0	- - - 74	—	—	48.0	+ 2 3	58.1	94
	Dacca	000 76	4 00 00	97 01 1	072 84	2 8 6 2 0	- - - 93	××× 79	1 00 00	97 01 1	106 87	1 5 5 0 0	- - - 77	—	—	—		—	78
	Narayanganj	000 79	2 09 02	92 01 1	069 85	1 4 5 0 8	- - - 94	000 79	4 09 02	95 01 1	102 88	4 5 5 0 0	- - - 80	+ 6	+ 1	57.0	+ 11.2	75.9	74
	Mymensingh	019 79	0 00 00	99 00 6	078 82	0 0 9 0 0	0 × × 86	019 79	4 09 02	99 02 6	106 81	4 4 7 0 0	- - - 78	- 2	0	39 5	- 19 7	47 6	91
	Srimangal	044 78	3 00 00	96 01 9	079 81	1 2 6 0 1	- - - 86	044 79	2 05 02	97 02 1	114 80	2 2 6 0 0	- - - 72	- 6	- 3	63.0	+ 7.2	90.1	98
	Khulna	000 78	2 13 02	97 01 0	080 87	2 8 7 0 2	- - - ××	000 79	1 25 08	98 00 0	112 89	0 0 9 0 1	- - - 77	- 13	0	41.2	- 4 9	49 7	69
	Satkhira	000 84	6 00 00	97 02 1	069 89	4 4 6 6 0	- - - 93	000 79	4 23 02	97 02 1	104 87	4 4 6 6 0	- - - 79	+ 4	+ 2	28 8	- 14 9	37.1	65
	Jessore	000 80	4 18 02	96 02 2	071 90	4 8 6 0 0	- - - 98	000 78	0 23 05	97 00 0	105 89	0 0 9 0 0	- - - ××	—	—	30.8	- 10 4	37 9	60
	Faridpur	000 80	3 00 00	95 01 1	071 87	2 4 6 1 0	- - - 89	035 66	3 18 05	98 01 6	113 88	1 4 6 1 0	- - - 75	+ 2	- 3	43.2	- 1.1	49.5	71
	Barisal	000 75	7 16 03	98 03 9	079 82	2 3 6 5 6	- - - 92	000 79	1 18 02	98 01 1	108 88	1 1 6 0 0	- - - 79	+ 4	+ 1	—	—	—	81
	Pabna																		59
	Rampur Boalia																		58
	Sirajganj	000 76	2 00 00	99 02 1	062 84	1 1 6 0 0	- - - 90	007 90	0 00 00	89 09 0	099 83	0 0 0 0 0	- - - 75	- 3	0	46.0	+ 3.0	56 0	64
	Bogra	000 73	3 09 03	96 01 1	071 83	2 1 6 0 1	- - - 93	000 78	6 18 02	96 01 1	108 82	5 5 5 7 0	- - - 77	+ 5	- 8	32.4	- 14 2	39.2	69
	Dinajpur	020 77	0 00 00	97 00 6	086 82	0 0 9 0 0	- - 92	029 67	7 00 00	97 02 2	116 88	7 4 7 0	- - - 77	+ 4	- 1	40 8	+ 11 6	45.1	72
	Rangpur	005 ××	8 07 02	96 51 5	—— —	8 5 8 0 0	4 0 0 —	045 ××	8 00 00	96 02 6	—— —	8 5 8 0 0	9 0 0 —	—	—	65.0	+ 7.6	74 8	84
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 60	2 16 04	96 01 0	039 96	0 0 9 3 0	0 0 6 97	000 66	0 00 00	95 04 0	074 81	0 0 9 0 0	- - - 76	- 1	+ 2	5.8	- 3 1	10 2	22
	Lahore	000 69	1 29 02	96 02 1	048 97	0 0 9 4 0	4 × 9 99	000 69	0 00 00	96 00 1	083 86	0 0 9 0 0	9 × × 76	+ 1	+ 4	10.6	- 3.6	14 7	19
	Sialkot	000 65	1 13 04	97 02 1	056 92	1 0 8 4 0	- - - 96	000 69	1 13 02	97 01 1	081 88	0 0 9 0 4	—	0	—	12.3	- 9.1	18 7	32
	Jhelum	000 64	0 27 03	96 00 0	046 93	0 0 9 0 0	- - 96	000 70	0 00 00	95 05 0	088 82	0 0 9 0 0	- - - 75	—	—	16.5		25 6	—
	Rawalpindi	000 64	3 00 00	97 01 1	045 92	0 0 9 2 0	- - - 95	000 67	0 00 00	98 00 1	075 81	0 0 9 0 0	- - - 75	+ 1	+ 7	14.9	- 8 0	25.7	36
	Murree †	000 58	6 29 05	96 02 1	071 89	6 9 3 0 0	9 × × 71	000 55	4 29 05	95 01 2	984 82	2 1 4 5 0	9 × 5 57	+ 2	+ 1	21.6	12 7	43.2	59
	Attock	××× ××	0 16 05	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 09 02	97 00 0	— —	0 0 9 0 0	- - - —	—		—		—	
	Khushab	000 66	0 11 05	98 00 0	012 96	0 0 0 0 0	- - - 98	000 69	0 11 05	97 00 0	079 84	0 0 9 0 0	- - - 78	- 1	+ 2	3.1	- 6.8	6.0	15
	Montgomery	000 66	0 00 00	97 00 0	051 96	0 0 9 0 0	- - - 98	000 67	0 27 03	96 00 0	084 81	0 0 9 0 0	- - - 76	2	+ 1	2.5	- 4 5	6 1	10
	Leiah	000 90	0 18 02	97 00 0	039 99	0 0 9 0 0	- 01	000 79	0 18 02	97 00 0	071 86	0 0 9 0 0	- - - 82	—	—	0.9		6 6	8
	Multan	000 69	0 18 02	97 00 0	044 77	0 0 9 0 0	- - - 99	000 72	0 23 02	97 00 0	081 82	0 0 9 0 0	- - - 79	0	+ 2	3 8	- 1.0	6 9	7
	Khanpur	000 61	0 20 07	95 05 0	040 02	0 0 9 0 0	- - - 01	000 73	0 23 10	95 05 0	083 81	0 0 9 0 0	- - - 73	0	+ 3	0.3	- 4 5	1.9	0
	Bahawalpur	000 70	0 23 02	97 00 0	044 99	0 0 9 0 0	- - - ××	000 74	0 23 09	97 00 0	077 83	0 0 9 0 0	- - - 78	- 10	+ 4	1.9	- 2 3	5 0	6
	Fort Abbas	000 87	0 23 03	98 00 0	039 98	0 0 9 0 0	0 × × 99	000 68	0 18 05	96 00 0	709 86	0 0 9 0 0	0 × × 61		—	2.8	—	3.7	8
N. W. F. P.	Drosh *	000 48	1 25 07	98 02 1	007 89	1 1 8 0 0	5 × × 92	000 55	5 00 00	98 02 1	993 72	5 5 8 0 0	8 × × 76	+ 4	+ 12	1.7	—	21.9	18
	Chakdara	000 67	0 27 03	99 00 0	024 89	0 0 9 0 0	- - - 93	000 66	0 00 00	98 00 0	084 75	0 0 9 0 0	- - - 71	—	—	6 5	—	19.8	—
	Cherat *	000 60	0 18 09	97 00 0	959 84	0 0 9 0 0	- - - 87	000 61	0 23 04	97 00 0	987 73	0 0 9 0 0	- - - 68	+ 3	+ 3	6.0	- 5 7	28.0	20
	Peshawar							000 67	0 34 02	96 00 0	080 80	0 0 9 0 0	- - - 77		+ 6	1.8	2.9	8 6	14
	Parachinar	000 54	3 13 02	99 01 0	930 61	1 2 8 3 0	5 × 7 34	000 51	0 00 00	99 00 1	988 72	0 0 9 0 0	9 - - 61	+ 4	+ 3	9.2		26 7	29
	Miranshah	000 59	0 07 05	98 28 4	949 90	0 0 9 0 0	- - 93	000 60	0 00 00	98 28 4	969 80	0 0 9 0 0	- - - 75	—	—	3.6	- 0 8	10.5	18
	Bannu	000 57	0 07 03	99 00 0	027 97	0 0 9 0 0	- - - 98	000 48	0 00 00	99 00 0	082 55	0 0 9 0 0	- - - 79	—	—	0.9		5.8	11
	D. I. Khan	000 69	0 05 02	96 00 0	029 00	0 0 9 0 0	- - - 05	000 72	0 05 02	96 00 0	076 85	0 0 9 0 0	- - - ××	+ 5	×	1.1	- 4.2	2.8	9
	Wana																		11
	Landikotal	000 68	0 01 03	96 05 0	934 86	0 0 9 0 0	- - - 91	000 62	0 00 09	98 05 0	977 70	0 0 9 0 0	- - - 71	—	—	2.4	—	12.8	-
	Hangu	××× ××	0 00 00	97 09 0	— —	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	-
	Thull	××× ××	0 28 13	98 00 0	— —	0 0 9 0 0	- - - —	××× ××	0 13 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	-
BALUCHISTAN	Fort Sandeman	000 42	0 00 00	97 05 0	927 96	0 0 9 0 0	- - - 97	000 60	0 00 00	94 05 0	972 76	0 0 9 0 0	- - - 79	+ 6	+ 6	4.1	- 0.8	10 0	11
	Hindubagh	000 31	0 27 09	98 00 0	950 89	0 0 9 0 0	- - - 93	000 43	0 30 00	99 00 0	980 75	0 0 9 0 0	- - - 57	—	—	0.2	—	8.5	-
	Loralai	000 80	0 13 08	96 00 0	968 87	0 0 9 0 0	- 91	000 47	0 23 02	96 00 0	980 49	0 0 9 0 0	- - - 57	—	—	1.7	—	8 1	-
	Harnai (a)	000 ××	0 09 02	96 00 0	— —	0 0 9 0 0	- - - —	000 ××	0 27 03	96 00 0	— —	0 0 9 0 0	- - - —		—	2.0	- 5.3	10.6	14
	Sibi	000 65	0 23 05	98 00 0	027 02	0 0 9 0 0	- - - 02	000 59	0 13 05	99 00 0	079 85	0 0 9 0 0	- - - 82	—	—	2.2	—	3 8	5
	Quetta †	000 42	0 31 07	99 00 0	968 89	0 0 9 0 0	- - - 91	000 47	0 00 00	99 10 0	972 57	0 0 9 0 0	- - - 49	—	—	0.8	- 0.2	9.3	9
	Chaman	000 30	0 23 03	97 00 0	951 94	0 0 9 0 0	- - - 95	000 41	0 11 03	96 00 0	984 77	0 0 9 0 0	- - - 61	+ 5	- 1	0	- 0 2	3.6	8
	Nushki	000 23	0 27 10	97 00 0	001 01	0 0 9 0 0	- - - 08	000 24	0 00 00	96 00 0	084 82	0 0 9 0 0	- - - 72	—	—	0	—	5 4	-
	Dalbandin *	000 58	0 31 04	96 00 0	952 01	0 0 9 0 0	- - - 03	000 36	0 05 02	96 00 0	974 71	0 0 9 0 0	- - - 59	+ 4	- 4	0	- 0.8	1.8	4
	Nokkundi	000 70	0 09 05	99 00 0	994 94	0 0 9 0 0	- - 07	000 47	0 34 02	99 00 0	087 78	0 0 9 0 0	- - - 71	—	—	0	—	0.9	2
	Kalat †	000 61	0 05 05	98 00 0	978 95	0 0 9 0 0	- - - 87	000 38	0 18 05	98 00 0	006 58	0 0 0 0 0	- - - 51	+ 4	+ 4	0.8	- 0.4	9.7	7
	Turbat	000 84	0 23 08	97 00 2	11× 00	0 9 9 0 0	- - - 92	000 77	× 17 02	96 02 2	××× 80	× 9 7 0 0	9 0 0 76	—	—	0		1.4	-
	Panjgur *	000 27	0 18 02	97 00 0	958 98	0 0 9 0 0	- - - 99	000 55	0 05 02	97 00 0	984 60	0 0 9 0 0	- - - 63	+ 5	0	0	—	3.2	5
	Las Bela	000 73	0 16 08	98 00 0	056 96	0 0 9 0 0	- - - 01												5
	Ormara	000 75	0 25 13	97 00 0	070 84	2 5 6 0 0	- - - 85	000 70	2 00 06	97 01 0	107 80	× × × × ×	- - - 77	—	—	0.3	- 0 5	3 1	6
	Pasni	000 75	0 23 10	97 00 0	278 34	0 0 9 7 0	- - - ××	000 73	6 00 00	96 02 1	110 ××	6 4 6 0 0	6 × × 75	×	+ 2	0.8	- 0 1	4 9	6
	Jiwani																		4
SIND	Keti	000 70	0 23 05	96 00 0	053 00	0 0 9 0 0	- - - 01	000 72	0 18 03	96 00 0	××× 79	0 0 9 0 0	- - - 77	—	—	1.7	—	2.2	
	Jacobabad	000 79	0 18 02	97 00 0	037 99	0 0 9 0 0	- - - 00	000 71	0 18 02	97 00 0	083 81	0 0 9 0 0	- - - 78	- 3	+ 2	0.2	- 2 0	0.7	4
	Sukkur	000 78	0 ×× ××	96 00 0	039 98	0 0 9 0 0	- - - 00	000 74	0 ×× ××	96 00 0	078 78	0 0 9 0 0	- - - 76	—	—	0.5	—	1.0	4
	Pad Idan	000 80	0 00 00	98 00 0	042 99	0 0 9 0 0	- - - 00	000 75	0 18 05	98 00 0	075 79	0 0 9 0 0	- - - 74	—	—	0.8	—	0.9	
	Karachi (Manora)	003 77	4 25 09	98 01 3	081 84	4 6 4 0 0	- - - 85	000 76	8 27 09	96 02 2	108 80	8 6 4 0 0	- - - 79	8	+ 2	1.5	- 4 4	1 6	3
	Karachi (A. P.)	000 78	6 25 12	97 01 2	021 85	4 5 6 5 0	- - - 87	005 76	5 23 07	96 02 1	103 80	5 5 4 0 0	- - - 78	—	—	2.9	—	3.0	
	Badin	000 73	4 18 07	97 00 0	074 90	8 5 9 0 6	- - - 94	000 74	0 23 07	97 00 0	107 80	0 0 9 0 0	- - - 76	- 4	0	7.0	- 0 2	7.0	8
	Nagarparkar																		
	Chhor (Umarkot)	000 78	0 23 12	97 00 0	064 95	0 0 9 0 0	- - - 97	000 75	0 20 12	97 00 0	982 79	0 0 9 0 0	- - - ××	—	—	2.1	—	2.1	
	Hyderabad	000 70	3 23 09	97 00 0	083 91	0 0 9 0 0	- - - 97	000 78	0 23 07	97 00 0	081 80	0 0 9 0 0	- - - 77	0	+ 1	1.3	- 4 1	2.0	7
JUNAGADH	Veraval																		20
AFGHANISTAN	Kabul	000 39	1 11 02	98 00 0	002 86	1 8 8 0 0	- - 38	000 40	0 34 02	96 00 0	020 81	0 0 0 0 0	- - - 51	—	—	0.7	—	10 5	13
	Jalalabad	000 55	2 09 02	96 01 0	988 95	0 0 9 7 0	3 × 9 07	000 66	0 27 07	96 00 1	996 78	0 0 9 0 0	9 × × 74	—	—	0.5	—	6.9	-
	Kandahar	000 55	0 00 00	98 00 0	914 01	0 0 9 0 0	- - - 00	000 47	0 00 00	97 00 0	943 58	0 0 9 0 0	- - - 49	—	—	0	—	10.5	-

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 20TH SEPTEMBER, 1951.

Division	Station	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd	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 $T_d T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_n T_n$	Departures from Normals $T_x - T_x$	$T_n - T_n$	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
	Mashed	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire		...											-	-				13
Arabia	Muscat	000 79	0 00 02	97 00 0	059 86	0 0 0 0 0	- - - 28	000 81	0 00 00	96 90 0	090 85	0 0 0 0 0	- - - xx	- 5	+ 8	0	- 0.1	8.8	4
	Sharjah	000 xx	0 21 16	97 00 0	077 97	0 0 9 b 0	- - - 97	000 xx	0 27 05	97 00 0	067 90	0 0 0 0 0	- - - 85	—	—	0	—	1.5	4
	Kuwait																		4

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 feet according to latitude).
† Barometer readings reduced to 2 geodynamic Kilometre (6,499-6,713 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 $N_s Ch_s h_s$	0 $T_s T_s T_d T_d$	$1 d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalawahar ...	48 167	620 00	5 16 05	93 02 2	118 79	52 7 70	2 5 xxx	—	—	—
Jalamayur	48 104	752 00	5 01 07	98 03 2	099 81	54 8 8x	—	—	—	—
Jalamayur	48 098	750 00	3 31 06	96 01 0	104 80	21 8 8x	—	—	—	—
Jaljawahar	48 170	836 05	4 32 08	98 01 1	134 80	44 6 00	2 5 xxx	—	—	—
Kotagoerg	48 085	685 06	7 32 10	98 15 1	130 xx	42 4 01	2 5 001	—	0 50 25	—
Shwedagon	48 227	617 06	3 16 18	99 03 1	105 xx	22 6 00	—	—	—	—
Shwedagon	48 238	624 12	4 10 18	96 02 0	087 xx	41 6 00	—	—	—	—
Malika	48 108	651 12	6 32 05	98 02 1	114 82	21 6 08	—	—	—	—
Jalakendra	48 108	630 18	6 00 00	98 05 1	102 80	01 0 68	—	—	—	—
Jalamayur	48 059	705 12	3 27 07	98 02 1	089 82	21 7 2x	—	—	—	—
Jaljawahar	48 172	650 12	4 22 08	98 01 0	113 82	44 6 00	2 5 xxx	—	—	—
Jaljawahar	48 176	662 18	3 22 04	97 01 1	119 80	28 5 00	2 5 xxx	—	—	—
Jalamayur	48 080	772 18	4 16 06	98 01 2	110 82	41 7 2x	—	—	—	—
Shwedagon	48 230	632 18	5 21 18	98 01 1	097 xx	21 x 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 15	006 27	234 60	000 25	282 35	854 90	201 83	700 41	155 25	509 32	549 97	555 58	339 00	199 96	888 85	199 91	613 15	240 95	555 00	250 67	486 00	015 55	504 00	550 91	833 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 ††										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	18	19	20	21	22	23	24	25
Bogra ...	19 05	26 08	25 11	26 16	—	—	—	—	—	—	15 74	16 09	19 06	26 12	26 11	—	27 06	—	—	—	—	—	—	—
Chhor ...	21 12	21 10	21 10	20 11	20 01	01 06	—	—	—	—							23 13	23 19	20 22	21 12	25 02	04 19	06 18	08 17
Chittagong	26 02	26 09	26 04	24 04	21 04	25 11	—	—	—	—	20 05	20 04	20 08	24 03	—	—	23 03	22 01	—	—	—	—	—	—
Cox's Bazar	28 05	29 05	29 05	27 05	05 01	27 02	—	—	—	—	—	—	—	—	—	—	06 02	24 06	27 05	24 08	02 04	23 06	—	—
Dacca	19 04	29 05	30 05	27 04	24 11	—	—	—	—	—	19 04	18 04	00 02	—	—	—	18 08	26 04	30 02	28 04	25 02	22 06	17 21	26 22
Dalbandin	—	—	26 01	20 05	28 07	21 02	05 06	06 06	25 07	—	—	—	21 00	—	—	—	—	—	04 02	25 02	27 07	21 07	13 08	12 05
Dinar	—	—	—	—	21 05	27 02	24 02	14 20	20 29	—	—	—	—	21 04	21 08	20 03	—	—	—	—	—	14 02	—	—
Port Sandeman	—	—	28 02	23 02	26 11	28 05	—	—	—	—	—	—	02 10	26 05	25 10	—	—	—	—	05 04	02 08	10 08	05 15	—
Jacobabad	17 02	17 01	25 02	26 09	26 06	22 07	22 12	22 08	22 17	—	17 11	13 04	20 02	20 08	27 15	22 04	20 09	25 03	18 01	20 05	26 04	22 02	22 15	—
Jhelum	18 04	17 05	17 05	24 04	21 07	22 18	21 16	22 26	—	—	17 05	14 10	14 09	25 05	22 10	24 14	21 01	18 06	13 04	21 10	21 18	15 11	23 17	—
Kiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 26	25 15	27 16	—	—	—	—	—	—	—	25 17	27 17	26 14	—	—	—	27 18	27 18	27 16	—	—	—	—	—
Khanpur	18 05	19 06	19 06	11 05	19 04	26 07	01 13	22 18	—	—	21 11	21 15	21 16	22 11	24 06	01 07	25 20	22 17	22 20	24 08	29 10	29 08	05 05	—
Lahore	30 07	23 04	22 04	21 07	24 08	24 12	22 16	—	—	—	12 19	24 04	24 04	25 06	27 05	21 10	19 04	24 04	24 08	25 01	28 08	24 09	21 22	—
Multar	20 08	19 09	20 11	19 05	19 03	22 07	24 18	24 25	22 21	—	21 13	21 16	21 18	21 14	25 05	20 14	22 17	22 19	21 22	21 04	23 08	21 18	23 05	—
Peshawar	—	26 01	28 01	24 04	25 06	29 26	28 12	29 21	30 25	—	—	—	—	—	—	—	—	25 11	28 19	28 02	28 02	27 12	21 11	26 25
Quetta					26 02	28 05	24 05	21 20	—	—						29 10					28 02			
Bushire																								
Sharjah																								

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.

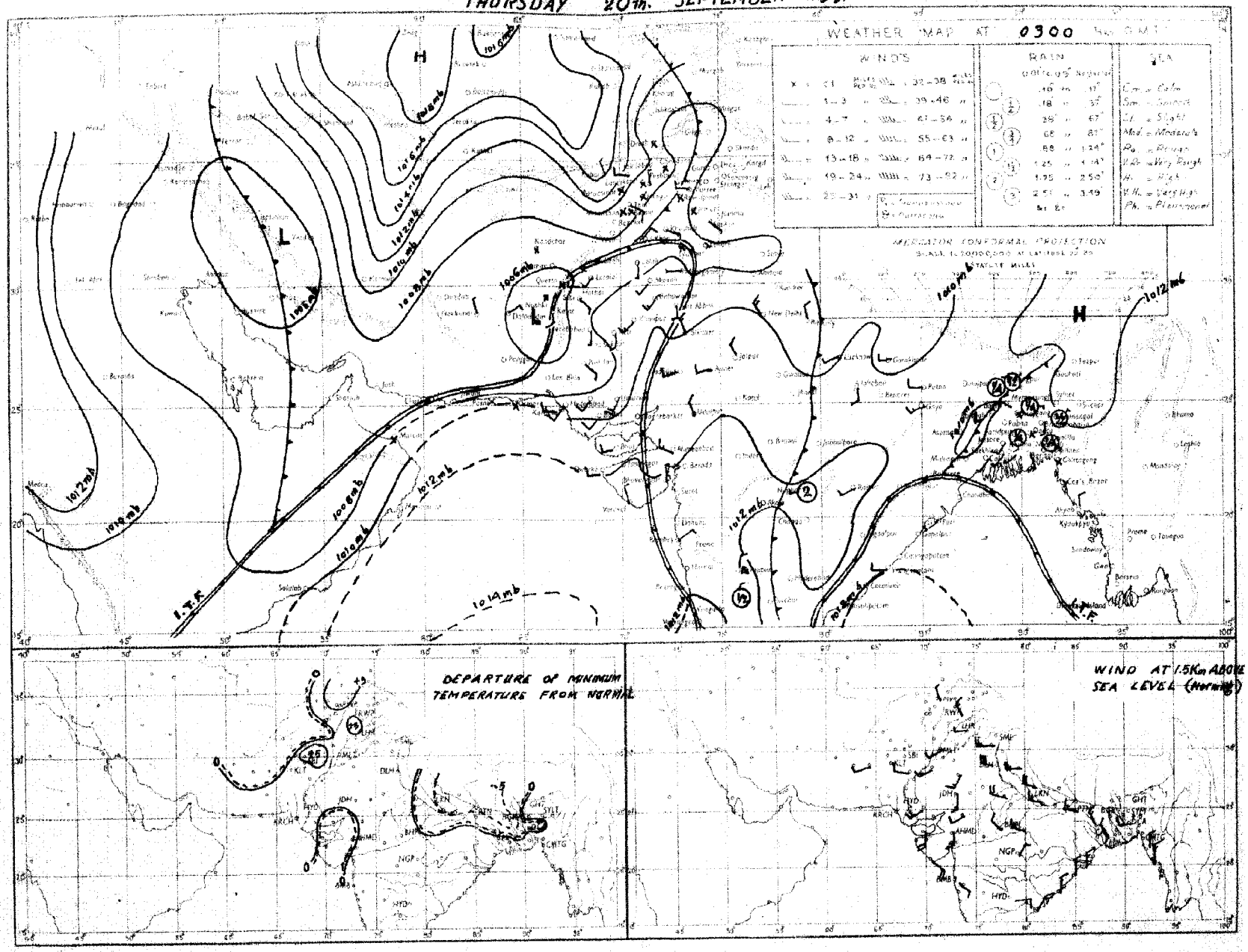
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 19th. SEPTEMBER 1951

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

PAKISTAN DAILY WEATHER MAP

THURSDAY 20th. SEPTEMBER 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 FRIDAY, THE 21ST SEPTEMBER, 1951

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

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

A shallow low has appeared over the head Bay of Bengal.

A western disturbance is apparently moving north-eastwards across Central Iran.

Local rain has occurred in the Northern sub-division of East Pakistan. Bogra reported ¼″ of rain.

Day temperatures were appreciably above normal in north Baluchistan, the north Punjab, the upper North-West Frontier Province and the Southern districts of East Pakistan.

Forecast valid until the evening of 22nd :—Local thunderstorms/showers will occur in East Pakistan.

Karachi-11.
The 21st September, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: RRRTdTd	Nddff	VVwwW	PPPTT	NhCLhCMCH	WtDsDmTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	Nddff	VVwwW	PPPTT	NhCLhCMCH	WtDsDmTnTn	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 75	0 00 00	95 01 1	072 83	0 0 9 0 0	- - - 90	000 78	2 00 00	97 01 1	097 88	1 1 7 0 1	1 0 x 77	+ 3	+ 1	92 4	13 1	103.0	140
	Chittagong	000 78	1 27 02	96 01 1	065 85	0 0 9 8 1	0 x x 91	000 79	4 00 00	96 08 4	096 85	6 6 4 0 0	4 x x 78	+ 4	+ 2	88.0	+ 13 9	117.7	108
	Noakhali	000 75	2 26 05	95 02 1	xxx 88	2 1 5 0 0	- - - 92												115
	Comilla	000 76	2 34 02	98 03 1	061 89	2 2 7 0 0	- - - 89	000 76	0 18 02	98 00 0	099 86	0 0 9 0 0	- - - 77	+ 1	0	91.6	+ 51 2	99.0	94
	Brahmanbaria	000 77	4 00 00	97 00 0	059 84	4 4 5 0 0	- - - 90	000 77	0 00 00	97 00 0	101 88	0 0 9 0 0	- - - 78	—	—	48.0	+ 2 4	58 1	78
	Narayanganj	000 74	1 05 02	96 01 0	053 85	0 0 9 - 1	5 0 x 94	000 77	1 09 02	97 01 1	097 90	1 4 5 0 0	9 x x 80	+ 6	+ 1	67.0	+ 10.9	76.0	74
	Dacca	000 77	2 00 00	97 01 1	059 85	2 2 5 0 0	9 x x 93	xxx 80	6 02 02	97 03 4	098 85	5 8 4 4 0	2 x x 76		—				—
	Mymensingh	000 77	0 00 00	99 00 2	071 83	0 0 9 0 0	- - - 95	000 79	8 00 00	99 02 2	096 83	8 7 5	- - 79	3	+ 2	89.5	20 2	47 6	91
	Srimangal	000 78	5 00 00	96 02 1	067 84	8 5 5 0 1	0 5 x 91	000 77	0 36 02	96 08 1	104 84	0 0 9 0 0	- - 77	0	+ 2	68.0	+ 6 9	90 1	98
	Khulna	000 77	2 00 00	98 00 0	066 88	2 2 3 0 0	- - - 95	000 76	0 00 00	98 00 0	100 86	0 0 9 0 0	- - - 78	+ 7	+ 1	41.2	5 2	40.7	49
	Satkhira	000 82	7 00 00	97 04 1	070 87	6 4 6 6 0	- - x 94	000 75	1 00 00	97 01 0	102 87	0 0 8 6 0	- - x 77	+ 5	0	28 8	15.2	37.1	65
	Jessore	000 78	6 18 02	96 03 2	068 88	6 8 6 0 0	- - - 96							—					60
	Faridpur	000 79	4 00 00	95 02 1	051 87	3 4 6 1 0	8 x x 98	000 75	5 07 02	96 02 1	098 85	2 4 6 1 0	9 x x 78	+ 1	0	43.2	1.4	49.6	71
	Barisal	000 79	4 00 00	98 01 1	067 88	1 3 6 9 3	- - - 92	000 79	1 05 02	98 01 1	098 89	1 1 6 0 0	- - - xx	+ 4	—	48 1	5 5	53 8	81
	Pabna																		58
	Rampur Boalia																		50
	Sirajganj	000 79	0 00 00	99 00 0	058 85	0 0 0 0 0	- - - 87	000 76	7 00 00	99 08 2	090 82	6 2 7 0 0	- - - 76	0	- 2	45.9	- 3 6	55 9	64
	Bogra	004 76	2 39 02	96 01 0	079 83	1 1 8 0 1	8 0 x 90	020 72	5 09 02	96 02 6	097 88	0 0 9 7 0	6 x 0 73	+ 2	- 4	32 6	14 4	39 4	69
	Dinajpur	000 79	0 00 00	97 00 1	068 85	0 0 9 0 0	- - - 89	000 77	7 00 00	97 02 2	117 85	4 4 7 4 0	- - x 76	+ 1	- 1	40 8	12 0	45.1	72
	Rangpur	005 xx	2 09 02	98 00 5	— —	2 1 5 0 8	- - - —	005 xx	8 09 02	96 02 1	— —	8 5 8 -	- - - xx	—	—	65 0	+ 7.1	74 3	85
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Alliabad																		—
PUNJAB	Lyallpur	000 68	1 16 02	96 01 0	046 97	0 0 9 0 2	- - - 99	000 68	0 25 02	96 00 0	055 81	0 0 9 0 0	- - - 77	+ 1	+ 8	5.9	3 1	10 2	12
	Lahore	000 66	1 84 02	94 02 1	044 99	0 0 9 4 0	3 x 9 01	000 70	0 00 00	97 00 0	059 85	0 0 9 0 0	- - - 77	+ 3	+ 7	10.6	3.7	14 7	19
	Sialkot	000 70	2 00 00	97 02 1	038 96	0 0 8 6 0	- - - 96	000 72	2 23 02	97 02 1	062 96	2 0 8 0 0	- - x 80	+ 3	+ 8	13.8	9.2	18.7	32
	Jhelum							000 71	0 13 07	96 00 0	055 84	0 0 9 0 0	- - - 76		—	16.5		25 8	—
	Rawalpindi	000 66	2 00 00	97 01 1	031 94	2 5 6 0 0	- - - 97	000 65	0 00 00	98 00 0	052 80	0 0 9 0 0	- - - 75	+ 3	+ 8	14.8	8 1	25.7	38
	Murree †	000 58	5 27 02	95 02 1	973 88	5 9 3 0 0	9 x x 72	000 57	0 29 07	97 00 1	971 68	0 0 9 0 0	9 x x 57	+ 3	+ 5	11.6	12 8	43 2	59
	Attock	xxx xx	0 05 03	98 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 00	98 00 0	— —	0 0 9 0 0	- - - xx	—		—	—	—	—
	Khushab	000 63	0 16 05	96 00 0	038 00	0 0 0 0 0	- - - 01							+ 2					15
	Montgomery	000 68	0 00 00	97 00 0	048 99	0 0 9 0 0	- - - 99	000 67	0 13 03	96 00 0	064 83	0 0 9 0 0	- - - 76	- 1	+ 2	2.5	4 6	6.1	10
	Leiah	000 87	0 18 05	97 00 0	039 01	0 0 9 0 0	- - - 04	000 71	0 00 00	97 00 0	053 83	0 0 9 0 0	- - - 79	—	—	0.9	—	6 6	8
	Multan	000 68	0 23 03	97 00 0	045 97	0 0 9 0 0	- - - 99	000 72	0 18 05	97 00 0	066 81	0 0 9 0 0	- - - 79	0	+ 4	3.8	1.0	6.5	7
	Khanpur	000 65	0 28 07	96 05 0	044 00	0 0 9 0 0	- - - 01	000 72	0 21 07	96 05 0	056 88	0 0 9 0 0	- - - 78	0	+ 4	0.2	4 5	1.9	6
	Bahawalpur	000 67	0 28 02	97 00 0	042 99	0 0 9 0 0	- - - 01	000 68	0 20 09	97 00 0	059 83	0 0 9 0 0	- - - 79	+ 1	+ 7	1.9	2 3	5 0	6
	Fort Abbas	000 89	0 23 03	96 00 0	046 99	0 0 9 0 0	0 x x 02	000 77	0 28 03	96 00 0	059 84	0 0 9 0 0	0 x x 50		—	0.8	—	3.7	8
N. W. F. P.	Drosh *	000 20	1 25 12	97 02 1	921 89	1 2 8 0 0	8 x x 98	000 57	1 00 00	98 01 1	989 72	0 0 9 8 0	8 9 72	+ 5	—	1.7	—	21.0	15
	Chakdara	000 63	0 30 02	98 00 0	021 91	0 0 9 0 0	- - - 95	000 63	0 27 07	98 00 0	062 75	0 0 9 0 0	- - - 71	—	—	6 5	—	18.8	—
	Cherat *	000 68	1 16 07	97 01 1	965 87	1 1 9 0 0	2 x x 88	000 61	0 27 10	97 00 0	979 75	0 0 9 0 0	- - - 72	+ 4	+ 8	6.0	5 8	28 0	20
	Peshawar	000 66	1 06 05	95 05 1	026 94	1 1 7 0 0	- - - 98	000 57	0 00 00	96 00 0	051 84	0 0 9 0 0	- - - 77	+ 1	+ 8	1.5	2 9	8 6	14
	Parachinar	000 58	2 13 02	99 01 1	968 88	1 2 8 2 0	5 - 7 85	000 54	0 00 00	99 00 1	973 69	0 0 9 0 0	8 - 61	+ 5	+ 5	9.2	—	25.7	20
	Miranshah	000 61	2 07 05	98 28 4	960 92	0 0 9 4 0	- - - 94	000 61	0 00 00	98 28 4	958 78	0 0 9 0 0	- - - 78	—	—	3.6	0 9	10.5	13
	Bannu	000 63	0 09 08	99 00 0	028 97	0 0 9 0 0	- - - 98	000 60	0 00 00	99 00 0	064 80	0 0 9 0 0	- - - 78	—	—	0.9		6.8	11
	D. I. Khan	000 66	0 05 02	98 00 0	048 01	0 0 9 0 0	- - - 01	000 72	0 05 02	96 00 0	066 75	0 0 9 0 0	- - - 70	+ 1	- 3	1.1	4.2	2.8	9
	Wana																		13
	Landikotal	000 63	0 13 02	98 00 5	930 87	0 0 9 0 0	- - - 90	000 64	0 00 09	98 00 0	961 82	0 0 9 0 0	- - - 70	—	—	2.6	—	12.0	—
	Hangu	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 00 09	99 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
	Thall	xxx xx	1 18 13	99 01 1	— —	1 8 7 0 0	- - - —	xxx xx	0 09 09	99 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 29	0 00 00	98 00 0	921 94	0 0 9 0 0	- - - 98	000 55	0 00 00	97 05 0	983 78	0 0 9 0 0	- - - 63	+ 5	+ 6	4.1	- 0.8	10 0	11
	Hindubagh	000 35	0 18 09	98 00 0	956 89	0 0 9 0 0	- - - 92	000 48	0 27 05	98 00 0	975 76	0 0 9 0 0	- - - 58	—	—	0.2	—	8.5	—
	Loralai	000 51	0 18 05	98 00 0	938 83	0 0 9 0 0	- - - 91	000 53	0 00 00	98 00 0	975 67	0 0 9 0 0	- - - 57	—	—	1.7	—	8 1	—
	Harnai (w)	000 xx	0 00 05	98 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 20 02	96 00 0	— —	0 0 9 0 0	- - - xx	.	—	2.0	5.2	10.6	14
	Sibi	000 62	0 23 09	98 00 0	027 03	0 0 9 0 0	- - - 08	000 70	0 00 00	98 00 0	062 80	0 0 9 0 0	- - - 81	—	—	2.2	—	3.8	5
	Quetta †	000 28	0 34 09	99 00 0	970 89	0 0 9 0 0	- - - 01	000 33	0 18 03	97 00 0	892 64	0 0 9 0 0	- - - 46	—	—	0.8	- 0.2	9.8	9
	Chaman	000 05	0 33 03	97 00 0	913 92	0 0 9 0 0	- - - 04	000 47	0 11 02	97 00 0	972 75	0 0 9 0 0	- - - 67	+ 4	+ 6	0	0.2	9.6	6
	Nushki	000 39	0 29 10	97 00 0	002 00	0 0 9 0 0	- - - 01	000 47	0 00 00	98 00 0	028 84	0 0 9 0 0	- - - 76	—	—	0	—	5.4	—
	Dalbandin *	000 60	0 13 02	96 00 0	954 02	0 0 9 0 0	- - - 03	000 44	0 00 00	98 00 0	980 73	0 0 9 0 0	- - - 64	+ 4	+ 6	0	0.3	1.8	4
	Nokkundi	000 75	0 00 00	99 00 0	999 03	0 0 9 0 0	- - - 06	000 52	0 00 00	99 00 0	068 77	0 0 9 0 0	- - - 72	—	—	0	—	0.9	2
	Kalat †	000 51	0 36 04	98 00 0	982 95	0 0 9 0 0	- - - 88	000 41	0 18 05	98 00 0	097 60	0 0 9 0 0	- - - 63	+ 5	+ 7	0.8	0.4	9.7	7
	Turbat	000 83	0 16 08	97 00 1	079 98	0 0 9 0 0	- - x 01	000 77	6 24 02	96 02 2	090 81	0 0 9 2 0	9 0 x 77	—	—	0		1.4	—
	Panjgur *	000 35	0 08 02	97 00 0	956 96	0 0 9 0 0	- - - 99	000 57	0 36 02	97 00 0	091 69	0 0 9 0 0	- - - 68	+ 5	0	0	—	2.2	5
	Las Bela							000 74	0 16 02	98 00 0	110 88	0 0 9 0 0	- - - 75		—	1.6	—	1.7	8
	Ormara	000 78	1 22 11	97 00 0	075 84	1 5 6 0 0	- - - 89	000 75	5 25 05	97 02 0	094 79	5 5 6 0 0	- - - 78	—	—	0.3	0 5	3 0	6
	Pasni	000 72	0 23 10	97 00 0	282 84	—	- - - 88	000 72	0 00 00	96 00 0	091 76	0 0 9 0 0	- - - 78	- 1	+ 1	9.8	0 1	4.9	6
	Jiwani																		4
SIND	Rohri	000 62	0 23 03	96 00 0	043 08	0 0 9 0 0	- - - 03	000 76	0 22 07	96 00 0	080 79	0 0 9 0 0	- - - 76	—	—	1.7	—	2.2	—
	Jacobabad	000 70	0 13 03	97 00 0	043 00	0 0 9 0 0	- - - 00	000 71	0 13 05	95 00 0	069 82	0 0 9 0 0	- - - 79	- 8	+ 4	0.2	2 0	0.7	4
	Sukkur	000 75	0 xx xx	98 00 0	041 00	0 0 9 0 0	- - - 00	000 74	0 xx xx	96 00 0	064 78	0 0 9 0 0	- - - 75	—	—	0.5	—	1.0	4
	Pad Idan	000 86	0 00 00	98 00 0	041 01	0 0 9 0 0	- - - 02	000 74	0 16 09	99 00 0	069 78	0 0 9 0 0	- - - 74	—	—	0.3	—	0.0	
	Karachi (Manora)	003 77	3 25 09	98 01 1	083 84	3 1 5 0 0	- - - 86	000 76	8 00 09	97 02 2	081 80	8 6 4 0 0	- - - 79	+ 1	+ 2	1.5	- 4 5	1 6	3
	Karachi (A. P.)	000 74	8 33 12	96 02 2	025 88	8 6 4 - -	- - - 88	000 75	8 27 05	97 02 2	081 79	5 5 5 0 0	- - - 77		—	2.9		2.9	
	Badin	000 72	0 23 07	97 00 0	077 91	0 0 9 0 0	- - - 95	000 72	0 18 07	97 00 0	093 80	0 0 9 0 0	- - - 75	0	0	7.0	- 0.2	7.0	8
	Nagarparkar																		
	Chhor (Umarkot)	000 78	0 16 09	97 00 0	059 96	0 0 9 0 0	- - - 98	000 74	0 22 07	97 00 0	087 80	0 0 9 0 0	- - - 73	—	—	2.1	—	2.1	
	Hyderabad	000 72	5 33 10	97 00 0	087 91	0 0 9 0 0	- - - 98	000 75	0 23 07	97 00 0	078 79	0 0 9 0 0	- - - 76	+ 1	+ 1	1.8	- 4 2	2.0	7
JUNAGADH	Veraval																		24
AFGHANISTAN	Kabul							000 45	0 20 02	98 00 0	010 63	0 0 9 0 0	- - - 58		—	0.7	—	10.8	13
	Jalalabad	000 59	2 02 02	98 01 0	989 95	0 0 9 7 0	3 x 9 99							—					—
	Kandahar	000 63	0 00 00	98 00 0	917 89	0 0 9 0 0	- - - 98	000 45	0 00 00	97 00 0	920 56	0 0 9 0 0	- - - 46	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 21ST SEPTEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR $T_d T_d$	N dd ff	VV ww W	PPPTT	$E_h C_L h C_M C_H$	$W_1 D_H D_M T_z T_x$	At 0300 Hrs. G. M. T. of date. RRR $T_x T_x$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_n T_n$	Departures 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	Normal Annual
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
India	Gharba:	-	-					-	-					-	-	-	-	-	4
	Jask	-	-					-	-					-	-	-	-	-	4
	Mashet	...	-					-	-					-	-	-	-	-	10
	Bushire		...					-	-					-	-	-	-	-	11
Arabia	Muscat	000 79	0 15 05	97 99 9	066 85	8 8 8 8 8	- - - 87	000 81	0 00 00	96 99 9	082 85	8 8 8 8 8	- - - xx	- 6		6	0.1	8.6	4
	Sharjah																		4
	Kuwait	000 xx	0 21 05	97 99 9	045 95	8 8 8 8 8	- - - 89	000 xx	0 27 05	97 99 9	051 87	8 8 8 8 8	- - - 79	—	—	8	—	1.9	7

* Barometer readings reduced to 1 geodynamic Kilometre 8,550-8,854 feet according to latitude.
† Barometer readings reduced to 3 geodynamic Kilometre (8,698-8,712 feet according to latitude.
†† Barometer readings reduced to 3 geodynamic Kilometre (10,049-10, 088 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 $L_a L_a l_a$	$L_o L_o L_o$ 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 $T_s T_s$ $T_d T_d$	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shwedagon	53 112	650 06	1 35 12	98 02 1	135 xx	12 6 08	—	—	—	—
Jaljawahar	53 122	690 06	2 30 08	98 01 0	148 64	20 8 01	2 5 xxx	—	—	—
Jalamani	53 200	713 08	1 36 08	98 01 0	129 83	00 9 30	7 4 811	—	—	—
Dara	53 118	690 06	2 26 06	98 01 1	137 68	11 7 05	3 5 810	—	0 01 78	1 35 xx
Shwedagon	53 110	658 12	3 26 15	98 02 0	114 xx	21 5 00	—	—	—	—
City of Bristol	53 176	730 18	3 25 09	91 02 2	107 80	22 6 88	4 5 800	—	0 58 78	1 35 88
Dara	53 200	718 18	4 26 06	98 02 1	112 68	12 7 09	3 5 805	—	0 00 80	1 36 xx
Jalakendra	53 113	684 18	4 23 15	98 01 8	128 82	27 5 xx	—	—	—	—
Jaljawahar	53 186	710 18	3 30 08	98 02 1	114 82	24 6 02	2 5 800	—	—	—
Beren	53 129	738 42	6 30 09	98 01 1	094 84	44 5 51	7 4 717	—	0 01 78	1 33 88
Jaljawahar	53 184	702 12	2 30 06	98 01 0	103 84	24 7 09	2 5 xxx	—	—	—
BAY OF BENGAL										

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

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX1X2	P1P1h1h1h1	T1T1Td1Td1Tx1 etc.	5553	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	006 27 247 60	000 26 262 29	854 82 256 65	700 43 145 49	509 48 529 91	802 16	789 97 801 80	999 97 555 55	189 53	189 97	339 00	281 52	455 08	281 17	678 00	229 33	456 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 ††										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
Bora	10 08	24 04	29 07	39 13	29 14	27 12	—	—	—	—	14 13	10 07	19 02	31 12	—	—	25 06	20 05	21 07	34 06	24 04	26 05	25 10	—
Chhor	21 18	21 13	21 11	21 02	19 08	04 04	08 13	09 09	—	—	—	—	—	—	—	—	24 18	24 252	20 20	18 13	18 11	02 15	09 19	—
Chittagong	31 07	31 06	35 04	35 05	27 05	25 08	—	—	—	—	24 04	22 10	—	—	—	—	31 08	30 05	28 08	28 08	28 07	29 05	—	—
Cox's Bazar	21 12	26 05	24 07	25 05	24 04	27 06	28 15	29 19	—	—	—	—	—	—	—	—	26 07	21 06	02 04	25 08	21 04	21 05	—	—
Dacca	27 01	30 03	03 05	32 08	30 10	23 07	25 17	—	—	—	15 05	15 02	12 01	26 02	24 03	31 09	16 05	31 21	18 03	11 06	19 05	—	—	15 16
Dalbandin	—	—	24 01	25 02	22 06	27 07	15 09	15 07	19 13	22 15	—	—	—	29 05	26 02	15 08	—	—	15 01	25 06	22 14	20 08	01 10	24 24
Drosh	—	—	—	—	21 05	25 02	—	21 09	25 29	28 29	—	—	—	25 20	23 03	28 08	—	—	—	—	24 04	03 04	29 15	—
Fort Sandeman	—	—	—	29 09	19 01	04 03	19 22	—	—	—	—	—	—	05 04	03 01	08 04	—	—	—	02 01	03 05	28 19	14 04	—
Faqeebabar	16 08	28 01	25 02	24 03	26 02	18 03	14 02	19 03	20 08	25 16	20 11	21 04	25 04	24 11	22 10	28 15	18 08	25 05	19 05	25 08	24 07	23 06	29 09	—
Fhelum	—	—	—	—	—	—	—	—	—	—	14 08	22 02	29 02	29 05	28 08	24 13	14 04	29 02	20 04	29 11	23 14	22 18	25 14	—
Kiwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	26 25	27 15	28 16	—	—	—	—	—	—	—	27 10	26 15	27 18	00 04	27 09	06 07	27 14	27 15	27 18	—	—	—	—	—
Khanpur	21 08	20 11	20 13	25 07	20 06	23 03	21 06	21 04	—	—	21 24	23 10	26 16	25 03	21 07	—	23 13	24 00	24 17	19 16	24 08	—	—	—
Lahore	26 04	21 05	27 04	29 05	26 04	29 12	24 20	23 24	25 25	21 44	27 12	28 12	29 12	30 05	28 06	26 06	23 03	27 10	27 06	26 07	24 03	25 03	25 21	24 25
Multan	21 10	20 13	20 11	25 07	23 05	24 10	23 07	—	—	—	23 19	25 25	23 23	25 13	27 11	25 06	21 16	24 15	23 05	17 04	17 11	21 18	24 05	26 19
Peshawar	—	25 01	23 01	24 04	25 05	29 16	29 12	29 21	29 23	26 30	—	29 08	23 07	25 08	20 05	02 04	—	24 19	23 14	26 07	01 05	20 05	21 19	24 17
Quetta					26 01	25 07	24 03	26 11	25 19	26 30	—	—	—	—	25 05	28 04	—	—	—	—	18 03	25 11	24 03	25 19
Bushire											—	—	—											
Bharian																								

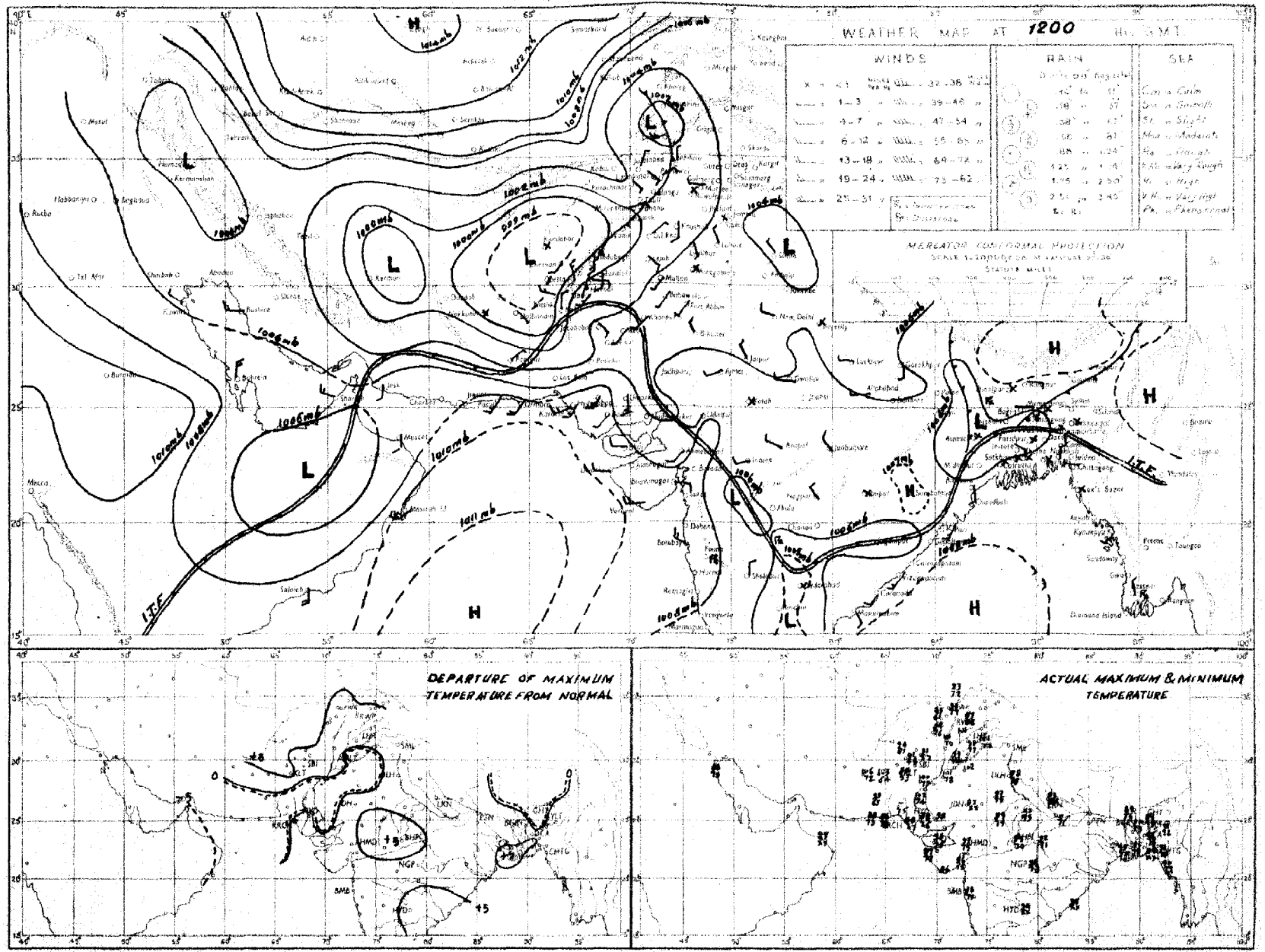
Cloud Observation Data (iiiGG Cddv, v,)

* 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 S.L. 0.5, 0.9, 1.5, 2.1, 2.9 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 kilometres.

X P. W.

PAKISTAN DAILY WEATHER MAP

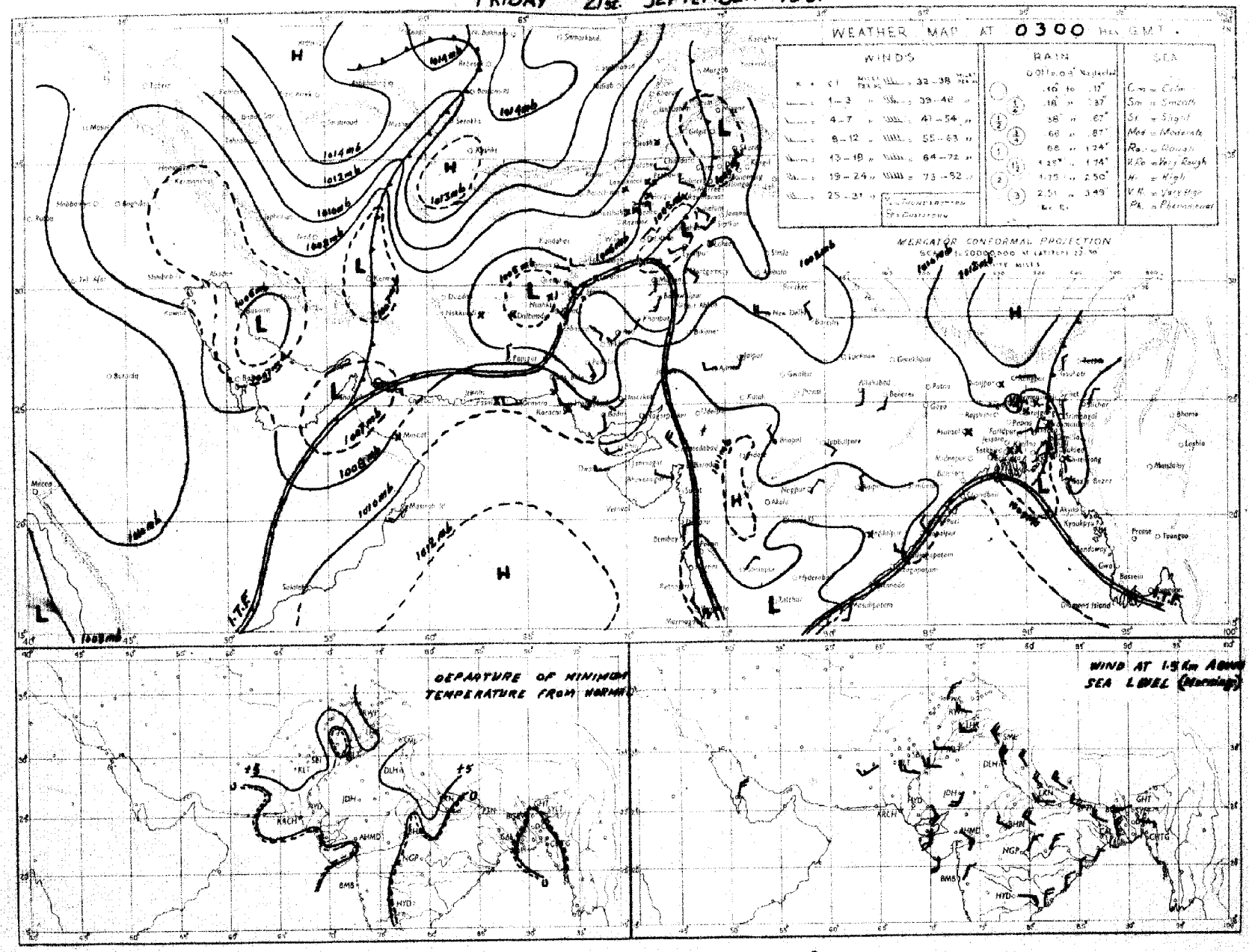
THURSDAY 20th: SEPTEMBER 1951



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 21st. SEPTEMBER 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 22ND SEPTEMBER, 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.

A trough of low extends from south Iran to Baluchistan.

Scattered rain/thunderstorms have occurred in East Pakistan and the North-West Frontier Province. Dinajpur reported [illegible]" rain.

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

Forecast valid until the evening of 23rd :—Scattered thunderstorms will occur in East Pakistan, the upper North-West Frontier Province, Kashmir and the adjoining north Punjab.

Karachi-11.
The 22nd September, 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	WtDsDmTxTx	At 0300 Hrs. G. M. T. of date: RRRTdTd	N dd ff	VVwwW	PPPTT	NhCLhCMCH	WtDsDmTnTn	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 75	0 00 00	95 01 1	066 84	0 0 9 0 0	- - - 90	000 78	1 00 00	97 01 1	096 85	0 0 9 0 1	- x 77	+ 3	+ 1	92.4	13.5	102.0	140
	Chittagong	000 76	2 27 06	97 02 1	054 85	0 0 9 1 1	- x x 92	000 76	1 00 00	99 03 4	092 86	0 0 9 0 1	- x 77	+ 5	+ 1	88.0	+ 13.2	117.7	108
	Noakhali	400 74	9 36 05	95 00 0	xxx 89	0 0 9 0 0	- - - 80	000 75	0 36 05	94 00 4	xxx 84	0 0 9 0 0	- - - 79	—	—	—		—	115
	Comilla	000 79	1 16 05	98 03 1	050 85	1 4 7 0 0	- - - 86	000 76	0 36 02	98 00 0	091 85	0 0 9 0 0	- - - 76	3	- 1	91.6	+ 30.9	99.0	94
	Brahmanbaria	000 78	4 00 00	97 03 1	088 86	4 4 5 0 0	- - x 90	000 79	0 00 00	97 00 1	097 89	0 0 9 0 0	- - - 78	—	—	48.0	+ 2 1	58 1	73
	Dacca	000 75	2 00 00	97 02 1	060 82	2 8 7 . 0	8 x x 92	000 77	1 00 00	98 03 0	095 97	1 2 6 0 0	- - - 74		—	—	—		—
	Narayanganj	000 76	1 00 00	98 01 1	059 86	0 0 9 0 2	- - - 92	000 78	1 00 00	98 01 1	091 88	1 5 8 0 0	- - - 78	+ 5	- 1	57.0	+ 10.6	75.9	74
	Mymensingh	000 78	4 09 02	99 01 2	066 84	4 1 6 0 0	- - - 86	000 78	0 09 02	99 00 0	096 84	0 0 9 6 0	- - xx	- 1	—	39.6	20.7	47.6	91
	Srimangal	000 79	2 00 00	96 01 1	064 88	1 2 6 0 2	- x - 91	000 77	5 05 02	96 02 1	098 83	3 2 5 2 0	- 2 72	0	- 2	68.0	+ 6.5	90.1	98
	Khulna	000 79	2 00 00	97 00 0	070 87	2 8 3 0 2	- x - 92	000 76	2 23 02	97 00 0	101 87	2 2 8 0 0	- - - 80	+ 4	+ 3	41.2	5.4	40.7	88
	Satkhira	011 81	6 00 00	97 03 6	054 84	4 4 6 6 0	- - x 95	011 77	4 00 00	97 03 1	093 86	4 4 6 0 0	- - x 78	+ 6	+ 1	28.4	+ 6.4	37.2	65
	Jessore	000 76	6 00 00	98 02 2	062 86	6 5 6 0 0	- - - 96	000 79	3 13 03	97 01 3	093 39	3 8 6 0 0	- - - 75		—	30.8	- 11.1	37.9	66
	Faridpur	000 78	4 00 00	97 03 1	066 87	1 5 6 1 0	9 - x 88	000 79	2 16 02	97 01 1	100 87	2 4 7 0 0	- - - 78	+ 1	0	48.2	1.7	49.6	72
	Barisal																		81
	Pabna																		50
	Rampur Boalia																		56
	Sirajganj	000 77	2 00 00	99 01 1	058 83	2 1 6 0 0	- - - 88	000 77	0 00 00	99 00 0	089 88	0 0 9 0 0	- - - 77	—	- 1	45.9	+ 2.1	55.9	84
	Bogra	000 76	3 09 02	96 01 1	068 85	2 1 6 0 1	- x - 90	020 77	0 09 02	97 00 1	095 84	0 0 9 0 0	- - - 77	+ 2	0	32.6	- 14.7	30.4	65
	Dinajpur	032 74	3 00 00	99 01 6	074 80	0 0 9 1 0	8 - 2 87	032 75	0 00 00	97 00 0	105 84	0 0 9 0 0	- - - 75	1	2	41.1	12.1	45.4	72
	Rangpur	005 xx	3 00 00	99 02 1	— —	2 1 6 0 0	- - - —	005 xx	2 09 02	96 02 1	— —	2 1 6 0 0	- - - xx	—	—	65.0	+ 6.7	74.2	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 64	0 18 02	97 00 0	026 98	0 0 9 0 0	- - - 99	000 67	0 18 02	96 00 0	072 82	0 0 9 0 0	- - 79	+ 3	+ 1	5.9	3.1	10.2	12
	Lahore	000 69	1 36 05	96 02 1	032 01	0 0 9 4 0	4 x 9 03	000 71	0 00 00	96 00 0	084 87	0 0 9 0 0	- - - 77	+ 5	+ 7	10.6	3.7	14.7	19
	Sialkot	000 67	2 00 00	97 03 1	028 98	0 0 9 4 0	- - - 01	000 72	1 05 02	97 02 0	078 87	0 0 9 0 1	x - 81	+ 6	+ 9	18.8	9.3	18.7	32
	Jhelum	000 69	1 00 00	98 03 1	032 97	0 0 9 8 0	6 x 9 01	000 72	0 00 00	96 00 0	079 85	0 0 9 0 0	- - - 78		—	16.6		25.8	—
	Rawalpindi	000 66	3 00 00	98 01 1	025 95	0 0 9 8 0	- - - 09	000 67	0 36 07	96 05 1	075 88	0 0 9 0 0	- - - 77	+ 7	+ 10	14.9	8.2	25.7	34
	Murree †	000 59	4 00 00	96 01 1	972 71	4 1 4 0 0	9 x x 75	000 58	2 29 02	96 01 1	001 65	2 1 4 0 0	- - - 58	+ 5	+ 4	21.6	12.9	48.2	59
	Attock	xxx xx	0 02 05	97 00 0	— —	0 0 9 0 0	- - - —	xxx xx	3 13 02	96 00 0	— —	3 0 8 2 0	- x xx	—		—	—	—	—
	Khushab	000 64	0 14 05	96 00 0	020 02	0 0 0 0 0	- - - 04	000 69	0 07 02	97 00 0	074 87	0 0 9 0 9	- - - 80	+ 5	+ 6	5.9	- 6.9	8.0	15
	Montgomery	000 65	0 00 00	97 00 0	035 98	0 0 9 0 0	- - - 99	000 64	0 23 03	96 00 0	084 88	0 0 9 0 0	- - - 77	0	+ 3	2.5	- 4.7	6.1	10
	Leiah	000 69	0 13 02	97 00 0	xxx 06	0 0 9 0 0	- - - 06	000 69	0 05 02	97 00 0	089 85	0 0 9 0 0	- - - 77	—	—	0.9	—	6.6	6
	Multan	000 69	0 23 05	97 00 0	028 99	0 0 9 0 0	- - - 01	000 69	0 23 02	97 00 0	074 81	0 0 9 0 0	- - - 77	+ 3	+ 2	3.8	- 1.0	8.9	7
	Khanpur	000 59	0 22 09	96 05 0	045 xx	0 0 9 0 9	- - - 02	000 72	0 23 05	95 05 0	001 82	0 0 9 0 9	- - - xx	+ 1	—	0.3	4.5	1.9	6
	Bahawalpur	000 70	0 23 02	97 00 0	026 01	0 0 9 0 0	- - - 03	000 69	0 00 00	97 00 0	086 81	0 0 9 0 0	- - - 76	+ 4	+ 4	1.9	2.3	5.0	6
	Fort Abbas	000 67	0 23 08	96 00 0	xxx 01	0 0 9 0 0	0 x x 08	000 76	0 23 03	96 00 0	004 85	0 0 9 0 0	- - - xx		—	2.8	—	3.7	8
N. W. F. P.	Drosh *	000 41	3 25 10	96 02 1	908 94	2 2 8 0 0	5 x x 97	002 59	0 00 00	98 00 0	951 75	0 0 9 0 0	- - - 73	—	—	1.7	—	21.9	18
	Chakdara	000 65	0 09 02	98 00 0	002 95	0 0 9 0 0	- - - 98	000 62	0 09 00	98 00 0	082 79	0 0 9 0 0	- - - 78	—	—	6.5	—	18.8	—
	Cherat *	000 60	0 18 10	97 00 1	954 88	0 0 9 0 0	4 x x 92	000 61	0 18 02	97 00 1	909 77	0 0 9 4 0	- - - 72	+ 8	+ 8	6.0	- 5.8	28.0	29
	Peshawar	000 64	5 02 05	96 03 1	009 96	4 9 6 4 0	- - - 99	000 68	0 00 00	96 00 0	078 84	0 0 9 0 0	- - - 78	+ 5	+ 9	1.3	2.9	8.6	14
	Parachinar	000 50	3 18 02	99 . 1	967 84	3 2 8 8 0	5 x 7 88	000 52	0 00 00	99 00 1	995 74	0 0 9 0 0	- - - 64	+ 9	+ 8	0.2	—	28.7	30
	Miranshah	000 60	2 11 05	98 28 4	927 94	0 0 9 4 5	- - - 96	000 60	0 00 00	98 28 4	847 79	0 0 9 0 0	- - - 75	—	—	0.9	—	10.5	19
	Bannu	000 67	4 09 02	99 03 0	004 97	0 0 9 3 0	- - - 00	000 72	0 00 00	99 00 0	061 57	0 0 9 0 0	- - - 78	—	—	0.9		5.8	11
	D. I. Khan	000 60	0 05 02	96 00 0	001 04	0 0 9 0 0	- - - xx	000 70	0 05 02	96 00 0	079 85	0 0 9 0 0	- - - 70		- 3	1.1	- 4.2	2.6	9
	Wana																		11
	Landikotal	000 63	3 13 05	97 17 1	927 89	3 9 5 0 0	- - - 94	000 62	0 05 02	98 95 9	977 83	0 0 9 0 0	- - - 72	—	—	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	—	—	—	—	—	—
	Thall	xxx xx	1 18 13	99 01 1	— —	1 3 7 0 0	- - - —	xxx xx	0 00 00	99 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 25	0 32 07	98 00 0	970 95	0 0 9 0 0	- - - 97	000 47	0 00 00	96 01 0	974 75	0 0 9 0 0	- - 69	+ 5	+ 5	4.1	- 0.9	10.0	11
	Hindubagh	000 13	0 23 12	98 00 0	948 89	0 0 9 0 0	- - - 92	000 32	0 23 05	96 00 0	934 71	0 0 9 0 0	- - - 54	—	—	0.2	—	3.5	—
	Loralai	000 67	0 18 06	96 00 0	930 88	0 0 9 0 0	- - - 98	000 55	0 31 00	96 00 0	943 68	0 0 9 0 0	- - - 58	—	—	1.2		8.1	—
	Harnai (a)	000 xx	0 25 05	95 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 27 02	95 00 0	— —	0 0 9 0 0	- - - xx	.	—	2.0	- 5.3	10.6	14
	Sibi	000 68	0 23 05	98 00 0	015 94	0 0 9 0 0	- - - 05	000 67	0 00 00	93 00 0	082 86	0 0 9 0 0	- - - 81	—	—	2.2	—	3.8	4
	Quetta †	000 59	0 31 05	99 00 0	960 88	0 0 9 0 0	- - - 00	000 60	0 16 02	99 00 0	981 70	0 0 9 0 0	- - - 61	—	—	0.8	- 0.2	9.3	9
	Chaman	000 59	0 27 02	97 00 0	938 93	0 0 9 0 0	- - - 95	000 57	0 11 02	97 00 0	975 80	0 0 9 0 0	- - - 71	+ 6	+ 10	0	0.2	9.6	8
	Nushki	000 53	0 31 05	97 00 0	958 91	0 0 9 0 0	- - - 02	000 51	0 09 05	96 00 0	030 85	0 0 9 0 0	- - - 78	—	—	0	—	5.4	—
	Dalbandin *	000 39	0 23 08	96 00 0	937 91	0 0 9 0 0	- - - 03	000 42	0 00 00	96 00 0	960 74	0 0 9 0 0	- - - 68	+ 5	+ 10	0	- 0.3	1.5	4
	Nokkundi	000 70	2 00 00	99 03 0	977 34	0 0 9 0 2	- - x 06	000 58	0 09 02	99 00 0	961 88	0 0 9 0 0	- - - 76	—	—	0	—	0.9	2
	Kalat †	000 58	0 23 06	98 00 0	970 95	0 0 9 0 0	- - - 88	000 63	0 18 05	99 00 0	995 63	0 0 9 0 0	- - - 56	+ 7	+ 10	0.8	- 0.4	0.7	7
	Turbat	000 81	0 20 08	97 00 1	xxx 91	0 0 9 0 0	- - - 01	000 71	5 24 02	96 03 1	094 80	0 0 9 2 0	9 - x 77	—	—	0	.	1.4	—
	Panjgur *	000 34	0 23 02	97 00 0	943 97	0 0 9 0 0	- - - 92	000 67	0 31 02	97 00 0	972 80	0 0 9 0 0	- - - 82	+ 4	- 1	0		2.2	3
	Las Bela	000 78	1 16 06	99 00 0	040 00	0 0 9 0 0	- - - 02	000 74	0 00 00	99 00 0	088 83	0 0 9 0 0	- - - 79	—	—	1.6	—	1.7	8
	Ormara	000 79	1 25 09	97 03 0	059 85	1 5 6 0 9	- - - 86	000 76	6 00 00	97 01 0	094 81	6 4 6 0 0	- - - 78	—	—	0.3	0.5	3.0	6
	Pasni	000 78	0 23 10	97 00 0	064 35	0 0 9 0 0	- - - 86	000 73	0 00 00	96 00 1	100 80	0 0 9 0 0	- - - 75	- 3	+ 3	0.8	1.4	4.0	6
	Jiwani																		4
SIND	Keti	000 80	0 22 05	98 00 0	045 05	0 0 9 0 0	- - - 05	000 70	0 00 00	96 00 0	090 86	0 0 9 0 0	- - - 71	—	—	1.7	—	2.2	—
	Jacobabad	000 71	0 18 07	97 00 0	033 99	0 0 9 0 0	- - - 00	000 66	0 09 05	96 00 0	087 80	0 0 9 0 0	- - - 76	- 3	+ 1	0.2	2.0	0.7	4
	Sukkur	000 74	0 xx xx	98 00 0	034 00	0 0 9 0 0	- - - 02	000 68	0 xx xx	96 00 0	079 80	0 0 9 0 0	- - - 76	—		0.5	—	1.9	4
	Pad Idan	000 68	0 13 05	93 00 0	036 00	0 0 9 0 0	- - - 00	000 78	0 13 09	98 00 0	077 77	0 0 9 0 0	- - - 71	—	—	0.8	—	5.9	—
	Karachi (*Manora*)	000 76	5 25 09	98 02 2	069 84	5 8 5 0 0	- - - 84	000 77	4 25 05	97 01 1	093 83	4 6 4 0 0	- - - 79	0	+ 2	2.8	- 4.5	1.8	3
	Karachi (*A. P.*)	000 75	7 25 16	96 02 2	076 84	7 6 6 0 0	- - - 87	000 75	1 27 01	96 03 1	095 79	1 5 5 0 0	- - - 78	—	—	2.9		3.0	—
	Badin	000 75	0 18 09	97 00 0	065 61	0 0 9 0 0	- - - 95	000 78	0 23 04	97 00 0	108 79	0 0 9 0 0	- - - 74	0	- 1	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (*Umarkot*)	000 71	0 23 10	97 00 0	057 98	0 0 9 0 0	- - - 99	000 74	0 23 03	97 00 0	087 80	0 0 9 0 0	- - - 72	—	—	3.1	—	3.1	—
	Hyderabad	000 67	0 23 07	97 00 0	056 98	0 0 9 0 0	- - - 96	000 74	0 23 06	97 00 0	089 77	0 0 9 0 0	- - - 74	- 2	- 1	1.9	- 4.2	2.0	7
JUNAGADH	Veraval																		25
AFGHANISTAN	Kabul	000 45	1 01 02	xx xx x	080 87	1 8 9 0 5	- - - 89	000 51	1 29 02	97 01 0	020 84	1 1 8 0 0	- - - 58	—	—	0.7	—	10.3	13
	Jalalabad	000 48	2 09 02	98 01 0	987 77	0 0 9 7 0	3 x 9 01	000 67	1 27 02	98 01 7	005 70	0 0 9 7 0	- - x 65	—	—	0.5	—	8.9	—
	Kandahar	000 58	0 00 00	98 00 0	980 88	0 0 9 0 0	- - - 99	000 39	0 00 00	97 00 0	940 58	0 0 9 0 0	- - - 58	—	—	0	—	10.5	—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 22ND SEPTEMBER, 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 $T_d T_d$	R dd	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_x T_x$	RRR $T_d T_d$	R dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_n T_n$	$T_x T_x$	$T_n T_n$	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
Iran †	Chahbar:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Bank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Arabia	Muscat	000 81	2 05 02	97 00 0	056 86	0 0 9 5 0	- - - 27	006 81	1 00 00	96 00 0	036 86	0 0 9 4 0	- - - xx	- 4	...	0	- 0.1	3.8	4
	Bharain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 05 02	97 00 0	046 99	0 0 9 0 0	- - - 02	000 xx	0 27 01	97 00 0	034 90	0 0 9 0 0	- - - 81	-	-	0	-	1.5	1

* Barometer readings reduced to 1 geodynamic Kilometre 3,350-3,356 feet according to latitude. (a) Reports only rainfall.
† Barometer readings reduced to 2 geodynamic Kilometre (6,690-6,712 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	$N_h C_L h C_M C_H$	$D_s v_s$ 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	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Bristal	63 148	740 06	6 22 02	81 02 2	107 81	11 4 41	4 5 202	-	0 04 76	2 22 21
Masimpur	63 210	664 06	5 22 06	98 02 6	121 00	84 5 00	-	-	-	-
Shwedagon	63 205	686 06	1 27 06	95 02 0	138 xx	18 0 00	-	-	-	-
Dara	63 218	642 06	3 27 06	95 02 1	113 82	21 6 01	7 5 200	-	0 02 77	-
Windsor	63 187	731 12	5 02 05	95 03 1	109 82	99 6 xx	4 5 230	-	0 00 78	1 01 00
Shwedagon	63 201	692 13	1 26 06	99 02 0	105 xx	21 6 08	-	-	-	-
Darresa	63 227	682 12	1 27 06	95 03 0	126 82	11 6 06	7 5 200	-	-	-
Beren	63 167	699 12	4 33 08	99 02 0	082 84	41 6 01	7 0 711	-	0 01 78	1 33 22
Darresa	63 226	672 13	7 27 09	98 26 1	108 83	71 6 00	7 5 101	-	0 04 75	-
Shwedagon	63 197	618 18	1 28 06	93 02 0	115 xx	18 5 00	-	-	-	-
Tekian	62 112	665 06	5 26 06	99 00 6	083 74	89 x 70	7 4 317	8 5 6xx	0 50 78	1 26 21
Jalakendra	63 117	536 12	6 20 25	97 03 2	098 82	66 6 35	5 5 613	-	-	-
BAY OF BENGAL										
Taksang	63 103	981 00	8 26 05	98 80 6	098 79	88 x 2x	7 4 813	8 5 6xx	0 56 76	1 26 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	12	13 14	15 16 17	18 19 20	21 22 23 24 25	26
Karachi ...	780 14	006 27 241 60	000 22 262 44	854 82 240 64	700 37 145 73	509 46	010 97	902 35 779 90	655 55 529 00	201 88 485 56	240 78	668 00	221 12	466 00	004 88	884 00	569 97	863 63

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	18	19	20	21	22	23	24	25
Bogra	08 03	20 02	31 08	33 05	25 06						04 04	05 01	18 02	27 04	16 01	28 03	26 04	35 02	24 02	09 01	18 01	08 02	07 17	08 21
Chhor	20 21	21 21	21 22	18 26	15 23	09 17	10 26	01 05	17 20	-	01 11	26 09	25 08	01 08	26 03	-	23 17	19 21	18 23	17 19	11 26	19 11	16 17	-
Chittagong	34 04	35 06	08 07	-	-	-	-	-	-	-	35 11	26 10	07 09	08 01	19 02	19 01	03 06	01 08	01 08	04 04	18 04	23 06	23 16	-
Cox's Bazar	33 11	35 06	03 06	03 02	26 02	23 06	25 11	23 20	-	-	03 05	25 01	25 01	20 02	21 03	24 01	-	-	-	-	-	-	-	-
Dacca	15 04	17 02	16 01	09 02	32 04	×× ××	26 14	-	-	-	-	-	-	-	-	-	06 06	06 05	05 04	25 04	02 04	30 01	26 04	30 01
Dalbandin	-	-	26 02	25 05	20 06	23 08	18 14	21 21	23 24	23 28	-	-	26 03	23 17	25 13	23 06	-	-	23 02	22 09	23 13	19 02	19 10	30 16
Drosh	-	-	-	-	13 03	18 02	16 01	26 03	-	-	-	-	-	22 08	21 10	-	-	-	-	-	23 07	11 03	23 28	04 03
Fort Sandeman	-	-	-	33 07	26 02	22 06	24 09	-	-	-	-	-	-	22 09	22 11	23 14	-	-	-	07 01	21 07	08 08	23 02	-
Hyderabad	18 04	20 04	23 07	24 07	26 02	02 06	19 08	17 15	-	-	19 19	21 12	21 09	24 05	21 08	13 03	19 15	21 10	21 10	19 06	23 10	21 02	11 00	28 08
Khairpur	15 05	12 05	24 06	27 07	29 13	24 07	13 12	-	-	-	11 04	23 09	23 07	17 04	08 04	23 12	19 06	08 03	02 02	00 00	19 05	25 07	23 19	-
Liwan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Karachi	23 17	26 14	26 15	-	-	-	-	-	-	-	26 11	24 10	20 10	08 17	08 17	11 13	27 13	27 09	27 09	17 10	11 17	08 11	16 15	-
Khanpur	23 13	23 13	23 14	26 12	25 10	23 07	10 08	22 15	24 24	-	23 05	23 10	24 14	23 03	23 07	21 06	24 24	23 17	23 17	26 10	20 06	-	-	-
Lahore	20 08	21 03	25 02	28 02	22 08	22 12	22 13	29 20	29 25	28 25	09 02	27 04	27 05	27 06	26 04	21 08	28 02	21 04	22 24	21 05	29 03	25 07	22 13	25 10
Multan	20 14	19 10	19 08	28 02	25 08	30 08	17 02	24 23	-	-	23 23	23 27	24 19	24 16	21 10	08 23	28 21	24 11	24 08	25 03	4× ××	16 05	23 16	30 09
Peshawar	-	08 07	08 04	19 07	24 07	26 15	25 12	25 09	27 24	-	-	24 26	-	19 12	20 23	18 07	-	34 07	35 10	26 09	28 13	18 23	23 09	30 09
Quetta	-	-	-	-	30 09	31 05	19 06	22 19	26 25	-	-	-	-	-	30 04	26 23	-	-	-	-	29 05	21 09	20 15	-
Bush re	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dhanrat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

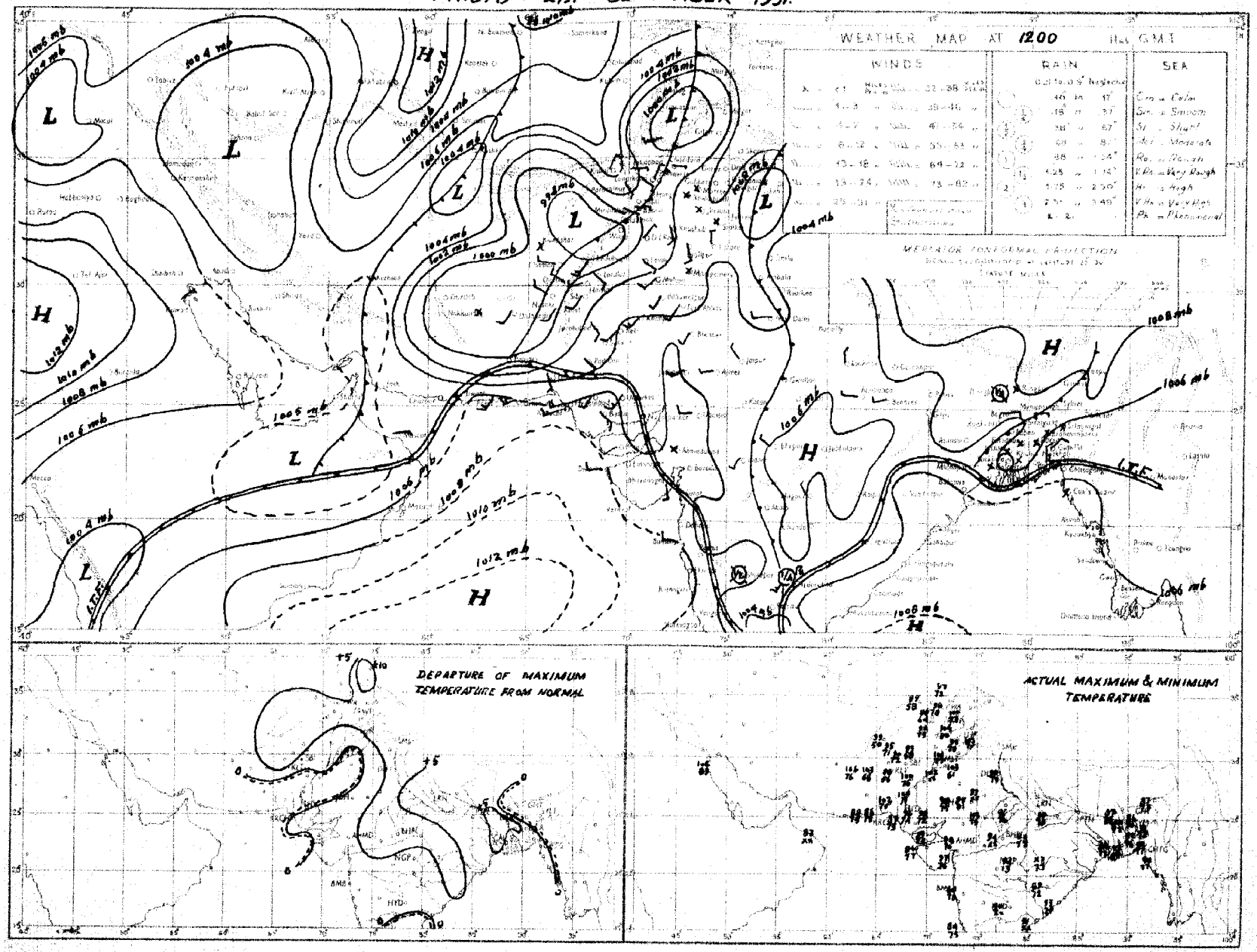
Cloud Observation Data (iiiGG Cddv. v.)

* 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, 1.0, 1.5, 2.0, 2.5, 3.0 & 3.5 K.ft. 4.0, 4.5, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0 K.ft. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

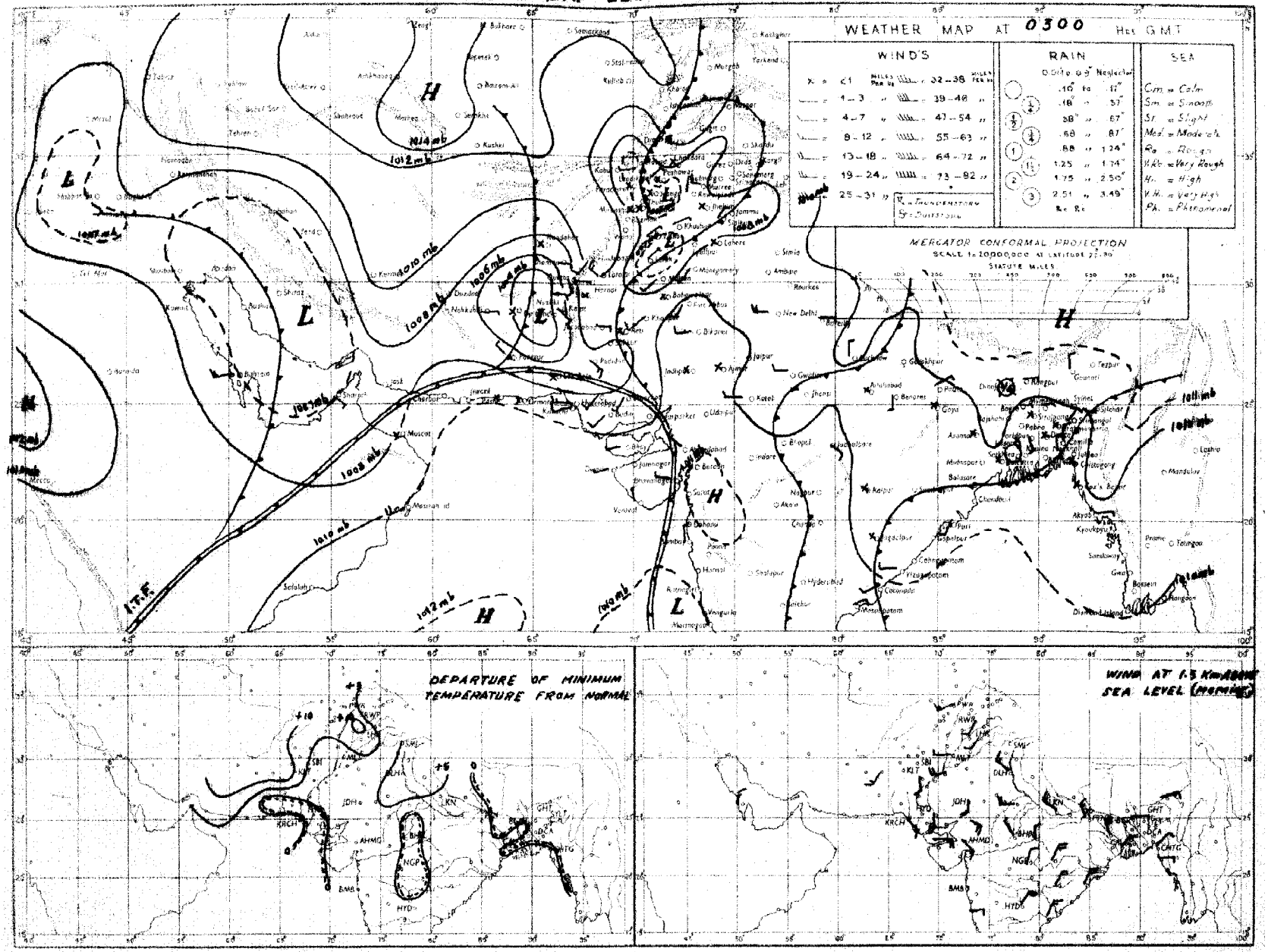
FRIDAY 21st SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 22nd. SEPTEMBER 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 23RD SEPTEMBER, 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 affecting Kashmir and the extreme north of West Pakistan.

A trough of low extends from south Iran to Baluchistan.

Local dust/thunderstorms have occurred in the upper North-West Frontier Province and the extreme north Punjab and local rain in the Deltaic sub-division of East Pakistan. Jessore, Satkhira and Murree reported 1" of rain each.

Day temperatures were appreciably to markely above normal in the North-West Frontier Province, the north Punjab and the Deltaic sub.division of East Pakistan.

Forecast valid until the evening of 24th :—Thunderstorms/showers will be local in the North-West Frontier Province, Kashmir and the adjoining north Punjab and scattered in East Pakistan.

Karachi-11.
The 23rd September, 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	000 78	1 00 00	98 01 1	067 85	1 1 7 0 0	- - - 91	000 77	0 00 00	97 00 1	094 88	0 0 9 0 0	- - - 76	+ 4	0	92.4	- 12 9	102 0	140
	Chittagong	000 77	2 25 02	94 02 1	039 86	1 2 7 0 1	0 x x 92	000 76	0 13 07	97 00 0	087 86	0 0 9 0 0	- 78	+ 5	+ 3	88.0	+ 18.2	117 7	106
	Noakhali	000 78	1 36 02	95 05 0	xxx 68	0 0 9 0 2	91	000 78	0 00 00	96 09 0	xxx 85	0 0 9 0 0	- - - 79	+ 4	+ 1			—	115
	Comilla	000 80	1 38 02	98 00 0	059 88	1 1 7 0 0	- - - 88	000 75	0 18 02	98 00 0	008 85	0 0 9 0 0	- - - 77	0	0	91 6	+ 30 6	99 0	94
	Brahmanbaria	004 78	0 00 00	97 00 0	063 88	0 0 9 0 0	- - - 91	000 73	0 00 00	92 00 0	090 88	0 0 9 0 0	79	—	—	48.0	+ 1 7	58 1	78
	Dacca	000 79	3 00 00	97 02 1	061 87	1 1 6 1 4	9 x x 92	xxx 79	3 00 00	93 03 1	083 87	2 5 5 0 0	9 x x 76	—	—	—	—		—
	Narayanganj	000 78	1 05 00	98 01 1	068 90	0 0 9 0 2	9 0 x 94	000 79	5 00 00	95 03 1	087 86	5 4 5 0 0	9 x x 81	+ 6	+ 2	57.0	+ 10.8	75 9	72
	Mymensingh	000 81	6 00 00	99 00 0	061 86	0 0 0 0 0	- - 89	000 76	0 00 00	98 00 0	086 79	0 0 9 0 0	- xx	+ 1	—	80.5	21 1	47 6	91
	Srimangal	000 79	1 00 00	98 01 1	061 86	1 2 6 0 2	- - - 92	000 79	2 00 00	96 02 1	092 83	3 2 5 0 0	- - - 77	+ 1	+ 2	68.0	+ 6 2	90 1	98
	Khulna	000 77	4 00 00	97 00 0	063 83	2 2 3 0 2	- x - 92	000 77	1 12 02	97 00 0	095 83	1 8 8 0 0	- - - 80	+ 4	+ 3	41.2	5 7	49 7	68
	Satkhira	000 79	8 23 02	97 03 1	052 82	1 9 8 8 0	x 92	011 81	6 00 00	97 03 1	094 84	4 4 7 6 0	- - x 79	+ 5	+ 2	28 7	- 15 4	37 5	65
	Jessore	028 78	7 xx xx	96 03 6	065 82	7 8 6 0 0	6 0 0 92	000 77	1 00 00	97 01 0	089 87	1 8 6 0 0	- - - 72	—		31.0	- 11 1	34 1	60
	Faridpur	000 80	2 00 00	96 01 1	061 88	1 4 7 1 0	9 x 8 85	000 77	3 00 00	97 02 0	089 86	5 5 7 0 0	- - - 79	+ 1	+ 1	43.2	2 0	49 6	71
	Barisal	000 76	6 00 00	98 02 1	063 89	1 3 6 0 8	- 93	000 78	0 00 00	98 00 0	090 88	0 0 9 0 0	- - - 79	+ 6	+ 1	48.1	- 0 8	56 6	81
	Pabna																		59
	Rampur Boalia																		50
	Sirajganj	000 77	0 00 00	99 00 0	059 84	0 0 9 9 0	- - - 89	000 81	0 00 00	99 00 0	088 86	0 0 9 0 0	- - - 78	—	0	48.9	+ 2 9	55 9	64
	Bogra	000 78	2 35 02	97 01 1	061 89	2 1 8 0 0	- - - 93	000 77	1 00 09	97 00 0	090 86	1 1 8 0 0	- - - 78	+ 5	+ 1	52.6	16 1	39 4	69
	Dinajpur	082 77	0 00 00	97 00 0	072 86	0 0 9 0 0	- - - 90	000 76	0 00 05	97 00 0	101 87	0 0 9 0 0	- - - 76	+ 2	2	41 1	12 5	46 4	71
	Rangpur	005 xx	0 00 00	98 02 1	— —	0 0 9 0 0	- - - —	000 xx	0 00 00	98 02 1	— —	0 0 9 0 0	- - xx	—	—	65.0	. 0 2	74 3	84
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 66	0 20 02	96 00 0	045 97	0 0 9 0 0	- - - 99	000 64	0 20 02	96 00 0	064 81	0 0 9 0 0	- - - 76	+ 1	+ 4	5.9	3 1	10 2	22
	Lahore	000 64	0 27 03	94 00 0	053 90	0 0 9 0 0	- - - 02	000 65	0 00 00	96 00 0	074 84	0 0 9 0 0	- - - 77	+ 4	+ 7	10.6	3 7	14 7	19
	Sialkot	000 69	2 27 02	97 02 1	041 98	1 1 6 4 0	- - - 01	000 70	0 09 02	97 00 1	087 86	0 0 9 0 0	- - 80	+ 6	+ 8	18.8	9 3	18 7	32
	Jhelum	000 69	6 23 02	96 03 1	045 96	1 1 7 0 1	- - - 01	000 65	0 00 00	96 00 0	081 84	0 0 9 0 0	- - 76	—	—	16.5		25 8	
	Rawalpindi	000 66	4 27 02	97 01 1	042 97	2 2 7 1 0	- - - 00	000 70	0 00 00	99 00 3	074 80	0 0 9 0 0	8 x x 78	+ 7	+ 6	14 0	8 2	25.7	34
	Murree †	000 59	7 11 05	95 95 1	984 68	7 9 8 0 0	9 x x 74	030 53	0 27 07	98 00 9	987 66	0 0 9 0 0	9 x x 63	+ 4	1	21.9	12 7	48 5	59
	Attock	xxx xx	4 23 05	96 00 0	— —	4 0 5 2 0	- - - —	xxx xx	0 27 02	97 00 3	— —	0 0 9 0 0	8 0 9 xx	—		—		—	—
	Khushab	000 66	0 18 05	97 00 0	042 00	0 0 9 0 0	- - - 02	000 67	0 07 02	97 00 0	064 86	0 0 9 0 0	- - - 79	+ 3	+ 5	8 1	6 9	8.0	15
	Montgomery	000 60	0 00 00	98 00 0	050 98	0 0 9 0 0	- - - 00	000 63	0 00 00	96 00 0	072 80	0 0 9 0 0	- - 73	+ 1	1	2.5	4 7	6 1	10
	Leiah	000 72	2 03 02	97 00 0	036 04	0 0 9 0 0	- 08	000 64	0 27 02	97 00 0	087 77	0 0 9 0 0	- - 72	—	—	0.0		6 6	8
	Multan	000 68	0 21 05	95 00 0	048 98	0 0 9 0 0	- - - 01	000 64	0 23 02	96 00 0	065 80	0 0 9 0 0	- - - 75	+ 3	0	5.8	1 1	6 9	7
	Khanpur	000 49	0 23 09	95 05 0	067 01	0 0 9 0 9	- - - 03	000 80	0 23 03	95 06 0	087 81	0 0 9 0 0	- - - 74	+ 2	+ 2	0.3	4 5	1 9	6
	Bahawalpur	000 09	0 00 00	97 00 0	056 98	0 0 9 0 0	- - - 00	000 68	0 28 07	97 00 0	075 89	0 0 9 0 0	- - 77	+ 1	+ 5	1.0	2 3	5 0	6
	Fort Abbas	000 67	0 23 03	96 00 0	002 20	0 0 9 0 0	0 x x 02	000 77	0 28 03	96 00 0	985 84	0 0 9 0 0	0 x x 73		—	2 8	—	3 7	8
N. W. F. P.	Drosh *	000 52	8 00 00	97 08 9	961 64	8 9 6 - -	4 x x 90	003 52	4 00 00	99 02 1	988 68	0 0 9 4 0	9 x x 67	—	—	1.7	—	21 9	13
	Chakdara	000 65	x xx xx	99 00 0	024 85	0 0 9 0 0	- - - 92	000 61	0 13 02	99 00 0	084 75	0 0 9 0 0	- - 69			6.5	—	18 8	
	Cherat *	000 58	6 18 07	97 08 1	966 86	0 0 9 0 7	4 6 x 91	000 54	0 36 02	97 00 0	998 74	0 0 9 0 0	- - - 66	+ 7	+ 4	0.0	5 8	28 0	20
	Peshawar	000 68	6 36 02	96 05 1	083 93	0 0 9 0 0	- - - 92	000 62	0 20 03	95 05 1	077 81	0 0 9 0 0	- - - 72	+ 4	+ 4	1.3	8 0	8 6	14
	Parachinar	000 50	4 05 02	99 01 9	032 78	1 3 3 3 0	- - - 85	000 51	0 13 02	99 00 1	985 78	0 0 9 0 0	- - - 68	+ 6	+ 7	9.2		26 7	29
	Miranshah	000 50	4 11 03	98 02 1	980 93	0 0 9 4 5	- - - 96	000 55	0 00 00	99 00 0	882 80	0 0 9 0 0	- - - 72	—	—	3.6	1 0	10 5	13
	Bannu	000 70	0 00 02	99 00 0	027 97	0 0 9 0 0	- - - 90	000 69	0 00 00	99 00 0	067 60	0 0 9 0 0	- - - 76	—	—	0.0		5.8	11
	D. I. Khan	000 60	0 05 02	98 00 0	033 94	0 0 9 0 0	- - - 00	000 72	0 05 02	96 00 0	068 79	0 0 9 0 0	- - - 65	+ 1	- 8	1.1	4 3	2.8	9
	Wana																		11
	Landikotal	000 64	8 09 03	98 17 9	951 87	8 7 6 0 0	- - 80	000 59	0 00 00	98 85 9	973 77	0 0 9 0 0	- - - 68	—	—	2.4		12 0	-
	Hangu	xxx xx	6 00 00	97 03 1	— —	0 0 9 2 0	6 x 0 —	xxx xx	0 00 00	97 00 1	— —	0 0 9 0 0	9 x x xx	—	—	—	—	—	-
	Thall	xxx xx	3 18 02	98 08 1	— —	2 9 7 1 0	- - - —	xxx xx	0 36 09	97 00 0	— —	0 0 9 0 0	- - - xx	—	—			—	-
BALUCHISTAN	Fort Sandeman	000 40	2 00 00	97 01 1	044 91	0 0 9 4 0	5 x x 97	000 52	0 00 00	97 05 0	985 74	0 0 9 0 0	- - - 69	+ 5	+ 6	4.1	0.9	10 0	11
	Hindubagh	000 27	1 00 00	97 02 1	942 86	1 1 7 0 0	- - - 90	000 51	0 23 02	98 00 0	984 74	0 0 9 0 0	- - - 58	—	—	0.3	—	8 5	-
	Loralai	000 78	0 13 03	98 00 0	958 38	0 0 9 0 0	- - - 89	000 57	0 00 00	98 00 0	979 49	0 0 9 0 0	- - - 57	—	—	1.7	—	8 1	-
	Harnai (a)	000 xx	0 00 02	98 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 29 02	96 00 0	— —	0 0 9 0 0	- - - xx			2.0	5 3	10.6	14
	Sibi	000 60	0 23 03	98 00 0	048 92	0 0 9 0 0	- - - 08	000 63	0 00 00	98 00 0	088 82	0 0 9 0 0	- - - 79	—	—	2.3		3 6	6
	Quetta †	000 55	4 11 07	98 03 1	971 85	0 0 9 3 0	7 x 0 98	000 57	0 16 02	99 10 0	984 60	0 0 9 0 0	- - - 57	—	—	0.8	0.2	9.3	9
	Chaman	000 65	0 27 08	97 00 0	045 93	0 0 9 0 0	- - - 95	000 60	0 13 08	97 00 0	979 79	0 0 9 0 0	- - - 72	+ 6	+ 11	0	0 2	9.6	8
	Nushki	000 67	2 20 10	97 03 0	008 99	0 0 8 7 0	2 0 9 01	000 50	0 09 07	96 00 0	040 84	0 0 9 0 0	- - - 79	—	—	0	—	5 4	-
	Dalbandin *	000 51	1 23 08	96 03 0	951 94	1 1 7 0 0	- - - 01	000 53	0 00 00	96 00 0	980 80	0 0 9 0 0	- - - 70	+ 3	+ 12	0	0.3	1.8	4
	Nokkundi	000 76	2 18 05	99 03 1	000 08	0 0 0 0 2	9 0 x 05	000 62	0 07 02	99 00 0	087 86	0 0 9 0 0	- - 77	—	—	0	-	0.9	2
	Kalat †	000 57	7 18 05	96 03 1	984 76	7 0 7 0 0	7 0 9 85	000 54	0 18 05	98 00 0	997 62	0 0 9 0 0	- - - 66	+ 4	+ 10	0.6	0 4	9.7	7
	Turbat	000 68	0 20 05	97 00 1	077 99	0 0 9 0 0	- - - 01	000 73	8 20 02	96 03 0	127 80	8 9 7 0 0	9 0 0 xx	—	—	0		1 4	-
	Panjgur *	000 29	0 31 02	97 00 9	955 94	0 0 9 0 0	- - - 96	000 42	0 06 02	97 00 0	976 70	0 0 9 0 0	- - - 66	+ 1	+ 9	0		2 2	5
	Las Bela	000 71	0 16 03	99 00 0	055 97	0 0 9 9 0	- - - 00	000 77	0 00 00	xx xx x	091 80	0 0 9 0 0	- - - 73	—	—	1.6		1.7	8
	Ormara	000 78	1 20 00	97 01 0	075 86	1 5 6 0 0	- - - 88	000 79	6 25 05	97 00 0	097 81	0 0 9 0 0	- - - 76	-	-	0.3	0 5	3 1	6
	Pasni	000 73	0 11 07	98 00 0	077 56	0 0 9 0 0	- - - 80	000 73	0 31 03	96 00 0	102 80	0 0 9 0 0	- - - 75	1	+ 8	0.0	0 1	4 9	6
	Jiwani																		4
SIND	Bet	000 77	0 27 05	96 00 0	060 02	0 0 9 0 0	- - - 08	000 68	0 23 02	96 00 0	095 79	0 0 0 0 0	- - - 79	—	—	1.7	—	2 3	
	Jacobabad	000 57	0 18 07	97 00 0	065 97	0 0 9 0 0	- - - 99	000 57	0 02 03	97 00 0	094 79	0 0 0 0 0	- - 74	3	- 1	0.3	2 0	0.7	4
	Sukkur	000 71	0 xx xx	96 00 0	084 97	0 0 9 0 0	- - - 99	000 70	0 xx xx	96 00 0	088 76	0 0 9 0 0	- - - 75	—	—	0.5	—	1 0	4
	Pad Idan	000 82	0 13 18	95 00 0	071 97	0 0 9 0 0	- - - 98	000 73	0 13 06	98 00 0	087 77	0 0 9 0 0	- - - 69	—	—	0.8		0.9	
	Karachi (Manora)	000 77	2 25 00	98 01 1	084 84	2 1 5 0 0	- - - 87	000 78	0 25 05	98 00 8	100 80	0 0 9 0 0	- - - 78	+ 2	+ 2	1 3	4 5	1 6	4
	Karachi (A. P.)	000 75	2 29 05	96 01 1	087 85	2 1 9 0 0	- - - 80	000 75	1 27 03	96 03 1	099 79	1 6 4 0 0	- - - 75	—	—	2.9		3.0	
	Badin	000 66	0 18 02	97 00 0	088 92	0 0 9 0 0	- - - 94	000 73	0 23 05	97 00 0	101 79	0 0 9 0 0	- - - 73	- 1	- 2	7.0	0.2	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 75	0 23 07	97 00 0	069 92	0 0 9 0 0	- - - 00	000 78	0 23 05	97 00 0	097 83	0 0 9 0 0	- - - 72	—	—	2.1	-	2.1	
	Hyderabad	000 64	0 23 07	97 00 0	070 92	0 0 9 0 0	- - - 95	000 78	0 27 03	97 00 0	104 77	0 0 9 0 0	- - 74	- 3	- 1	1.8	4 2	2.0	7
JUNAGADH	Veraval																		37
AFGHANISTAN	Kabul	000 31	1 30 05	98 01 0	038 88	0 0 9 6 0	- - x 98	000 47	1 25 05	97 01 0	011 88	1 2 8 0 0	- - - 55	—	—	0.7	—	10 8	12
	Jalalabad	000 64	5 09 02	96 03 1	989 95	5 5 6 8 0	4 x 9 00	000 62	8 00 00	96 03 1	995 82	0 6 2 4 0	4 x 9 79	—	—	0.8	—	4 9	-
	Kandahar	000 53	0 00 00	98 00 0	990 66	0 0 9 0 0	- - - 99	000 51	0 00 00	97 00 0	040 60	0 0 9 0 0	- - - 54	—	—	0	—	10.5	-

See footnote on page 2

P. T. O.

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 23RD SEPTEMBER, 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 $T_g T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_R D_M T_x T_n$	RRR $T_g T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_R D_M T_x T_n$	T_x T_x	T_n T_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
Iran:	Charbar																		4
	Jask																		1
	Mashed																		10
	Bushire																		11
Arabia	Muscat	000 78	0 09 02	97 00 0	064 86	0 0 0 0 0	- - - 86	000 81	1 00 00	97 00 0	009 86	8 0 0 8 0	- - × xx	- 2	—	2	0.1	2.2	4
	Sharjah																		4
	Kuwait	000 xx	0 09 02	97 00 0	064 00	0 0 0 0 0	- - - 00	000 xx	0 27 09	97 00 0	155 87	8 9 9 0 0	- - 81	—	—	0	—	1.3	3

* Barometer readings reduced to 1 geodynamic Kilometre 2,286-2,886 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 (10,048-10, 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.

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 $N_s Ch_s h_s$	0 $T_s T_s T_d T_d$	$td_w d_w P_w H_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Windsor	78 144	789 00	8 20 05	98 05 0	019 78	00 9 00	4 5 306	—	0 61 77	1 32 x0
Brest	73 094	635 00	8 31 12	80 18 0	0x0 77	88 × 22	2 4 337	—	0 00 xx	—
Shwedagon	78 192	726 00	0 33 10	88 02 0	128 xx	00 0 00	—	—	—	—
City of Bristal	73 096	702 00	8 00 00	81 02 1	102 87	32 5 01	8 5 302	—	0 05 69	1 03 xx
City of Windsor	78 122	744 00	0 34 05	98 01 0	000 61	11 5 00	4 5 118	—	0 00 75	1 30 20
Barindrecht	73 181	660 18	4 00 00	98 02 0	100 84	42 8 01	7 4 708	—	—	1 22 80
Triesland	70 105	641 86	7 36 09	98 16 1	123 82	65 4 40	—	—	0 50 75	1 49 xx
Karanja	78 138	884 12	6 27 09	99 02 1	098 83	62 5 00	1 6 326	—	0 01 74	1 27 23
City of Windsor	78 122	780 12	0 34 02	98 01 0	108 81	15 6 00	4 5 305	—	0 00 78	1 30 xx
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—	iiiGG	$P_0P_0P_0T_0T_0$	$T_{d0}T_{d0}T_{x0}X_1X_2$	$P_1P_2h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.	5555	$h_2h_2P_2P_2P_2$	$T_2T_2T_{d2}T_{d2}T_{x2}$ etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	780 14	006 27	845 80	000 26	262 47	854 91	181 02	700 84	145 51	509 89

STATION	TEMP	CODE :—	iiiGG	$P_0P_0P_0T_0T_0$	$T_{d0}T_{d0}T_{x0}X_1X_2$	$P_1P_2h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.	5555	$h_2h_2P_2P_2P_2$	$T_2T_2T_{d2}T_{d2}T_{x2}$ etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	539 94	901 99	829 94	554 58	539 00	201 00	858 35	170 74	000 00	185 05

STATION	TEMP	CODE :—	iiiGG	$P_0P_0P_0T_0T_0$	$T_{d0}T_{d0}T_{x0}X_1X_2$	$P_1P_2h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ etc.	5555	$h_2h_2P_2P_2P_2$	$T_2T_2T_{d2}T_{d2}T_{x2}$ etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	446 00	066 87	905 25	000 00	814 01					

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 ††										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
Nagpur	02 08	85 02	85 05	18 02							81 03	05 08	81 04	00 03	—	—	81 15	80 04	01 02	09 05	04 04	08 06	07 13	03 20
Ohio	21 11	19 13	19 17	16 19	14 15	15 20	15 19	19 16	19 16	28 15							23 13	21 11	13 15	17 17	16 19	23 04	15 05	20 10
Chittagong	12 05	35 03	86 04	21 05	19 08	20 06	20 12	28 13	—	—	03 04	05 09	61 05	58 03	27 04	—	11 05	09 05	09 04	15 07	17 01	24 02	07 06	04 18
Gol's Bazar	10 06	19 06	17 08	16 09	13 11	—	—	—	—	—	05 03	04 03	89 01	27 03	00 01	15 04	15 02	14 02	06 08	07 07	08 03	27 05	15 07	—
Bacca	33 03	34 03	35 05	01 05	24 05	06 05	04 11	—	—	—	19 02	21 01	29 02	35 03	34 05	—	35 03	35 02	34 03	07 04	07 06	04 07	05 20	08 21
Jalsandir	—	—	23 01	21 10	24 07	18 06	21 10	21 15	22 24	—	—	—	88 01	83 05	27 03	—	—	—	20 08	20 12	21 05	05 05	26 16	27 10
Dorsi	—	—	—	—	22 12	20 09	19 07	—	—	—	—	—	—	09 01	20 03	20 05	—	—	—	—	22 01	22 04	21 07	01 09
Port Sindeman	—	—	33 03	30 02	20 09	21 01	18 08	26 25	—	—	—	—	—	19 05	16 04	03 11	—	—	—	21 03	21 05	22 15	21 15	27 11
Jacobabad	19 08	19 08	20 09	20 14	15 06	15 07	12 05	20 20	22 21	24 29	20 18	19 11	21 09	20 05	15 02	01 11	20 17	19 09	18 09	19 04	20 00	27 16	03 18	30 10
Sneiar	23 04	20 07	18 06	14 02	26 06	25 07	27 19	27 28	—	—	24 15	26 12	32 05	29 07	30 07	35 06	21 05	11 02	15 08	24 07	18 10	30 18	31 18	—
Fyzan:																								
Karachi	21 17	21 03	21 09	19 05	18 04	—	—	—	—	—	27 09	27 08	26 04	17 18	14 18	—	26 05	25 07	20 02	15 05	14 11	19 12	18 27	27 02
Khanpur	22 12	21 18	22 15	21 10	27 16	21 09	19 10	—	—	—	25 15	24 18	21 12	22 08	20 05	18 18	24 05	24 05	19 00	20 10	18 00	—	—	32 15
Lahore	26 06	21 04	22 04	23 04	25 05	23 11	20 19	20 29	25 30	28 29	23 10	25 14	26 11	23 06	01 05	01 00	23 05	23 05	23 05	24 04	19 04	04 02	21 10	—
Multan	22 07	22 13	20 15								22 23	23 20	17 06	14 13	26 08		23 17	23 20	24 10	23 13	18 14	15 19	04 04	—
Peshawar	—	09 07	16 04	16 01	19 17	26 07	25 08	24 18	26 20	26 25	—	24 19	25 07	19 06	20 07	22 17	—	—	23 04	01 01	17 06	21 19	25 10	—
Quetta					32 04	25 07	15 11	16 17	18 25	28 28	—	—	—	—	19 24	26 24	—	—	—	—	—	20 05	21 13	27 15
Bushire																								—
Shariar																								—

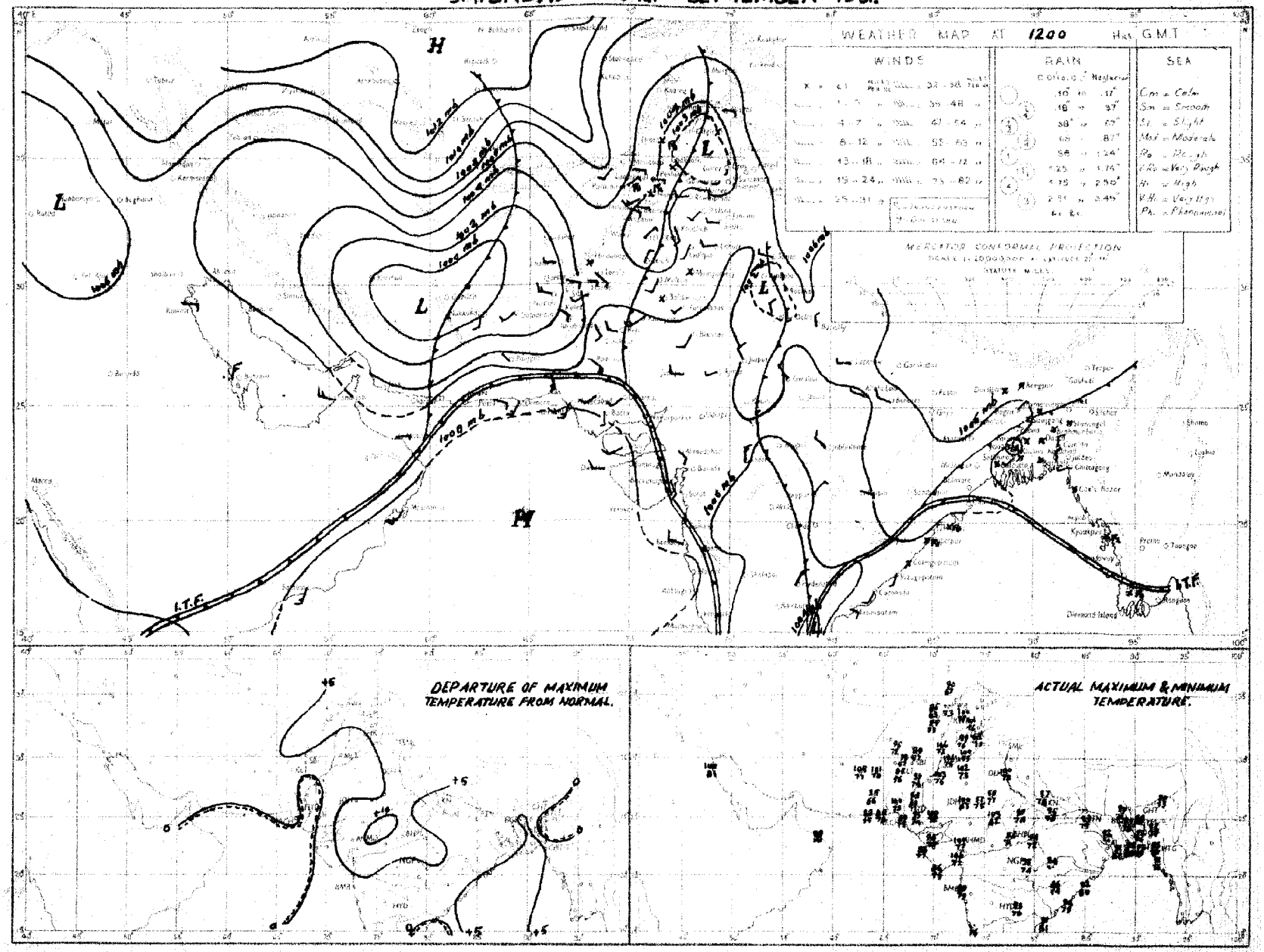
Cloud Observation Data (iiiGG Cddv. v.)

* 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 wind relate are 0.5, 0.9, 1.5, 1.8, 2.1, 2.5 & 2.9 G.P. T.s. and 3.0 km. The levels given at the head of the columns are the nearest equivalent levels in hectometres.

N. P. W.

PAKISTAN DAILY WEATHER MAP

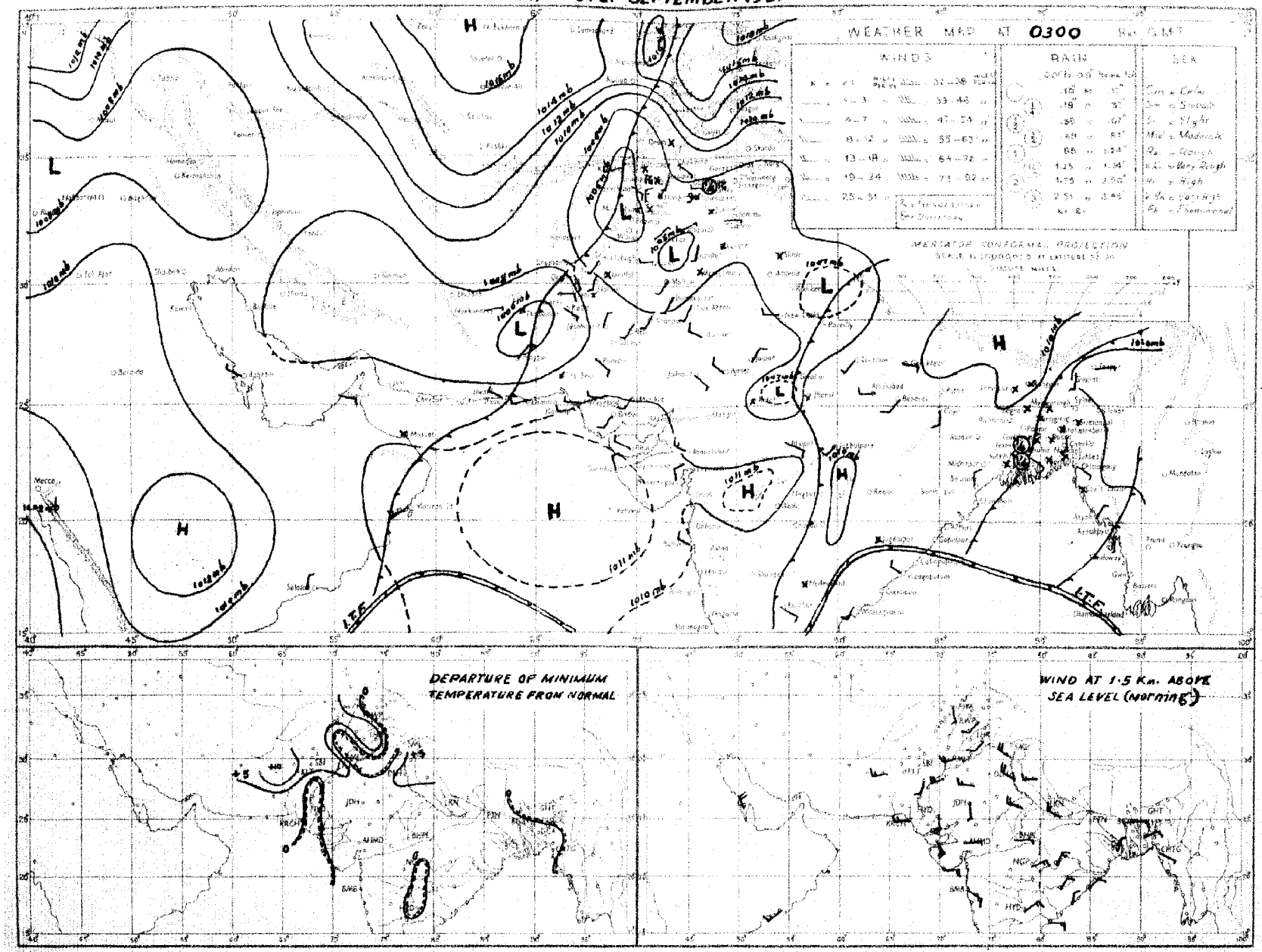
SATURDAY 22nd. SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 23rd: SEPTEMBER 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 24TH SEPTEMBER, 1951

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

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

Yesterday's low pressure wave is moving away eastwards across Kashmir and the adjoining north Punjab.

A belt of low pressure extends from the south Punjab through Baluchistan to south Iran.

Local thunderstorms/showers have occurred in the North-West Frontier Province and the north Punjab.

Day temperatures were appreciably above normal in the plains of north Punjab, north Baluchistan and the southern districts of East Pakistan.

Forecast valid until the evening of 25th :—Thunderstorms/showers will be local in Kashmir and scattered in the extreme north Punjab and upper North West Frontier Province. Morning Mist/fog is also likely to occur in the Deltaic and Eastern sub-divisions of East Pakistan.

Karachi-11.
The 24th September, 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	$N_hC_Lh C_MC_H$	$W_tD_LD_MT_xT_x$	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	000 76	1 00 00	95 01 1	058 85	1 1 7 0 0	- - - 92	000 78	0 00 00	97 00 9	101 87	0 0 9 0 0	5 x x 77	+ 6	+ 1	92 4	14 4	102 0	140
	Chittagong	000 76	2 24 02	95 02 5	045 85	1 3 6 7 0	5 x x 91	000 78	1 00 00	97 02 1	098 88	1 1 6 0 0	- - - 78	+ 4	+ 2	88.0	+ 12.8	117.7	108
	Noakhali	000 75	1 36 02	96 02 0	xxx 90	1 1 5 0 0	- - - 91	000 78	0 00 00	96 00 0	xxx 84	—	- - - —	+ 4	—	—		—	115
	Comilla	000 80	0 18 02	98 00 9	050 88	0 0 9 0 0	- - - 88	000 75	0 18 0[illegible]	98 00 0	101 87	0 0 9 0 0	- - - 78	0	+ 1	91.6	+ 30 8	99 0	94
	Brahmanbaria	000 78	0 00 00	97 00 0	049 89	0 0 9 0 0	- - - 92												78
	Dacca	000 90	0 00 00	98 00 1	046 86	0 0 9 [illegible] 0	- - - 92	xxx 79	4 00 00	97 03 1	098 88	4 2 6 0 0	1 x x 76	—	—	—	—		—
	Narayanganj	000 75	0 00 00	97 00 1	046 87	0 0 9 0 0	- - - 93	000 78	2 18 02	95 01 0	091 91	2 4 5 0 0	9 x x 88	+ 5	+ 4	57.0	+ 10.1	75 9	74
	Mymensingh	000 80	0 00 00	99 00 0	053 87	0 0 9 0 0	- - - 90	000 77	0 00 00	99 00 0	107 83	0 0 9 0 0	- - - 79	+ 3	+ 2	39 5	21 4	47 6	91
	Srimangal	000 75	1 00 00	95 01 1	062 84	1 2 6 0 0	- - - 91	000 75	0 09 02	96 00 1	103 85	0 0 9 0 0	- - - 79	0	+ 4	63.0	+ 5 9	90 1	99
	Khulna	000 81	2 00 00	97 02 0	056 80	2 8 3 0 2	- - - 92	000 78	2 00 00	98 00 0	103 89	2 8 6 0 0	- - - 79	+ 4	+ 2	41.2	6 0	49.7	68
	Satkhira	000 79	7 22 02	97 02 1	042 90	6 4 6 6 0	- - - 93							+ 4					65
	Jessore	000 79	2 00 00	97 02 2	055 89	2 8 6 0 0	- - - 98	000 80	0 23 02	97 00 4	098 87	0 0 9 0 0	4 x x 73	—	-	31.0	- 11.5	38 1	66
	Faridpur	000 79	1 00 00	95 01 0	041 87	1 5 7 0 0	- - - 88	000 78	3 11 02	97 03 0	100 88	1 5 7 0 0	9 x x 79	+ 1	+ 1	43.2	2 3	49.6	71
	Barisal	000 78	6 02 02	98 02 1	046 91	3 4 6 0 6	- - - 94	000 79	1 05 01	98 01 1	098 89	1 1 6 0 0	- - - 81	+ 7	+ 3	48 1	- 6 7	53 8	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 79	1 00 00	98 02 1	048 87	1 1 5 0 0	- - - 88	000 79	1 00 00	97 01 1	097 87	1 1 5 0 0	- - - 78	+ 1	0	45 9	+ 2 5	55 9	64
	Bogra	000 77	1 00 00	97 01 0	050 88	0 0 9 0 0	- - - 93	000 79	1 09 02	97 01 0	097 89	1 1 8 0 0	- - - 79	+ 5	+ 2	32 6	15 4	39 4	69
	Dinajpur	082 70	0 00 0[illegible]	97 00 0	059 89	0 0 9 0 0	- - - 93	000 77	0 00 00	97 00 0	111 87	0 0 9 0 0	- - - 78	+ 5	+ 1	41 1	12 8	45 4	71
	Rangpur	005 xx	1 00 00	98 02 1	— —	1 1 8 0 0	- - - —	000 xx	1 00 00	98 02 1	— —	1 1 8 0 0	- - - —	—	—	65 0	+ 5 8	74 3	85
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 54	0 20 04	96 00 0	020 99	0 0 9 0 0	- - - 01	000 61	5 13 04	95 05 [illegible]	073 78	0 0 9 0 3	1 0 4 74	+ 3	+ 2	6.9	3 2	10 2	12
	Lahore	000 55	0 27 02	98 00 0	027 99	0 0 9 0 0	- - 03	000 62	5 00 00	96 03 1	072 81	0 0 8 7 0	6 x 8 74	+ 5	+ 4	10.6	3 7	14 7	19
	Sialkot	000 68	2 00 00	97 03 1	011 98	2 8 6 0 0	- - - 01	000 62	6 05 04	97 02 9	060 78	4 1 6 4 0	- - - 71	+ 6	1	18.8	9.4	18 7	22
	Jhelum	000 67	1 18 02	97 01 1	014 98	1 3 7 0 1	- - - 01	000 65	5 00 00	97 02 5	078 76	1 8 8 5 0	9 x 5 71		—	16.5		25 8	—
	Rawalpindi	000 83	4 28 02	99 02 2	024 92	4 3 8 0 0	4 x x 99	000 61	5 00 00	99 02 1	079 73	5 2 7 0 0	71	+ 6	+ 4	14.9	8 3	25 7	35
	Murree †	000 65	7 29 03	96 02 9	962 68	7 9 4 0 0	4 x x 78	030 60	6 13 03	98 02 9	987 62	6 1 4 0 0	9 x x 57	+ 3	+ 3	21.9	12 9	43 5	59
	Attock	xxx xx	4 13 06	96 00 1	— —	4 x 5 0 0	- - - xx	xxx xx	0 00 00	93 00 0	— —	0 0 9 0 0	- - - xx	—		—	—	—	
	Khushab	000 59	2 16 05	96 08 1	016 02	0 0 9 0 4	- - - 04	000 62	1 07 05	99 01 1	077 83	1 0 8 1 0	- - - 75	+ 5	+ 1	3.1	- 7 0	8.0	15
	Montgomery	000 57	0 25 00	96 00 0	025 98	0 0 9 0 0	- - - 01	000 64	2 00 00	96 01 0	076 80	0 0 9 3 0	2 x 0 73	+ 2	1	2.5	4 8	6 1	10
	Leiah	000 72	2 23 02	97 00 0	014 04	0 0 9 0 0	- 05	000 64	0 31 03	96 00 0	068 7-	0 0 9 0 0	- - 75	—	—	9.9	-	6 6	8
	Multan	000 56	0 32 05	97 00 0	0[illegible]3 00	0 0 9 0 0	- - - 02	000 65	0 18 05	96 00 0	062 81	0 0 9 0 0	- - - 76	+ 4	+ 1	3 8	1 1	6 9	7
	Khanpur	000 50	0 22 05	95 06 0	086 00	0 0 9 0 0	- - - 02	000 08	0 23 02	95 05 0	078 77	0 0 9 0 0	- - - 72	+ 1	2	0.3	4 5	1.9	6
	Bahawalpur	000 68	0 23 02	97 00 0	030 97	0 0 9 0 0	- - 00	000 66	0 23 06	97 00 0	075 80	0 0 9 0 0	- - 76	+ 1	+ 4	1.9	3 3	5 0	9
	Fort Abbas	000 93	0 23 03	96 00 0	039 02	0 0 9 0 0	0 x x 04	000 60	0 23 03	96 00 0	082 86	0 0 9 0 0	0 x x xx			2.8	—	3.7	8
N. W. F. P.	Drosh *	008 45	2 26 05	98 02 9	983 73	3 9 6 0 0	4 x x 83	008 44	0 00 00	99 00 1	008 62	0 0 9 0 0	9 x x 61	—	—	1.7	—	21 9	15
	Chakdara	000 70	4 36 02	99 03 1	028 87	4 5 6 0 0	2 x x 93	000 57	0 18 02	98 00 0	091 73	0 0 9 0 0	- 66			6.5	—	16.8	—
	Cherat *	000 45	8 16 05	97 01 8	958 77	0 0 9 7 0	2 x 0 87	000 54	0 18 05	97 00 1	986 70	0 0 9 0 0	2 x x 67	+ 3	+ 8	6 0	5 9	28 0	29
	Peshawar	000 63	5 18 07	96 01 9	027 87	5 9 6 2 0	4 x x 93	000 63	0 00 00	96 00 0	088 76	0 0 9 0 0	- - 70	— 1	+ 1	1.3	3 0	8 6	14
	Parachinar																		29
	Miranshah	000 59	3 11 05	96 23 1	966 91	0 0 9 4 5	- - - 94	000 55	0 09 00	98 28 4	872 78	0 0 9 0 0	- - - 74	—	—	3.6	- 1 1	10 5	18
	Bannu	000 65	4 11 03	99 03 0	003 95	0 0 9 8 0	- - - 98	000 61	0 07 02	99 00 0	068 75	0 0 9 0 0	- - - 76	—		0.9		5 8	11
	D. I. Khan	000 65	0 05 02	96 00 0	012 94	0 0 9 0 0	- - - 95	000 65	0 05 06	96 00 0	081 78	0 0 9 0 0	- - - 75	4	+ 2	1.1	4 3	2.9	9
	Wana																		11
	Landikotal	000 58	8 13 02	93 02 1	940 84	3 0 8 7 0	86	000 59	0 00 00	99 00 1	973 77	0 0 9 0 0	- - 65		—	2.4	—	12.0	-
	Hangu	xxx xx	6 00 00	97 03 8	— —	0 0 9 2 0	3 x 0 —	xxx xx	2 00 00	97 01 1	— —	0 0 9 0 2	9 0 x xx	—	—		—	—	-
	Thall	xxx xx	3 18 03	97 03 1	— —	3 8 7 1 0	—	xxx xx	0 00 00	99 00 0	— —	0 0 9 0 0	- - - xx	—	—	—	—	—	-
BALUCHISTAN	Fort Sandeman	000 35	0 00 00	97 01 1	923 92	2 7 6 4 -	4 x x 95	000 51	0 00 00	95 05 0	976 72	0 0 9 0 0	- - - 69	+ 3	+ 6	4.1	- 0.9	10 0	11
	Hindubagh	000 29	2 23 00	98 01 1	962 89	2 2 6 0 0	7 x x 93	000 44	0 23 05	97 00 0	957 78	0 0 9 0 0	- - - 60		—	0.2	—	8.5	-
	Loralai	000 66	0 23 05	96 00 0	968 87	0 0 9 0 0	88	000 49	0 23 05	96 00 0	969 47	0 0 9 0 0	- - - 56	—	—	1.7	—	6 1	-
	Harnai (a)	000 xx	2 31 02	98 01 1	— —	0 0 9 0 5	2 6 x —	000 xx	0 27 03	98 00 0	— —	0 0 9 0 0	- - - xx		—	2.0	—	10.6	14
	Sibi	000 54	2 23 05	99 01 1	038 01	0 0 9 0 1	3 x x 01	000 68	0 00 00	99 00 0	087 88	0 0 9 0 0	- - - 78	—	—	2.2	—	3.6	5
	Quetta †	000 50	4 29 07	93 03 1	963 87	0 0 9 3 0	4 x 0 88	000 45	0 00 00	99 00 0	961 61	0 0 9 0 0	- - - 50	—	—	0.8	- 0.2	0.3	9
	Chaman	000 07	0 27 03	97 00 0	936 93	0 0 9 0 0	- 94	000 58	0 13 03	97 00 0	971 74	0 0 9 0 0	- - - 68	+ 5	+ 7	0	0.2	9.6	8
	Nushki	000 39	0 05 01	97 00 0	010 99	0 0 9 0 0	- 01	000 42	0 09 03	96 00 0	027 83	0 0 9 0 0	- - - 78		—	0	—	5.4	
	Dalbandin *	000 57	5 00 00	96 03 0	947 00	5 1 7 0 0	- 03	000 39	0 00 00	96 00 0	958 75	0 0 9 0 0	- - - 67	+ 5	+ 9	0	0.3	1.8	4
	Nokkundi	000 79	4 21 05	99 03 1	002 38	0 0 9 0 6	7 0 x 06	000 64	0 29 02	99 00 0	050 84	0 0 9 0 0	- - - 77	—	—	0	—	0.9	2
	Kalat †	000 57	4 05 05	98 03 1	975 88	0 0 9 6 0	6 0 4 85	000 64	0 18 05	98 00 0	992 42	0 0 9 0 0	- - - 58	+ 4	+ 7	0.8	0.4	9.7	7
	Turbat	000 71	0 20 07	97 00 1	032 97	0 0 9 0 0	98	000 72	6 00 00	94 03 2	089 82	8 9 7 0 0	- - - 82	—	—	0		1 4	-
	Panjgur *	000 41	0 05 02	97 00 0	943 95	0 0 9 0 0	- - - 96	000 64	0 05 02	97 00 0	078 72	0 0 9 0 0	- - - 67	+ 4	+ 4	0	—	3.2	5
	Las Bela	000 70	0 16 06	99 00 0	045 95	0 0 9 0 0	- - - 99							—					8
	Ormara	000 80	0 25 09	97 00 0	062 87	0 0 9 0 0	- - - 66	000 78	6 47 02	97 03 0	090 81	6 5 6 0 0	- - - 79		—	0.8	0 5	8 1	6
	Pasni	000 72	0 23 09	98 00 0	062 87	0 0 9 0 0	- - - 89	000 76	6 00 00	96 03 2	090 78	6 5 5 0 0	3 x x 76	1	+ 4	0.8	0 1	4.9	6
	Jiwani																		4
SIND	Rohri	000 76	0 27 07	96 00 0	050 02	0 0 9 0 0	- - - 04	000 68	0 18 05	96 00 0	071 79	0 0 9 0 0	- - - 70	—		1.7	—	2.2	
	Jacobabad	000 65	0 13 03	97 00 0	045 95	0 0 9 0 0	- - - 00	000 63	0 13 03	96 00 0	072 79	0 0 9 0 0	- - - 74	- 2	- 1	0.2	- 2 0	0.7	4
	Sukkur	000 55	0 xx xx	96 00 0	042 97	0 0 9 0 0	- - - 00	000 69	0 xx xx	96 00 0	079 77	0 0 9 0 0	- - - 78			0.5	—	1.0	4
	Pad Idan	000 83	0 13 09	93 00 0	051 98	0 0 9 0 0	- - - 99	000 70	0 13 05	98 00 0	063 74	0 0 9 0 0	- - - 69	—		0.8	—	0.9	
	Karachi (Manora)	000 74	0 25 09	98 00 0	071 84	0 0 9 0 0	- - - 84	000 75	4 27 05	97 01 1	088 81	4 8 4 0 0	- - - 79	+ 1	+ 3	1.5	- 4 5	1 4	7
	Karachi (A. P.)	000 73	1 28 07	97 01 1	078 86	1 1 4 0 0	- - - 87	000 74	2 27 03	96 01 1	091 79	2 6 5 0 0	- - - 76		—	2.0	—	3.0	
	Badin	000 64	0 18 05	97 00 0	088 96	0 0 9 0 0	- - - 97	000 75	0 23 05	97 00 0	098 78	0 0 9 0 0	- - - 74	+ 2	- 1	7.0	- 0.2	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 75	0 27 04	97 00 0	061 97	0 0 9 0 0	- - - 01	000 78	0 23 08	97 00 0	086 79	0 0 9 0 0	- - - 72	—	—	2.1	—	2.1	
	Hyderabad	000 65	0 20 08	97 00 0	067 95	0 0 9 0 0	- - - 97	000 77	0 23 07	97 00 0	078 77	0 0 9 0 0	- - - 73	- 1	- 2	1.8	- 4.2	2.0	7
JUNAGADH	Veraval																		26
AFGHANISTAN	Kabul	000 47	1 34 03	98 01 9	034 77	1 8 8 4 0	7 0 0 81	000 41	0 00 00	98 00 0	002 60	0 0 9 0 0	- - - 53	—	—	6.7	—	10 5	13
	Jalalabad	000 76	5 09 02	96 02 1	080 94	0 0 9 0 4	8 x 9 94	000 59	0 30 00	96 00 1	996 75	0 0 9 0 0	9 x x 67	—	—	9.5	—	6 9	-
	Kandahar	000 49	0 23 05	98 00 0	907 91	0 0 9 0 0	- - - 99	000 45	0 00 00	97 00 0	940 61	0 0 9 0 0	- - - xx	—	—	0	—	10.4	-

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR MONDAY, THE 24TH SEPTEMBER, 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	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_x T_x$	RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_H D_M T_n T_n$	$T_x - T_x$	$T_n - T_n$	Since 1st June '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	Charba:																		
	Jask																		
	Maanej																		
	Bushire																		
Arabia	Muscat	000 79	0 00 00	97 00 0	057 85	0 0 0 0 0	- - - 88	000 81	0 00 00	97 00 0	064 85	0 0 0 0 0	- - - 78	- 5	- 5	0	- 0.1	3.5	
	Shariab	000 xx	0 00 00	97 00 0	074 01	0 0 0 0 0	- - - 02	000 xx	0 20 13	97 00 0	100 87	0 0 0 0 0	- - - 85	—	—	0	—	1.5	
	Kuwait																		

* Barometer readings reduced to 1 geodynamic Kilometre (3,250-3,256 feet according to latitude..
† Barometer readings reduced to 2 geodynamic Kilometre (6,499-6,512 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 888 is given for RRR see the summary on page 1 for the actual amount of rainfall.

Wireless Reports from Ships

SHIP	YQ $L_a L_a L_a$	$I_o I_o I_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s C h_s h_s$	Ö $T_s T_s T_d T_d$	$1 d_w d_w P_w H_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Windsor	18 100	759 00	8 02 02	98 16 0	090 79	62 6 00	4 4 810	—	0 88 76	1 02 xx
Barendrecht	13 211	102 06	8 20 04	96 02 0	116 81	22 6,00	7 4 212	—	8 82 72	1 10 31
Daressa	13 243	832 06	2 22 05	98 02 1	113 81	24 4 00	8 5 107	—	0 51 74	—
Brest	13 086	685 00	8 04 10	96 18 0	095 79	67 - 97	2 4 825	—	0 15 xx	1 04 32
Daressa	13 240	815 12	1 18 18	98 02 0	066 82	11 6 00	8 5 840	—	—	—
Barendrecht	13 219	829 12	3 27 05	98 02 0	076 82	32 6 00	7 4 721	—	0 80 78	1 27 31
City of Windsor	13 078	775 18	2 18 09	98 01 1	085 82	22 6 00	2 4 800	—	0 00 78	1 28 18
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	005 27	942 60	000 22	262 35	854 83	225 01	700 33	135 68	509 35	529 97	855 55	269 23	221 47	339 00	321 34	878 55	280 86	668 00	195 47	665 38	074 76	539 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 †										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	4	5	6	8	10	20	30	1	2	3	4	7	10	1	2	3	4	7	10	18	24
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	13	18	23-	31	32	33	34	35
Bogra	29 08	31 04	31 02	24 04	10 04						15 04	24 05	30 05	29 07	11 03	12 04	17 02	15 03	11 01	04 29	00 05	16 07	12 03	
Dhaka	22 09	21 09	20 18	19 19	19 15	23 04	08 07	24 10	28 11	26 16							25 29	23 31	20 31	19 15	19 15	24 05	05 17	02 03
Chittagong	28 07	28 08	27 06	24 03	05 01	02 04	08 12	02 17	—	—	09 06	07 01	26 01	26 03	06 02	—								
Cox's Bazar	26 06	26 06	25 05	15 01	16 08	13 03	21 08	25 08	27 13	—	19 04	19 02	25 01	26 04	—	—	27 21	02 01	01 09	05 07	04 09	07 14	06 13	07 29
Dacca	27 05	30 03	30 04	24 05	24 04	02 03	05 11	05 16	04 21	—	17 04	18 04	25 04	23 02	25 05	24 15	14 03	16 02	02 02	19 05	14 05	11 07	—	—
Dalbandin	—	—	28 02	22 08	23 09	05 09	06 02	28 15	27 14	26 21	—	—	07 02	04 00	26 11	06 02	—		02 01	25 06	26 07	16 11	28 07	26 29
Drosh		—			01 06	24 04	24 07	24 25	27 21	—			—	20 02	04 03	01 07	—			01 04	06 06	25 13	21 15
Fort Sandeman	—	—	—	30 06	31 04	25 11	28 17	—	—	—	—	—	—	03 09	26 05	28 04	—	—	06 05	16 06	20 17	25 03	29 19	
Jacobabad	20 07	20 06	29 04	14 09	15 09	04 13	04 08	26 16	22 13	—	20 24	20 18	26 03	24 05	22 02	24 16	20 02	22 02	25 04	13 07	22 07	26 12	02 02	25 09
Jhelum	25 03	20 03	19 05	09 04	30 05	27 07	29 17	28 26	—	—	29 04	11 06	11 07	25 06	26 05	30 05	02 05	14 06	15 16	10 09	25 09	27 06	29 26	—
Kiwam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	22 12	21 11	24 06	21 09	17 28	08 13	15 06	27 03	24 06	25 10	25 18	25 16	25 17	19 15	15 08	04 12	25 16	29 17	—	—	—	—	—	—
Khanpur	25 06	25 14	23 15	21 11	21 16	—	—	—	—	—	25 15	24 18	25 20	21 13	07 07	03 10	28 26	23 25	22 24	22 21	18 18	09 07	18 06	—
Lahore	17 03	18 04	20 06	23 03	30 05	22 13	25 09	26 25	—	—	24 12	24 25	25 08	27 11	26 05	03 04	14 07	17 09	17 03	25 13	24 18	24 22	—	—
Multan	25 21	25 27	—	—	—	—	—	—	—	—	25 27	25 29	22 20	21 13	21 06	22 04	28 28	29 25	25 25	27 16	25 25	27 18	1	—
Peshawar	—	08 04	30 04	24 08	31 05	22 18	—	—	—	—	—	07 02	27 02	15 10	24 08	24 17	—	31 02	21 01	30 02	25 09	29 01	27 03	27 04
Quetta					27 04	22 09	27 12	—	—	—	—	—	—	—	25 03	25 10	—	—	—	—	26 06	22 10	22 13	26 05
Bushire						—									—						—			
Shariat																								

Cloud Observation Data (iiiGG Cddv, v,)

Jhelum 58648 48616

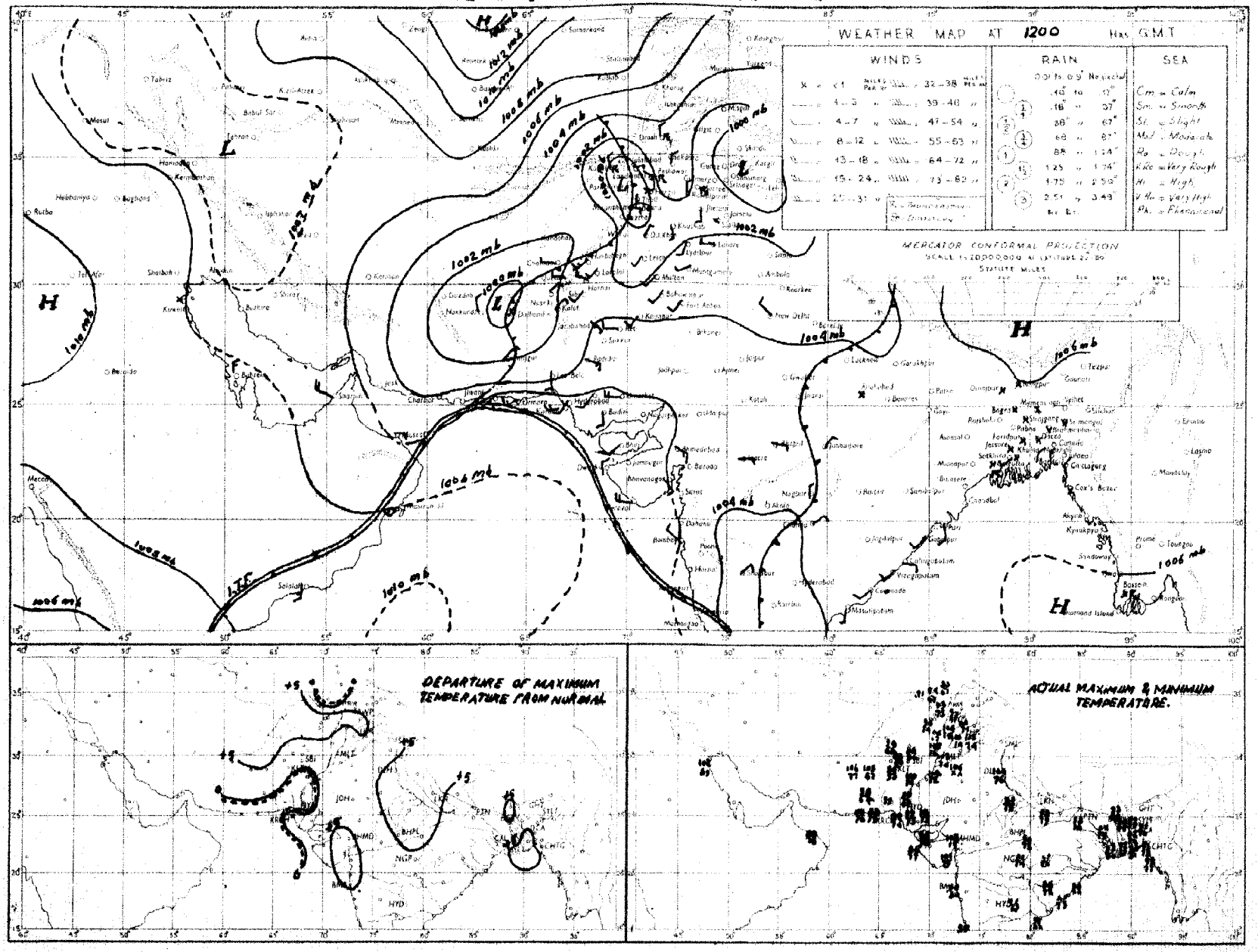
Lahore 64602 42288

* 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 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.

F. P. W.

PAKISTAN DAILY WEATHER MAP

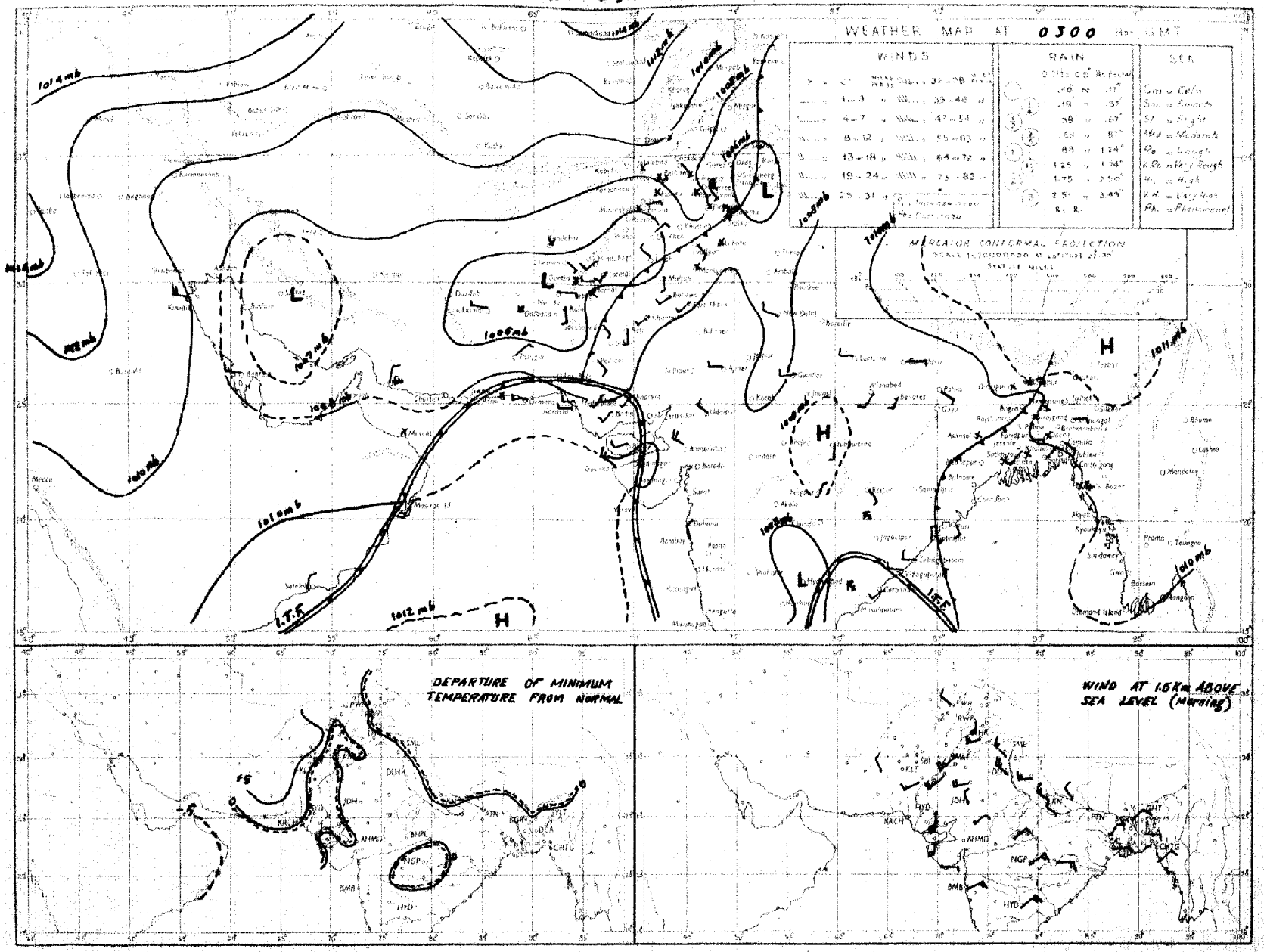
SUNDAY 23rd. SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 24th SEPTEMBER 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 25TH SEPTEMBER, 1951

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

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

A low lies over Persian Gulf.

Scattered thunderstorms have occurred in the upper North-West Frontier Province.

Day temperatures were appreciably above normal in north Baluchistan and the southern districts of East Pakistan.

Forecast valid until the evening of 26th :—Scattered thunderstorms are likely to occur in East Pakistan.

Karachi-11,
The 25th September, 1951.

OBSERVATIONS

MOHAMMAD SHABBAR,
for Director, Meteorological Service.

Division	Station	At 1200 Hrs. G. M. T. of previous day: RRRTdTd	NddFF	VVwwW	PPPTT	$N_hC_Lh C_MC_H$	$W_tD_LD_MT_xT_x$	At 0300 Hrs. G. M. T. of date: RRRTdTd	NddFF	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 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
EAST PAKISTAN	Cox's Bazar	000 75	1 00 00	95 01 1	064 87	1 1 7 0 0	- - - 92	000 79	0 00 00	97 01 1	114 90	0 0 9 0 0	- - - 76	+ 5	0	92 4	- 14 9	102 0	140
	Chittagong	000 77	1 29 02	94 02 1	052 86	1 2 7 0 0	- - - 92	000 80	8 00 00	96 08 1	108 98	8 5 5 0 0	- - - 80	+ 5	+ 4	88.0	+ 12.3	117.7	108
	Noakhali	000 77	0 00 00	95 10 0	xxx 88	0 0 9 0 0	- - - xx	000 77	1 00 00	96 09 1	xxx 86	1 1 5 0 0	- - - 80	+ 4	—			—	115
	Comilla	000 78	0 31 02	98 00 0	050 89	0 0 9 0 0	- - - 89	000 77	1 13 02	98 00 0	111 86	0 0 9 0 1	- - - 77	+ 1	0	91 6	+ 20.9	99 0	94
	Brahmanbaria	000 75	1 00 00	97 00 0	060 90	0 0 9 0 0	- - - 92	000 79	2 00 00	97 03 1	110 89	2 4 5 0 0	- 79	—	—	48.0	+ 1.2	57.9	78
	Dacca	000 78	0 00 00	98 00 1	057 87	0 0 9 0 0	- - 93	000 80	1 00 00	97 03 1	111 87	1 8 8 0 0	9 x x 77	--		—			—
	Narayanganj	000 75	1 16 02	98 00 0	048 89	0 0 9 0 1	9 0 x 93	000 78	5 00 00	95 03 0	108 87	5 4 5 0 0	9 x x 80	+ 5	+ 1	57 0	+ 9.8	75.0	74
	Mymensingh	000 77	0 00 00	99 00 0	061 86	0 0 9 0 0	- - - 89	000 78	0 00 00	99 00 0	121 84	0 0 9 0 0	- - - 80	+ 2	+ 3	39 5	21 5	47 6	91
	Srimangal	000 79	1 00 00	98 01 1	049 85	0 0 9 0 1	- - - 92	000 75	1 00 00	97 02 1	116 85	1 2 6 0 0	- - - 74	+ 1	1	63.0	+ 5.6	90 1	98
	Khulna	000 78	1 00 00	97 00 0	059 88	1 8 3 0 0	- - - 92	000 80	4 23 02	98 01 0	119 90	4 8 8 0 0	- - - 80	+ 4	+ 3	41.2	6 3	49.7	68
	Satkhira	000 85	4 00 00	97 03 1	059 89	3 4 7 6 0	- - - 94	000 80	5 31 02	97 03 1	121 85	4 4 6 6 0	- - - 80	+ 5	+ 3	28 7	16 0	37.5	55
	Jessore	000 79	2 18 02	97 02 1	067 89	2 8 9 0 0	- 98	000 80	3 00 00	97 01 1	109 88	3 6 6 0 0	- - - 78	—		31.0	11.8	38.1	60
	Faridpur	000 79	1 09 02	96 01 0	060 88	1 5 7 0 0	9 x x 59	000 79	2 16 02	97 03 0	112 89	2 5 7 0 0	9 x x 89	+ 2	+ 2	43.2	2 6	49.6	71
	Barisal	000 78	1 00 00	97 01 1	058 89	1 1 7 0 6	93	000 79	1 33 02	98 01 1	112 87	1 6 5 5 0	- - - 81	+ 6	+ 3	48 1	7 0	58 5	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 77	1 00 00	98 02 1	048 83	1 1 6 0 0	- - - 88	000 77	0 00 00	99 00 0	103 87	0 0 9 0 0	- - - 78	+ 1	0	45 9	+ 2 2	55 9	64
	Bogra							000 73	1 23 02	96 01 0	110 86	1 1 8 0 0	- - - 77		0	32 6	15 x	39.4	69
	Dinajpur	000 78	6 00 00	97 01 0	071 88	0 0 9 2 0	- - - 94	000 77	0 00 00	97 00 0	107 88	0 0 9 0 0	- - - 77	+ 6	0	41 1	13 3	45 4	72
	Rangpur	000 xx	6 09 02	99 02 1	— —	6 5 7 0 0	- - - —	000 xx	1 00 00	98 02 1	— —	1 1 8 0 0	- - - —	—	—	65 0	5 3	74 3	86
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg †*																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 60	4 16 04	95 01 0	037 95	0 0 9 4 0	0 0 2 07	000 63	0 13 02	98 00 5	090 80	0 0 9 0 0	9 x x 74	1	+ 2	5.0	2 2	10 2	13
	Lahore	000 65	0 00 00	98 00 1	049 96	0 0 9 0 0	9 x x 01	000 65	0 13 02	96 02 1	093 86	0 0 9 0 0	9 x 9 78	+ 3	+ 3	10.6	2 8	14 7	19
	Sialkot	000 60	4 00 02	97 01 1	055 92	1 4 6 4 2	- - - 98	000 61	2 05 02	97 02 1	095 84	2 0 8 0 4	- - 78	2	1	13.8	9.5	16.7	32
	Jhelum	000 56	2 16 03	97 01 1	048 94	1 1 7 8 6	- - - 96	000 61	0 31 02	97 00 0	097 81	0 0 9 0 0	- - - 69		—	16 5		25 8	
	Rawalpindi	000 59	4 18 03	x xx x	055 90	4 5 6 0 0	- - - 93	000 64	0 36 02	97 00 1	103 78	0 0 9 0 0	- - - 70	0	+ 3	14 9	8 3	25 7	36
	Murree †	000 49	6 16 03	96 02 1	976 67	4 3 3 6 0	9 x 7 73	000 41	0 00 00	99 09 1	940 65	0 0 9 0 0	9 x x 56	+ 3	+ 2	21.9	13 0	43 5	59
	Attock	xxx xx	0 13 02	93 00 0	— —	0 0 9 0 0	- - - —	xxx xx	0 05 02	98 00 0	— —	0 0 9 0 0	- - - —	—		—		—	
	Khushab	000 64	0 11 05	97 00 0	038 97	0 0 9 0 0	- - - 99	000 64	0 09 05	99 00 0	001 84	0 0 9 0 0	- - - 75	3	+ 1	3.1	- 7.0	8.0	15
	Montgomery	000 59	0 00 00	98 00 0	032 97	0 0 9 0 0	- - - 99	000 63	0 00 00	97 00 0	098 84	0 0 9 0 0	- - - 73	0	1	2.5	4 8	6.1	10
	Leiah	000 74	0 31 02	96 00 0	082 98	0 0 9 0 0	- - 98	000 68	0 05 02	97 00 0	067 78	0 0 9 0 0	- - - 76	—	—	0.0		6 6	8
	Multan	000 66	0 18 02	97 00 0	038 98	0 0 9 0 0	- - - 00	000 64	0 18 05	96 00 0	087 81	0 0 9 0 0	- - - 74	+ 2	- 1	3.8	1 1	6 9	7
	Khanpur	000 00	0 31 05	95 05 0	036 01	0 0 9 0 0	- - - 02	000 67	0 27 02	95 05 0	090 80	0 0 9 0 0	- - - 71	+ 1	3	0.3	4.5	1.9	6
	Bahawalpur	000 64	0 23 02	97 00 0	086 97	0 0 9 0 0	- - - 01	000 64	0 20 02	97 00 0	086 75	0 0 9 0 0	- - - 70	+ 2	2	1.9	2.3	5.0	4
	Fort Abbas	000 89	0 23 03	96 00 0	xxx 03	0 0 9 0 0	0 x x 04	000 63	4 23 03	96 03 0	081 85	0 0 9 3 0	0 x 3 xx		—	2.8	—	8.7	8
N. W. F. P.	Drosh *	003 41	1 26 03	99 01 1	993 86	1 1 7 0 0	5 x x 88	000 48	0 00 00	99 00 0	013 66	0 0 0 0 0	- - - 61	—	—	1.7		21 9	18
	Chakdara	000 61	0 36 03	99 00 0	037 69	0 0 9 0 0	- 92	000 57	0 36 03	96 00 0	102 75	0 0 9 0 0	- - - 67		—	6.5	—	18 8	
	Cherat *	000 53	6 18 07	97 00 0	965 83	0 0 9 0 0	- - - 85	000 54	0 28 02	97 00 0	999 71	0 0 9 0 0	- - - 61	+ 1	- 3	6.0	5 9	28 0	20
	Peshawar	000 60	1 05 03	95 05 1	046 91	1 1 7 0 0	- 98	000 63	0 00 00	95 00 0	098 79	0 0 9 0 0	- - - 71	+ 4	+ 2	1.3	3 0	8 6	14
	Parachinar	000 50	5 13 02	97 02 9	075 70	2 3 7 6 9	6 - 7 61	000 51	0 00 00	99 00 0	993 67	0 0 9 0 0	9 x x 58	+ 2	+ 2	9.2		26 7	29
	Miranshah	000 56	4 11 03	98 28 4	958 88	0 0 9 2 2	- - 90	000 55	0 00 00	98 28 4	893 77	0 0 9 0 0	- - 72	—	—	5.6	1 1	10 5	12
	Bannu	000 64	0 11 03	93 55 4	015 96	0 0 9 0 0	- - - xx	000 62	0 27 02	99 00 0	097 79	0 0 9 0 0	- - - 75	—	—	0.9		5 8	11
	D. I. Khan	000 69	0 36 02	95 06 0	044 95	0 0 9 0 0	- - - 95	000 62	0 05 02	96 00 0	xxx 80	0 0 9 0 0	- - - xx	4	—	1.1	4.3	2.8	9
	Wana																		
	Landikotal	000 56	0 13 03	99 00 0	958 84	0 0 9 0 0	- - - 87	000 58	0 09 00	99 05 0	989 79	0 0 9 0 0	- - - 65		—	2.4	—	12 0	13
	Kagan	xxx xx	0 00 00	97 00 1	— —	0 0 9 0 0	8 x x —	xxx xx	0 00 00	97 00 0	— —	0 0 9 0 0	- - - —	—	—		—	—	-
	Thall	xxx xx	x 18 13	99 03 1	— —	3 3 7 2 1	- —	xxx xx	0 13 09	99 00 0	— —	0 0 9 0 0	- - - —	—	—	—	—	—	-
BALUCHISTAN	Fort Sandeman	000 32	2 00 09	98 01 1	930 91	0 0 9 0 1	- - - 95	000 51	0 00 00	98 06 4	016 74	0 0 9 0 0	1 x x 67	+ 3	+ 4	4.1	- 0.9	10 0	13
	Hindubagh	000 33	0 23 12	97 00 0	947 85	0 0 9 0 0	- - - 89	000 43	0 23 05	98 00 0	958 67	0 0 9 0 0	- - - 54	—	—	0.2	—	8.5	-
	Loralai	000 67	0 00 00	96 00 0	929 86	0 0 9 0 0	- - - 89	000 50	0 00 00	96 00 0	975 66	0 0 9 0 0	- - - 55	—	—	1.7	—	8 1	-
	Barkhan (a)	000 xx	0 05 03	98 00 0	— —	0 0 9 0 0	- - - —	000 xx	0 18 02	96 00 0	— —	0 0 9 0 0	- - - —		—	2.0	- 5.3	10.5	14
	Sibi	000 49	0 23 05	99 00 0	022 03	0 0 9 0 0	- - - 08	000 64	0 00 00	98 00 0	084 79	0 0 9 0 0	- - - 76	—	—	2.2	—	3.3	5
	Quetta †	000 42	0 31 05	99 00 0	960 85	0 0 9 0 0	- - - 87	000 51	0 16 02	99 00 0	985 71	0 0 9 0 0	- - - 55		—	0.8	- 0.2	9.3	9
	Chaman	000 71	0 23 05	97 00 0	940 90	0 0 9 0 0	- - - 93	000 68	0 11 08	97 00 0	976 78	0 0 9 0 0	- - - 68	+ 4	+ 7	0	0.2	9.6	8
	Nushki	000 50	0 23 05	97 00 0	001 98	0 0 9 0 0	- - - 59	000 50	0 07 16	96 00 0	033 84	0 0 9 0 0	- - - 79			0	—	5 4	
	Dalbandin *	000 56	0 13 03	97 00 0	989 00	0 0 9 0 0	- - - 02	000 44	0 00 00	97 00 0	970 74	0 0 9 0 0	- - - 67	+ 4	+ 9	0	0.3	1.8	4
	Rokkundi	000 88	0 14 09	99 00 0	991 00	0 0 9 0 0	- - - 02	000 61	0 34 13	99 00 0	077 85	0 0 9 0 0	- - - 75	—	—	0	—	0.9	2
	Kalat †	000 54	0 36 09	98 03 0	973 81	0 0 9 0 0	- - - 84	000 58	0 13 05	98 00 0	999 61	0 0 9 0 0	- - - 53	+ 8	+ 7	0.8	0.4	9.7	7
	Turbat	000 71	0 18 05	97 00 1	xxx 96	0 0 9 0 0	- - - 00	000 73	8 16 02	95 03 0	081 80	8 9 7 0 0	3 0 0 77	—	—	0		1.4	-
	Panjgur *																		5
	Las Bela	000 75	0 16 08	99 00 0	050 98	0 0 9 7 0	- - - 89	000 76	0 00 00	99 00 0	111 82	0 0 9 0 0	- - - 79	—	—	1.6		1.7	6
	Ormara	000 81	0 25 03	97 00 0	054 85	0 0 9 0 0	- - 86	000 77	5 00 00	97 01 0	101 80	5 5 6 0 0	- - - 79			0.3	0 5	3 1	6
	Pasni	000 78	3 28 07	97 01 1	060 86	0 0 9 3 0	6 0 6 87	000 76	7 13 08	96 02 1	090 78	7 9 5 0 0	9 x x 75	3	+ 3	0	0 1	4 9	6
	Jiwani																		4
SIND	Keti	000 79	0 18 03	98 00 0	037 04	0 0 9 0 0	- - - 05	000 64	0 09 03	98 00 0	xxx 77	0 0 9 0 0	- - - 67	—		1.7	—	2.2	
	Jacobabad	000 81	0 13 07	97 00 0	012 99	0 0 9 0 0	- - - 99	000 63	0 09 02	98 00 0	089 80	0 0 9 0 0	- - - 74	3	- 1	0.2	2.0	0.7	4
	Sukkur	000 67	0 xx xx	98 00 0	032 99	0 0 9 0 0	- - - 02	000 69	0 xx xx	96 00 0	085 77	0 0 9 0 0	- - - 75			0.5	—	1.0	4
	Pad Idan	000 85	0 16 09	99 00 0	033 00	0 0 9 0 0	- - - 02	000 73	0 13 05	98 00 0	031 75	0 0 9 0 0	- - - 69	—		0.8	—	0.9	
	Karachi (Manora)	000 74	4 25 09	98 02 1	043 84	4 6 4 0 0	- - - 87	000 74	4 27 09	98 01 1	099 81	4 6 4 0 0	- - - 79	+ 2	+ 3	1.5	4 5	1 6	3
	Karachi (A. F.)	000 73	1 23 12	96 01 1	063 96	1 1 6 0 0	- - - 90	000 78	2 27 07	97 03 1	103 81	3 6 5 0 0	- - - 76		—	2.9		3.0	
	Badin	000 66	0 18 07	97 00 0	072 90	0 0 9 0 0	- - - 99	000 74	0 16 05	97 00 0	101 78	0 0 9 0 0	- - - 74	+ 4	- 1	7.0	0.2	7.0	3
	Nagarparkar																		
	Chhor (Umarkot)	000 74	0 23 05	97 00 0	052 00	0 0 9 0 0	- - - 02	000 74	0 20 05	97 00 0	058 80	0 0 9 0 0	- - - 73	—	—	2.1	—	2.1	
	Hyderabad	000 62	0 23 05	97 00 0	059 95	0 0 9 0 0	- - - 98	000 73	0 23 08	97 00 0	087 76	0 0 9 0 0	- - - 73	0	- 3	1.8	4 2	2.0	7
JUNAGADH	Veraval																		44
AFGHANISTAN	Kabul	000 38	1 02 03	98 01 0	933 82	1 8 8 0 0	- - - 84	000 44	0 20 02	97 00 0	017 54	0 0 9 0 0	- - - 52	—	—	0.7	—	10 5	12
	Jalalabad	000 60	2 09 02	96 01 0	990 93	0 0 9 2 0	4 x 9 95	000 63	0 00 00	98 00 1	098 75	0 0 9 0 0	9 x x 70	—	—	0.5	—	8 9	-
	Kandahar							000 54	0 00 00	98 00 0	903 87	0 0 9 0 0	- - - xx	—	—	0	—	10.5	

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR TUESDAY, THE 25TH SEPTEMBER, 1951

Division	STATION	At 1200 Hrs. G.M.T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_nT_x$	At 0300 Hrs. G.M.T. of date. RRR $P_0P_0T_dT_d$	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_HD_MT_nT_n$	Departure from Normal T_x T_x	T_n T_n	Rainfall Since 1st June 51 to date	Depar-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
Iran	Gharbar	..	.	.	.	.	.	-	.	.	.	.	.	.	.	.	.	.	1
	Jask	..	.	.	.	.	.	..	.	.	.	.	.	.	.	.	.	.	3
	Masnee	..	.	.	.	.	.	..	.	.	.	.	.	.	.	.	.	.	10
	Bushire	..	.	.	.	.	.	..	.	.	.	.	.	.	.	.	.	.	11
Arabia	Muscat	000 71	0 09 02	97 00 0	063 86	0 0 9 0 0	- - - 89	000 79	0 00 00	97 00 0	081 85	0 0 9 0 0	- - - xx	- 2	x	0	- 0.1	2.3	4
	Shariab	000 xx	0 24 09	96 00 0	065 80	0 0 9 0 0	- - - 98	000 xx	0 27 02	97 00 0	081 90	0 0 9 0 0	- - - 86	-	-	0	-	1.5	4
	Kuwait																		1

* Barometer readings reduced to ½ geodynamic Kilometre 2,250-2,256 feet according to latitude.
† Barometer readings reduced to ½ geodynamic Kilometre (6,699-6,718 feet according to latitude..
†† Barometer readings reduced to ½ geodynamic Kilometre (10,040-10, 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	$N_hC_LhC_MC_H$	$D_s v_s$ sss	8 $N_s C h_s h_s$	O $T_sT_wT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Karanwa	23 202	634 00	2 00 00	99 02 0	094 80	21 6 00	1 5 615	..	0 00 73	1 09 xx
Jalaratna	23 219	690 06	4 32 10	93 02 0	111 87	21 7 69	..	..	..	..
Jalaratna	23 211	696 12	2 30 10	98 01 0	070 91	11 7 70	..	..	..	..
Karanja	22 225	652 12	2 25 09	99 01 0	078 62	21 5 00	1 5 614	..	0 00 75	1 25 21
Jalaratna	23 201	702 18	4 32 12	98 02 0	085 84	21 7 76	..	..	..	..
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE:—	iiiGG	$P_0P_0P_0T_0T_0$	$T_dT_{do}T_{do}X_0X_1X_2$	$P_1P_1h_1h_1h_1$	$T_1T_1T_{d1}T_{d1}T_{x1}$ 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	005 27	231 60	000 21	272 21	854 90	240 02	700 87	145 97	509 87
	539 91	801 91	819 97	555 55	889 00	260 86	668 00	215 64	466 00	057 86
	909 90	504 00	469 90	588 89	739 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	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Bogra	08 04	07 02	15 03	15 04	21 02	15 02	36 01	25 07	..	..	..	..	..	..	..	..	..	..	26 01	36 01	33 03	34 07	02 04	10 06	23 01	07 07
Dhio	22 07	22 12	20 19	20 20	27 17	11 03	32 05	31 04	26 18	26 23	..	..	..	..	..	..	..	..	34 17	28 15	31 17	18 12	17 19	18 19	07 31	..
Chittagong	31 05	34 04	05 03	09 05	12 10	08 18	..	..	..	..	05 04	05 02	..	..	..	..	..	..	06 01	26 01	06 03	05 06	05 06	09 12	..	10 04
Cox's Bazar	32 04	15 06	04 05	07 07	08 10	..	..	..	..	..	15 04	..	..	..	..	..	..	..	09 02	08 01	06 04	05 05	07 09	08 11	11 12	..
Dacca	04 03	03 01	23 01	13 13	11 03	07 02	..	..	..	..	16 05	..	16 03	10 02	..	..	..	..	29 03	29 05	30 03	13 05	15 06	11 06	05 05	..
Dalbandin		..	31 01	01 02	30 06	27 07	35 08	30 06	29 13	29 22	..	..	07 11	04 07	08 05	28 06	..	..	..	..	04 03	09 10	15 09	19 04	08 08	01 16
Drosh		..	..	..	23 06	22 03	27 02	33 17	33 11	..	..	..	..	33 03	19 03	19 06	..	..	..	..	..	..	08 04	16 15	25 07	36 19
Fort Sandeman	..	..	..	21 01	21 07	23 07	..	..	..	..	..	..	..	04 06	11 03	21 33	..	..	..	..	05 05	05 03	11 11	08 09	..	..
Hyderabad	15 07	15 06	16 06	16 06	16 05	20 06	22 05	29 09	29 13	28 27	16 10	17 05	16 04	29 05	15 04	24 11	04 24	14 09	11 08	09 06	25 03	01 00	04 10	..
Jhelum	11 02	13 06	16 06	21 08	16 06	21 09	31 15	..	..	..	02 03	01 03	24 03	32 03	19 03	08 06	22 02	33 01	29 03	27 02	03 04	01 01	35 14	01 20
Jiwani	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Karachi	26 14	24 11	22 11	21 09	14 07	07 13	06 21	25 07	22 09	28 15	27 16	27 13	26 13	20 22	15 08	06 19	26 14	30 13	24 14	21 13	22 16	17 07	..	22 11
Khanpur	23 10	21 15	21 20	22 18	20 04	02 06	10 03	33 08	..	..	22 00	21 13	20 13	19 12	04 05	..	25 11	26 11	23 16	22 15	22 18	18 13	17 07	..
Lahore	27 07	22 06	22 09	21 14	21 03	27 13	..	..	..	..	09 08	13 06	17 04	25 07	25 17	18 14	14 06	17 11	15 09	15 04	24 07	17 08	20 16	28 17
Multan	25 12	23 11	24 11	23 17	21 11	24 15	20 07	..	..	..	30 01	29 07	27 04	25 24	24 26	..	28 09	25 05	27 07	13 09	25 07	17 09	20 10	35 18
Peshawar	..	07 06	07 02	14 02	15 03	02 06	27 07	29 19	29 23	30 29	..	07 03	21 02	15 10	16 08	24 17	..	23 10	23 10	20 04	25 03	01 01	04 12	05 08
Quetta	..	..	..	..	29 09	28 09	30 13	30 17	30 23	31 26	..	..	..	..	26 13	29 17	..	..	..	..	14 07	29 13	14 06	36 08
Bushire	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sharjar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Cloud Observation Data (iiiGG Cddv, v,)

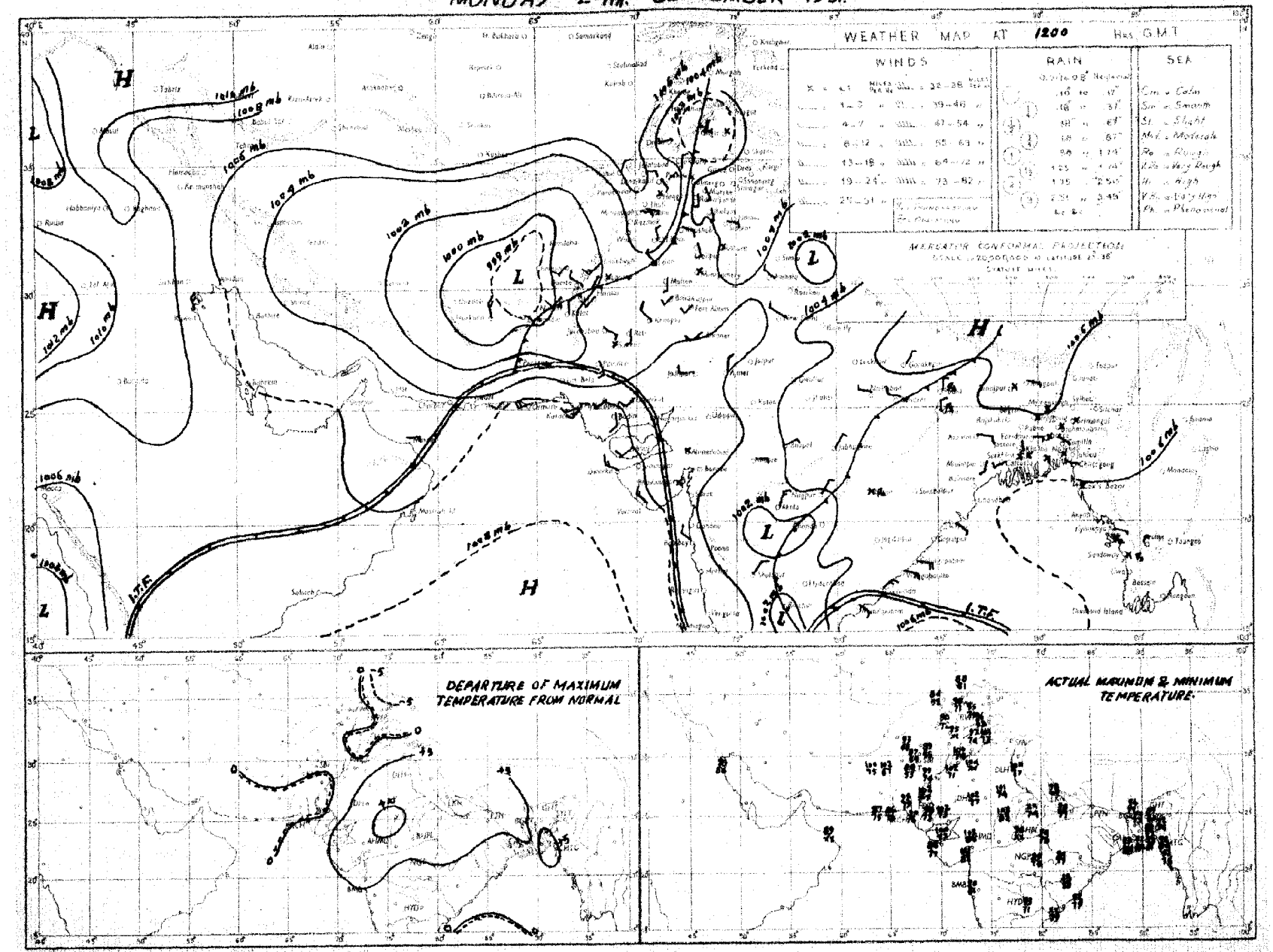
Jhelum 59808 42708

* 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 0.5, 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

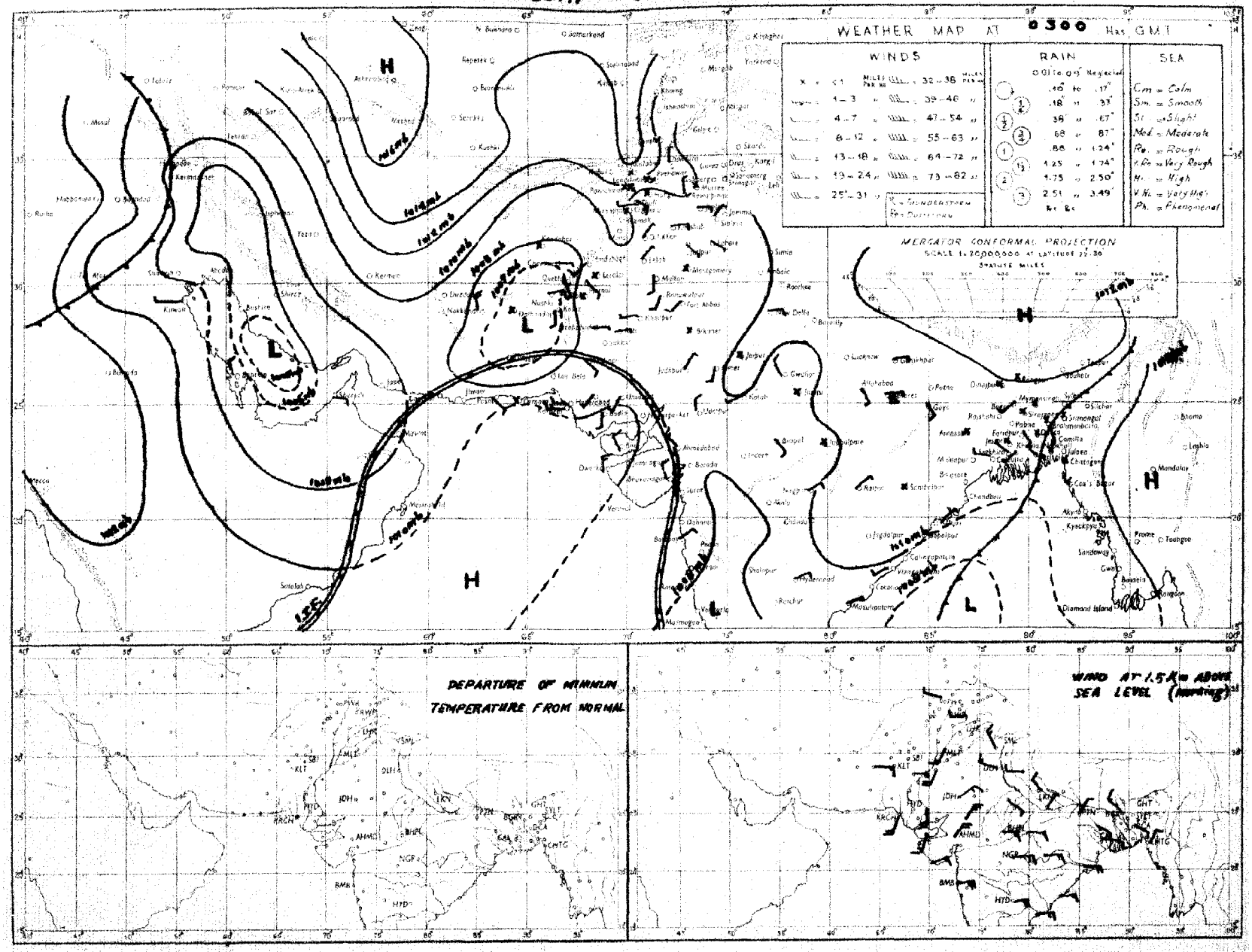
MONDAY 24th. SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 25th. SEPTEMBER 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 26TH SEPTEMBER, 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 and Kanara coasts.

Another trough lies in the central and the south Bay of Bengal.

A low pressure wave is moving eastwards across central Iran.

Scattered rain/thunderstorms have occurred in East Pakistan. Cox's Bazar reported 2" rain.

Day temperatures were appreciably to markedly above normal in north Baluchistan, the plains of Punjab, lower Sind and East Pakistan.

Forecast valid until the evening of 27th :— Local thunderstorms/showers will occur in East Pakistan. Scattered thundery conditions may also develop in the upper North-West Frontier Province, Kashmir and the extreme north Punjab.

Karachi-11.
The 26th September, 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$_R$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$_R$D$_M$T$_n$T$_n$	T$_x$T$_x$	T$_n$T$_n$	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	068 76	8 18 09	92 07 9	075 86	2 8 4 2 0	4 × 0 92							+ 5					140
	Chittagong	000 77	2 29 05	94 02 5	068 86	1 8 6 0 1	8 × × 92	000 83	4 00 00	97 02 1	098 87	1 1 6 9 0	0 × 9 75	+ 5	- 1	88.0	+ 11 9	117 7	108
	Noakhali	000 77	1 31 05	96 02 1	××× 90	0 0 9 1 0	- × 92	000 78	2 36 05	96 02 1	×× 66	0 0 9 0 2	- - - 81	+ 5	+ 4	—		—	115
	Comilla	000 79	1 36 02	98 00 0	061 89	0 0 9 0 1	- × - 90	000 79	0 13 02	98 00 0	107 87	0 0 9 0 0	- - - 79	+ 2	+ 3	91.6	+ 29 6	99 0	94
	Brahmanbaria	000 80	0 00 00	97 00 1	070 88	0 0 9 0 0	- - - 97	000 79	0 00 03	97 00 0	098 90	0 0 9 0 0	- 80	—	—	48.0	+ 0 9	57 9	78
	Dacca	000 79	2 00 00	97 03 1	060 80	0 0 9 2 0	9 × × 92							—					—
	Narayanganj	000 79	5 00 00	96 01 1	062 90	0 0 9 0 8	9 × 0 95	000 77	1 27 02	95 01 1	097 91	1 1 5 0 0	6 × × 80	+ 7	+ 2	57.0	+ 9.5	75.9	74
	Mymensingh	000 80	0 00 00	99 00 0	074 87	0 0 9 0 0	- - - 90	000 79	0 00 00	99 00 0	107 83	0 0 9 0 0	- - 79	+ 3	+ 2	39.5	22 2	47 6	91
	Srimangal	000 81	1 00 00	96 01 1	059 87	0 0 9 0 1	- × - 94	000 79	1 23 02	97 02 1	099 84	1 2 6 0 0	- - - 72	+ 3	- 2	63.0	+ 5 8	90 1	98
	Khulna	000 79	4 00 00	98 01 1	086 88	4 8 9 0 0	- - - 92	000 77	1 00 00	98 00 0	107 90	0 0 9 0 1	- - - 79	+ 4	+ 2	41.2	6 5	49 7	69
	Satkhira	000 85	6 12 02	97 03 1	069 88	5 4 6 6 0	- - × 94	000 79	6 23 02	97 03 1	104 87	6 4 6 6 0	- - 80	+ 5	+ 4	28 7	16 3	37.5	66
	Jessore	000 79	6 00 00	98 02 3	064 87	6 8 6 0 0	- - - 95	000 79	3 23 05	97 01 0	104 87	3 8 6 0 0	- - - 74	—		31.0	12.1	34 1	66
	Faridpur	000 78	2 09 00	95 02 0	069 88	2 4 7 1 0	- - - 90	000 78	1 34 02	97 01 0	099 86	1 5 7 0 0	9 × × 79	+ 3	+ 1	45.2	2 2	49.6	71
	Barisal	000 77	5 00 00	97 02 1	063 89	1 2 6 8 7	× × 92	000 78	2 00 00	98 01 1	100 86	1 3 6 0 2	- - - 79	+ 5	+ 1	48 1	7 3	56 8	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 76	4 00 00	99 03 1	058 86	8 1 7 0 0	- - - 88	000 79	0 00 00	99 00 0	097 87	0 0 9 0 0	- - - 78	+ 1	+ 1	45 9	+ 1 9	55.9	64
	Bogra	000 76	4 09 02	96 02 1	060 90	0 0 9 0 5	- × - 95	000 77	1 05 02	96 01 1	069 90	1 1 8 0 0	- - - 79	+ 7	+ 2	32.6	16 2	39 4	69
	Dinajpur	000 77	4 00 00	97 02 2	073 88	0 0 9 4 0	- - × 94	000 80	0 00 03	97 00 0	106 88	0 0 9 0 0	- - - 79	+ 6	+ 2	41 1	13 7	45.4	72
	Rangpur	000 ××	8 09 02	98 02 1	—	0 0 9 1 8	- × × ××	000 ××	2 09 02	98 02 1	— —	2 1 8 0 0	- - - —	—	—	65.0	+ 4.9	74 3	84
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg (a)																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 67	0 18 02	96 00 0	045 97	0 0 9 0 0	- - - 99	000 65	0 00 00	96 00 0	061 83	0 0 9 0 0	- - - 76	+ 1	+ 6	5.0	3 2	10 2	12
	Lahore	000 69	0 06 00	98 00 0	056 97	0 0 9 0 0	- - - 01	000 66	0 09 02	96 00 0	076 83	0 0 9 0 0	- - - 74	+ 3	+ 6	10.6	3 8	14 7	19
	Sialkot	000 63	0 06 02	97 00 0	053 91	0 0 9 0 0	- - - 98	000 65	0 05 02	97 00 0	061 81	0 0 9 0 0	- - - 76	+ 3	+ 6	13.8	9.5	16.7	32
	Jhelum	000 66	0 00 00	98 00 0	064 97	0 0 9 0 0	- - - 99	000 61	0 00 00	97 00 0	073 84	0 0 9 0 0	- - - 70		—	16 5		25 8	
	Rawalpindi	000 63	0 00 00	99 00 0	055 90	0 0 9 0 0	- - - 97	000 60	0 00 00	97 00 0	090 77	0 0 9 0 0	- - - 70	+ 4	+ 5	14 9	8.4	25.7	36
	Murree †	000 43	0 00 00	98 00 0	079 89	0 0 9 0 0	- - - 74	000 48	0 00 00	98 00 0	079 65	0 0 9 0 0	- - - 66	+ 4	+ 3	21.9	12 2	48 5	59
	Attock	××× ××	0 05 05	97 00 0	—	0 0 9 0 0	- - - —	××× ××	0 00 00	93 00 0	—	0 0 9 0 0	- - - ××	—		—	—	—	
	Khushab	000 67	0 11 05	98 00 0	053 97	0 0 9 0 0	- - - 99	000 72	0 07 05	98 00 0	071 81	0 0 9 0 0	- - - 74	0	+ 3	3 0	7.1	8.0	15
	Montgomery	000 62	0 00 09	97 00 0	046 01	0 0 9 0 0	- - - 02	000 65	0 00 00	96 00 0	065 81	0 0 9 0 0	- - - 73	+ 3	+ 1	2 5	5 8	6.1	10
	Leiah	000 74	0 31 02	97 00 0	054 02	0 0 9 0 0	- - 03	000 69	0 22 02	97 00 0	070 77	0 0 9 0 0	- 75	—	—	0.9		6 6	8
	Multan	000 62	0 18 02	97 00 0	051 91	0 0 9 0 0	- - - 05	000 61	0 18 02	×× ×× ×	061 82	0 0 9 0 0	- - - 77	+ 7	+ 4	3 8	1 1	6 9	7
	Khanpur	000 98	0 31 05	95 05 0	058 00	0 0 9 0 0	- - - 03	000 67	0 21 03	95 05 0	066 82	0 0 9 0 0	- - - 73	+ 2	+ 1	0.3	4 5	1.9	6
	Bahawalpur	000 65	0 27 02	97 00 0	054 00	0 0 9 0 0	- - - 03	000 60	0 20 02	97 00 0	055 77	0 0 9 0 0	- - - 71	+ 4	+ 1	1.9	2 3	5 0	6
	Fort Abbas	000 90	0 23 03	96 00 1	042 04	0 0 9 0 0	0 × × 05	000 76	0 23 02	96 00 0	062 86	0 0 9 0 0	0 × × 77		—	2 8	—	3.7	8
N. W. F. P.	Drosh *	000 47	1 26 09	99 01 1	944 87	1 1 7 0 0	5 × × 90	000 46	× ×× ××	99 00 0	987 67	0 0 9 0 0	- - - 66	—	+ 6	1 8	-	22 0	18
	Chakdara	000 62	0 36 02	99 00 0	048 91	0 0 9 0 0	- - - 95	000 59	0 27 02	98 00 0	078 73	0 0 9 0 0	- - - 66		—	6 5	—	18.8	-
	Cherat *	000 55	0 16 07	97 00 0	931 86	0 0 9 0 0	- - - 88	000 55	0 18 02	97 00 0	977 71	0 0 9 0 0	- - - 66	+ 4	+ 3	6.0	5 9	28.0	29
	Peshawar	000 59	1 02 03	95 05 1	958 93	1 1 7 0 0	- - - 94	000 62	0 00 00	96 00 0	078 77	0 0 9 0 0	- - - 70	0	+ 3	1.8	2 0	6 6	14
	Parachinar	000 43	1 13 02	99 01 7	985 78	1 1 8 0 0	4 - - 53	000 64	0 00 00	99 00 1	977 70	0 0 9 0 0	- - - 59	+ 4	+ 4	9.3	-	26 8	29
	Miranshah	000 57	0 07 02	98 23 4	984 90	0 0 9 0 0	- - 02	000 55	0 00 00	98 23 4	960 78	0 0 9 0 0	- - - 72	—	—	8.6	1 1	10 5	13
	Bannu	000 57	0 07 03	99 00 0	061 95	0 0 9 0 0	- - - 98	000 64	0 00 00	99 00 0	059 78	0 0 9 0 0	- - - 73	—		0.9		5.8	11
	D. I. Khan	000 60	0 05 04	95 07 0	050 98	0 0 9 0 0	- - - 01	000 62	0 00 00	96 00 0	072 80	0 0 9 0 0	- - - 75	+ 2	+ 4	1.1	4 8	2.8	9
	Wana																		11
	Landikotal	000 62	0 05 03	98 06 0	964 85	0 0 9 0 0	- - - 89	000 58	0 00 00	98 05 0	968 75	0 0 9 0 0	- - - 64		—	2 4	—	12 0	-
	Rangn	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - —	××× ××	0 00 00	97 00 0	—	0 0 9 0 0	- - - ××	—	—		—	—	-
	Thull	××× ××	0 27 08	98 00 0	—	0 0 9 · 0	- - - —	××× ××	0 36 00	99 00 0	—	0 0 9 0 0	- - - ××	—	—	—	-	-	-
BALUCHISTAN	Fort Sandeman	000 37	0 00 00	97 05 1	972 90	0 0 9 0 0	5 × × 94	000 47	0 06 00	96 05 0	977 74	0 0 9 0 0	- - - 65	+ 2	+ 4	4.1	0 0	10 0	11
	Hindubagh	000 25	3 09 05	97 03 1	959 84	8 5 8 0 0	7 × × 89	000 33	0 27 05	98 00 0	963 75	0 0 9 0 0	- - - 66	—	—	0.2	—	2.5	-
	Loralai	000 76	0 13 05	96 00 0	955 86	0 0 9 0 0	· - 86	000 58	0 23 02	96 00 0	975 68	0 0 9 0 0	- - - 57	—	—	1.7	—	8 1	—
	Barnai (a)	000 ××	5 31 02	96 01 2	—	0 0 9 0 5	5 6 × —	000 ××	6 37 02	96 00 0	—	0 0 9 0 0	- - - ××		—	2.0	5.4	10.6	14
	Sibi	000 41	0 23 05	99 00 0	041 03	0 0 9 0 0	- - - 04	000 55	0 00 00	98 00 0	065 88	0 0 9 0 0	- - - 75	—	—	2.2	—	3.8	5
	Quetta †	000 52	4 00 00	99 10 2	970 84	0 0 9 1 0	- - - 00	000 49	0 00 00	98 10 0	971 83	0 0 9 0 0	- - - 50			0.8	0.2	9.3	9
	Chaman	000 74	0 00 00	97 00 0	948 92	0 0 9 0 0	- - - 98	000 65	0 09 02	97 00 0	978 79	0 0 9 0 0	- - - 69	+ 6	+ 10	0	0.2	9.6	3
	Nushki	000 63	0 29 05	97 00 0	010 00	0 0 9 0 0	- - - 02	000 51	0 11 02	96 00 0	080 85	0 0 9 0 0	- - - 79		—	0	—	5.4	-
	Dalbandin *	000 64	0 23 03	97 00 0	952 01	0 0 9 0 0	- - - 03	000 46	0 00 00	97 00 0	986 90	0 0 9 0 0	- - - 62	+ 4	+ 4	0	0.3	1.8	4
	Nokkundi	000 73	0 14 05	99 00 0	996 02	0 0 9 0 0	- - - 05	000 43	0 16 02	99 00 0	069 73	0 0 9 0 0	- - - 72	—	—	0	—	0.9	2
	Kalat *	000 56	4 05 05	98 03 1	982 81	0 0 9 0 4	7 4 0 87	000 49	0 18 05	98 00 0	990 61	0 0 9 0 0	- - - 55	+ 6	+ 11	0.8	0 4	2.7	7
	Turbat	000 69	0 22 05	97 00 1	061 96	0 0 9 0 0	9 × 0 96	000 73	6 25 03	96 03 2	094 80	8 9 7	9 - - 79	—	—	0		1.4	—
	Panjgur *																		5
	Las Bela	000 77	0 16 00	99 00 0	054 97	0 0 9 0 0	- - - 02	000 75	0 00 00	99 00 0	091 79	0 0 9 0 0	- - - 74	—	—	1.6		1.7	9
	Ormara	000 81	1 25 18	97 01 0	067 85	1 5 6 0 0	- - - 87	000 76	4 25 18	97 01 0	089 79	4 5 6 0 0	- - - 78			0.5	0 5	3 1	0
	Pasni	000 73	0 23 07	99 00 0	077 85	0 0 9 0 0	- - - 88	000 74	0 27 08	96 00 0	096 78	0 0 9 0 0	- - - 72	2	+ 1	0.8	0 1	4.9	0
	Jiwani																		4
SIND	Keti	000 75	0 18 02	96 00 0	061 06	0 0 9 0 0	- - - 07	000 68	0 00 00	96 00 0	070 82	0 0 9 0 0	- - - 71	—		1.7	—	2.2	-
	Jacobabad	000 66	0 18 03	99 00 0	050 95	0 0 9 0 0	- - - 99	000 62	0 00 00	98 00 0	067 78	0 0 9 0 0	- - - 75	8	+ 2	0.2	2 0	0.7	4
	Sukkur	000 67	0 ×× ××	96 00 0	049 00	0 0 9 0 0	- - - 03	000 66	0 ×× ××	96 39 0	066 80	0 0 9 0 0	- - - 76	—		0.5	—	1.9	4
	Pad Idan	000 60	0 00 00	98 00 0	053 01	0 0 9 0 0	- - - 01	000 65	0 00 00	98 00 0	065 80	0 0 9 0 0	- - - 71	—	—	0.8	—	0.9	
	Karachi (Manora)	000 74	0 25 09	93 00 0	071 84	0 0 9 0 0	- - - 87	000 75	4 25 05	98 01 1	989 80	4 6 4 0 0	- - - 78	+ 2	+ 2	1 5	4 5	1 6	8
	Karachi (A. P.)	000 76	0 25 10	97 00 0	071 88	0 0 9 0 0	- - - 92	000 76	3 29 10	96 03 1	098 80	3 6 4 0 0	- - - 76		—	2.9		3.0	
	Badin	000 70	0 31 05	97 00 0	065 02	0 0 9 0 0	- - - 02	000 75	0 28 05	97 00 0	089 78	0 0 9 0 0	- - - 74	+ 7	0	7.0	0.2	7.0	9
	Nagarparkar																		
	Chhor (Umarkot)	000 75	0 23 03	97 00 0	052 02	0 0 9 0 0	- - - 04	000 73	0 20 03	97 00 0	079 79	0 0 9 0 0	- - - 73	—	—	2.1	—	2.1	
	Hyderabad	000 59	0 23 03	97 00 0	065 02	0 0 9 0 0	- - - 04	000 71	0 23 02	97 00 0	073 76	0 0 9 0 0	- - - 72	+ 6	- 3	1.3	4 2	2.8	7
JUNAGADH	Veraval																		29
AFGHANISTAN	Kabul							000 28	0 20 07	98 00 0	002 60	0 0 9 0 0	- - - 52		—				12
	Jalalabad	000 40	1 07 02	96 01 0	002 92	0 0 9 7 0	2 6 9 96							—					-
	Kandahar	000 56	0 00 00	98 06 0	917 86	0 0 9 0 0	- - - 99							—					-

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR WEDNESDAY, THE 26TH SEPTEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VV ww W	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_xT_x$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_nT_n$	Departure from Normal T_xT_x	T_dT_d	Rainfall Since 1st June '51 to date	Departure from normal	Since 1st Jan. '51 to date	Annual Normal
8	9	8	8	8	8	8	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Gharba:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Jask	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Mashed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	Bushire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
Arabia	Masca:	000 78	0 13 62	97 00 0	065 85	0 0 0 0 0	- - - 66	000 77	1[96 02	97 00 0	093 81	0 0 0 2 0	- - xxx	- 5	...	0	- 0.1	0.5	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 36 65	97 00 0	064 99	0 0 0 0 0	- - - 65	000 xx	0 54 69	96 00 0	093 85	0 0 0 0 0	- - - 68	-	...	0	...	1.5	4

* Barometer readings reduced to 1 geodynamic Kilometre 3,350-3,358 feet according to latitude
† Barometer readings reduced to 3 geodynamic Kilometre 6,699-6,715 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 $N_s Ch_s h_s$	0 $T_s T_s T_d T_d$	$1d_wd_wP_wH_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shwedagon	33 102	719 12	0 84 13	98 02 0	060 xx	00 9 00	-	-	-	-
Jalaratna	33 178	719 12	7 00 12	95 02 1	046 88	20 9 14	-	-	-	-
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	005 28 241 60	000 22	272 39	854 91	230 85	700 36	116 02	509 30	540 90	301 63	619 97	208 91	009 93	555 58	159 57	251 92	300 00	201 28	258 91	271 08	495 00	190 71	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 brs. 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	18 01	04 04	01 02	-	-	-	-	-	-	-	25 01	25 02	21 06	25 06	02 02	-	11 01	01 02	19 04	18 06	21 02	07 05	06 05	02 15
Dhubri	22 09	21 09	16 12	12 03	15 09	20 09	07 10	21 08	26 15	26 20	-	-	-	-	-	-	28 16	24 13	25 07	17 06	16 15	07 12	11 11	
Chittagong	32 09	34 10	01 15	03 11	-	-	-	-	-	-	29 04	24 01	26 03	-	-	-	01 02	29 05	01 05	05 08	05 04	15 03	11 09	-
Cox's Bazar	20 10	21 08	26 07	05 04	06 06	10 07	-	-	-	-	26 04	27 04	24 03	26 01	-	-	24 05	26 03	23 02	26 01	03 03	-	-	-
Dacca	24 02	26 02	01 05	31 03	07 03	06 04	06 06	-	-	-	29 04	26 05	27 05	05 12	14 05	-	-	-	-	-	-	-	-	-
Daldandir	-	-	-	18 05	17 07	18 10	01 03	30 08	25 15	-	-	-	23 09	25 09	26 05	25 03	25 08	-	01 01	22 08	22 15	21 05	01 11	05 05
Dinaj	-	-	-	-	21 06	25 06	23 08	28 12	28 18	28 18	-	-	-	12 01	25 03	19 05	-	-	-	-	06 05	26 20	02 07	14 01
Fort Sandeman	-	-	-	22 01	23 02	20 04	20 05	07 16	-	-	-	-	-	-	-	-	-	-	-	23 05	21 09	20 20	22 10	01 08
Jacobabad	13 04	04 05	29 03	29 05	20 06	19 05	05 09	08 12	25 14	-	21 04	20 04	20 04	20 00	18 05	01 06	25 04	25 08	24 09	29 03	25 10	11 06	05 17	25 03
Jhelum	14 02	14 05	15 05	07 04	08 05	21 02	24 08	05 15	02 18	01 27	11 05	21 07	23 06	21 05	29 09	22 14	01 02	15 19	15 08	21 04	19 04	23 10	21 18	
Irwani	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Karachi	28 11	26 10	25 12	21 10	23 15	07 06	05 21	25 04	-	-	25 13	27 13	22 11	25 13	24 07	04 17	25 15	27 09	27 11	24 16	27 22	26 10	-	-
Khanpur	26 04	23 07	23 16	23 12	25 10	21 04	06 08	25 11	29 20	01 22	26 04	23 08	23 10	23 07	23 05	23 04	26 14	24 13	25 17	23 20	23 16	10 03	-	-
Lahore	17 03	15 05	19 05	18 06	19 04	27 03	23 15	01 20	29 20	26 24	13 10	11 07	12 05	11 04	27 03	25 04	13 13	13 10	13 09	08 08	07 09	25 06	25 14	25 11
Multan	28 05	26 06	30 06	26 10	27 09	25 08	25 11	25 19	-	-	26 15	27 10	21 06	27 09	27 15	29 13	27 10	25 18	25 16	23 09	26 07	23 11	25 15	04 13
Peshawar	-	07 06	13 06	18 05	23 04	25 07	26 06	02 19	-	-	-	33 04	25 05	24 05	27 02	29 04	-	33 13	34 10	33 04	34 03	24 06	25 10	07 03
Quetta					33 03	29 09	13 04	-	-	-	-	-	-	-	14 07	07 10	-	-	-	-	-	-	-	-
Bushire					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bhavian					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

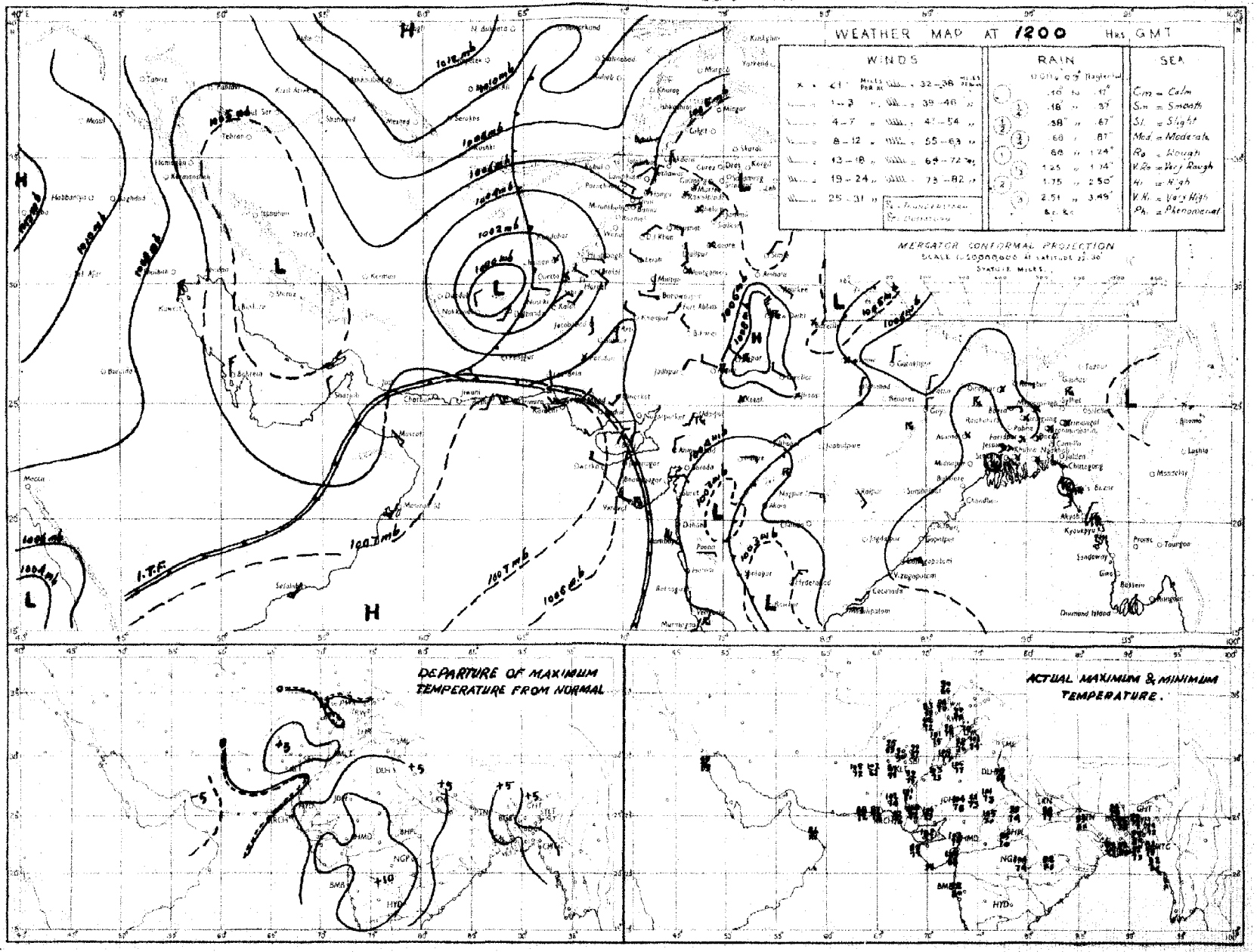
Cloud Observation Data (iiiGG Cddv, v_v)

* 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, 1.2, 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

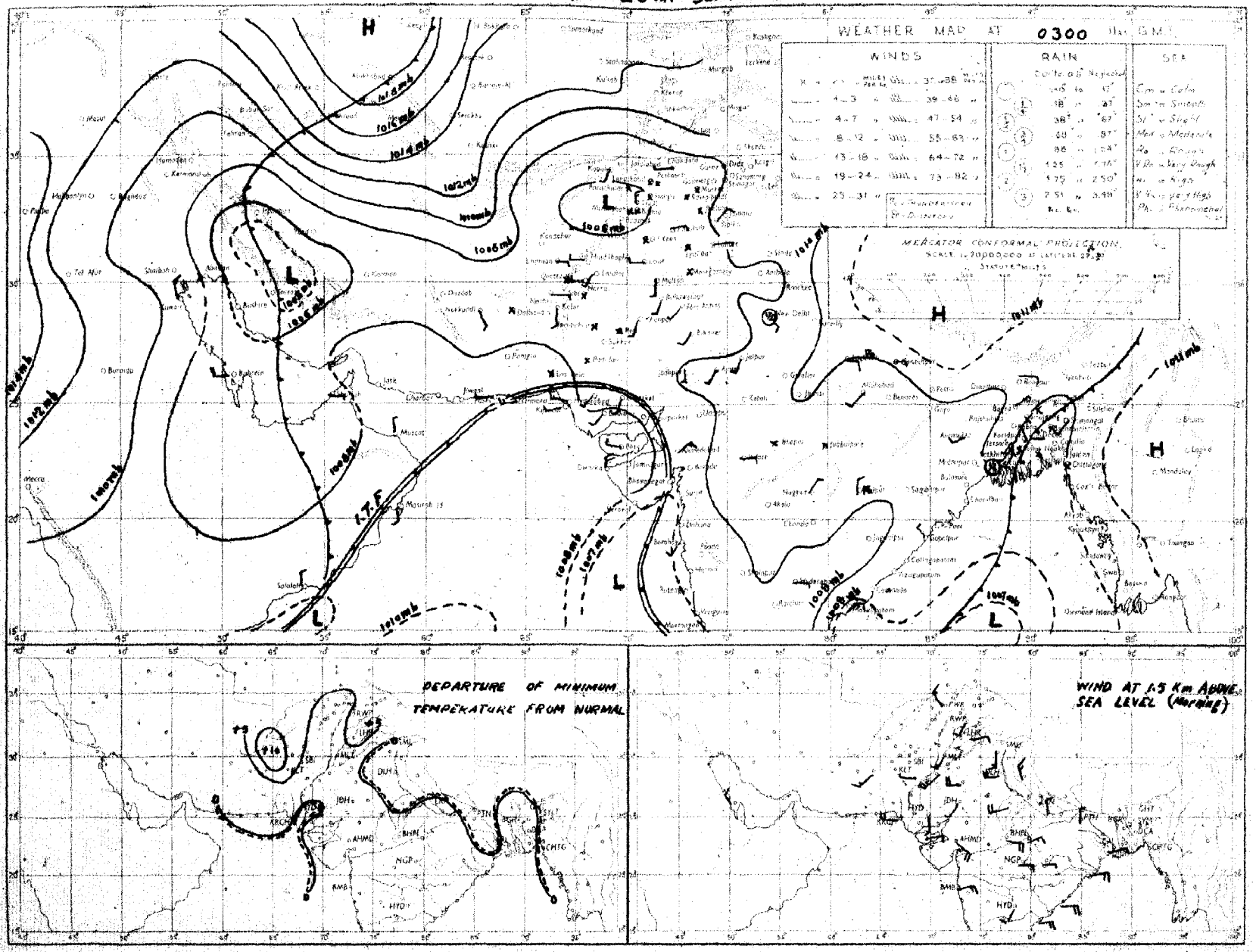
TUESDAY 25th: SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 26th. SEPTEMBER 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 27TH SEPTEMBER, 1951

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

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

Yesterday's trough in the central and the south Bay of Bengal is becoming more marked. It is likely to concentrate into a depression.

The trough of low off Konkan and Kanara coast persists.

A trough of low extends from Baluchistan to southwest Iran.

Scattered thunderstorms/showers have occurred in East Pakistan. Cox's Bazar reported 1", Satkhira ¾" and Chittagong ¼" rain.

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

Forecast valid until the evening of 28th :—Local thunderstorms/showers will occur in East Pakistan and scattered thunderstorms in the upper North-West Frontier Province, Kashmir and the adjoining north Punjab.

Karachi-11.
The 27th September, 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	Nddff	VVwwW	PPPTT	NhCLhCMCH	W1DsDaTxTx	RRRTdTd	Nddff	VVwwW	PPPTT	NhCLhCMCH	W1DsDaTnTn	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	122 78	2 00 00	95 01 1	046 79	1 1 6 0 1	5 0 × 92	122 79	6 00 00	96 02 1	098 88	2 2 6 2 1	1 0 0 79	+5	+4	93.2	16.1	102.8	140
	Chittagong	090 77	3 29 02	97 02 1	054 87	1 1 6 7 0	0 × 9 92	020 75	8 86 02	94 02 9	099 73	8 0 7 2	4 · 9 75	+5	1	86.2	+11.7	117.9	108
	Noakhali	000 88	7 00 00	95 01 1	xxx 87	0 0 9 2 8	- - - 91	000 78	6 09 02	96 02 1	xxx 88	4 2 5 4 0	- - - —	+4	—	—	—	—	115
	Comilla	000 77	6 00 00	98 03 1	050 90	2 5 7 0 4	- - - 91							+3					94
	Brahmanbaria	000 60	× ×× ××	97 00 1	058 88	0 0 9 0 0	- - - 92												78
	Dacca	000 77	8 00 00	97 01 1	044 87	2 8 5 3 0	8 × 9 98	000 79	0 00 03	97 00 1	085 87	0 0 9 0 0	8 × × 79			—	—	—	—
	Narayanganj	000 75	6 00 00	97 01 1	038 88	6 0 7 7	5 × 0 94	000 77	1 00 00	95 01 1	084 90	1 2 5 0 0	4 · 82	+6	+4	57.0	+0.2	75.9	74
	Mymensingh	000 77	8 00 00	99 02 2	051 86	5 4 7	- · 00	000 79	0 00 00	99 00 0	097 83	0 0 9 0 0	- - - 79	+13	+2	39.5	22.6	47.6	91
	Srimangal	000 81	2 00 00	96 02 1	050 87	1 2 5 0 2	0 6 × 94	000 79	2 00 02	96 02 1	091 86	2 2 6 0 1	- - - 74	+3	0	68.0	+5.0	90.1	98
	Khulna	000 78	5 21 02	97 00 0	054 88	4 2 3 0 2	- - - 98	000 77	0 36 02	98 00 0	090 87	0 0 9 0 0	- - - 79	+5	+2	41.8	6.9	49.7	66
	Satkhira	058 82	8 27 02	97 03 1	051 85	6 9 8 3 0	- - - 94	058 77	8 31 02	97 03 1	092 88	1 4 7 6 0	- - - 77	+5	+1	29.3	16.1	36.0	65
	Jessore	000 80	5 00 00	96 02 8	058 87	5 8 6 0 0	- - - 97	000 77	0 26 02	97 00 0	092 86	0 0 9 0 0	- - - 78	—		21.0	-12.1	34.1	66
	Faridpur	000 71	3 07 02	96 03 0	043 88	1 4 7 1 0	9 × 7 90	000 79	1 07 02	97 01 0	088 87	1 5 7 0 0	9 × × 79	+3	+1	43.2	3.0	49.6	71
	Barisal							000 77	4 05 02	98 03 1	092 88	2 3 6 0 3	- × - 79		+1	48.1	7.8	56.8	81
	Pabna																		59
	Rampur Boalia																		56
	Sirajganj	000 78	6 00 00	93 03 2	038 85	6 6 7 0 0	- - - 89	000 81	1 00 00	99 02 1	087 87	1 1 7 0 0	- - - 79	+2	+2	46.9	+1.5	55.9	64
	Bogra	003 77	5 00 00	96 03 9	046 86	1 2 6 7 5	3 0 0 92	000 79	4 09 02	96 01 1	067 87	4 2 7 0 0	- - - 77	+4	0	32.6	16.6	39.4	69
	Dinajpur	000 80	4 00 00	97 02 0	060 84	0 0 9 4 0	- - - 92	000 75	4 00 03	97 02 0	101 87	0 0 9 4 0	- - - 75	+4	2	41.1	14.1	45.4	72
	Rangpur	000 xx	0 00 00	98 02 1	—	0 0 9 0 0	- - - xx	000 xx	1 00 09	98 02 1	—	1 1 8 0 0	- - - xx	—	—	65.0	+4.4	74.2	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg †*																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Aliabad																		—
PUNJAB	Lyallpur	000 62	0 00 00	96 00 0	030 97	0 0 9 0 0	- - - 99	000 55	0 16 04	96 00 0	059 83	0 0 9 0 0	- - - 79	+1	+9	5.0	3.2	10.2	17
	Lahore	000 66	0 00 00	98 00 0	040 95	0 0 9 0 0	- - - 94	000 66	0 12 02	95 00 0	072 65	0 0 9 0 0	- - - 75	+1	+7	10.8	3.8	14.7	19
	Sialkot	000 66	1 31 02	97 02 1	046 95	0 0 9 0 2	- - - 98	000 68	2 05 02	97 03 0	080 82	0 0 9 0 4	- - - 77	+3	+7	13.8	9.5	18.7	32
	Jhelum	000 65	1 00 00	96 02 1	036 96	1 1 7 0 3	5 × × 98	000 68	1 00 00	97 01 0	083 80	0 0 9 0 1	- - - 71			16.5		25.8	
	Rawalpindi	000 62	0 26 02	98 00 0	040 92	0 0 9 0 0	- - - 96	000 64	0 36 02	97 00 0	081 80	0 0 9 0 0	- - - 71	+3	+6	14.9	8.4	26.7	38
	Murree †	000 44	0 00 00	98 00 0	969 68	0 0 9 0 0	- - - 72	000 52	0 28 02	96 00 0	982 68	0 0 9 0 0	- - - 55	+2	+2	21.9	13.3	45.5	59
	Attock	xxx xx	0 07 04	97 00 0	—	0 0 9 0 0	- - - xx	xxx xx	0 18 02	98 00 0	—	0 0 9 0 0	- - - xx	—		—		—	
	Khushab	000 49	0 11 05	98 00 0	085 97	0 0 9 0 0	- - - 00	000 49	0 05 02	98 00 0	074 84	0 0 9 0 0	- - - 75	+1	+4	3.1	-7.1	8.0	15
	Montgomery	000 65	0 00 00	97 00 0	029 01	0 0 9 0 0	- - - 08	000 65	0 23 03	96 00 0	062 82	0 0 9 0 0	- - - 76	+4	+4	2.5	4.0	6.1	10
	Leiah	000 72	0 12 02	97 00 0	026 04	0 0 9 0 0	- 04	000 69	0 09 02	97 00 0	074 85	0 0 9 0 0	- - - 74	—	—	0.0		6.6	8
	Multan	000 63	0 00 00	97 00 0	026 04	0 0 9 0 0	0 0 0 03	000 63	0 05 02	96 00 0	058 79	0 0 9 0 0	- - - 78		+3	3.8	1.1	6.9	7
	Khanpur	000 76	0 27 05	95 05 0	028 01	0 0 9 0 0	05	000 64	0 23 05	95 05 0	057 81	0 0 9 0 0	- - - 72	+4	0	0.3	4.5	1.9	6
	Bahawalpur	000 63	0 27 02	97 00 0	024 01	0 0 9 0 0	- - - 05	000 63	0 00 00	97 00 0	056 76	0 0 9 0 0	- 71	+6	+1	1.9	2.3	5.0	9
	Fort Abbas	000 96	0 23 03	96 00 0	042 04	0 0 9 0 0	0 × × 05	000 77	0 23 02	96 00 0	xxx 87	0 0 9 0 0	0 × × 75			2.8	—	3.7	3
N. W. F. P.	Drosh *	000 60	0 31 02	99 00 0	027 91			000 40	0 00 00	99 00 0	982 68	0 0 9 0 0	- - - 67		+7	1.8		22.0	18
	Chakdara	000 56	0 16 07	97 00 0	963 85	0 0 9 0 0	- - - 93	000 60	0 05 02	98 00 0	078 73	0 0 9 0 0	- - - 66		—	6.5	—	19.6	
	Cherat *					0 0 9 0 0	- - - 87	000 56	0 16 04	97 00 0	976 83	0 0 9 0 0	- - - 67	+3	+4	6.0	5.9	23.0	29
	Peshawar	000 48	0 13 02	99 00 0	979 78			000 63	0 34 02	98 00 0	068 78	0 0 9 0 0	- - - 70		+3	1.3	3.1	8.6	14
	Parachinar	000 56	0 07 03	98 xx x	962 91	0 0 9 0 0	- - - 63	000 46	0 00 00	99 00 0	979 73	0 0 9 0 0	- - - 59	+4	+4	9.3		26.8	38
	Miranshah	000 58	0 09 02	99 00 0	030 96	0 0 9 0 0	- - - 92	000 65	0 00 00	98 xx x	962 77	0 0 9 0 0	- - - 71	—	—	3.6	1.2	10.5	18
	Bannu	000 57	0 02 02	96 00 0	024 00	0 0 9 0 0	- - - 98	000 65	0 00 00	99 00 0	087 78	0 0 9 0 0	- - - 73	—	—	0.9		5.8	11
	D. I. Khan					0 0 9 0 0	- - - 04	000 69	0 00 00	96 00 0	059 78	0 0 9 0 0	- - - 65	+5	-6	1.1	4.8	7.8	9
	Wana																		11
	Landikotal	000 62	1 05 03	98 02 1	944 85	0 0 9 7 0	- - - 88	000 55	0 00 00	98 05 0	964 80	0 0 9 0 0	- - - 65		—	2.4		12.0	-
	Hangu	xxx xx	0 00 00	97 00 0	—	0 0 9 0 0	- - - xx	xxx xx	0 00 09	97 00 0	—	0 0 9 0 0	- - - xx	—	—		—	—	-
	Thall	xxx xx	0 31 09	99 00 0	—	0 0 9 · 0	- - - xx	xxx xx	0 18 09	99 00 0	—	0 0 9 0 0	- - - xx	—	—	—		—	-
BALUCHISTAN	Fort Sandeman	000 31	0 00 00	98 05 0	920 xx	0 0 9 0 0	- - - 93	000 50	0 00 00	95 05 1	980 78	0 0 9 0 0	1 × × 65		+4	4.1	0.9	10.0	11
	Hindubagh	000 21	1 28 05	97 02 1	848 80	1 1 8 0 0	7 × × 90	000 36	0 00 00	99 00 0	975 xx	0 0 9 0 0	62			0.2	—	5.5	
	Loralai	000 47	0 05 05	98 00 0	929 87	0 0 9 0 0	- - - 93	000 41	0 00 00	98 00 0	940 63	0 0 9 0 0	- - - 58	—		1.7	—	8.1	
	Harnai (a)	000 xx	0 11 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	5.4	10.8	14
	Sibi	000 53	0 13 05	98 00 0	018 05	0 0 9 0 0	- - - 05	000 70	0 00 00	98 00 0	052 84	0 0 9 0 0	- - - 75	—		2.3	—	3.8	6
	Quetta †	000 39	3 29 02	99 01 1	962 87	0 0 9 3 0	5 × 0 89	000 46	0 00 00	99 00 0	965 58	0 0 9 0 0	- - - 63	—		0.8	0.2	9.2	9
	Chaman	000 79	0 25 02	97 00 0	945 92	0 0 9 0 0	- - 03	000 57	0 09 02	97 00 0	964 76	0 0 9 0 0	- - - 69	+8	+10	0	0.2	9.8	8
	Nushki	000 40	0 29 10	97 00 0	993 99	0 0 9 0 0	- - - 01	000 45	0 09 10	96 00 0	024 81	0 0 9 0 0	- - - 75		—	0	—	3.4	
	Dalbandin *	000 59	1 31 02	97 03 0	944 00	1 1 7 0 0	- - - 01	000 45	0 00 00	96 00 0	964 71	0 0 9 0 0	- - - 63	+4	+5	0	0.8	1.8	4
	Nokkundi	000 73	0 34 07	99 00 0	993 01	0 0 9 0 0	- - - 05	000 47	0 02 02	99 00 0	066 76	0 0 9 0 0	- - - 72		—	0	—	0.9	2
	Kalat †	000 56	5 13 05	98 03 1	970 84	5 0 8 3 0	7 0 4 86	000 40	0 18 05	98 00 0	908 68	0 0 9 0 0	- - - 84	+4	+10	0.8	0.4	9.7	7
	Turbat	000 66	0 22 05	97 01 1	050 98	0 0 9 0 1	9 - × 00	000 74	8 24 02	96 00 0	xxx 81	0 0 9 0 0	- - - xx	—	—	0		1.4	—
	Panjgur *	000 32	0 18 05	97 00 0	042 05	0 0 9 0 0	- - - 96	000 56	0 31 02	97 00 0	989 73	0 0 9 0 0	- - - 66	+4	+5	0	—	3.2	5
	Las Bela	000 75	0 16 08	98 00 0	017 01	0 0 9 0 0	- - - 05	000 75	0 00 00	99 00 0	069 82	0 0 9 0 0	- - - 72	—	—	1.6		1.7	8
	Ormara	000 79	0 25 13	97 00 0	046 05	0 0 9 9 0	- - - 87	000 77	6 25 13	97 08 0	060 80	5 5 6 0 0	- - - 78			0.5	0.5	8.1	4
	Pasni	000 74	0 23 10	97 00 0	064 85	0 0 9 0 0	- - - 90	000 75	0 27 05	96 00 0	080 76	0 0 9 0 0	- - - 78	-1	+6	0.8	0.1	4.9	8
	Jiwani																		
SIND	Rati	000 79	0 27 05	96 00 0	038 04	0 0 9 0 0	- - - 06	000 84	0 13 01	94 00 0	072 79	0 0 9 0 0	- - - 71	—		1.7	—	2.8	-
	Jacobabad	000 55	0 18 10	97 00 0	030 02	0 0 9 0 0	- - - 04	000 61	0 09 03	97 00 0	057 79	0 0 9 0 0	- - - 74	+3	+1	0.2	2.1	0.7	4
	Sukkur	000 66	0 xx xx	96 00 0	027 02	0 0 9 0 0	- - - 04	000 68	0 xx xx	96 00 0	064 82	0 0 9 0 0	- - - 78			0.5	—	1.9	4
	Pad Idan	000 54	0 16 09	98 00 0	029 04	0 0 9 0 0	- - - 07	000 58	0 00 00	98 00 0	054 82	0 0 9 0 0	- - - 72	—		0.8	—	0.9	
	Karachi (Manora)	000 78	0 25 09	98 00 0	048 82	0 0 9 0 0	- - - 06	000 75	3 27 05	97 01 1	072 78	3 6 4 0 0	- - - 76	0	+4	1.5	-4.5	1.6	4
	Karachi (A. P.)	000 76	0 27 10	97 00 0	049 00	0 0 9 0 0	- - - 07	000 76	6 29 09	96 03 1	075 80	6 6 4 0 0	- - - 75			2.9		3.0	
	Badin	000 44	0 31 05	97 00 0	043 00	0 0 9 0 0	- - - 07	000 75	0 23 05	97 00 0	085 79	0 0 9 0 0	- - - 74	+11	0	7.0	0.2	7.0	
	Nagarparkar																		
	Chhor (Umarkot)	000 75	0 00 00	97 00 0	028 02	0 0 9 0 0	- - - 08	000 71	0 22 08	97 00 0	067 86	0 0 9 0 0	- - - 76		—	2.1	—	2.1	
	Hyderabad	000 50	0 23 05	97 00 0	035 04	0 0 9 0 0	- - - 07	000 59	0 23 02	97 00 0	070 76	0 0 9 0 0	- - - 73	+8	2	1.8	4.8	2.9	7
JUNAGADH	Veraval																		24
AFGHANISTAN	Kabul	000 41	1 02 02	98 00 0	005 85	1 8 8 0 1	- - - 88							—					13
	Jalalabad	000 55	1 00 00	97 01 0	992 96	0 0 9 7 0	2 × 9 97	xxx xx	0 27 02	98 00 1	995 78	0 0 9 0 0	9 × × 69	—	—	0.5	—	6.9	-
	Kandahar							000 47	0 00 00	97 00 0	986 58	0 0 9 0 0	- - - 60		—	0	—	10.5	-

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR THURSDAY, THE 27TH SEPTEMBER, 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	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_x T_n$		RRR T_dT_d	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_s D_w T_x T_n$		$T_x - T_x$	$T_n - T_n$	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
Iran	Charbar																				
	Jask																				
	Mashed																				
	Bushire																				
Arabia	Muscat	000 78	3 26 02	97 00 0 059 84		0 0 9 8 0	- - - 86		000 78	9 31 02	97 00 9 080 83		0 0 9 0 0	- - - xx		- 5	—	0	- 9.1	3.3	4
	Sharjah	000 xx	0 34 09	96 00 0 064 95		0 0 9 0 0	- - - 97		000 xx	0 34 09	97 00 0 097 56		0 0 9 0 0	- - - 83		—	—	0	—	1.5	4
	Kuwait																				1

* Barometer readings reduced to 1 geodynamic Kilometre 3,250-3,256 feet according to latitude.
† Barometer readings reduced to 2 geodynamic Kilometre (6,499-6,713 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 $N_s Ch_s h_s$	0 $T_s T_s T_d T_d$	$1d_w d_w P_w H_w$
1	1	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalaratna	43 153	733 06	8 16 06	96 02 2	078 xx	33 7 24	—	—	—	—
Shwedagon	43 208	693 06	2 33 13	95 01 1	067 xx	21 6 03	—	—	—	—
Halladale	43 870	741 06	8 28 09	98 03 1	075 86	42 8 20	2 6 119	—	0 03 78	1 26 x1
Jalavilitabh	43 081	709 06	4 20 13	96 01 1	049 58	—	—	—	—	—
Shwedagon	43 207	694 12	1 33 13	98 03 9	370 xx	00 0 01	—	—	—	—
Shahjehan	43 148	730 13	0 20 02	98 02 1	029 84	44 4 54	7 4 001	—	0 02 77	—
Jalaratna	43 145	737 12	7 20 10	98 02 5	068 36	21 7 14	—	—	—	—
Slendrecht	43 195	719 18	1 29 05	99 12 0	052 29	12 5 06	—	—	0 59 81	1 29 21
Jalaratna	43 154	741 18	8 16 06	98 13 1	070 62	33 7 72	—	—	—	—
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX₁X₂	P₁P₁h₁h₁h₁	T₁T₁Td₁Td₁Tx₁ etc.	5555	h₂h₂P₂P₂P₂	T₁T₁Td₁Td₁Tx₁ etc.
1	2	3	4	5	6	7	8	9	10
Karachi ...	780 14	003 28	248 60	000 17	293 23	854 91	230 59	700 28	105 13

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX₁X₂	P₁P₁h₁h₁h₁	T₁T₁Td₁Td₁Tx₁ etc.	5555	h₂h₂P₂P₂P₂	T₁T₁Td₁Td₁Tx₁ etc.
11	12	13	14	15	16	17	18	19	20
Karachi ...	509 22	569 91	301 72	789 94	555 55	199 75	293 03	269 22	291 24

STATION	TEMP	CODE :— iiiGG	PoPoPoToTo	TdoTdoTxoX₁X₂	P₁P₁h₁h₁h₁	T₁T₁Td₁Td₁Tx₁ etc.	5555	h₂h₂P₂P₂P₂	T₁T₁Td₁Td₁Tx₁ etc.
21	22	23	24	25	26				
Karachi ...	319 00	280 92	665 00	190 35	458 00	039 04	780 77		

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	09 06	06 06	05 02	07 01	09 03	26 06	26 05	—	—	—	25 01	19 02	15 01	27 04	—	—	05 06	03 06	05 05	05 06	03 01	28 02	24 08	
Dhaka	23 05	21 05	19 06	18 07	14 13	24 03	11 33	04 05	28 07	—							26 13	20 08	25 07	17 07	14 18	16 13	06 17	07 20
Chittagong											20 11	22 00	15 04	15 05	16 03	15 08	06 11	06 10	05 15	06 12	09 11	—	—	—
Cox's Bazar	03 05	14 08	17 01	05 03	07 07	06 04	16 04	—	—	—	13 05	13 02	09 06	17 03	14 04	13 01	25 08	04 04	07 04	10 07	11 06	—	—	—
Dacca	21 02	21 06	25 07	03 04	09 03	14 05	12 05	25 06	25 17	—							25 03	24 05	25 07	04 23				
Dalbandin		—	20 05	24 08	24 07	19 05	28 06	04 00	21 13	25 09	—	—	—	09 01	04 15	05 08	27 00		07 08	07 13	09 11	10 03	19 01	03 06
Drosh		—	—	—	22 07	19 06	19 04	20 04	23 10	22 17					23 06	22 06	14 03	—						—
Fort Sandeman	—	—	—	26 01	29 07	28 07	01 03	23 09	21 06	25 05	—	—	—	—	04 07	02 06	26 17	—	—	25 02	22 06	20 21	25 07	
Jacobabad	22 13	23 11	23 19	23 06	22 18	24 04	09 09	09 19	22 06	22 21	21 17	21 15	21 15	21 15	20 01	05 08	25 23	25 16	23 16	22 12	24 04	05 06	06 22	05 02
Peshin	16 05	12 04	11 06	17 03	15 05	25 11	14 07	02 05	02 14		09 02	16 02	26 08	21 09	23 15	24 11	09 02	14 15	15 11	18 04	20 04	23 12	20 06	17 08
Siwan																								—
Karachi	29 16	28 14	28 12	30 10	25 07	05 06	07 04	05 06	06 11	28 19	28 17	27 15	26 14	28 10	30 04	14 29	27 20	27 14	26 13	26 06	12 16	19 06	06 19	—
Khanpur	24 10	25 16	23 19	24 15	25 16	25 09	26 13	05 11	30 08	—	25 14	23 16	25 15	24 13	27 11	—	26 20	27 20	26 20	25 17	07 15	20 13	—	—
Lahore	05 01	09 04	13 06	13 05	22 04	25 12	25 18	25 09	26 11	01 05	11 05	09 03	01 02	01 02	21 06	27 05	13 03	13 16	14 12	05 06	05 15	05 06	05	16 19
Multan	22 06	25 05	25 09	24 06	24 08	25 10	01 14	25 17			15 02	15 09	15 04	23 07	27 21	—	14 18	11 19	08 15	06 09	22 07	27 21	22 13	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—	14 07	23 03	—	25 06	22 07	—	—	23 07	25 10	23 05	22 02	20 07	22 04
Quetta	—	—	—	—	19 05	25 04	15 06	13 09	14 13	15 12	—	—	—	—	15 01	—	—	—	—	—	—	23 01	20 06	18 04
Bushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shahjan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

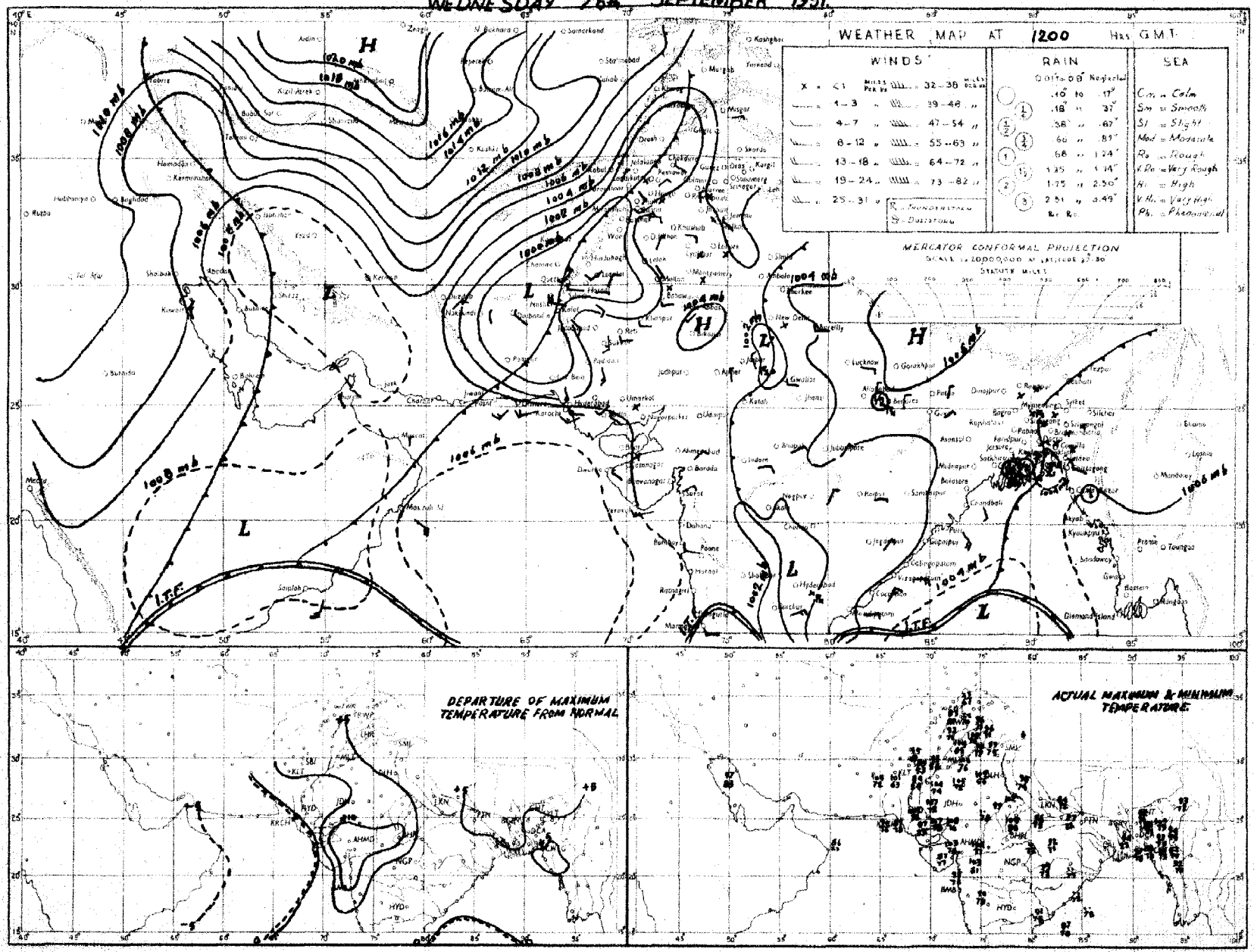
Cloud Observation Data (iiiGG Cddv, v_r)

* 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 results are 0.5, 0.6, 0.8, 1.0, 1.2, 1.5 4.5 5.0, 7.5, and 9.5 Km. The levels given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

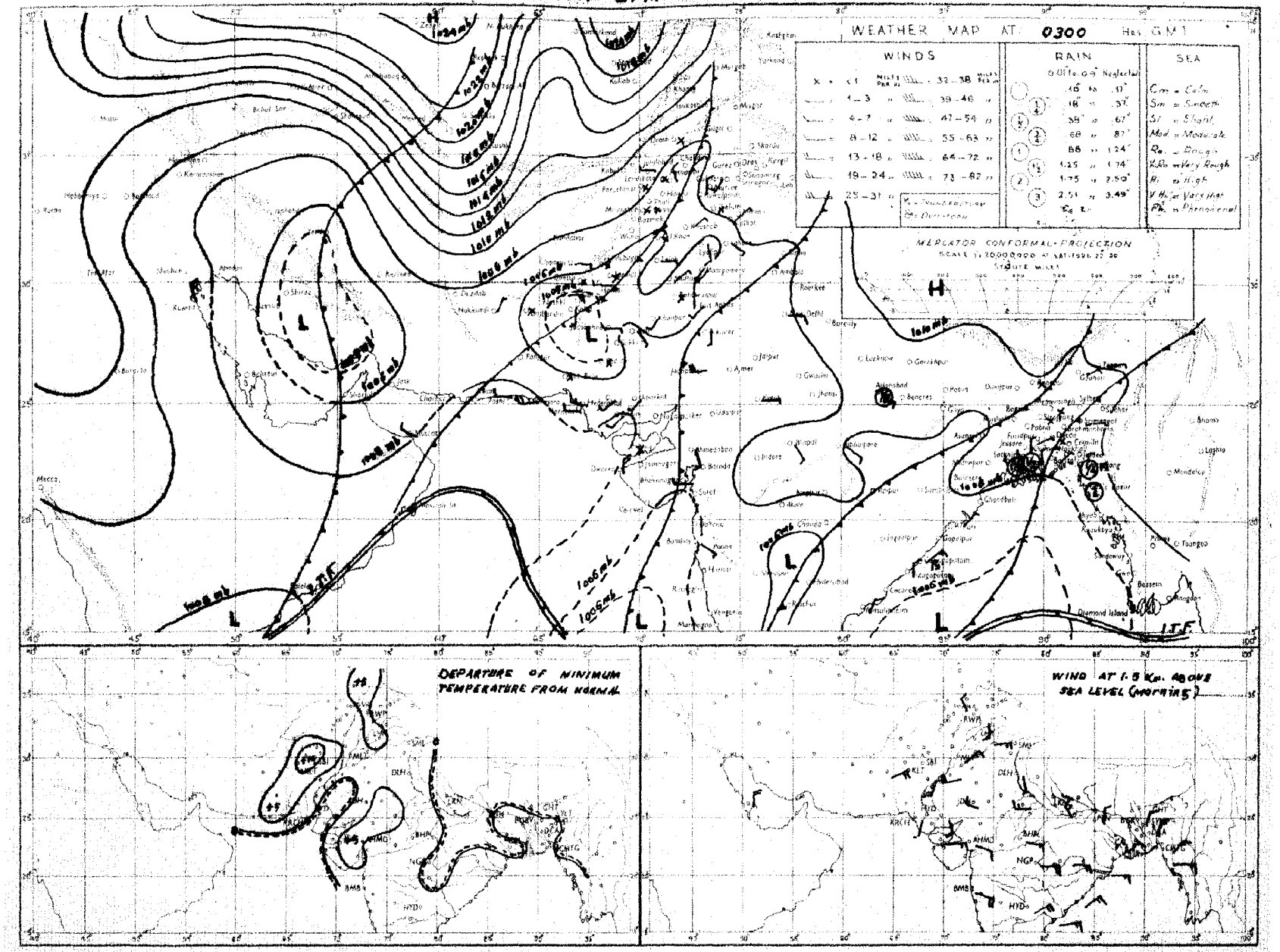
WEDNESDAY 26th SEPTEMBER 1951



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 27th: SEPTEMBER 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 FRIDAY, THE 28TH SEPTEMBER, 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 Kanara coasts persists.

Ships observations are lacking but believe yesterday's trough of low in the south and the central Bay of Bengal has concentrated into depression centred at 0300 G.M.T. within one degree latitude 13°N and longitude 83°E. It is likely to intensify further and move westnorthwestwards initially.

Latest observations from East Pakistan are lacking. Scattered thunderstorms/showers have occurred in East Pakistan. Barisal ¾" and Jessore ¼" of rain.

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

Forecast valid until the evening of 29th :—Local thunderstorms/showers will occur in East Pakistan. Scattered thunderstorms are also likely to occur in the upper North-West Frontier Province, Kashmir and the adjoining north Punjab.

Day temperatures will rise appreciably to markedly in lower Sind.

Karachi-II.
The 28th September, 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 78	0 00 00	96 00	1 054 88	0 0 9 0 0	- - - 92	000 79	0 00 00	97 00	1 094 97	0 0 9 0 0	- - - 78	+ 5	+ 3	94 4	- 14 4	104 0	140
	Chittagong	000 79	5 00 00	97 02	1 048 86	1 1 6 9 0	- - x 89	000 76	1 05 02	97 02	1 090 86	1 0 7 9 0	0 x 9 75	+ 2	- 1	88 2	+ 11 3	117 9	108
	Noakhali	000 73	5 00 00	95 02	2 xx- 87	1 1 5 9 2	- x x 89	002 81	7 00 00	95 03	6 xxx 84	4 2 5 2 4	- - - 81	+ 5	—			—	115
	Comilla	000 77	4 23 02	98 02	1 048 87	2 5 7 0 4	- x - 89	000 88	5 05 02	9- 01	4 996 87	2 2 7 0 2	- - 80	+ 1	+ 4	91 6	+ 29 0	90 0	94
	Brahmanbaria	000 79	0 00 00	97 00	1 036 90	0 0 9 0 0	- - 92	000 79	1 23 02	97 01	1 095 90	0 0 9 0 1	0 4 x 81	-		48.0	+ 0 5	57 9	78
	Dacca	000 80	4 00 00	97 02	1 045 88	3 8 5 1 0	8 x 9 92	000 80	4 00 03	98 03	1 088 86	2 1 5 0 1	4 9 6 79	--		—		—	--
	Narayanganj	000 79	2 00 00	96 01	0 035 88	0 0 9 0 1	9 x - 96	000 76	5 05 02	95 05	1 057 91	4 5 5 0 1	9 0 x 81	+ 6	+ 3	57 0	+ 9 1	75 9	74
	Mymensingh							000 78	0 00 00	99 00	0 101 84	0 0 9 0 0	- - 79		+ 2	39 5	23 0	47 6	91
	Srimangal	000 81	3 00 00	96 02	1 043 87	0 0 9 0 3	- x - 93	000 73	3 00 00	98 02	1 10x 89	2 2 6 0 1	- - - 72	+ 2	- 2	63.0	+ 4 7	91.0	98
	Khulna	000 73	1 13 02	97 02	0 054 85	1 8 9 0 0	- - - 91	000 79	2 02 02	97 02	0 096 87	2 1 8 0 0	- - - 80	+ 3	+ 3	41.2	7 0	49 7	69
	Satkhira	000 82	2 00 00	97 03	1 061 85	2 4 7 6 0	- - x 92	000 78	4 13 02	97 02	1 102 87	2 4 6 6 0	- 78	+ 5	+ 2	29 3	16 8	36 0	65
	Jessore	000 73	4 16 02	94 08	2 057 85	4 8 6 0 0	- 95	020 77	1 06 06	97 01	6 090 87	0 0 9 5 0	9 x x 75	—		31 2	12 4	35 3	60
	Faridpur	000 77	3 00 00	95 02	0 046 87	2 5 7 0 8	9 6 - 91	000 78	3 00 00	97 02	0 093 87	2 5 7 1 0	9 x 7 80	+ 4	+ 2	48.2	3 3	49.6	71
	Barisal	050 80	3 00 00	97 01	9 049 86	0 0 9 2 8	4 x x 91	050 70	2 00 00	98 01	1 093 88	1 1 6 4 0	- - 78	+ 3	0	48 6	7 3	59 3	83
	Pabna																		60
	Rampur Boalia																		56
	Sirajganj							000 80	3 00 00	99 02	1 087 88	2 1 6 0 0	- - - 80		+ 3	45.9	+ 1 3	55 9	64
	Bogra	000 77	2 00 00	94 01	1 045 88	0 0 9 0 1	- x - 91	000 77	2 02 02	96 01	1 093 86	0 0 9 0 1	- - - 78	+ 8	+ 1	32.6	17 0	39.0	69
	Dinajpur	000 78	0 00 00	97 00	0 050 89	0 0 9 0 0	- - - 93	000 77	0 00 09	97 00	0 107 86	0 0 9 0 0	- - - 78	+ 6	+ 1	41 1	14 3	46.4	72
	Rangpur	000 xx	0 09 02	93 00	1 — —	0 0 9 0 0	- - - xx	000 xx	0 00 00	98 00	1 — —	0 0 9 0 0	- - - —	—	—	65.0	4.0	74 3	84
KASHMIR	Srinagar †																		-
	Gulmarg ††																		-
	Sonamarg ††																		-
	Dras †																		-
	Leh ††																		-
	Skardu †																		-
	Gilgit *																		-
	Misgar																		-
	Aliabad																		-
PUNJAB	Lyallpur	000 64	0 00 00	98 00	0 039 97	0 0 9 0 0	- - - 90	000 65	0 16 02	98 00	0 078 82	0 0 9 0 0	- - - 77	+ 1	+ 7	5.9	3.2	10 2	18
	Lahore	000 68	0 06 00	96 00	0 037 95	0 0 9 0 0	- - - 01	000 67	1 13 03	xx xx	1 038 84	0 0 9 4 0	4 0 77	+ 3	+ 9	10 6	3 8	14 7	19
	Sialkot	000 68	0 31 02	97 00	0 032 95	0 0 9 0 0	- - - 98	000 68	5 09 02	97 02	1 085 85	5 0 8 6 0	- - x 78	+ 3	+ 8	18.8	9.6	18.7	28
	Jhelum	000 66	1 16 02	97 01	1 023 95	1 1 7 0 0	- - - 98	000 67	2 11 06	97 03	0 096 85	0 0 9 3 0	- - x 74		—	16 5		25 8	—
	Rawalpindi	000 66	0 00 00	99 00	0 024 92	0 0 9 0 0	- - - 97	000 63	3 09 02	98 01	1 096 82	0 0 9 3 0	- - x 72	+ 4	+ 7	14 0	8 5	25 7	30
	Murree †	000 55	3 29 03	96 01	1 967 69	3 1 4 0 0	8 x x 73	000 64	6 13 03	96 02	1 997 64	0 0 9 5 0	9 4 68	+ 8	+ 5	21.9	18.5	43 5	59
	Attock	xxx xx	0 09 05	97 00	0 —	0 0 9 0 0	- - - —	xxx xx	0 13 00	98 00	0 — —	0 0 9 0 0	- - - xx	—				—	
	Khushab	000 48	0 16 05	98 00	0 032 98	0 0 9 0 0	- - - 00	000 68	0 09 05	98 00	0 089 82	0 0 9 0 0	- - - 76	+ 2	+ 5	8 0	7 3	8.0	15
	Montgomery	000 62	0 09 01	97 00	0 028 99	0 0 9 0 0	- - - 02	000 69	0 13 03	96 00	0 079 84	0 0 9 0 0	- - - 77	+ 3	+ 5	2.5	4 9	6.1	10
	Leiah	000 80	0 05 02	97 00	0 028 03	0 0 9 0 0	- - 05	000 72	0 18 02	97 00	0 071 88	0 0 9 0 0	- - - 78	—	—	0.0		6 6	8
	Multan	000 66	0 31 02	97 00	0 025 02	0 0 9 0 0	- - - 04	000 76	0 13 02	96 00	0 073 85	0 0 9 0 0	- - - 79	+ 6	+ 6	3 8	1.1	6 9	7
	Khanpur	000 76	0 23 05	96 05	0 088 03	0 0 9 0 0	- - - 05	000 67	0 81 02	94 04	0 061 79	0 0 9 0 0	- - - 72	+ 5	0	0 3	4 5	1 9	6
	Bahawalpur	000 69	0 00 00	97 00	0 022 03	0 0 9 0 0	- - - 04	000 66	0 11 01	97 00	0 064 80	0 0 9 0 0	- - - 76	+ 5	+ 6	1 9	2.3	5 0	9
	Fort Abbas	000 95	0 23 05	96 00	0 013 05	0 0 9 0 0	0 x x 07	000 60	2 03 02	96 00	0 065 80	0 0 9 0 0	0 x x 76	—		2 8	—	3.7	8
N. W. F. P.	Drosh *	000 49	3 25 01	98 03	1 921 87	3 3 6 0 0	3 x x 91	000 52	0 00 00	99 00	1 988 70	0 0 9 0 9	0 x x 67	+ 7	+ 7	1.8	-	22 0	18
	Chakdara	000 62	0 26 03	99 00	0 021 91	0 0 9 0 0	- - - 98	000 60	0 18 03	95 00	0 089 73	0 0 9 0 0	- - - 68		—	6 5	—	18 8	
	Cherat *	000 47	6 16 05	97 00	0 966 85	0 0 9 0 0	- - - 88	000 56	0 16 05	97 00	0 991 74	0 0 9 0 0	- - - 71	+ 5	+ 3	6.0	6 0	28.0	29
	Peshawar	000 61	0 05 05	95 05	0 028 92	0 0 9 0 0	- - - 95	000 65	0 29 02	95 05	0 084 79	0 0 9 0 0	- - - 72	+ 2	+ 5	1 3	3 1	8 6	14
	Parachinar	000 47	1 13 02	99 01	1 968 80	1 1 8 0 0	4 x x 64	000 45	0 00 00	99 00	1 987 71	0 0 9 0 0	- - - xx	+ 6		9 3		26 8	29
	Miranshah	000 54	0 07 05	95 05	4 248 92	0 0 9 0 0	- - 98	000 55	0 00 00	00 00	0 983 76	0 0 9 0 0	- - - 70	—	—	3.6	1 2	10 5	13
	Bannu	000 68	0 07 02	99 00	0 031 96	0 0 9 0 0	- - - 90	000 68	0 00 00	99 00	0 073 78	0 0 9 0 0	- - - 74	—		0.9		5.6	11
	D. I. Khan	000 66	0 00 00	96 03	0 026 00	0 0 9 0 0	- - - 01	000 64	0 00 00	96 00	0 084 75	0 0 9 0 0	- - - 75	+ 3	+ 4	1.1	4 3	2.8	9
	Wana																		11
	Landikotal	000 66	0 13 03	97 05	0 940 86	0 0 9 0 0	- - - 88	000 48	0 00 00	98 05	0 974 78	0 0 9 0 0	- - - 68		—	2.4		12 0	-
	Hangu	xxx x	0 00 00	97 00	0 — —	0 0 9 0 0	- - - xx	xxx xx	0 00 09	97 00	0 — —	0 0 9 0 0	- - - xx	—	—	—	—	—	-
	Thull	xxx xx	0 37 09	99 00	0 — —	0 0 9 0 0	- - - xx	xxx xx	0 18 09	99 00	0 —	0 0 9 0 0	- - - xx	—	—	—		—	-
BALUCHISTAN	Fort Sandeman	000 37	0 00 00	97 05	0 927 93	0 0 9 0 0	- - - 96	000 40	0 00 00	96 05	0 978 70	0 0 9 0 0	- - - 65	+ 6	+ 4	4.1	0.9	10 0	11
	Hindubagh	000 21	2 27 09	99 03	1 951 86	0 0 9 8 0	7 x 0 90	000 34	0 27 09	98 00	0 952 73	0 0 9 0 0	- - - 69	—	—	0.2	—	8.5	-
	Loralai	000 62	0 18 09	96 00	0 961 86	0 0 9 0 0	- - - 93	000 42	0 00 00	97 00	0 980 69	0 0 9 0 0	- - - 60	—	—	1.7	—	8 1	-
	Harnai (s)	000 xx	0 09 02	96 00	0 — —	0 0 9 0 0	- - - —	000 xx	0 27 02	97 00	0 — —	0 0 9 0 0	- - - xx		—	2 0	5.4	10.6	14
	Sibi	000 39	2 23 05	95 01	1 005 08	2 2 7 0 0	- - - 98	000 49	0 00 00	98 00	0 058 85	0 0 9 0 0	- - - 77	—	—	2.2	—	3.8	6
	Quetta †	000 31	1 02 03	99 01	0 963 85	0 0 9 3 0	- - - 89	000 38	0 00 00	97 00	0 979 61	0 0 9 0 0	- - - 47	—	—	0.3	0 2	9.3	9
	Chaman	000 77	0 23 02	97 00	0 947 92	0 0 9 0 0	- - - 94	000 61	0 13 02	97 00	0 997 74	0 0 9 0 0	- - - 65	+ 7	+ 6	0	0 2	9.6	8
	Nushki	000 46	0 27 14	97 00	0 000 99	0 0 9 0 0	- - - 00	000 44	0 00 00	97 00	0 045 77	0 0 9 0 0	- - - 75		—	0	—	3 4	-
	Dalbandin *	000 38	1 00 00	98 03	1 902 99	1 1 7 0 0	- - - 01	000 42	0 05 03	98 00	0 998 69	0 0 9 0 0	- - - 64	+ 4	+ 6	0	0.8	1.8	4
	Nokkundi	000 71	0 00 00	99 00	0 004 32	0 0 9 0 0	- - - 96	000 74	0 00 00	96 05	0 093 74	0 0 9 0 0	- - - 70	—	—	0	—	0.0	5
	Kalat †	000 80	4 31 05	98 03	1 975 81	0 0 9 4 0	9 9 4 86	000 57	0 13 05	96 00	0 999 57	0 0 9 0 0	- - - 52	+ 6	+ 3	0.8	0 4	9.7	7
	Turbat	000 66	4 20 03	97 03	0 086 05	0 0 9 2 0	4 9 x 06	000 72	0 xx xx	96 00	0 093 65	0 0 9 0 0	- - - 80	—	—	0		1 4	-
	Panjgur †	000 33	0 36 02	97 00	0 947 05	0 0 9 0 0	- - - 98	000 44	0 05 02	97 00	0 984 78	0 0 9 0 0	- - - 60	+ 4	+ 5	0	—	2.2	5
	Las Bela	000 71	0 18 04	99 00	0 038 04	0 0 9 0 0	- - - 06	000 66	0 00 00	99 00	0 030 82	0 0 9 0 0	- - - 69	—	—	1.6		1.7	8
	Ormara	000 77	1 25 18	97 01	0 078 65	1 1 6 9 0	- - - 85	000 76	0 00 00	97 00	0 082 79	0 5 6 0 0	- - - 74	—	—	0.2	0 5	3 0	8
	Pasni	000 78	0 25 09	98 00	0 040 34	0 0 9 0 0	- - - 91	000 77	0 27 03	xx 43	4 064 77	0 0 9 0 0	- - - 73	0	+ 2	9 8	0 1	4.9	6
	Jiwani																		4
SIND	Rati	000 80	0 31 09	96 00	0 025 05	0 0 9 0 0	- - - 00	000 66	0 09 02	96 00	0 065 82	0 0 9 0 0	- - - 72	—		1.7	—	2.2	-
	Jacobabad	000 51	0 13 03	98 00	0 021 04	0 0 9 0 0	- - - 07	000 57	0 23 09	97 00	0 066 82	0 0 9 0 0	- - - 71	+ 6	2	0.2	2.0	0.7	4
	Sukkur	000 67	0 xx xx	96 00	0 024 02	0 0 9 0 0	- - - 06	000 69	0 xx xx	96 00	0 065 81	0 0 9 0 0	- - - 78			0.5	—	1.0	4
	Pad Idan	000 78	0 33 05	95 00	0 026 06	0 0 9 0 0	- - - 00	000 57	0 18 06	99 00	0 051 87	0 0 9 0 0	- - - 72	—		0.5	—	0.0	
	Karachi (Manora)	000 77	0 25 00	98 00	0 044 81	0 0 9 0 0	- - - 86	000 75	0 00 00	98 00	0 073 78	0 0 9 0 0	- - - 75	0	- 1	1 5	- 4 5	1 0	3
	Karachi (A. P.)	000 79	0 28 09	97 00	0 042 94	0 0 9 0 0	- - - 03	000 75	0 00 00	96 00	0 076 79	0 0 9 0 0	- - - 73	—	—	2.9	—	3.0	
	Badin	000 69	0 28 05	97 00	0 043 04	0 0 9 0 0	- - - 05	000 74	0 31 05	96 00	0 092 80	0 0 9 0 0	- - - 75	+ 9	+ 1	7.0	- 0.2	7.0	7
	Nagarparkar																		
	Chhor (Umarkot)	000 77	0 31 05	97 00	0 026 06	0 0 9 0 0	- - - 10	000 71	0 34 05	97 00	0 030 83	0 0 9 0 0	- - - 75	—	—	2.1	—	2.1	
	Hyderabad	000 86	0 32 05	97 00	0 034 05	0 0 9 0 0	- - - 08	000 82	0 23 02	97 00	0 059 79	0 0 9 0 0	- - - 76	+ 9	+ 1	1.8	- 4 3	2.9	7
[illegible]	[illegible]																		34
AFGHANISTAN	Kabul	000 45	1 02 03	98 01	0 001 98	1 8 3 1 0	- - - 88	000 19	1 16 02	98 01	0 006 56	0 0 9 0 0	- - - 53	—	—	0.7	—	10 5	12
	Jalalabad	000 57	1 07 02	98 01	0 009 98	0 0 9 7 0	2 x 9 97	000 62	1 00 00	96 01	1 996 75	0 0 9 0 1	3 9 x 70	—	—	0.5	—	0.9	-
	Kandahar	000 49	0 23 05	98 00	0 017 88	0 0 9 0 0	- - - 07	000 47	0 00 00	97 00	0 057 56	0 3 9 0 0	- - - 60	—	—	0	—	10.5	-

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR FRIDAY, THE 28TH SEPTEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_sD_wT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	$W_1D_sD_wT_xT_n$	Departure from Normal T_x T_x	T_n T_n	Rainfall Since 1st June '51 to date	Deficiency 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
	Manjee																		10
	Bushire																		11
Arabia	Muscat	000 79	0 31 02	97 00	0058 86	0 0 0 0 0	- - - 88	000 77	0 00 00	96 00	0 027 84	0 0 0 0 0	- - - xx	- 2	—	0	- 0.1	3.3	4
	Sharjah	000 xx	0 00 00	98 00	0082 90	0 0 0 0 0	- - - 01	000 xx	0 25 02	97 00	0 094 87	0 0 0 0 0	- - - 79	—	—	0	—	1.5	4
	Kuwait																		6

* Barometer readings reduced to 1 geodynamic Kilometre 2,350-2,356 feet according to latitude.
† Barometer readings reduced to 5 geodynamic Kilometre 5,690-5,712 feet according to latitude.
†† Barometer readings reduced to 5 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 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 sppp	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										
Strathmore	58 157	550 00	1 10 08	98 03 0	084 78	15 5 00	2 6 800	8 1 820	0 58 78	2 xx xx
Durban Castle	58 107	515 00	0 10 10	98 08 0	048 74	00 0 00	4 0 875	—	0 58 73	1 10 33
Jalaratna	58 119	748 06	8 22 10	98 20 1	078 88	58 5 78	—	—	—	—
Shwedagon	58 218	456 06	0 21 18	98 00 0	094 xx	00 0 00	—	—	—	—
Shedrecht	58 188	6-8 06	4 25 09	98 02 1	078 88	41 6 00	—	—	0 58 79	1 32 33
Palavallahd	58 000	641 09	8 27 18	98 18 2	054 79	—	—	—	—	—
Shedrecht	58 288	653 08	0 34 08	98 08 0	070 81	00 0 00	0 5 885	—	0 58 77	1 26 21
Bharatraja	58 198	722 18	8 21 07	98 02 1	067 87	81 7 xx	—	—	—	—
Dara	58 199	713 18	0 32 04	98 00 0	060 85	00 0 00	7 5 880	—	0 01 81	1 30 xx
Jalaratna	58 170	752 12	8 22 10	98 16 5	071 88	68 5 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
Karachi	780 16	008 28	882 60	000 16	282 45	854 91	240 81	700 38	126 26

STATION	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Karachi	509 83	949 97	558 55	189 61	821 44	839 05	290 83	668 00	290 85	456 00	059 91	494 01	679 97	828 80	618 84	—

PPP—Pressure in hundreds, tens and units of millibars. FF—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
Bagri	09 04	07 53	07 01	10 02	01 01	—	—	—	—	—	03 03	01 08	01 07	34 04	16 04	xxxx	03 08	03 09	04 03	06 07	06 07	11 03	08 03	—
Dhno	24 09	25 07	23 08	21 04	17 08	18 04	09 17	09 10	06 09	27 09	—	—	—	—	—	—	27 10	26 11	26 08	16 04	15 10	18 07	07 27	08 19
Chittagong	09 03	03 10	06 19	08 06	17 08	—	—	—	—	—	29 04	27 02	26 03	28 04	19 04	07 08	04 13	04 12	06 09	01 04	02 07	07 18	11 08	08 02
Cox's Bazar	16 06	15 04	07 03	11 07	13 06	12 10	—	—	—	—	22 08	22 02	16 03	16 07	—	—	01 10	01 11	02 12	07 06	11 06	11 18	14 09	—
Dacca	03 03	07 03	—	—	—	—	—	—	—	—	05 01	03 03	05 04	07 04	06 04	—	03 04	03 06	05 05	05 04	07 03	10 07	12 08	08 07
Dalbandin	—	—	07 05	01 04	20 01	07 01	15 03	03 05	04 10	23 08	—	—	07 09	02 09	07 06	02 05	—	—	07 15	16 11	19 06	05 05	03 07	04 09
Drosh	—	—	—	—	22 04	21 08	18 07	14 09	—	—	—	—	—	12 05	21 06	15 03	—	—	—	—	21 03	21 08	21 18	26 12
Fort Sandeman	—	—	—	03 05	21 02	20 06	16 07	—	—	—	—	—	—	04 07	00 04	20 18	—	—	—	21 02	21 04	18 17	13 07	14 03
Kaco bahar	22 11	23 17	22 17	23 17	23 07	23 04	09 18	08 07	04 02	01 07	21 30	23 17	22 16	21 20	21 04	01 02	23 44	22 18	23 21	23 13	23 06	20 03	11 17	03 04
Peshing	16 02	20 03	16 08	06 01	23 10	24 14	23 03	21 11	—	—	xxxx	22 19	26 06	25 05	20 06	27 04	19 08	13 15	15 13	17 19	16 09	35 07	29 11	27 08
Piwani	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	23 16	23 14	21 09	21 09	21 06	21 09	22 10	11 24	01 12	—	25 14	24 09	24 09	25 07	22 05	—	21 26	20 14	27 14	19 08	17 07	10 06	08 15	—
Khanpur	26 19	25 17	25 21	26 20	24 17	23 08	—	—	—	—	27 18	27 20	26 20	26 17	27 15	00 12	26 19	28 18	28 20	27 23	28 14	—	—	—
Lahore	15 01	16 03	11 06	03 06	26 05	15 13	24 07	16 08	10 06	25 02	17 02	18 07	24 02	02 08	01 18	—	16 08	15 16	16 14	11 08	08 19	03 15	23 14	25 06
Multan	07 10	08 12	09 11	03 07	21 04	23 12	23 15	25 08	25 04	25 07	11 31	11 28	12 11	21 01	20 19	20 10	16 19	12 17	11 19	04 24	03 21	23 15	03 03	25 07
Peshawar	—	05 03	16 02	22 05	20 08	21 04	20 06	20 09	24 15	26 10	—	—	01 06	24 09	27 05	18 02	—	—	—	21 09	24 07	27 05	20 14	—
Quetta	—	—	—	—	26 07	23 04	20 02	16 06	21 09	20 10	—	—	—	—	—	22 18	—	—	—	—	25 06	21 11	21 19	—
Rushire	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Cloud Observation Data (iiiGG Cddv, v,)

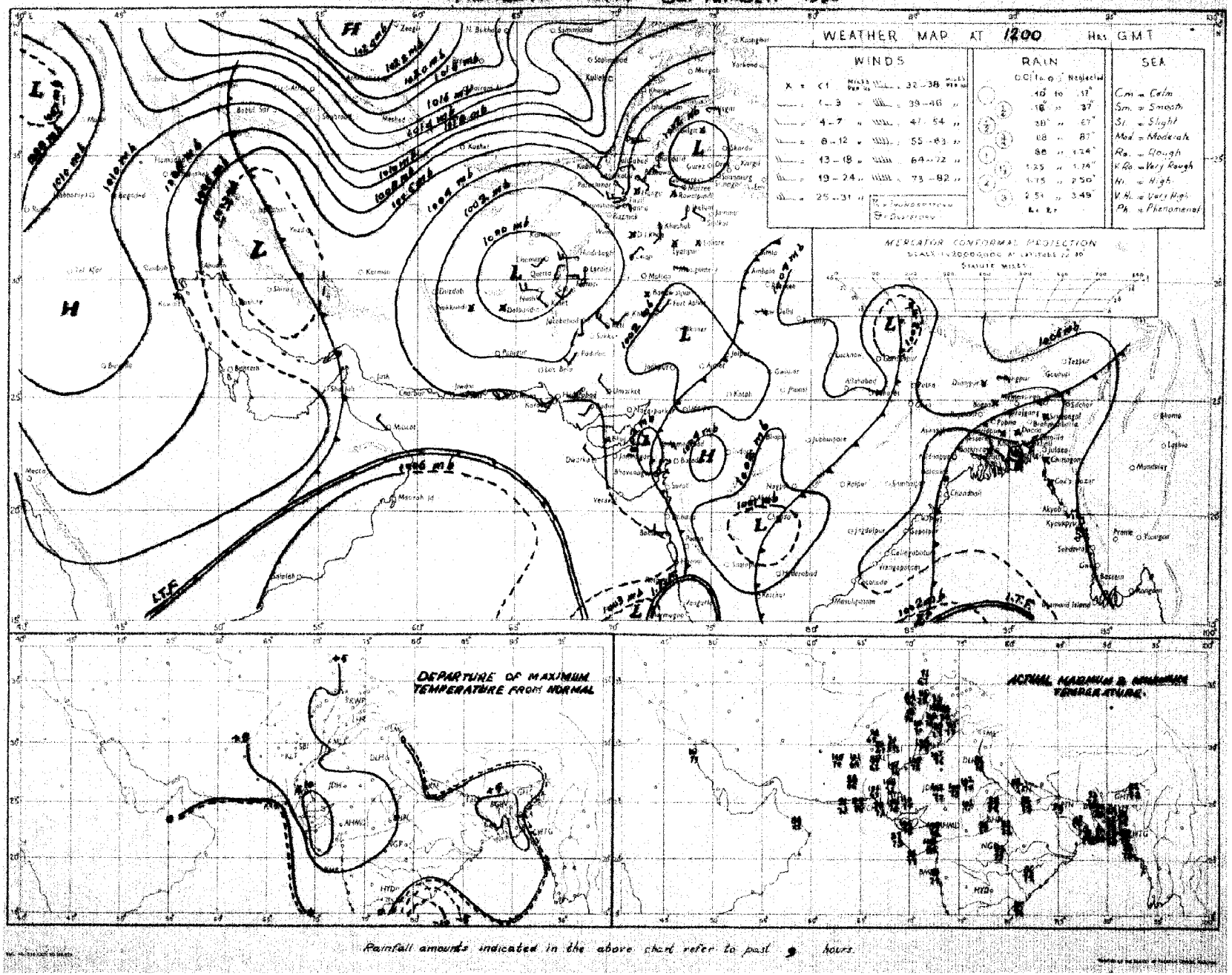
Dacca 01703 13406

* 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 relate are 0.5, 1.0, 1.5, 2.1, 3.0 4, 4 6 9, 7 5, and 9.0 km. The terms given at the head of the columns are the nearest equivalent levels in thousands.

N. P. W.

PAKISTAN DAILY WEATHER MAP

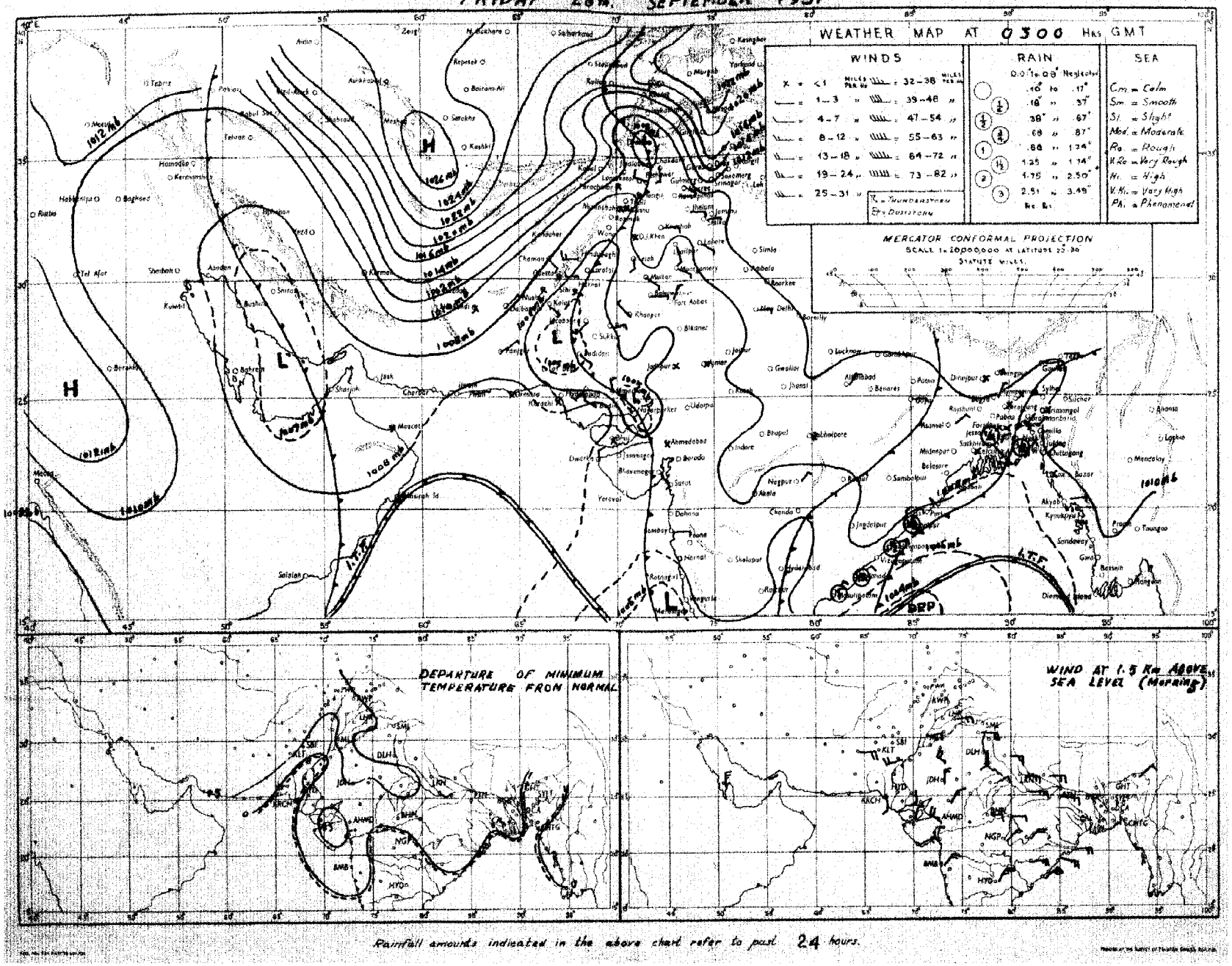
THURSDAY 27th SEPTEMBER 1951



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 28th. SEPTEMBER 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 29TH SEPTEMBER, 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 Kathiawar to east Arabian Sea.

The depression in west central Bay of Bengal is centred at 0300 G.M.T. today within one degree latitude 14°N and longitude 86°E. It is likely to intensify and move in some northerly direction.

Pressure gradient is steepening over west Baluchistan

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

Latest observations from East Pakistan are meagre. Scattered thunderstorms have occurred in East Pakistan.

Day temperatures were considerably above normal in lower Sind and generally appreciably above normal elsewhere over the country.

Forecast valid until the evening of 30th :—Scattered thunderstorms/showers will occur in southern districts of East Pakistan and scattered thunderstorms in the upper North-West Frontier Province, Kashmir and the adjoining north Punjab.

Day temperatures will rise appreciably to markedly in Sind and Baluchistan during the next two to three days.

Karachi-11.
The 29th September, 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			
																		Since 1st June 51 to date	Departure from normal	Since 1st Jan 51 to date	Annual normal
17	2	3	4	5	6	7	8		9	10	11	12	13	14		15	16	17	18	19	20
EAST PAKISTAN	Dacca																				
	Faridpur																				
	Rajshahi																				
	Jessore																				
	Comilla																				
	Sylhet																				
	Chittagong																				
	Kutubdia																				
	Rangamati																				
	Akyab																				
	Cox's Bazar																				
	Patuakhali																				
	Barisal																				
	Bogra																				
	Rangpur																				
	Dinajpur																				
	Saidpur																				
KASHMIR	Srinagar																				
	Gulmarg																				
	Banihal Top																				
	Bandipur																				
	Leh																				
	Kargil																				
	Skardu																				
	Gilgit																				
	Astore																				
PUNJAB	Lyallpur																				
	Lahore																				
	Sialkot																				
	Jhelum																				
	Rawalpindi																				
	Murree																				
	Attock																				
	Khushab																				
	Montgomery																				
	Leyah																				
	Multan																				
	Khanpur																				
	Bahawalpur																				
	Fort Abbas																				
N. W. F. P.	Dir																				
	Chitral																				
	Peshawar																				
	Parachinar																				
	Kohat																				
	Bannu																				
	D. I. Khan																				
	Wana																				
	Landikotal																				
	Kalat																				
	Thall																				
BALUCHISTAN	Fort Sandeman																				
	Bamboogh																				
	Loralai																				
	Harnai																				
	Sibi																				
	Quetta																				
	Dhanian																				
	Kushki																				
	Dalbandin																				
	Nokkundi																				
	Kalat																				
	Zhob																				
	Fanglagur																				
	Las Bela																				
	Pasni																				
	Jiwani																				
SIND	Sukkur																				
	Jacobabad																				
	Dadu																				
	Padidan																				
	Karachi (Airport)																				
	Karachi (Civil)																				
	Hyderabad																				
	Mirpurkhas																				
	Umerkot																				
	Nawabshah																				
	Tharparkar																				
Jammu & Kashmir	Kabul																				
	Jalalabad																				
	Kandahar																				

See footnote on page 2

P. T. O.)

PAKISTAN DAILY WEATHER REPORT

FOR SATURDAY, THE 29TH SEPTEMBER, 1951

Division	STATION	At 1200 Hrs. G. M. T. of previous day. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_xT_n$	At 0300 Hrs. G. M. T. of date. RRR T_dT_d	N dd ff	VVwwW	PPPTT	$N_h C_L hC_M C_H$	$W_1D_HD_MT_nT_n$	Departure from Normal T_xT_x	Departure from Normal T_nT_n	Rainfall Since 1st June 52 to date	Rainfall Departure from normal	Rainfall Since 1st Jan. 52 to date	Annual Normal
8	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charba	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Jask	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Masned	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
	Bushire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Arabia	Muscat	000 77	0 00 02	97 00	0057 88	0 0 9 0 0	... 03	000 78	0 00 02	97 00	0081 84	0 0 9 0 0	... xx	+ 2	...	0	- 0.1	3.3	4
	Bahrain	000 xx	0 00 00	96 00	0054 85	0 0 9 0 0	... 07	000 xx	0 27 03	97 00	0089 89	0 0 9 0 0	... 32	...	...	0	...	1.5	5
	Kuwait																		

* Barometer readings reduced to 1 geopvna nic Kilometre 3,560-3,856 feet according to latitude.
† Barometer readings reduced to 2 geopvna nic Kilometre 6,699-6,718 feet according to latitude.
†† Barometer readings reduced to 3 geopvna nic Kilometre (10,049-10, 080 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 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 awaited.
Wherever 000 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	$N_h C_L hC_M C_H$	$D_s v_s$ app	8 N_s Ch h_s	0 $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Strathmore	63 173	854 09	3 01 02	99 02 1	069 81	81 4 00	2 6 818	8 8 820	0 81 75	1 01 0x
Bombay	63 196	703 06	6 24 04	98 02 7	081 86	84 8 80	2 4 817	...	...	...
Bharatraja	63 208	706 04	2 00 03	95 01 1	044 87	2x 7 8x	...	...	...	...
Jalaratna	62 046	744 06	6 24 18	96 04 6	070 82	48 5 0	...	...	...	...
Beete	63 135	741 06	7 27 05	98 01 1	072 82	82 3 77	2 6 014	...	0 81 74	1 22 82
Markhor	63 077	754 06	8 26 02	98 18 2	082 78	82 7 20	0 4 003	...	0 86 78	1 20 84
Jaljawahar	63 214	697 06	0 29 02	94 00 0	089 83	00 0 00	7 5 xxx	...	...	...
Dara	63 217	691 06	0 02 04	96 00 0	079 84	00 0 00	6 6 810	...	0 86 76	...
Orange	63 084	841 06	7 29 02	95 50 5	091 82	49 5 7x	5 7 108	...	0 12 74	1 07 80
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTxoXiXi	PiPihihihi	TiTiTdiTdiTxi etc.	5555	hihiPiPiPi	TiTiTdiTdiTxi etc.
1	2	3	4	5	6	7	8	9	10	11
Karachi	760 17	004 29	251 60	000 19	272 36	854 95	280 57	700 44	155 31	509 44	559 94	302 01	799 90	555 55	309 11	211 03	959 00	300 94	678 00	220 35	476 00	016 32	715 49	998 99	51600

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 (Hdddff)*

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	35	1	5	8	6	7	10	1	1	2	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
Jacobabad	20 05	16 06	24 08	21 09	26 06	36 06	11 07	01 03	02 13	33 13	09 21	11 09	20 06	20 04	22 06	31 07	09 22	10 18	27 07	27 05	25 02	31 08	07 14	09 13
Sheikhupura	17 01	17 01	17 08	16 03	16 08	28 12	32 11	30 11	30 11	26 16	11 09	19 06	20 09	19 04	25 11	34 07	11 01	17 08	16 06	21 07	20 05	01 16	38 15	09 16
Karachi	27 08	28 08	29 07	29 05	18 04	19 19	09 09	30 08	02 10	28 22	29 14	27 12	26 11	26 06	25 09	23 18	22 17	22 19	28 12	27 04	18 07	07 01	07 28	08 16
Khanewal	31 04	29 10	29 13	29 17	34 14	03 16	14 07	...	...	...	06 15	05 10	08 08	05 00	32 10	35 15	06 15	05 17	01 19	01 12	32 10	01 13	07 11	...
Lahore	09 06	07 09	07 07	07 07	07 10	08 12	04 12	02 07	23 07	...	10 09	11 08	12 06	09 03	04 08	02 05	19 09	17 09	15 05	14 04	27 12	05 10	30 05	09 10
Multan	11 10	10 12	10 11	09 13	08 13	25 13	26 04	21 05	29 07	...	09 13	09 12	06 10	04 13	04 10	32 10	11 10	10 12	08 15	05 13	04 04	32 21	07 24	25 05
Peshawar	...	06 04	09 06	15 07	12 06	26 08	27 14	27 21	27 04	16 24	...	07 04	10 04	25 09	28 10	10 06	...	21 06	25 09	25 08	24 07	26 09	37 17	37 18
Quetta					23 10	24 31	25 17	31 13	28 04	29 09					31 10	34 13					29 05	31 12	09 13	...
Bushire											...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shariat																								

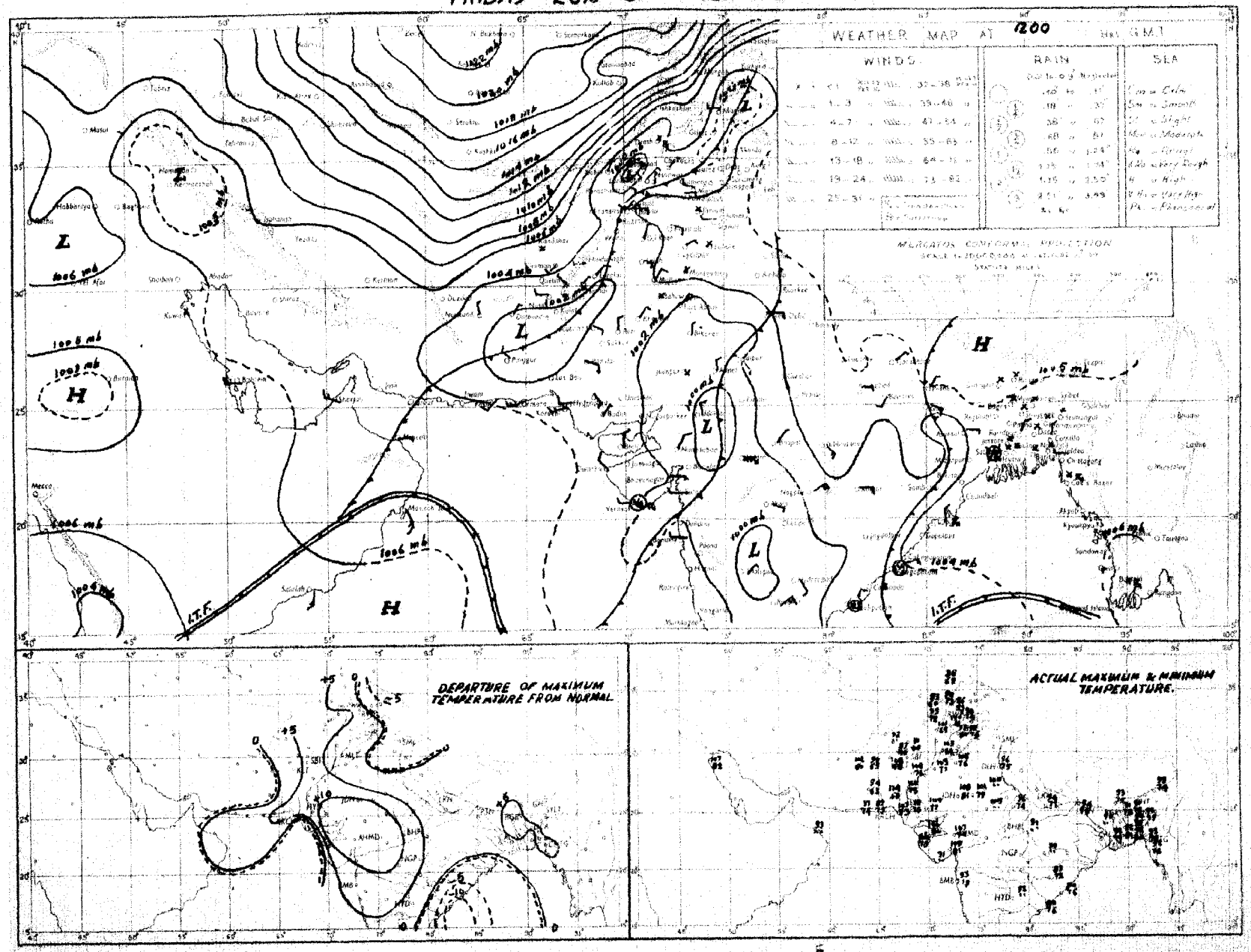
Cloud Observation Data (iiiGG Cddv, v,)

* 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, 0.9, 1.5, 2.1, 3.0 & 4.5 G. P. h. are 0.5 km. The levels given at the head of the columns are the nearest approximate levels in kilometres.

S. P. W.

PAKISTAN DAILY WEATHER MAP

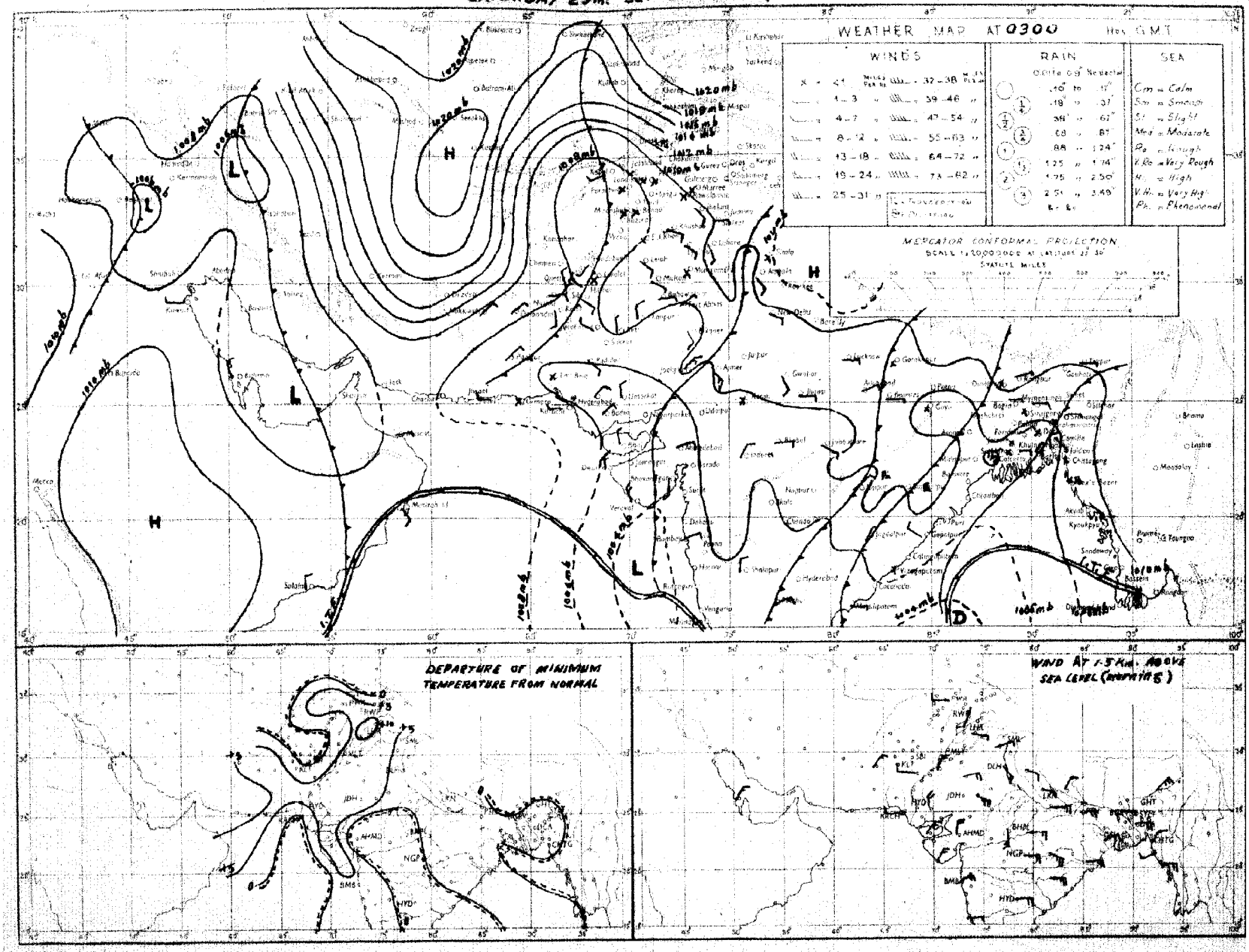
FRIDAY 28th SEPTEMBER 1951.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 29th SEPTEMBER 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

LIBRARY
WEATHER BUREAU

FOR SUNDAY, THE 30TH SEPTEMBER, 1951

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

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

The trough in East Arabian sea has concentrated into a shallow depression off Konkan Kathiawar coast.

The Bay of Bengal depression has moved northwards and is centred at 0300 G.M.T. to-day within one degree [illegible] and longitude 86½°E. It is likely to move north-northeastwards.

A low pressure wave is moving eastwards across Iraq.

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

Cheif amounts of rainfall are :—Comilla 3″; Satkhira 1″; Narayanganj ½″ and Cox's Bazar, Jessore and Faridpur ½″ each.

Day temperatures were markedly to considerably above normal in lower Sind and south Baluchistan and generally appreciably above normal elsewhere over the country.

Forecast valid until the evening of 1st :—Fairly widespread rain/thundershowers will occur in East Pakistan. Thundery conditions may develop in the North-West Frontier Province and Kashmir. Spell of hot weather will continue in lower Sind and south Baluchistan for the next two to three days.

Karachi-11.
The 30th September, 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	$N_hC_Lh\,C_MC_H$	$W_1D_SD_MT_xT_x$	At 0300 Hrs. G. M. T. of date: $RRRT_dT_d$	N dd ff	VVwwW	PPPTT	$N_hC_Lh\,C_MC_H$	$W_1D_SD_MT_nT_n$	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	1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST PAKISTAN	Cox's Bazar	018 76	8 00 00	95 08	9 058 79	1 2 5 2 4	5 0 0 80	614 76	4 00 00	97 02	1 074 82	1 1 6 3 0	9 7 6 76	+3	+1	94.6	-15.1	104.2	144
	Chittagong	000 78	8 20 05	96 50	1 053 84	7 8 6 2 0	0 × 4 87	000 77	8 00 00	97 02	1 068 81	8 6 6 0 0	- 78	0	+2	88.2	+10.6	117.9	108
	Noakhali	000 77	8 18 05	95 03	1 ××× 87	4 3 5 2 2	- - 91	018 87	6 00 00	94 61	6 ××× 78	3 1 5 2 4	77	+4	0			—	115
	Comilla							312 76	7 25 02	98 03	1 070 79	7 4 7 0 0	0 0 0 76		0	94.7	+81.5	102.1	94
	Brahmanbaria	000 81	4 00 00	97 03	1 048 99	0 0 9 4 0	0 × 0 94	000 72	3 13 02	97 01	1 064 89	0 0 9 0 9	0 4 × 78	—		48.0	-0.2	57.9	78
	Dacca	000 78	7 00 00	98 03	2 037 87	2 2 6 0 1	8 5 × 93	××× 78	6 18 0?	9? 01	0 063 86	2 5 6 3 0	6 × × 77	--		—	—	—	
	Narayanganj	000 79	8 00 00	97 01	1 035 99	1 2 5 0 8	9 0 × 95	065 79	7 18 02	95 03	8 059 85	7 5 5	9 × × 75	+7	-3	57.5	+9.4	76.4	74
	Mymensingh	000 79	0 00 00	99 00	0 049 87	0 0 9 0 0	- - - 92	000 78	0 09 02	99 00	5 071 85	0 0 9 0 0	7 × × 79	+5	+2	39.5	23.7	47.6	91
	Srimangal	000 81	5 18 02	95 03	1 057 87	3 3 6 0 1	- - - 93	000 74	5 00 00	96 02	9 070 84	0 0 9 3 2	8 6 3 74	+2	-2	91.6	+28.4	99.0	98
	Khulna	000 79	8 00 00	97 03	0 046 85	8 7 7	- - - 93	000 75	6 31 02	98 01	2 066 81	2 7 7 2 0	- - 76	+5	-1	41.2	-7.4	49.7	69
	Satkhira	000 79	8 00 00	96 03	6 055 80	7 4 6 6 0	- - - 91	090 75	6 13 02	97 08	1 059 80	4 4 6 6 0	- 75	+4	-1	30.1	15.9	38.9	65
	Jessore	000 76	7 00 00	96 02	3 046 82	7 8 6 0 0	- - - 96	031 77	6 13 05	96 02	6 064 84	6 8 6 0 0	5 × × 73	—	—	31.6	12.4	39.6	65
	Faridpur	000 81	6 00 00	95 03	0 042 88	4 4 7 1 0	0 × 7 90	022 77	7 11 02	97 02	9 075 83	5 4 6 1 0	8 × × 76	+3	-2	48.4	3.5	49.8	71
	Barisal	000 79	8 23 02	97 03	1 045 85	2 3 6 2 8	- - - 93							+5					81
	Pabna																		59
	Rampur Boalia																		59
	Sirajganj	000 79	4 ×× ××	99 03	1 026 85	4 1 7 0 0	- - - 88	000 69	4 00 00	99 01	1 058 87	0 0 9 0 1	0 0 0 ××	+1	+11	45.9	+0.8	55.9	64
	Bogra	000 78	6 09 02	96 02	1 041 90	1 1 8 7 0	- - - 93	000 77	7 00 00	93 01	0 069 80	6 6 3 2	6 × × ××	+5	×	32.6	17.6	39.4	69
	Dinajpur	000 79	6 00 00	97 02	2 061 86	0 0 9 4 0	- - - 93	000 80	0 00 00	97 00	1 064 88	0 0 9 0 0	- - - 77	+6	0	41.8	14.7	46.4	71
	Rangpur							000 ××	3 09 02	98 02	1 — —	0 0 9 1 0	- - - —		—	66.0	+5.4	74.8	84
KASHMIR	Srinagar †																		—
	Gulmarg ††																		—
	Sonamarg (a)																		—
	Dras †																		—
	Leh ††																		—
	Skardu †																		—
	Gilgit *																		—
	Misgar																		—
	Allabad																		—
PUNJAB	Lyallpur	000 67	2 00 00	96 01	0 044 95	0 0 9 2 0	- - - 99	000 68	0 18 02	96 00	0 071 82	0 0 9 0 0	- - - 77	+1	+7	5.9	3.2	10.2	12
	Lahore	000 72	2 05 02	96 01	1 061 96	2 1 7 0 0	4 × × 00	000 63	0 23 05	96 00	1 078 86	0 0 9 0 0	9 × × 77	+2	+9	10.6	3.8	14.7	19
	Sialkot	000 69	3 00 00	97 02	1 013 95	1 4 8 0 2	- - - 98	000 72	0 13 02	97 00	0 081 83	0 0 9 0 0	- - - 78	+8	+8	13.8	9.7	18.7	22
	Jhelum	000 71	1 00 00	99 01	1 013 97	1 1 7 0 0	- - - 98	000 70	0 00 00	96 00	0 051 82	0 0 9 0 0	- - - 74		—	16.6		25.8	—
	Rawalpindi	000 66	5 27 02	97 01	1 054 9?	0 0 9 2 0	- - - 94	000 62	0 36 02	97 00	0 056 89	0 0 9 0 0	- - - 71	+5	+6	14.9	8.6	26.7	36
	Murree †	000 54	6 27 03	96 02	1 078 68	4 1 4 1 0	9 × × 73	000 51	0 27 05	96 00	1 086 64	0 0 9 0 0	9 × × 57	+3	+4	21.9	13.7	43.5	59
	Attock	××× ××	5 13 02	99 00	0 —	5 0 8 2 0	- - - —	××× ××	0 36 05	98 00	0 — —	0 0 9 0 0	- - - —	—		—	—	—	
	Kimahab	000 63	2 20 05	98 03	0 047 99	0 0 0 0 0	- - - 01	000 71	0 20 02	99 00	0 073 84	0 0 9 0 0	- - - 79	+8	+2	3.1	-7.1	8.0	15
	Montgomery	000 68	0 00 00	96 00	0 048 98	0 0 0 0 0	- - 0	000 72	0 13 02	96 00	0 066 85	0 0 9 0 0	- - - 77	+1	+5	2.5	4.9	8.1	12
	Leiah	000 83	0 00 02	97 00	0 049 02	0 0 9 0 0	- - 03	000 61	0 23 03	97 00	0 06? ??	0 0 9 0 0	- - - 61	—	—	6.9	—	6.6	8
	Multan	000 69	0 05 05	97 00	0 046 99	0 0 9 0 0	- - - 01	000 65	0 16 02	97 00	0 073 86	0 0 9 0 0	- - - 80	+3	+7	3.8	1.1	6.9	7
	Khanpur	000 78	0 36 03	95 05	0 044 90	0 0 9 0 0	- - 08	000 74	0 36 03	95 65	0 065 81	0 0 9 0 0	- - - ××	+8	—	0.3	4.5	1.9	6
	Bahawalpur	000 72	0 00 00	97 00	0 038 97	0 0 9 0 0	- - - 01	000 71	0 11 01	97 00	0 069 83	0 0 9 0 0	- - - 77	+2	+7	1.9	7.3	5.0	9
	Fort Abbas	000 90	0 06 03	96 00	0 035 00	0 0 9 0 0	0 × × 03	000 75	0 05 02	96 00	0 070 91	0 0 9 0 0	0 - - 79			2.8	—	3.7	8
N. W. F. P.	Drosh *	000 50	7 28 12	97 03	1 059 83	× × × × ×	6 × 9 86	000 51	0 00 00	99 00	5 003 64	0 0 9 0 0	8 × × 63	+2	+3	1.8	—	22.0	18
	Chakdara	000 65	0 16 02	99 00	0 056 89	0 4 9 0 0	94	000 65	0 31 03	98 00	0 077 77	0 0 9 0 0	- - - 68		—	8.5	—	19.8	—
	Cherat *	000 60	7 18 07	97 03	1 067 81	0 0 9 0 0	5 × 7 88	000 59	0 16 04	97 00	0 966 73	0 0 9 0 0	- - - 69	+5	+6	6.0	-6.0	25.0	29
	Peshawar	000 61	7 05 02	96 17	9 053 87	4 9 6 7 0	2 × 6 93	000 61	0 00 00	96 00	0 076 79	0 0 9 0 0	- - 75	0	+8	1.8	8.1	8.6	24
	Parachinar	000 52	6 18 02	99 02	9 985 77	3 2 6 6 0	2 × 9 53	000 45	0 28 02	99 00	2 981 69	0 0 9 0 0	9 × × 60	+5	+5	9.8	—	20.8	29
	Miramshah	000 64	7 20 05	98 03	2 94? 89	7 5 6 6 0	- - 93	000 56	0 00 00	99 00	0 96? 72	0 0 9 0 0	- - - ××	—	—	3.6	-1.2	10.6	12
	Bannu	000 65	2 13 02	99 03	0 054 93	0 0 9 2 0	- - - 98	000 64	0 00 00	99 00	0 074 86	0 0 9 0 0	- - - 74	—	—	0.9		6.8	11
	D. I. Khan	000 69	3 00 00	98 02	0 044 00	0 0 9 0 5	0 0 0 01	000 73	0 00 00	96 00	0 ××× 76	0 0 9 0 0	- - - ××	+5	—	1.1	4.3	2.8	9
	Wana																		11
	Landikotal	000 64	6 13 05	98 02	1 960 82	6 6 5 7 0	- - - 86	000 59	0 00 00	98 65	1 071 76	0 0 9 0 0	- - - 63			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	××× ××	6 18 13	99 08	1 — —	3 8 7 2 1	- - - —	××× ××	0 36 09	99 00	0 —	0 0 9 0 0	- - - —	—	—	—	—	—	—
BALUCHISTAN	Fort Sandeman	000 80	1 31 05	97 01	1 960 91	0 0 9 4 0	4 × × 95	000 50	0 00 00	95 05	0 984 72	0 0 9 0 0	- - - 65	+5	+4	4.1	-0.9	10.0	11
	Hindubagh	000 27	1 18 05	98 02	1 962 85	0 0 9 3 0	7 × 0 89	000 38	0 28 05	97 00	0 990 70	0 0 9 0 0	- - - 58	—	—	0.2	—	3.5	—
	Loralai	000 61	0 00 00	96 00	0 945 86	0 0 9 0 0	- - 89	000 46	0 00 00	96 00	0 975 66	0 0 9 0 0	- - - 58	—	—	1.7	—	8.1	—
	Barnai (a)	000 ××	0 09 02	95 01	1 — —	0 0 9 0 5	2 × 6 —	000 ××	0 23 0?	95 00	0 —	0 0 9 0 0	- - - —		—	2.0	5.4	10.6	14
	Sibi	000 43	0 18 05	98 00	0 024 06	0 0 9 0 0	- - 06	000 61	0 00 00	99 00	0 067 85	0 0 9 0 0	- - - 79	—	—	2.2	—	3.8	5
	Quetta †	000 34	0 34 05	98 00	0 975 83	0 0 9 0 0	- - - 85	000 33	0 18 02	98 00	0 974 57	0 0 9 0 0	- - - 46		—	0.8	-6.2	3.8	9
	Chaman	000 79	0 28 02	97 00	0 986 89	0 0 9 0 0	- - - 91	000 05	0 16 02	97 00	0 986 71	0 0 9 0 0	- - - 63	+4	+4	0	-0.2	3.6	8
	Nushki	000 30	0 31 12	97 00	0 026 95	0 0 9 0 0	- - - 97	000 38	0 00 00	96 00	0 080 76	0 0 9 0 0	- - - 72		—	0	—	5.4	—
	Dalbandin *	000 62	4 00 00	96 03	0 067 97	4 1 7 0 0	- - - 00	000 45	0 00 00	97 00	0 984 69	0 0 9 0 0	- - - 62	+3	+4	0	0.8	1.8	4
	Nokkundi	000 73	0 34 09	99 00	0 037 99	0 0 9 0 0	- - 02	000 42	0 02 02	79 00	0 088 74	0 0 9 0 0	- - - 73	—	—	0	—	0.9	3
	Kalat †	000 55	0 31 05	98 00	0 691 78	0 0 9 0 0	- - - 83	000 35	0 13 04	98 00	0 000 56	0 0 9 0 0	- - - 47	+3	+3	0.8	0.4	9.7	7
	Turbat	000 57	0 24 02	97 03	0 051 12	0 0 9 0 0	- - - 13	000 58	0 00 00	98 00	0 ××× 69	0 0 9 0 0	- - - 77	—	—	0		1.4	—
	Panjgur *	000 27	0 31 03	97 00	0 068 93	0 0 9 0 0	- - - 95	000 35	0 05 03	97 00	0 021 68	0 0 9 0 0	- - - 63	+1	+2	0	—	3.2	5
	Las Bela	000 74	0 14 02	99 00	0 010 12	0 0 9 0 0	- - - 14	000 61	0 00 00	99 00	0 068 90	0 0 9 0 0	- - - 73	—		1.6	-	1.7	8
	Ormara	000 74	0 25 12	97 07	0 034 89	0 0 9 0 0	- - - 20												6
	Pasni	000 75	0 23 12	96 00	0 043 39	0 0 9 0 0	- - - 97	000 64	0 31 04	97 00	0 052 81	0 0 9 0 0	- - - 74	+6	+8	0.8	0.1	5.0	6
	Jiwani																		4
SIND	Keti	000 87	0 36 09	96 00	0 013 01	0 0 9 0 0	- - - 04	000 76	0 34 04	96 00	0 071 85	0 0 9 0 0	- - - 79	—	—	1.7	—	2.2	
	Jacobabad	000 60	0 13 02	97 00	0 034 03	0 0 9 0 0	- - - 05	000 70	0 36 03	97 00	0 068 86	0 0 9 0 0	- - - 77	+4	+4	0.2	2.0	0.7	4
	Sukkur	000 70	0 03 ××	96 00	0 034 01	0 0 9 0 0	- - - 02	000 71	0 05 ××	96 00	0 056 81	0 0 9 0 0	- - - 77	—	—	0.5	—	1.0	4
	Pad Idan	000 67	0 06 09	98 00	0 034 02	0 0 9 0 0	- - - 06	000 67	0 05 06	98 00	0 052 79	0 0 9 0 0	- - - 76	—	—	0.8	—	0.9	
	Karachi (Manora)	000 73	1 25 09	99 01	1 031 85	1 1 5 0 0	- - - 82	000 64	0 00 00	93 10	0 047 78	0 0 9 0 0	- - - 75	+6	-1	1.6	-4.5	1.6	3
	Karachi (A. P.)	000 66	1 27 12	97 01	1 028 01	1 1 6 0 0	- - - 09	000 57	0 00 00	98 00	0 049 87	0 0 9 0 0	- - - 76	—	—	2.9		3.0	
	Badin	000 72	0 06 06	67 00	0 030 04	0 0 9 0 0	- - - 12	000 76	0 31 06	97 00	0 055 82	0 0 9 0 0	- - - 74	+16	0	7.0	-0.2	7.0	3
	Nagarparkar																		
	Chhor (Umarkot)	000 66	0 30 09	97 00	0 005 07	0 0 9 0 0	- - - 11	000 72	0 36 03	97 00	0 040 85	0 0 9 0 0	- - - 78	—	—	2.1	—	2.1	—
	Hyderabad	000 62	0 02 08	97 00	0 026 05	0 0 9 0 0	- - - 07	000 67	0 05 02	97 00	0 046 66	0 0 9 0 0	- - - 82	+3	+7	1.3	-4.3	2.0	7
JUNAGADH	Veraval																		30
AFGHANISTAN	Kabul	000 50	1 02 02	98 01	0 018 82	1 8 8 1 0	- - - 84							—					12
	Jalalabad	000 ??	5 09 02	98 01	0 092 92	0 0 9 3 0	4 × 9 95	000 63	0 27 02	96 00	1 085 75	0 0 9 0 0	9 × × 70	—	—	0.5	—	4.9	—
	Kandahar	000 44	0 33 05	98 00	0 031 87	0 0 9 0 0	- - - 98							—					—

See footnote on page 2

P. T. O.]

PAKISTAN DAILY WEATHER REPORT

FOR SUNDAY, THE 30TH SEPTEMBER, 1951

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
		RRR $T_d T_d$	N dd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$W_1 D_S D_W T_n T_x$	RRR $T_d T_d$	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$W_1 D_S D_W T_n T_n$	T_x	T_n	Since 1st June '51 to date	Departure from normal	Since the 1st Jan., '51 to date	
8	9	8	9	10	11	12	13	9	10	11	12	13	14	15	16	17	18	19	20
Iran	Charbar	-	-	-	-	.	.	-	.	.	.	.	.	-	-	-	-	-	4
	Jask	-	-	-	-	.	.	-	.	.	.	.	.	-	-	-	-	-	6
	Masnee	-	-	-	-	.	.	-	.	.	.	.	.	-	-	-	-	-	10
	Bushire	-	-	-	-	.	.	-	.	.	.	.	.	-	-	-	-	-	11
Arabia	Muscat	999 81	2 09 02	97 08	0087 86	0 0 9 8 0	- - - 02	000 76	0 00 00	96 06	0 082 82	0 0 9 8 0	- - - xx	+ 1	- 9	0	- 0.1	1.8	4
	Sharjah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	Kuwait	000 xx	0 11 02	97 06	0085 91	0 0 9 8 0	- - - 07	000 xx	0 00 00	96 06	0 088 99	0 0 0 0 0	- - - 78	-	-	0	-	1.5	6

* 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 5 geodynamic Kilometre 19,049.-19, 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 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 $N_s Ch_s h_s$	0 $T_s T_a T_d T_d$	$1 d_w d_w P_w H_w$
1	1	2	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bombay	73 157	725 06	4 31 04	98 02 1	047 80	41 6 30	3 4 117	-	-	-
Jalamani	73 200	701 06	5 36 10	99 01 1	045 86	x8 x 84	3 4 803	-	-	-
Jalavaldabh	73 096	574 06	6 27 09	99 20 1	091 82			-	-	-
Bombay	73 145	731 12	8 32 18	97 01 2	097 73	83 6 00	3 4 827	-	-	-
Jalavaldabh	73 100	549 18	2 26 09	96 02 1	071 79	-	-	-	-	-
Jalamani	73 182	711 18	1 32 12	99 01 1	024 84	00 9 01	3 4 800	-	-	-
Bombay	73 116	749 06	7 27 09	98 02 2	084 76	71 5 40	3 4 148	-	-	-
BAY OF BENGAL										

Radio-Sonde Data (Temperatures in C°)

of previous day.

STATION	TEMP	CODE :—	iiiGG	PoPoPoToTo	TdoTdoTKoX1X2	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	001 83 175 60	000 11 831 66	854 89 259 23	700 35 105 28	509 24 579 90	831 72 819 97	200 79 009 91	855 58 119 70	850 98 329 00	800 61	868 00 210 28	456 00 915 87	825 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 ††										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	18	19	20	21	22	23	24	25
Bogra	08 03	07 03	09 08	09 12	10 14	09 14					16 01	13 03	07 04	06 08	09 11	-	08 06	11 14	09 19	08 19	04 21	-		
Dhor	01 12	01 13	01 13	02 13	02 15	04 19	06 17	08 18	103 07	-			-	-	-		11 14	10 12	09 11	09 11	01 15	02 23	04 26	06 17
Chittagong	18 04	17 02	12 03	-	-	-	-	-	-	-	18 04	15 04	-	-	-		08 08	06 02	06 02	10 11	11 17	12 25	11 29	-
Cox's Bazar	-	-	-	No	ascent	-	-	-	-	-	-	-	No	ascent	-	-	12 13	13 23	13 26	13 21	13 24	12 24	-	-
Dacca	09 04	09 05	08 08	10 06	10 11	09 11	16 08	10 09	24 06	33 13	-	-	No	ascent	-	-	15 06	13 08	10 07	05 15	10 13	10 16	-	-
Dalbandin	-	-	-	-	22 06	19 19	17 16	-	-	-	-	-	-	-	-	-	-	-	-	-	36 08	01 06	02 07	20 33
Drigh	-	-	07 04	07 01	02 10	02 03	33 16	04 01	34 13	28 21	-	-	09 08	01 04	21 04	15 02	-	-	07 05	05 06	01 01	23 15	20 17	25 06
Fort Sandeman	-	-	-	28 03	29 01	24 06	12 09	29 13	29 17	27 06	-	-	-	-	29 02	15 02	28 13	-	-	15 05	21 09	21 20	11 36	28 08
Jacobabad	11 08	06 09	05 08	15 06	23 07	25 08	12 05	30 02	28 15	27 23	08 13	10 14	09 09	09 05	22 06	-	06 01	10 11	09 07	09 03	05 08	35 11	09 04	-
Jhelum	18 02	29 02	30 03	28 07	03 07	26 06	31 14	29 05	-	-	08 03	29 09	30 07	28 06	28 11	28 13	11 02	14 08	21 03	27 07	30 05	34 06	36 11	28 17
Kiwani	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Karachi	31 16	30 17	29 15	30 09	03 02	06 12	07 20	07 11	01 05	27 16	24 15	25 11	26 07	05 05	09 11	03 07	05 17	02 11	01 11	29 08	01 11	01 15	06 26	10 17
Khanpur	02 10	06 07	04 10	02 17	26 18	26 17	-	-	-	-	06 15	06 13	07 15	12 05	-	-	11 08	06 03	02 04	03 07	25 16	05 12	05 11	-
Lahore	35 02	35 04	02 01	12 02	11 03	02 06	01 14	-	-	-	20 07	24 04	30 05	09 08	04 02	34 05	22 07	22 06	23 05	23 01	01 04	01 08	03 10	01 17
Multan	07 05	06 08	04 05	06 05	06 10	08 10	01 06	32 07	29 15	28 11	08 05	29 09	30 07	32 06	33 71	33 13	16 17	16 11	17 09	13 05	11 05	01 26	01 06	04 17
Peshawar	-	04 07	05 01	15 08	22 07	24 08	28 13	27 15	29 19	27 26	-	07 04	19 04	24 06	28 19	18 06	-	34 04	28 07	25 08	26 01	34 04	28 05	30 11
Quetta					29 12	28 15	28 17	29 12	29 24	26 16	-	-	-	-	31 10	29 14	-	-	-	-	23 25	25 16	25 14	36 05
Rushire	-										-	-									-	-	-	-
Sharjar	-																							

Cloud Observation Data (iiiGG Cddv, v_v)

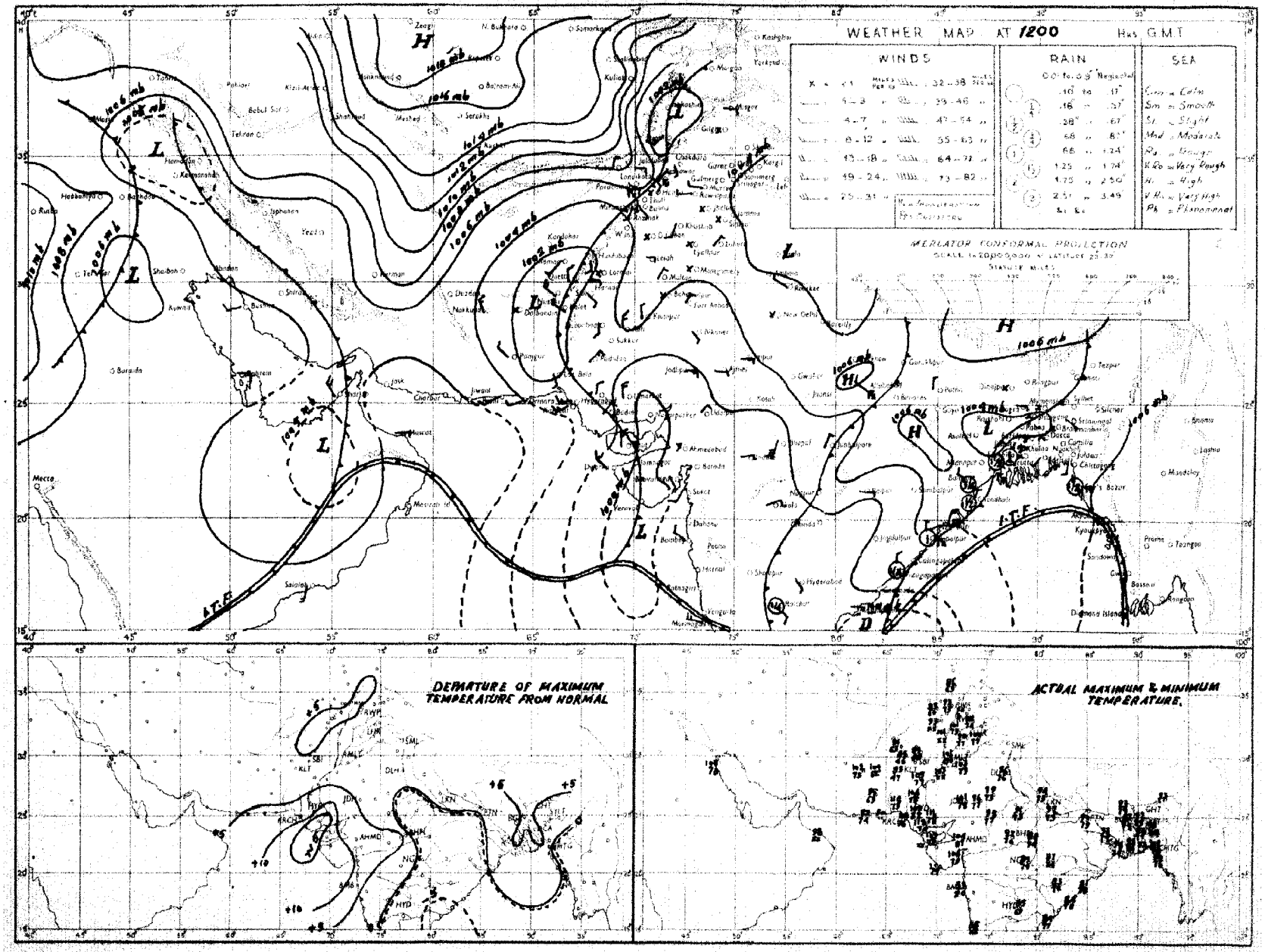
Dacca 94711 12805

* 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 wds relate are 0.5, 0.6, 0.8, 1.0, 1.1, 3.0 4.5 6.0, 7.5, and 9.0 ans. The levels given at the head of the columns are the nearest equivalent levels in thousands.

S P. W.

PAKISTAN DAILY WEATHER MAP

SATURDAY 29th. SEPTEMBER 1951.

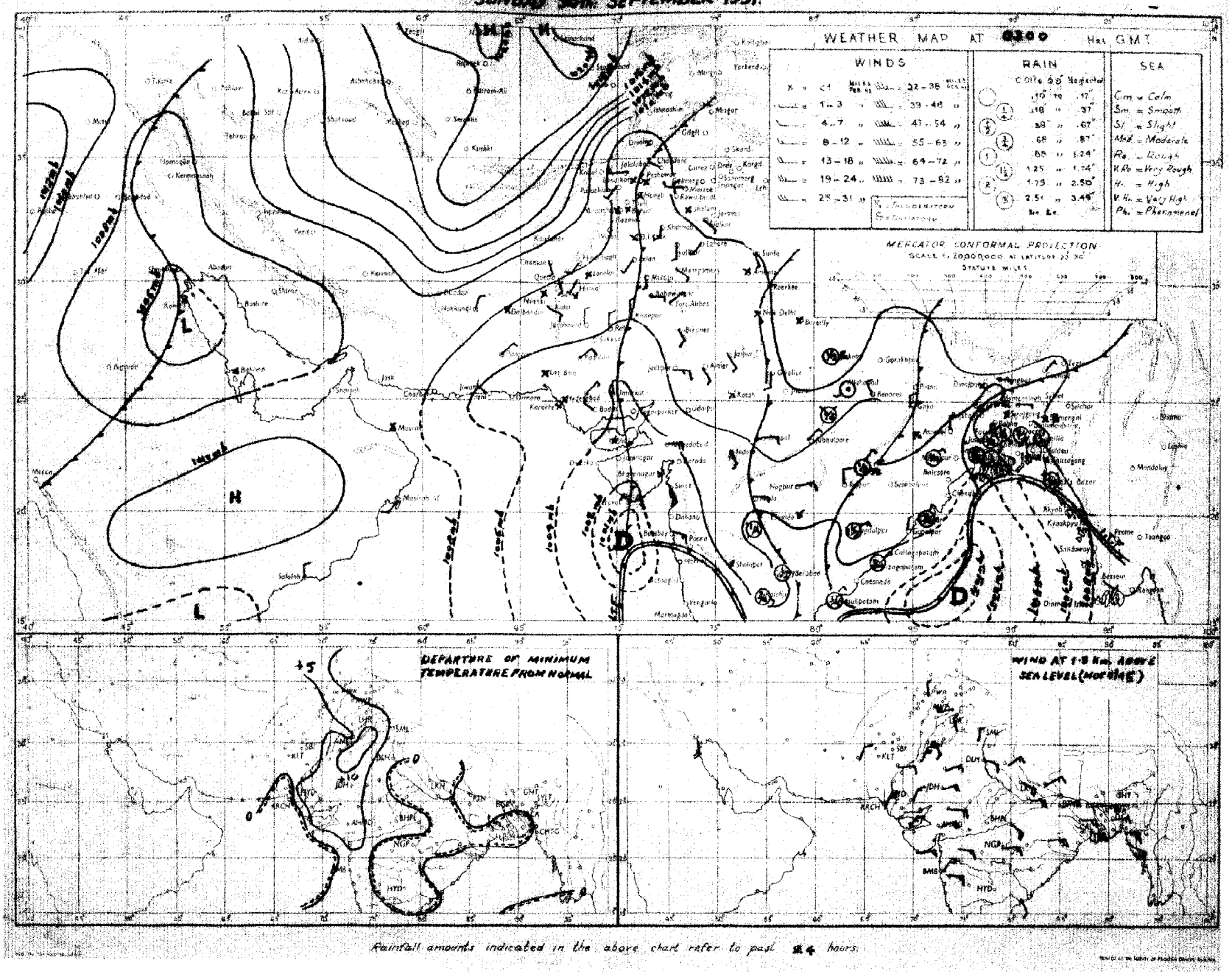


Rainfall amounts indicated in the above chart refer to past 9 hours.

19787

PAKISTAN DAILY WEATHER MAP

SUNDAY 30th. SEPTEMBER 1951.



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