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PAKISTAN DAILY WEATHER REPORT

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1957
July-Sept.

MONDAY, THE 1st JULY, 1957

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

Yesterday's low pressure wave over the extreme north of West Pakistan has moved away eastwards.
A fresh low pressure wave is moving across the extreme north of West Pakistan.
Pressure gradient is steep over Hyderabad and coastal south Kalat divisions.
Isolated thundershowers has been reported from south Kalat division.
The axis of monsoon trough extends from east Uttar Pradesh to Assam.
Rainfall has been widespread in East Pakistan.
Chief amounts of rainfall are:—Cox's Bazar (till 0000z of 1-7-57) 5"; Mymensingh and Bogra 4" each; Comilla, Dacca and Sirajganj 3" each; Chittagong, Faridpur, Dinajpur and Turbat 2" each; Brahamanbaria, Sylhet, Srimangal and Narayanganj 1½" each; Rangpur 1"; Maijdee Court ½" and Jessore ¼".
Day temperatures were 3-7°F below normal in East Pakistan, Quetta and north Kalat divisions and 2-6°F above normal over the rest of West Pakistan.
Forecast valid until the evening of 2nd:—Fairly widespread rain with scatter d thundershowers will occur in East Pakistan and scattered thunderstorm/showers in Peshawar, Rawalpindi divisions and Kashmir. A few dust/thunderstorms are also likely in D. I. Khan, Quetta and Multan divisions.
Dust raising winds will also prevail over Hyderabad division, the Federal Capital Area and coastal Kalat division.

Karachi-11.
The 1st July, 1957

OBSERVATIONS

ABDUL MAJID KHAN,
for Director, Meteorological Service.

Divisions	Station	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and cent.) (PPP)	Dry Bulb Temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (Cl)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and cent.) (PPP)	Dry Bulb Temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (Cl)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	095	8	7	09	09	96	02	6	986	78	7	6	4	0	0	77	85	999	9	8	09	02	94	97	9	010	75	8	4	6	2	×	75	××	—	—	31.2	- 1.0	42.0	104
	Chittagong	000	6	×	11	02	96	01	2	976	82	5	5	5	2	×	79	84	189	6	××	××	97	50	6	000	78	7	6	4	0	0	77	75	- 1	- 2	19.5	- 2.2	26.9	108
	Maijdee Court	040	3	9	00	00	93	65	6	992	75	9	×	×	×	×	74	75	040	3	9	00	00	93	65	6	992	75	9	×	×	×	×	74	75	- 2	- 4	30.5	+ 9.3	43.1	115
	Comilla	038	8	8	18	09	99	50	6	965	82	8	5	5	5	×	78	83	275	1	8	00	00	98	50	6	982	77	8	9	4	×	×	75	75	- 4	- 2	18.7	- 3.1	27.7	194
	Brahmanbaria	031	7	8	18	03	95	60	6	960	78	8	2	2	×	×	77	79	140	1	8	18	03	97	21	6	977	79	8	5	2	×	×	78	76	—	—	19.1	+ 4.3	31.9	78
	Sylhet	013	9	8	18	02	96	21	6	959	80	6	7	4	2	×	77	80	161	9	8	13	05	96	60	6	977	78	7	7	4	2	×	77	76	—	—	28.5	—	73.5	..
	Srimangal	012	8	8	18	02	97	02	6	968	80	8	5	6	×	×	75	82	128	3	8	13	02	97	02	6	981	80	8	4	6	×	×	79	76	- 8	- 2	25.6	+ 6.3	22.2	98
Dacca	Mymensingh	057	8	8	00	00	98	02	6	944	83	8	7	4	×	×	79	85	380	9	8	27	02	96	03	6	961	80	8	6	4	×	×	77	76	- 2	- 2	26.7	+ 8.6	37.4	91
	Narayanganj	037	9	8	27	05	94	63	6	953	79	8	7	3	×	×	78	79	151	9	8	18	02	94	51	6	970	80	8	0	8	2	×	79	74	- 9	- 3	21.7	+ 8.9	36.7	74
	Dacca (Tejgaon)	045	8	7	23	05	95	51	6	947	79	8	7	3	×	×	78	81	289	9	8	20	05	96	71	6	965	80	1	5	5	7	×	79	77	—	—	22.0	—	37.2	..
	Faridpur	002	6	8	34	07	95	50	5	955	80	8	4	6	—	—	77	81	215	9	8	27	02	95	52	6	980	80	8	7	5	0	0	80	74	- 6	- 4	13.7	+ 0.6	15.4	71
	Barisal	000	0	8	00	00	95	03	5	006	85	6	7	9	6	0	78	85	011	9	8	18	05	95	02	6	976	82	7	0	9	6	0	78	78	- 2	- 1	15.9	- 0.4	23.0	81
Rajshahi	Khulna	000	0	8	00	00	97	02	2	969	82	8	5	6	×	×	81	84	015	9	8	23	03	97	03	5	977	84	8	3	5	×	×	83	78	- 4	0	9.7	- 3.3	17.7	68
	Satkhira	000	0	8	00	00	96	03	2	969	84	×	×	6	×	×	79	85	000	0	8	00	00	96	03	2	986	84	×	×	6	×	×	81	81	- 4	0	8.3	- 4.4	14.1	65
	Jessore	024	9	8	27	05	96	03	6	964	79	8	8	6	×	×	76	82	024	0	8	23	05	96	03	2	973	82	8	7	5	×	×	79	75	- 7	—	13.3	- 2.7	19.6	65
	Sirajganj	000	0	8	00	00	95	02	6	934	81	8	7	0	×	×	78	83	304	9	8	00	00	96	26	0	955	79	8	7	4	×	×	78	71	- 4	- 7	22.3	+ 9.7	33.3	64
	Bogra	015	8	6	00	00	96	02	6	950	83	4	4	6	2	0	79	86	341	8	6	05	02	96	60	6	951	79	6	7	5	0	×	78	76	- 3	- 2	26.6	+ 13.1	34.1	69
	Dinajpur	070	6	8	00	00	95	58	6	952	81	8	8	4	6	0	80	87	200	6	8	00	00	94	61	6	970	79	8	4	6	0	×	78	74	- 2	- 4	13.7	- 0.4	17.1	72
	Rangpur	007	3	7	09	02	96	03	6	×××	81	7	6	6	×	×	80	88	093	0	7	36	02	96	66	2	×××	80	7	7	6	×	×	79	77	0	- 1	17.8	- 0.5	39.7	84
Kashmir	Jammu																																									
Lahore	Lahore (Jail Rd.)	000	0	0	27	05	96	02	0	916	05	0	0	9	0	0	61	06	000	0	0	00	00	96	02	0	951	93	0	0	9	0	0	67	80	+ 2	0	0.4	- 1.3	9.4	19
	Sialkot	000	0	0	31	03	97	00	0	902	07	0	0	9	0	0	58	08	000	0	0	05	02	97	00	0	938	95	0	0	9	0	0	62	82	+ 6	+ 1	0.5	- 2.1	23.8	32
Rawalpindi	Jhelum	000	0	0	31	10	97	02	0	901	07	0	0	9	0	0	47	08	000	0	0	00	00	96	05	0	940	92	0	0	9	0	0	64	80	—	—	1.3	—	12.0	..
	Rawalpindi	000	0	2	27	05	99	01	0	922	02	2	2	7	0	0	46	04	000	0	0	00	00	99	00	1	945	89	0	0	9	0	0	58	68	+ 2	- 8	1.4	- 1.1	18.5	36
	Khushab	000	0	1	20	05	98	03	0	914	04	1	0	9	7	0	60	07																		+ 2					15
Multan	Lyallpur	000	0	0	00	00	96	00	0	918	04	0	0	9	0	0	63	06	000	0	0	13	02	96	00	0	944	90	0	0	9	0	0	63	82	+ 3	- 1	0.6	- 0.5	7.0	12
	Montgomery	000	0	0	00	00	97	00	0	930	06	0	0	9	0	0	73	07	000	0	0	20	02	98	00	0	948	91	0	0	9	0	0	65	81	+ 1	- 3	0.2	- 0.8	4.0	10
	Multan	000	0	5	36	02	96	03	1	926	01	3	0	8	2	1	60	07	000	0	0	20	02	95	06	0	942	84	0	0	9	0	0	64	80	+ 3	- 6	0.7	+ 0.1	4.0	7
Bahawalpur	Leiah																																									
	Khanpur	000	0	0	31	03	96	00	0	922	09	0	0	9	0	0	89	09	000	0	0	23	09	95	05	0	955	87	0	0	9	0	0	83	73	+ 1	- 10	0	- 0.3	1.0	6
	Bahawalpur	000	0	0	00	00	97	00	0	923	04	0	0	9	0	0	68	09	000	0	0	00	00	97	00	0	947	96	0	0	9	0	0	75	85	+ 3	+ 1	0.1	- 0.3	1.0	6
	Fort Abbas																																									8
Peshawar	Charsadda	000	0	1	××	××	98	01	1	889	00	1	2	7	0	0	55	01	000	0	0	00	00	98	00	0	934	85	×	×	9	×	×	49	59	—	—	0.3	—	15.1	..
	Peshawar	000	0	1	05	03	98	02	0	904	03	1	1	7	0	0	51	04																		— 1					14
	Haripur	000	5	1	23	02	97	01	0	931	04	0	0	9	0	2	68	05	000	0	0	13	02	97	00	0	932	02	0	0	9	0	0	66	76	—	—	0.5	—	14.6	..
	Campbellpur	000	0	0	18	03	98	00	0	901	06	0	0	9	0	0	46	06	000	0	0	00	00	98	00	0	039	09	0	0	9	0	0	55	81	—	—	0	—	13.7	..
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	913	01	0	0	9	0	0	67	01	000	0	3	36	02	99	00	0	937	90	0	0	9	0	3	65	79	—	—	0	—	6.7	11
	D. I. Khan	000	0	0	00	00	98	00	0	942	04	0	0	9	0	0	65	05	000	0	0	00	00	98	00	0	928	88	0	0	9	0	0	65	78	- 2	- 5	0.5	- 0.1	5.7	10
Quetta	Sibi	000	0	0	00	00	99	00	0	911	12	0	0	9	0	0	44	13	000	0	0	00	00	99	00	0	949	94	0	0	9	0	0	63	89	—	—	0.3	—	4.9	5
Kalat	Nokkundi	000	0	0	36	02	99	02	0	921	05	0	0	9	0	0	63	07	000	0	0	34	09	99	02	0	973	90	0	0	9	0	0	48	82	—	—	0	—	1.9	2
	Turbat	210	0	8	31	05	90	03	9	991	××	8	1	6	×	×	68	09	210	0	0	00	00	98	00	0	002	93	0	0	9	0	0	80	83	—	—	2.1	—	5.3	..
	Jiwani	000	0	6	16	07	96	03	2	995	89	6	0	7	5	0	80	91	000	0	7	00	00	96	03	2	019	83	7	6	4	4	0	77	82	—	—	0	—	3.1	4
	Pasni	000	0	1	23	14	97	02	0	995	91	5	7	0	0	0	78	94	000	0	6	27	05	96	00	0	018	85	6	5	7	0	0	78	81	+ 3	+ 2	0	- 0.3	6.2	6
	Ormara	000	0	0	××	××	98	00	0	992	90	0	0	9	0	0	83	92	000	0	7	××	03	98	02	1	018	85	7	4	5	0	0	83	83	—	—	0	0	3.8	6
	Las Bela	000	0	4	02	04	96	01	2	999	98	0	5	8	4	4	03	12																		—					8
Karachi Federal Area & Hyderabad	Karachi (Drigh Road)	000	0	3	27	12	97	01	0	971	90	2	6	4	0	0	83	93	000	0	2	25	09	96	02	0	994	87	2	6	4	0	0	83	84	+ 3	+ 2	0	- 0.7	0.5	8
	Karachi (Air port)	000	0	3	25	18	96	03	1	972	91	3	6	5	0	0	83	95	000	0	7	25	14	96	03	1	993	88	6	5	3	0	0	83	85	—	0	0	—	0.4	..
	Badin	000	0	0	23	02	97	00	0	970	98	0	0	9	0	0	72	02	000	0	0	23	02	96	00	0	006	88	0	0	9	0	0	78	××	+ 4	—	0	- 1.3	1.3	9
	Nagarparkar	×××	×	4	05	02	97	30	3	×××	××	4	3	7	0	0	××	××	×××	×	9	23	02	97	20	4	×××	××	9	6	9	3	4	××	××	×	×	—	—	—	..
	Umarkot	000	0	0	23	03	97	00	0	941	01	0	0	9	0	0	84	02	000	0	0	23	03	97	00	0	961	86	0	0	9	0	0	79	80	—	—	2.6	—	2.6	..
	Hyderabad	000	0	0	23	10	96	07	0	945	01	0	0	9	0	0	72	05	000	0	0	23	12	96	07	0	970	88	0	0	9	0	0	75	84	+ 3	+ 2	0	- 0.5	1.8	..
Khairpur	Padidan	000	0	0	18	05	98	02	0	917	12	0	0	9	0	0	46	13	000	0	3	13	05	98	02	1	948	86	3	0	9	3	0	70	83	—	—	0	—	1.2	..
	Nawabshah	000	0	0	18	05	97	02	0	919	10	0	0	9	0	0	65	11	000	0	1	18	07	97	01	1	951	89	1	0	9	4	0	78	84	—	—	0.1	—	0.6	..
	Sukkur	000	8	1	00	00	96	01	0	921	09	0	0	9	0	3	62	09	000	9	3	02	03	96	03	0	947	87	0	0	9	0	9	75	84	—	—	0	—	2.8	4
	Rohri																																									4
	Jacobabad	000	0	0	18	05	97	02	0	916	09	0	0	9	0	0	58	09	000	0	0	18	07	97	02	0	949	89	0	0	9	0	0	75	85	—	—	0	- 0.3	3.6	..
Junagarh	Veraval																																									20
Afghanistan	Jalalabad																																									..
Arabia	Muscat	000	0	0	13	02	99	00	0	971	92	0	0	9	0	0	83	95	000	0	0	31	05	97	00	0	981	87	0	0	9	0	0	81	87	- 5	- 3	0	- 0.1	6.6	4
	Kuwait																																									..
	HILL STATIONS																																									5
Kashmir	Srinagar *																																									26
	Srinagar **																																									71
	Sonamarg **																																									26
	Dras **																																									3
	Leh **																																									6
	Skardu *																																									..
	Miran *	000	0	0	00	00	98	00	0	043	65	0	0	9	0	0	29	67																								..
	Allahabad *																																									..
	Gilgit *																																									..
Rawalpindi	Murree	000	5	2	31	03	98	01	1	980	78	2	1	4	0	0	50	79	000	9	2	27	03	93	01	1	404	72	2	0	7	5	2	46	64	+ 3	+ 5	2.9	- 1.4	36.7	59
	Drosh	000	0	2	23	03	96	00	0	332	97	2	2	7	0	0	12	01	000	0	0	00	00	96	00	0	374	80	0	0	9	0	0	43	70	+ 7	- 1	0.3	—	22.5	18
	Chitral	000	0	0	31	03	97	00	0	390	92	0	0	9	0	0	46	94	000	0	4	31	02	96	00	0	399	83	0	0	9	0	0	55	73	+ 2	+ 1	0.4	- 0.8	20.9	29
	Kakul	000	0	0	23	03	99	00	0	389	91	0	0	9	0	0	55	91	000	1	3	34	02	98	03	0	409	79	1	4	7	6	1	55	71	—	—	2.3	—	30.6	..
D. I. Khan	Landi Kotal	000	0	1	02	03	97	03	0	382	95	1	1	6	0	0	31	98	000	0	0	00	00	98	00	0	393	82	0	0	9	0	0	50	71	—	—	0.1	—	15.1	..
	Parachinar	000	0	0	13	02	99	00	0	796	81	0	0	9	0	0	53	××	000	0	4	00	00	99	00	0	793	71	4	0	8	0	0	52	××	—	—	2.4	—	19.0	29
	Miranshah	000	0	6	00	00	99	02	0	425	93	0	0	9	4	2	63	96	000	0	6	23	02	98	02	1	378	85	0	0	8	4	2	50	76	—	—	0.1	—	9.1	13
	Wana	000	2	4	07	02	99	02	1	438	96	4	0	9	0	6	43	03																		—					11
Quetta	Fort Sandeman *	000	0	4	36	02	96	03	1	384	85	4	2	6	0	0	67	97	000	0	0	00	00	97	00	0	415	74	0	0	9	0	0	54	68	— 4	- 8	0.8	+ 0.1	11.3	11
	Hindubagh *	000	0	0	27	05	98	00	0	389	89	0	0	9	0	0	48	90	000	0	0	27	02	98	00	0	417	74	0	0	9	0	0	49	52	—	—	0	—	12.3	..
	Loralai *	000	0	5	05	02	98	02	1	464	87	5	0	9	2	0	30	93	000	0	4	31	02	98	02	1	446	74	0	0	9	4	0	36	63	—	—	1.6	—	9.8	..
	Harnai *	000	0	0	18	02	98	00	0	×××	××	0	0	9	0	0	××	××	000	0	0	31	01	98	00	0	×××	××	—	—	—	—	—	—	—	×	—	0.6	- 0.2	14.4	14
	Quetta *	000	0	1	27	07	97	02	0	402	90	1	1	6	0	0	52	91	000	0	0	00	00	96	03	0	408	72	0	0	9	0	0	60	57	- 3	—	0	- 0.2	9.9	9
	Chaman *	000	0	0	29	04	97	00	0	434	94	0	0	9	0	0	63	97	000	0	0	25	05	97	00	0	417	80	0	0	9	0	0	59	70	- 4	- 6	0	0	9.9	8
Kalat	Kalat *	000	0	0	31	05	98	00	0	413	81	0	0	9	0	0	63	84	000	0	0	18	02	98	00	0	428	74	0	0	9	0	0	49	56	- 7	- 6	0	- 0.2	8.4	..
	Nushki *	000	0	0	36	09	96	00	0	463	02	9	6	9	0	6	61	02	000	0	0	05	10	97	00	0	518	85	0	0	9	0	0	54	79	—	—	0	—	8.0	..
	Dalbandin *	000	6	4	23	05	96	03	1	409	03	2	1	7	3	0	52	04	000	9	6	31	03	96	03	1	404	79	6	1	7	0	0	44	70	— 3	- 5	0	0	4.4	..
Afghanistan	Panjgur *	000	0	0	31	03	98	03	0	420	99	0	0	9	0	0	21	02	000	0	4	23	03	98	03	1	426	77	0	0	9	4	0	47	74	— 2	0	0	—	4.2	
	Kabul *																																									
	Kandahar *																																									

†Given in Code
*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day
Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

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106 000

National Oceanic and Atmospheric Administration

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Beltsville, MD 20704-1387
March 28, 2002

PAKISTAN DAILY WEATHER REPORT

MONDAY, THE 1st JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caledonia	13 237	654 00	8 25 18	98 02 2	992 86	85 5 ××	5 5 501	..	0 82 76	1 25 ×8
Caledonia	13 228	642 06	5 24 18	98 02 2	013 85	50 9 90	5 5 103	..	0 83 79	1 74 ×2
President Hayes	13 222	633 06	6 25 25	86 05 2	027 84	62 6 00	5 5 202	..	0 51 77	1 25 38
Ranger	13 221	633 06	7 23 17	97 02 2	044 84	21 4 10	5 2 400	..	0 52 77	1 23 33
President Hayes	13 215	622 12	8 23 25	96 02 2	971 88	34 7 5×	5 5 810	..	0 51 77	1 23 66
Molenkark	13 231	642 12	6 22 19	99 02 1	013 90	65 6 00	1 4 400	..	0 03 81	1 22 22

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	995 295 288	..	..	400 242 182	..	125 172 095	420 055 055	878 565 608	583 655 712	738 742	574 955	..	..
Lahore														
Multan														
Peshawar														
Quetta	00 00	824 168 098	Missda											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	900 232 212	880 232 192	810 260 190	800 255 185	370 645 722	350 675 995	250 838 992	180 995 995	..	180 995 995	..	..
Lahore													
Multan													
Peshawar													
Quetta	00 00	Missda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd ; Dry Bulb ; Dew Point temperatures (in tenths of 9C.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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	No	ascent	..	..	..	..	..	..	..	No	ascent	..	..	..	..	32 23	..	..	..	..	..	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chhor	22 19	23 19	23 17	..	..	..	..	..	..	33 24	33 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittagong	17 09	21 06	..	..	..	..	..	..	..	No	ascent	..	..	..	..	No	ascent	..	..	..	..	..	..	..	..	..
Cox's Bazar	No	ascent	..	..	..	..	..	..	..	No	ascent	..	..	..	..	No	ascent	..	..	..	..	..	..	..	..	..
Dacca	No	ascent	..	..	..	..	..	..	..	No	ascent	..	..	..	..	No	ascent	..	..	..	..	..	..	..	..	..
Dalbandin	..	..	23 16	21 15	25 09	26 09	28 25	28 37	29 41	..	..	29 05	27 07	26 10	27 13	..	..	23 06	22 03	28 08	27 11	27 13	25 15	24 15	30 10	28 23
D.I. Khan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh		..	..	24 07	23 08	22 11	21 05	26 04	25 04	..	..			36 01	03 02	..	..	..	..	23 06	22 04	21 05	21 08	20 08	21 10	25 08
Fort Sandeman				18 02	25 04	28 07	26 09	30 09	..				19 02	24 09	27 11	..	..		36 04	36 07	34 14	31 15	31 21	31 21	34 28	33 30
Jacobabad	18 06	15 05	14 04	29 05	29 11	31 23	30 27	35 22	30 23	21 08	26 12	28 15	29 15	23 13	23 15	13 05	01 09	34 09	33 10	33 10	26 06	20 06	22 11	20 13	21 13	..
Jessore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jhelum	31 04	28 07	29 09	28 11	30 10	33 09	33 11	34 15	31 23	05 05	29 05	30 05	30 05	19 01	13 03	11 02	33 02	30 02	22 02	23 02	0 14	32 10	25 15	24 16	24 31	22 65
Jiwani	18 10	29 11	29 20	28 22	27 17	..	..	..	..	..	..	..	..	..	..	14 06	16 05	..	..	..	..	..	..	..	..	..
Karachi	24 15	25 15	27 18	27 18	29 15	29 13	30 12	30 16	..	27 20	27 22	28 23	27 24	..	..	27 16	27 17	27 26	..	..	..	..	..	..	..	..
Khanpur	25 10	23 10	22 10	24 10	24 11	30 06	27 13	28 09	26 08	20 19	23 20	27 13	28 21	30 14	31 09	22 10	22 17	24 11	28 14	27 17	28 15	..	..	..	..	..
Lahore	29 08	29 12	29 13	31 15	31 15	32 17	34 19	35 17	32 13	24 11	27 10	30 07	10 01	11 05	23 01	19 02	21 04	26 04	24 05	19 06	26 06	32 16	28 10	23 13	24 23	22 55
Multan	19 12	21 17	23 15	25 13	27 16	30 15	31 12	32 10	34 12	22 19	23 25	24 27	25 23	..	..	21 09	26 09	30 08	30 09	31 09	31 11	26 12	26 09	26 10	25 19	22 58
Muscat	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quetta	..	..	..	..	28 22	29 17	29 16	30 15	30 17	..	..	..	..	28 10	29 11	..	..	..	..	28 18	26 14	27 25	26 21	22 20	24 20	23 54
Sharjah	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet	18 17	18 18	18 21	..	..	..	..	..	..	No	ascent	..	..	..	..	18 14	17 13	17 12	..	..	..	..	..	..	..	..
Varaval	..									..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	27 14	27 15	27 23	27 27	27 30	27 35	29 12	27 14	25 09	27 12	25 33	28 29						
Peshawar																		
Quetta																		

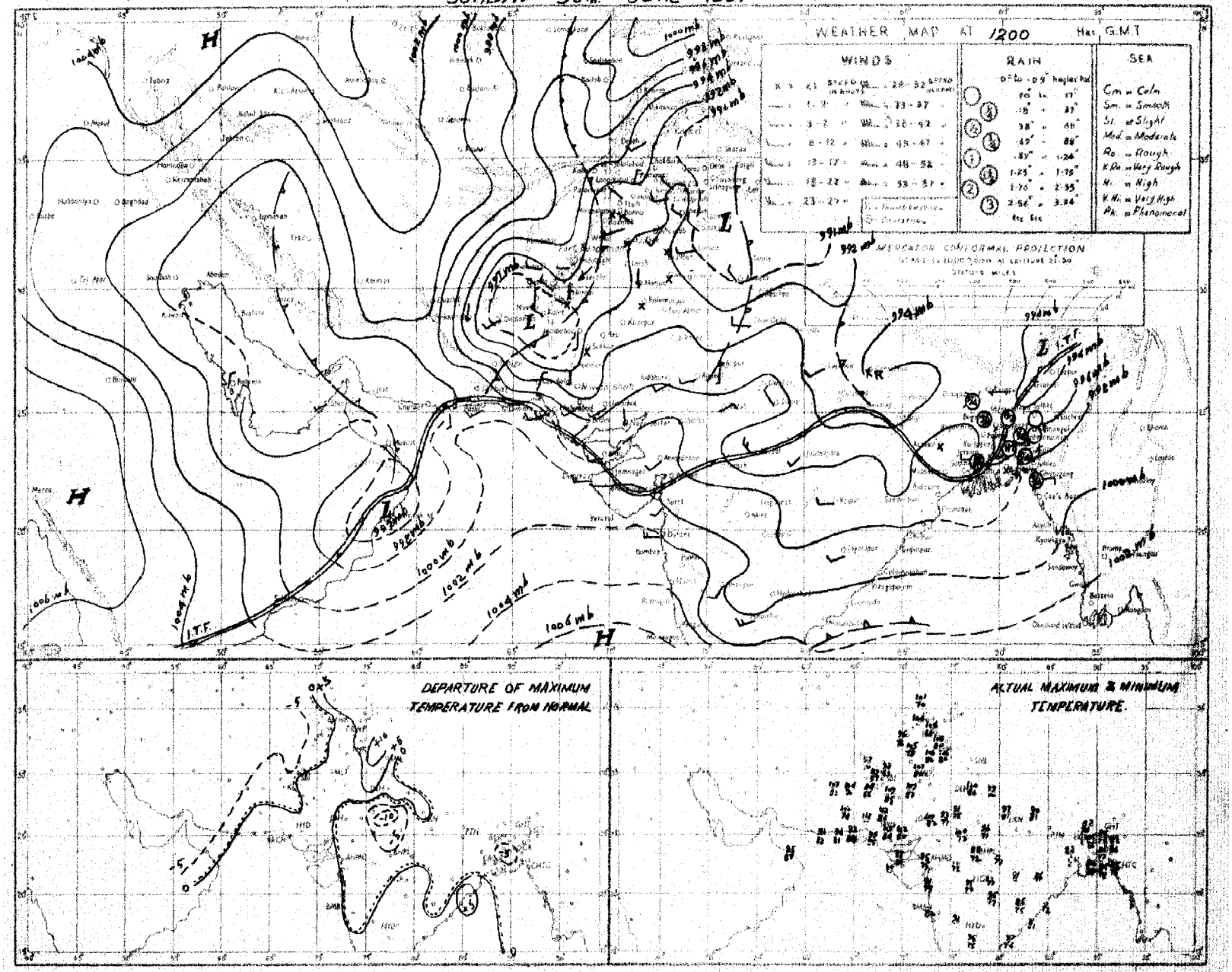
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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 Force, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

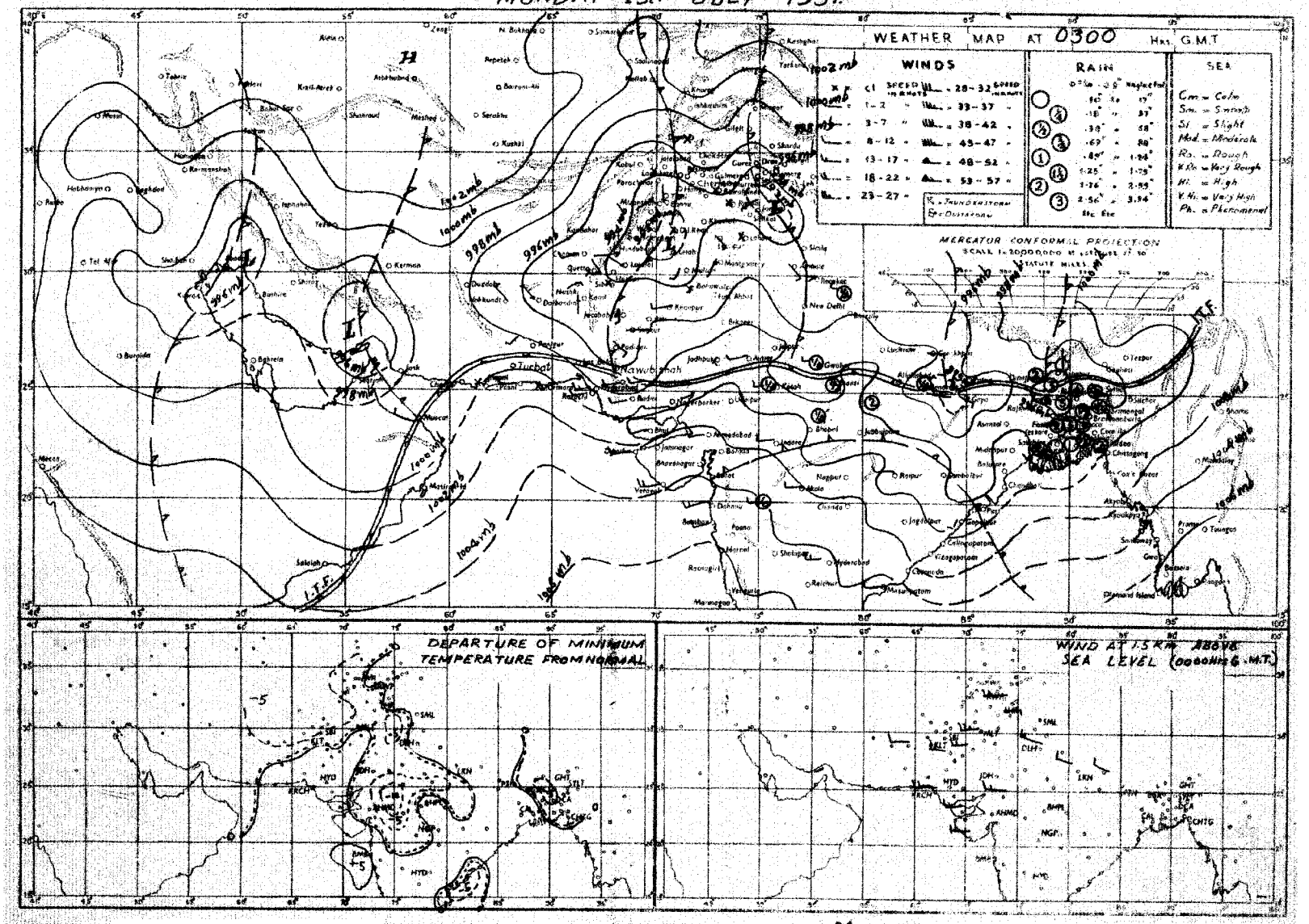
SUNDAY 30th JUNE 1957



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

PAKISTAN DAILY WEATHER MAP

MONDAY 1st JULY 1957.



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

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Reg. No. S 1467

PAKISTAN DAILY WEATHER REPORT

TUESDAY, THE 2nd JULY, 1957

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

Yesterday's low pressure wave is still moving across extreme north of West Pakistan and has caused local thunderstorm/showers in Peshawar and Rawalpindi divisions and scattered dust/thunderstorms in D. I. Khan, Quetta and Multan divisions.

A fresh low pressure wave is approaching Peshawar division.

Pressure gradient continues to be steep over Hyderabad and coastal south Kalat divisions.

An easterly wave is apparently moving across central Burma into the head Bay of Bengal where conditions may become unsettled.

Widespread rain with a few moderate to heavy falls have been reported from East Pakistan.

Chief amounts of rainfall are:—Maijdee Court 5"; Sirajganj 4"; Cox s Bazar, Khulna, and Jessore 3" each; Barisal, Satkhira and Dinajpur 2" each; Chittagong 1"; Comilla, Dacca, and Bogra ¾" each; Mymensingh and Faridpur ½" each and Cherat ¼".

Day temperatures were 2-7°F above normal over the country outside East Pakistan, Quetta and north Kalat divisions and the Federal Capital Area where they were 2-7°F below normal.

Forecast valid until the evening of 3rd:—Fairly widespread rain/thundershowers will occur in East Pakistan and local thunderstorm/showers in Peshawar, Rawalpindi divisions and Kashmir and scattered in Lahore, Quetta and D. I. Khan divisions. A few dust/thunderstorms are also likely in Multan, Bahawalpur and Khairpur divisions and dust raising winds in Hyderabad and coastal south Kalat divisions.

Earthquake report:—The Geophysical Institute, Quetta has recorded an earthquake shock of moderate intensity at its origin with its epicentre near Assam Burma boarder about 1800 miles east of Quetta at 00 hours 35 minutes and 39 seconds W. P. S. T. on 2nd July, 1957.

Karachi-11.
The 2nd July, 1957

ABDUL MAJID KHAN.
for Director. Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F. TxTx (19)
Chittagong	Cox's Bazar	239	9	7	20	05	96	03	9	988	78	5	4	6	1	9	75	19
	Chittagong	060	8	8	18	05	96	03	6	974	78	8	6	4	×	×	77	80
	Maijdee Court	450	3	6	00	00	95	81	5	958	85	2	5	5	2	×	78	79
	Comilla	019	6	8	18	10	95	50	5	964	79	8	5	4	×	×	17	80
	Brahmanbaria	000	0	7	18	02	97	63	2	962	50	1	4	4	4	4	17	83
	Sylhet	010	2	8	00	00	96	15	6	959	xx	6	5	6	8	×	78	85
	Srimangal	013	4	3	00	00	97	03	6	965	83	2	1	7	6	0	77	85
Dacca	Mymensingh	020	2	8	04	02	55	60	6	948	79	8	6	3	×	×	78	82
	Narayanganj	061	9	8	18	02	94	03	6	954	79	8	7	5	×	×	78	82
	Dacca (Tezgaon)	055	9	8	23	03	96	21	6	952	80	6	7	3	3	×	15	82
	Faridpur	068	×	8	00	00	95	51	6	948	80	0	0	4	0	0	19	81
	Barisal	151	5	8	00	00	95	64	6	957	80	6	7	9	0	1	78	85
Rajshahi	Khulna	038	8	8	13	02	46	03	5	958	11	8	5	5	×	×	81	84
	Satkhira	011	3	8	23	02	96	03	2	963	82	×	×	6	×	×	75	85
	Jessore	012	3	8	31	02	96	60	6	958	80	8	8	5	×	×	79	84
	Sirajganj	387	8	8	00	00	95	02	6	936	79	8	7	4	×	×	78	xx
	Bogra	050	8	1	13	03	95	61	6	936	79	1	1	5	0	0	78	83
	Dinajpur	162	6	8	00	00	96	61	6	948	78	8	4	5	8	0	17	86
	Rangpur	070	3	8	07	02	96	02	6	xx>	80	8	7	6	×	×	79	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	905	07	0	0	9	0	0	62	09
	Sialkot	000	0	0	00	00	97	00	0	891	09	0	0	9	0	0	60	10
Rawalpindi	Jhelum	000	0	1	13	02	97	02	0	894	07	1	2	7	0	0	55	09
	Rawalpindi	000	0	5	00	00	98	03	1	895	05	5	2	7	0	0	53	06
	Khushab	000	0	1	09	02	98	03	0	900	08	1	2	6	0	0	59	09
Multan	Lyallpur	000	0	0	20	02	96	00	0	905	05	0	0	9	0	0	65	06
	Montgomery	000	0	0	00	00	97	00	0	918	05	0	0	9	0	0	80	07
	Multan	000	0	1	31	02	96	01	0	907	05	0	0	9	0	1	64	10
Bahawalpur	Leiah																	
	Khanpur	000	0	0	23	05	96	00	0	905	11	0	0	9	0	0	90	12
	Bahawalpur																	
	Fort Abbas	000	0	0	23	03	97	00	0	925	08	0	0	9	0	0	72	10
Peshawar	Chakdara	000	0	7	xx	xx	98	29	1	899	90	0	0	8	7	0	51	03
	Peshawar	000	8	7	31	13	97	17	9	933	94	6	9	7	0	1	43	00
	Haripur	000	5	3	13	02	97	03	0	885	05	3	1	6	0	0	69	07
	Campbellpur	000	3	8	31	09	96	09	3	891	99	8	3	6	×	×	66	09
D.I. Khan	Bannu	000	1	7	36	03	98	09	3	904	97	7	0	9	7	0	52	02
	D.I. Khan	000	6	3	00	00	97	03	0	908	09	0	0	9	3	0	63	10
Quetta	Sibi	000	2	2	18	03	99	03	1	906	13	2	0	9	3	0	30	15
Kalat	Nokkund	000	0	0	11	05	99	02	0	921	03	0	0	9	0	0	36	06
	Turbat	000	0	0	28	03	97	00	0	962	xx	0	0	9	0	0	75	73
	Jiwani																	
	Pasni	000	0	1	23	14	97	03	0	992	90	0	0	9	0	3	77	95
	Ormara	000	0	0	xx	xx	98	00	0	985	93	0	0	9	0	0	83	95
	Las Bela	000	0	2	02	04	97	02	0	xxx	03	0	0	9	0	3	75	08
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	23	12	96	01	1	967	90	3	6	4	0	0	85	92
	Karachi (Air port)	000	0	3	23	12	96	03	0	971	89	3	6	5	0	0	78	95
	Badin	000	0	0	23	02	97	00	0	968	96	0	0	9	0	0	72	01
	Nagarparkar																	
	Umarkot	000	0	0	23	03	97	00	0	958	00	0	0	9	0	0	75	02
	Hyderabad	000	0	0	23	14	95	07	0	941	02	0	0	9	0	0	64	00
Khairpur	Pad-i-dan	000	0	0	13	05	98	00	0	912	12	0	0	9	0	0	58	13
	Nawabshah	000	0	1	23	05	97	33	0	919	14	1	1	7	0	0	51	15
	Sukkur	000	8	2	16	02	96	02	0	910	08	0	0	9	0	3	62	11
	Keti																	
	Jacobabad	000	0	4	18	03	96	03	0	917	12	4	0	7	5	0	40	13
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	31	05	99	00	0	973	89	0	0	9	0	0	82	89
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	5	2	31	03	98	01	1	380	78	2	1	4	0	0	48	80
Peshawar	Drosh *	000	5	6	27	09	96	29	9	388	78	6	9	6	0	0	44	96
	Cherat *	027	2	8	31	14	97	60	9	387	72	8	3	6	×	×	52	96
	Kakul *	000	0	3	07	03	99	02	5	381	90	3	2	7	0	0	58	93
D.I. Khan	Landi Kotal *	000	0	8	34	12	96	03	1	400	93	8	0	9	6	×	36	97
	Parachinar *	000	0	8	13	02	99	02	2	794	76	8	8	8	×	×	48	xx
	Miranshah *	000	0	6	31	02	98	02	0	418	95	0	0	8	4	2	53	02
	Wana *																	
Quetta	Fort Sandeman *	000	0	3	23	05	97	01	0	384	95	3	2	6	0	0	77	97
	Hindubagh *	000	0	0	27	05	98	00	0	384	87	0	3	9	0	0	50	88
	Loralai *	000	0	2	20	02	98	02	1	491	93	0	0	9	4	0	59	94
	Harnai *	000	0	2	27	03	98	02	0	xxx	xx	0	0	9	2	0	xx	xx
	Quetta *	000	4	4	27	03	96	01	3	372	89	0	0	9	0	2	71	89
Kalat	Chaman *	000	0	0	23	03	98	00	0	473	95	0	0	9	0	0	74	95
	Kalat *	000	0	0	31	07	98	00	0	394	81	0	0	9	0	0	63	85
	Nushki *	000	0	0	27	16	96	00	0	453	02	0	0	9	0	0	49	04
	Dalbandin *	000	0	4	23	03	96	03	1	409	02	4	1	7	0	0	52	05
	Panjgur *	000	0	3	23	05	98	03	1	414	98	3	0	9	4	0	33	00
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum temperature °F. TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	298	8	8	16	14	95	60	9	986	79	8	4	6	1	×	78	74	-7	-3	34.2	+0.9	45.0	104
	Chittagong	091	9	8	13	09	97	02	6	969	83	8	4	5	×	×	77	76	-6	-1	20.4	-2.0	27.8	108
	Maijdee Court	470	9	6	13	02	97	01	2	966	82	4	2	6	2	1	77	74	-7	-5	35.2	+13.2	45.4	115
	Comilla	069	9	4	18	03	99	03	6	968	84	4	4	5	0	0	77	79	-7	+2	16.4	-3.0	28.4	194
	Brahmanbaria	000	0	4	13	03	97	03	2	973	83	4	5	0	0	0	76	78	—	—	19.1	+3.9	31.9	78
	Sylhet	010	9	7	09	05	96	02	6	984	83	3	5	6	8	0	77	78	—	—	28.6	—	73.6	
	Srimangal	013	0	5	00	00	97	02	2	982	86	3	1	7	0	2	77	77	-2	-1	25.7	+5.9	22.4	98
Dacca	Mymensingh	050	9	6	09	02	98	02	6	977	81	6	4	4	0	0	78	78	-5	0	27.2	+8.6	37.9	91
	Narayanganj	111	9	8	11	05	94	03	6	964	82	8	7	4	×	×	79	77	-6	-2	22.8	+9.6	37.8	74
	Dacca (Tezgaon)	071	8	8	13	07	97	02	6	958	82	4	6	3	7	1	79	78	—	—	22.7	—	37.9	
	Faridpur	068	9	8	16	02	95	03	0	856	00	7	8	9	6	8	71	xx	-7					71
	Barisal	201	9	6	18	01	95	03	6	957	84	5	7	9	0	0	78	76	-3	-3	18.0	-1.9	25.0	81
Rajshahi	Khulna	312	3	8	00	00	97	03	6	955	80	8	5	5	×	×	79	76	-4	-2	12.8	-0.6	20.8	68
	Satkhira	222	1	8	00	00	96	03	6	947	79	×	×	6	×	×	76	77	-4	-1	10.5	-2.6	16.3	65
	Jessore	302	6	8	13	03	96	63	6	958	77	8	3	5	×	×	77	76	—	—	18.3	-5.3	22.7	65
	Sirajganj	442	4	8	00	00	96	51	6	965	78	8	7	5	×	×	77	75	—	-3	26.8	+13.7	37.7	64
	Bogra	075	9	6	00	00	96	60	6	960	78	6	6	5	0	0	77	76	-6	-2	27.4	+13.3	34.9	69
	Dinajpur	204	2	8	09	02	96	02	2	961	80	6	4	7	2	0	77	73	-3	-5	15.8	+1.1	19.1	72
	Rangpur	104	0	8	09	05	96	03	2	xxx	81	8	7	5	×	×	77	77	-2	-1	18.8	-0.1	60.7	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	932	93	0	0	9	0	0	58	83	+7	+3	0.4	-1.5	9.1	19
	Sialkot	000	0	0	00	00	97	00	0	921	94	0	0	9	0	0	60	82	+10	+1	0.5	-2.4	23.8	32
Rawalpindi	Jhelum	000	0	1	31	03	97	02	0	934	93	1	0	9	3	0	57	79	—	—	1.3	—	12.0	..
	Rawalpindi	000	9	4	00	00	99	01	9	943	89	4	0	9	3	0	59	74	+5	-3	1.4	-1.3	15.5	36
	Khushab	016	0	1	00	00	99	03	9	946	87	0	0	9	0	9	70	75	+6	-8	1.3	-0.3	9.6	15
Multan	Lyallpur	000	0	0	16	02	96	00	0	954	81	0	0	9	0	0	62	81	+2	-2	0.8	-0.5	7.0	12
	Montgomery	000	0	0	00	00	97	00	0	952	82	0	0	9	0	0	73	79	+2	-5	0.2	-0.9	4.0	10
	Multan	000	0	9	00	00	96	00	0	942	85	0	0	9	0	0	64	81	+7	-5	0.7	0	4.0	7
Bahawalpur	Leiah																							..
	Khanpur	000	0	0	23	04	96	00	0	951	88	0	0	9	0	0	88	73	+1	-10	0	-0.4	1.0	6
	Bahawalpur	000	0	0	20	10	96	05	0	948	90	0	0	9	0	0	75	82		-2	0.1	-0.3	1.0	6
	Fort Abbas	000	0	0	23	14	96	07	0	948	91	0	0	9	0	0	78	88	—	—	0	—	2.9	8
Peshawar	Chakdara	000	0	4	00	00	97	01	1	944	82	0	×	8	8	×	57	59	—	—	0.3	—	15.1	..
	Peshawar	000	9	1	13	03	97	01	9	945	88	1	0	9	3	0	52	73	-4	-7	0	-0.3	11.1	14
	Haripur	000	0	2	23	02	97	03	1	944	84	2	0	9	0	2	63	72	—	—	0.5	—	14.8	..
	Campbellpur	000	0	0	00	00	98	00	0	951	85	0	0	9	0	0	61	73	—	—	0	—	13.7	..
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	951	85	0	0	9	0	0	62	77	—	—	0	—	6.7	11
	D.I. Khan	000	0	0	00	00	97	00	0	934	89	0	0	9	0	0	61	79	+5	-1	0.5	-0.1	5.7	10
Quetta	Sibi	000	0	0	00	00	99	00	0	946	91	0	0	9	0	0	56	86	—	—	0.3	—	4.9	5
Kalat	Nokkund	000	0	0	34	09	99	02	0	971	90	0	0	9	0	0	41	82	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	97	00	0	004	86	0	0	9	0	0	80	84	—	—	2.1	—	5.3	..
	Jiwani	000	0	4	00	00	97	01	2	001	84	4	5	5	0	0	76	81	—	—	0	—	3.1	4
	Pasni	000	0	5	00	00	94	05	0	016	82	5	5	7	0	0	79	79	+3	0	0	-0.3	6.3	6
	Ormara	000	0	6	00	00	98	02	1	016	85	6	0	9	4	0	81	82	—	—	0	0	3.8	6
	Las Bela																		—					8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	27	09	96	01	1	996	87	5	6	4	0	0	83	83	+2	+1	0	-0.8	0.5	8
	Karachi (Air port)	000	0	3	27	12	97	02	0	999	87	3	6	5	0	0	80	84	—	—	0	—	0.4	..
	Badin	000	0	0	23	02	96	00	0	001	88	0	0	9	0	0	77	xx	+4	—	0	-1.5	1.3	9
	Nagarparkar																							..
	Umarkot	000	0	0	23	03	97	00	0	981	86	0	0	9	0	0	81	81	—	—	2.6	—	2.6	..
	Hyderabad	000	0	2	23	12	96	07	0	979	87	0	0	9	0	5	74	82	-1	0	0	-0.5	1.8	..
Khairpur	Pad-i-dan	000	0	3	18	05	98	01	1	937	92	0	0	9	0	2	66	84	—	—	0	—	1.2	..
	Nawabshah	000	9	1	18	10	97	01	9	996	01	1	0	9	3	0	75	85	—	—	0.1	—	0.6	..
	Sukkur	000	9	3	20	05	96	03	0	936	90	0	0	9	0	8	73	86	—	—	0	—	2.8	4
	Keti																							
	Jacobabad	000	0	2	09	05	96	02	0	944	91	0	0	9	0	5	65	84	+2	-1	0	-0.3	3.6	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	0	0	36	05	99	00	0	985	88	0	0	9	0	0	84	86	-9	-4	0	-0.1	6.6	4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							..
	Misgar **																							..
	Aliabad *																							
	Gilgit *																							
Rawalpindi	Murree *	041	9	1	11	07	98	01	9	391	72	1	0	7	8	0	45	57	+4	-2	3.0	-1.6	36.9	59
Peshawar	Drosh *	000	3	8	00	00	96	03	9	392	69	8	5	6	0	0	47	66	+1	-5	0.3	—	22.5	18
	Cherat *	037	0	0	36	03	97	00	0	397	75	0	0	9	0	0	48	67	+5	-5	0.8	-0.4	21.3	29
	Kakul *	004	7	1	34	05	99	01	9	400	76	0	0	9	8	0	56	67	—	—	2.3	—	30.6	..
D.I. Khan	Landi Kotal *	000	9	2	00	00	98	03	9	398	83	2	0	9	5	0	43	69	—	—	0.1	—	15.1	29
	Parachinar *	000	0	0	00	00	99	00	0	793	70	0	0	9	0	0	49	xx	×	×	2.4	—	19.0	13
	Miranshah *	000	0	0	00	00	99	00	1	433	81	0	0	9	0	0	57	72	—	—	0.1	-0.8	0.5	11
	Wana *																							11
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	405	77	0	0	9	0	0	53	72	-6	-4	0.8	+0.1	11.3	
	Hindubagh *																		—	—				..
	Loralai *	000	0	0	31	02	98	00	0	452	71	0	0	9	0	0	33	61	—	—	1.6	—	9.8	14
	Harnai *	000	0	0	27	01	98	00	0	xxx	xx	—	—	—	—	—	—	—	×	×	0.6	-0.3	14.4	9
	Quetta *	000	0	0	18	02	97	00	0	401	70	0	0	9	0	0	56	55	—	—	0	-0.2	9.9	8
Kalat	Chaman *	000	0	0	00	00	97	00	0	446	82	0	0	9	0	0	66	70	-7	-6	0	0	9.9	..
	Kalat *	000	0	0	27	02	98	00	0	407	75	0	0	9	0	0	50	56	-6	-6	0	-0.2	8.4	..
	Nushki *	000	0	0	09	04	97	00	0	526	83	0	0	9	0	0	33	78	—	—	0	—	8.0	..
	Dalbandin *	000	0	0	23	03	96	02	0	408	82	0	0	7	0	0	47	73	-4	-2	0	0	4.4	
	Panjgur *	000	0	0	00	00	98	00	0	421	78	0	0	9	0	0	48	74	-3	0	0	—	4.2	
Afghanistan	Kabul *																							
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

TUESDAY, THE 2nd JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I_d w_d w_d P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caledonia	23 203	607 00	7 22 30	97 02 7	995 81	75 5 00	5 5 508	..	0 51 79	1 23 ×9
Ranger	23 218	626 06	4 22 18	97 01 1	037 83	21 3 50	2 2 410	..	0 51 78	1 22 33

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	996 292 288	..	..	410 255 165	..	137 188 065	439 112 528	936 022 602	720 550 990	995 613	300 754	..	774 947
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	823 175 548	Missda											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE Sc. HHHH TT	Sc. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	09 00	900 272 232	877 268 228	800 232 112	615 122 518	543 052 592	517 035 595	350 585 998	250 670 990	156 920 990	055 995 995	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Missda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of 9C.)
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ..	No	ascent	..	..	..	..	..	..	..	No	ascent	..	..	..	..
Chaklala ..	..		..	..	..	..	..	..	..	..		..	..	..	..
Chhor ..	22 21	23 24	23 26	..	..	..	..	..	..	23 23	24 32	26 28	27 25	..	..
Chittagong ..	20 17	21 17	23 22	23 20	..	..	..	..	..	16 26	17 30	16 29	17 22	16 25	..
Cox's Bazar ..	No	ascent			..	..	..	..	..	No	ascent	..	..	..	..
Dacca ..	23 17									16 23	20 26				
Dalbandin ..	..	..	23 20	23 27	25 09	25 12	27 27	..	..	..	..	28 09	33 10	27 18	35 09
D. I. Khan ..	..	..	..					..		..		..		..	..
Drosh ..	..	..	..	22 03	02 02	06 05	03 11	33 14		..		..		04 02	08 03
Fort Sandeman ..	..	..	..	33 15	23 26	24 25	25 15	26 11	27 14	..		..	19 03	21 10	26 05
Jacobabad ..	18 05	21 06	21 08	28 12	28 12	27 15	26 12	24 17	..	20 21	22 43	25 39	26 27	28 32	29 53
Jessore ..															
Jhelum ..	16 02	18 03	19 02	30 03	30 02	01 08	32 11	30 13	27 12	35 25	02 21	36 13	32 17	32 22	27 18
Jiwani ..	17 22	18 07	20 05	24 03						11 19	13 07	13 06			
Karachi ..	24 17	27 23	28 26	30 29	29 25	29 20	..		..	26 20	26 26	26 13	25 16	25 13	27 14
Khanpur ..	23 10	22 12	22 12	20 10	28 04	29 06	29 17	28 20	26 15	33 04	26 12	25 32	29 43		
Lahore ..	29 03	27 06	27 06	25 09	27 09	28 10	29 12	33 15	33 17	02 15	02 26	02 25	01 15	27 06	25 13
Multan ..	23 03	23 06	23 06	27 07	30 08	27 12	26 15	24 17	24 17	08 19	09 21	11 21			
Muscat ..	..									..		..			
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..						..	28 10	34 10	36 07	36 08	34 06
Quetta ..	..	..		..	29 20	29 15	28 13	27 13	27 22	..				21 09	27 05
Sharjah ..				..						..					
Sylhet ..	12 13	36 16	15 17	..	..	..	..	..	..	12 11	16 13	17 19	..	..	..
Veraval ..															

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	13 17	12 16									
Chaklala ..	..	21 03	32 02	28 04	25 09	26 04	23 16	24 12	22 22	21 33	22 53
Chhor ..											
Chittagong ..	15 27	16 28	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	No	ascent									
Dacca ..	11 17										
Dalbandin ..	..	..	25 09	26 15	31 13	31 14	29 18	29 14	29 13	27 09	28 25
D. I. Khan ..	..	..	..								
Drosh ..	..	..	..	..	22 05	25 04	04 02	27 07	29 12	..	..
Fort Sandeman ..	..	..	..	31 06	35 06	34 07	02 14	36 13	36 15	35 20	32 25
Jacobabad ..	13 05	34 03	34 07	34 09	33 06	28 05	22 05	21 11	24 13		
Jessore ..											
Jhelum ..	32 06	31 09	28 07	26 07	24 04	26 12	27 21	27 26	26 31	23 36	23 46
Jiwani ..	15 06	13 02	11 03	32 09	01 06	02 05	..				
Karachi ..	25 22	26 17	27 19								
Khanpur ..	22 06	22 06	27 01	22 06	23 04	24 10	25 13				
Lahore ..	22 09	29 08	27 06	28 05	27 09	29 12	27 15	25 17	22 18	19 24	23 39
Multan ..	03 03	03 07	04 07	04 04	32 04	30 13	26 19	24 23	23 25	23 26	22 53
Muscat ..	..										
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	06 07	31 04	33 10	32 10	33 16	28 16	25 19	25 21	25 19	27 22
Quetta ..					23 04	24 15	28 12	25 07	25 06	28 22	22 49
Sharjah ..	..	..	..	..							
Sylhet ..	12 03	13 05	12 07	12 11	12 19	13 26	12 23	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 07	27 12	27 19	26 23	26 23	26 20	29 06	34 14	36 15	27 14	23 42	22 47	22 35	23 39	23 38	23 29	15 20	21 15
Peshawar ..																		
Quetta ..																		

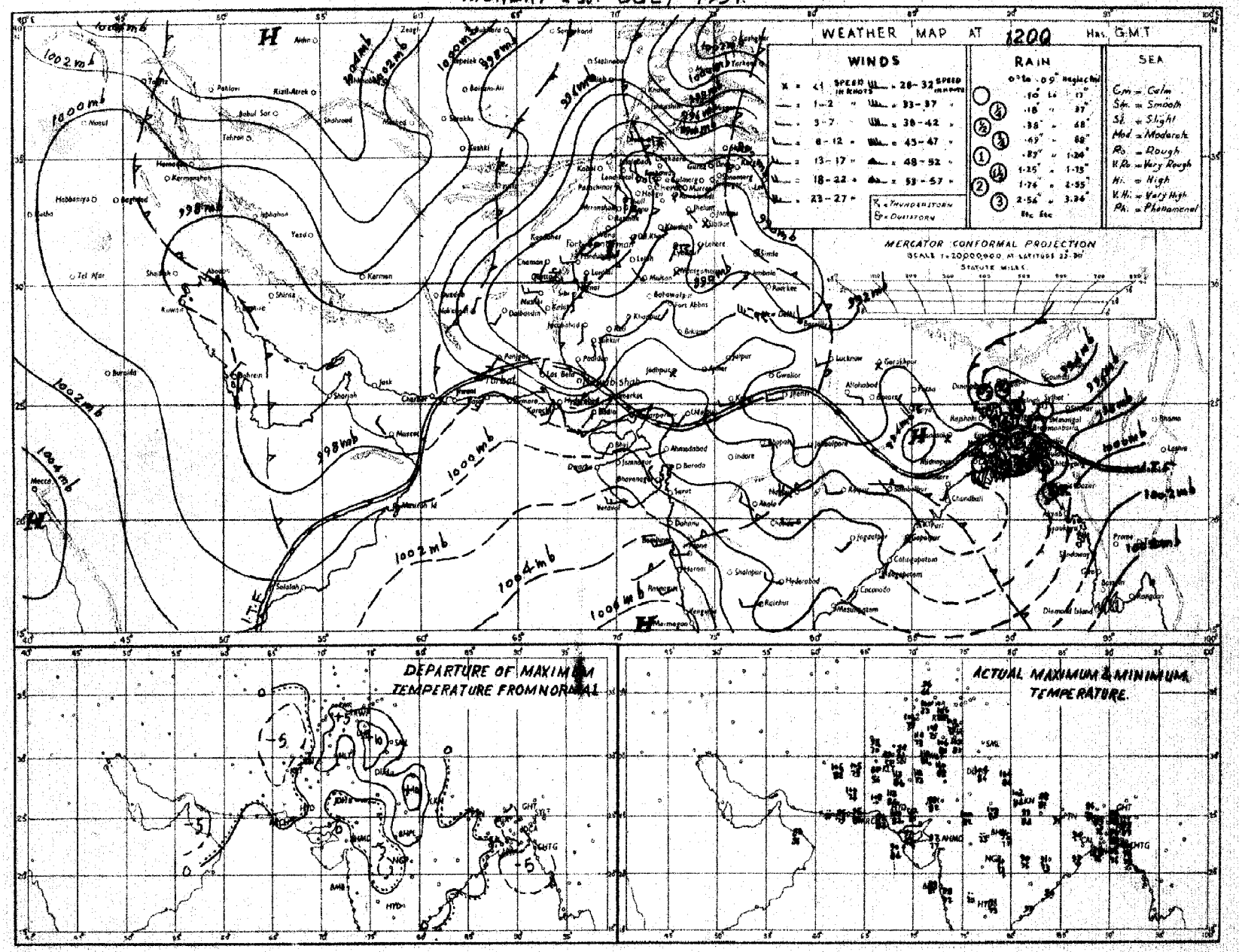
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_fv_f$ etc)

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.

PAKISTAN DAILY WEATHER MAP

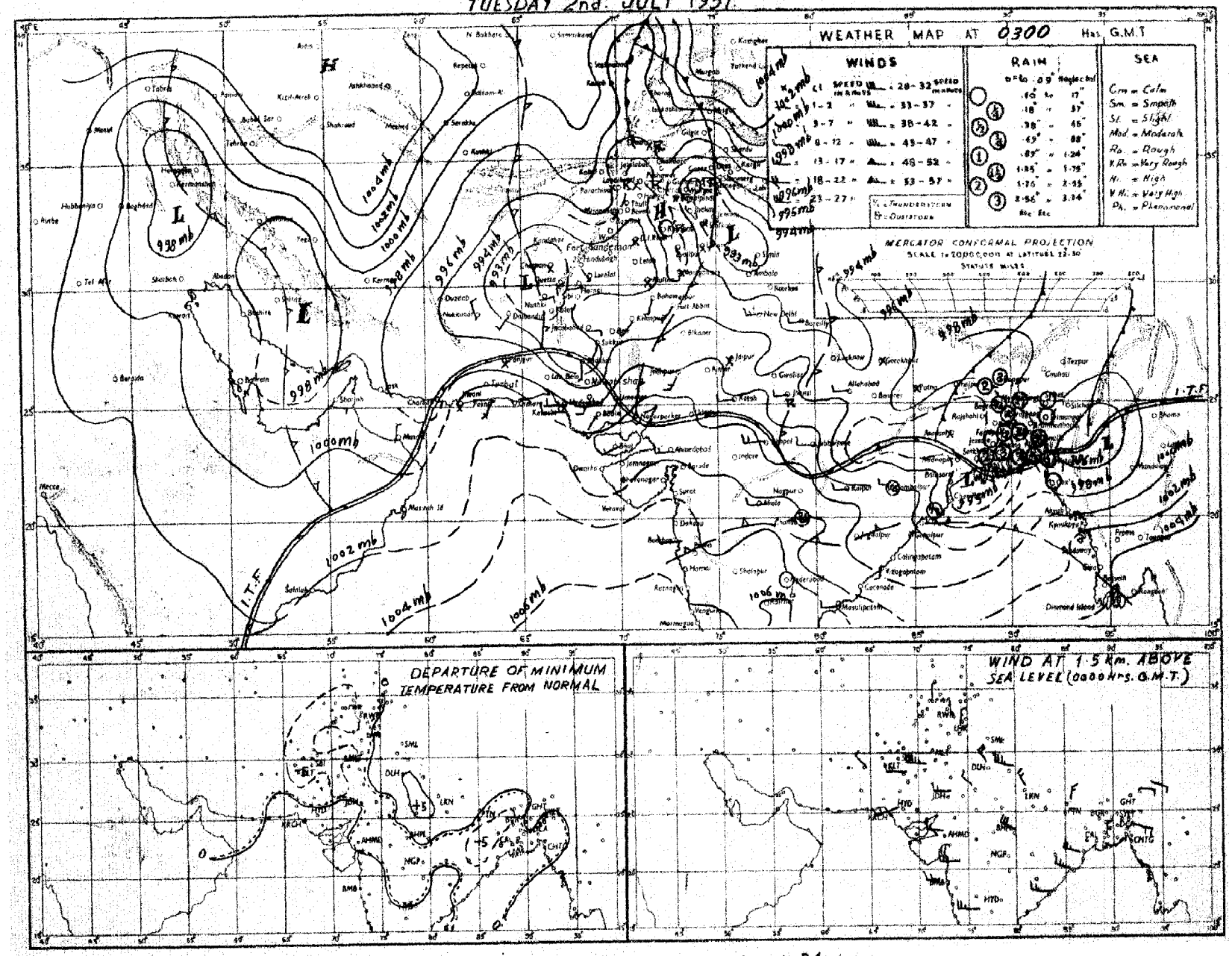
MONDAY 1st: JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 2nd JULY 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

WEDNESAY, THE 3rd JULY, 1957

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

Yesterday's low pressure wave over the extreme north of West Pakistan has moved away eastwards after causing scattered thunderstorm in Peshawar division.

The other low pressure wave is now moving across Peshawar division and Kashmir.

Isolated duststorm has been reported from south Kalat division.

Yesterday's easterly wave now lies over west Bengal.

Fairly widespread rain has been reported from Chittagong and Dacca divisions and local from Rajshahi division.

Chief amounts of rainfall are:—Cox's Bazar, 4"; Jessore 1"; Khulna, ⅞"; Maijdee Court ¼" and Chittagong, Comilla, Srimangal, Barisal ¼" each.

Day temperatures were 3-6°F below normal in Quetta, Kalat and Peshawar divisions and 3-6°F above normal in Rawalpindi, Lahore, D. I. Khan, Multan and Hyderabad divisions.

Forecast valid until the evening of 4th:—Fairly widespread rain with scattered thundershowers will occur in East Pakistan and scattered thunderstorm/showers in Peshawar, Rawalpindi divisions and Kashmir. A few dust/thunderstorms are also likely over Multan division.

Earthquake report:—The Geophysical institute, Quetta, recorded two earthquakes of considerable intensity at their origin at 10 hours 35 minutes 39 seconds and 05 hours 45 minutes 35 seconds W.P.S.T. on 2nd July, 1957 with their epicentres near Assam-Burma border about 1800 miles east of Quetta and western Iran latitude 34½°N longitude 50°E about 1000 miles northwest of Quetta respectively.

Karachi-11.
The 3rd July, 1957

OBSERVATIONS

ABDUL MAJID KHAN.
for Director, Meteorological Service.

DIVISIONS	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Ws	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Ws	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature °F TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	080	9	6	16	07	95	60	6	953	79	6	4	6	1	×	76	81	227	9	8	18	10	95	62	6	993	79	8	4	6	2	×	79	76	- 5	- 1	38.6	+ 4.3	49.5	104
	Chittagong	005	8	7	16	13	96	01	6	943	83	7	4	4	0	0	77	84	022	5	8	16	00	96	50	2	984	79	8	6	4	×	×	78	77	- 2	0	20.6	- 2.5	77	108
	Maijdee Court	000	9	8	16	05	96	03	2	940	81	3	4	5	2	×	77	84	060	6	8	00	00	96	02	2	970	80	4	5	5	×	×	78	77	- 2	- 2	35.8	+ 13.1	48.4	115
	Comilla	030	4	0	00	00	99	00	0	951	83	0	0	9	0	0	16	89	030	9	8	18	10	99	01	6	974	83	8	5	5	×	×	77	77	+ 2	0	16.7	- 3.2	28.7	194
	Brahmanbaria	007	5	3	13	02	97	03	7	944	81	3	5	5	0	0	77	90	007	9	4	13	07	97	03	2	978	86	4	5	3	0	0	77	79	—	—	19.2	+ 3.7	32.0	78
	Sylhet	000	9	4	00	00	97	03	1	935	90	1	1	6	7	8	75	90	003	8	7	00	00	97	01	6	984	84	5	5	6	7	0	81	79	—	—	28.7	—	23.7	...
	Srimangal	021	9	7	00	00	97	61	1	946	81	7	5	6	0	0	79	92	024	9	3	00	00	97	02	1	984	87	2	1	7	0	1	76	77	+ 5	- 1	25.9	+ 5.7	22.6	99
Dacca	Mymensingh	000	0	8	09	02	97	02	2	940	81	8	4	5	×	×	78	88	000	0	8	09	05	98	02	2	977	84	8	7	4	×	×	77	80	+ 1	+ 2	2.7	+ 8.1	37.9	91
	Narayanganj	005	2	8	13	03	94	03	6	932	82	8	7	4	×	×	78	87	005	9	7	11	07	95	03	6	967	85	6	4	4	3	0	79	79	- 1	0	22.8	+ 9.2	37.8	74
	Dacca (Tejgaon)	006	5	7	13	03	97	21	6	929	81	4	5	4	3	0	78	87	006	9	7	13	09	97	01	6	965	84	6	5	4	3	0	70	79	—	0	22.7	—	37.9	...
	Faridpur	005	9	6	16	02	96	50	5	920	82	6	7	6	0	0	78	86	017	9	7	13	02	96	50	5	959	83	7	7	6	0	0	79	77	- 2	- 1	14.6	+ 0.7	16.3	71
	Barisal	018	4	8	13	02	95	53	5	973	80	6	0	9	6	0	79	87	020	9	6	18	02	95	02	5	956	85	5	7	9	0	0	79	79	- 1	0	18.2	+ 1.6	25.2	81
Rajshahi	Khulna	013	2	8	13	02	97	03	6	920	83	8	5	5	×	×	80	89	083	9	8	13	03	97	03	6	957	86	8	5	6	×	×	80	78	+ 1	0	13.6	- 0.2	21.7	68
	Satkhira	029	4	8	00	00	96	03	6	918	81	×	×	6	×	×	79	89	012	0	6	00	00	97	03	2	950	81	4	5	7	9	0	78	78	- 1	0	10.7	- 3.0	16.4	65
	Jessore	008	9	8	13	02	97	02	6	913	84	8	8	6	×	×	80	88	120	6	7	13	10	97	03	6	950	84	4	4	5	6	0	80	77	—	0	19.5	+ 6.1	23.9	65
	Sirajganj	000	0	8	16	01	96	00	0	922	81	8	5	6	9	×	77	87	000	0	8	13	04	96	02	2	962	82	8	4	5	0	0	78	78	0	0	26.8	+ 13.3	37.7	64
	Bogra	000	0	0	09	02	96	00	1	924	87	0	0	9	0	0	79	87	002	0	6	13	02	97	01	1	962	81	4	4	6	3	8	75	78	—	0	27.4	+ 12.8	34.9	69
	Dinajpur	000	2	3	00	00	96	00	0	936	86	0	0	9	2	0	77	89	000	0	0	09	03	96	02	0	972	84	0	0	9	2	0	77	76	—	- 2	15.8	+ 0.5	19.1	72
	Rangpur	000	0	1	09	02	96	01	1	×××	88	1	5	6	0	0	80	89	000	0	5	09	05	96	03	1	×××	87	5	4	6	0	0	75	78	+ 1	0	18.8	- 0.6	80.7	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	0	27	03	96	02	0	912	07	0	0	9	0	0	58	08	000	0	0	00	00	96	02	0	949	93	0	0	9	0	0	65	83	+ 6	+ 3	0.4	- 1.6	9.1	19
	Sialkot	000	0	0	31	02	97	00	0	899	09	0	0	9	0	0	58	11	000	0	0	00	00	97	00	0	942	94	0	0	9	0	0	57	80	+ 11	- 1	0.5	- 2.7	23.8	32
Rawalpindi	Jhelum	000	0	0	31	05	97	02	0	897	09	0	0	9	0	0	51	09	000	0	0	31	03	97	02	0	947	93	0	0	9	0	0	55	79	—	—	1.3	—	12.0	...
	Rawalpindi	000	0	1	27	02	99	02	0	904	02	1	2	7	0	0	48	04	000	0	3	00	00	99	01	1	964	85	3	0	9	3	0	58	69	+ 4	- 8	1.4	- 1.5	19.5	36
	Murree	000	0	1	18	05	99	03	0	912	05	1	2	6	0	0	55	06	000	0	0	00	00	98	00	0	950	95	0	0	9	0	0	68	81	+ 2	- 2	1.3	- 0.4	9.6	19
Multan	Lyallpur	000	0	0	31	02	96	00	0	916	05	0	0	9	0	0	62	96	000	0	0	25	02	96	00	0	955	90	0	0	9	0	0	67	80	+ 2	- 3	0.8	- 0.6	7.0	12
	Montgomery	000	0	0	00	00	98	00	0	928	06	0	0	9	0	0	78	08	000	0	0	00	00	97	00	0	967	92	0	0	9	0	0	75	79	+ 3	- 5	0.2	- 1.0	4.0	10
	Multan	000	0	0	31	12	96	00	0	929	05	0	0	9	0	0	64	09	000	0	0	18	02	96	00	0	951	85	0	0	9	0	0	68	82	+ 6	- 4	0.7	+ 0.2	4.0	7
Bahawalpur	Leiah																																								
	Khanpur	000	0	0	23	04	96	00	0	917	08	0	0	9	0	0	91	09	000	0	0	23	06	96	00	0	967	85	0	0	9	0	0	81	72	+ 2	- 11	0	- 0.5	1.0	6
	Bahawalpur	000	0	0	00	00	97	00	0	929	07	0	0	9	0	0	86	08	000	0	0	20	03	96	05	0	965	89	0	0	9	0	0	75	85	+ 3	+ 1	0.1	+ 0.4	1.0	6
	Fort Abbas	000	0	1	23	03	97	03	0	919	10	1	1	6	0	0	69	12	000	0	0	23	03	97	08	0	969	92	0	0	9	0	0	87	87	—	—	0	—	2.9	8
Peshawar	Chakdara	000	0	3	××	××	97	29	9	×××	99	3	6	7	0	0	46	00	000	0	0	00	00	98	00	0	963	79	0	0	9	0	0	52	60	—	—	0.3	—	16.1	...
	Peshawar	000	0	4	09	03	97	02	1	905	02	3	9	6	0	1	49	03	000	0	1	00	00	97	02	0	956	94	0	0	9	0	0	54	78	- 1	- 2	0	- 0.4	11.1	14
	Kohat	000	4	3	18	02	97	03	0	993	04	3	3	2	0	0	58	05	000	0	0	36	02	97	00	0	978	87	0	0	9	0	0	63	73	—	—	0.5	—	14.6	...
	Campbellpur	000	0	2	31	03	98	03	1	909	04	2	2	6	0	0	43	04	000	0	0	05	03	98	00	0	960	91	0	0	9	0	0	49	80	—	—	0	—	13.7	...
D. I. Khan	Bannu	000	3	3	13	02	99	00	1	908	02	3	0	9	0	3	59	04	000	0	0	31	02	99	00	0	956	90	0	0	9	0	0	63	81	—	—	0	—	6.7	11
	D.I. Khan	000	0	2	00	00	98	03	0	927	08	0	0	9	0	2	59	09	000	0	0	00	00	98	00	0	940	91	0	0	9	0	0	68	82	+ 4	- 1	0.5	- 0.2	9.7	10
Quetta	Sibi	000	0	0	18	02	99	00	0	896	14	0	0	9	0	0	27	15	000	0	0	18	01	98	00	0	959	91	0	0	9	0	0	57	85	—	—	0.3	—	4.9	5
	Nokkundi	000	0	0	34	09	98	02	0	921	03	0	0	9	0	0	27	05	980	0	0	34	02	99	02	0	968	93	0	0	9	0	0	39	79	—	—	0	—	1.9	2
	Turbat	000	0	0	××	02	97	00	0	993	03	0	0	9	0	0	80	08	000	0	0	13	02	98	03	0	004	91	0	0	9	1	0	79	85	—	—	2.1	—	5.3	...
	Jiwani	000	3	3	18	12	96	01	1	973	87	3	6	4	0	0	73	90	000	0	5	00	00	96	02	1	011	84	5	6	4	0	0	75	78	—	—	0	—	3.1	4
Kalat	Pasni	000	0	1	23	16	99	00	0	991	90	1	5	7	0	0	77	73	000	0	5	00	00	96	05	0	023	83	5	5	7	0	0	79	79	+ 1	0	0	- 0.3	6.2	6
	Ormara	000	0	0	××	07	98	00	0	989	90	0	0	9	0	0	83	91	000	0	6	00	00	98	02	1	030	84	6	4	5	0	0	81	81	—	—	0	0	3.5	8
	Las Bela	000	0	2	02	04	98	20	3	957	97	2	0	9	2	0	86	05																		—					
Karachi Federal Area & Hyderabad	Karachi (Mauripur)	000	0	2	25	12	97	02	0	972	90	2	6	4	0	0	86	92	000	0	4	25	07	96	03	0	000	86	4	6	4	0	0	82	81	+ 2	+ 1	0	- 0.8	0.5	8
	Karachi (Air port)	000	0	4	23	16	96	07	1	974	90	4	5	5	0	0	82	93	000	0	6	15	10	96	03	2	006	86	6	6	5	0	0	78	82	—	—	0	—	0.4	...
	Badin	000	0	0	23	02	97	00	0	984	97	0	0	9	0	0	72	01	000	0	0	23	02	96	00	0	016	87	0	0	9	0	0	77	××	+ 4	—	0	- 1.7	1.3	9
	Nagarparkar	×××	×	2	18	31	97	20	7	×××	××	2	0	9	0	0	××	××	×××	×	0	18	05	97	00	3	×××	××	0	0	9	0	0	××	××	—	—	—	—	—	...
	Umarkot	000	0	0	23	03	97	00	0	969	00	0	0	9	0	0	72	03	000	0	0	23	03	97	00	0	975	86	0	0	9	0	0	78	81	—	—	2.6	—	2.6	...
	Hyderabad	000	0	0	20	12	96	07	0	951	98	0	0	9	0	0	70	02	000	0	0	20	14	96	07	0	986	87	0	0	9	0	0	71	82	+ 1	0	0	- 0.6	1.8	...
Khairpur	Padidan	000	0	1	18	05	98	02	1	915	11	1	1	7	0	0	50	14	000	0	0	18	09	98	03	0	960	90	0	0	9	0	0	68	80	—	—	0	—	1.2	...
	Nawabshah	000	0	0	18	09	97	22	0	928	08	0	0	9	0	0	68	10																		—					
	Sukkur	000	8	1	00	00	96	01	0	912	06	0	0	9	0	3	64	10	000	9	0	20	02	96	00	0	953	85	0	0	9	0	0	72	81	—	—	0	—	2.8	4
	Rati																																								
	Jacobabad	000	0	0	13	03	96	02	0	910	12	0	0	9	0	0	46	12	000	0	0	18	09	96	02	0	959	90	0	0	9	0	0	66	83	+ 1	- 2	0	- 0.3	3.6	4
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								...
Arabia	Muscat	000	0	0	05	05	99	00	0	967	90	0	0	9	0	0	83	92	000	0	0	09	02	99	00	0	990	08	9	0	0	9	0	84	86	- 6		0	- 0.1	6.6	4
	Kuwait																																								3
	HILL STATIONS																																								26
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								...
	Skardu *																																								...
	Magar **	000	0	5	13	07	98	02	1	031	63	5	2	9	0	0	29	72	000	0	0	00	00	98	00	0	044	53	0	0	9	0	0	35	46	—	—	—	—	—	...
	Allabad *																																								...
	Gilgit *																																								...
Rawalpindi	Murree *	000	9	3	29	03	98	01	1	383	78	2	1	4	8	0	46	82	000	9	0	27	03	98	00	1	411	73	0	0	9	0	0	48	62	+ 6	+ 3	3.0	- 1.9	34.9	59
	Drosh *	000	0	1	36	03	97	03	2	372	84	6	9	6	0	0	45	90	003	9	3	00	00	96	03	9	423	69	3	2	7	0	0	55	62	- 5	- 9	0.3	—	22.6	18
Peshawar	Chitral *	000	0	1	36	03	97	03	0	400	89	0	0	9	0	9	48	93	000	0	0	36	07	97	00	0	419	79	0	0	9	0	0	48	75	- 1	+ 3	0.8	- 0.6	21.3	29
	Kakul *	000	8	5	27	03	99	03	1	392	91	5	8	8	0	0	56	94	000	9	0	36	03	98	03	9	418	77	0	0	9	0	0	55	68	—	—	1.3	—	30.4	...
D. I. Khan	Landi Kotal *	000	0	4	00	00	97	03	0	390	93	4	0	9	8	0	33	××	000	0	0	00	00	98	00	0	413	84	0	0	9	0	0	45	69	—	—	0.1	—	15.1	...
	Parachinar *	000	0	0	13	02	99	00	0	794	76	0	0	9	0	0	48	98	000	0	0	00	00	99	00	0	793	70	0	0	9	0	0	49	××	—	—	2.4	—	19.0	29
	Miranshah *	000	0	0	00	00	99	00	1	426	96	0	0	9	0	0	59	95	000	0	0	00	00	99	00	0	449	84	0	0	9	0	0	61	78	—	—	0.1	- 0.9	0.5	13
	Wana *	000	1	4	30	03	97	00	1	072	03	4	3	6	0	0	33	96	000	0	0	00	00	96	00	0	410	79	0	0	9	0	0	44	61	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	6	36	02	96	03	0	395	92	6	0	9	3	0	72	90	000	0	0	00	00	96	00	0	426	79	0	0	9	0	0	42	72	- 7	- 4	0.8	+ 0.1	11.3	11
	Hindubagh *	000	0	0	27	05	98	00	0	384	88	0	0	9	0	0	47	93	000	0	0	27	02	98	00	0	422	74	0	0	9	0	0	49	57	—	—	—	—	—	...
	Loralai *	000	0	5	16	05	98	02	1	491	91	0	0	9	2	0	32	××	000	0	0	31	02	98	00	0	450	73	0	0	9	0	0	37	65	—	—	1.6	—	9.8	14
	Harnai *	000	0	4	18	02	98	00	0	×××	××	0	0	9	0	0	××	××	000	0	0	27	01	98	00	0	×××	××	—	—	—	—	—	—	—	—	—	0.6	- 0.3	14.4	9
	Quetta *	000	0	3	31	03	97	01	0	378	88	0	0	9	0	0	74	90	000	0	0	00	00	96	00	0	416	78	0	0	9	0	0	61	59	—	—	0	- 0.2	9.9	8
	Chaman *	000	0	0	23	07	98	00	0	392	95	0	0	9	0	0	79	96	000	0	0	27	03	97	00	0	418	85	0	0	9	0	0	72	73	- 6	- 3	0	0	9.9	...
Kalat	Kalat *	000	0	0	18	07	98	00	0	390	83	0	0	9	7	0	59	86	000	0	0	18	05	98	00	0	437	71	0	0	9	0	0	63	57	- 5	- 5	0	- 0.2	8.4	...
	Nushki *	000	0	0	23	09	96	00	0	473	02	0	0	9	0	0	43	03	000	0	0	09	04	97	00	0	536	84	0	0	9	0	0	42	79	—	—	0	—	8.0	4
Afghanistan	Dalbandin *	000	6	4	23	10	95	07	0	402	01	4	1	7	0	0	52	00	000	9	0	00	00	95	05	0	418	83	0	0	9	0	0	40	69	- 6	- 6	0	0	4.4	...
	Panjgur *	000	0	0	31	05	98	00	0	418	99	0	0	9	0	0	27		000	0	0	27	02	98	00	0	426	79	0	0	9	0	0	44	73	- 3	- 1	0	—	4.2	...
	Kabul *																																								...
	Kandahar *																																								...

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given for RRR see the Summary above for the actual amounts of rainfall).

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY, THE 3rd JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I_d w_d w_d P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	33 250	623 12	0 21 10	98 02 0	006 85	00 9 00	5 4 701	..	0 03 77	1 21 52
Wangranger	33 209	614 12	7 22 30	97 05 4	017 84	71 4 ××	5 1 717	..	..	..
Dwarka	33 246	610 18	0 21 08	97 03 0	982 83	00 9 00	5 4 400	..	0 52 79	
Dalila	32 263	549 18	0 24 16	97 03 0	997 31	00 9 00	6 6 006	..	0 54 30	1 24 21

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	997 295 278	450 230 230	..	..	..	157 192 085	464 102 025	958 002 552	..	..	..	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..														

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached	TROPOPAUSE: St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 255 255	855 230 230	800 232 165	420 605 748	..	..	..	..	..	420 605 748	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..													

PPP-Pressure in hundreds tens and units of millibars.
TTT, $T_dT_dT_d$: Dry Bulb : Daw Point temparatures (in tenths of 9C.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temparatures in °C.
50 has been added to the numbers when temperaturs are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	..	..	..	..	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..
Chhor	24 24	24 25	24 29	24 34	..	..	..	..	..
Chittagong	No	ascent	..	..	..	..	..	..	..
Cox's Bazar	17 30	17 22	..	..	..	..	..	..	..
Dacca	..	..	..	..	..	..	..	..	..
Dalbandin	..	..	24 00	29 11	29 12	27 11	26 19	..	..
D. I. Khan	..	..	..	..	..	..	..	..	..
Drosh	..	..	..	02 01	22 01	..	..	..	..
Fort Sandeman	..	..	..	31 07	30 04	34 01	..	..	..
Jacobabad	04 03	02 03	32 02	33 03	34 05	26 06	27 15	27 13	29 08
Jessore	..	..	..	..	..	..	..	..	..
Jhelum	29 01	25 05	27 06	30 07	24 05	31 07	26 13	24 27	23 27
Jiwani	17 15	19 13	24 08	04 03	35 06	35 10	01 15	34 16	35 17
Karachi	25 17	26 18	27 17	28 19	28 20	29 15	32 03	25 03	01 08
Khanpur	21 03	21 04	..	21 07		32 03	28 08	25 10	24 23
Lahore	..	..	..	..	..	..	..	..	..
Multan	17 03	17 04	19 04	25 04	31 05	29 12	27 18	27 23	27 22
Muscat	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..
Peshawar	..	08 04	12 04	21 06	19 10	21 10	28 09	27 15	27 13
Quetta	..	..	..	..	23 16	24 12	25 12	22 10	24 11
Sharjah	..	..	..	..	..	..	..	..	..
Sylhet	14 02	12 06	12 08	15 11	14 15	13 18	13 23	11 24	10 19
Veraval	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	12 25	..	..	..	..	..
Chaklala	..	..	..	..	..	..
Chhor	23 25	22 43	22 60	22 67	..	..
Chittagong	No	ascent	..	..	..	..
Cox's Bazar	No	ascent	..	..	..	..
Dacca	12 18	..	..	..	..	..
Dalbandin	..	..	16 06	35 13	35 12	16 01
D. I. Khan	..	..	..	..	..	..
Drosh	..	..	..	..	..	..
Fort Sandeman	..	..	..	..	05 09	36 19
Jacobabad	..	..	..	09 02	36 03	27 06
Jessore	20 22	19 17	22 09	25 13	29 10	32 12
Jhelum	..	..	..	..	..	..
Jiwani	30 12	32 13	32 12	32 21	31 23	33 23
Karachi	15 09	18 11	02 05	..	..	..
Khanpur	25 18	25 19	36 23	28 14	..	..
Lahore	..	..	..	..	..	..
Multan	30 14	30 18	32 17	32 19	34 16	31 13
Muscat	22 19	22 13	22 17	23 19	24 22	..
Panjgur	..	..	..	..	..	..
Peshawar	..	..	..	..	..	..
Quetta	..	31 07	32 08	30 10	35 07	31 07
Sharjah	..	..	..	..	21 04	29 04
Sylhet	..	..	..	..	..	..
Veraval	10 01	09 09	12 16	14 17	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	12 23	12 21	..	..	..	..	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..	..	..
Chhor	..	..	..	..	..	..	..	..	..	..	..
Chittagong	..	..	..	..	..	..	..	..	..	..	..
Cox's Bazar	16 17	18 19	..	..	..	..	..	..	..	..	..
Dacca	18 21	19 19	20 20	22 21	..	..	..	..	..	..	..
Dalbandin	12 20	13 28	..	..	..	..	..	..	..	..	..
D. I. Khan	..	..	23 01	23 06	32 07	28 04	29 13	33 26	34 22	33 12	30 20
Drosh	..	..	..	..	..	..	..	..	..	..	..
Fort Sandeman	..	..	..	..	05 02	05 06	03 08	06 10	24 02	02 20	08 37
Jacobabad	..	..	..	24 06	35 07	00 12	02 14	33 13	36 12	34 20	35 41
Jessore	15 07	10 06	03 06	02 04	36 02	09 07	10 04	14 02	30 09	30 16	23 34
Jhelum	..	..	..	..	..	..	..	..	..	..	..
Jiwani	..	..	..	..	..	..	..	..	..	..	..
Karachi	16 05	22 05	23 07	32 15	34 12	..	..	..	..	..	..
Khanpur	25 23	26 19	27 19	27 15							
Lahore	21 10	×× ×1	24 05	31 06	33 04	20 02	26 06	24 13	×× ××	..	..
Multan	29 09	29 10	30 06	33 09	33 09	31 10	30 16	29 07	26 08	22 29	22 61
Muscat	22 06	21 04	27 04	25 05	24 07	23 06	25 05	23 05	24 07	24 16	23 61
Panjgur	..	..	..	..	..	..	..	..	..	..	..
Peshawar	..	..	..	..	..	..	..	..	..	..	..
Quetta	..	..	..	..	..	..	..	..	..	..	..
Sharjah	..	..	..	..	26 04	26 08	21 07	30 12	31 15	99 93	24 33
Sylhet	..	..	..	..	..	..	..	..	..	..	..
Veraval	02 04	10 04	15 07	13 16	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms, a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 04	26 14	26 19	26 19	29 15	30 18	02 10	03 17	04 17	25 15	22 27	24 27	21 27	22 21	20 27			
Peshawar ..																		
Quetta ..																		

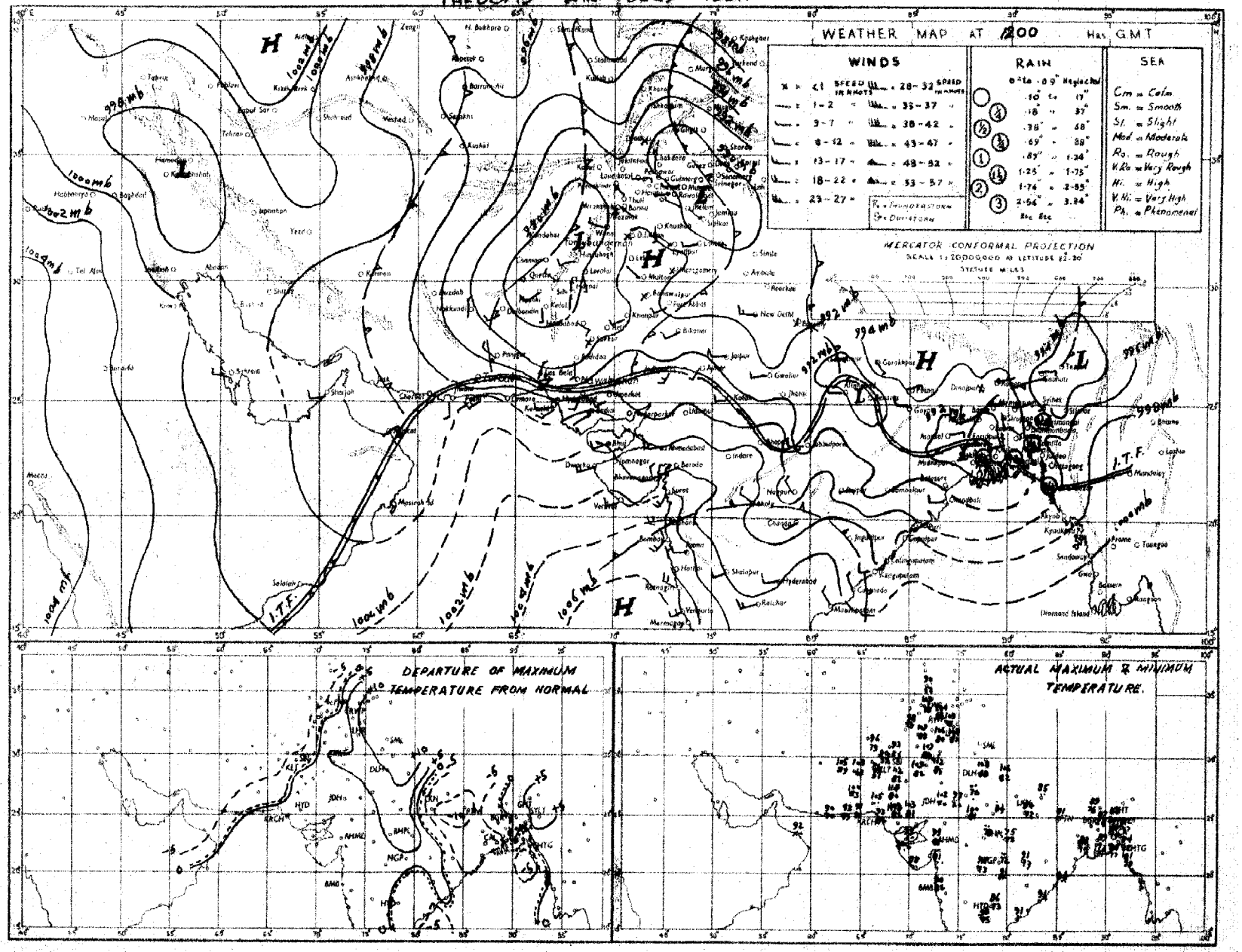
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cdd_{Tr}v_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

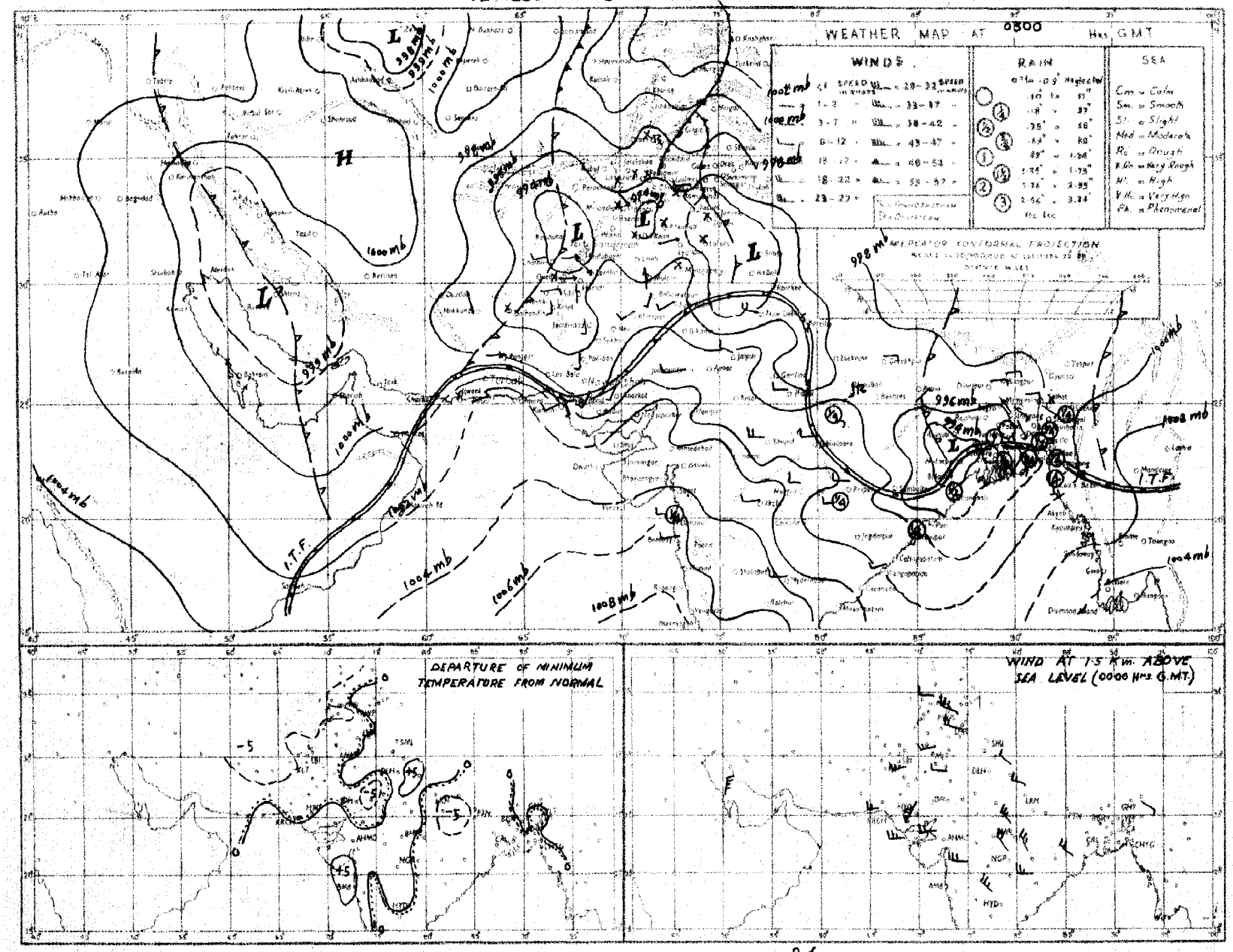
TUESDAY 2nd. JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 3rd. JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

THURSDAY, THE 4th JULY, 1957

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

Yesterday's low pressure wave over Peshawar division moved further north eastwards after causing scattered thunderstorms there. It has now become unimportant.
Yesterday's low over west Bengal moved in a northwesterly direction.
Fairly widespread rain has occurred in Chittagong and Dacca divisions and local in Rajshahi division.
Chief amounts of rainfall are:—Cox's Bazar and Khulna ½" each; Sylhet, Mymensingh and Jessore ¼" each.
Day temperatures were 4-5°F below normal in Quetta and north Kalat divisions and 3-7°F above normal in Bahawalpur, Multan, Lahore, D. I. Khan, Rawalpindi and Peshawar divisions.

Forecast valid until the evening of 5th:—Fairly widespread rain will continue in East Pakistan. Scattered duststorms are likely in Multan division.

Karachi-11.
The 4th July, 1957.

OBSERVATIONS

M. A. QUADIR. Regional Director.
for Director, Meteorological Service.

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths) *	Dry Bulb Temperature°	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Maximum temperature °F.	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths) *	Dry Bulb Temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum temperature °F.	Maximum Temperature	Minimum Temperature	Since 1st June 1957 to date.	Departure from normal	Since 1st January 1957 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
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	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	008	9	6	16	05	96	03	6	989	81	5	3	6	2	1	77	86	039	9	7	16	03	96	03	6	025	80	7	4	5	1	0	77	76	0	- 1	49.7	+ 14.4	60.6	104
	Chittagong	014	7	7	16	05	96	02	6	976	80	7	4	5	0	0	78	86	014	0	3	13	09	97	01	2	013	84	3	2	5	7	0	76	78	0	+ 1	19.1	- 16.8	26.5	108
	Maijdee Court	000	9	3	13	05	96	02	0	968	83	2	5	5	2	×	78	85	000	9	2	11	02	97	01	0	009	84	2	4	6	0	0	77	77	- 1	- 2	21.9	- 1.5	31.8	115
	Comilla	012	6	4	18	12	99	03	6	965	85	4	5	5	0	0	76	86	012	9	2	18	09	99	03	6	006	85	2	8	6	0	0	76	80	- 1	+ 3	16.8	- 3.6	28.7	194
	Brahmanbaria	000	0	4	18	02	97	03	2	966	84	4	5	5	0	0	78	89	000	0	3	13	05	97	03	2	011	86	3	5	5	0	0	76	79	—	—	19.9	+ 4.0	37.6	78
	Sylhet	000	0	8	18	02	97	03	2	964	88	6	5	6	2	×	81	93	026	3	8	09	05	97	02	6	018	83	6	5	6	2	×	79	77	—	—	28.9	—	79.5	..
	Srimangal	000	0	7	00	00	97	03	1	976	84	7	4	6	0	0	78	91	002	9	3	00	00	97	02	6	018	86	3	1	7	0	0	76	78	+ 4	0	25.9	+ 5.1	52.6	98
Dacca	Mymensingh	015	0	8	09	02	95	60	2	966	83	8	6	3	×	×	79	89	024	9	6	13	02	98	02	6	024	83	6	4	5	0	0	77	79	+ 2	+ 1	27.5	+ 7.8	38.1	91
	Narayanganj	000	9	8	18	05	95	03	1	957	85	8	4	5	×	×	77	84	000	9	7	11	05	95	03	2	001	87	7	4	4	0	0	78	80	- 4	+ 1	23.1	+ 9.1	39.2	74
	Dacca (Tezgaon)	001	3	7	16	05	97	03	6	953	85	3	2	5	0	2	77	87	001	7	6	13	09	97	01	5	997	85	6	5	4	0	0	78	79	—	—	25.3	—	40.3	..
	Faridpur	000	8	5	16	09	96	02	2	929	86	5	4	6	0	8	77	××	000	9	8	16	02	96	03	0	990	85	8	5	7	×	×	78	77	×	- 1	16.5	+ 2.1	28.4	71
	Barisal	002	4	6	18	10	95	03	5	955	85	6	7	9	6	0	82	87	002	9	2	18	05	96	02	5	981	87	8	0	9	0	2	84	80	- 1	+ 1	12.6	- 5.6	19.7	81
Rajshahi	Khulna	025	4	8	13	02	97	03	6	933	86	6	5	7	3	×	79	89	045	0	8	13	03	97	03	2	986	89	8	5	5	×	×	81	78	+ 1	0	14.1	- 0.3	22.1	68
	Satkhira	006	0	6	13	02	97	03	2	985	85	4	4	7	6	0	76	89	000	0	7	13	02	97	03	2	977	85	5	5	7	9	0	79	79	0	+ 1	11.2	- 2.8	16.9	65
	Jessore	016	4	8	09	03	96	50	6	934	84	8	8	5	×	×	81	87	029	1	8	13	07	97	21	2	979	84	6	4	5	6	×	80	78	—	—	18.1	+ 4.2	22.4	65
	Sirajganj	003	6	6	13	02	96	00	6	940	85	6	4	5	9	0	70	90	003	9	4	23	04	96	01	5	990	84	4	4	5	0	0	78	79	+ 3	+ 1	25.9	+ 2.1	36.9	64
	Bogra	000	0	6	09	02	96	02	1	945	86	4	4	6	3	0	87	87	000	0	0	09	02	97	00	0	998	83	0	0	9	0	0	79	79	- 2	+ 1	25.5	+ 10.4	33.0	69
	Dinajpur	000	2	7	09	02	96	02	2	953	87	0	0	9	2	0	77	90	000	2	6	09	02	96	02	2	003	85	0	0	9	2	0	76	76	+ 1	- 2	15.8	- 0.2	19.1	72
	Rangpur	000	0	6	13	05	96	01	1	×××	89	6	0	7	2	0	81	90	000	0	7	07	09	96	03	1	×××	84	7	5	6	0	0	77	79	+ 2	+ 1	21.0	+ 0.8	29.8	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	923	10	0	0	9	0	0	58	11	000	0	0	27	03	96	02	0	959	93	0	0	9	0	0	67	84	+ 9	+ 4	0.4	- 1.7	9.1	19
	Sialkot	000	0	0	31	05	97	00	0	912	10	0	0	9	0	0	58	12	000	0	0	05	03	97	00	0	960	93	0	0	9	0	0	59	82	+ 12	+ 1	0.5	- 2.9	23.7	32
Rawalpindi	Jhelum	000	0	2	31	05	97	02	0	910	11	2	1	7	0	0	52	12	000	0	0	13	02	97	02	0	960	91	0	0	9	0	0	61	77	—	—	1.3	—	12.0	..
	Rawalpindi	000	0	1	23	02	99	02	0	915	05	1	2	7	0	0	43	07	000	0	0	00	00	99	00	1	942	90	0	0	9	0	0	58	75	+ 7	- 2	1.4	- 1.6	17.4	38
	Khushab	000	0	3	11	03	98	03	0	925	09	3	2	6	0	0	59	11	000	0	0	25	02	97	00	0	963	95	0	0	9	0	0	66	82	+ 7	- 1	1.2	- 0.5	10.0	15
Multan	Lyallpur	000	0	7	29	02	96	03	0	935	05	7	3	8	0	0	58	09	000	0	0	00	00	96	00	0	965	92	0	0	9	0	0	67	80	+ 5	- 3	0.8	- 0.7	7.0	12
	Montgomery	000	0	0	20	05	97	02	0	932	08	0	0	9	0	0	78	09	000	0	0	20	02	96	02	0	959	89	0	0	9	0	0	73	79	+ 4	- 5	0.2	- 1.1	4.0	10
	Multan	000	0	0	13	02	96	00	0	942	05	0	0	9	0	0	62	08	000	0	0	18	02	96	00	0	998	86	0	0	9	0	0	68	83	+ 5	- 3	0.7	- 0.1	4.0	7
Bahawalpur	Leiah																																								..
	Khanpur	000	0	0	23	04	96	00	0	937	09	0	0	9	0	0	92	10	000	0	0	23	06	96	00	0	990	85	0	0	9	0	0	81	72	+ 3	- 11	0	- 0.5	1.0	6
	Bahawalpur	000	0	0	00	00	97	00	0	940	08	0	0	9	0	0	64	10	000	0	0	18	07	96	00	0	989	89	0	0	9	0	0	83	86	+ 5	+ 2	0.1	- 0.4	1.3	6
	Fort Abbas																		000	0	0	23	09	97	00	0	983	93	0	0	9	0	0	76	88		—	0	—	2.9	8
Peshawar	Chakdara	000	0	2	05	××	98	01	1	899	00	2	2	7	0	×	51	04	000	0	0	00	00	98	00	0	971	83	0	0	9	0	0	53	61	—	—	0.2	—	15.1	..
	Peshawar	000	1	6	21	07	96	02	1	922	03	3	9	6	2	1	41	06	000	3	0	23	03	98	02	9	×××	95	0	0	9	0	0	55	××	+ 2	×	0	- 0.4	11.1	14
	Haripur	000	3	2	31	02	97	01	0	991	06	2	1	6	0	0	44	07	000	0	0	27	02	97	00	0	956	89	0	0	9	0	0	65	77	—	—	0.5	—	14.6	..
	Campbellpur	000	0	2	05	02	98	03	1	927	08	2	2	6	0	0	53	80	000	0	0	09	03	99	00	0	969	92	0	0	9	0	0	54	77	—	—	0	—	15.4	..
D.I. Khan	Bannu	000	0	2	23	02	99	00	0	918	05	2	0	9	0	1	63	07	000	0	0	27	02	99	00	0	963	88	0	0	9	0	0	66	78	—	—	0.1	—	7.1	11
	D.I. Khan	000	0	0	00	00	98	00	0	925	11	0	0	9	0	0	52	12	000	0	0	00	00	98	00	0	996	91	0	0	9	0	0	68	82	+ 7	- 1	1.0	- 0.2	6.5	10
Quetta	Sibi	000	0	0	18	01	98	00	0	913	15	0	0	9	0	0	25	17	000	0	0	00	00	99	00	0	998	91	0	0	9	0	0	69	85	—	—	0.3	—	5.3	5
Kalat	Nokkund	000	0	0	31	02	99	02	0	931	06	0	0	9	0	0	45	08	000	0	0	18	02	99	02	0	980	91	0	0	9	0	0	44	79	—	—	0	—	1.9	2
	Turbat	000	0	0	27	01	97	00	0	999	81	0	0	9	0	0	78	09	000	0	0	23	03	98	03	1	005	××	0	0	9	0	0	79	84	—	—	2.5	—	5.9	..
	Jiwani	000	0	0	18	10	97	01	0	986	87	0	0	9	0	0	76	91	000	0	7	00	00	96	03	2	014	84	7	6	5	0	0	77	79	—	—	0	—	3.1	4
	Pasni	000	0	0	23	19	97	00	0	999	90	0	0	9	0	0	79	92	000	0	1	00	00	97	02	0	001	83	1	5	7	0	0	78	80	0	+ 1	0	- 0.3	6.2	6
	Ormara	000	0	3	××	××	98	01	1	002	91	3	0	9	4	0	81	92	000	0	6	××	××	98	02	1	001	85	6	4	5	0	0	81	82	—	—	0	0	3.8	6
	Las Bela	003	0	0	02	02	98	20	2	876	82	0	0	9	0	0	44	99																		—					8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	23	12	97	03	0	984	90	5	6	4	0	0	86	91	000	0	5	23	09	96	01	1	010	86	5	6	4	0	0	82	82	+ 1	0	0	- 0.8	0.5	8
	Karachi (Air port)	000	0	6	25	16	96	03	1	983	89	6	5	6	0	0	82	93	000	0	7	25	09	96	02	2	015	86	7	5	5	0	0	81	84	—	—	0	—	0.4	..
	Badin	003	0	0	23	02	97	00	0	988	94	0	0	9	0	0	74	99	000	0	0	23	02	96	00	0	028	87	0	0	9	0	0	74	××	+ 2	×	0	- 1.8	1.3	9
	Nagarparkar																																								..
	Umarkot	000	0	0	23	03	97	00	0	951	00	0	0	9	0	0	73	02	000	0	7	23	05	97	00	0	990	85	0	0	9	0	0	78	81	—	—	2.6	—	2.6	..
	Hyderabad	000	0	0	23	14	96	07	0	969	95	0	0	9	0	0	72	01	000	0	0	23	12	96	01	0	008	81	0	0	9	0	0	74	80	0	0	0	- 0.6	1.8	..
Khairpur	Pad-I-dan	000	0	0	13	05	98	02	0	932	11	0	0	9	0	0	40	13	000	0	0	13	05	98	02	0	986	86	0	0	9	0	0	74	80	—	—	0	—	1.2	..
	Nawabshah	000	0	0	18	07	97	32	0	950	07	0	0	9	0	0	66	08	000	0	0	18	03	97	02	0	989	89	0	0	9	0	0	76	81	—	—	0.1	—	0.6	..
	Sukkur	000	0	0	00	00	96	00	0	932	08	0	0	9	0	0	73	10	000	0	0	13	03	96	00	0	982	84	0	0	9	0	0	76	80	—	—	0	—	2.8	4
	Rati																																								..
	Jacobabad	000	0	0	13	05	96	02	0	964	10	0	0	9	0	0	54	10	000	0	0	13	05	97	02	0	992	87	0	0	9	0	0	75	84	- 1	- 1	0	- 0.3	3.5	4
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								..
Arabia	Muscat	000	0	0	09	05	99	00	0	978	91	0	0	9	0	0	80	93	000	0	0	36	02	99	00	0	005	89	0	0	9	0	0	84	87	- 5	- 3	0	- 0.1	6.9	4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								..
	Sonemarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **	000	0	0	03	11	98	00	0	030	66	0	0	9	0	0	28	72	000	0	0	00	00	98	00	0	031	61	0	0	9	0	0	28	46	—	—	—	—	—	..
Rawalpindi	Aliabad *																																								..
	Gilgit *																																								
	Murree *	000	5	2	31	05	98	01	1	400	81	2	1	4	0	0	47	82	000	9	0	29	05	98	00	1	413	75	0	0	9	0	0	45	65	+ 6	+ 6	3.0	- 2.2	36.9	59
Peshawar	Drosh *	000	0	6	00	00	96	03	1	367	92	6	2	7	0	0	47	96	014	9	0	00	00	96	00	9	465	70	0	0	9	0	0	48	61	+ 1	- 10	0.5	—	22.5	18
	Cherat *	000	0	2	18	02	97	03	0	420	93	0	0	9	0	2	48	95	000	0	0	36	05	97	00	0	420	84	0	0	9	0	0	48	79	+ 4	+ 7	0.5	- 0.7	21.1	29
	Kakul *	000	0	0	20	05	99	00	0	410	94	0	0	9	0	0	50	94	000	0	0	00	00	99	02	0	431	81	0	0	9	0	0	50	73	—	—	1.7	—	29.3	..
	Landi Kotal *	000	0	3	00	00	97	01	0	406	95	3	0	9	3	0	38	96	000	0	0	00	00	98	00	0	424	87	0	0	9	0	0	38	68	—	—	0.1	—	14.3	..
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	794	76	0	0	9	0	0	48	××	000	0	0	00	00	99	00	0	793	71	0	0	9	0	0	49	××	—	×	2.4	—	21.5	29
	Miranshah *	000	0	0	00	00	99	00	0	435	96	0	0	9	0	0	69	00	000	0	0	00	00	99	00	0	464	87	0	0	9	0	0	63	74	—	—	0.5	- 0.6	12.7	13
	Wana *	000	4	0	21	30	98	10	1	381	96	2	3	8	0	0	28	96	000	0	0	00	00	98	00	0	410	77	0	0	9	0	0	39	66	—	—	0	—	12.1	11
Quetta	Fort Sandeman *	000	0	6	23	02	96	03	0	405	96	6	0	9	3	0	28	98	000	0	0	23	05	97	00	0	447	80	0	0	9	0	0	39	73	- 5	- 3	0.8	0	11.3	11
	Hindubagh *	000	0	0	27	05	98	00	0	404	90	0	0	9	0	0	47	91	000	0	0	27	02	98	00	0	447	74	0	0	9	0	0	49	64	—	—	0	—	12.3	..
	Loralai *	000	0	3	20	02	98	02	1	471	93	0	0	9	4	0	33	95	000	0	0	23	02	98	00	0	433	76	0	0	9	0	0	33	65	—	—	1.6	—	10.4	..
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	××	××	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	0.6	- 0.4	12.9	14
	Quetta *	000	0	×	36	02	97	01	0	396	88	0	0	9	3	0	66	91	000	0	0	00	00	96	00	0	436	74	0	0	9	0	0	59	53	—	—	0	- 0.2	9.5	9
	Chaman *	000	0	0	23	05	97	00	0	417	96	0	0	9	0	0	83	97	000	0	0	00	00	97	00	0	419	86	0	0	9	0	0	73	73	- 5	- 3	0	0	10.2	8
Kalat	Kalat *	000	0	0	36	09	98	00	0	413	80	0	0	9	0	0	79	82	000	0	0	18	05	98	00	0	464	71	0	0	9	0	0	54	57	- 9	- 5	0	- 0.2	8.4	..
	Nushki *	000	0	0	27	02	96	00	0	453	02	0	0	9	0	0	43	04	000	0	0	02	16	97	00	0	538	86	0	0	9	0	0	32	81	—	—	0	—	8.0	..
	Dalbandin *	000	0	0	23	07	95	05	0	416	04	0	0	9	0	0	41	05	000	0	0	03	00	95	05	0	432	82	0	0	9	0	0	44	66	- 4	- 9	0	0	4.4	..
	Panjgur *	000	0	0	31	03	98	00	0	431	00	0	0	9	0	0	35	01	000	0	0	36	02	98	00	0	439	80	0	0	9	0	0	××	72	- 2	- 2	0	—	4.2	4
Afghanistan	Kabul *	000	0	3	××	02	98	03	0	484	87	2	4	9	0	0	63	87	000	0	1	04	02	99	00	0	503	71	0	0	9	0	0	58	54	—	—	—	—	—	
	Kandahar *																																								..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

THURSDAY, THE 4th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	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 a PP	8 N_s C h_sh_s	O T_sT_s T_dT_d	$I d_wd_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ryuhomaru	43 225	613 00	1 20 10	97 02 0	980 81	11 5 00	3 4 330	..	0 5xxx	..
Ryuhomaru	43 216	623 06	3 23 20	97 02 1	010 81	24 5 10	3 4 210	..	0 52 75	
Wangranger	43 204	607 06	7 22 27	97 05 2	061 81	78 4 00	5 1 207	..	0 51 76	1 22 44
Chuyumaru	43 230	607 06	2 20 20	97 02 0	025 82	20 6 10	3 4 400	..	0 02 xx	..
Steelage	43 179	570 12	9 22 21	97 05 4	017 80	xxx xx	1 6 717	..		..
Ryuhomaru ..	43 209	633 12	3 21 18	97 02 1	000 84	31 5 00	3 4 400	..	0 00 75	..
Wangranger	43 201	603 12	7 22 28	97 05 4	037 83	71 4 xx	5 1 714			
Dwarka	43 242	582 12	0 12 06	98 02 0	988 90	00 9 00	8 4 805	..	0 00 81	1 12 20
Chuyumaru	43 225	614 12	2 22 28	96 02 0	005 84	21 4 10	3 4 620	..	0 00 xx	..
Obraker	43 225	684 18	1 23 10	98 01 1	021 84	11 5 08	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	999 298 285	451 002 018	..	400 238 212	..	154 198 075	464 118 022	961 015 575	726 552 695	994 655	298 742	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	826 185 048	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 262 255	864 238 238	800 238 168	418 535 682	375 598 758	350 602 765	250 718 999	180 782 999	..	180 782 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	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	11 23	11 24	12 27	..	..	..	..	..		12 19	..	..	..	..	..	11 15	12 20		..	..	..	..	..	..	..	..
Chaklala	..	..	..	..		..	..	..	..	..	..			..	..	..	..	..		..	..	..	..	..	..	..
Chhor	24 15	23 19	23 23	23 26	..	..	..	..	..	21 24	22 26	23 30	..	..	..				..	..	..	..	..	..	..	..
Chittagong	17 20	18 31		..		..	..	..	..	16 23	16 25	17 25	19 23	..	..	15 20	16 19	15 23			..	..	..	..	..	..
Cox's Bazar	17 13	18 22	18 21			..	..	..	..	16 20	17 22	18 23	..	..	..	14 12	18 13	19 12	21 14	20 10	..	..	..	..	..	..
Dacca	14 23	15 28	15 25	17 26	17 27	16 34		..		14 25	15 27	15 28	17 26			13 15	13 17	14 22	..	..	..	..	..	..	..	..
Dalbandin	..	..	25 15	30 09	31 07	30 10	31 09	34 18	33 14	..	..	04 06	02 08	04 07	13 05	..	..	19 01	06 02	36 03	36 14	01 12	01 07	05 11	04 25	02 22
D. I. Khan	..	..	..	..						..		..				..	..	..	..		..		..	..	..	..
Drosh		..	..	24 06	24 06	22 10	16 09	10 04	..	..				02 05	36 11	..	..	..	..	01 15	01 15	04 06	04 07	35 04	35 40	29 27
Fort Sandeman		..	..	19 03	23 04	29 07			..	..		..	23 04	25 07	33 11	..			23 03	32 08	31 07	36 08	34 08	34 09	35 18	35 39
Jacobabad	16 08	16 11	11 09	11 05	06 03	35 02	32 08	34 17	35 22	13 17	16 27	20 23	19 10	26 08	25 08	16 07	20 06	25 05	25 04	31 03	36 08	08 10	02 13	01 15	02 17	01 16
Jessore	..	..			..	..	..																			28 25
Jhelum	32 06	32 08	33 08	31 10	31 11	30 11	31 11	30 10	30 07	30 09	31 09	31 09	31 13	30 15	31 14	04 01	34 06	33 09	32 10	33 09	34 06	31 08	32 08	31 09	30 14	..
Jiwani	20 09	23 11	28 06	33 09	32 14	32 14	01 27	04 25	02 15	20 08	25 09	28 10	30 16	..		17 05	28 09	28 15	..	..	..	..	..	..	..	..
Karachi	23 18	24 18	26 17	28 16	23 18			..	..	25 19	27 17	28 18	..			26 15	26 22	27 23	..	..						..
Khanpur	20 09	20 09	20 06	19 04	07 02	33 06	34 09	33 12	28 12	22 20	25 26	24 18	27 12	22 09	29 06	22 16	21 17	23 15	24 10	27 10	33 10	03 05	07 12	01 14	31 10	25 25
Lahore	28 05	28 06	30 06	32 07	31 09	32 13	31 07	28 10	25 17	29 18	29 28	28 25	30 12	34 06	29 10	31 05	30 11	30 15	30 11	29 08	29 07	29 10	30 07	30 07	24 29	23 47
Multan	21 15	23 11	19 11	9 12	19 10	36 04	25 08	22 03	30 10	22 27	25 22	26 18	25 12	31 07		21 15	22 11	27 06	21 04	23 04	27 03	01 12	36 13	35 17	30 12	28 10
Muscat	..			..	..	..	..	..	..	..	..	..		..		..	..	..	..	..	..	..	..	..	..	..
Panjgur	..		..	..	..	..	..	..	..	..	..					..	..	..	..		..	..	..	..	..	..
Peshawar	..	..	..	..	..	..	..	..	..	..	26 09	27 07	31 10	35 07	30 07	..	..	..	..				..	..		..
Quetta	..	..		..	29 09	29 10	23 06	36 14	30 14	..	..		..	29 07	30 11	..	..	..	..	30 06	35 03	12 05	36 08	01 09	01 26	01 13
Sharjah	..			..	..	..	..		..	..					..				..	..		..	..	..	..	..
Sylhet	19 04	17 10	16 12	14 12	..	..		..	..	12 06	17 14	18 15	17 09	19 16	..	08 02	13 04	18 10	..	..	..	..	..	..	..	..
Veraval	..				..				..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	25 17	27 18	27 19	27 19	32 19	34 12	02 21	04 13	04 29	04 11	18 14	36 15	26 04	15 10	15 09	11 13		
Peshawar ..																		
Quetta ..																		

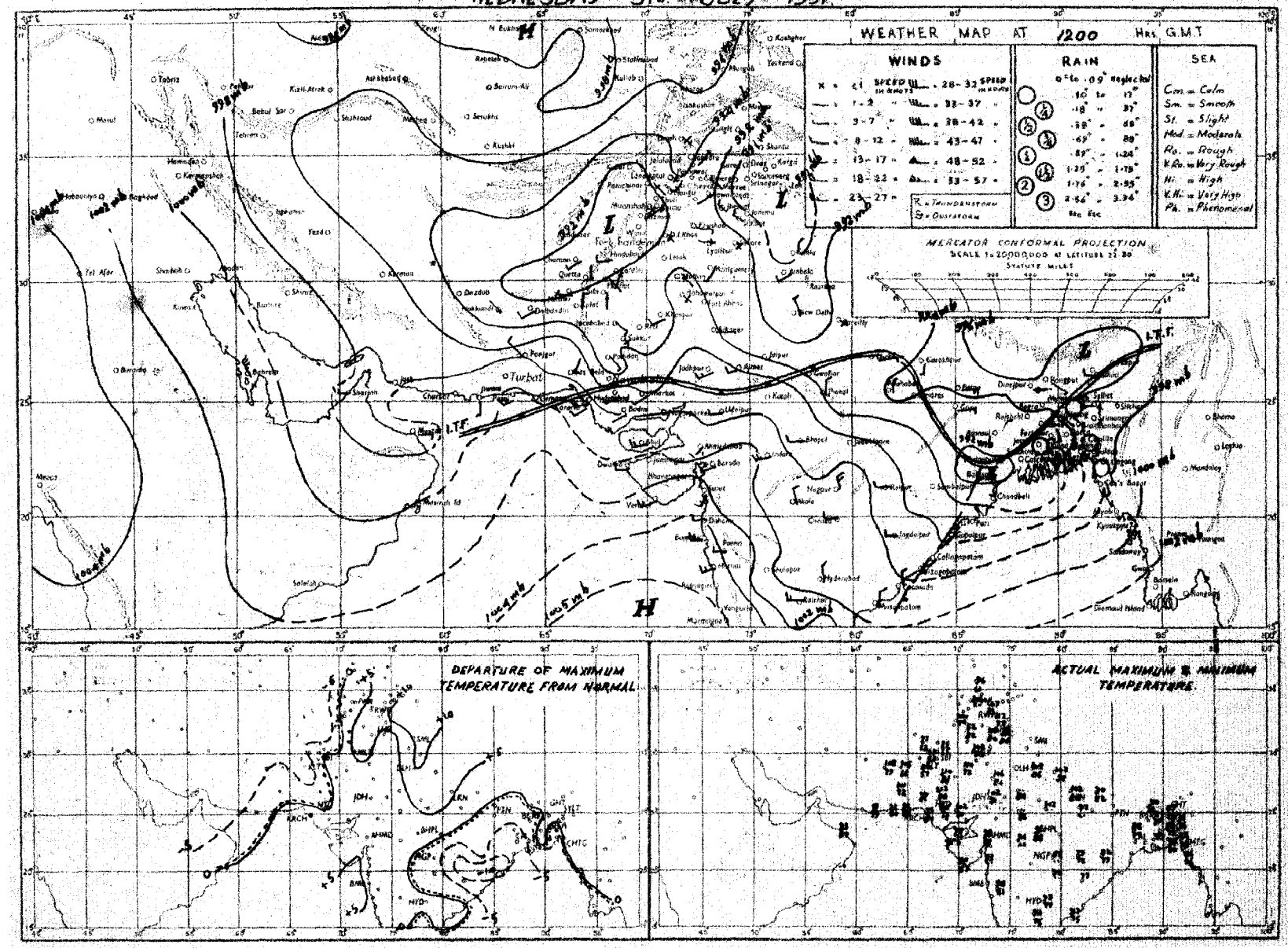
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

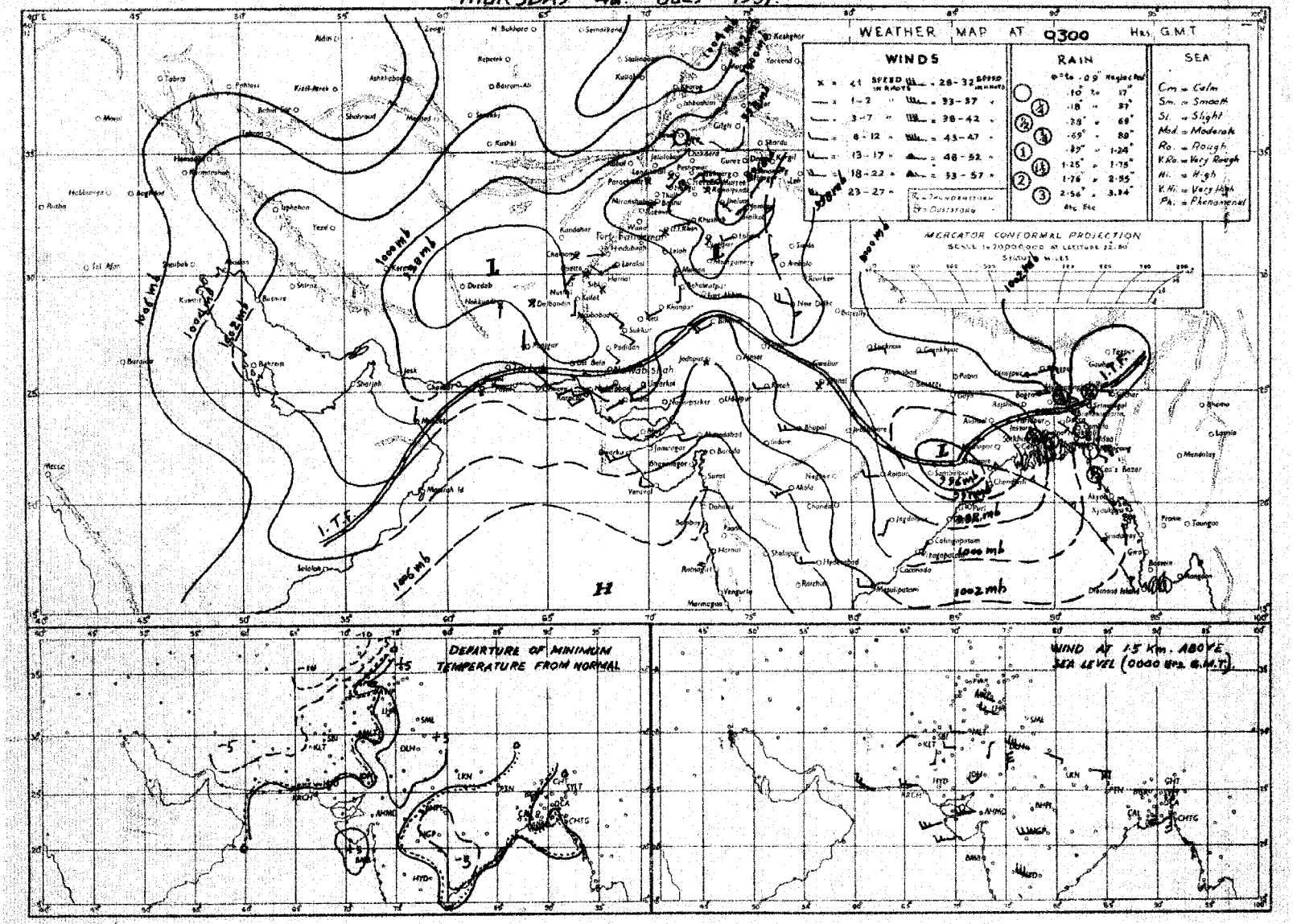
WEDNESDAY 3rd JULY 1957



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 4th. JULY 1957.



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

Monthly Subscription

PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

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FRIDAY, THE 5th JULY, 1957

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

A low lies over D. I. Khan division and the adjoining Rawalpindi division.

Yesterday's low lies over Chota Nagpur and the adjoining areas.

Rainfall has been local in Chittagong division and scattered elsewhere over East Pakistan. Sylhet and Barisal recorded 1" of rainfall each and Cox's Bazar ¼".

Day temperatures were 5-10°F above normal in Peshawar, D. I. Khan, Rawalpindi, Lahore and Multan divisions and 2-4°F so in East Pakistan and Bahawalpur division.

Forecast valid until the evening of 6th:—Rain/thundershowers will be local in Dacca and Chittagong divisions and scattered in Rajshahi division. Scattered dust/thunderstorms are also likely in Lahore and Rawalpindi divisions.

Karachi-11.
The 5th July, 1957

OBSERVATIONS

ZARIF AHMAD.
for Director. Meteorological Service.

DIVISIONS	STATION	At 1200 Hrs, G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature*	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
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	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	002	1	3	16	05	96	02	6	999	82	2	3	6	0	6	78	83	022	9	5	16	07	96	02	1	011	83	4	4	6	1	0	76	77	- 3	0	50.0	+ 13.5	60.8	104
	Chittagong	000	0	2	20	09	96	02	1	986	85	2	4	6	0	0	77	88	000	0	5	18	09	97	01	1	010	85	2	4	7	2	0	79	78	+ 2	+ 1	19.1	- 5.4	26.5	108
	Maijdee Court	000	9	6	11	02	97	01	2	990	84	1	2	6	2	1	77	87	000	9	8	00	00	96	03	2	012	83	2	1	6	2	×	76	80	+ 1	+ 1	21.9	- 2.2	31.8	115
	Comilla	000	0	3	18	10	99	03	0	982	87	3	2	7	0	0	79	91	000	0	4	18	09	99	03	0	009	86	2	4	9	6	0	76	78	+ 4	+ 1	16.8	- 5.2	28.7	194
	Brahmanbaria	000	0	4	18	02	97	03	1	982	87	2	0	6	2	4	79	91	000	0	2	13	05	97	01	2	009	86	2	5	5	0	0	76	80	—	—	19.9	+ 3.7	37.6	78
	Sylhet	000	0	5	00	00	97	02	1	974	88	1	2	7	7	0	78	91	119	9	5	09	02	96	01	6	011	84	3	5	6	2	8	79	77	—	—	30.1	—	80.7	..
	Srimangal	000	0	6	00	00	97	03	1	978	89	6	8	6	0	0	81	94	007	9	3	00	00	97	02	6	016	86	3	8	7	0	0	75	78	+ 7	0	26.0	+ 4.7	52.7	98
Dacca	Mymensingh	000	0	6	13	02	98	02	2	979	87	6	4	5	0	0	80	90	000	0	6	09	02	98	02	2	010	85	6	2	4	0	0	78	80	+ 3	+ 2	27.5	+ 7.5	38.1	91
	Narayanganj	000	9	6	16	05	95	03	2	979	84	3	4	6	0	1	76	91	000	9	8	13	05	95	03	2	004	86	6	4	4	2	×	77	81	+ 3	+ 2	23.1	+ 8.6	39.2	74
	Dacca (Tezgaon)	006	2	5	18	05	97	01	8	973	85	4	4	4	0	1	79	89	006	6	7	11	09	97	02	5	001	85	7	8	4	0	0	79	80	—	—	25.3	—	40.3	..
	Faridpur	008	8	4	11	09	96	01	6	964	84	4	4	7	0	0	78	87	000	9	5	16	02	96	03	0	992	85	5	5	7	0	0	78	77	- 1	- 1	16.5	+ 1.6	28.4	71
	Barisal	085	6	5	16	03	96	03	6	977	85	7	0	9	6	2	78	87	085	4	6	18	03	96	02	6	997	85	6	7	9	0	0	79	78	- 1	- 1	13.5	- 4.3	20.5	81
Rajshahi	Khulna	000	0	0	13	05	97	00	1	967	85	0	0	9	0	0	81	89	000	0	7	13	03	97	01	1	994	87	7	4	7	0	0	81	80	+ 1	+ 2	14.1	- 0.7	22.1	68
	Satkhira	000	0	4	00	00	97	01	1	972	87	3	5	7	9	0	79	91	000	0	6	00	00	99	03	1	026	88	4	4	9	9	0	79	79	+ 2	+ 1	11.2	- 3.3	16.9	65
	Jessore	000	0	2	18	07	98	01	2	960	85	2	0	9	6	0	81	89	009	2	8	18	07	96	03	0	993	83	8	7	5	×	×	79	79	—	—	18.2	+ 3.8	22.5	65
	Sirajganj	000	0	8	13	01	96	00	0	971	83	8	4	5	×	×	77	90	000	0	8	13	02	97	00	0	998	80	8	5	4	×	×	79	79	+ 3	+ 1	25.9	+ 11.6	36.9	64
	Bogra	000	0	6	00	00	96	02	1	971	86	4	6	6	6	0	79	89	000	0	4	13	02	97	01	1	004	85	4	1	6	0	0	79	80	—	+ 2	25.5	+ 9.7	33.0	69
	Dinajpur	000	2	7	09	02	96	02	2	980	87	0	0	9	2	0	79	89	000	2	4	09	02	96	02	2	002	86	0	0	9	2	0	79	75	0	- 3	15.8	- 0.9	19.1	72
	Rangpur	000	0	6	18	02	96	01	2	×××	86	3	5	6	2	0	79	88	000	0	6	18	02	96	01	2	×××	86	4	5	6	2	0	79	79	0	+ 1	21.0	+ 0.1	29.8	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	4	2	27	03	96	02	0	928	11	2	1	8	0	0	60	13	000	0	0	00	00	96	02	0	956	93	0	0	9	0	0	71	81	+ 11	+ 1	0.4	- 1.9	9.1	19
	Sialkot	000	0	0	31	03	97	00	0	918	12	0	0	7	0	0	53	14	000	0	0	00	00	97	00	0	945	92	0	0	9	0	0	61	××	+ 14	×	0.5	- 3.2	23.7	32
Rawalpindi	Jhelum	000	0	1	18	02	97	02	0	925	11	1	2	7	0	0	65	13	000	0	0	13	02	97	02	0	948	95	0	0	9	0	0	61	78	—	—	1.3	—	12.0	..
	Rawalpindi	000	0	1	27	02	99	02	0	991	07	1	2	7	0	0	46	09	000	0	3	00	00	99	01	1	945	92	3	0	9	3	0	56	74	+ 9	- 3	1.4	- 1.8	17.4	36
	Khushab	000	0	0	20	03	98	00	0	926	09	0	0	9	0	0	67	14	000	0	0	25	02	98	00	0	947	97	0	0	9	0	0	69	88	+ 10	+ 5	1.2	- 0.6	10.0	15
Multan	Lyallpur	000	0	0	29	02	96	00	0	932	10	0	0	9	0	0	58	11	000	0	0	00	00	96	00	0	953	94	0	0	9	0	0	68	82	+ 7	- 1	0.8	- 0.8	7.0	12
	Montgomery	000	0	0	27	05	97	02	0	936	08	0	0	9	0	0	66	10	000	0	0	00	00	96	02	0	951	88	0	0	9	0	0	61	82	+ 5	- 2	0.2	- 1.3	4.0	10
	Multan	000	0	0	13	02	96	00	0	944	06	0	0	9	0	0	64	09	000	0	0	18	02	96	00	0	949	87	0	0	9	0	0	71	83	+ 6	- 3	0.7	- 0.2	4.0	7
Bahawalpur	Leiah																																								..
	Khanpur	000	0	0	23	06	96	00	0	943	10	0	0	9	0	0	92	10	000	0	0	23	10	98	00	0	972	89	0	0	9	0	0	84	73	+ 3	- 10	0	- 0.6	1.0	6
	Bahawalpur	000	0	0	00	00	97	00	0	986	07	0	0	9	0	0	91	09	000	0	0	20	09	97	00	0	970	91	0	0	9	0	0	74	86	+ 4	+ 2	0.1	- 0.5	1.3	6
	Fort Abbas	000	0	0	23	03	95	00	0	960	12	0	0	9	0	0	81	13																							8
Peshawar	Chakdara	000	0	0	××	××	98	02	0	891	03	0	×	9	0	×	56	06	000	0	0	00	00	98	00	0	944	87	0	0	9	0	0	51	60	—	—	0.2	—	15.1	
	Peshawar																		000	0	0	00	00	94	02	0	937	97	0	0	9	0	0	67	78		- 2	0	- 0.4	11.1	14
	Haripur	000	3	1	31	02	97	01	0	913	06	1	1	6	×	×	63	07	000	0	0	23	02	97	00	0	940	91	0	0	9	0	0	60	78	—	—	0.5	—	14.6	..
	Campbellpur	000	0	0	36	02	98	00	0	924	10	0	0	9	0	0	43	10	000	0	0	00	00	98	00	0	955	90	0	0	9	0	0	57	78	—	—	0	—	15.4	..
D. I. Khan	Bannu	000	0	0	20	02	99	00	0	922	09	0	0	9	0	0	66	10	000	0	0	27	02	99	00	0	949	92	0	0	9	0	0	68	82	—	—	0.1	—	7.1	11
	D.I. Khan	000	0	0	00	00	98	00	0	934	13	0	0	9	0	0	63	14	000	0	0	00	00	98	00	0	934	92	0	0	9	0	0	73	80	+ 9	- 3	1.0	+ 0.2	6.5	10
Quetta	Sibi	000	0	0	18	01	98	00	0	931	13	0	0	9	0	0	50	14	000	0	0	00	00	98	00	0	970	94	0	0	9	0	0	67	87	—	—	0.3	—	5.3	5
Kalat	Nokkund	000	0	0	36	02	99	02	0	932	10	0	0	9	0	0	24	11	000	0	0	31	09	99	02	0	967	95	0	0	9	0	0	44	87	—	—	0	—	1.9	2
	Turbat	000	0	0	27	02	97	00	0	996	91	0	0	9	0	0	83	10																		—	—				..
	Jiwani	000	0	4	16	14	96	03	0	986	86	4	6	4	0	0	77	89	000	0	2	09	07	96	01	1	996	83	2	6	4	0	0	77	××	—	—	0	—	3.1	4
	Pasni	000	0	1	20	17	97	00	0	003	89	1	5	7	0	0	78	92	000	0	1	00	00	97	00	0	023	84	1	5	7	0	0	81	80	0	+ 1	0	- 0.4	6.2	6
	Ormara	000	0	0	××	××	98	00	0	002	89	0	0	9	0	0	84	92	000	0	6	00	00	98	02	1	026	85	6	4	5	0	0	82	82	—	—	0	0	3.8	6
	Las Bela																																								8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	27	12	97	02	1	993	89	2	6	4	3	0	89	91	000	0	7	27	05	96	03	2	000	86	2	6	4	7	0	82	81	+ 1	- 1	0	- 0.9	0.5	8
	Karachi (Airport)	000	0	4	25	12	96	01	2	985	90	4	6	5	0	0	80	93	000	0	8	25	09	96	03	2	998	86	8	5	9	0	0	80	84	—	—	0	—	0.4	..
	Badin	003	0	0	23	02	97	00	0	986	93	0	0	9	0	0	74	00	000	0	0	00	00	96	00	0	008	86	0	0	9	0	0	77	××	+ 3	×	0	- 1.9	1.3	9
	Nagarparker																		×××	×	0	00	00	96	00	3	×××	××	0	0	9	0	0	××	××		—	—	—	—	..
	Umarkot	000	0	0	23	03	97	00	0	965	01	0	0	9	0	0	78	01	000	0	0	23	03	97	00	0	970	87	0	0	9	0	0	79	79	—	—	2.6	—	2.6	..
	Hyderabad	000	0	0	23	10	96	07	0	969	98	0	0	9	0	0	75	03	000	0	0	23	10	96	07	0	989	85	0	0	9	0	0	77	80	2	—	0	- 0.7	1.8	..
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	952	10	0	0	9	0	0	56	11	000	0	0	13	09	98	02	0	971	88	0	0	9	0	0	73	79	—	—	0	—	1.2	..
	Nawabshah	000	0	0	18	07	97	02	0	957	08	0	0	9	0	0	68	09																		—					..
	Sukkur	000	0	0	00	00	96	00	0	948	08	0	0	9	0	0	68	08	000	0	0	23	13	96	00	0	969	84	0	0	9	0	0	75	82	—	—	0	—	2.8	4
	Reti																																								..
	Jacobabad	000	0	0	18	05	97	02	0	950	08	0	0	9	0	0	66	09	000	0	0	18	03	97	02	0	981	88	0	0	9	0	0	75	83	- 2	- 2	0	- 0.4	3.5	4
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								..
Arabia	Muscat	000	0	0	00	00	99	00	0	982	91	0	0	9	0	0	84	94	000	0	3	00	00	97	02	0	993	89	0	0	8	0	2	79	86	- 4	- 4	0	- 0.1	6.9	4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								..
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **	000	0	0	00	00	98	00	0	079	74	0	0	9	0	0	17	76																		—					..
	Aliabad *																																								..
Rawalpindi	Gilgit *																																								
	Murree *	000	9	3	20	05	98	01	1	410	84	3	1	4	0	0	50	86	000	9	0	27	05	98	00	1	417	75	0	0	9	0	0	46	68	+ 10	+ 9	3.0	- 2.5	36.9	59
Peshawar	Drosh *	000	0	2	00	00	96	03	0	374	99	2	2	7	0	0	21	00	000	0	0	00	00	96	00	0	418	79	0	0	9	0	0	43	68	+ 5	- 3	0.5	—	22.5	18
	Cherat *	000	0	0	36	03	97	00	0	423	96	0	0	9	0	0	43	98	000	0	0	36	03	97	00	0	420	86	0	0	9	0	0	43	81	+ 7	+ 9	0.5	0	21.1	29
	Kakul *	000	5	1	20	03	98	01	0	420	94	1	2	7	0	0	56	97	000	9	0	00	00	97	02	0	422	84	0	0	9	0	0	52	75	—	—	1.7	—	29.3	..
	Landi Kotal *	000	0	0	02	02	97	00	0	412	02	0	0	9	0	0	20	02	000	0	0	34	03	98	00	0	412	91	0	0	9	0	0	22	78	—	—	0.1	—	14.3	
	Parachinar *	000	0	0	23	02	99	00	0	×××	××	0	0	9	0	0	48	××	000	0	0	00	00	99	00	0	794	72	0	0	9	0	0	××	××	—	—	2.4	—	21.5	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	450	02	0	0	9	0	0	74	05	000	0	0	00	00	99	00	0	476	92	0	0	9	0	0	69	79	—	—	0.5	- 0.6	12.7	13
	Wana *	000	0	0	00	00	99	00	0	400	90	0	0	9	0	0	34	01	000	0	0	00	00	97	00	0	419	79	0	0	9	0	0	49	69	—	0	0	—	12.1	11
Quetta	Fort Sandeman *	000	0	3	00	00	96	03	0	415	98	3	2	6	0	0	67	01	000	0	0	00	00	96	00	0	426	82	0	0	9	0	0	47	75	- 2	- 1	0.8	- 0.1	11.3	11
	Hindubagh *	000	0	0	27	02	98	00	0	409	95	0	0	9	0	0	33	96	000	0	0	00	00	98	00	0	436	82	0	0	9	0	0	53	68	—	—	0	—	12.3	..
	Loralai *	000	0	0	27	02	98	00	0	445	96	0	0	9	0	0	36	96	000	0	0	00	00	98	00	0	438	73	0	0	9	0	0	50	64	—	—	1.6	—	10.4	
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××	000	0	0	26	01	98	00	0	×××	××	—	—	—	—	—	—	—	—	—	0.6	- 0.4	12.9	14
	Quetta *	000	0	0	09	02	98	00	0	385	92	0	0	9	0	0	76	93	000	0	0	00	00	96	00	0	433	75	0	0	9	0	0	63	58	—	—	0	- 0.3	9.5	9
Kalat	Chaman *	000	0	0	02	03	98	00	0	416	98	0	0	9	0	0	83	00	000	0	0	20	03	97	00	0	435	91	0	0	9	0	0	79	76	- 2	0	0	0	10.2	8
	Kalat *	000	0	0	04	03	98	00	0	409	89	0	0	9	0	0	65	91	000	0	0	16	07	98	00	0	452	74	0	0	9	0	0	55	58	0	- 4	0	- 0.2	8.4	..
	Nushki *	000	0	0	04	18	96	00	0	463	02	0	0	9	0	0	46	04	000	0	0	02	06	97	00	0	522	90	0	0	9	0	0	34	83	—	—	0	—	8.0	..
	Dalbandin *	000	0	0	05	03	96	02	0	423	06	0	0	9	0	0	45	08	000	0	0	03	00	96	02	0	423	83	0	0	9	0	0	41	70	- 1	- 5	0	0	4.4	4
	Panjgur *	000	0	0	31	03	98	00	0	436	03	0	0	9	0	0	34	04																		+ 1					
Afghanistan	Kabul *																																								
	Kandahar *																																								

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

FRIDAY, THE 5th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Chucimaru	53 214	630 00	6 42 25	96 03 2	035 82	61 4 10	3 4 400	..	0 52 ××	
Chucimaru	53 203	645 12	5 23 25	96 03 1	046 86	51 4 10	3 4 610	..	0 02 ××	

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		HHH TTT $T_dT_dT_d$									HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	996 295 282	..	..	415 235 228	..	132 192 058	396 075 548	867 518 632	628 552 712	835 684	274 900	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	826 182 132	..	..	..	..	115 148 125	391 030 999	858 518 999	591 668 999	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	940 240 240	900 240 240	800 242 192	745 232 108	365 575 775	350 608 999	250 775 999	150 000 999	145 050 999	145 050 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	818 488 138	800 188 138	776 188 128	750 172 132	678 132 108	590 015 999	550 025 999	518 000 999	478 562 999	462 565 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	11 13	12 18	13 24	..	..	..	..	..	
Chaklala						..	..	..	..
Chhor ..	21 23	21 26	20 37	21 39			..	..	..
Chittagong	18 23	18 18	18 16	18 14	17 10	..	..	..	..
Cox's Bazar ..	16 17	17 16	18 14	17 15				..	..
Dacca ..	16 15	16 21	16 24	15 24	15 19	14 17	11 15		
Dalbandin ..	..	..	11 08	05 05	31 09	34 10	01 17	02 09	01 15
D. I. Khan ..	..	..	..						
Drosh	..	..	..	30 01	29 02	29 01	33 02	36 01	02 02
Fort Sandeman ..				31 03	29 11	03 12	34 07	32 06	31 15
Jacobabad ..	18 09	19 09	22 08	22 07	01 08	01 11	01 09	05 08	01 10
Jessore ..	..	..	..	..	..				
Jhelum ..							..	..	..
Jiwani ..	19 08	26 14	28 14	30 09	36 11	03 16	..		..
Karachi ..	25 18	25 14							
Khanpur ..	23 14	23 12	22 12	23 07	24 04	82 10	01 18	03 17	02 13
Lahore ..	29 09	29 12	27 13	27 08	26 17	30 15	36 16	02 10	36 12
Multan ..	23 11	20 01	21 10	22 04	23 01	34 06	35 13	01 17	36 21
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..		..	..					
Peshawar ..	..	..	..						
Quetta ..	..	..		..	31 06	28 04	15 06	01 10	01 13
Sharjah ..									
Sylhet ..	08 04	12 03	20 07	17 06	16 14	14 12	10 10	..	..
Veraval ..									

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	11 12	..	..	..	..	..
Chaklala					..	..
Chhor ..	24 22	23 37	21 29	17 18	..	..
Chittagong	15 21				..	..
Cox's Bazar ..	17 23	17 23	17 22	17 17	..	..
Dacca ..	14 17	15 19	16 19			
Dalbandin ..	..	..	31 07	33 05	01 07	02 08
D. I. Khan ..	..		..			
Drosh					06 03	03 06
Fort Sandeman ..				07 01	07 03	35 03
Jacobabad ..	19 21	21 08	20 15	21 07	22 05	25 07
Jessore ..						
Jhelum ..	10 02	30 06	30 09	27 07	35 07	32 09
Jiwani ..	21 06	24 09	28 06	30 12	..	
Karachi ..	27 12	27 14	27 12	..	..	..
Khanpur ..	23 27	25 25	26 19	26 14	27 05	36 08
Lahore ..	29 13	28 29	27 24	27 17	25 10	..
Multan ..	23 26	24 25	24 35	21 32	..	..
Muscat ..	..	..	..		..	..
Panjgur ..	..					
Peshawar ..	..	21 06	08 07	32 10	29 18	..
Quetta ..	..	..		..	29 03	34 08
Sharjah ..						
Sylhet ..	10 10	15 09	18 14	16 09	..	..
Veraval ..				..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	13 10	13 13	12 22		..	..	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..	..	..
Chhor ..					..	..	..	..	..	..	..
Chittagong	18 09	18 16	17 11	17 16	..	..	..	..	..	..	..
Cox's Bazar ..	17 16	17 17	18 17	18 18	..	..	..	..	..	..	..
Dacca ..	14 13	14 18	14 20	15 22							
Dalbandin ..	..	..	22 01	34 06	33 06	23 05	07 10	03 20	04 32	06 14	08 13
D. I. Khan ..											
Drosh					04 06	34 09	01 06	12 03	18 06	03 10	..
Fort Sandeman ..				29 01	05 03	03 05	35 13	02 18	02 13	04 17	17 05
Jacobabad ..	19 05	21 12	22 12	22 04	23 07	02 10	05 15	05 13	05 25	..	..
Jessore ..											..
Jhelum ..	14 02	13 05	13 04	32 06	32 07	32 08	01 09	02 16	02 24	01 21	..
Jiwani ..	12 05	07 05	32 10	..		..	..	..	..	..	..
Karachi ..	27 12	28 15	30 15	..							..
Khanpur ..	22 13	24 15	24 15	27 13	29 11	32 06	03 17	03 06	04 18	05 25	..
Lahore ..	21 01	24 01	27 03	30 10	30 08	31 09	03 12	02 08	36 10	02 19	02 21
Multan ..	22 11	22 11	17 11	13 09	12 06	04 03	04 20	03 17	03 19	04 33	03 23
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..											..
Peshawar ..	..	35 08	33 09	..							..
Quetta ..	..	..	..	..	32 03	35 08	05 06	03 17	03 17	04 13	07 13
Sharjah ..											
Sylhet ..	13 03	15 03	17 07	16 07	14 10	13 09					
Veraval ..	..	..	..	..		..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	×× ××	24 08	31 07	31 09	33 15	36 21	04 33	05 23	05 33	17 13	10 06	07 15	10 23	09 31				
Peshawar ..																		
Quetta ..																		

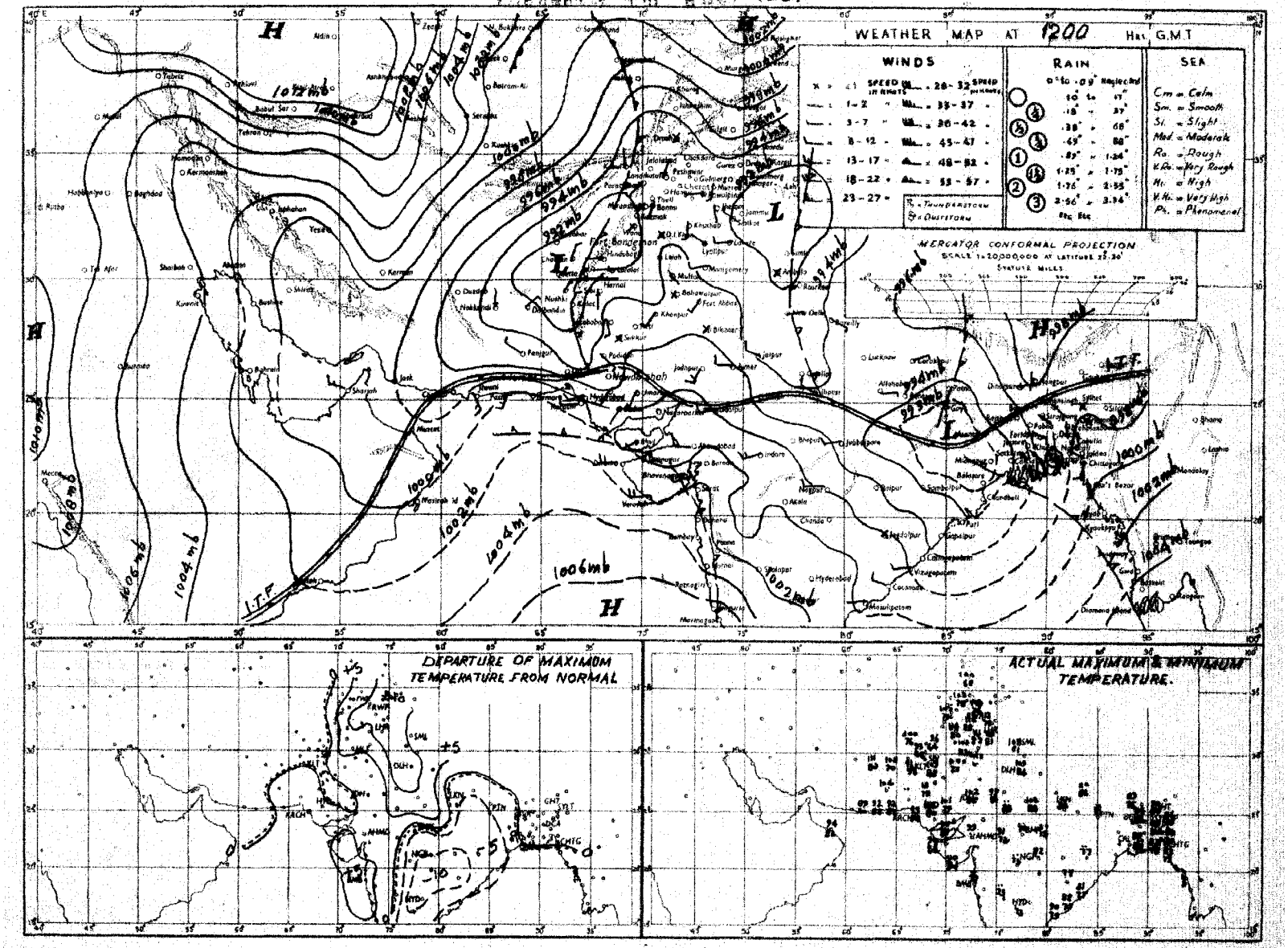
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_Tv_T$ etc)

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.

PAKISTAN DAILY WEATHER MAP

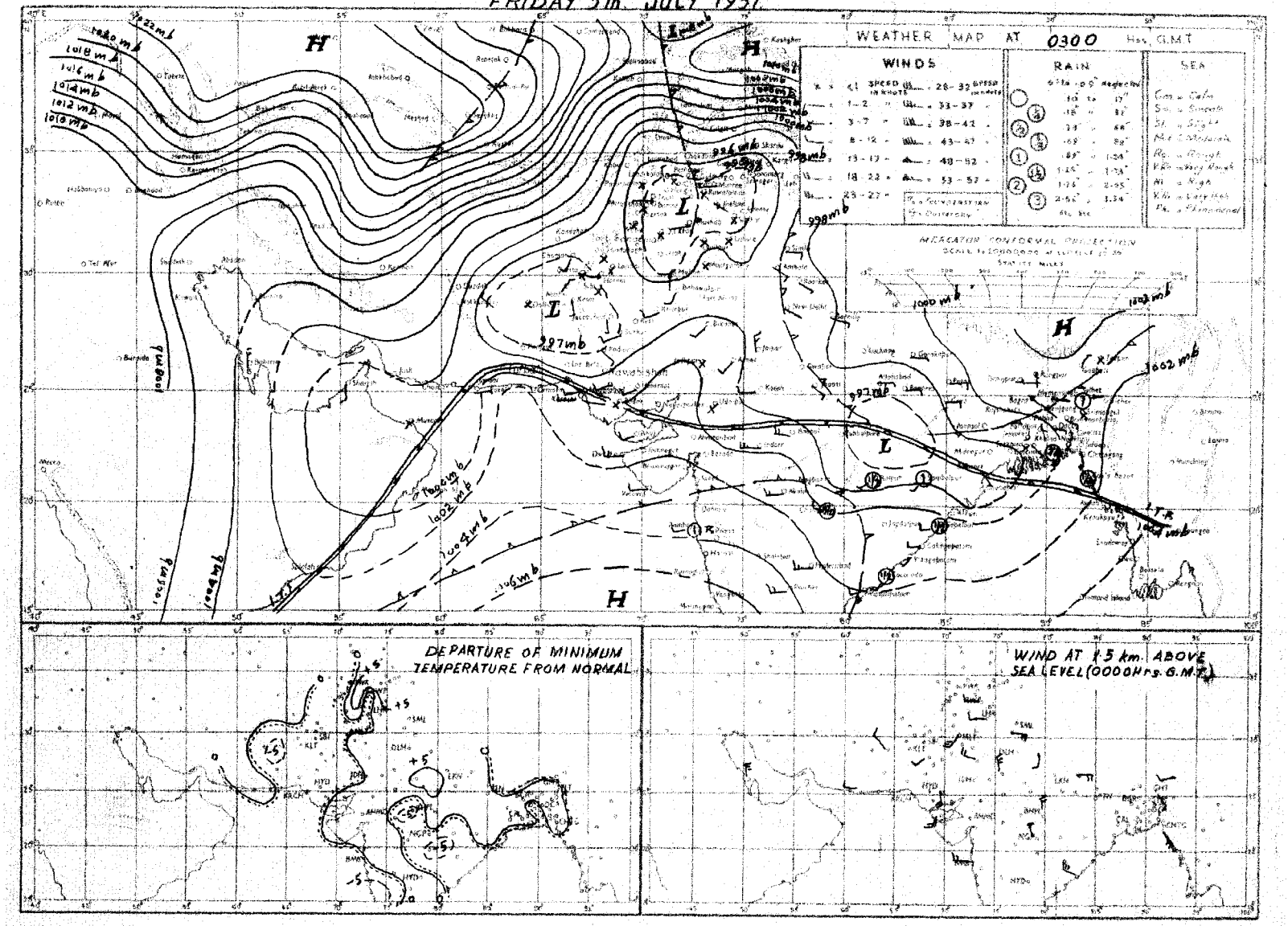
THURSDAY 4th JULY 1957



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 5th JULY 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1.6/

SATURDAY, THE 6th JULY, 1957

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

Yesterday's low over D. I. Khan and adjoining Rawalpindi divisions persists.

The low over Chota Nagpur moved west-north-westwards, weakened and merged with the monsoon trough of low which extends to West Bengal and adjoining areas.

Rain/thundershowers have been local in Dacca and Chittagong divisions and scattered in Rajshahi division.

Chief amounts of rainfall are:—Cox's Bazar ½" and Maijdee Court, Sylhet and Sirajganj ½" each.

Day temperatures were 8-15°F above normal in Peshawar, D. I. Khan, Rawalpindi, Lahore and Multan divisions and 2-5°F so elsewhere over West Pakistan outside Khairpur division and over East Pakistan outside coastal districts.

Forecast valid until the evening of 7th:—Fairly widespread rain/thundershowers will occur in Dacca and Chittagong divisions and local in Rajshahi division. A few dust/thunderstorms are also likely in Rawalpindi and Lahore divisions.

Karachi-11.
The 6th July, 1957.

OBSERVATIONS

ZARIF AHMAD.
for Director. Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS.	STATION	Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature° TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F. TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	001	9	6	16	03	96	02	6	991	80	6	4	6	1	0	77	00
	Chittagong	000	4	7	16	09	96	03	6	977	83	5	4	5	2	0	78	87
	Maijdee Court	000	9	3	13	02	96	03	0	011	83	2	5	5	2	×	77	87
	Comilla	000	1	3	18	10	99	03	5	970	85	3	1	6	0	0	78	90
	Brahmanbaria	000	0	2	18	02	97	03	2	972	77	2	5	5	0	0	77	92
	Sylhet	000	0	6	00	00	96	03	1	966	90	1	2	6	7	2	81	92
	Srimangal	000	0	3	00	00	97	02	1	970	91	3	4	6	0	0	80	94
Dacca	Mymensingh	000	0	8	09	02	98	02	2	972	87	9	7	2	8	7	84	89
	Narayanganj	000	9	5	16	03	95	03	1	965	88	5	4	6	0	0	76	91
	Dacca (Tejgaon)	000	9	5	18	04	97	01	1	961	86	3	4	5	0	1	77	88
	Faridpur	000	9	6	16	02	96	03	0	959	85	2	5	7	1	0	78	88
	Barisal	000	4	7	13	05	95	03	5	961	86	5	7	9	6	0	79	88
Rajshahi	Khulna	000	0	7	13	05	97	01	2	962	86	2	4	7	3	0	81	90
	Satkhira	000	0	5	00	00	96	03	1	963	86	3	5	7	9	0	79	90
	Jessore	000	0	6	18	03	97	03	2	961	87	6	6	6	0	0	80	89
	Sirajganj	000	0	2	00	00	97	00	0	959	87	0	0	9	0	1	80	88
	Bogra	000	0	6	00	00	96	02	1	977	88	4	1	6	0	8	80	90
	Dinajpur	000	8	5	09	02	96	01	1	969	89	5	0	9	0	9	78	92
	Rangpur	000	0	5	18	02	96	01	2	×××	89	5	0	9	2	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	910	12	0	0	9	0	0	69	13
	Sialkot	000	0	0	31	03	97	00	0	898	13	0	0	9	0	0	63	15
Rawalpindi	Jhelum	000	0	0	05	02	97	02	0	896	11	0	0	9	0	0	63	13
	Rawalpindi	000	0	0	00	00	99	00	0	880	11	0	0	9	0	0	47	12
	Khushab	000	0	0	18	05	98	00	0	894	13	0	0	9	0	0	72	16
Multan	Lyallpur	000	0	0	20	02	96	00	0	913	11	0	0	9	0	0	57	14
	Montgomery	000	0	0	18	05	95	05	0	913	10	0	0	9	0	0	63	13
	Multan	000	0	0	13	02	96	00	0	922	08	0	0	9	0	0	62	12
Bahawalpur	Leiah	000	0	0	23	05	96	00	0	916	12	0	0	9	0	0	××	12
	Khanpur	000	0	0	00	00	97	00	0	919	09	0	0	9	0	0	××	10
	Bahawalpur																	
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	××	××	98	02	0	864	06	0	0	9	0	0	56	10
	Peshawar	000	0	0	09	03	98	07	0	883	12	0	0	9	0	0	44	14
	Haripur	000	0	0	05	02	97	00	0	885	07	0	0	9	0	0	57	14
	Campbellpur	000	0	0	00	00	98	00	0	924	10	0	0	9	0	0	43	10
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	888	12	0	0	9	0	0	54	14
	D.I. Khan	000	0	0	00	00	98	00	0	906	09	0	0	9	0	0	62	15
Quetta	Sibi	000	0	0	13	01	98	00	0	910	15	0	0	9	0	0	54	15
Kalat	Nokkundi	000	0	0	34	25	97	05	4	936	02	0	0	9	0	0	31	03
	Turbat	000	0	0	00	00	97	00	0	982	13	0	0	9	0	0	83	13
	Jiwani	000	0	0	18	14	96	00	0	958	87	0	0	9	0	0	78	91
	Pasni	000	0	1	23	12	97	02	0	978	90	1	0	9	5	0	79	94
	Ormara	000	0	0	××	××	98	00	0	978	91	0	0	9	0	0	83	93
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	27	12	97	02	0	965	91	2	6	4	0	0	86	92
	Karachi (Airport)	000	0	2	23	07	96	01	1	969	90	2	6	5	0	0	77	93
	Badin																	
	Nagarparkar	×××	×	0	02	03	97	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot																	
	Hyderabad	000	0	0	20	05	97	02	0	950	03	0	0	9	0	0	69	06
Khairpur	Padidan	000	0	0	13	09	98	02	0	926	12	0	0	9	0	0	46	14
	Nawabshah																	
	Sukkur	000	0	0	20	02	96	00	0	921	08	0	0	9	0	0	71	08
	Rati																	
	Jacobabad	000	0	0	18	09	97	02	0	924	10	0	0	9	0	0	60	11
Junagarh Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat	000	0	0	31	02	99	00	0	968	98	0	0	9	0	0	66	05
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Miagar																	
	Afjabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	29	03	98	00	0	385	86	0	0	9	0	0	53	88
	Drosh	000	0	0	00	00	96	00	0	396	06	0	0	9	0	0	42	07
	Chitral	000	0	0	36	03	98	00	0	402	00	0	0	9	0	0	42	02
	Kakul	000	0	0	18	03	99	00	0	396	98	0	0	9	0	0	54	00
D. I. Khan	Landi Kotal	000	0	0	34	02	97	00	0	392	06	0	0	9	0	0	29	06
	Parachinar	000	0	0	13	02	99	00	0	794	83	0	0	9	0	0	50	××
	Miranshah	000	0	0	00	00	99	00	0	445	02	0	0	9	0	0	76	04
	Wana																	
Quetta	Fort Sandeman	000	0	3	23	02	97	00	0	395	01	0	0	9	0	0	44	04
	Hindubagh	000	0	0	27	02	98	00	0	385	98	0	0	9	0	0	48	99
	Loralai	000	0	0	18	02	98	00	0	465	97	0	0	9	0	0	35	99
	Harnai	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta	000	0	0	27	12	95	07	0	402	98	0	0	9	0	0	××	00
	Chaman	000	0	0	29	03	98	00	0	401	01	0	0	9	0	0	90	04
Kalat	Kalat	000	0	0	29	07	98	00	0	387	90	0	0	9	0	0	74	93
	Nushki	000	0	0	36	09	96	00	0	458	09	0	0	9	0	0	51	11
	Dalbandin	000	0	0	13	02	97	02	0	416	09	0	0	9	0	0	39	12
Afghanistan	Panjgur	000	0	0	31	12	93	09	0	423	03	0	0	9	0	0	51	05
	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date

DIVISIONS.	STATION	Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F. TdTd	Minimum temperature °F. TnTn	Departure from Normal of: Maximum Temperature TxTx	Departure from Normal of: Minimum Temperature TnTn	Rainfall: Since 1st June 1957 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1957 to date	Rainfall: Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	045	9	4	16	05	96	02	6	000	83	3	4	4	6	1	77	77	0	0	50.4	+ 13.7	61.2	104
	Chittagong	008	9	7	16	05	97	02	6	992	83	4	4	6	2	0	77	78	+ 1	+ 1	19.2	- 6.2	26.6	108
	Maijdee Court	030	6	8	16	02	96	03	2	990	83	2	5	6	2	×	80	78	0	0	22.2	- 2.7	32.1	115
	Comilla	000	9	6	18	09	99	01	5	987	85	6	4	5	0	0	78	79	+ 3	+ 1	16.8	- 8.0	28.7	194
	Brahmanbaria	000	0	5	18	03	97	03	2	989	83	5	5	5	0	0	77	79	—	—	19.9	+ 3.4	37.6	78
	Sylhet	032	9	7	18	02	96	01	6	990	85	5	5	6	1	0	77	80	—	—	30.4	—	81.0	..
	Srimangal	000	0	7	00	00	97	02	2	993	84	7	4	7	0	0	77	78	+ 7	+ 2	26.0	+ 4.2	52.7	98
Dacca	Mymensingh	000	0	8	09	05	98	02	2	988	85	8 7	4	4	×	×	78	80	+ 2	+ 2	27.5	+ 6.5	38.1	91
	Narayanganj	000	9	7	11	03	95	03	2	003	87	5	4	5	1	0	79	82	+ 3	+ 3	23.1	+ 8.1	39.2	74
	Dacca (Tejgaon)	016	2	7	18	02	97	02	6	977	82	5	5	4	2	0	79	79	—	—	25.5	—	40.5	..
	Faridpur	016	9	5	16	02	96	03	5	984	84	7	5	7	0	0	78	77	0	- 1	16.7	+ 1.3	28.0	71
	Barisal	004	9	7	00	00	96	02	5	981	85		7	9	6	0	78	78	0	- 1	13.5	- 5.9	20.5	81
Rajshahi	Khulna	000	0	3	13	03	97	01	1	978	87	3	4	7	0	0	81	81	+ 2	+ 3	14.1	- 1.2	22.1	68
	Satkhira	000	0	4	00	00	99	01	1	969	87	2	5	9	9	0	79	80	+ 1	+ 2	11.2	- 3.8	16.9	65
	Jessore	009	0	7	13	05	96	03	2	972	86	5	4	5	6	0	81	80	—	—	18.2	+ 3.4	22.5	65
	Sirajganj	031	4	8	00	00	96	02	5	978	84	8	7	5	0	0	78	77	+ 1	- 1	26.2	+ 11.5	37.2	64
	Bogra	000	0	9	00	00	97	00	0	975	85	0	0	9	0	0	78	80	+ 1	+ 1	25.5	+ 9.4	33.0	69
	Dinajpur	000	2	7	00	00	96	02	2	979	87	0	0	9	2	0	79	77	+ 3	- 1	15.8	- 1.6	19.1	72
	Rangpur	000	0	6	07	02	96	03	2	×××	86	5	4	6	2	0	77	79	+ 3	+ 1	21.0	- 0.6	29.8	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	924	95	0	0	9	0	0	68	82	+ 11	+ 2	0.4	- 2.0	9.1	19
	Sialkot	000	0	0	00	00	97	00	0	921	97	0	0	9	0	0	65	86	+ 15	+ 5	0.5	- 3.5	23.7	32
Rawalpindi	Jhelum	000	0	0	05	02	97	02	0	926	95	0	0	9	0	0	62	81	—	—	1.3	—	12.0	..
	Rawalpindi	000	0	0	00	00	99	00	0	923	93	0	0	9	0	0	57	75	+ 12	- 2	1.4	- 2.0	17.4	36
	Khushab	000	0	0	00	00	99	00	0	921	98	0	0	9	0	0	69	74	+ 12	+ 1	1.2	- 0.7	10.0	15
Multan	Lyallpur	000	0	0	20	02	96	00	0	922	90	0	0	9	0	0	61	82	+ 10	- 1	0.8	- 0.9	7.0	12
	Montgomery	000	0	0	18	05	95	05	0	933	90	0	0	9	0	0	64	80	+ 8	- 4	0.2	- 0.4	4.0	10
	Multan	000	0	0	27	02	96	00	0	946	91	0	0	9	0	0	69	81	+ 9	- 4	0.7	- 0.2	4.0	7
Bahawalpur	Leiah	000	0	0	23	05	96	00	0	938	88	0	0	9	0	0	81	72	+ 5	- 11	0	- 0.7	1.0	6
	Khanpur	000	0	0	20	03	97	00	0	938	92	0	0	9	0	0	74	85	+ 5	+ 1	0.1	- 0.6	1.3	6
	Bahawalpur																							8
	Fort Abbas																							
Peshawar	Chakdara	000	0	0	00	00	98	00	0	928	80	0	0	9	0	0	51	58	—	—	0.2	—	15.1	..
	Peshawar	000	0	0	13	02	95	05	0	919	93	0	0	9	0	0	57	82	+ 10	+ 2	0	- 0.4	11.1	14
	Haripur	000	0	0	27	02	97	00	0	920	95	0	0	9	0	0	71	79	—	—	0.5	—	14.6	..
	Campbellpur	000	0	0	00	00	98	00	0	922	93	0	0	9	0	0	55	82	—	—	0	—	15.4	..
D. I. Khan	Bannu	000	0	0	23	01	99	00	0	908	94	0	0	9	0	0	75	81	—	—	0.1	—	7.1	11
	D.I. Khan	000	0	0	00	00	98	00	0	896	92	0	0	9	0	0	72	81	+ 7	- 2	1.0	+ 0.1	6.5	10
Quetta	Sibi	000	0	0	00	00	99	00	0	945	94	0	0	9	0	0	67	87	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	34	25	97	05	4	998	××	0	0	9	0	0	××	××	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	98	0	0	998	91	0	0	9	0	0	80	88	—	—	2.5	—	5.9	..
	Jiwani	000	0	0	18	14	96	01	0	973	85	1	5	5	0	0	78	81	—	—	0	—	3.1	4
	Pasni	000	0	0	23	02	94	05	0	984	83	0	0	9	0	0	78	81	+ 2	+ 3	0	- 0.4	6.2	6
	Ormara	000	0	0	00	00	98	02	1	992	85	8	4	5	0	0	81	81	—	—	0	0	3.8	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	27	07	96	03	0	965	86	0	0	9	2	0	83	82	+ 2		0	- 0.9	0.5	..
	Karachi (Airport)	000	0	3	27	05	96	03	1	966	85	5	6	5	0	0	78	81	—	—	0	—	0.4	9
	Badin																							
	Nagarparkar																							
	Umarkot	000	0	0	23	03	97	00	0	939	85	0	0	9	0	0	76	79	×	×	0	- 1.9	1.3	..
	Hyderabad	000	0	0	20	09	97	02	0	949	85	0	0	9	0	0	74	80	+ 5	- 2	2.6	—	2.6	..
Khairpur	Padidan	000	0	0	13	09	98	02	0	920	89	0	0	9	0	0	71	80	—	—	0	—	1.8	..
	Nawabshah																							
	Sukkur	000	0	0	18	07	97	02	0	943	87	0	0	9	0	0	75	84	0.1	—	0.1	—	0.6	..
	Rati	000	0	0	00	00	96	00	0	934	54	0	0	9	0	0	74	81	—	—	0	—	2.8	4
	Jacobabad	000	0	0	13	05	96	02	0	936	89	0	0	9	0	0	71	85	0	0	0	- 0.4	3.5	..
Junagarh Afghanistan	Veraval																							4
	Jalalabad																							20
Arabia	Muscat																							..
	Kuwait																		+ 7					4
	HILL STATIONS																							..
Kashmir	Srinagar																							5
	Gulmarg																							26
	Sonamarg																							..
	Dras																							71
	Leh																							26
	Skardu																							3
	Miagar																							6
	Afjabad																							..
	Gilgit																							..
Rawalpindi	Murree	000	0	0	27	03	98	00	0	391	80	0	0	9	0	0	48	69	+ 12	+ 10	3.0	- 2.9	36.9	59
	Drosh	000	0	0	00	00	96	00	0	387	79	0	0	9	0	0	39	73	+ 12	+ 1	0.5	—	22.5	18
	Chitral	000	0	0	31	17	95	05	4	389	86	0	0	9	0	0	43	84	+ 11	+ 12	0.5	- 0.9	21.1	29
	Kakul	000	0	0	00	00	97	02	0	401	85	0	0	9	0	0	53	78	—	—	1.7	—	29.3	..
D. I. Khan	Landi Kotal	000	0	0	20	05	96	05	4	389	90	0	0	9	0	0	89	88	—	—	0.1	—	14.3	29
	Parachinar	000	0	0	00	00	99	00	0	794	72	0	0	9	0	0	49	××	×	×	2.4	—	21.5	13
	Miranshah	000	0	0	00	00	99	00	0	437	90	0	0	9	0	0	71	78	—	—	0.5	- 0.6	12.7	11
	Wana									410	90	0	0	9	0	0	57	71	—	—	—	—	—	11
Quetta	Fort Sandeman	000	0	0	00	00	96	00	0	400	86	0	0	9	0	0	55	77	+ 1	+ 2	0.8	- 0.2	11.3	..
	Hindubagh	000	0	0	27	05	98	00	0	406	82	0	0	9	0	0	53	75	—	—	0	—	12.3	..
	Loralai	000	0	0	00	00	98	00	0	455	76	0	0	9	0	0	58	67	—	—	1.6	—	10.4	14
	Harnai	000	0	0	36	01	98	00	0	×××	××	—	—	—	—	—	××	××	×	×	0.6	- 0.5	12.9	9
	Quetta	000	0	0	36	03	94	00	0	409	72	0	0	9	0	0	65	65	—	—	0	- 0.2	9.5	8
	Chaman	000	0	0	20	07	95	05	0	474	73	0	0	9	0	0	68	77	+ 2	+ 1	0	0	10.2	..
Kalat	Kalat	000	0	0	18	03	98	00	0	428	73	0	0	9	0	0	55	60	+ 2	- 2	0	- 0.3	8.4	..
	Nushki	000	0	0	31	18	96	00	0	508	74	0	0	9	0	0	47	73	—	—	0	—	8.0	..
	Dalbandin	000	0	0	07	10	94	07	0	423	79	0	0	9	0	0	44	79	+ 3	+ 4	0	0	4.4	..
Afghanistan	Panjgur	000	0	0	36	03	98	00	0	437	82	0	0	9	0	0	56	78	+ 2	+ 2	0	—	4.2	4
	Kabul																							
	Kandahar																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs, pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SATURDAY, THE 6th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O $T_sT_s T_dT_d$	$I d_w d_w P_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Chucimaru	63 190	660 00	5 23 25	96 02 1	045 82	51 4 00	3 4 610	..	0 52 ××	..
Mornelloyd	63 224	642 06	5 25 14	97 01 1	008 84	50 8 80	3 6 801	..	0 00 79	1 22 55
Jalvishnu	63 236	655 06	6 25 09	98 03 2	002 86	58 7 60		..		..
Chucimaru	63 184	667 06	5 24 25	96 18 1	070 84	45 5 10	3 4 225	..	0 00 ××	..
Udomaru	63 203	636 06	5 20 20	97 03 1	010 84	51 5 00	3 5 100	..	0 02 ××	..
Udomaru	63 195	648 12	7 25 22	97 03 1	000 86	64 5 20	3 5 610	..	0 04 ××	..
Ranger	63 188	586 12	7 22 25	97 05 4	031 82	71 3 00	5 1 727	..		..
Mornelloyd	63 210	682 18	3 25 14	98 01 8	005 29	32 3 00	3 7 400	..	0 50 26	1 21 55
Thanmarcus	63 232	595 18	6 00 02	98 02 1	991 91	60 6 30	3 5 5××	..	0 01 83	1 01 00
Jalavishnu	63 225	639 18	5 25 13	98 03 2	979 28	××× ××	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	997 275 272	..	..	400 258 188	..	140 212 095	..	..	..	..	..	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	824 215 092	..	..	..	..	107 182 032	403 085 535	893 012 992	648 575 995	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 255 252	883 252 242	830 252 138	750 235 122	675 195 072	..	..	..	..	675 195 072	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 235 085	587 072 538	550 072 598	490 008 999	..	..	..	..	..	490 008 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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 ..	14 11	14 16	15 19	15 17	..					14 13	14 13	14 12	..	..	..	13 12	14 08	13 13	13 17	..	..	..	..	..	..	..
Chaklala ..	..	24 04	27 05	27 05	21 01	01 02	07 12	09 08		..	..	..		..	..	..	..	..		..	..	..	..	..	..	..
Chhor ..	22 11	23 11	22 10	14 05	10 10	13 10	03 13	07 05	35 03	24 21	25 28	25 29	20 18						..	..	..	..	..	..	..	..
Chittagong ..	17 12	17 14	17 21	17 23	17 24	..	..	..	..	17 19	17 21	18 18	18 19	17 21	16 14	16 09	16 17	16 20	..	..	..	..	..	..	..	..
Cox's Bazar ..	..	..	..	..	..	..	..	..	..	16 17	18 11	18 12	18 13	18 13	..	17 21	17 21	17 15	17 20	..	..	..	..	..	..	..
Dacca ..	15 05	16 12	16 18	15 19	17 19	14 14	12 12	14 11		15 12	15 18	..	..	..	..	15 05	16 12	16 12	17 18	17 18	..	..	..	..	..	..
Dalbandin ..	..	..	05 14	06 25	04 20	34 04	27 06	05 19	06 12	..	..	10 05	09 11	34 08	29 13	..	..	07 17	..	..	..	..	..	..	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	29 02	30 02	21 06	20 04	22 06	21 09	..		..	..	04 03	01 09	..	..	..	..	04 05	05 04	05 02	17 01	17 02	21 04	17 11
Port Sandeman ..	..	..	..	06 02	04 02	27 03	01 13	36 11	02 10	..		..	28 03	22 02	02 10	..	..	..	21 01	07 03	13 03	36 07	36 07	30 10	36 08	08 02
Jacobabad ..	21 07	20 09	21 07	16 04	35 05	36 17	36 21	36 17	04 31	19 21	20 18	20 11	28 05	23 05	..	17 02	14 03	14 02	01 06	02 10	03 10	08 13	06 12	09 12	09 10	..
Jessore ..																						..			..	..
Jhelum ..	05 01	32 02	32 04	31 08	33 04	35 11	02 14	35 17	35 15	09 05	09 07	05 08	32 15	30 12	30 03	12 04	12 08	11 08	32 04	31 07	31 10	..	..		..	..
Jiwani ..	15 06	09 09	09 09	09 12	07 14	06 22	03 36	03 32	04 35	11 08	01 14	02 21				01 04	01 14	01 19	01 30	01 34	36 17	..	..	..	..	..
Karachi ..	22 10	26 07	08 09	07 11	06 16	04 19	05 29	05 12	05 08	28 17	28 14	28 15	26 14	29 09	..	26 14	27 14	28 15								
Khanpur ..	22 21	23 19	23 21	24 21	28 13	32 07				19 27	19 26	19 28	21 15			23 12	23 18	23 17	23 13	30 02	04 10	04 19	07 17	07 15	09 14	08 12
Lahore ..	25 04	23 06	22 08	23 11	26 15	28 14	33 12	35 18	36 21	29 17	27 24	26 20	26 18	30 03	31 04	23 02	23 06	27 09	29 11	29 08	32 08	02 18	04 11	03 09	05 06	34 07
Multan ..	20 09	20 10	20 08	09 07	06 07	03 15	02 11	03 21	03 31	24 25	24 33	24 23	22 17	..	..	20 10	24 07	18 06	14 07	09 06	09 11	02 13	04 11	04 08	07 09	22 10
Muscat ..	..					..	..	..	..				..	..	..	..	..	..		..	..	..	..	..	..	..
Panjgur ..	..			..						..	..	..				..		..				..	..	..	..	..
Peshawar ..	..	12 06	13 05	13 17	15 17	33 05	30 15	34 15	36 13	..	35 03	33 12	30 10	29 12	..	..	07 03	08 05	30 08	30 11	29 03	..	..	..	..	..
Quetta ..	..	..	..	..	33 13	33 12	33 13	01 10	02 16	..	..		..	29 04	36 09	..	..	..	..	28 04	33 07	14 09	01 03	03 09	06 10	26 15
Sharjah ..													..	..	..							..	..	..	..	..
Sylhet ..	33 03	26 01	19 05	19 11	18 06	14 08	..	..	..	18 08	18 14	18 10	..	..	..	09 09	19 07	19 10	22 18	23 15	..	..	..	..	..	..
Veraval ..	..												..	..	..	..	..	..	..			..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 15	27 15	27 12	30 10	33 11	03 09	05 18	06 19	11 12									
Peshawar ..																		
Quetta ..																		

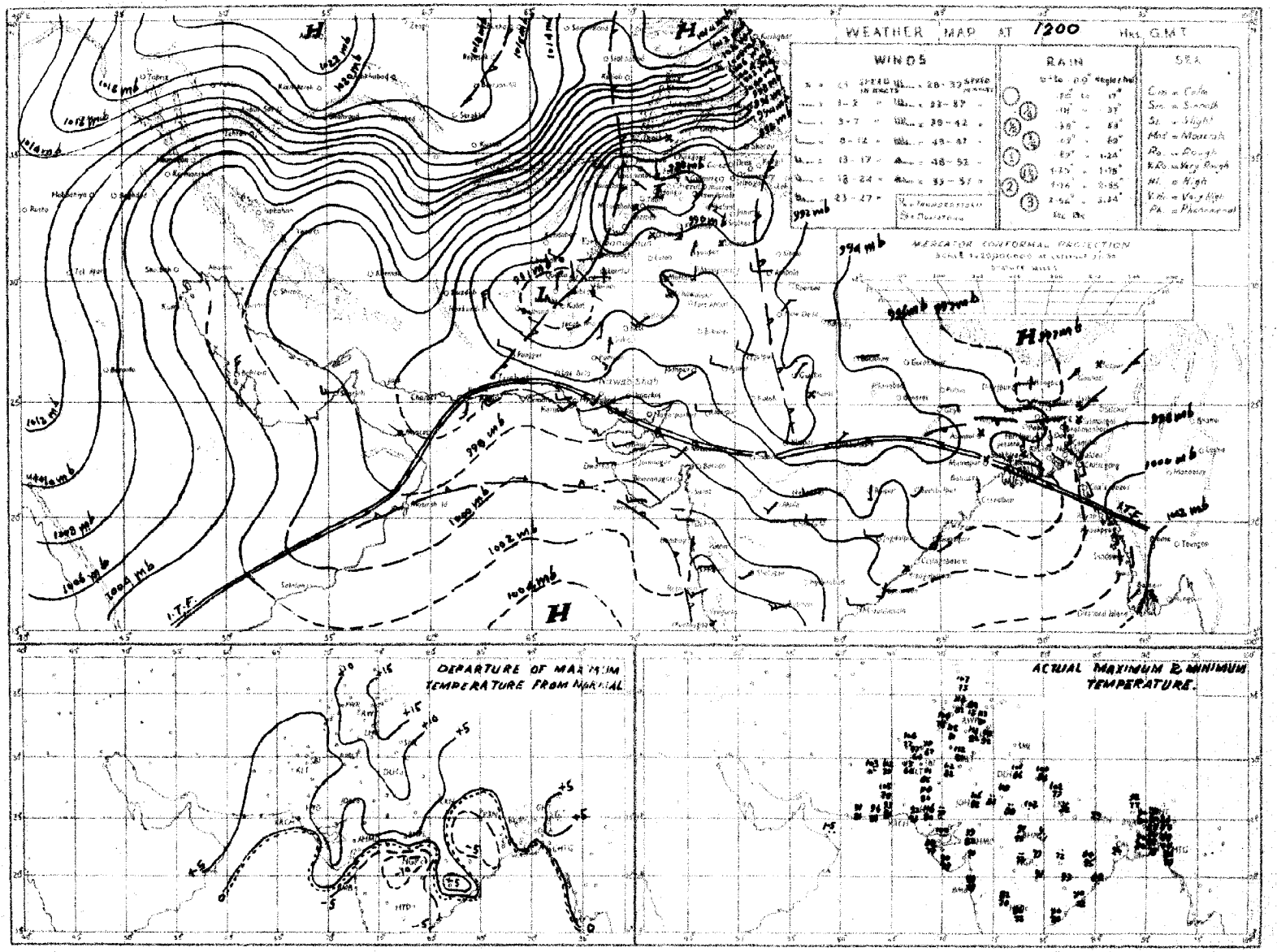
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

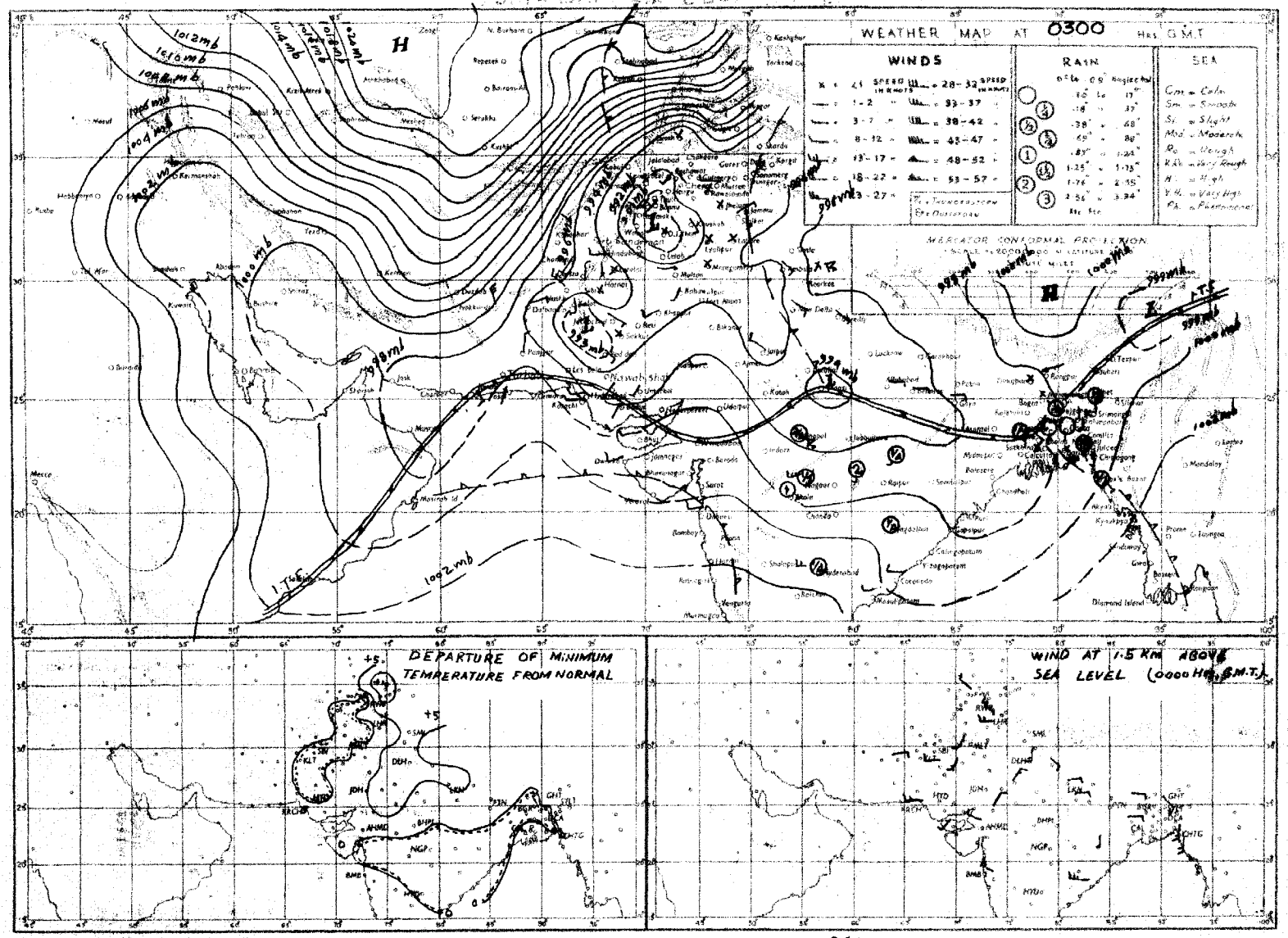
FRIDAY 5th. JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 6th JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg No. S 1467

SUNDAY, THE 7th JULY, 1957

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

The seasonal low lies over D. I. Khan and adjoining divisions.

Weather remained dry over West Pakistan.

Rainfall has been fairly widespread in Chittagong division and scattered elsewhere in East Pakistan.

Chief amounts of rainfall are:—Maijdee Court 1" and Cox's Bazar and Chittagong ½" each.

Day temperatures were generally 5-10°F below normal in Quetta and Kalat divisions outside coast and 7-14°F above normal elsewhere in West Pakistan outside Khairpur and Hyderabad divisions where they were 2-4°F above normal.

Forecast valid until the evening of 8th:—Local rain thundershowers will occur in Chittagong and Dacca divisions and scattered in Rajshahi division. Dry weather will prevail in West Pakistan.

Karachi-11.
The 7th July, 1957

OBSERVATIONS

ABDUL MAJID KHAN.
for Director Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	018	8	6	16	07	96	02	6	989	81	5	4	6	1	9	78	87
	Chittagong	030	3	8	20	09	96	60	6	979	82	8	6	4	×	×	80	88
	Maijdee Court	000	9	8	00	00	96	03	2	973	84	2	1	6	2	×	78	86
	Comilla	003	3	7	13	10	99	03	5	369	85	7	4	5	0	0	79	89
	Brahmanbaria	000	0	6	18	02	97	03	2	970	85	4	4	4	4	0	79	88
	Sylhet	004	5	8	36	02	90	02	6	972	85	2	4	6	7	8	79	87
	Srimangal	013	0	8	00	00	97	92	2	975	85	8	5	6	×	×	79	91
Dacca	Mymensingh	000	0	8	09	02	98	02	2	969	86	8	7	5	×	×	××	88
	Narayanganj	000	9	8	18	03	94	03	2	968	86	8	4	5	×	×	77	89
	Dacca (Tezgaon)	000	9	8	13	05	97	03	2	964	85	2	4	4	0	8	79	88
	Faridpur	003	8	6	16	05	96	02	2	958	85	4	4	7	1	0	79	88
	Barisal	000	5	6	00	00	96	03	5	963	86	6	7	9	6	0	79	88
Rajshahi	Khulna	000	0	8	00	00	97	03	2	963	86	8	5	7	×	×	81	91
	Satkhira	000	0	6	00	00	97	03	1	958	85	4	5	7	9	0	79	89
	Jessore	000	0	6	13	03	97	02	2	958	87	4	6	6	5	0	80	91
	Sirajganj	000	0	8	13	02	95	00	0	947	85	8	0	9	9	×	78	03
	Bogra	015	4	6	13	02	96	02	6	956	86	4	6	6	0	8	79	88
	Dinajpur	000	2	4	00	00	96	02	2	959	88	0	0	9	9	0	80	90
	Rangpur	007	3	6	13	02	96	01	6	×××	89	3	5	6	2	0	80	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	97	02	0	886	12	0	0	9	0	0	66	13
	Sialkot	000	0	0	23	03	96	00	0	876	13	0	0	9	0	0	65	14
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	870	12	0	0	9	0	0	64	13
	Rawalpindi	000	0	0	00	00	99	00	0	855	10	0	0	9	0	0	46	12
	Khushab	000	0	1	18	05	97	03	0	879	11	1	0	9	7	0	75	14
Multan	Lyallpur	000	0	0	20	02	96	00	0	890	11	0	0	9	0	0	53	12
	Montgomery	000	0	0	25	02	96	00	0	993	11	0	0	9	0	0	56	12
	Multan	000	0	0	23	02	96	00	0	895	10	0	0	9	0	0	53	15
Bahawalpur	Leish																	
	Khanpur	000	0	0	23	04	96	00	0	892	14	0	0	9	0	0	65	14
	Bahawalpur	000	0	0	00	00	97	00	0	900	10	0	0	9	0	0	68	12
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	××	××	97	02	7	846	05	0	0	9	0	0	52	08
	Peshawar	000	0	0	00	00	95	05	0	859	09	0	0	9	0	0	55	12
	Haripur	000	2	1	36	02	97	01	0	859	07	1	1	6	0	0	76	08
	Campbellpur	000	0	0	16	03	94	07	0	868	15	0	0	9	0	0	48	15
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	916	12	0	0	9	0	0	70	13
	D.I. Khan	000	0	0	00	00	98	00	0	885	08	0	0	9	0	0	56	15
Quetta	Sibi	000	0	0	00	00	99	00	0	979	16	0	0	9	0	0	47	16
Kalat	Nokkund	000	0	0	34	19	97	02	0	946	93	0	0	9	0	0	37	94
	Turbat	000	0	0	00	00	97	00	0	×××	11	0	0	9	0	0	70	13
	Jiwani	000	0	3	18	10	97	03	0	931	94	3	6	4	0	0	75	95
	Pasni	000	0	0	23	16	94	05	0	943	92	0	0	9	0	0	82	96
	Ormara	000	0	0	××	××	98	00	0	942	93	0	0	9	0	0	83	93
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	27	12	96	03	2	942	88	2	4	6	1	×	84	92
	Karachi (Air port)	000	0	8	23	10	96	03	2	945	88	8	5	6	×	×	83	92
	Badin	000	0	0	23	02	97	00	0	941	95	0	0	9	0	0	73	00
	Nagarparker	×××	×	0	00	00	96	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	03	97	00	0	902	03	0	0	9	0	0	74	05
	Hyderabad	000	0	0	20	10	96	02	0	927	97	0	0	9	0	0	72	01
Khairpur	Pad-i-dan	000	0	0	13	09	98	02	0	896	11	0	0	9	0	0	67	11
	Nawabshah	000	0	0	18	12	95	05	0	909	05	0	0	9	0	0	76	08
	Sukkur	000	0	0	20	05	96	00	0	893	07	0	0	9	0	0	69	08
	Rohri																	
	Jacobabad	000	0	0	13	09	96	02	1	899	09	0	0	9	0	0	65	10
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	00	00	97	00	1	943	95	0	0	9	0	0	87	01
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	4	2	31	03	98	01	1	365	87	2	1	4	0	0	52	89
Peshawar	Drosh *	000	0	0	23	05	96	00	0	308	01	0	0	9	0	0	33	06
	Cherat *	000	8	0	18	02	95	05	4	381	01	0	0	9	0	0	46	03
	Kakul *	000	0	0	23	05	99	00	0	377	98	0	0	9	0	0	55	00
D.I. Khan	Landi Kotal *	000	0	0	34	02	95	05	4	362	05	0	0	9	0	0	39	05
	Parachinar *	000	0	0	13	02	99	00	0	793	84	0	0	9	0	0	52	××
	Miranshah *	000	0	0	00	00	99	00	0	513	01	0	0	9	0	0	87	08
	Wana *	000	0	0	13	02	96	00	0	400	00	0	0	9	0	0	39	02
Quetta	Fort Sandeman *	000	0	4	27	02	97	01	0	395	03	4	2	6	0	0	48	04
	Hindubagh *	000	0	0	27	02	97	00	0	368	96	0	0	9	0	0	45	97
	Loralai *	000	0	0	13	02	98	00	0	492	97	0	0	9	0	0	42	99
	Harnai *	000	0	0	13	02	96	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	25	07	95	06	0	387	93	0	0	9	0	0	61	95
Kalat	Chaman *	000	0	0	23	07	95	00	0	405	91	0	0	9	0	0	83	92
	Kalat *	000	0	0	34	11	95	07	0	433	83	0	0	9	0	0	67	90
	Nushki *	000	0	0	31	09	95	00	0	468	95	0	0	9	0	0	50	96
	Dalbandin *	000	8	0	09	02	93	44	4	408	98	0	0	9	0	0	41	99
Afghanistan	Panjgur *	000	0	0	31	12	93	09	0	418	93	0	0	9	0	0	47	93
	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1957 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1957 to date (41)	Rainfall: Annual normal (42)
Chittagong	Cox's Bazar	021	4	7	11	10	96	02	6	018	83	7	4	6	1	0	76	78	+ 1	+ 1	50.6	+ 11.7	61.5	104
	Chittagong	032	9	5	16	09	97	02	6	020	80	2	4	6	2	0	77	79	+ 2	- 2	19.5	- 6.7	26.9	108
	Maijdee Court	110	5	8	13	05	96	01	6	014	83	2	4	5	4	×	79	79	0	+ 1	23.3	- 2.3	33.2	115
	Comilla	013	9	8	18	07	99	02	6	013	85	8	4	5	×	×	78	78	+ 2	+ 1	16.9	- 5.1	28.8	194
	Brahmanbaria	000	0	6	18	05	97	03	2	012	84	6	5	3	0	0	78	79	—	0	19.9	+ 3.1	37.6	78
	Sylhet	004	0	8	09	05	96	02	2	015	85	3	5	6	2	×	78	80	—	—	30.5	—	81.1	..
	Srimangal	013	0	7	00	00	97	02	2	017	85	3	1	7	3	2	76	78	+ 1	+ 2	26.1	+ 3.9	52.8	98
Dacca	Mymensingh	000	0	8	09	02	98	02	2	012	83	6	7	5	×	×	79	80	+ 1	+ 2	27.5	+ 5.9	38.1	91
	Narayanganj	000	9	7	16	07	95	03	2	008	87	7	4	5	0	0	79	81	+ 1	+ 2	23.1	+ 7.7	39.2	74
	Dacca (Tezgaon)	000	9	6	13	05	97	02	2	003	86	5	4	4	0	1	80	81	—	—	25.5	—	40.5	..
	Faridpur	003	6	4	16	07	97	02	2	003	86	3	4	7	1	0	79	77	0	- 1	16.7	+ 0.9	28.6	71
	Barisal	000	8	4	00	00	96	01	1	985	85	4	0	8	3	0	73	78		- 1	13.5	- 5.4	20.5	81
Rajshahi	Khulna	000	0	8	00	00	97	03	2	003	82	8	5	6	×	×	80	81	+ 3	+ 3	14.1	- 1.7	22.1	68
	Satkhira	000	0	6	00	00	98	03	2	983	89	4	4	8	9	0	78	80	0	+ 2	11.2	- 4.2	16.9	65
	Jessore	000	0	5	13	07	97	01	2	996	87	3	8	6	6	0	80	80	0	—	18.2	+ 3.0	22.5	65
	Sirajganj	000	0	2	13	02	97	00	0	997	87	2	1	6	0	0	79	80	+ 16	+ 2	26.2	+ 11.1	37.2	64
	Bogra	015	8	6	13	02	97	01	6	997	84	4	4	6	3	0	87	81	- 1	+ 3	25.7	+ 9.1	33.1	69
	Dinajpur	000	2	6	00	00	96	02	2	999	85	0	0	9	2	0	79	77	+ 9	- 1	15.8	- 2.3	19.1	72
	Rangpur	007	0	5	07	02	97	03	1	×××	87	6	4	6	0	0	79	79	+ 3	+ 1	21.0	- 1.2	29.9	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	01	1	929	97	0	0	9	0	4	66	85	+ 12	+ 5	0.4	- 2.2	9.1	19
	Sialkot	000	0	0	05	03	96	00	0	922	97	0	0	9	0	0	67	87	+ 15	+ 6	0.5	- 3.8	23.7	32
Rawalpindi	Jhelum	000	0	0	00	00	96	05	0	919	97	0	0	9	0	0	65	82	—	—	1.3	—	1.2	..
	Rawalpindi	000	0	0	00	00	99	00	1	919	90	0	0	9	0	0	54	77	+ 13	0	1.4	- 2.2	17.4	36
	Khushab	000	0	0	07	02	98	00	0	920	96	0	0	9	0	0	69	89	+ 10	+ 1	1.2	- 0.8	10.0	15
Multan	Lyallpur	000	0	4	20	02	96	01	0	928	97	0	0	9	0	3	71	82	+ 9	- 1	0.8	- 1.0	7.0	12
	Montgomery	000	0	7	23	02	96	03	0	928	82	0	0	9	2	0	68	82	+ 8	- 2	0.2	- 1.5	4.0	10
	Multan	000	0	0	18	02	96	00	0	917	95	0	0	9	0	0	68	83	+ 12	- 2	0.7	- 0.3	4.0	7
Bahawalpur	Leish																							..
	Khanpur	000	0	0	23	07	96	00	0	937	86	0	0	9	0	0	79	73	+ 7	- 10	0	- 0.8	1.0	6
	Bahawalpur	000	0	0	20	03	97	00	0	931	91	0	0	9	0	0	74	85	+ 7	+ 1	0.1	- 0.7	1.3	6
	Fort Abbas	000	0	0	23	07	97	00	0	930	04	0	0	9	0	0	70	88		—	0	—	2.9	8
Peshawar	Chakdara	000	0	6	00	00	97	03	1	915	89	0	×	8	8	×	55	62	—	—	0.2	—	15.1	..
	Peshawar	000	0	5	00	00	96	05	1	907	94	5	0	9	3	0	54	80	+ 9	0	0	- 0.5	11.1	14
	Haripur	000	0	0	23	02	97	00	0	908	95	0	0	9	0	0	55	83	—	—	0.5	—	14.6	..
	Campbellpur	000	0	7	09	02	98	01	1	913	99	7	0	8	5	0	54	87	—	—	0	—	15.4	..
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	903	94	0	0	9	0	0	74	82	—	—	0.1	—	7.1	11
	D.I. Khan	000	0	0	00	00	98	00	0	893	91	0	0	9	0	0	65	78	+ 11	- 5	1.0	0	6.5	10
Quetta	Sibi	000	0	0	23	01	99	00	0	937	93	0	0	9	0	0	74	76	—	—	0.3	—	5.3	5
Kalat	Nokkund	000	0	0	34	02	98	02	0	994	80	0	0	9	0	0	35	74	—	—	0	—	1.9	2
	Turbat	000	0	0	09	02	98	00	0	993	××	0	0	9	0	0	63	92	—	—	2.5	—	5.9	..
	Jiwani	000	0	3	09	05	95	05	0	961	83	3	4	4	0	0	82	81	—	—	0	—	3.1	4
	Pasni	000	3	0	00	00	90	42	4	971	82	0	0	9	0	0	81	81	+ 4	+ 3	0	- 0.4	6.2	6
	Ormara	000	0	8	××	03	98	02	1	978	85	8	4	5	0	0	82	83	—	—	0	0	3.8	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	27	07	96	03	0	953	87	2	6	4	1	0	83	82	+ 1	0	0	- 0.9	0.5	8
	Karachi (Air port)	000	0	7	25	07	97	03	2	957	87	7	5	6	0	0	82	84	—	—	0	—	0.4	9
	Badin	000	0	0	23	02	96	00	0	978	87	0	0	9	0	0	77	××	+ 4	×	0	- 2.0	1.3	..
	Nagarparker	×××	×	0	00	00	97	00	0	×××	××	0	0	9	0	0	××	××	×	×	—	—	—	..
	Umarkot	000	0	9	23	03	97	00	0	937	86	0	0	9	0	0	78	80	—	—	2.6	—	2.6	..
	Hyderabad	000	0	6	23	10	96	03	0	947	85	0	0	6	0	0	77	82	+ 1	0	0	- 0.8	1.8	..
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	930	88	0	0	9	0	0	76	83	—	—	0	—	1.2	..
	Nawabshah	000	0	0	18	07	96	02	0	938	88	0	0	9	0	0	79	80	—	—	0.1	—	0.6	4
	Sukkur	000	0	0	16	02	96	00	0	937	85	0	0	9	0	0	77	81	—	—	0	—	2.8	..
	Rohri																							
	Jacobabad	000	0	6	13	05	96	02	0	937	88	0	0	9	0	0	75	85	0	0	0	- 0.4	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	0	0	00	00	99	00	0	957	94	0	0	9	0	0	65	89	+ 5	0	0	- 0.1	6.9	4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							..
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **	000	0	0	00	00	98	00	0	079	64	0	0	9	0	0	30	48		—	—	—	—	..
	Aliabad *																							..
	Gilgit *																							
Rawalpindi	Murree *	000	9	2	29	03	98	01	1	390	78	2	0	7	8	0	48	70	+ 14	+ 11	3.0	- 3.5	36.9	59
Peshawar	Drosh *	000	0	5	00	00	96	03	1	384	82	5	2	7	0	0	43	76	+ 10	+ 4	0.5	—	22.5	18
	Cherat *	000	3	6	31	03	96	03	2	390	87	6	0	9	5	0	44	86	+ 13	+ 14	0.5	- 1.0	21.1	29
	Kakul *	000	4	2	31	24	96	03	0	401	87	4	0	9	7	0	57	78	—	—	1.7	—	29.3	..
D.I. Khan	Landi Kotal *	000	0	7	20	02	97	03	4	395	89	7	0	9	5	0	39	78	—	—	0.1	—	14.3	29
	Parachinar *	000	0	0	00	00	99	00	0	794	72	0	0	9	0	0	48	××	×	×	2.4		21.5	13
	Miranshah *	000	0	0	00	00	99	00	0	432	91	0	0	9	0	0	76	69	—	—	0.5	- 0.7	92.7	11
	Wana *	000	0	0	00	00	96	00	0	410	84	0	0	9	0	0	47	72	—	—	—	—	12.1	11
Quetta	Fort Sandeman *	000	0	0	36	02	95	05	4	405	86	0	0	9	0	0	43	79	+ 3	+ 4	0.8	- 0.2	11.3	..
	Hindubagh *	000	0	0	27	05	96	00	0	414	74	0	0	9	0	0	49	68	—	—	0	—	12.3	
	Loralai *	000	0	0	31	02	98	00	0	455	76	0	0	9	0	0	34	70	—	—	1.6	—	10.4	14
	Harnai *	000	0	0	27	01	98	00	0	×××	××	—	—	—	—	—	—	××	×	×	0.6	- 0.5	17.9	9
	Quetta *	000	0	0	00	00	93	06	0	414	69	0	0	9	0	0	58	59	—	—	0	- 0.2	9.5	8
Kalat	Chaman *	000	0	0	20	03	96	00	0	425	75	—	0	9	0	0	66	67	- 10	- 9	0	0	10.2	..
	Kalat *	000	0	0	02	02	98	07	0	426	70	0	0	9	0	0	53	56	- 1	- 6	0	- 0.3	8.4	..
	Nushki *	000	0	0	31	06	97	00	0	513	78	0	0	9	0	0	45	73			0	—	8.0	
	Dalbandin *	000	9	0	07	05	93	44	4	414	73	0	0	9	0	0	43	78	- 10	+ 3	0	0	4.4	4
Afghanistan	Panjgur *	000	0	0	36	03	98	00	0	419	75	0	0	9	0	0	51	70	- 10	- 6	0	—	4.2	
	Kabul *																							
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SUNDAY, THE 7th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O $T_sT_s T_dT_d$	$I_d w_d w_d P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udonaru	73 177	673 00	6 25 20	97 02 1	990 81	51 5 40	3 5 625	..	0 00 ××	..
Sirdhana	73 199	699 00	8 26 20	97 20 5	983 84	88 6 ××	7 5 617	..	0 51 75	1 26 44
Jalvishnu	73 213	623 06	6 25 13	98 03 2	973 82	48 7 7×	..	..	..	..
Daressa	73 211	694 06	7 25 05	97 02 2	990 85	66 2 00	3 1 422	..	..	1 25 32
Sirdhana	73 210	695 06	6 27 18	97 01 2	992 86	48 6 60	7 5 400	..	0 00 79	1 27 43
Daress	73 229	674 18	2 24 18	99 01 0	970 29	22 8 00	3 1 550	..	..	1 24 34
S. S. Obra	73 248	658 18	8 24 10	97 02 2	970 30	41 7 07				
Sirdhana	73 232	677 18	3 26 13	97 01 1	977 29	23 6 50	7 5 106	..	0 52 26	1 25 33
BAY OF BENGAL										
Jalparkash	71 171	925 00	8 24 13	97 02 2	010 86	88 7 ××	7 3 406	8 8 850	0 ×× ××	1 27 44
Ocean Endurance	73 195	874 00	6 22 13	97 02 1	030 84	25 7 12	5 3 4××	..	0 52 ××	1 22 32

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	995 295 288	..	..	430 230 230	..	130 178 092	..	..	..	..	..	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	824 190 075	.	..	..	..	088 158 072	372 052 028	849 020 990	611 590 990	975 783	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 248 248	800 222 185	763 205 125	727 208 085	632 075 512	..	..	..	..	632 075 512	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 202 108	101 705 575	552 048 998	992 132 482	350 692 998	..	..	..	..	350 692 998	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb : Dew Point temperatures (in tenths of 9C.
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	14 13	15 19	17 19	16 17	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..
Chhor ..	21 12	23 19	21 14	29 10	11 06	02 07	29 08	31 06	35 08
Chittagong ..	19 07	..	..	..	..	..	..	..	..
Cox's Bazar ..	17 22	18 24	..	..	..	..	..	..	..
Dacca ..	15 20	15 18	15 17	16 17	15 18	16 15	14 12	14 10	10 13
Dalbandin ..	..	..	19 11	25 07	27 05	..	..	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..		..	..	24 13	22 15	26 07	22 21	..	..
Fort Sandeman ..		..	..	26 10	25 08	36 04	36 03	32 12	32 11
Jacobabad ..	17 09	17 10	15 08	10 03	03 05	36 17	02 12	03 15	03 14
Jessore ..									
Jhelum ..	29 03	28 02	32 03	30 10	32 13	36 13	36 08	34 09	30 06
Jiwani ..	22 08	28 05	32 09	01 19	01 17	..	..	..	..
Karachi ..	25 16	22 14	23 12	..	..	..	..	..	..
Khanpur ..	24 07	22 08	22 10	24 12	20 06	03 13	03 15	06 14	06 10
Lahore ..	23 13	24 17	24 11	28 11	28 12	34 15	04 14	01 15	11 10
Multan ..	19 09	19 09	18 07	13 06	04 07	08 08	35 14	02 06	02 06
Muscat ..					..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..		..						
Quetta ..	..	..		..	29 06	09 02	36 07	03 04	01 05
Sharjah ..									
Sylhet ..	30 08	22 04	19 09	19 09	19 08	17 09	12 09	..	..
Veraval ..									

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	14 10	..	..	..	..	..
Chaklala	..					
Chhor ..	23 24	23 17	22 27	22 19	20 16	..
Chittagong ..	16 24	17 25	17 25	18 23	19 19	18 24
Cox's Bazar ..	16 20	17 17	18 19	..	..	..
Dacca ..	17 13	18 12	18 11	17 11	16 10	16 11
Dalbandin ..	..	..	05 10	12 08	12 05	30 05
D. I. Khan ..	..					
Drosh ..	..				05 01	02 02
Fort Sandeman ..				18 03	20 08	34 03
Jacobabad ..	15 13	18 10	25 09	17 05	14 02	36 06
Jessore ..						
Jhelum ..	15 03	07 01	03 03	32 02	30 09	31 06
Jiwani ..	03 08	04 5	03 17	..	..	..
Karachi ..	27 14	27 13	28 14	..	..	..
Khanpur ..	24 24	23 29	23 25	23 15	23 14	..
Lahore ..	28 13	23 08	16 06	09 09	10 06	06 06
Multan ..	22 35	23 45	22 37	22 37	..	..
Muscat ..			..			
Panjgur ..	..					
Peshawar ..	..	36 12	33 13	31 11	26 12	24 15
Quetta ..	..	..		..	04 03	31 05
Sharjah ..						
Sylhet ..	16 10	17 19	18 16	..	..	..
Veraval ..						

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	16 11	17 18	17 12								
Chaklala	..	16 03	14 07	13 01	30 09	27 06	..	..	..	..	..
Chhor ..			..	..	..	..	..	..	..	..	..
Chittagong ..	17 15	17 23	17 23				..	..	..	..	..
Cox's Bazar ..	16 19	16 21	16 25	17 19	18 20	19 21	..	..	..	..	..
Dacca ..	17 17	17 15	18 17		..	..	..	..	..	..	..
Dalbandin ..			07 17	04 08	06 09	..	..	..	..	..	..
D. I. Khan ..	..	..	..	..					..	..	..
Drosh ..	..	..			21 02	20 03	22 07	23 08	24 18		..
Fort Sandeman ..		..		30 02	13 08	11 06	12 06	11 05	36 04	24 08	26 12
Jacobabad ..	16 03	03 03	21 05	13 04	05 05	02 08	09 10	06 06	01 06	15 03	14 04
Jessore ..											
Jhelum ..	13 04	13 10	13 05	30 03	34 07	34 04	36 11	26 07	26 12	27 12	26 25
Jiwani ..	10 05	03 11	03 18	35 22	32 16	31 18	21 13	18 11	..	..	..
Karachi ..	23 15	25 08	25 13								
Khanpur ..	22 10	23 12	23 10	20 06	16 04	15 12	05 17	34 01	01 05		..
Lahore ..	27 04	24 04	24 07	25 12	29 07	29 04	03 09	07 07	25 03	35 06	28 09
Multan ..	22 18	22 29	22 24	21 10	18 10	15 14	11 20	09 21	06 19	05 15	05 28
Muscat ..					..	..	..	..	..	..	..
Panjgur ..	..	..	..	..							
Peshawar ..	..	02 06	01 07	36 12	34 09	25 12	24 17	28 12	28 10	29 12	31 21
Quetta ..		..	..	..	31 05	18 03	×× ××	26 02	22 01	31 03	24 05
Sharjah ..					..	..	..	..	..	..	..
Sylhet ..	17 06	17 12	18 15	18 07	..	..	..	..	..	..	..
Veraval ..		..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 13	26 16	27 17	27 14	25 04	06 18	04 25	06 13	09 10	13 25	09 17	09 11	12 18	12 21	12 19	11 21	11 45	
Peshawar ..																		
Quetta ..																		

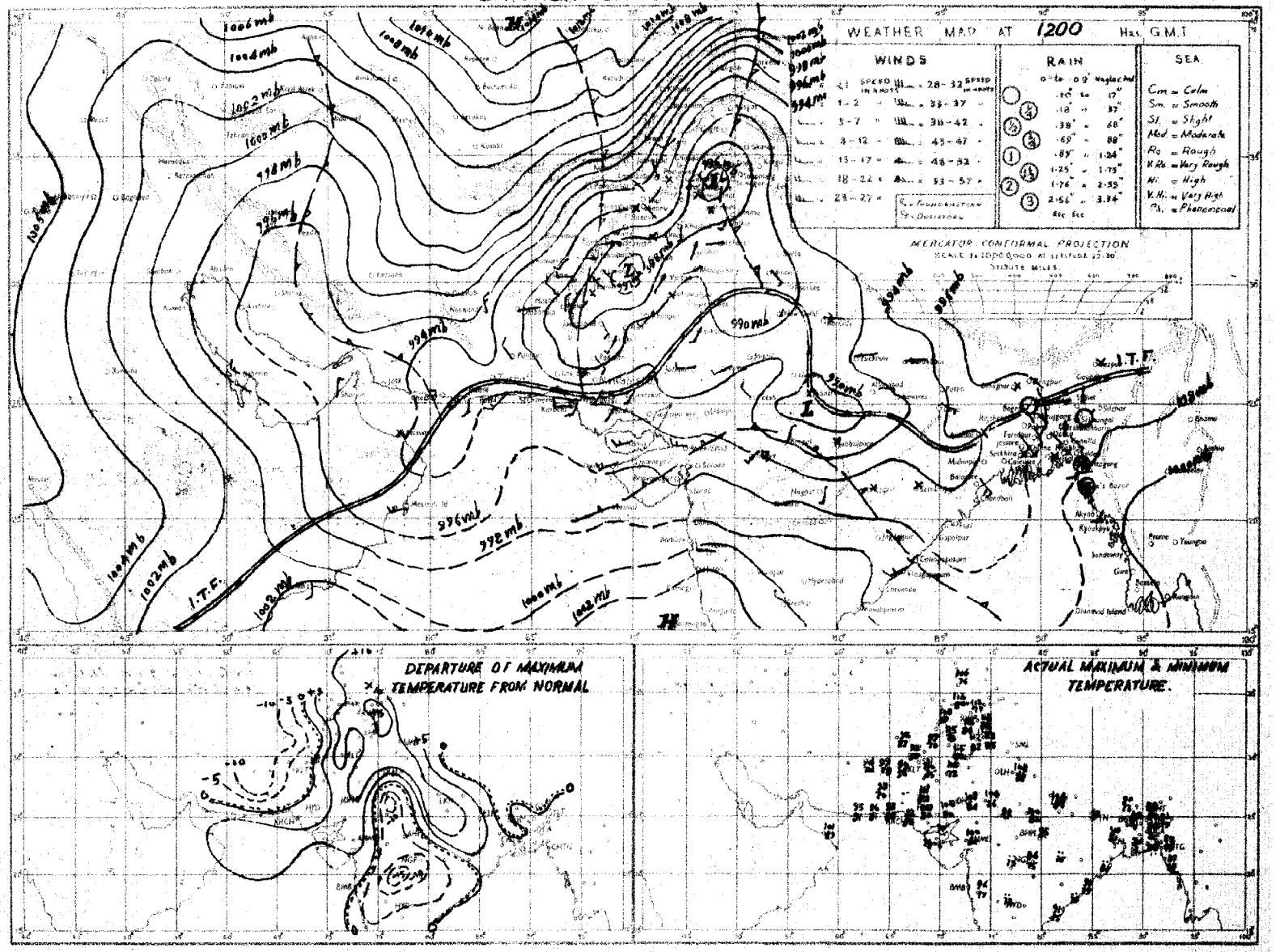
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

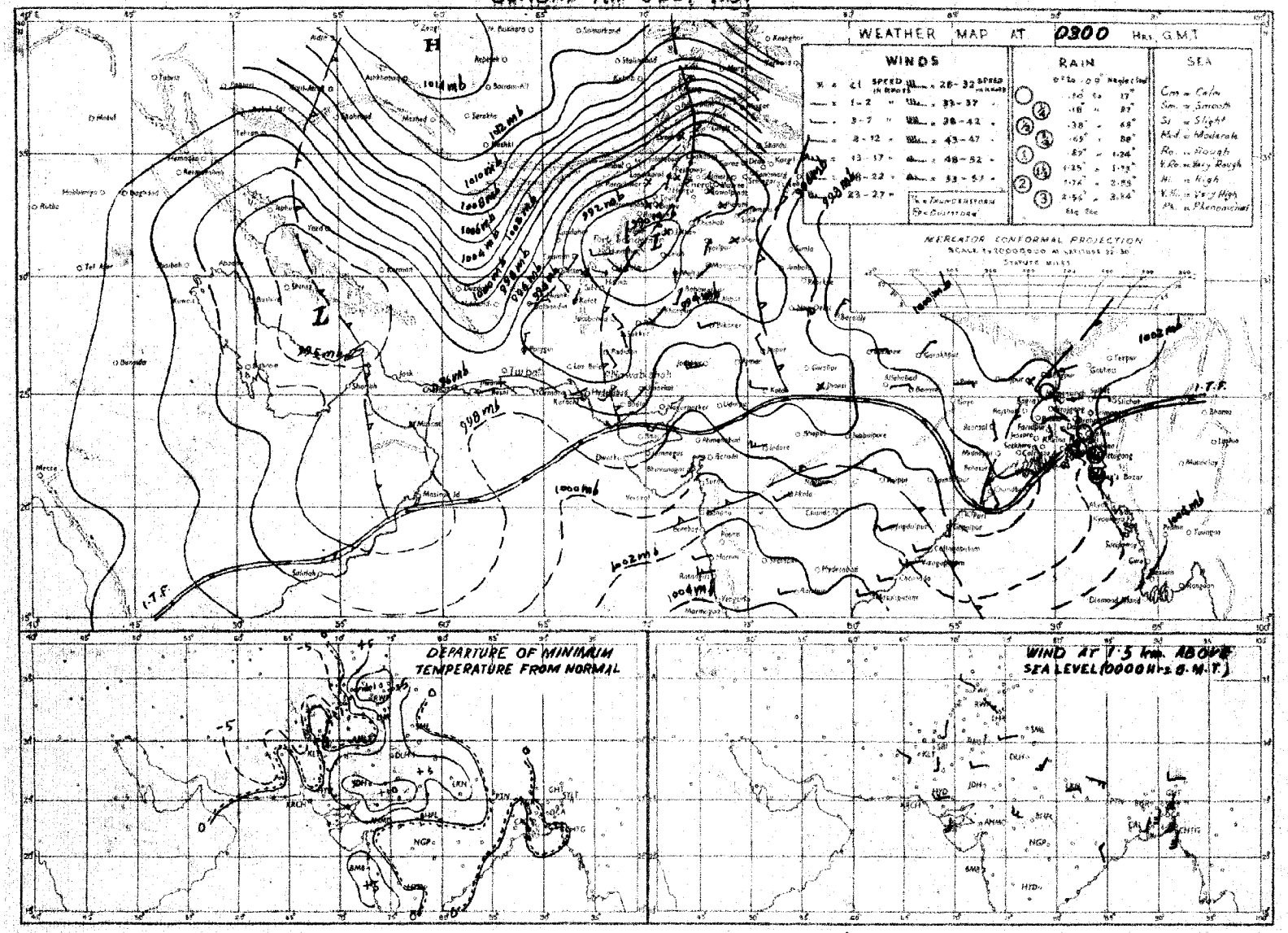
SATURDAY 6th JULY 1957



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 7th JULY 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg No S 1407

MONDAY, THE 8th JULY, 1957

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

The seasonal low over D. I. Khan and adjoining divisions persists.

Weather has continued to be dry over West Pakistan.

Rainfall has been fairly widespread in Chittagong division and local elsewhere over East Pakistan.

Chief amounts of rainfall are:—Maijdee Court, Narayanganj and Rangpur ½" each; Cox's Bazar and Dacca ¼" each.

Day temperatures were 10-16°F above normal in Multan, Lahore and Rawalpindi divisions, 4-8°F so in Bahawalpur, D. I. Khan, Peshawar, Hyderabad and coastal south Kalat divisions and 6-8°F below normal in Quetta and north Kalat divisions.

Forecast valid until the evening of 9th:—Fairly wid spread rain will occur in Chittagong and Dacca divisions and local in Rajshahi division. Dry weather will continue over West Pakistan.

Karachi-11.
The 8th July, 1957.

OBSERVATIONS

ABDUL MAJID KHAN.
for Director, Meteorological Service.

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (Ch)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	002	8	7	11	05	95	60	6	025	81	7	4	6	1	0	78	87
	Chittagong	000	4	6	16	09	96	02	5	009	81	4	4	5	2	0	77	87
	Maijdee Court	000	9	8	13	02	96	16	2	001	84	4	5	5	4	×	78	86
	Comilla	000	0	3	18	14	99	03	0	000	85	3	4	5	0	0	78	89
	Brahmanbaria	000	0	3	18	05	99	03	2	006	86	2	4	5	2	0	77	91
	Sylhet	001	3	8	31	02	96	91	6	976	81	7	5	5	7	×	77	87
	Srimangal	014	2	8	00	00	96	95	9	011	80	8	9	6	×	×	77	90
Dacca	Mymensingh	000	0	8	09	02	98	02	2	000	86	8	4	5	×	×	79	90
	Narayanganj	020	5	6	16	05	95	03	6	996	87	4	4	5	2	8	77	89
	Dacca (Tejgaon)	028	5	5	16	05	97	02	6	991	85	1	2	6	3	2	78	89
	Faridpur	001	6	6	16	07	96	50	2	957	85	3	4	6	1	0	78	89
	Barisal	000	4	6	27	02	96	02	5	993	85	7	6	9	6	0	78	89
Rajshahi	Khulna	000	0	8	13	05	97	03	2	903	86	6	4	7	3	×	81	90
	Satkhira	000	0	6	00	00	98	03	2	986	82	4	5	8	9	0	80	91
	Jessore	000	0	6	18	05	97	02	2	983	88	4	6	6	5	0	80	90
	Sirajganj	000	0	6	00	00	96	00	0	987	85	4	0	9	9	1	79	99
	Bogra	010	2	0	00	00	96	00	6	990	85	0	0	9	0	0	79	91
	Dinajpur	000	2	6	00	00	96	02	2	985	88	0	0	9	2	0	81	91
	Rangpur	045	5	5	18	02	96	01	6	×××	85	2	5	6	0	2	82	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	03	96	03	0	910	12	0	0	9	0	0	66	13
	Sialkot	000	0	0	23	03	96	00	0	898	13	0	0	9	0	0	64	15
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	893	12	0	0	9	0	0	57	14
	Rawalpindi	000	0	3	00	00	99	03	0	893	10	3	2	7	0	0	51	13
	Khushab	000	0	0	18	02	98	00	0	898	13	0	0	9	0	0	77	15
Multan	Lyallpur	000	0	0	07	02	96	00	0	905	11	0	0	9	0	0	56	13
	Montgomery	000	0	0	00	00	96	00	0	923	11	0	0	9	0	0	62	14
	Multan	000	0	0	23	02	96	00	0	894	11	0	0	9	0	0	53	15
Bahawalpur	Laiah																	
	Khanpur	000	0	0	23	06	96	00	0	913	10	0	0	9	0	0	65	12
	Bahawalpur																	
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	00	00	97	02	0	875	03	0	×	9	0	×	61	07
	Peshawar	000	0	4	05	03	95	05	0	886	09	4	0	9	3	0	59	10
	Kohat	000	0	2	23	02	97	03	1	847	13	2	1	6	0	×	48	15
	Campbellpur	000	0	0	00	00	98	00	0	878	16	0	0	9	0	0	49	16
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	882	11	0	0	9	0	0	69	12
	D.I. Khan	000	6	2	18	02	98	03	0	907	14	0	0	9	0	2	63	16
Quetta	Sibi	000	0	0	18	01	99	00	0	901	15	0	0	9	0	0	45	15
Kalat	Nokkundi	000	0	0	34	02	98	02	0	932	00	0	0	9	0	0	22	01
	Turbat	000	0	0	09	02	97	00	0	978	××	0	0	9	0	0	76	15
	Jiwani	000	0	0	20	07	96	02	0	938	92	0	0	9	0	0	75	97
	Pasni	000	0	0	23	16	94	07	0	949	94	0	0	9	0	0	77	04
	Ormara	000	0	6	××	07	98	02	1	957	95	6	0	9	2	0	84	97
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	27	12	96	03	4	931	86	2	6	4	1	0	84	91
	Karachi (Air port)	000	0	7	23	07	96	03	2	963	90	7	5	5	3	0	85	93
	Badin	000	0	0	23	02	97	00	0	995	98	0	0	9	0	0	72	05
	Nagarparkar	×××	×	0	00	00	96	00	3	—	—	0	0	9	0	0	—	—
	Umarkot	000	0	0	23	03	97	00	0	917	04	0	0	9	0	0	72	05
	Hyderabad	000	0	0	20	10	96	07	0	934	01	0	0	9	0	0	70	02
Khairpur	Padidan	000	0	0	13	09	98	02	0	917	08	0	0	9	0	0	40	09
	Nawabshah																	
	Sukkur	000	0	0	00	00	96	00	0	917	07	0	0	9	0	0	73	07
	Rohri																	
	Jacobabad	000	0	0	18	03	96	02	0	914	08	0	0	9	0	0	65	09
Junagarh Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat	000	0	0	05	02	98	00	0	946	93	0	0	9	0	0	××	98
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Bilaspur **																	
Rawalpindi	Murree *	000	0	0	05	07	98	00	0	067	69	0	0	9	0	0	27	79
	Abbottabad *																	
	Gilgit *																	
Peshawar	Dir *	000	9	5	31	05	97	02	1	398	78	3	1	4	5	0	55	88
	Drosh *	000	0	6	23	05	96	03	2	341	99	6	2	7	0	0	46	03
	Chitral *	000	0	0	18	02	97	00	0	392	02	0	0	9	0	0	49	04
	Kakul *	000	6	0	27	09	99	00	1	398	00	0	0	9	0	0	56	01
	Landi Kotal *	000	0	3	02	05	96	05	5	381	03	3	0	9	5	0	44	05
D.I. Khan	Parachinar *	000	0	4	13	02	99	00	0	794	83	4	0	8	0	0	48	××
	Miranshah *	000	0	0	00	00	99	00	0	449	07	0	0	9	0	0	91	09
	Wana *																	
Quetta	Fort Sandeman *	000	0	4	23	02	96	03	0	395	00	4	0	9	2	0	51	03
	Hindubagh *	000	0	0	27	02	98	00	0	375	95	0	0	9	0	0	45	97
	Loralai *	000	0	0	09	02	98	00	0	482	96	0	0	9	0	0	36	99
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	34	03	95	06	0	380	92	0	0	9	0	0	78	92
Kalat	Chaman *	000	0	0	31	03	97	00	0	411	95	0	0	9	0	0	82	96
	Kalat *	000	0	0	29	11	98	00	0	367	86	0	0	9	0	0	68	91
	Nushki *	000	0	0	36	05	95	00	0	461	99	0	0	9	0	0	32	01
Afghanistan	Dalbandin *	000	8	0	09	05	93	42	4	412	99	0	0	9	0	0	41	
	Panjgur *	000	0	0	31	03	98	00	0	418	94	0	0	9	0	0	35	
	Kabul *																	
	Kandahar *																	

DIVISIONS.	STATION	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (Ch)	Dewpoint temperature °F (TdTd)	Minimum temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Departure from Normal of: Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	019	9	8	11	07	95	61	6	057	79	8	4	6	1	×	78	77	+ 1	0	50.8	+ 10.7	61.6	104
	Chittagong	004	0	7	11	09	97	02	2	045	84	5	4	5	2	0	76	78	+ 2	+ 1	19.5	- 7.5	27.0	108
	Maijdee Court	050	5	8	11	05	97	01	2	036	83	4	2	6	4	1	79	86	0	+ 8	23.8	- 2.4	33.7	115
	Comilla	007	9	8	18	06	99	02	6	043	83	8	5	5	×	×	78	77	+ 2	0	17.0	- 5.5	28.9	194
	Brahmanbaria	000	0	6	13	03	97	03	1	041	83	2	4	4	4	0	77	79	—	—	19.9	+ 2.8	37.6	78
	Sylhet	008	0	8	13	02	96	21	6	049	82	7	5	5	1	×	78	79	—	—	30.5	—	81.1	..
	Srimangal	001	5	7	00	00	97	50	2	050	82	7	4	6	0	0	78	78	0	+ 2	26.1	+ 3.4	52.8	98
Dacca	Mymensingh	000	0	8	09	02	98	02	2	045	83	8	7	4	×	×	79	80	+ 3	+ 2	27.5	+ 5.3	36.1	91
	Narayanganj	038	9	8	09	03	95	03	6	039	83	7	7	4	2	×	79	80	+ 1	+ 1	23.5	+ 7.7	39.6	74
	Dacca (Tejgaon)	031	6	8	13	05	97	21	6	033	81	6	5	3	2	×	79	79	—	—	25.8	—	40.8	..
	Faridpur	001	9	5	16	02	95	03	0	027	80	5	5	7	0	0	80	77	+ 1	- 1	16.7	+ 0.5	28.6	71
	Barisal	000	4	4	18	01	96	50	5	027	85	7	6	9	0	0	81	78	+ 1	- 1	13.5	- 6.0	20.5	81
Rajshahi	Khulna	000	0	8	13	03	97	03	2	025	84	8	4	6	×	×	81	80	+ 2	+ 2	14.1	- 1.2	22.1	68
	Satkhira	000	0	6	00	00	98	03	2	001	87	4	5	8	9	0	69	80	+ 2	+ 2	11.2	- 4.6	16.9	65
	Jessore	010	2	7	18	07	97	03	6	022	84	5	4	6	6	0	81	80	—	—	18.3	+ 2.8	22.6	65
	Sirajganj	000	0	6	13	02	96	01	2	026	85	6	5	6	0	0	79	81	+ 2	+ 3	26.2	+ 10.7	37.2	64
	Bogra	010	0	4	18	02	97	02	1	031	84	3	1	6	6	0	80	81	+ 2	+ 3	25.8	+ 8.7	33.2	69
	Dinajpur	000	2	7	00	00	96	02	2	029	86	0	0	9	0	0	78	77	+ 2	- 1	15.8	- 3.0	19.1	72
	Rangpur	062	1	7	13	02	96	21	1	×××	80	5	5	6	2	0	79	80	+ 2	+ 2	21.7	- 1.4	30.5	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	8	6	09	05	96	03	3	986	89	0	0	9	0	4	77	81	+ 12	+ 1	0.4	- 2.5	9.1	19
	Sialkot	000	0	0	00	00	97	00	0	972	88	0	0	9	0	0	73	××	+ 16	×	0.5	- 4.1	23.7	32
Rawalpindi	Jhelum	000	0	0	13	05	95	05	0	985	91	0	0	9	0	0	72	86	—	—	1.3	—	12.0	..
	Rawalpindi	000	0	0	00	00	99	00	0	977	95	0	0	9	0	0	65	80	+ 14	+ 3	1.4	- 2.4	17.4	36
	Khushab	000	0	0	07	10	97	00	0	987	00	0	0	9	0	0	73	85	+ 11	+ 2	1.2	- 0.9	10.0	15
Multan	Lyallpur	000	0	0	16	03	96	00	0	970	91	0	0	9	0	0	72	82	+ 10	- 1	0.8	- 1.1	7.0	12
	Montgomery	000	0	0	20	02	96	00	0	988	89	0	0	9	0	0	76	84	+ 10	0	0.2	- 1.6	4.0	10
	Multan	000	0	0	23	03	96	00	0	957	98	0	0	9	0	0	70	86	+ 12	+ 1	0.7	- 0.4	4.0	7
Bahawalpur	Laiah																							
	Khanpur	000	0	0	23	05	96	00	1	970	91	0	0	9	0	0	77	86	+ 5	+ 3	0	- 0.9	1.0	..
	Bahawalpur	000	0	5	23	03	97	00	0	966	94	5	0	9	0	1	73	88		+ 4	0.1	- 0.7	1.3	6
	Fort Abbas	000	0	1	23	14	94	07	0	957	99	1	1	6	0	1	71	93		—	0	—	2.9	8
Peshawar	Chakdara	000	0	6	××	××	97	03	1	946	88	6	0	8	8	0	33	69	—	—	0.2	—	15.1	..
	Peshawar	000	0	2	36	07	96	05	0	955	89	2	0	9	3	0	60	82	+ 7	+ 2	0	- 0.8	11.1	14
	Kohat	000	0	0	36	02	97	00	0	963	94	0	0	9	0	0	68	85	—	—	0.5	—	14.6	..
	Campbellpur	000	0	0	13	09	96	07	0	870	93	0	0	9	0	0	74	90	—	—	0	—	15.4	..
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	959	93	0	0	9	0	0	79	83	—	—	0.1	—	7.1	11
	D.I. Khan	000	0	0	00	00	98	00	0	940	91	0	0	9	0	0	69	80	+ 8	- 3	1.0	- 0.1	6.5	10
Quetta	Sibi	000	0	0	00	00	93	00	0	965	94	0	0	9	0	0	65	86	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	36	02	98	02	0	992	88	0	0	9	0	0	38	78	—	—	0	—	1.9	2
	Turbat	000	0	0	36	02	98	02	0	997	82	0	0	9	0	0	71	75	—	—	2.5	—	5.9	..
	Jiwani	000	0	0	13	03	96	10	0	984	83	0	0	9	0	0	79	80	—	—	0	—	3.1	4
	Pasni	000	0	4	09	02	94	05	0	006	83	4	5	7	0	0	82	80	+ 12	+ 2	0	- 0.4	6.2	6
	Ormara	000	0	8	00	00	98	02	1	010	85	8	0	9	2	0	81	82	—	—	0	0	3.8	6
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	00	00	96	03	0	980	87	3	6	4	0	1	83	82	0	0	0	- 1.0	0.5	8
	Karachi (Air port)	000	0	9	18	02	97	03	3	—	—	9	4	9	2	3	—	—	0	—	0	—	0.4	..
	Badin	000	0	0	23	02	97	00	0	987	87	2	5	5	0	6	81	83	—	—	0	- 2.0	1.3	9
	Nagarparkar	×××	×	0	00	00	97	00	0	005	87	0	0	9	0	0	77	××	+ 4	×	0	—	—	..
	Umarkot	000	0	0	23	03	97	00	0	—	—	9	0	9	0	0	—	—	—	—	2.6	—	2.6	..
	Hyderabad	000	0	0	23	05	97	00	0	978	88	0	0	9	0	0	77	83	—	—	0	- 0.8	1.8	..
Khairpur	Padidan	000	0	0	23	05	97	02	2	985	87	0	0	9	0	0	77	82	+ 2	0	0			..
	Nawabshah											0	0	9	0	8	75	84	—					4
	Sukkur	000	9	6	00	00	96	03	1	969	87	5	0	9	7	0	70	89	—	—	0	—	2.8	..
	Rohri																							4
	Jacobabad	000	8	5	13	07	96	01	1	974	91								- 1	+ 4	0	- 0.4	3.5	..
Junagarh Afghanistan	Veraval																							20
	Jalalabad																							..
Arabia	Muscat	000	0	0	03	02	99	00	0	969	90	0	0	9	0	0	83	89	—	+ 20	0	- 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							5
Kashmir	Srinagar **																							26
	Gulmarg **																							..
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu **																							6
	Bilaspur **																							..
Rawalpindi	Murree *																		—					..
	Abbottabad *																							..
	Gilgit *																							59
Peshawar	Dir *	000	9	0	09	02	96	00	1	436	75	0	0	9	0	0	58	69	+ 13	+ 10	3.0	- 3.7	36.9	18
	Drosh *	000	0	6	00	00	96	00	1	416	80	6	5	6	0	0	51	76	+ 7	+ 4	0.5	—	22.5	29
	Chitral *	000	0	0	18	05	95	05	4	429	81	0	0	9	0	0	61	80	+ 14	+ 8	0.5	- 1.1	21.1	..
	Kakul *	000	0	0	13	02	96	00	1	490	86	0	0	9	0	0	61	80	—	—	1.7	—	29.3	..
	Landi Kotal *	000	0	2	20	05	95	05	4	418	91	2	0	9	5	0	52	87	—	—	0.1	—	14.3	29
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	794	73	0	0	9	0	0	50	××	×	×	2.4	—	21.5	13
	Miranshah *	000	0	0	00	00	99	00	0	466	91	0	0	9	0	0	79	81	—	—	0.5	- 0.7	92.7	11
	Wana *	000	0	0	00	00	96	00	0	410	84	0	0	9	0	0	52	72	—	—	0	—	12.1	11
Quetta	Fort Sandeman *	000	0	0	03	00	96	00	0	436	85	0	0	9	0	0	69	80	+ 2	+ 5	0.8	- 0.3	11.3	..
	Hindubagh *	000	0	6	00	00	97	03	0	436	77	0	0	9	0	4	40	××	—	—	0	—	12.3	..
	Loralai *	000	0	0	00	00	98	00	0	453	80	0	0	9	0	0	46	72	—	—	1.6	—	10.4	14
	Harnai *	000	0	5	17	01	98	02	0	×××	××	0	0	9	2	0	××	××	×	×	0.6	- 0.6	12.9	9
	Quetta *	000	0	1	00	00	96	06	0	439	75	1	1	7	0	0	50	62	—	—	×	×	—	8
Kalat	Chaman *	000	0	0	31	03	96	02	0	417	83	0	0	9	0	0	71	72	- 6	- 4	0	0	10.2	..
	Kalat *	000	0	0	00	00	98	00	0	443	73	0	0	9	0	0	46	53	0	- 9	0	- 0.3	8.4	..
	Nushki *	000	0	0	31	05	97	00	0	524	80	0	0	9	0	0	46	76	—	—	0	—	8.0	..
Afghanistan	Dalbandin *	000	9	0	27	02	94	07	4	433	82	0	0	9	0	0	38	72	- 8	- 3	0	0	4.4	4
	Panjgur *	000	0	0	05	02	98	00	0	517	77	0	0	9	0	0	47	72	- 8	- 4	0	—	4.2	
	Kabul *																							
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

MONDAY, THE 8th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Taihomaru	13 187	657 00	8 25 26	95 02 2	000 82	87 4xx	7 6 510	..	0 00 77	..
Ryhomaru	13 089	763 00	2 24 12	97 01 2	060 79	23 4 00	3 4 205	..	0 56 75	..
Obra	13 248	634 06	8 24 09	98 02 2	966 84	00 9 07		..		..
Taihomaru	13 197	645 06	8 23 18	96 02 2	995 82	87 4xx	7 6 705	..	0 00 77	..
Devon City	13 181	713 06	5 26 27	98 25 1	011 83	23 3 31			..	
Dumra	13 249	618 06	8 18 03	97 03 2	967 86	76 4 1x	1 6 118	8 3 693	0 54 82	1 16 54
Devon City	13 189	69 12	7 26 25	98 25 2	986 83	77 3 00				..
Taihomaru	13 409	632 12	8 20 18	95 02 2	980 86	47 4 2x	7 6 405	..	0 04 79	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHHTTT			
	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	997 288 265	Missds											
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	827 202 132	..	..	..	130 142 042	..	404 030 990	868 550 990	..	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached	TROPOPAUSE	
										PPP TTT $T_dT_dT_d$	St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	Missds											
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	890 212 098	094 702 732	562 015 995	990 428 522	..	..	..	..	..	990 428 522	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	16 08	17 09	17 08	18 06	..	..	..	..	..
Chaklala ..								..	..
Chhor ..	21 25	22 14	20 16	20 10	19 09	18 10	20 11	..	..
Chittagong ..	17 25	18 29	18 28	..			..	..	..
Cox's Bazar ..	17 21	18 26	..	..	..	..	..	..	..
Dacca ..	15 28	16 29	17 33	17 31	18 30	18 47	..	..	..
Dalbandin ..	..	..	10 09	03 03	04 04	01 06	..		
D. I. Khan ..	..	..	..					..	
Drosh ..		..	..	21 07	20 07	23 11	24 22		
Fort Sandeman ..				17 14	11 13	27 05	28 08	30 11	..
Jacobabad ..	16 08	18 12	18 11	17 05	09 06	04 10	01 12	02 08	03 03
Jessore ..									
Jhelum ..	11 13	12 27	13 22	12 06	01 14	..	..	..	
Jiwani ..	20 07	09 02	02 10	36 15	03 05	23 09	18 11	09 02	
Karachi ..	23 13	23 12							
Khanpur ..	20 15	21 17	21 18	21 17	21 17	16 07	36 16	36 07	36 03
Lahore ..	25 06	24 07	25 07	26 10	28 11	32 06	36 01	33 05	33 05
Multan ..	22 11	20 10	19 12	18 15	17 13	21 12	19 08	06 16	33 08
Muscat ..	..			..		..	..	..	..
Panjgur ..	..		..	..	..	..	..	..	..
Peshawar ..	..	..	..						
Quetta ..	..	..		..	30 12	33 11	27 10	15 17	11 18
Sharjah ..				..			..		..
Sylhet ..	33 08	26 05	20 08	..	..	..	..	..	..
Veraval ..									

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	16 10	16 14	..	..	..	..
Chaklala ..	..		..		..	..
Chhor ..	23 16	23 21	20 22	16 13	14 15	..
Chittagong ..	15 22				..	..
Cox's Bazar ..	17 24	17 27	19 28	..		..
Dacca ..	17 17	18 18	18 21	19 30		..
Dalbandin ..	..	..	35 03	35 03	10 08	15 10
D. I. Khan ..	..	..	..			
Drosh ..	..	..			20 01	19 01
Fort Sandeman ..			..	16 02	09 05	14 03
Jacobabad ..	19 18	19 09	19 04	16 04	30 03	04 04
Jessore ..						
Jhelum ..	11 13	30 27	31 22	30 06	01 04	..
Jiwani ..	17 01	33 03	31 03	..	..	
Karachi ..	25 08	24 09	23 07	18 04	14 04	11 08
Khanpur ..	25 23	24 31	24 33	24 17	..	
Lahore ..	11 10	16 22	16 17	25 06	30 15	29 18
Multan ..	23 22	23 19	22 19	20 17	..	..
Muscat ..	..	..	..		..	
Panjgur ..	..				..	
Peshawar ..	..	35 11	33 08	05 07	26 08	24 21
Quetta ..	..	..			29 03	35 04
Sharjah ..				..		..
Sylhet ..	13 07	16 11	18 19	..	..	..
Veraval ..				..		..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	..		..		..		..	..	..	..	..
Chaklala ..	..	12 11	15 06	19 01	11 05	26 05	30 14	..	..	..	..
Chhor ..				..	..	..	..	..	..	..	..
Chittagong ..	17 24	17 25	18 20	..	..	..	..	..	..	..	..
Cox's Bazar ..	16 23	17 18	..		..	..	..	..	..	..	..
Dacca ..	13 21	15 19	06 21	16 31	17 19		..	..	..	..	..
Dalbandin ..	..	..	08 06	08 10	08 07	09 06	.		..	..	..
D. I. Khan ..	..	..	..	..					..		
Drosh ..	..	..	..		22 06	21 07	20 12	27 16	26 15	26 45	..
Fort Sandeman ..		..	..	01 03	06 06	10 11	08 07	27 10	23 10	25 15	26 17
Jacobabad ..	13 05	22 05	17 06	12 04	08 01	04 04	06 17	09 06	24 05	17 02	21 05
Jessore ..					..		..				..
Jhelum ..	14 07	13 13	12 12	14 03	27 10	22 09	..				..
Jiwani ..	05 01	05 05	05 08	04 12	05 10	13 07	14 10	10 05	06 12	10 13	..
Karachi ..	21 06	21 04	18 05								
Khanpur ..	23 10	24 13	24 18	23 18	23 10	22 08	21 05	24 01	23 04	27 05	17 05
Lahore ..	16 06	15 08	09 06	03 06	29 11	34 13	28 07	28 07	24 13	26 18	..
Multan ..	20 12	19 14	18 14	18 12	17 13	18 23	16 15	32 02	20 04	24 06	25 17
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..										
Peshawar ..	..	10 06	18 08	18 12	20 15	21 13	25 19	26 23	27 21	35 20	29 19
Quetta ..	..	..			33 03	29 06	14 05	..	..	..	..
Sharjah ..	..			..				..	..	..	..
Sylhet ..	17 02	18 11	19 15	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	Missds																	
Peshawar ..																		
Quetta ..																		

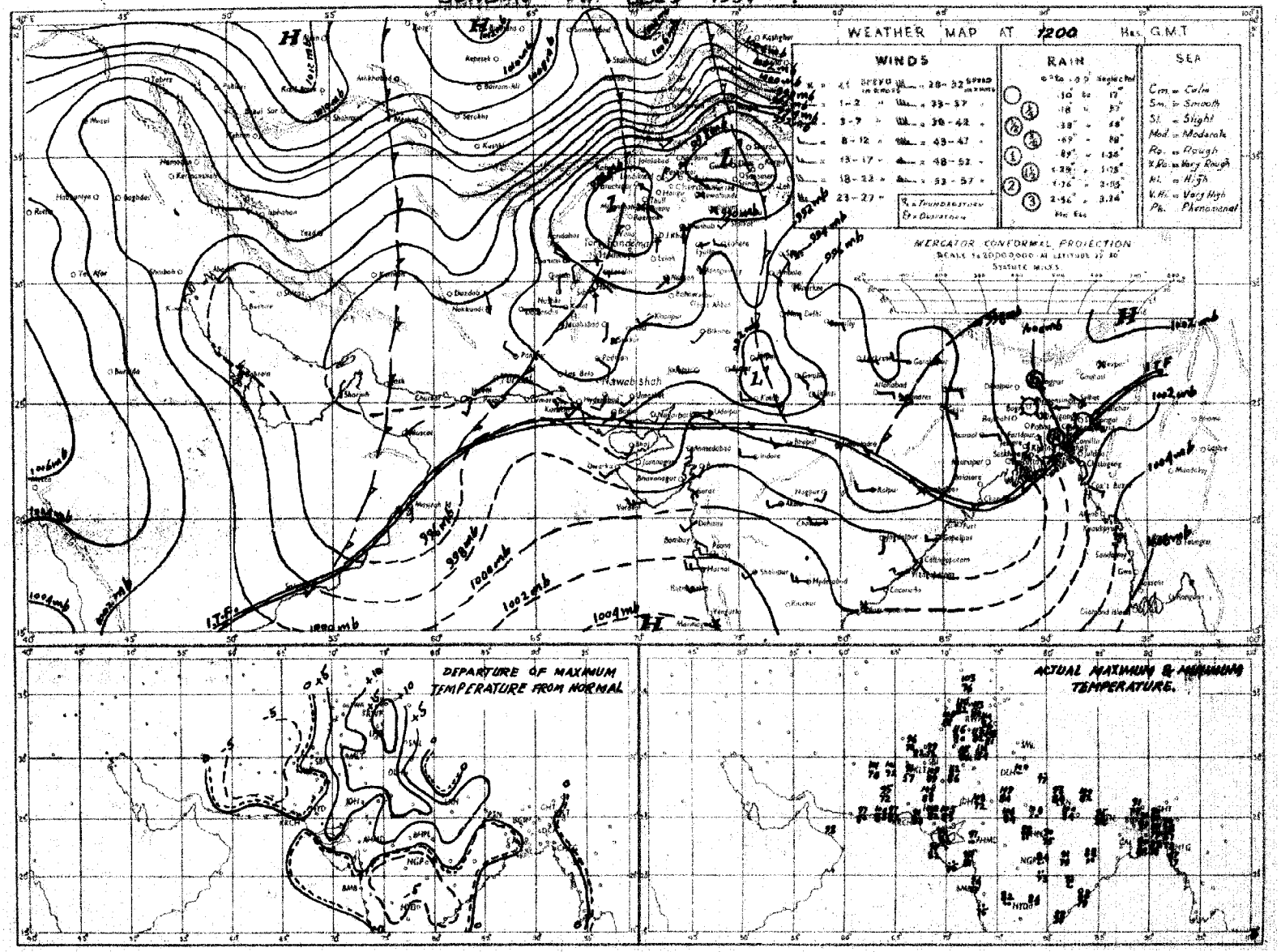
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

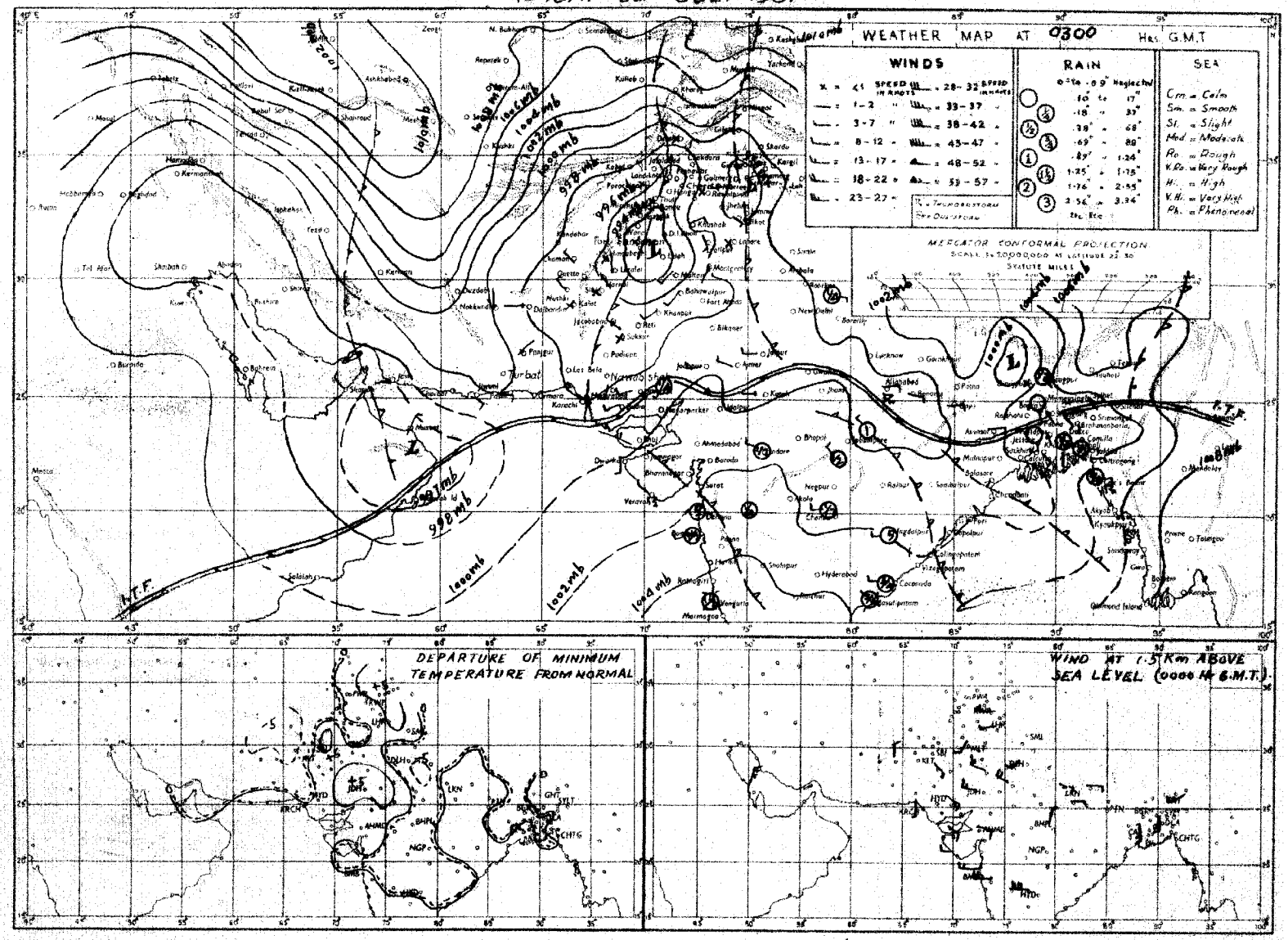
SUNDAY 7TH JULY 1957



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

PAKISTAN DAILY WEATHER MAP

MONDAY 8th: JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

TUESDAY, THE 9th JULY, 1957

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

A low pressure wave is moving eastwards across Peshawar division and Kashmir and has caused scattered drizzle in Peshawar division.

Fairly widespread rain has occurred in Chittagong and Dacca divisions and local in Rajshahi division.

Chief amounts of rainfall are:—Dinajpur 3"; Cox' Bazar and Comilla 2" each; Chittagong, Sylhet and Khulna 1½" each; Brahamanbaria and Rangpur ¾" each and Maijdee Court, Srimangal, Barisal and Jessore ½" each.

Day temperatures were generally 3-6°F above normal in West Pakistan outside Quetta division and north-west districts of Kalat division.

Forecast valid until the evening of 10th:—Fairly wid spread rain will occur in East Pakistan and scattered thunderstorm/showers in Peshawar, Rawalpindi divisions and Kashmir. Scattered dust/thunderstorms are also likely in Lahore, Multan and Bahawalpur divisions.

Karachi-11.
The 9th July, 1957.

OBSERVATIONS

ABDUL MAJID KHAN.
for Director. Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS.	STATION	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	005	9	8	16	09	96	21	6	037	82	8	4	6	×	×	78	86
	Chittagong	000	0	7	16	09	96	02	2	022	84	4	4	5	2	0	78	88
	Maijdee Court	010	4	8	11	05	97	03	5	014	84	1	4	5	2	1	78	86
	Comilla	007	3	4	18	09	99	03	0	011	85	4	8	5	0	0	82	88
	Brahmanbaria	000	0	5	18	02	97	03	2	013	84	2	4	3	2	0	80	89
	Sylhet	010	4	8	00	00	96	60	6	019	78	5	7	4	2	×	77	89
	Srimangal	053	6	8	00	00	97	02	6	021	82	8	5	6	×	×	78	90
Dacca	Mymensingh	000	0	8	13	02	98	02	2	007	85	8	7	5	×	×	79	90
	Narayanganj	010	2	8	18	03	95	03	6	005	85	8	4	4	×	×	79	86
	Dacca (Tezgaon)	011	6	7	16	07	97	21	6	000	84	3	4	4	0	5	79	87
	Faridpur	000	8	6	11	10	96	02	2	993	85	5	4	7	1	0	78	87
	Barisal	035	4	6	13	02	95	03	6	003	85	6	7	7	0	0	79	88
Rajshahi	Khulna	116	8	6	00	00	97	01	6	996	82	4	5	7	3	0	81	87
	Satkhira	130	4	6	00	00	97	03	6	003	82	4	4	8	3	0	81	88
	Jessore	060	5	8	18	03	97	03	6	995	82	8	8	6	×	×	81	88
	Sirajganj	000	0	6	16	03	96	02	0	991	84	6	0	9	9	0	78	89
	Bogra	000	0	5	00	00	96	02	1	989	86	3	1	6	3	0	79	90
	Dinajpur	065	6	7	00	00	95	95	9	000	82	7	3	6	0	0	79	90
	Rangpur	000	0	5	13	05	96	03	1	×××	85	4	5	6	2	0	79	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	1	00	00	96	01	2	933	08	0	0	9	0	1	74	08
	Sialkot	000	0	0	23	03	96	00	0	931	07	0	0	9	0	0	75	07
Rawalpindi	Jhelum	000	0	0	23	03	94	05	0	934	07	0	0	9	0	0	69	08
	Rawalpindi	000	0	0	00	00	99	00	0	910	07	0	0	9	0	0	50	07
	Khushab	000	0	0	20	03	97	00	0	925	10	0	0	9	0	0	58	10
Multan	Lyalpur	000	0	0	16	02	96	00	0	943	08	0	0	9	0	0	66	09
	Montgomery	000	0	0	00	00	96	00	0	945	10	0	0	9	0	0	73	10
	Multan	000	0	0	36	02	96	00	0	946	09	0	0	9	0	0	61	13
Bahawalpur	Leiah																	
	Khanpur	000	0	0	23	09	96	00	0	926	10	0	0	9	0	0	65	11
	Bahawalpur	000	0	3	27	02	97	02	0	947	09	0	0	8	1	1	78	09
	Fort Abbas	000	0	2	23	03	97	01	0	926	11	2	1	6	0	0	62	14
Peshawar	Chakdara	000	0	1	00	00	97	01	1	940	02	1	4	7	0	0	68	04
	Peshawar	000	0	1	05	03	94	05	0	909	05	0	0	9	0	3	65	07
	Haripur	000	0	0	27	02	97	00	0	914	09	0	0	9	0	0	59	10
	Campbellpur	000	0	0	18	09	95	07	0	913	11	0	0	9	0	0	56	16
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	911	07	0	0	9	0	0	76	07
	D.I. Khan	000	6	3	00	00	98	03	0	923	13	0	0	9	0	3	68	15
Quetta	Sibi	000	0	0	13	01	99	00	0	921	13	0	0	9	0	0	61	14
Kalat	Nokkundi	000	0	0	29	02	98	02	0	937	05	0	0	9	0	0	43	07
	Turbat	000	0	0	27	02	97	00	0	998	14	0	0	9	0	0	82	17
	Jiwani	000	0	0	16	09	96	02	0	972	90	0	0	9	0	0	76	91
	Pasni	000	0	1	18	10	94	05	0	987	91	1	5	7	0	0	79	94
	Ormara	000	0	8	××	××	98	02	0	985	96	8	0	9	2	×	84	98
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	27	12	96	62	0	964	91	2	6	4	0	1	86	92
	Karachi (Air port)	000	0	0	23	09	97	02	0	966	93	0	0	9	0	0	84	96
	Badin	000	0	0	23	02	97	00	0	965	09	0	0	9	0	0	73	04
	Nagarparkar	×××	×	0	05	02	96	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	02	97	00	0	945	05	0	0	9	0	0	72	07
	Hyderabad	000	0	2	20	05	97	03	0	960	02	0	0	9	0	5	73	03
Khairpur	Padidan	000	0	3	13	09	98	02	1	943	06	0	0	9	0	2	41	08
	Nawabshah	000	0	1	18	12	96	01	0	955	04	0	0	9	0	1	78	09
	Sukkur	000	0	4	20	03	95	02	1	932	05	0	0	9	0	3	74	06
	Rati																	
	Jacobabad	000	0	0	18	12	97	02	0	931	09	0	0	9	0	0	66	10
Junagarh Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	944	90	0	0	9	0	0	83	94
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh *																	
	Skardu *																	
	Bhagar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	5	4	39	03	97	01	1	410	82	4	1	4	0	0	62	84
Peshawar	Drosh *	000	0	5	23	07	96	03	2	353	97	5	3	6	0	0	45	02
	Chitral *	000	8	0	16	03	95	05	4	413	98	0	0	9	0	0	60	99
	Kakul *	000	0	0	23	09	99	00	0	416	97	0	0	9	0	0	55	97
D.I. Khan	Landi Kotal *	000	0	3	02	02	95	05	4	404	00	3	0	9	6	0	58	00
	Parachinar *	000	0	0	13	02	97	00	0	794	76	0	0	9	0	0	48	××
	Miranshah *	000	0	0	13	02	98	00	0	466	05	0	0	9	0	0	××	06
	Wana *																	
Quetta	Fort Sandeman *	000	0	2	23	02	96	01	0	405	97	2	0	9	2	0	58	01
	Hindubagh *	000	0	5	00	02	98	00	0	389	96	0	0	9	0	0	52	98
	Loralai *	000	0	6	09	02	98	02	1	455	94	6	0	9	5	0	64	98
	Harnai *	000	0	0	09	01	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	27	07	95	06	0	403		1	1	7	0	0	59	96
Kalat	Chaman *	000	0	0	25	03	96	00	0	409		0	0	9	0	0	56	01
	Kalat *	000	0	0	29	05	98	00	0	397		0	0	9	0	0	43	93
	Nushki *	000	0	0	34	09	96	00	0	466		0	0	9	0	0	46	06
Afghanistan	Dalbandin *	000	0	0	00	00	94	06	0	422	4	0	0	9	0	0	41	05
	Panjgur *	000	0	0	31	03	98	00	0	427	0	0	0	9	0	0	49	02
	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

DIVISIONS.	STATION	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature °F TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	177	9	8	16	07	95	96	9	057	77	8	4	6	×	×	77	77	0	0	52.6	+ 11.2	63.4	104
	Chittagong	157	7	7	13	09	97	20	6	038	80	4	4	5	2	0	78	77	+ 2	0	21.1	- 6.7	28.5	108
	Maijdee Court	060	7	8	11	02	95	01	6	029	82	4	5	5	4	0	78	77	0	- 1	24.4	- 2.4	34.3	115
	Comilla	185	3	8	18	03	98	02	6	028	81	8	4	5	×	×	79	78	+ 1	+ 1	18.9	- 4.1	30.7	194
	Brahmanbaria	076	1	8	18	03	97	03	6	026	80	8	4	2	×	×	71	78	—	—	20.6	+ 3.2	38.4	78
	Sylhet	155	8	8	18	02	95	60	6	029	78	7	7	4	2	×	77	77	—	—	32.1	—	82.7	..
	Srimangal	063	9	8	18	02	97	02	6	030	79	8	4	6	×	×	75	78	0	+ 2	26.8	+ 3.5	53.4	98
Dacca	Mymensingh																		+ 3					91
	Narayanganj	015	9	8	18	02	95	03	2	023	85	8	4	5	×	×	80	81	- 2	+ 2	23.6	+ 6.6	39.8	74
	Dacca (Tezgaon)	011	2	8	20	03	97	02	6	014	84	7	3	3	2	×	78	81	—	—	25.9	—	40.9	..
	Faridpur	000	9	7	16	02	96	50	2	026	84	7	7	6	0	0	79	78	- 1	0	16.7	+ 0.1	28.6	71
	Barisal	053	9	8	18	02	95	52	5	021	83	5	7	7	0	0	79	79	0	0	14.0	- 5.9	21.1	81
Rajshahi	Khulna	141	0	8	18	03	96	03	6	017	81	8	5	5	×	×	80	78	- 1	0	15.5	- 1.2	23.5	68
	Satkhira																		- 1					65
	Jessore	060	0	8	13	05	97	03	2	014	84	6	4	5	6	×	81	80	—	—	18.9	+ 3.0	23.2	65
	Sirajganj	000	0	8	18	02	96	02	2	007	83	8	4	5	×	×	80	80	+ 2	+ 2	26.2	+ 10.3	37.2	64
	Bogra	000	0	4	06	02	96	02	1	005	87	2	1	6	3	0	80	80	+ 1	+ 2	25.8	+ 8.3	33.2	69
	Dinajpur	259	6	8	00	00	96	61	6	010	81	8	4	6	×	×	80	74	+ 1	- 4	18.3	- 1.1	21.7	72
	Rangpur	085	2	8	09	02	95	51	6	×××	80	8	7	5	×	×	79	78	+ 2	0	22.5	- 1.2	31.3	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	13	09	94	07	0	960	91	0	0	9	0	0	78	88	+ 7	+ 8	0.4	- 2.7	9.1	19
	Sialkot	000	0	0	05	05	97	00	0	959	92	0	0	9	0	0	75	89	+ 8	+ 8	0.5	- 4.4	23.7	32
Rawalpindi	Jhelum	000	0	0	13	07	95	07	0	962	92	0	0	9	0	0	73	87	—	—	1.3	—	12.0	..
	Rawalpindi	000	0	0	00	00	99	00	0	979	95	0	0	9	0	0	65	87	+ 8	+ 10	1.4	- 2.7	17.4	36
	Khushab	000	0	0	09	05	97	00	0	948	95	0	0	9	0	0	68	85	+ 4	+ 2	1.2	- 1.1	10.0	15
Multan	Lyalpur	000	0	0	00	00	96	00	0	940	87	0	0	9	0	0	71	76	+ 6	- 7	0.8	- 1.2	7.0	12
	Montgomery	000	0	0	00	00	96	00	0	927	91	0	0	9	0	0	74	87	+ 6	+ 3	0.2	- 0.9	4.0	10
	Multan	000	0	0	23	02	96	00	0	926	95	0	0	9	0	0	60	85	+ 10	+ 2	0.7	- 0.3	4.0	7
Bahawalpur	Leiah																							..
	Khanpur	000	0	0	23	07	96	00	0	956	95	0	0	9	0	0	75	0	+ 4	+ 7	0	- 1.0	1.0	6
	Bahawalpur	000	0	0	23	02	97	00	0	954	91	0	0	9	0	0	81	××	+ 4	×	0.1	- 0.8	1.3	6
	Fort Abbas																		—	—				8
Peshawar	Chakdara	000	0	0	98	00	98	00	0	927	81	0	0	9	0	0	62	66	—	—	0.2	—	15.1	..
	Peshawar	000	0	0	00	00	96	03	2	930	91	6	0	9	3	0	69	85	+ 4	+ 5	0	- 0.5	11.1	14
	Haripur	000	1	0	23	02	97	00	0	928	90	0	0	9	0	0	66	78	—	—	0.5	—	14.6	..
	Campbellpur	000	0	0	09	09	95	07	0	936	97	0	0	9	0	0	68	95	—	—	0	—	15.4	..
D.I. Khan	Bannu	000	0	0	00	00	96	00	0	933	93	0	0	9	0	0	74	86	—	—	0.1	—	7.1	11
	D.I. Khan	000	0	0	00	00	98	00	0	941	92	0	0	9	0	0	71	82	+ 11	- 1	1.0	- 0.2	6.5	10
Quetta	Sibi	000	0	0	13	01	99	00	0	957	93	0	0	9	0	0	73	90	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	34	09	98	02	0	981	86	0	0	9	0	0	51	78	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	98	00	0	999	××	0	0	9	0	0	56	85	—	—	2.5	—	5.9	..
	Jiwani	000	1	1	18	03	96	01	0	986	83	1	6	4	0	0	79	79	—	—	0	—	3.1	4
	Pasni	000	0	2	20	05	94	05	0	003	82	2	0	9	9	0	79	81	+ 2	+ 3	0	- 0.4	6.2	6
	Ormara	000	0	6	××	××	98	02	1	020	85	6	4	5	0	0	82	82	—	—	0	0	3.8	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	981	9	0	23	05	96	02	0	981	88	0	0	9	0	0	84	83	+ 1	+ 1	0	- 1.1	0.5	8
	Karachi (Air port)	000	0	7	25	05	96	03	1	983	86	1	6	5	0	8	82	84	—	—	0	—	0.4	..
	Badin	000	0	0	23	05	96	00	0	997	86	0	0	9	0	0	77	××	+ 8	×	0	- 2.1	1.3	..
	Nagarparkar																		×	×				..
	Umarkot	000	0	0	23	01	97	00	0	956	89	0	0	9	0	0	81	81	—	—	2.6	—	2.6	..
	Hyderabad	000	0	8	20	02	97	02	2	977	87	0	0	9	7	5	75	83	+ 3	- 1	0	- 0.9	1.8	..
Khairpur	Padidan	000	0	6	18	02	97	03	1	960	90	0	0	9	0	6	73	87	—	—	0	—	1.2	..
	Nawabshah																		—	—				4
	Sukkur	000	9	6	25	03	96	03	2	953	91	6	0	9	1	0	75	86	—	—	0	—	2.8	..
	Rati																							4
	Jacobabad	000	0	0	18	05	96	02	0	952	95	0	0	9	0	0	72	89	0	+ 4	0	- 0.5	3.5	..
Junagarh Afghanistan	Veraval																							20
	Jalalabad																							..
Arabia	Muscat	000	0	0	09	05	99	00	0	980	89	0	0	9	0	0	79	89	- 2	0	0	- 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							26
Kashmir	Srinagar *																							..
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh *																							6
	Skardu *																							..
	Bhagar **																							..
	Aliabad *																							..
	Gilgit *																							..
Rawalpindi	Murree *	000	9	0	16	03	96	02	0	411	75	0	0	9	0	0	34	67	+ 9	+ 8	3.0	- 4.1	36.9	19
Peshawar	Drosh *	006	2	8	23	09	95	51	5	421	72	8	5	5	×	×	57	70	+ 6	+ 2	0.5	—	22.6	29
	Chitral *	000	0	2	18	03	96	02	0	410	82	2	0	9	5	0	61	81	+ 9	+ 9	0.5	- 1.3	21.1	..
	Kakul *	000	9	0	13	02	96	02	0	421	86	0	0	9	0	0	63	80	—	—	1.7	—	29.3	..
D.I. Khan	Landi Kotal *	000	0	3	02	02	96	05	4	404	90	3	0	9	5	0	61	84	—	—	0.1	—	14.3	29
	Parachinar *	000	0	0	00	00	96	00	0	794	70	0	0	9	0	0	49	××	×	×	2.4	—	21.5	13
	Miranshah *	000	0	0	00	00	99	00	0	440	91	0	0	9	0	0	78	82	—	—	0.5	- 0.8	9.3	11
	Wana *																							11
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	415	80	0	0	9	0	0	53	79	0	+ 4	0.8	- 0.5	11.3	..
	Hindubagh *	000	0	0	27	02	97	00	0	424	77	0	0	9	0	0	40	68	0	—	0	—	12.3	..
	Loralai *	000	0	0	27	02	98	00	0	457	77	0	0	9	0	0	53	74	—	—	1.6	—	10.4	14
	Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	×	×	0.6	- 0.6	12.9	9
	Quetta *	000	0	0	00	00	96	00	0	409	76	0	0	9	0	0	66	63	—	—	0	- 0.2	9.5	8
Kalat	Chaman *	000	0	0	00	00	96	00	0	437	90	0	0	9	0	0	75	74	—	—	0	0	10.2	..
	Kalat *	000	0	0	34	03	98	00	0	429	75	0	0	9	0	0	50	60	+ 2	- 2	0	- 0.3	8.4	..
	Nushki *	000	0	0	05	04	97	00	0	435	82	0	0	9	0	0	43	76	—	—	0	—	8.0	..
Afghanistan	Dalbandin *	000	0	0	00	00	94	03	0	421	78	0	0	9	0	0	38	71	—	- 4	0	0	4.4	..
	Panjgur *	000	0	0	00	00	98	00	0	432	88	0	0	9	0	0	40	74	- 1	- 2	0	—	4.2	..
	Kabul *																							
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

TUESDAY, THE 9th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O $T_sT_s T_dT_d$	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Taihomaru	23 231	605 00	4 18 12	95 02 1	980 79	00 6 10	7 6 400	..	0 52 77	..
Devon City	23 212	678 06	8 26 12	97 53 2	001 83	66 3 00	..	..	..	..
Anara	23 187	667 06	8 26 24	98 05 2	030 84	57 6 22	..	..	..	..
Dalila	23 247	580 06	0 10 06	97 02 0	017 93	00 9 00	5 6 215	..	0 02 86	1 10 20
Exminister	23 191	595 06	8 23 20	98 05 2	000 84	16 3 19	..	..	..	..
Devon City	23 221	672 12	4 22 10	98 05 1	979 85	45 3 00	..	..	..	..
Daressa	23 244	612 18	1 23 09	97 01 0	974 84	12 4 00	5 5 203	..	0 53 79	1 23 52

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		HHH TTT $T_dT_dT_d$									HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	997 295 288	Miss											
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..														

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	Miss											
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..													

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)											
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	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	17 13	18 14	18 15	..	..	..	..	..	..	20 17	20 17	20 17	20 12	21 11	..	17 13	19 10	21 09	22 07	..	..	..	..	..	..	..
Chaklala ..																										
Chhor ..	21 12	20 13	19 12	17 13	15 19	11 21	33 08	..	..	22 15	22 12	19 12	15 17	13 15	..											
Chittagong ..	18 23	18 27	18 22	19 36	..	..	..	..	..	..	..	..	..	No	ascent	18 19										
Cox's Bazar ..	18 17	19 20	20 25	20 29			..	..	..					No	ascent	18 17	19 28	21 23	21 26	..	..	..	..	..	..	..
Dacca ..	17 21	17 21	18 23	19 26	19 23	18 18			..	21 18	21 19	21 19	21 21	22 16	..	20 15	20 17	21 17	21 17	21 17					..	..
Dalbandin ..		..	06 01	19 03	25 03	27 05	29 05	28 07	28 08	..	..	07 06	08 09	09 11	03 05	..	..	09 07	09 04	10 11	21 07	23 13	25 23	26 29	..	..
D. I. Khan ..	..	..	..							..	..	..				..	..	..	..						..	..
Drosh ..		..	..	25 09	23 11	23 08	17 06	15 07	..	..	..	..	—	26 02	01 03	..	..	..	..	21 04	05 03	12 04	12 07		..	..
Fort Sandeman ..	..	..	..	11 09	12 18	11 27	11 33		..	..	..	..	17 05	27 06	24 05	..	..	..	34 02	01 04	34 09	36 05	21 07	21 07	24 13	25 20
Jacobabad ..	20 13	20 10	20 13	17 09	23 01	02 09	35 14	33 09	33 09	19 24	20 30	21 25	21 10	23 08	31 15	19 13	20 15	21 15	21 10	21 06	36 09	01 11	07 19	30 01	03 02	23 06
Jessore ..																										
Jhelum ..	23 06	22 08	18 06	27 03	30 12	33 13	35 20	..		11 15	11 25	12 19	15 10	28 09	30 07	12 11	13 12	13 12	13 11	15 04	29 12	32 24	33 24	..	..	..
Jiwani ..	17 06	12 06	09 07	06 06	03 11	05 08	08 06	04 12	07 07	14 08	09 09	34 10	35 09	..	..	20 05	35 05	35 12	02 06	07 06					..	..
Karachi ..	21 08	17 08	15 11	11 18	08 15	09 22	10 13	05 04	04 06	28 12	29 10	28 09	15 12	11 12	06 13	28 09	28 06	22 03	11 05	11 09	03 11	08 18	10 16	10 13	05 13	06 21
Khanpur ..										23 26	24 29	24 26	26 09	27 14	30 04											
Lahore ..	28 07	28 07	27 07	27 10	30 14	31 20	33 21	36 19	01 10	13 13	13 23	11 24	31 07	..	..	16 09	17 09	22 08	27 09	29 10	36 12	01 06	27 10	26 11	25 15	25 15
Multan ..	21 12	21 09	20 19	20 10	20 12	23 08	28 02	32 08	32 05	22 39	24 44	24 48	..	..	..	22 15	22 14	21 10	14 06	11 16	11 11	13 11	11 02	23 03	25 06	27 08
Muscat ..	..			..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..			..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	05 07	17 08	14 10	21 15	24 08	29 12	33 08	34 08	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	32 03	04 03	..	..	..	..	..	..	..	20 03	34 08	..	..	..	..	30 11	34 04	31 12	..	..	..	..
Sharjah ..										..	..	..	..													
Sylhet ..	No	ascent	..	..	..	..	..	..	..	..	..	..	..	No	ascent	20 08	21 18	22 19	..	..	..	..	..	..	..	..
Varavali ..			..	..						..	..	..	..													

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	Miss																	
Peshawar ..																		
Quetta ..																		

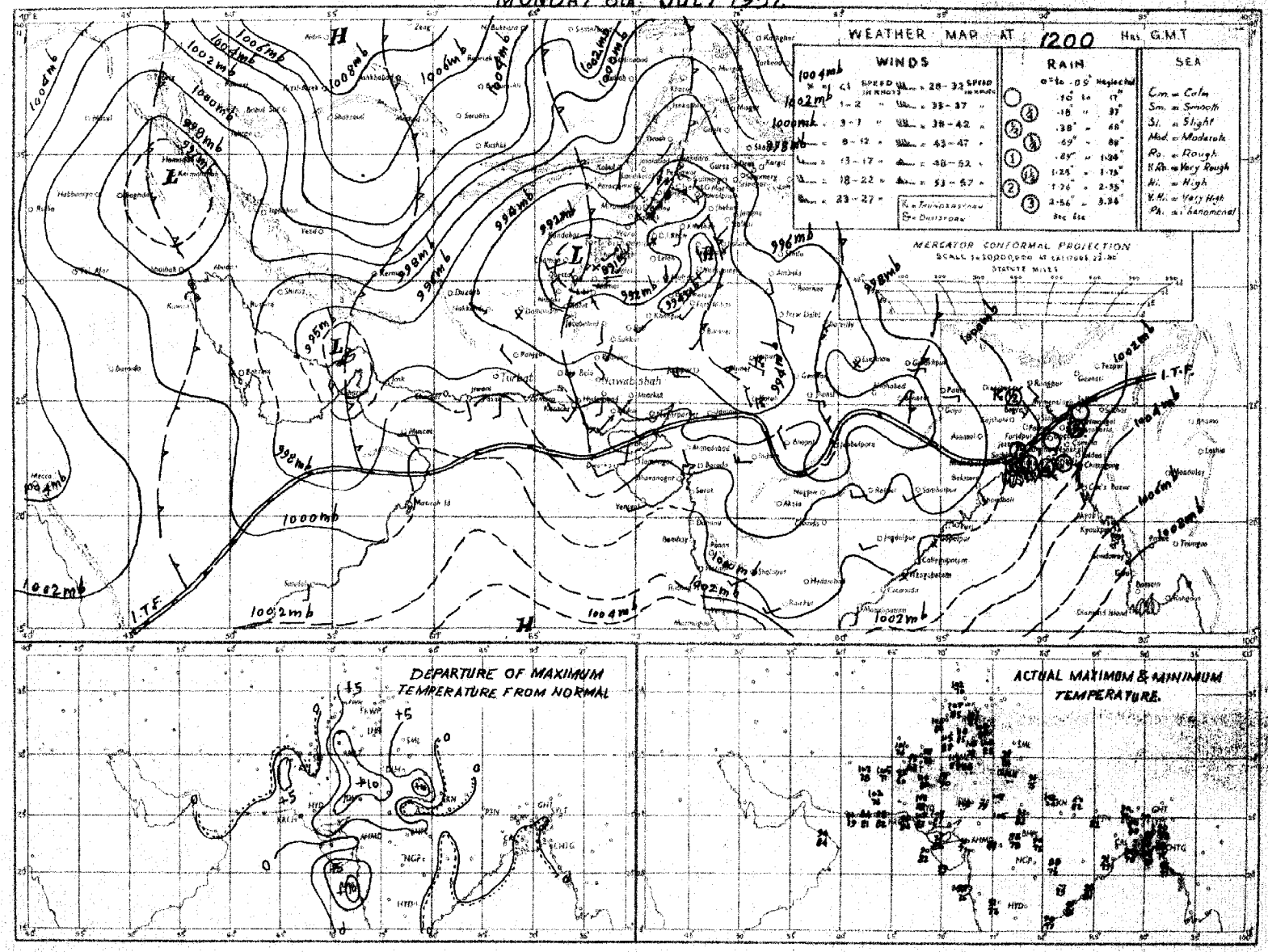
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

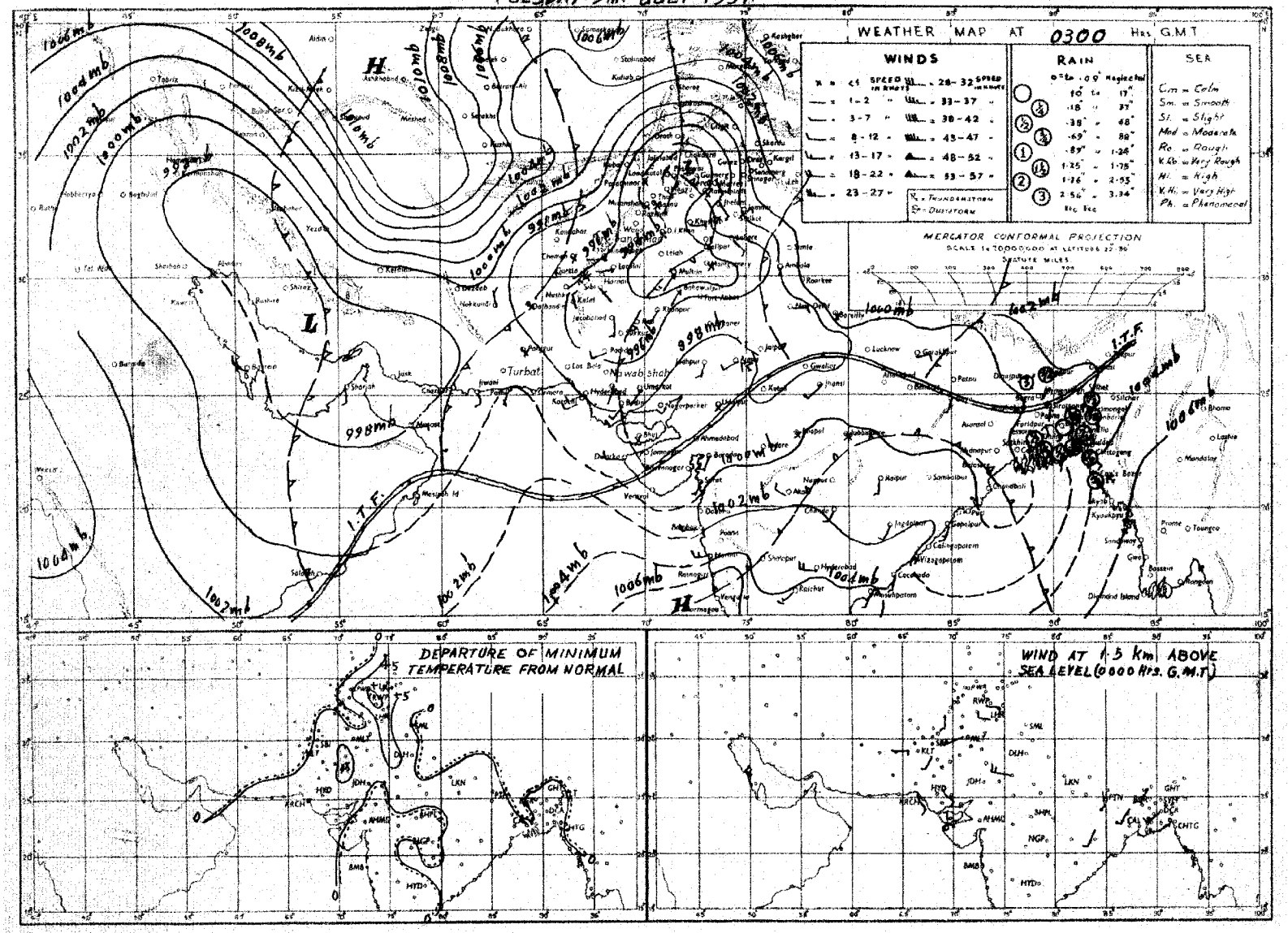
MONDAY 8th JULY 1957



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 9th: JULY 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No S 1467

WEDNESDAY, THE 10th JULY, 1957

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

Yesterday's low pressure wave over Peshawar division is moving away eastwards across Kashmir and has caused fai.ly widespread thunderstorm/showers in Rawalpindi and local in Peshawar division.

Axis of monsoon trough extends from Uttar Pradesh to East Pakistan.

Rainfall has been fairly widespread in East Pakistan.

Chief amounts of rainfall are:—Srimangal 3"; Comilla, Sylhet, Barisal and Murree 2" each; Cox' "azar and Bogra 1½" each; Chittagong, Maijdee Court, Brahamanbaria, Mymensingh and Dinajpur 1" each; Dacca ¾"; Chakdara, Haripur, and Kakul ½" each and Faridpur Rawalpindi and Campbellpur ¼" each.

Day temperatures were 7-11°F above normal in Lahore, Rawalpindi, D. I. Khan and Multan divisions; 3-6°F so in Bahawalpur and Hyderabad divisions and 2-4°F below normal in Kalat division outside the coastal districts.

Forecast valid until the evening of 11th:—Rain/thundershowers will be fairly wid spread in East Pakista: and local in Rawalpindi and Lahore divisions. Scattered dust/thunderstorms are also likely in Lahore and Multan divisions.

Karachi-11.
The 10th July, 1957 }

OBSERVATIONS

ABDUL MAJID KHAN.
for Director. Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS. (1)	STATION (2)	Rainfall in Cents RRR (3)	Past weather commenced at † W_t (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud N_h (13)	Low Cloud form † C_L (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † C_M (16)	High Cloud form † C_H (17)	Dewpoint temperature °F T_dT_d (18)	Maximum temperature °F T_xT_x (19)
Chittagong	Cox's Bazar	037	9	8	13	07	95	62	6	026	79	8	3	6	2	×	75	84
	Chittagong	007	4	6	16	09	96	02	6	009	82	6	6	4	0	0	77	85
	Maijdee Court	090	4	8	09	07	95	03	6	996	81	4	4	6	4	×	79	86
	Comilla	064	5	8	18	03	98	02	2	034	81	8	4	5	×	×	79	85
	Brahmanbaria	011	6	8	18	07	97	03	6	988	80	8	5	3	×	×	77	89
	Sylhet	097	9	8	00	00	96	61	6	994	79	6	5	5	2	×	79	84
	Srimangal	017	4	8	00	00	97	02	6	005	81	8	5	6	×	×	79	86
Dacca	Mymensingh	090	8	6	00	00	98	02	6	982	84	6	4	5	0	0	77	90
	Narayanganj	000	0	8	18	03	94	03	2	983	82	8	7	4	×	×	79	87
	Dacca (Tezgaon)	076	7	8	18	02	97	02	9	982	81	4	5	4	2	×	80	83
	Faridpur	035	9	8	16	02	96	03	6	998	82	5	5	6	1	8	79	84
	Barisal	075	5	8	16	03	95	14	6	990	82	5	7	9	6	0	79	84
Rajshahi	Khulna	000	0	8	18	03	97	02	2	986	82	8	5	6	×	×	81	89
	Satkhira	026	0	8	00	00	96	03	2	009	84	×	×	6	×	×	81	88
	Jessore	016	7	8	18	03	97	03	6	983	83	8	8	5	×	×	82	86
	Sirajganj	000	0	4	18	02	96	00	0	967	84	0	0	9	0	0	79	88
	Bogra	000	0	4	00	00	96	01	1	972	86	4	1	6	0	0	81	89
	Dinajpur	000	7	7	00	00	96	02	2	971	86	5	7	7	1	0	79	89
	Rangpur	002	8	6	13	02	96	01	5	×××	85	5	5	6	2	0	81	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	2	2	00	00	96	03	0	892	09	0	0	9	0	0	74	10
	Sialkot	000	0	0	23	02	96	00	0	896	07	0	0	9	0	0	71	09
Rawalpindi	Jhelum	000	0	0	23	03	95	05	0	897	07	0	0	9	0	0	69	09
	Rawalpindi	000	0	1	00	00	99	02	0	877	05	1	2	7	0	0	37	07
	Khushab	000	0	0	11	02	97	00	0	878	10	0	0	9	0	0	61	13
Multan	Lyallpur	000	0	0	20	05	96	00	0	892	09	0	0	9	0	0	66	10
	Montgomery	000	0	0	23	02	96	00	0	899	09	0	0	9	0	0	74	09
	Multan	000	0	0	00	00	96	00	0	897	89	0	0	9	0	0	60	14
Bahawalpur	Laiah																	
	Khanpur	000	0	0	23	09	96	00	0	893	09	0	0	9	0	0	70	11
	Bahawalpur	000	0	0	18	02	97	00	0	903	98	0	0	9	0	0	89	10
	Fort Abbas	000	0	3	23	03	97	03	1	893	13	3	1	6	0	0	65	14
Peshawar	Chakdara	000	0	3	××	××	97	03	1	866	93	3	3	7	0	0	67	04
	Peshawar	000	0	6	05	03	96	06	1	878	04	3	3	6	3	0	67	08
	Haripur	000	0	0	13	02	97	00	0	864	08	0	0	9	0	0	61	09
	Campbellpur	000	0	0	13	09	96	07	0	865	11	0	0	9	0	0	62	12
D. I. Khan	Bannu	000	0	0	11	02	99	00	0	914	08	0	0	9	0	0	73	09
	D.I. Khan	000	0	0	00	00	98	00	0	924	13	0	0	9	0	0	68	15
Quetta	Sibi	000	0	0	00	00	99	00	0	887	15	0	0	9	0	0	51	16
Kalat	Nokkund	000	0	0	34	05	98	02	0	922	03	0	0	9	0	0	45	04
	Turbat	000	0	0	00	00	97	00	0	×××	11	0	0	9	0	0	83	11
	Jiwani	000	0	5	25	09	96	03	1	949	89	0	0	9	0	1	79	92
	Pasni	000	0	2	23	17	94	05	0	958	90	2	0	9	9	0	79	93
	Ormara	000	0	0	××	××	98	00	0	957	90	0	0	9	0	0	85	92
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)																	
	Karachi (Air port)	000	0	1	25	07	96	03	0	943	91	1	6	5	0	0	86	98
	Badin	000	0	0	23	02	97	00	0	949	99	0	0	9	0	0	75	03
	Nagarparkar	×××	×	9	05	02	97	20	4	×××	××	×	×	9	1	4	××	××
	Umarkot	000	0	0	23	03	97	00	0	911	02	0	0	9	0	0	76	03
	Hyderabad	000	0	4	20	07	97	01	2	926	03	4	0	9	7	0	71	05
Khairpur	Pad-i-dan	000	0	5	18	09	98	01	2	906	02	0	0	9	0	2	65	10
	Nawabshah	000	0	0	18	09	96	02	0	911	03	0	0	9	0	0	79	××
	Sukkur	000	8	6	20	05	96	03	2	901	04	0	0	9	1	0	76	05
	Reti																	
	Jacobabad	000	0	3	18	14	96	03	0	971	08	0	0	9	0	1	66	10
Junagarh Afghanistan	Veraval																	
	Jafalabad																	
Arabia	Muscat	000	0	0	09	09	99	00	0	950	92	0	0	9	0	0	84	98
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	5	11	05	95	02	9	375	82	3	3	4	5	0	64	83
Peshawar	Drosh *	001	8	5	00	00	96	03	2	345	93	5	2	7	0	0	57	94
	Cherat *	000	0	1	18	02	96	03	0	370	00	0	0	9	0	2	30	00
	Kakul *	000	0	3	20	09	97	17	1	378	95	3	4	7	0	0	63	95
	Landi Kotal *	000	0	5	02	02	96	05	4	361	97	5	0	9	5	0	58	99
	Parachinar *	000	0	7	13	02	98	02	0	794	76	7	3	8	0	0	48	××
D. I. Khan	Miranshah *	000	0	0	23	02	99	00	0	414	03	0	0	9	0	0	××	05
	Wana *	000	0	0	13	02	96	00	0	400	98	0	0	9	0	0	50	03
Quetta	Fort Sandeman *	000	0	2	00	00	96	01	0	383	02	2	2	6	0	0	55	03
	Hindubagh *	000	0	0	27	02	98	00	0	365	96	0	0	9	0	0	51	97
	Loralai *	000	0	5	20	02	98	02	1	490	97	5	0	9	4	0	42	99
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	27	09	96	06	0	382	97	0	0	9	0	0	79	96
Kalat	Chaman *	000	0	0	25	03	96	00	0	397	97	0	0	9	0	0	76	00
	Kalat *	000	0	0	30	09	98	00	0	396	83	0	0	9	0	0	74	91
	Nushki *	000	0	0	27	09	96	00	0	454	04	0	0	9	0	0	44	05
	Dalbandin *	000	0	0	00	00	94	07	0	403	04	0	0	9	0	0	47	05
	Panjgur *	000	0	0	31	03	98	00	0	412	99	0	0	9	0	0	49	00
Afghanistan	Kabul *	000	0	3	36	02	99	03	0	429	86	3	2	8	0	0	67	94
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

STATION (2)	Rainfall in Cents RRR (20)	Past weather commenced at † W_t (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud N_h (30)	Low Cloud form † C_L (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † C_M (33)	High Cloud form † C_H (34)	Dewpoint temperature °F T_dT_d (35)	Minimum temperature °F T_nT_n (36)	Departure: Maximum Temperature T_xT_x (37)	Departure: Minimum Temperature T_nT_n (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	127	9	8	13	03	96	03	6	041	80	8	4	6	×	×	79	76	- 2	- 1	53.9	+ 11.2	64.7	104
Chittagong	100	9	7	16	05	97	20	6	034	80	7	6	4	0	0	78	78	- 1	+ 1	22.1	- 6.5	29.5	108
Maijdee Court	120	7	8	18	02	96	02	2	025	85	4	4	6	2	2	79	78	0	0	25.6	- 1.8	35.5	115
Comilla	235	9	6	18	03	99	03	0	017	86	6	4	5	0	0	81	78	- 2	+ 1	21.2	- 2.1	33.1	194
Brahmanbaria	097	0	7	18	07	97	03	2	018	85	7	5	3	0	0	80	79	—	—	21.6	+ 3.8	39.3	78
Sylhet	246	9	8	00	00	95	61	6	018	79	6	5	5	2	×	79	79	—	—	34.6	—	85.1	..
Srimangal	322	7	8	13	02	97	02	6	021	81	8	4	6	×	×	80	77	- 4	+ 1	30.0	+ 6.3	56.7	98
Mymensingh	090	0	8	09	02	96	02	2	012	83	8	4	5	×	×	80	80	+ 3	+ 2	28.3	+ 5.0	39.0	91
Narayanganj	000	9	8	18	03	94	03	2	015	84	3	7	4	2	×	80	81	- 1	+ 2	23.6	+ 7.0	39.8	74
Dacca (Tezgaon)	076	9	8	20	05	97	02	6	009	83	5	5	4	2	×	79	82	—	—	26.7	—	41.7	..
Faridpur	035	9	8	16	02	96	03	0	000	84	8	5	6	×	×	80	76	- 4	- 2	17.1	+ 0.1	29.0	71
Barisal	182	9	6	00	00	95	03	6	015	87	6	7	9	0	0	81	79	- 4	0	15.9	- 4.6	22.2	81
Khulna	000	0	8	18	03	97	02	8	013	85	8	5	5	×	×	82	80	+ 1	+ 2	15.5	- 1.7	23.5	68
Satkhira	000	0	7	13	03	97	03	2	009	87	5	7	7	6	0	81	80	- 1	+ 2	11.2	- 5.5	16.9	65
Jessore	016	0	8	18	07	96	03	2	006	85	8	7	5	×	×	81	80	—	—	19.0	- 1.9	23.3	65
Sirajganj	000	0	8	18	02	95	02	2	000	84	8	4	5	×	×	81	80	+ 1	+ 2	26.2	+ 9.9	37.2	64
Bogra	126	9	6	23	02	97	02	6	998	83	4	4	6	3	0	80	79	0	+ 1	27.0	+ 9.1	34.5	69
Dinajpur	089	2	8	00	00	96	02	2	995	84	8	4	7	×	×	83	74	0	- 4	19.2	- 0.9	22.6	72
Rangpur	006	3	8	13	02	96	02	5	×××	83	8	7	5	×	×	80	78	- 2	0	22.6	- 1.8	31.4	84
Jammu																							
Lahore (Jail Rd.)	000	2	6	13	09	96	07	1	977	85	4	4	6	3	×	73	82	+ 9	+ 2	0.4	- 2.9	9.1	19
Sialkot	016	1	8	05	03	97	02	6	973	75	8	7	6	×	×	73	74	+ 10	- 7	0.7	- 4.5	23.9	32
Jhelum	013	1	2	13	05	98	01	9	974	81	2	0	9	3	0	71	72	—	—	1.4	—	12.2	..
Rawalpindi	030	9	6	27	02	99	01	9	977	81	6	2	7	0	0	75	76	+ 8	- 1	1.7	- 2.6	17.7	36
Khushab	000	0	0	07	12	96	07	1	956	88	0	0	9	0	0	72	87	+ 9	+ 4	1.2	- 1.2	10.0	15
Lyallpur	000	0	3	07	02	96	00	0	950	92	0	0	9	0	3	75	87	+ 7	+ 4	0.8	- 1.3	7.0	12
Montgomery	000	0	0	20	02	96	00	0	919	89	0	0	9	0	0	76	85	+ 5	+ 2	0.2	- 1.7	4.0	10
Multan	000	0	0	27	06	96	00	6	937	92	0	0	9	0	0	67	84	+ 11	- 1	0.7	- 0.5	4.0	7
Laiah																							..
Khanpur	000	0	4	23	05	96	01	1	941	92	0	0	9	3	0	79	88	+ 4	+ 5	0	- 1.1	1.0	6
Bahawalpur	000	0	0	23	02	97	00	0	933	92	0	0	9	0	0	83	86	+ 5	+ 2	0.1	- 0.9	1.3	6
Fort Abbas	000	0	5	23	07	96	07	3	951	95	5	1	6	0	0	76	85	—	—	0	—	2.9	8
Chakdara	060	6	8	××	××	97	62	9	964	83	8	6	7	×	×	69	58	—	—	0.8	—	15.7	..
Peshawar	006	8	6	23	05	97	17	9	965	81	4	9	6	3	0	70	77	+ 5	- 3	0.1	- 0.5	11.1	14
Haripur	065	0	7	23	02	97	02	2	964	78	7	5	6	0	0	68	70	—	—	1.1	—	15.2	..
Campbellpur	034	6	7	31	09	97	01	6	977	80	7	3	6	0	0	66	80	—	—	0.3	—	15.7	..
Bannu	000	3	3	09	07	99	00	3	949	89	3	0	9	0	5	70	87	—	—	0.1	—	7.1	11
D.I. Khan	000	2	5	05	4	97	03	1	938	88	0	0	9	5	0	68	84	+ 11	+ 1	1.0	- 0.3	6.5	10
Sibi	000	0	0	13	01	99	00	0	938	96	0	0	9	0	0	73	89	—	—	0.3	—	5.3	5
Nokkund	000	0	0	07	02	99	02	0	934	93	0	0	9	0	0	51	84	—	—	0	—	1.9	2
Turbat	000	0	0	27	02	98	00	0	996	××	0	0	9	0	0	××	××	—	—	2.5	—	5.9	..
Jiwani	000	0	6	18	07	96	03	1	960	84	6	6	5	0	1	78	80	—	—	0	—	3.1	4
Pasni	000	0	4	19	02	94	05	0	977	82	4	5	7	0	0	79	79	+ 1	+ 1	0	- 0.4	6.2	6
Ormara	000	0	6	00	00	98	02	1	979	86	6	0	9	2	0	82	82	—	—	0	- 0.7	3.8	6
Las Bela	000	0	0	00	00	98	00	0	005	96	0	0	9	0	0	78	83	—	—	1.0	—	2.1	8
Karachi (Manora)	000	0	0	27	05	96	00	0	959	88	0	0	9	0	0	84	84		+ 2	0	- 1.2	0.5	8
Karachi (Air port)	000	0	3	27	07	97	03	0	958	87	3	6	5	0	0	83	85	—	—	0	—	0.4	9
Badin	000	0	0	23	02	96	00	0	983	86	0	0	9	0	0	77	××	+ 7	×	0	- 2.2	1.3	..
Nagarparkar	×××	×	9	18	02	97	60	3	×××	××	×	×	×	×	×	××	××	×	×	—	—	—	..
Umarkot	000	0	0	23	03	97	00	0	947	89	0	0	9	0	0	78	84	—	—	2.6	—	2.6	..
Hyderabad	000	0	2	20	05	97	01	2	957	88	0	0	9	0	1	77	83	+ 5	+ 1	0	- 1.0	1.8	..
Pad-i-dan	000	0	4	13	09	98	01	1	937	89	0	0	9	0	1	75	85	—	—	0	—	1.2	..
Nawabshah	000	0	4	18	10	97	02	1	950	80	0	0	9	0	2	80	85	—	—	0.1	—	0.6	..
Sukkur	000	9	4	20	05	96	03	2	939	88	0	0	9	0	5	75	86	—	—	0	—	2.8	4
Reti																							..
Jacobabad	000	0	4	18	03	96	03	0	944	92	4	0	9	3	0	75	89	0	+ 4	0	- 0.5	3.5	4
Veraval																							20
Jafalabad																							..
Muscat	000	0	0	09	02	99	00	0	951	88	0	0	9	0	0	81	87	+ 2	- 2	0	- 0.1	6.9	4
Kuwait																							5
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							..
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																							..
Aliabad *																							..
Gilgit *																							
Murree *	240	8	7	34	10	97	02	9	412	61	4	3	3	8	0	54	55	+ 8	+ 4	5.4	- 2.1	39.3	59
Drosh *	001	0	6	00	00	96	03	2	378	76	6	2	7	0	0	59	70	- 2	- 2	0.5	—	22.6	18
Cherat *	000	0	6	31	07	97	03	2	402	70	6	0	9	5	0	59	67	+ 10	- 5	0.5	- 1.5	21.1	29
Kakul *	053	7	7	29	02	97	01	9	402	70	7	4	7	0	0	62	64	—	—	2.2	—	29.8	..
Landi Kotal *	001	3	4	16	02	97	03	9	395	74	4	0	9	5	0	63	70	—	—	0.1	—	14.3	29
Parachinar *	000	0	0	00	00	99	00	0	794	70	0	0	9	0	0	40	××	×	×	2.4	—	21.5	13
Miranshah *	000	0	0	23	02	98	00	0	433	85	0	0	9	0	0	79	83	—	—	0.5	- 0.9	9.3	11
Wana *	000	0	0	00	00	94	00	0	381	79	0	0	9	0	0	47	73	—	—	0	—	12.1	11
Fort Sandeman *	000	0	0	23	05	97	00	0	395	87	0	0	9	0	0	54	78	+ 2	+ 3	0.8	- 0.6	11.3	..
Hindubagh *	000	0	0	27	02	97	00	0	404	78	0	0	9	0	0	54	69	—	—	0	—	12.3	..
Loralai *	000	0	0	31	02	98	00	0	461	76	0	0	9	0	0	47	74	—	—	1.6	—	10.4	14
Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	×	×	0.6	- 0.7	12.9	9
Quetta *	000	0	1	13	07	96	02	0	412	72	0	0	9	0	1	63	57	—	—	0	- 0.2	9.5	8
Chaman *	000	0	0	25	07	97	00	0	399	79	0	0	9	0	0	69	74	- 2	- 2	0	0	10.2	..
Kalat *	000	0	0	18	02	98	00	0	505	73	0	0	9	0	0	54	57	0	- 5	0	- 0.4	8.4	..
Nushki *	000	0	0	36	04	97	00	0	508	85	0	0	9	0	0	37	78	—	—	0	—	8.0	..
Dalbandin *	000	0	3	00	00	95	05	0	401	84	0	0	9	0	1	39	72	- 4	- 3	0	0	4.4	4
Panjgur *	000	0	0	36	03	98	00	0	414	84	0	0	9	0	0	50	79	- 3	+ 3	0	—	4.2	5
Kabul *	000	0	0	36	02	99	00	0	459	71	0	0	9	0	0	63	61	—	—	—	—	—	
Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY, THE 10th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O $T_sT_s T_dT_d$	I $d_wd_w P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ekminister	33 234	650 06	8 23 16	98 02 2	990 86	68 4 2×	1 6 617	..	0 52 79	1 23 65
Dumra	33 212	699 12	8 26 16	95 15 2	974 84	87 9 ××	3 6 704			

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb HHH TTT $T_dT_dT_d$	850 mb HHH TTT $T_dT_dT_d$	800 mb HHH TTT $T_dT_dT_d$	700 mb HHH TTT $T_dT_dT_d$	600 mb HHH TTT $T_dT_dT_d$	500 mb HHH TTT $T_dT_dT_d$	400 mb HHH TTT $T_dT_dT_d$	300 mb HHHTTT	200 mb HHHTTT	150 mb HHHTTT	100 mb HHHTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	996 295 278	451 005 518	Miss										
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..														

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$							Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	Miss											
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..													

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bagra ..	17 13	18 09	12 10	22 08	23 14	..	..	..	..
Chaklala ..							..	..	..
Chhor ..	21 09	18 11	17 13	12 13	09 12	11 09	..	..	..
Chittagong ..	18 18	20 26	..	..	..	..	..	..	..
Cox's Bazar ..	No	ascent					..	..	..
Dacca ..	18 18	20 21	21 24	22 20	21 23	21 23			..
Dalbandin ..			24 02	06 03	10 06	31 07	21 19	18 09	
D. I. Khan ..	..	..	..						..
Drosh ..		..	..	26 01	25 04	16 02	21 07	28 05	
Fort Sandeman ..				13 01	33 07	30 04	29 14	29 20	29 20
Jacobabad ..	20 11	20 11	20 12	21 06	21 04	02 10	35 16	35 13	01 12
Jessore ..									
Jhelum ..	23 04	18 04	18 05	19 07	27 05	30 10	31 15	..	
Jiwani ..	21 09	16 05	26 03	01 07	01 15	36 14	29 05		
Karachi ..	24 10	22 03	19 05	09 10	07 10	05 13	06 12	04 08	01 12
Khanpur ..	23 12	23 11	23 10	23 14	23 12	26 10	32 08	30 10	30 06
Lahore ..	24 03	24 05	24 03	22 04	24 07	31 13	33 20	33 12	32 14
Multan ..	23 09	22 10	22 10	21 11	21 12	17 11	09 11	34 06	32 08
Muscat ..				..	..	..			
Panjgur ..	..								
Peshawar ..	..	01 16	03 10	29 12	13 09	20 13	29 12	..	..
Quetta ..	..	..	..	..	30 15	29 06	33 11	..	..
Sharjah ..				..		..	..	..	..
Sylhet ..	No	ascent	..	..	..	..	..	..	..
Veraval ..						..			

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bagra ..	20 16	20 17	..	..	..	..
Chaklala ..						
Chhor ..	22 12	21 19	20 21	17 23	16 23	..
Chittagong ..	20 12					
Cox's Bazar ..	20 16	21 16	22 16			
Dacca ..	22 20	22 24	22 21	22 20	23 18	22 20
Dalbandin ..	..	..	03 06	01 11	35 22	33 07
D. I. Khan ..	..		..			
Drosh ..	..			—	36 03	02 02
Fort Sandeman ..			..	29 12	27 14	32 14
Jacobabad ..	18 29	18 33	20 26	22 09	35 09	35 11
Jessore ..						
Jhelum ..	07 08	02 16	02 14	31 03	17 04	26 21
Jiwani ..	19 11	31 05	34 13	01 10	01 06	01 14
Karachi ..	26 09	26 08	24 04	15 07	09 09	06 15
Khanpur ..	20 19	21 22	22 37	22 23	..	
Lahore ..	15 21	17 23	19 19	25 24	..	..
Multan ..	21 25	22 36	23 38	..	..	
Muscat ..	..	..	..		..	..
Panjgur ..						
Peshawar ..	..	29 10	33 10	34 13	35 11	25 10
Quetta ..	..	..	..	..	29 15	29 12
Sharjah ..	..	..	..	..		..
Sylhet ..	..	..	..	..	No	ascent
Veraval ..	..	..	..	..		..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bagra ..	20 15	21 16	..		..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..			..		..	..	..	..	..	..	..
Chittagong ..	20 17	21 20	..		..	..	..	..	..	..	..
Cox's Bazar ..	19 17	20 18					..	..	..	..	..
Dacca ..	20 12	21 19	22 23	22 20	21 19	21 19					
Dalbandin ..	..		05 02	08 03	01 05	01 11	35 22	35 12	25 05	27 16	25 25
D. I. Khan ..	..	..	..								..
Drosh ..	..	..	..	..	22 06	21 04	17 03	18 03			..
Fort Sandeman ..				01 01	27 05	28 06	20 14	23 15	22 13	26 21	..
Jacobabad ..	19 12	20 13	20 13	19 06	19 04	×× ××	05 09	09 17	25 07	36 02	16 05
Jessore ..											
Jhelum ..	14 12	12 21	13 09	14 10	11 15	36 07	02 09	04 18	05 26	02 40	..
Jiwani ..	26 06	32 07	03 08	06 08	01 11	01 11		..	..		..
Karachi ..	24 08	28 08	26 06	32 07	32 08	02 16	05 28				..
Khanpur ..	23 26	22 20	21 14	24 18	22 11	29 09	23 06	24 10			..
Lahore ..	08 13	09 13	09 11	02 03	29 09	28 10	31 12	26 09	23 14		..
Multan ..	23 18	24 20	26 19	26 10	02 02	21 04	17 10	28 03	24 13	22 17	26 13
Muscat ..					..	..	..		..		..
Panjgur ..	..		..								
Peshawar ..	..	06 06	08 05	13 07	24 10	27 07	23 19	25 18	23 29	23 39	25 44
Quetta ..	..		..	..	27 05	27 13	28 08	25 08	24 11	26 19	25 25
Sharjah ..					..		..	..			..
Sylhet ..	No	ascent	..	..	..	..	..	..	..	..	..
Veraval ..	..	..	..		..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Heights in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	Miss																	
Peshawar ..																		
Quetta ..																		

The first two figures in each column give the wind direction "dd" in ten of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

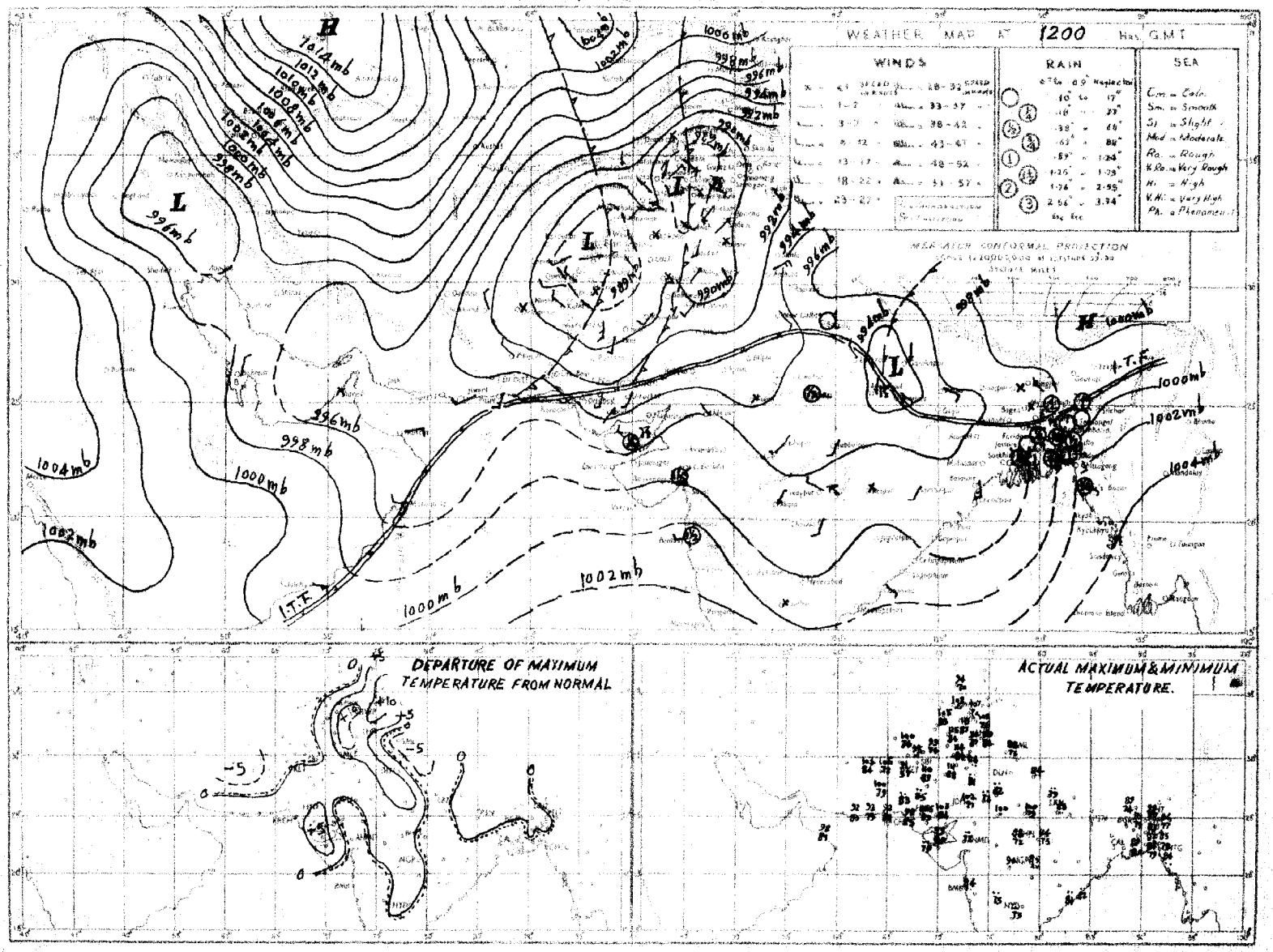
Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

06718 33415

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.

PAKISTAN DAILY WEATHER MAP

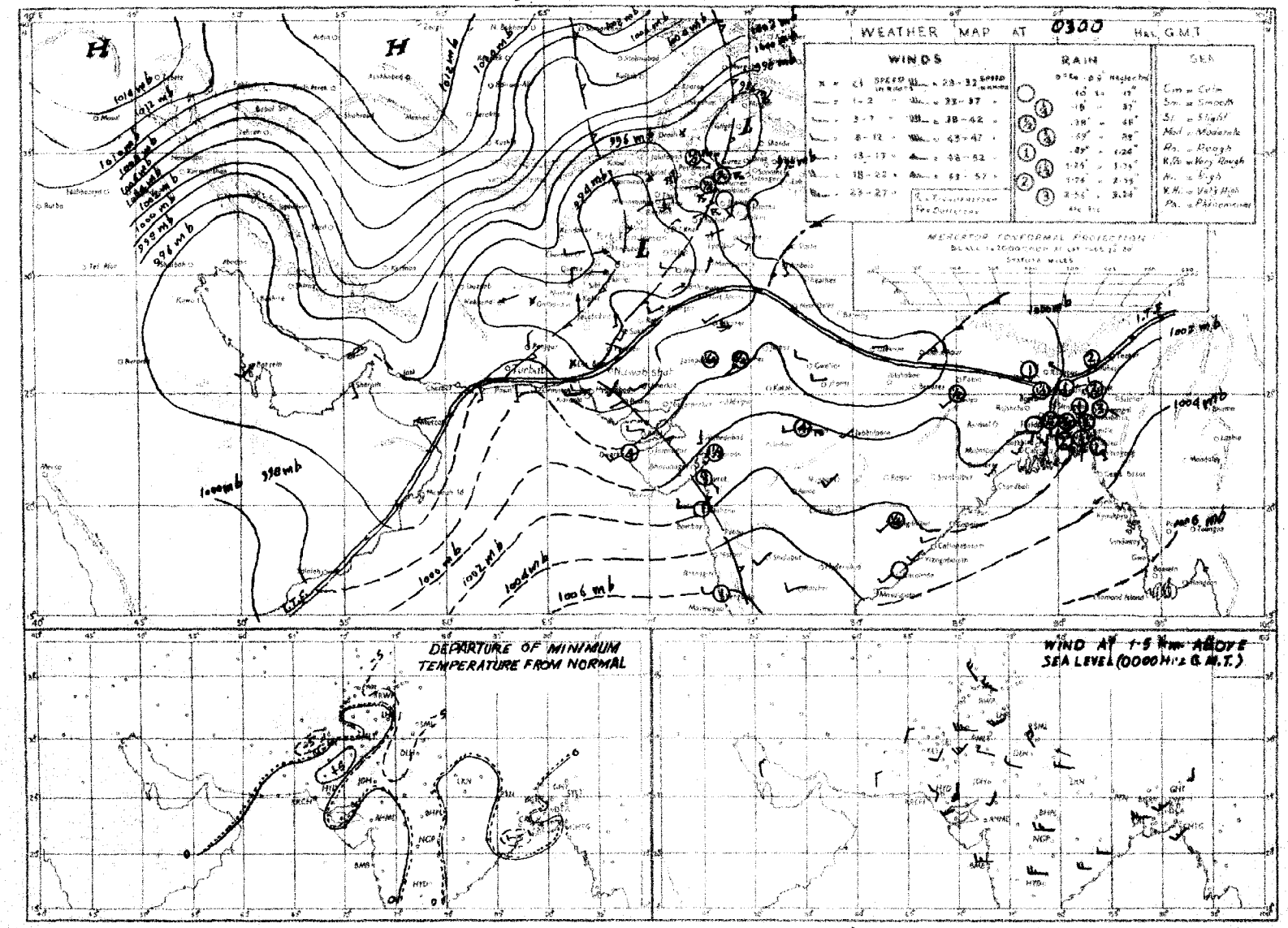
TUESDAY 9th JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 10th JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 145/

THURSDAY, THE 11th JULY, 1957

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

A low pressure wave is moving across Peshawar division and Kashmir and has caused local thunderstorm/showers in Peshawar division and scattered in Quetta division.

Rainfall has been widespread in East Pakistan with locally heavy falls in Rajshahi division.

Chief amounts of rainfall are:—Bogra 6"; Sirajganj 5"; Rangpur 3"; Cox' Bazar, Chittagong, Comilla, Brahmanbaria and Jessore 2" each; Khulna 1½"; Faridpur and Dinajpur 1" each; Maijdee Court, Sylhet and Srimangal ¾" each; Narayanganj ½" and Mymensingh and Fort Sandeman ¼" each.

Day temperatures were generally 3-5°F below normal in northern districts of Rajshahi division.

Forecast valid until the evening of 12th:—Fairly widespread rain with a few moderate to heavy falls will occur in East Pakistan, local thunderstorm/showers in Peshawar and Rawalpindi divisions and Kashmir and scattered in Lahore, Quetta and D. I. Khan divisions. A few dust/thunderstorms are also likely in Multan, Bahawalpur and eastern districts of Hyderabad division.

Karachi-11.
The 11th July, 1957

ABDUL MAJID KHAN.
for Director. Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATION (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	8	7	16	05	96	02	9	016	83	6	4	6	7	9	79	86
	Chittagong	005	8	8	18	05	96	02	6	003	84	5	4	5	2	×	79	86
	Maijdee Court	000	9	8	23	02	95	56	2	995	81	4	5	5	4	1	79	88
	Comilla	100	1	8	00	00	98	60	6	045	82	8	9	4	×	×	80	89
	Brahmanbaria																	
	Sylhet	065	9	8	00	00	96	02	6	000	80	3	4	5	2	×	80	82
	Srimangal	072	6	8	00	00	97	02	8	000	81	8	4	6	×	×	77	85
Dacca	Mymensingh	027	0	8	00	00	96	21	2	994	81	8	6	3	×	×	79	87
	Narayanganj	035	4	8	16	02	94	03	6	975	81	2	5	6	2	×	78	90
	Dacca (Tezgaon)	061	4	8	20	02	97	02	6	986	81	5	5	3	7	7	79	88
	Faridpur	105	3	8	18	02	96	02	6	982	81	6	4	6	1	×	79	87
	Barisal	015	4	6	00	00	95	03	6	988	84	5	6	6	6	9	78	90
Rajshahi	Khulna	150	6	8	18	02	97	03	6	989	83	8	5	6	×	×	79	88
	Satkhira																	
	Jessore	190	7	8	18	03	96	03	6	981	93	8	7	5	×	×	82	90
	Sirajganj	172	4	8	00	00	95	01	9	975	80	8	6	5	×	×	79	90
	Bogra	325	4	6	00	00	95	61	9	980	79	6	7	6	0	0	78	89
	Dinajpur	110	5	6	00	00	96	01	8	974	79	6	0	9	2	0	76	82
	Rangpur	278	6	7	09	02	96	01	8	×××	78	7	7	5	0	0	77	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	95	05	4	921	01	0	0	9	0	0	76	02
	Sialkot	000	0	0	18	02	98	00	0	929	96	0	0	9	0	0	76	97
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	927	07	0	0	9	0	0	70	08
	Rawalpindi	000	0	3	00	00	98	02	0	910	96	3	2	7	0	0	70	97
	Khushab	000	0	0	09	03	97	00	0	917	00	0	0	9	0	0	72	02
Multan	Lyallpur	000	0	0	13	02	95	05	4	928	00	0	0	9	0	0	75	01
	Montgomery	000	0	0	20	03	96	00	0	911	04	0	0	9	0	0	75	06
	Multan	000	0	0	18	03	96	00	0	900	10	0	0	9	0	0	61	12
Bahawalpur	Leiah																	
	Khanpur																	
	Bahawalpur	000	0	0	23	02	97	00	0	919	09	0	0	9	0	0	95	07
	Fort Abbas																	
Peshawar	Chakdara	000	0	4	××	××	98	03	1	916	89	1	2	7	3	0	65	93
	Peshawar	000	0	5	05	07	97	01	2	925	92	2	9	7	3	0	68	97
	Haripur	000	0	5	13	02	97	02	2	918	92	0	0	9	0	5	71	97
	Campbellpur	000	0	3	09	05	98	01	0	925	99	3	0	8	4	0	68	00
D.I. Khan	Bannu	000	2	8	13	02	99	03	1	905	01	8	0	9	1	×	74	03
	D.I. Khan	000	6	5	05	02	97	03	0	923	02	5	0	9	5	0	73	03
Quetta	Sibi	000	0	0	23	02	99	00	0	887	11	0	0	9	0	0	60	13
Kalat	Nokkund	000	0	0	34	05	98	02	0	918	05	0	0	9	0	0	37	06
	Turbat	000	0	0	00	00	97	00	0	849	12	0	0	9	0	0	××	14
	Jiwani	000	0	0	20	12	96	02	0	942	92	0	0	9	0	0	72	94
	Pasni	000	0	0	23	16	94	05	0	949	90	0	0	9	0	0	79	93
	Ormara	000	0	0	××	××	98	00	0	950	92	0	0	9	0	0	85	93
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	27	12	97	03	0	941	90	2	6	4	0	0	86	93
	Karachi (Air port)	000	0	5	23	09	96	03	1	943	90	5	6	5	0	0	85	95
	Badin	000	0	0	23	02	97	00	0	949	98	0	0	9	0	0	75	01
	Nagarparker																	
	Umarkot	000	0	0	23	03	97	00	0	915	05	0	0	9	0	0	76	07
	Hyderabad	000	0	1	20	05	95	01	0	927	00	1	5	6	0	0	73	03
Khairpur	Pad-i-dan	000	0	0	13	05	98	00	0	908	08	0	0	9	0	0	66	09
	Nawabshah	000	0	0	18	09	97	02	0	921	05	0	0	9	0	0	80	07
	Sukkur	000	8	3	27	02	96	01	1	898	08	0	0	9	0	3	74	08
	Reti																	
	Jacobabad	000	0	0	18	12	96	02	0	916	08	0	0	9	0	0	67	08
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	940	92	0	0	9	0	0	84	93
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	054	71	0	0	9	0	0	40	72
	Allabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	6	00	00	97	02	1	390	74	4	3	3	8	0	67	76
Peshawar	Drosh *	000	0	3	05	07	97	01	2	393	94	3	2	7	0	0	45	96
	Cherat *	000	6	3	18	03	97	01	1	400	89	3	0	9	4	0	60	91
	Kakul *	000	8	1	13	03	99	01	1	430	85	1	2	7	0	0	65	87
	Landi Kotal *	015	2	6	16	02	97	03	9	391	81	6	0	9	7	0	59	90
D.I. Khan	Parachinar *	000	0	0	36	02	99	00	0	794	76	0	0	9	0	0	48	××
	Miranshah *	000	0	4	05	02	98	01	0	447	95	0	0	9	3	0	87	95
	Wana *																	
Quetta	Fort Sandeman *	000	1	4	05	05	95	07	0	384	95	4	0	9	7	0	67	03
	Hindubagh *	000	0	0	27	05	97	00	0	387	91	0	0	9	0	0	46	94
	Loralai *	000	0	6	20	05	98	02	1	485	92	6	0	9	5	0	35	96
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	29	12	94	07	0	384	93	1	1	6	0	0	73	95
Kalat	Chaman *	000	2	0	25	09	95	05	2	391	75	0	0	9	0	0	78	99
	Kalat *	000	0	0	29	09	98	00	0	387	35	0	0	9	0	0	66	89
	Nushki *	000	0	0	31	09	96	00	0	454	04	0	0	9	0	0	50	05
	Dalbandin *	000	0	2	09	05	96	03	0	401	06	0	0	9	0	1	48	07
	Panjgur *	000	0	0	31	05	98	00	0	408	01	0	0	9	0	0	58	01
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

STATION (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	247	9	5	11	05	96	02	9	023	81	5	4	6	7	0	80	77	0	0	56.3	+ 12.5	67.1	104
Chittagong	179	9	8	13	05	97	60	6	017	79	8	7	4	×	×	78	78	0	− 8	23.9	− 5.5	31.3	108
Maijdee Court	084	4	8	00	00	95	53	5	012	82	8	5	5	×	×	81	78	+ 2	0	26.4	− 1.6	36.3	115
Comilla	190	1	8	18	05	98	60	6	014	79	8	9	4	×	×	78	78	+ 2	+ 1	23.1	− 0.7	35.0	194
Brahmanbaria	210	3	8	18	02	95	62	6	011	79	8	5	2	×	×	78	78	—	—	23.7	+ 5.6	41.4	78
Sylhet	080	6	8	09	05	96	21	6	015	79	4	5	5	2	×	78	77	—	—	35.4	—	85.9	..
Srimangal	072	0	8	00	00	97	02	2	016	83	8	4	7	×	×	77	78	− 5	+ 2	30.7	+ 6.6	57.4	98
Mymensingh	033	0	8	09	02	96	06	2	008	80	8	6	3	×	×	78	79	0	+ 1	28.6	+ 4.9	39.3	91
Narayanganj	038	9	8	18	02	94	03	6	003	83	8	7	4	×	×	80	79	+ 2	0	24.0	+ 7.0	40.1	74
Dacca (Tezgaon)	080	2	8	18	02	96	61	6	995	82	4	5	4	2	×	81	78	—	—	23.5	—	42.5	..
Faridpur	105	9	8	16	02	96	03	0	009	84	8	5	6	0	0	81	76	− 1	− 2	18.1	+ 0.8	30.0	71
Barisal																		+ 2					81
Khulna	150	0	8	18	02	97	02	2	003	83	8	5	6	×	×	80	79	0	+ 1	17.0	− 0.7	25.0	68
Satkhira	000	0	8	00	00	96	03	2	999	83	×	×	6	×	×	82	80		+ 2	11.2	− 6.0	16.9	65
Jessore	190	0	8	18	03	96	03	2	995	84	8	7	5	×	×	80	80	—	—	20.9	+ 4.5	25.2	65
Sirajganj	508	8	8	00	00	93	29	6	000	78	8	7	4	×	×	77	76	+ 3	− 2	31.3	+ 14.6	42.3	64
Bogra	532	7	6	23	02	97	02	6	996	79	6	6	6	0	0	78	76	0	− 3	32.4	+ 14.1	39.8	69
Dinajpur	110	2	7	00	00	96	02	2	005	84	4	4	7	2	0	80	77	− 7	− 1	20.3	− 0.3	23.7	72
Rangpur	283	0	7	09	02	96	01	2	×××	83	6	5	6	2	×	80	75	− 3	− 3	25.4	− 0.5	34.2	84
Jammu																							
Lahore (Jail Rd.)	000	0	3	00	00	96	01	2	955	92	3	0	7	7	0	76	85	+ 1	+ 5	0.4	− 3.1	9.1	19
Sialkot	000	0	0	05	02	97	00	0	953	90	0	0	9	0	0	79	75	− 2	− 5	0.7	− 5.7	23.9	32
Jhelum	000	0	0	13	13	97	02	0	957	92	0	0	9	0	0	73	79	—	—	1.4	—	12.2	..
Rawalpindi	000	0	6	00	00	99	01	1	980	95	6	0	9	3	0	65	79	− 2	+ 2	1.7	− 2.8	17.7	36
Khushab	000	0	0	11	05	97	00	0	952	93	0	0	9	0	0	75	87	− 2	+ 5	1.2	− 1.3	10.0	15
Lyallpur	000	0	0	16	02	96	00	0	951	90	0	0	9	0	0	73	87	+ 2	+ 5	0.8	− 1.5	7.0	12
Montgomery	000	0	0	20	02	96	00	0	918	91	0	0	9	0	0	77	84	+ 2	0	0.2	− 1.9	4.0	10
Multan	000	0	0	23	02	96	00	0	035	89	0	0	9	0	0	78	85	+ 9	0	0.7	− 0.6	4.0	7
Leiah																							..
Khanpur																							6
Bahawalpur	000	0	0	23	02	97	00	0	959	92	0	0	9	0	0	84	88	+ 2	+ 4	0.1	− 0.9	1.3	6
Fort Abbas	000	0	2	23	10	96	07	2	958	96	2	1	6	0	0	76	85		—	0	—	2.9	8
Chakdara	000	0	6	00	00	97	03	1	946	81	6	0	7	6	0	68	58	—	—	0.8	—	15.7	..
Peshawar	000	1	7	23	03	97	21	6	946	85	4	3	6	4	0	71	82	− 6	+ 2	0.1	− 0.5	11.1	14
Haripur	000	5	7	23	02	97	03	0	950	87	0	0	9	0	3	64	73	—	—	1.1	—	15.2	..
Campbellpur	000	1	8	23	03	97	50	5	964	88	8	3	6	0	0	73	80	—	—	0.3	—	15.7	..
Bannu	000	0	0	31	02	99	00	0	962	86	0	0	9	0	0	69	79	—	—	0.1	—	7.1	11
D.I. Khan	000	3	4	29	02	97	01	1	953	92	0	0	9	0	4	75	88	− 1	+ 5	1.0	− 0.4	6.5	10
Sibi	000	0	0	13	01	99	00	0	958	95	0	0	9	0	0	73	88	—	—	0.3	—	5.3	5
Nokkund																		—	—				2
Turbat	000	0	0	00	00	98	00	0	000	91	0	0	9	0	0	87	87	—	—	2.5	—	5.9	..
Jiwani	000	0	3	16	03	96	03	0	981	84	3	6	4	0	0	78	80	—	—	0	—	3.1	4
Pasni	000	0	0	23	00	94	05	0	998	93	0	0	9	0	0	79	80	+ 1	+ 2	0	− 0.4	6.2	6
Ormara	000	0	0	××	03	98	00	0	001	85	0	0	9	0	0	82	81	—	—	0	− 0.1	3.8	6
Las Bela																							8
Karachi (Manora)	000	0	4	25	09	96	02	0	978	86	2	6	4	0	1	86	82	+ 2	+ 1	0	− 1.4	0.5	8
Karachi (Air port)	000	0	3	27	07	96	03	1	976	87	3	6	5	0	0	81	83	—	—	0	—	0.4	..
Badin	000	0	0	23	03	96	00	0	996	7	0	0	9	0	0	77	××	+ 5	×	0	− 2.2	1.3	9
Nagarparker	×××	×	9	18	09	96	82	1	×	××	9	×	×	×	×	—	—		—	—	—	—	..
Umarkot	000	0	7	23	01	97	00	0		86	0	0	9	0	0	83	84	—	—	2.6	—	2.6	..
Hyderabad	000	0	6	20	03	97	03	2	.71	87	2	5	6	7	0	75	83	+ 3	+ 2	0	− 1.2	1.8	..
Pad-i-dan	000	0	6	13	05	98	03	2	960	88	0	0	9	0	8	75	85	—	—	0	—	1.2	..
Nawabshah	000	4	5	16	07	97	03	1	969	86	5	0	9	7	6	79	85	—	—	0.1	—	0.6	..
Sukkur	000	9	6	05	02	96	03	1	957	89	0	0	9	0	5	77	87	—	—	0	—	2.8	4
Reti																							..
Jacobabad	000	0	6	13	03	96	03	1	962	××	0	0	9	0	2	76	88	− 2	+ 3	0	− 0.5	3.5	4
Veraval																							20
Jalalabad																							..
Muscat	000	0	0	09	02	99	00	0	964	88	0	0	9	0	0	84	86	− 3	− 2	0	− 0.1	6.9	4
Kuwait																							5
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							..
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																		—	—				..
Allabad *																							..
Gilgit *																							
Murree *	000	9	2	29	05	98	01	1	416	68	2	0	7	8	0	59	61	+ 1	+ 2	5.4	− 2.5	39.3	59
Drosh *	009	9	4	00	00	96	03	9	411	74	4	2	7	0	0	60	63	0	− 10	0.6	—	22.7	18
Cherat *	000	2	7	36	05	97	02	9	408	76	7	5	6	0	0	58	70	+ 1	− 1	0.5	− 1.7	21.1	29
Kakul *	000	9	4	09	02	98	03	1	417	81	0	0	9	9	2	64	69	—	—	2.2	—	29.8	..
Landi Kotal *	015	9	7	00	00	97	03	9	405	80	7	0	9	5	0	65	73	—	—	0.2	—	14.5	..
Parachinar *																		×	×				29
Miranshah *	000	0	0	31	02	99	00	0	441	83	0	0	9	0	0	77	76	—	—	0.5	− 0.9	9.3	13
Wana *	000	0	0	13	01	92	30	7	372	85	0	0	9	0	0	74	75		—	0	—	12.9	11
Fort Sandeman *	030	8	0	23	02	96	00	9	415	75	0	0	9	0	0	63	71	+ 2	− 4	0.8	− 0.5	11.3	11
Hindubagh *	000	0	0	00	00	97	00	0	425	78	0	0	9	0	0	54	62	—	—	0	—	12.3	..
Loralai *	000	0	0	23	02	98	00	0	446	75	0	0	9	0	0	63	67	—	—	1.6	—	10.4	..
Harnai *	000	0	0	27	00	98	00	0	—	—	0	0	9	0	0	—	—	×	×	0.6	− 0.8	12.9	14
Quetta *																		—	—				9
Chaman *	000	0	0	20	03	97	00	0	433	82	0	0	9	0	0	73	71	− 3	− 5	0	0	10.2	8
Kalat *	000	0	0	00	00	98	00	0	430	71	0	0	9	0	0	62	54	− 2	− 8	0	− 0.4	8.4	..
Nushki *	000	0	0	09	04	97	00	0	518	84	0	0	9	0	0	50	79	—	—	0	—	8.0	..
Dalbandin *	009	9	0	00	00	95	05	0	415	83	0	0	9	0	0	42	71	− 2	− 7	0	0	4.4	..
Panjgur *	000	0	0	00	00	98	00	0	419	85	0	0	9	0	0	58	78	− 2	+ 1	0	—	4.2	
Kabul *																							
Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

THURSDAY, THE 11th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
BAY OF BENGAL										
City of New York	43 211	909 12	4 22 15	98 02 0	996 84	21 × 46	6 3 720	..	0 00 80	1 22 33

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb HHHTTT	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	994 288 282	460 008 525	Misda										
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	824 182 122	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	Misda											
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd ; Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	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 ..	No	ascent	..	..	..	..	..	..	..	No	ascent	..	..	..	..	No	ascent									
Chaklala ..																..	11 03	10 07	04 06	31 13	28 10	..	..	..	..	..
Chhor ..	23 07	22 06	16 06	15 11	06 10	66 10	03 05	11 04	08 03	23 13	24 15	25 17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	20 17							..	..	16 16	..	..	..	..	..	14 15						..	..	..	..	..
Cox's Bazar ..	20 11	23 15	23 15	23 16	25 19	26 19	25 12	..	..	No	ascent	..				16 09	16 08	23 07	..	..	..	..	..	..	..	..
Dacca ..	21 12	21 17	22 15	24 14	24 17	23 19	21 13	27 08	21 01	22 16	23 18	23 17	24 10	25 10	26 06	No	ascent		..	..	..	..	..	..	..	..
Dalbandin ..			..	..	..	..	..	..			..	03 05	08 08	02 12	33 07	..	..	10 07	19 03	23 05	32 09	33 19	32 28	..	..	..	..
D. I. Khan ..	..	..	..						..	..	..	..				..	..	..	..	19 03	03 02	06 02	..	..	..	..
Drosh ..	..	..	..	10 10	08 17	02 17	36 29	..	..	..	..	..	..	22 01	03 04	..	..	..	30 02	30 08	27 12	26 20	22 30	27 38	26 31	25 43
Fort Sandeman ..				10 35	11 22	04 02	26 22	..	..				21 04	24 12	24 06											
Jacobabad ..	18 07	18 09	08 04	01 08	36 08	32 11	29 08	27 04	29 07	18 21	20 27	21 07	17 01	34 02	36 10	18 07	21 10	19 10	26 06	34 10	33 10	10 05	29 06	24 08	24 12	25 10
Jessore ..																										
Jhelum ..	12 01	17 02	18 02	05 01	29 04	31 11	30 14	29 12	27 23	11 01	13 15	13 17	16 05	32 05	34 09	06 04	07 25	08 03	08 03	36 05	33 15	35 10	28 18	23 05	26 32	..
Jiwani ..	13 08	21 03	18 02	03 01	05 15	06 24	12 02	06 11	..	14 10	25 03	31 03	32 06	35 07	08 17	14 04	31 01	34 03	35 06	02 10	05 07	..	..	..	..	..
Karachi ..	23 09	24 09	24 08	31 04	07 09	07 17	..	..	..	27 15	27 13	27 11	35 06	01 12	04 17	26 15	27 11	31 09	31 09	03 17	03 29	05 23	08 07	04 12	07 16	..
Khanpur ..										22 16	25 19	26 20	27 11	30 10	22 09	22 15	23 15	24 15	31 11	34 07	01 07	15 08	15 02	29 06	25 13	..
Lahore ..	28 04	28 06	24 06	25 06	29 09	33 13	34 15	33 09	28 13	17 10	23 13	25 14	28 13	29 17	..	27 04	25 25	27 04	28 06	26 10	29 12	32 13	27 12	25 11	26 26	26 20
Multan ..	21 17	22 18	23 13	27 10	27 07	30 02	02 06	29 21	26 17	..	..	..	..	..	..	23 06	24 06	26 06	23 06	05 03	35 11	33 15	34 21	34 27	32 27	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..	..														
Panjgur ..	..	..	..	..	..	..	..	..	..	..						..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..					..	..	01 08	36 07	04 04	16 05	19 06	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	28 13	28 12	28 12	27 21	..	..	..	..	..	20 01	15 03	..	..	..	..	27 12	29 14	28 21	23 22	24 24	24 30	25 22
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	18 06	21 15	21 16	..	..	..	..	..	..	No	ascent	..	..	..	..	13 09	..	..	..	..	..	..	..	..	..	..
Veraval ..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	Misda																	
Peshawar ..																		
Quetta ..																		

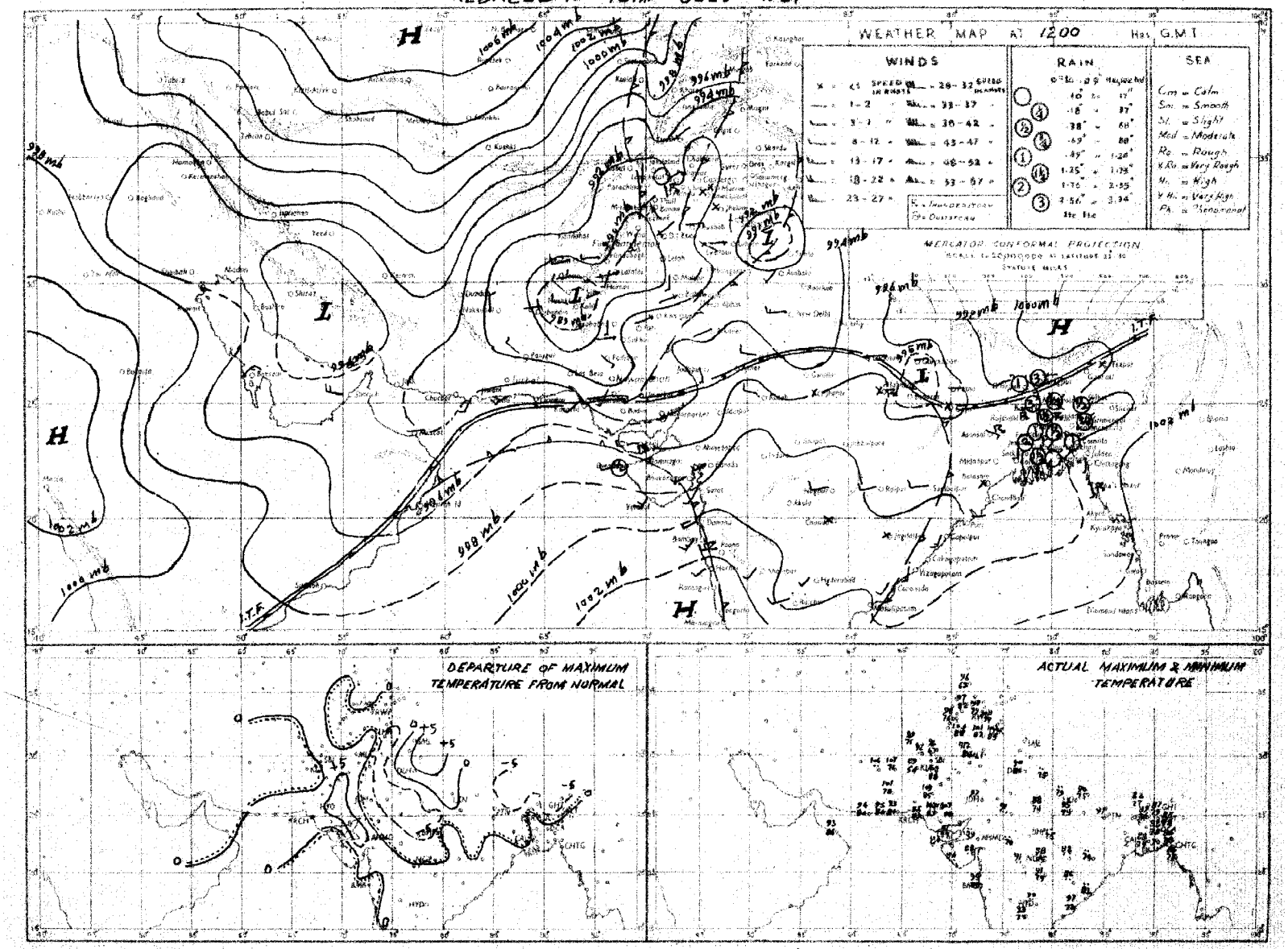
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

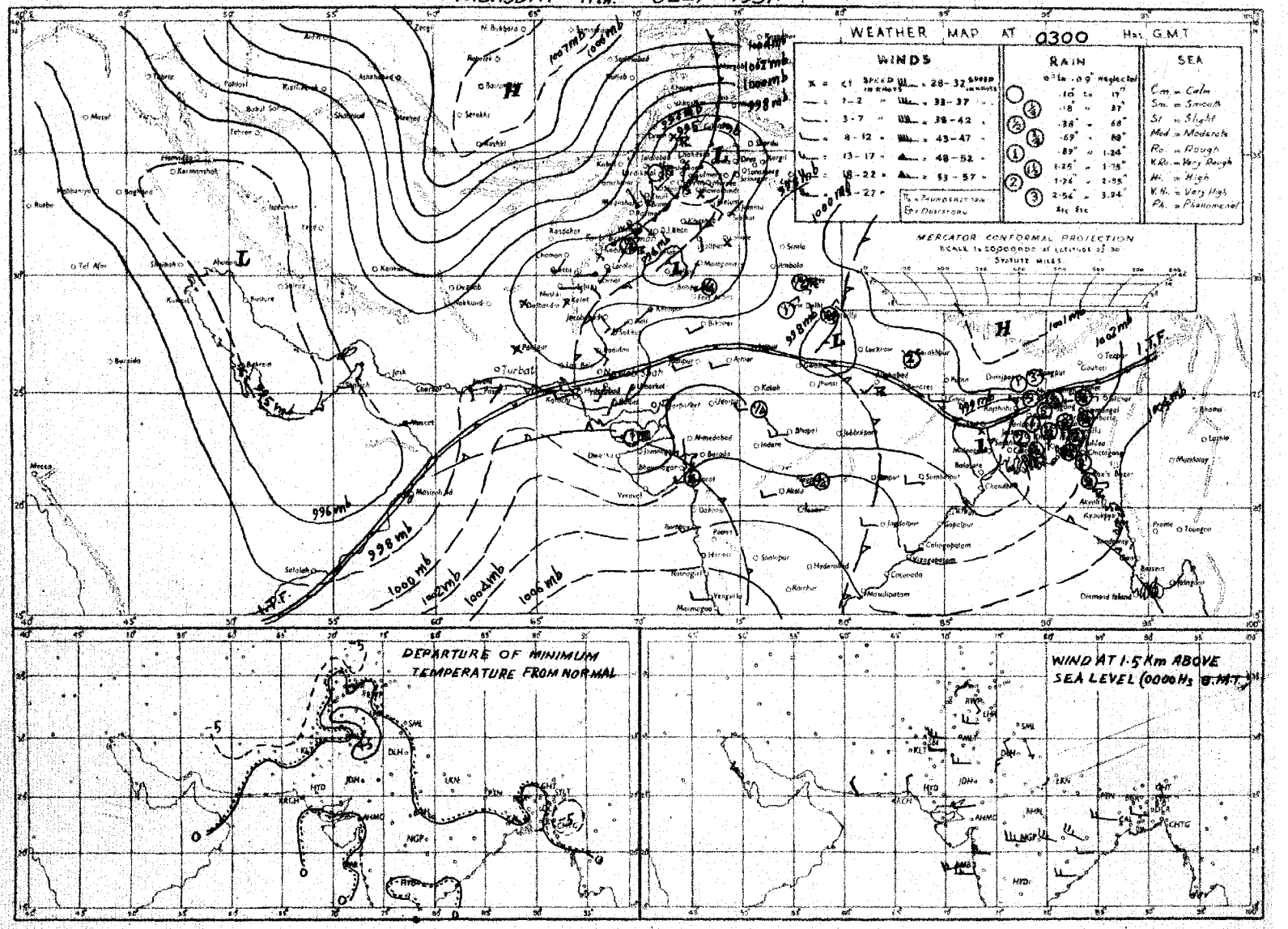
WEDNESDAY 10th. JULY 1957



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 11th: JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

FRIDAY, THE 12th JULY, 1957

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

Yesterday's low pressure wave over Peshawar division and Kashmir has moved away eastwards after causing isolated dust or thunderstorms in D. I. Khan and Peshawar divisions.

The seasonal low lies accentuated over Multan and adjoining divisions. In its association scattered duststorms have been reported from Bahawalpur, Khairpur and Hyderabad divisions and scattered rain from Bahawalpur division.

Fairly widespread rain has occurred in East Pakistan.

Chief amounts of rainfall are:—Narayanganj 1½"; Comilla, Barisal, Sirajganj and Fort Abbas 1" each; Sylhet ¾"; Maijdee Court, Srimangal, Dacca and Khulna ½" each and Brahmanbaria, Mymensingh, Faridpur and Jessore ¼" each.

Day temperatures were 3-8°F above normal in D. I. Khan, Rawalpindi, Lahore, Multan, Bahawalpur and Hyderabad divisions and the Federal Capital Area and 2-5°F below normal in Quetta and north Kalat divisions and in East Pakistan.

Forecast valid until the evening of 13th:—Fairly widespread rain will occur East Pakistan. A few dust or thunderstorms are also likely in Multan, Bahawalpur, Khairpur, Hyderabad, D. I. Khan, Lahore and Rawalpindi divisions.

Karachi-11.
The 12th July, 1957.

OBSERVATIONS

ABDUL MAJID KHAN.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wr (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	7	18	05	96	02	1	034	83	5	9	6	2	0	79	85
	Chittagong	007	8	6	18	05	96	02	6	986	83	4	4	5	2	0	79	84
	Maijdee Court	040	4	8	18	02	96	01	2	981	81	2	2	6	2	2	78	84
	Comilla	110	6	4	18	07	99	03	6	979	85	3	2	5	9	0	80	87
	Brahmanbaria	024	8	5	18	02	97	01	6	981	83	5	5	3	0	0	78	83
	Sylhet	032	6	7	00	00	96	03	6	976	83	3	5	6	2	8	79	86
	Srimangal	009	7	8	00	00	97	02	6	980	84	6	4	6	0	1	77	89
Dacca	Mymensingh	037	8	4	00	00	98	02	6	979	82	4	4	5	0	0	79	87
	Narayanganj	137	7	8	09	02	94	03	6	977	82	8	4	4	2	×	79	84
	Dacca (Tezgaon)	039	7	7	13	02	97	02	9	973	82	3	5	5	3	0	80	83
	Faridpur	000	8	5	16	02	96	02	2	976	82	2	4	7	1	0	79	84
	Barisal	106	4	8	00	00	95	63	9	976	80	5	7	9	0	0	77	89
Rajshahi	Khulna	044	5	8	00	00	96	03	6	978	80	8	5	6	×	×	79	89
	Satkhira	030	0	8	00	00	96	03	2	971	82	×	×	6	×	×	79	89
	Jessore	020	3	8	27	02	96	60	6	984	82	8	7	5	×	×	81	89
	Sirajganj	098	8	6	00	00	96	00	9	964	80	4	5	5	9	1	78	94
	Bogra	000	0	6	13	02	96	02	1	972	81	6	6	6	0	0	77	81
	Dinajpur	012	2	6	09	02	96	02	6	974	84	3	5	7	0	9	80	89
	Rangpur	002	7	7	13	02	96	01	5	×××	84	5	4	6	2	0	78	87
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	909	05	0	0	9	0	0	71	06
	Sialkot	000	9	3	23	02	97	02	1	9.8	04	3	2	6	×	×	79	05
Rawalpindi	Jhelum	000	2	6	00	00	97	03	0	908	02	1	3	7	2	0	70	06
	Rawalpindi	000	0	3	27	02	98	02	0	876	02	3	2	7	0	3	59	03
	Khushab	000	0	1	05	05	97	03	0	907	03	1	0	9	7	0	61	07
Multan	Lyallpur	000	0	0	20	02	96	00	0	908	06	0	0	9	0	0	74	07
	Montgomery	000	0	0	00	00	96	00	0	862	09	0	0	9	0	0	79	09
	Multan	000	0	0	23	02	96	00	0	910	03	0	0	9	0	0	70	10
Bahawalpur	Leiah																	
	Khanpur	000	0	3	03	05	96	02	0	917	08	0	0	9	0	3	78	09
	Bahawalpur	000	0	0	23	00	97	00	0	917	07	0	0	9	0	0	96	08
	Fort Abbas	114	1	8	××	××	96	61	3	934	87	8	1	6	×	×	82	11
Peshawar	Chakdara	000	0	3	11	××	98	03	1	882	96	1	2	7	3	×	67	99
	Peshawar	000	0	7	27	10	97	11	1	910	99	3	9	6	2	0	62	02
	Haripur	000	0	0	23	02	97	00	0	890	01	0	0	9	0	0	65	02
	Campbellpur	000	0	3	00	00	98	01	1	960	04	3	0	8	5	0	61	04
D.I. Khan	Bannu	000	0	0	13	02	96	00	0	906	02	0	0	9	0	0	67	04
	D.I. Khan	000	0	2	00	00	98	03	0	919	10	0	0	9	0	2	54	11
Quetta	Sibi	000	0	0	23	01	98	00	0	904	13	0	0	9	0	0	56	14
Kalat	Nokkund	000	0	0	31	02	98	02	0	924	07	0	0	9	0	0	26	09
	Turbat	000	0	0	00	00	97	00	0	991	11	0	0	9	0	0	05	13
	Jiwani	000	0	5	13	07	96	03	1	959	81	5	6	4	0	3	78	91
	Pasni	000	0	4	23	14	95	05	0	974	89	4	5	7	0	0	78	92
	Ormara	000	0	0	××	05	98	00	0	972	90	0	0	9	0	0	83	92
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	12	94	05	4	953	89	2	6	4	3	0	86	92
	Karachi (Air port)	000	0	8	25	09	96	02	2	962	87	3	6	5	7	×	79	94
	Badin	000	0	8	23	07	97	20	3	993	95	0	0	9	0	0	74	95
	Nagarparker	×××	×	9	18	05	96	20	4	—	—	9	×	0	×	×	—	—
	Umarkot	000	0	7	23	03	97	00	0	932	91	0	0	9	0	0	82	02
	Hyderabad	000	0	8	20	10	96	03	2	949	94	5	5	6	7	0	74	03
Khairpur	Pad-i-dan	000	0	3	13	05	98	01	2	924	07	0	0	9	0	2	68	08
	Nawabshah	000	0	2	18	07	97	03	0	939	03	0	0	9	0	1	79	06
	Sukkur	000	8	4	20	02	96	03	1	917	07	0	0	9	0	8	76	08
	Rati																	
	Jacobabad	000	0	1	12	09	96	03	0	930	07	0	0	9	0	2	72	08
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	951	90	0	0	9	0	0	80	92
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Alizbad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	3	31	05	98	01	1	386	79	3	0	7	8	0	63	80
Peshawar	Drosh *	000	0	5	23	07	96	03	1	334	93	5	2	7	0	0	52	97
	Cherat *	000	6	2	13	02	97	03	1	390	93	2	2	6	0	0	63	94
	Kakul *	000	5	0	13	07	99	00	2	389	88	0	0	9	0	0	69	90
	Landi Kotal *	000	3	7	00	00	97	03	9	393	87	7	0	9	7	0	51	96
D.I. Khan	Parachinar *	000	0	8	31	02	99	00	0	796	84	8	0	8	0	0	51	××
	Miranshah *	000	0	0	00	00	99	00	0	433	97	0	0	9	0	0	88	98
	Wana *	000	0	0	09	03	95	00	0	391	93	0	0	9	0	0	53	97
Quetta	Fort Sandeman *	000	0	2	06	02	96	00	0	395	99	2	2	6	0	0	67	04
	Hindubagh *	000	0	0	27	09	97	00	0	389	91	0	0	9	0	0	46	97
	Loralai *	000	0	0	00	00	98	00	0	475	95	0	0	9	0	0	45	96
	Harnai *	000	0	0	13	02	98	00	0	—	—	0	0	9	0	0	—	—
	Quetta *	000	0	1	29	05	97	01	0	386	89	0	0	9	3	0	48	91
Kalat	Chaman *	000	0	0	34	05	97	00	0	405	95	0	0	9	0	0	38	97
	Kalat *	000	0	0	31	11	98	00	0	408	84	0	0	9	0	0	66	88
	Nushki *	000	0	0	02	19	96	00	0	454	04	0	0	9	0	0	58	06
	Dalbandin *	000	2	1	27	05	95	05	0	408	05	1	1	7	0	0	35	07
	Panjgur *	000	0	0	31	03	98	00	0	417	01	0	0	9	0	0	62	03
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wr (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	007	9	7	16	05	96	02	6	026	80	5	4	6	1	7	76	76	− 1	− 1	56.4	+ 11.5	67.2	104
Chittagong	007	0	8	16	05	97	02	2	020	82	6	6	5	2	×	77	78	− 2	+ 1	24.0	− 6.2	31.4	108
Maijdee Court	040	9	8	11	05	96	01	2	012	82	2	4	6	2	2	78	79	− 2	+ 1	26.8	− 1.7	36.7	115
Comilla	110	9	8	18	05	99	02	6	015	83	8	4	5	×	×	78	79	− 1	+ 2	24.2	0	36.1	194
Brahmanbaria	024	0	5	18	05	97	03	2	015	85	2	5	3	0	8	78	77	—	—	23.9	+ 5.4	41.7	78
Sylhet	078	9	8	09	02	96	50	6	019	82	6	7	4	2	×	79	78	—	—	36.1	—	86.7	..
Srimangal	066	9	6	18	02	97	02	6	025	85	5	1	7	0	1	77	78	− 1	+ 2	31.4	+ 6.9	58.0	98
Mymensingh	037	0	8	00	00	98	02	2	016	82	8	4	5	×	×	79	78	− 1	0	29.0	+ 4.8	39.7	91
Narayanganj	137	9	7	16	03	95	03	6	012	85	6	4	4	3	0	79	78	− 5	− 1	25.4	+ 7.9	41.5	74
Dacca (Tezgaon)	039	9	7	13	03	97	01	2	001	85	6	4	4	3	0	79	79	—	—	23.9	—	42.8	..
Faridpur	023	9	8	16	02	96	50	6	000	82	8	7	6	0	0	79	76	− 4	—	18.3	+ 1.5	30.3	71
Barisal	106	9	6	18	03	96	03	6	008	85	6	0	9	6	0	78	79	+ 2	0	17.1	− 4.1	24.2	81
Khulna	044	0	8	18	02	97	03	2	007	80	8	5	5	×	×	79	79	+ 1	+ 1	17.4	− 0.7	25.5	68
Satkhira	097	4	8	13	02	96	03	2	002	84	×	×	6	×	×	80	79	+ 1	+ 1	12.1	− 5.4	17.9	65
Jessore	020	0	7	13	05	97	03	2	998	86	5	4	6	6	0	79	79	—	—	21.1	+ 15.5	25.4	65
Sirajganj	098	9	8	00	00	95	02	6	992	81	8	7	5	×	×	80	76	+ 6	− 2	32.3	+ 15.3	43.2	64
Bogra	000	0	6	13	02	96	02	1	008	81	6	6	6	0	0	80	78	− 8	− 1	32.4	+ 13.8	39.8	69
Dinajpur	012	2	8	09	02	96	02	2	007	84	8	4	7	0	0	78	76	0	− 2	20.5	− 0.1	23.8	72
Rangpur	002	0	7	11	05	96	03	2	×××	84	7	5	6	×	×	80	79	− 2	+ 1	25.4	0	34.2	84
Jammu																							
Lahore (Jail Rd.)	000	0	0	13	02	96	02	0	948	91	0	0	9	0	0	72	87	+ 6	+ 7	0.4	− 3.3	9.1	19
Sialkot	000	0	0	13	05	97	00	0	945	91	0	0	9	0	0	69	86	+ 7	+ 6	0.7	− 6.0	23.9	32
Jhelum	000	0	0	13	05	96	05	0	942	91	0	0	9	0	0	75	86	—	—	1.4	—	12.2	..
Rawalpindi	000	0	0	00	00	99	00	1	951	85	0	0	9	0	0	61	81	+ 5	+ 4	1.7	− 3.0	17.7	36
Khushab	000	0	0	09	07	97	00	0	937	94	0	0	9	0	0	76	88	+ 4	+ 6	1.2	− 1.4	10.0	15
Lyallpur	000	0	0	20	02	96	00	0	935	92	0	0	9	0	0	74	88	+ 5	+ 6	0.8	− 1.5	7.0	12
Montgomery	000	0	0	23	02	96	00	0	903	93	0	0	9	0	0	77	87	+ 6	+ 3	0.2	− 2.0	4.0	10
Multan	000	0	0	23	02	96	00	0	933	93	0	0	9	0	0	77	86	+ 8	+ 1	0.7	− 0.6	4.8	7
Leiah																							
Khanpur	000	0	0	23	07	96	00	0	943	91	0	0	9	0	0	78	87	+ 6	+ 4	0	− 1.2	1.0	6
Bahawalpur	000	0	0	23	02	97	00	0	944	94	0	0	9	0	0	84	90	+ 5	+ 6	0.1	− 1.0	1.3	6
Fort Abbas	114	9	0	23	09	97	00	6	949	93	0	0	9	0	0	78	82	—	—	1.1	—	4.1	8
Chakdara	000	0	0	××	××	98	00	0	928	83	0	0	9	0	0	63	62	—	—	0.8	—	15.7	..
Peshawar	000	9	0	00	00	97	02	0	928	93	0	0	9	0	0	68	81	—	+ 1	0.1	− 0.6	11.1	14
Haripur	000	0	0	13	02	97	00	0	926	89	0	0	9	0	0	49	76	—	—	1.1	—	15.2	..
Campbellpur	000	0	0	09	03	97	00	0	936	91	0	0	9	0	0	69	76	—	—	0.3	—	15.7	..
Bannu	000	0	0	13	01	99	00	0	927	91	0	0	9	0	0	80	83	—	—	0.1	—	7.1	11
D.I. Khan	000	0	0	05	02	97	00	0	918	94	0	0	9	0	0	72	85	+ 7	+ 2	1.0	− 0.5	6.5	10
Sibi	000	0	0	00	00	98	00	0	951	95	0	0	9	0	0	77	87	—	—	0.3	—	5.3	5
Nokkund	000	0	0	25	02	98	02	0	970	87	0	0	9	0	0	47	87	—	—	0	—	1.9	2
Turbat	000	0	0	00	00	98	00	0	000	91	0	0	9	0	0	80	86	—	—	2.5	—	5.9	4
Jiwani	000	2	5	18	03	96	01	1	990	84	5	6	4	0	0	75	80	—	—	0	—	3.1	6
Pasni	000	0	0	31	02	95	05	0	008	83	0	0	9	0	0	78	80	0	—	0	− 0.4	6.2	6
Ormara											6	4	5	0	0	82	82	—	—	0	− 0.1	3.8	8
Las Bela	000	0	6	××	××	98	02	1	010	85													
Karachi (Manora)																		+ 3					8
Karachi (Air port)	000	0	7	25	07	96	01	1	980	87	7	6	5	0	0	81	85	—	—	0	—	0.4	9
Badin	000	0	0	23	02	96	00	0	982	88	0	0	9	0	0	80	××	0	×	0	− 2.3	1.3	..
Nagarparker	×××	×	0	18	02	96	00	4	×××	××	0	0	9	0	0	××	××	—	—	—	—	—	..
Umarkot	000	0	0	23	03	97	00	0	9.3	87	0	0	9	0	0	80	81	—	—	2.6	—	2.6	..
Hyderabad	000	0	1	23	10	97	01	2	964	87	1	5	6	0	0	76	××	+ 4	×	0	− 1.3	1.8	
Pad-i-dan	000	0	0	13	05	98	00	0	950	87	0	0	9	0	0	76	83	—	—	0	—	1.2	..
Nawabshah	000	0	0	18	03	97	02	0	960	89	0	0	9	0	0	81	83	—	—	0.1	—	0.6	
Sukkur	000	9	2	23	02	96	03	3	945	86	0	0	9	0	8	77	84	—	—	0	—	2.8	4
Rati																							
Jacobabad	000	0	2	18	03	96	02	1	956	89	0	0	9	0	1	78	86	− 1	+ 1	0	− 0.5	3.5	4
Veraval																							20
Jalalabad																							..
Muscat	000	0	6	00	00	97	03	0	976	87	0	0	8	0	0	83	87	− 3	− 1	0	− 0.1	6.9	4
Kuwait																							5
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							..
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **	000	0	0	00	00	98	00	0	055	63	0	0	9	0	0	39	34		—	—	—	—	..
Alizbad *																							..
Gilgit *																							
Murree *	000	9	0	27	02	98	00	1	403	71	0	0	9	0	0	59	64	+ 6	+ 5	5.4	− 2.9	39.3	59
Drosh *	000	0	0	00	00	96	00	0	375	80	0	0	9	0	0	55	71	+ 1	− 2	0.6	—	22.7	18
Cherat *	000	0	0	18	02	96	00	0	393	82	0	0	9	0	0	62	76	+ 5	+ 5	0.5	− 1.9	21.1	29
Kakul *	000	0	0	20	02	97	02	0	406	83	0	0	9	0	0	59	75	—	—	2.2	—	29.8	..
Landi Kotal *	000	9	0	00	00	98	00	9	395	87	0	0	9	0	0	61	73	—	—	0.2	—	14.5	
Parachinar *	000	0	0	00	00	99	00	0	796	74	0	0	9	0	0	49	—	×	—	2.4	—	21.5	29
Miranshah *	000	0	0	00	00	99	00	0	436	88	0	0	9	0	0	79	74	—	—	0.5	− 1.0	12.7	13
Wana *	000	0	0	00	00	94	00	0	400	80	0	0	9	0	0	55	71	—	—	0	—	12.1	11
Fort Sandeman *	000	0	0	00	03	96	00	0	405	79	0	0	9	0	0	54	76	+ 4	− 1	0.8	− 0.6	11.3	11
Hindubagh *	000	0	0	00	00	98	00	0	411	77	0	0	9	0	0	49	69	—	—	0	—	12.3	
Loralai *	000	0	0	23	01	98	00	0	461	72	0	0	9	0	0	35	62	—	—	1.6	—	10.4	..
Harnai *	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	0.6	− 0.8	12.9	14
Quetta *	000	0	0	05	02	97	00	0	417	80	0	0	9	0	0	65	54	—	—	0	− 0.2	9.5	9
Chaman *	000	0	0	20	05	97	00	0	426	85	0	0	9	0	0	48	71	− 5	− 5	0	0	10.2	8
Kalat *	000	0	0	16	02	98	00	0	425	76	0	0	9	0	0	55	57	− 3	− 5	0	− 0.4	8.4	..
Nushki *	000	0	0	09	02	97	00	0	528	84	0	0	9	0	0	××	79	—	—	0	—	8.0	..
Dalbandin *	000	0	0	00	00	96	02	0	408	83	0	0	9	0	0	36	72	− 2	− 6	0	0	4.4	..
Panjgur *	000	0	0	05	03	98	00	0	419	83	0	0	9	0	0	57	76	0	− 1	0	—	4.2	
Kabul *																							
Kandahar *																							

†Given in Code.

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

FRIDAY, THE 12th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
President Coolidge	53 203	709 10	6 23 21	97 21 8	099 97	67 4 30	7 4 709	..	0 00 77	1 23 33
Asia	53 225	637 18	7 24 20	98 03 2	008 82	72 5 xx	5 6 109	..	0 55 77	1 25 46

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	997 295 278	Misda											
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	823 182 102	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	Misda											
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT, $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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 ..	16 07	18 07	..	..	..	..	..	..	..	13 11	14 09	..	..	..	..	11 12	11 11	..	..	..	..	..	..	..	..	..
Chaklala ..							..	..	..					..	..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	23 14	24 12	25 06	10 06	07 13	07 14	..	..	..	23 21	24 24	24 25	23 25	..	..			..	..	..	..	..	..	..	..	..
Chittagong ..	18 11	19 13	19 12	19 05	20 05	13 05		..	..	16 13	16 20	16 16	..	..		18 14	18 11		..	..	..	..	..	..	..	..
Cox's Bazar ..	18 16	20 10	19 10	21 06	23 03	08 03	12 05	12 10	12 12	15 16	15 15	16 10	18 05	..	..	14 09	15 17	14 20	..	..	..	..	..	..	..	..
Dacca ..	15 07	16 12	16 10	19 10	20 12	..	..	..	..	14 15	17 19	..	..	..	..	13 10	14 11	14 16	13 18	13 18	..	..	..	..	..	..
Dalbandin ..	..	..	26 05	22 08	27 42	27 24	01 19	10 27	..	..	..	28 01	30 04	31 04	33 10	..	..	02 01	29 05	25 07	29 07	31 22	33 23	34 20	26 36	25 35
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	..	..	..	..	..	..	..	..	..	19 01	26 01	..	..	..	..	22 06	19 05	21 08	18 08	11 03	36 05	02 04
Fort Sandeman ..	..	..	..	21 12	24 12	24 12	24 10	29 08	27 25	..	..	..	21 05	29 07	31 03	..	..	..	25 01	31 04	35 05	22 07	24 10	25 18	24 38	24 37
Jacobabad ..	18 13	18 15	17 11	08 05	02 06	31 17	29 15	29 12	29 06	20 25	20 19	20 16	24 11	26 09	28 09	20 08	22 09	26 08	32 07	32 09	33 17	33 16	32 08	04 06	05 07	14 22
Jessore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	..	..	..	..	..	..	..	..	..	11 13	11 23	12 29	16 04	23 04	32 06	13 07	12 14	13 09	20 05	28 06	31 09	05 10	05 04	32 08	..	..
Jiwani ..	23 06	27 01	30 03	36 05	06 06	30 05	06 15	..	..	20 07	22 07	25 05	..	..	..	20 07	22 07	25 05	..	..	..	..	..	..	..	..
Karachi ..	25 17	25 16	25 13	..	..	..	..	..	..	26 18	26 14	..	..	..	..	28 06	28 06	28 06	..	..	..	..	..	..	..	..
Khanpur ..	21 05	22 07	27 06	03 03	02 06	29 08	32 09	31 08	29 04	23 27	24 32	25 31	27 22	29 16	31 10	24 10	25 12	25 13	26 15	29 10	26 07	20 09	27 12	24 11	23 14	21 08
Lahore ..	..	..	..	..	..	..	..	..	..	18 09	19 06	36 02	28 04	29 09	33 16	14 02	12 04	14 04	16 04	32 05	..	..	..	..	..	..
Multan ..	21 08	21 08	19 08	17 03	30 03	20 12	28 23	28 17	27 20	23 27	24 34	24 31	23 27	..	..	25 08	28 07	29 03	00 00	27 05	24 06	26 16	25 22	24 18	23 19	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	35 05	03 05	08 01	23 05	30 07	..	04 05	08 02	18 04	19 02	30 04	28 05	31 08	27 05	23 28	23 51
Peshawar ..	..	..	..	..	27 29	29 06	29 32	..	..	..	..	..	..	..	..	..	..	..	..	31 09	30 18	32 25	32 27	27 30	27 40	26 43
Quetta ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	13 07	12 09	11 08	15 05	16 05	21 06	..	..	..	14 09	18 14	18 14	..	..	..	12 04	17 04	17 06	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	Misda																	
Peshawar ..																		
Quetta ..																		

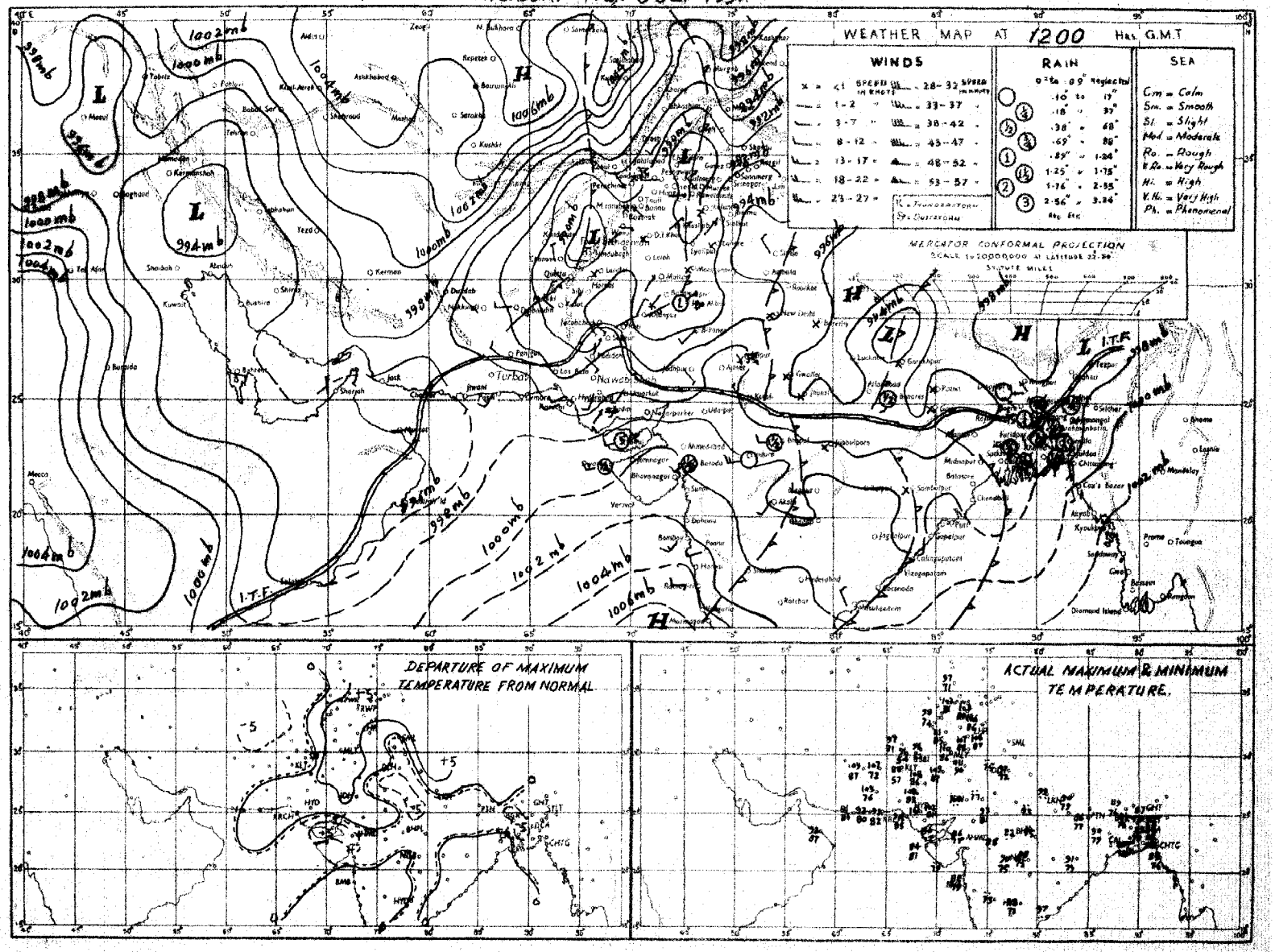
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

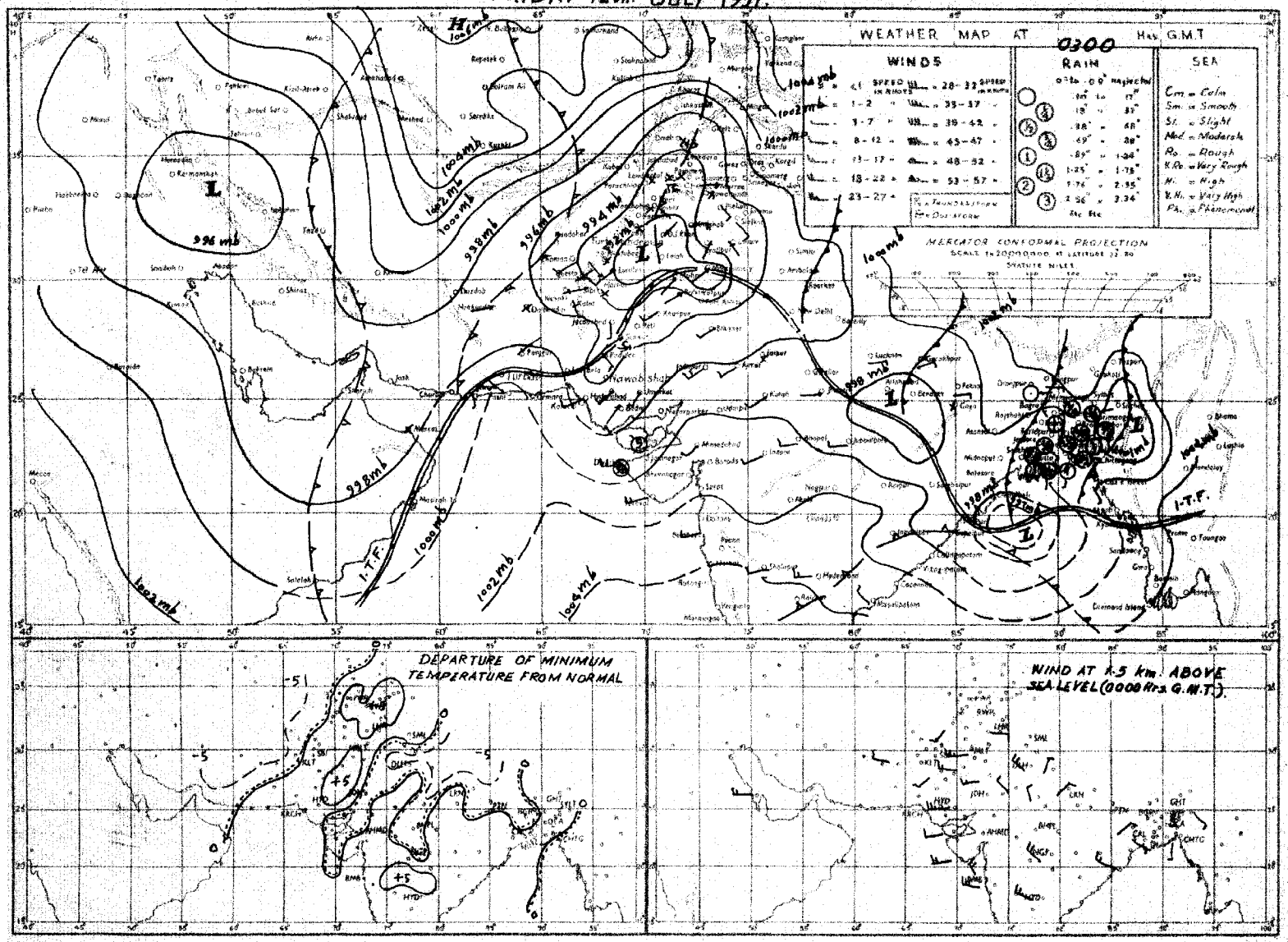
THURSDAY 11th JULY 1957



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 12th JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SATURDAY, THE 13th JULY, 1957

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

A low pressure wave is moving across extreme north of West Pakistan and has caused fairly widespread thunderstorm/showers in Lahore division, local in Rawalpindi and Peshawar divisions and scattered in D. I. Khan division.

The monsoon trough extends from east Uttar Pradesh across Orissa into the north-west Bay of Bengal.

Rainfall has been local in East Pakistan.

Chief amounts of rainfall are:—Sialkot 2"; Sylhet and Srimangal 1¼" each; Ch rat ¾"; Sirajganj and Lahore ½" each and Faridpur, Khulna, Dinajpur and Campbellpur ¼" each.

Day temperatures were 5-10°F above normal in Lahore, Rawalpindi, D. I. Khan, Multan and Bahawalpur divisions and 3-7°F so in Hyderabad division and the Federal Capital Area.

Forecast valid until the evening of 14th:—Fairly widespread rain/thundershowers will occur in East Pakistan, Peshawar, Rawalpindi and Lahore divisions and Kashmir. A few dust/thunderstorms are also likely in Multan, Bahawalpur, Khairpur and D. I. Khan divisions.

Karachi-11.
The 13th July, 1957.

OBSERVATIONS

ABDUL MAJID KHAN.
for Director. Meteorological Service.

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Maximum temperature °F.
		RRR	W_1	N	dd	ff	VV	ww	W	PPP	TT	N_h	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	004	9	6	16	07	96	02	6	989	83	2	5	7	7	8	79	88
	Chittagong	000	0	8	16	05	96	02	2	978	84	6	6	5	2	×	78	86
	Maijdee Court	000	9	7	13	02	96	03	2	980	85	2	4	6	2	×	76	86
	Comilla	000	0	7	18	03	98	03	1	027	85	7	4	5	0	0	76	89
	Brahmanbaria	000	0	4	18	02	97	03	2	992	84	4	5	3	0	0	78	88
	Sylhet	000	0	6	00	00	96	02	2	976	87	1	4	6	2	0	80	91
	Srimangal	003	5	7	00	00	97	60	6	984	84	7	8	6	0	2	77	91
Dacca	Mymensingh	060	0	4	09	02	98	02	2	978	88	4	2	4	0	0	81	89
	Narayanganj	004	5	8	18	03	94	03	6	976	87	6	4	4	2	×	77	89
	Dacca (Tejgaon)	006	5	7	18	03	98	02	6	969	85	3	8	4	0	1	79	88
	Faridpur	029	3	5	16	02	96	02	6	970	83	2	4	7	1	0	77	87
	Barisal	000	8	4	18	03	96	01	1	967	84	4	0	7	3	0	78	87
Rajshahi	Khulna	028	7	8	13	05	97	03	6	965	86	3	5	6	3	×	78	89
	Satkhira	009	0	4	13	02	97	01	1	965	86	2	3	7	7	0	77	87
	Jessore	000	0	4	09	05	97	02	2	967	86	4	4	6	0	0	81	89
	Sirajganj	061	8	6	00	00	96	00	6	963	84	2	1	6	0	1	80	97
	Bogra	005	8	4	13	02	96	01	6	973	84	4	4	6	0	0	81	87
	Dinajpur	000	0	7	09	05	96	02	2	978	66	5	5	7	1	0	78	89
	Rangpur	000	0	5	13	02	96	01	2	×××	87	4	4	6	2	0	79	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	7	23	23	94	95	2	903	99	7	3	7	×	×	70	09
	Sialkot	000	5	3	13	02	97	02	1	898	03	3	2	6	×	×	75	05
Rawalpindi	Jhelum	000	0	6	13	02	95	17	1	895	03	6	3	7	0	0	70	05
	Rawalpindi	000	0	6	27	02	98	03	2	904	93	6	5	6	3	0	66	04
	Khushab	000	0	0	11	10	98	00	0	891	99	0	0	9	0	0	71	10
Multan	Lyallpur	000	0	4	16	02	96	01	0	897	07	0	0	9	0	0	68	08
	Montgomery	000	0	0	00	00	95	05	0	889	07	0	0	9	0	0	71	08
	Multan	000	0	0	03	23	96	00	0	879	10	0	0	9	0	0	67	11
Bahawalpur	Leiah																	
	Khanpur	000	0	0	27	05	96	00	0	888	11	0	0	9	0	0	76	11
	Bahawalpur	000	0	0	23	02	97	00	0	897	08	0	0	9	0	0	64	08
	Fort Abbas																	
Peshawar	Chakdara	000	0	2	36	××	98	03	3	891	89	2	5	7	0	×	59	01
	Peshawar																	
	Haripur	000	0	6	23	02	97	02	2	870	01	6	5	6	×	×	55	03
	Campbellpur	000	0	8	18	10	97	50	1	890	99	8	3	6	×	×	66	99
D.I. Khan	Bannu	000	2	6	02	05	98	17	9	895	01	6	0	9	7	0	61	08
	D.I. Khan	000	6	3	00	00	98	03	0	872	12	0	0	9	0	3	65	14
Quetta	Sibi	000	0	0	00	00	98	00	0	974	17	0	0	9	0	0	49	18
Kalat	Nokkundi	000	0	0	29	02	98	02	0	892	11	0	0	9	0	0	48	12
	Turbat	000	0	0	00	00	97	00	0	×××	93	0	0	9	0	0	87	11
	Jiwani	000	0	0	18	02	96	02	0	959	87	0	0	9	0	0	77	89
	Pasni	000	0	0	23	16	96	00	0	975	89	0	0	9	0	0	78	91
	Ormara	000	0	0	××	05	98	00	0	954	90	0	0	9	0	0	83	90
	Las Bela	000	0	0	13	02	98	00	0	994	02	0	0	9	0	0	79	10
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	12	97	03	2	960	90	2	6	4	0	1	86	92
	Karachi (Air port)	000	0	7	25	12	96	03	2	943	89	7	5	5	0	0	84	93
	Badin	000	0	0	23	02	97	00	0	980	98	0	0	9	0	0	75	01
	Nagarparkar	×××	×	3	27	02	96	20	3	×××	××	3	4	9	1	2	××	××
	Umarkot	000	0	0	23	03	97	00	0	916	03	0	0	9	0	0	80	04
	Hyderabad	000	0	0	23	14	96	07	0	918	99	0	0	9	0	0	77	06
Khairpur	Padidan	000	0	0	13	02	98	02	0	896	13	0	0	9	0	0	60	13
	Nawabshah	000	0	0	18	03	97	02	0	905	11	0	0	9	0	0	78	12
	Sukkur	000	8	1	00	00	96	01	0	889	08	0	0	9	0	1	69	09
	Rohri																	
	Jacobabad	000	0	0	23	02	96	02	0	883	08	0	0	9	0	0	61	09
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	953	90	0	0	9	0	0	83	92
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Drus **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	3	16	11	98	01	1	055	65	3	1	9	0	0	32	71
	Aliabad *																	
	Gilgit *																	
	Murree *	000	0	5	29	07	97	02	1	398	75	3	3	3	8	0	64	74
Peshawar	Drosh *	000	0	3	23	07	96	03	1	325	92	3	2	7	0	0	47	98
	Chitral *	000	6	5	13	02	96	03	1	366	94	2	2	6	2	0	60	96
D.I. Khan	Kakul *	000	2	7	31	03	99	02	1	416	91	3	2	8	0	0	85	94
	Landi Kotal *	000	2	7	16	03	97	03	9	361	93	7	5	6	2	0	52	98
	Parachinar *	000	0	0	36	02	99	00	0	791	83	0	0	9	0	0	82	××
	Miranshah *	000	4	23	02	99	01	0	431	88	0	0	9	3	0	0	80	01
	Wana *																	
Quetta	Fort Sandeman *	000	0	3	05	02	97	01	0	373	98	3	2	6	0	0	67	01
	Hindubagh *	000	0	0	27	09	98	00	0	371	92	0	0	9	0	0	32	94
	Loralai *	000	0	0	00	00	98	00	0	501	94	0	0	9	0	0	30	96
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	29	05	97	03	0	366	91	0	1	8	0	0	77	92
	Chaman *	000	0	0	29	05	98	00	0	378	99	0	0	9	0	0	76	00
Kalat	Kalat *	000	0	0	30	04	98	00	0	391	84	0	0	9	0	0	54	88
	Nushki *	000	0	0	36	13	96	00	0	445	06	0	0	9	0	0	63	08
Afghanistan	Dalbandin *	000	0	4	31	05	96	03	0	393	09	2	1	7	3	0	38	09
	Pasigyr *																	
	Kabul *																	
	Kandahar *																	

DIVISIONS.	STATION	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum temperature °F.	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
		RRR	W_1	N	dd	ff	VV	ww	W	PPP	TT	N_h	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	004	9	5	16	07	96	02	1	020	87	1	1	7	6	1	76	79	+ 2	+ 2	56.4	+ 10.5	67.3	104
	Chittagong	000	0	4	18	05	97	01	2	019	85	2	2	6	1	0	76	79	0	+ 2	24.0	- 6.8	31.4	108
	Maijdee Court	000	6	5	16	02	96	03	2	025	85	2	1	6	2	×	76	80	0	+ 2	26.8	- 2.3	36.7	115
	Comilla	000	0	4	13	07	99	01	0	026	87	3	5	5	8	0	75	79	+ 1	+ 2	24.2	- 0.4	36.1	194
	Brahmanbaria	000	0	5	13	02	97	03	2	028	85	5	5	3	0	0	76	80	—	—	23.9	+ 5.0	41.7	78
	Sylhet	166	9	8	09	05	96	50	6	036	78	3	5	5	2	×	77	75	—	—	37.8	—	88.4	..
	Srimangal	142	9	7	00	00	97	02	6	038	80	5	1	7	3	1	77	75	+ 1	- 1	32.8	+ 7.9	59.5	98
Dacca	Mymensingh	000	0	8	09	02	98	02	2	034	82	8	4	4	×	×	79	80	+ 1	+ 2	29.0	+ 4.3	39.7	91
	Narayanganj	004	9	7	09	03	95	03	6	022	86	5	4	4	3	8	77	81	0	+ 2	25.4	+ 7.5	41.5	74
	Dacca (Tejgaon)	000	9	7	13	05	97	02	2	0 9	84	3	4	4	3	0	77	81	—	—	23.9	—	42.8	..
	Faridpur	029	9	8	16	02	96	03	0	018	84	6	5	6	1	0	78	77	- 1	- 1	18.6	+ 0.6	30.6	71
	Barisal	000	4	6	00	00	96	02	5	015	83	5	0	9	6	0	79	80	0	+ 1	17.1	- 4.4	24.2	81
Rajshahi	Khulna	028	0	8	13	05	97	03	2	011	87	8	5	5	×	×	79	79	+ 1	+ 1	17.7	- 0.9	25.7	68
	Satkhira	000	4	8	05	03	97	03	2	004	85	6	6	7	9	0	79	79	- 1	+ 1	12.1	- 5.9	17.9	65
	Jessore	000	7	7	18	07	97	03	2	007	84	5	4	6	6	0	80	79	—	—	21.1	+ 4.0	25.4	85
	Sirajganj	061	9	8	00	00	96	02	5	003	83	8	5	5	0	0	79	79	+ 11	+ 1	32.9	+ 15.6	43.8	64
	Bogra	005	0	4	09	02	97	01	1	017	85	4	1	6	0	0	79	79	- 2	0	32.4	+ 13.6	39.9	69
	Dinajpur	022	2	4	09	02	96	02	2	022	86	0	0	9	2	0	79	76	0	- 2	20.7	- 0.3	24.1	72
	Rangpur	085	0	6	09	02	96	01	2	×××	86	4	4	6	2	0	79	79	0	+ 1	23.5	- 0.4	34.3	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	042	9	2	11	07	96	03	9	976	82	1	5	7	4	0	73	78	+ 9	— 2	0.8	- 3.1	9.5	19
	Sialkot	215	9	6	05	05	98	02	6	978	79	6	5	6	×	×	77	73	+ 7	— 7	2.8	- 4.1	26.1	32
Rawalpindi	Jhelum	010	6	6	09	02	97	02	9	971	83	6	0	9	3	0	71	76	—	—	1.5	—	12.3	..
	Rawalpindi	000	9	4	00	00	99	01	9	966	90	4	2	6	0	0	69	78	+ 6	+ 1	1.7	- 3.3	17.7	36
	Khushab	000	0	1	09	07	98	02	2	966	88	1	0	9	6	0	73	81	+ 7	- 1	1.2	- 1.5	10.0	15
Multan	Lyallpur	000	0	0	02	05	95	05	4	956	86	0	0	9	0	0	74	85	+ 6	+ 3	0.8	- 1.7	7.0	12
	Montgomery	000	0	0	23	02	96	00	0	966	90	0	0	9	0	0	79	86	+ 5	+ 2	0.2	- 2.1	4.0	10
	Multan	000	0	0	18	02	96	06	0	935	88	0	0	9	0	0	75	84	+ 9	- 1	0.7	- 0.7	4.0	7
Bahawalpur	Leiah																							..
	Khanpur	000	0	0	23	05	96	00	1	949	78	2	1	7	×	×	79	87	+ 6	+ 4	0	- 1.3	1.0	6
	Bahawalpur	000	0	5	23	03	97	00	0	939	91	5	0	9	0	3	79	89	+ 5	+ 5	0.1	- 1.1	1.3	6
	Fort Abbas	000	0	0	23	03	97	00	0	943	97	0	0	9	0	0	77	88	—	—	0	—	2.9	8
Peshawar	Chakdara	000	0	2	00	00	97	02	0	949	78	2	1	7	×	×	64	60	—	—	0.8	—	15.7	..
	Peshawar	000	9	2	05	03	96	05	9	941	90	0	0	9	3	0	68	81	—	+ 1	0.1	- 0.7	11.1	14
	Haripur	016	0	3	23	02	97	02	1	949	85	3	0	0	3	0	62	77	—	—	1.3	—	15.4	..
	Campbellpur	018	9	0	23	05	98	00	6	965	87	0	0	0	0	0	68	81	—	—	0.5	—	15.9	..
D.I. Khan	Bannu	000	1	6	18	02	99	03	1	951	88	6	0	9	7	0	80	82	—	—	0.1	—	7.1	11
	D.I. Khan	000	2	3	05	02	97	01	1	937	87	0	0	9	0	3	75	84	+ 10	+ 1	1.0	- 0.6	6.5	10
Quetta	Sibi	000	0	0	00	00	99	00	0	944	93	0	0	9	0	0	73	92	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	02	02	98	02	0	937	99	0	0	9	0	0	54	86	—	—	0	—	1.9	2
	Turbat	000	0	0	24	01	98	00	0	994	××	0	0	9	0	0	81	84	—	—	2.5	—	5.9	..
	Jiwani	000	0	3	23	07	96	02	0	964	84	3	6	4	0	0	78	80	—	—	0	—	3.1	4
	Pasni	000	0	0	29	00	94	05	0	978	81	0	0	9	0	0	79	78	- 1	0	0	- 0.4	6.2	6
	Ormara	000	0	6	××	05	98	02	1	985	85	6	0	9	4	0	82	82	—	—	0	- 0.1	3.8	6
	Las Bela	000	0	0	00	00	98	00	0	995	89	0	0	9	0	0	75	84	1	—	1.0	—	2.1	9
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	27	12	95	03	2	953	86	7	6	4	0	0	82	82	+ 3	+ 1	0	- 1.8	0.5	8
	Karachi (Air port)	000	0	8	27	09	96	02	2	955	86	8	5	6	×	×	82	84	—	—	0	—	0.4	..
	Badin	000	0	0	23	02	96	00	0	974	87	0	0	9	0	0	75	××	+ 6	—	0	- 2.3	1.3	9
	Nagarparkar	×××	0	0	18	02	97	00	1	—	—	0	0	9	0	0	—	—	—	—	—	—	—	..
	Umarkot	000	0	0	23	03	97	00	0	936	95	0	0	9	0	0	78	81	—	—	2.6	—	2.6	..
	Hyderabad	000	0	2	20	12	96	07	2	941	87	2	5	6	0	0	75	82	+ 7	+ 1	0	- 1.5	1.8	..
Khairpur	Padidan	000	1	1	13	09	98	01	1	923	87	0	0	9	0	1	74	83	—	—	0	—	1.2	..
	Nawabshah	000	0	0	18	07	97	02	0	930	88	0	0	9	0	0	79	83	—	—	0.1	—	0.6	4
	Sukkur	000	0	0	23	02	96	00	0	929	85	0	0	9	0	0	77	83	—	—	0	—	2.8	..
	Rohri																							4
	Jacobabad	000	0	0	09	05	96	02	0	936	88	0	0	9	0	0	75	85	0	0	0	- 0.6	3.5	..
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	0	0	36	02	99	00	0	955	91	0	0	9	0	0	74	87	- 3	- 1	0	- 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							5
Kashmir	Srinagar *																							26
	Gulmarg **																							18
	Sonamarg **																							71
	Drus **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																		—					..
	Aliabad *																							..
	Gilgit *																							..
	Murree *	000	9	2	09	03	98	01	1	406	70	2	0	7	8	0	57	64	0	+ 5	5.4	- 3.3	39.3	59
Peshawar	Drosh *	000	0	0	00	06	98	00	1	388	77	0	0	9	0	0	52	70	2	- 3	0.6	—	22.7	18
	Chitral *	072	0	0	18	05	97	00	0	418	75	0	0	9	0	0	63	70	- 7	- 1	1.2	- 1.3	21.8	29
D.I. Khan	Kakul *	000	9	2	16	02	97	01	1	414	79	1	1	7	7	0	63	74	—	—	2.2	—	29.8	..
	Landi Kotal *	000	9	1	00	00	97	03	9	402	85	1	5	6	0	0	64	73	—	—	0.2	—	14.5	29
	Parachinar *	000	0	2	00	00	99	00	0	794	71	2	0	8	0	0	53	××	—	—	2.4	—	21.5	..
	Miranshah *	000	0	0	13	02	99	00	0	458	84	0	0	9	0	0	77	81	—	—	0.5	- 1.1	12.7	13
	Wana *																							11
Quetta	Fort Sandeman *	000	0	0	00	00	95	07	4	435	83	0	0	9	0	0	65	72	+ 1	- 3	0.8	- 0.7	11.3	11
	Hindubagh *	000	0	0	00	00	98	00	0	485	79	0	0	9	0	0	47	71	—	—	0	—	13.2	..
	Loralai *	000	0	0	00	00	98	00	0	463	76	0	0	9	0	0	36	65	—	—	1.6	—	10.4	..
	Harnai *	000	0	0	27	01	98	00	0	—	—	0	0	9	0	0	—	—	—	—	0.6	- 0.9	12.9	14
	Quetta *	000	0	0	00	00	96	00	0	394	71	0	0	9	0	0	60	56	—	—	0	- 0.2	9.5	9
	Chaman *	000	0	0	11	05	97	00	0	398	90	0	0	9	0	0	63	76	- 2	0	0	0	10.2	8
Kalat	Kalat *	000	0	0	20	03	98	00	0	411	75	0	0	9	0	0	54	60	- 3	- 2	0	- 0.5	8.4	..
	Nushki *	000	0	0	05	08	97	00	0	501	88	0	0	9	0	0	43	80	—	—	0	—	8.0	..
Afghanistan	Dalbandin *	000	9	4	00	00	96	03	0	385	85	4	0	9	7	0	42	80	0	+ 2	0	0	4.4	..
	Pasigyr *																							..
	Kabul *																							..
	Kandahar *																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SATURDAY, THE 13th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Asia	63 214	622 00	8 25 20	98 02 2	012 81	72 5 2x	5 6 303	..	0 53 77	1 23 46
Asia	63 205	606 06	7 26 24	98 02 2	028 82	72 5 xx	5 6 400	..	0 02 77	1 23 46
Kampala	63 223	653 06	8 24 15	98 02 2	003 84	84 4 xx	5 5 400	..	0 51 79	1 24 36
President Coolidge	63 231	679 06	8 25 20	97 25 8	986 82	87 4 3x	7 4 603	..	0 53 81	1 23 33
Teihomaru	63 228	612 06	4 20 18	95 02 0	010 82	26 5 22	3 6 210	..	0 04 77	..
Pendrecke	63 180	672 06	7 24 30	97 25 2	025 82	76 4 xx	7 5 xxx	..	0 00 77	1 24 57
Teihomaru	63 218	624 12	6 23 26	95 02 1	995 86	41 4 1x	3 6 810		0 06 79	..
Dara	63 237	590 12	3 09 05	97 02 0	957 88	36 x xx	1 5 610	8 3 7xx	0 02 82	..
Kampala	63 200	638 18	5 24 18	97 01 2	000 82	32 2 00	5 5 115	..		..
Asia	63 185	581 18	2 22 05	88 02 0	011 77	25 5 00	5 6 209	..	0 12 75	1 22 47
Dara	63 242	613 18	0 14 05	98 02 0	962 84	06 9 00	1 5 400	..	0 01 81	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface (PPP TTT $T_dT_dT_d$)	1000 mb (HHH TTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb (HHHTTT)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	993 295 282	451 002 525	Miada										
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	824 180 600	Miada											

STATION	Time of ascent in G. M. T.	At Significant Levels (PPP TTT $T_dT_dT_d$)								Max. Height Reached (PPP TTT $T_dT_dT_d$)	TROPOPAUSE: Sc. HHHH TT	TROPOPAUSE: St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	Miada											
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Miada											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of 9C.
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	12 13	..	..	..	..	..	..	..	..
Chaklala ..									
Chhor ..	20 13	22 17	21 15	15 04	05 08	01 12	02 08	29 04	30 04
Chittagong ..	17 13	18 20	17 29	17 32	15 30	..	..	..	..
Cox's Bazar ..	16 20	15 20	16 20	16 25	15 19	15 20	..	..	..
Dacca ..	15 12	15 20	15 21	15 19	15 23	15 20	13 12	10 13	08 16
Dalbandin ..	..	..	29 15	28 06	35 05	33 09	35 14	30 21	26 30
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	24 09	23 10	22 08	20 05	21 16	30 10
Fort Sandeman ..	..	..	..	06 04	36 03	26 05	30 05	27 23	26 22
Jacobabad ..	24 06	23 06	30 06	32 12	32 20	32 32	32 25	30 27	26 17
Jessore ..	..	..	..	..	..	..	..	..	..
Jhelum ..	10 04	11 04	14 05	15 08	26 02	26 03	31 10	31 18	..
Jiwani ..	28 08	27 08	29 12	30 09	30 06	27 03	11 06	15 03	..
Karachi ..	25 15	28 17	28 15	33 10	02 10	02 19	..	..	..
Khanpur ..	..	..	..	..	..	..	..	..	..
Lahore ..	09 04	12 04	13 03	12 04	16 03	..	..	..	..
Multan ..	20 08	20 11	21 13	21 16	25 08	30 07	36 04	30 21	26 27
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	30 11	30 10	31 05	28 17	27 17
Sharjah ..									
Sylhet ..	26 02	24 02	23 03	15 07	16 12	14 11	..	..	..
Veraval ..									

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	13 20	14 21	15 21	15 21	14 20	14 24
Chaklala ..						
Chhor ..	23 23	22 25	21 21	..	..	..
Chittagong ..	14 19	14 29	15 34	16 35	..	..
Cox's Bazar ..	14 17	15 26	16 27	16 25	16 25	..
Dacca ..	14 17	15 23	16 23	16 18	15 15	14 16
Dalbandin ..	..	..	..	..	..	..
D. I. Khan ..	..	..	..	..	..	..
Drosh ..	..	..	..	..	22 02	23 05
Fort Sandeman ..	..	..	..	14 06	25 06	20 11
Jacobabad ..	17 28	05 10	21 10	21 08	30 07	33 14
Jessore ..	..	..	..	..	..	..
Jhelum ..	10 09	12 24	13 17	17 18	19 11	32 07
Jiwani ..	25 12	26 18	28 15	27 15	..	..
Karachi ..	27 15	27 17	27 18	..	..	..
Khanpur ..	23 24	23 29	24 25	25 11	31 03	08 07
Lahore ..	08 19	10 27	11 21	17 17	19 12	21 11
Multan ..	24 18	26 17	25 20	26 14	..	..
Muscat ..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	22 04	15 05	11 03	07 05	27 07
Quetta ..	..	..	..	..	31 11	29 21
Sharjah ..						
Sylhet ..	No	ascent	..	..	..	..
Veraval ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	10 09	..	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	14 10	14 09	13 17	15 21	..	..	..	..	..	..	..
Cox's Bazar ..	12 17	15 17	15 16	15 29	16 30	15 24	..	..	..	..	..
Dacca ..	12 15	13 15	14 21	..	..	..	..	..	..	..	..
Dalbandin ..	..	..	10 04	13 02	21 04	30 05	34 07	31 07	32 24	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	25 07	22 08	21 17	21 18	22 13	21 16	18 16
Fort Sandeman ..	..	..	..	06 02	01 02	..	..	..	..	..	..
Jacobabad ..	14 02	19 02	14 06	09 03	05 07	36 03	35 07	25 09	25 09	25 06	..
Jessore ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	12 18	12 15	11 18	13 12	17 10	..	..	..	..	..	..
Jiwani ..	19 03	29 15	28 15	30 09	32 10	26 13	14 15	01 11	03 07	..	..
Karachi ..	26 21	28 17	29 21	..	..	..	..	..	..	..	..
Khanpur ..	24 04	27 04	28 04	36 02	04 01	11 04	04 12	24 19	24 12	20 13	..
Lahore ..	12 19	11 27	12 24	12 16	26 04	32 13	33 10	21 18	18 30	13 54	..
Multan ..	35 11	35 12	34 09	..	..	..	..	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	30 06	28 09	33 14	34 18	30 12	27 18	28 18
Sharjah ..											
Sylhet ..	06 03	12 01	20 03	19 10	14 06	17 06	17 12	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	Miada																	
Peshawar ..																		
Quetta ..																		

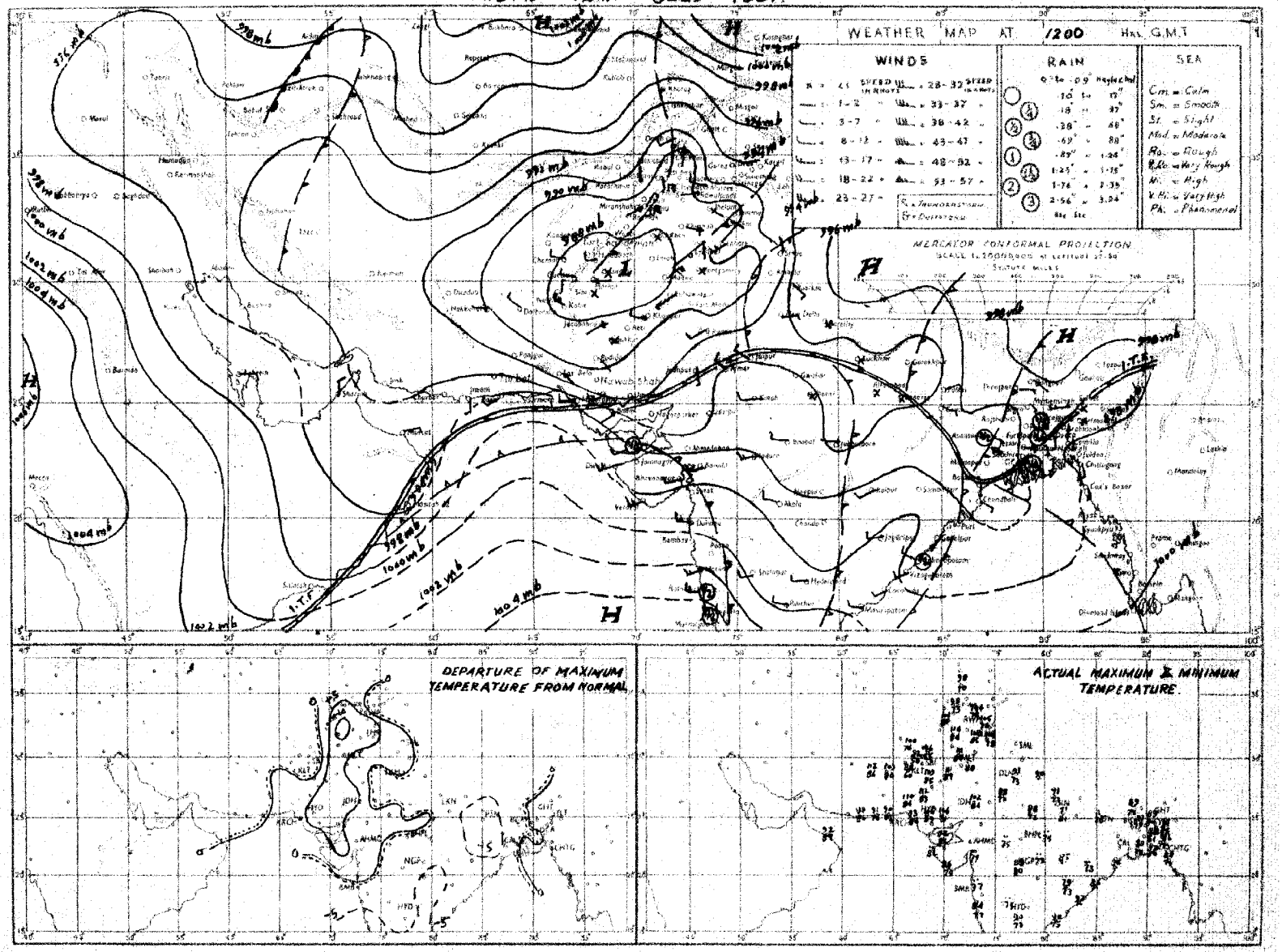
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_fv_f$ etc)

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.

PAKISTAN DAILY WEATHER MAP

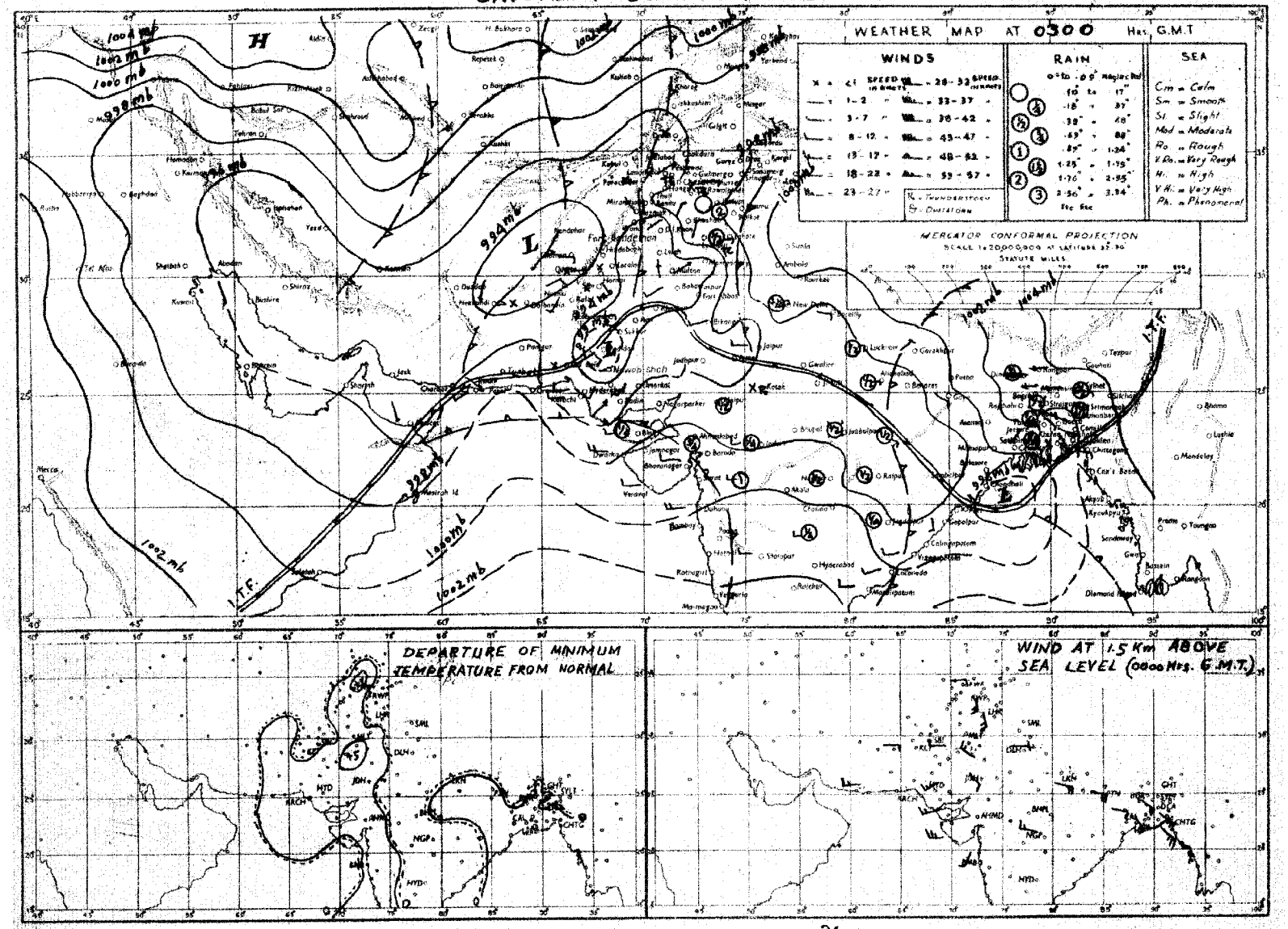
FRIDAY 12th. JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 13th JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SUNDAY, THE 14th JULY, 1957

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

Yesterday's low pressure wave is now moving across Rawalpindi division and Kashmir. It has caused fairly widespread thunderstorm/showers in Rawalpindi division, local in Peshawar division and scattered in Multan division. Scattered rain has also been reported from Quetta and Bahawalpur divisions.

A low lies over Madhya Pradesh. In its association monsoon air is pentrating into Lahore division.

Fairly widespread rain has occurred in Dacca division, local in Chittagong division and scattered in Rajshahi division.

Chief amounts of rainfall are:—Srimangal 1½"; Bahawalpur ½" and Barisal, Satkhira and Kakul ¼" each.

Day temperatures were 4-6°F above normal in Multan, Bahawalpur, Hyderabad and Chittagong divisions.

Forecast valid until the evening of 15th:—Fairly widespread rain will occur in East Pakistan and fairly widespread thunderstorm/showers in Lahore, Rawalpindi divisions and Kashmir. Scattered dust/thunderstorms are likely in Peshawar, Multan and Bahawalpur divisions.

Karachi-11.
The 14th July, 1957.

OBSERVATIONS

ABDUL MAJID KHAN,
for Director. Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATION (2)	Rainfall in Cents RRR (3)	Past weather commenced at † W_t (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud N_h (13)	Low Cloud form † C_L (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † C_M (16)	High Cloud form † C_H (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	6	18	10	96	01	1	998	85	2	4	8	0	4	79	92
	Chittagong	000	0	7	xx	xx	96	02	2	981	86	2	2	7	2	1	79	91
	Maijdee Court	000	9	4	13	02	97	01	1	985	88	0	0	9	2	1	77	89
	Comilla	000	0	3	00	00	99	01	0	032	91	3	5	5	0	0	78	92
	Brahmanbaria	000	0	2	00	00	97	01	2	987	88	0	0	9	0	9	80	92
	Sylhet	000	9	1	00	00	96	01	2	985	88	1	2	6	0	0	77	90
	Srimangal	000	0	2	00	00	97	01	1	988	88	1	1	7	0	1	79	91
Dacca	Mymensingh	000	0	2	09	02	98	01	2	989	88	2	2	6	0	0	78	89
	Narayanganj	000	9	8	18	03	95	01	2	983	89	1	0	9	3	8	76	91
	Dacca (Tezgaon)	000	9	3	13	03	98	02	1	978	87	1	2	5	0	1	76	89
	Faridpur	000	8	4	16	03	96	01	2	968	86	2	4	7	1	0	77	87
	Barisal	000	0	6	18	02	96	02	2	989	87	6	0	9	4	0	77	88
Rajshahi	Khulna	000	0	8	13	03	97	01	2	977	86	5	5	7	3	x	77	90
	Satkhira	028	4	7	00	00	96	03	6	978	82	5	9	6	9	0	80	89
	Jessore	000	0	3	09	09	97	02	2	987	86	3	4	6	0	0	79	89
	Sirajganj	000	0	3	00	00	96	02	0	977	86	2	1	7	0	1	79	89
	Bogra	000	0	0	13	02	96	00	0	982	86	0	0	9	0	0	81	89
	Dinajpur	000	8	3	09	02	9[illegible]	01	1	988	89	3	5	7	0	0	78	92
	Rangpur	000	0	5	13	09	96	02	1	xxx	89	5	4	6	0	0	76	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	3	5	13	07	96	03	2	942	96	2	8	7	0	8	74	98
	Sialkot	000	9	2	23	02	97	03	1	948	92	2	1	5	0	0	78	93
Rawalpindi	Jhelum	000	0	2	13	03	98	03	0	946	94	2	2	8	0	0	75	95
	Rawalpindi	000	0	4	16	05	99	03	1	935	94	4	2	7	0	0	68	97
	Khushab	000	0	3	07	05	98	03	0	933	99	3	1	6	0	0	75	01
Multan	Lyallpur	000	0	6	16	02	96	02	0	926	01	6	0	9	4	0	75	01
	Montgomery	000	0	0	23	07	96	00	0	935	02	0	0	9	0	0	79	04
	Multan	000	0	0	03	06	96	00	0	910	09	0	0	9	0	0	73	11
Bahawalpur	Leiah																	
	Khanpur	000	0	0	36	03	96	00	0	903	07	0	0	9	0	0	80	09
	Bahawalpur	000	0	0	00	00	96	06	0	901	03	0	0	9	0	0	83	08
	Fort Abbas	000	0	7	05	05	95	07	2	916	99	7	1	6	0	0	71	08
Peshawar	Chakdara	000	0	1	xx	xx	98	03	1	908	95	1	2	7	0	0	71	97
	Peshawar	000	0	7	05	03	96	17	9	912	99	5	9	6	0	1	69	01
	Haripur	000	0	5	13	02	97	02	2	917	99	5	1	6	0	0	61	04
	Campbellpur	000	0	4	13	03	97	03	1	928	99	4	2	6	0	0	82	90
D.I. Khan	Bannu	000	0	0	13	02	99	00	1	921	00	0	0	9	0	0	64	01
	D.I. Khan	000	0	0	05	02	98	00	0	936	02	0	0	9	0	0	73	05
Quetta	Sibi	000	0	0	18	02	99	00	0	896	15	0	0	9	0	0	48	16
Kalat	Nokkund	000	0	0	36	02	98	02	0	862	11	0	0	9	0	0	39	15
	Turbat	000	0	0	24	02	97	00	0	xxx	14	0	0	9	0	0	87	15
	Jiwani	000	0	0	18	12	97	02	0	xxx	xx	0	0	9	0	0	79	92
	Pasni	000	0	0	23	17	94	07	0	944	90	0	0	9	0	0	80	92
	Ormara	000	0	0	xx	xx	98	00	0	943	89	0	0	9	0	0	84	91
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	12	97	02	1	939	90	3	6	4	0	0	85	92
	Karachi (Air port)	000	0	1	25	12	96	06	1	928	91	1	6	5	0	0	77	93
	Badin	000	0	0	23	02	97	00	0	937	98	0	0	9	0	0	75	02
	Nagarparker																	
	Umarkot	000	0	0	23	03	97	00	0	907	02	0	0	9	0	0	76	04
	Hyderabad	000	0	8	28	12	96	07	0	903	01	0	0	9	0	5	75	05
Khairpur	Pad-i-dan	000	0	1	13	02	98	02	1	892	11	0	0	9	0	1	60	12
	Nawabshah																	
	Sukkur	000	0	0	00	00	96	00	0	893	11	0	0	9	0	0	73	12
	Reti																	
	Jacobabad	000	0	0	13	07	96	02	0	896	09	0	0	9	0	0	68	10
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	934	91	0	0	9	0	0	74	94
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	4	00	00	96	02	1	055	70	4	1	7	0	0	37	71
Rawalpindi	Aliabad *																	
	Gilgit *																	
	Murree *	006	3	7	13	03	97	17	6	404	70	7	9	3	0	0	54	76
Peshawar	Drosh *	001	4	4	23	02	96	17	9	360	87	4	9	7	0	0	49	97
	Cherat *	000	4	4	18	05	97	03	0	400	88	2	2	6	2	0	67	89
	Kakul *	019	2	8	11	02	99	17	9	408	74	8	7	7	x	x	61	88
D.I. Khan	Landi Kotal *	000	0	4	16	03	97	03	0	386	91	4	5	6	0	0	71	93
	Parachinar *	000	0	0	13	02	99	00	0	792	83	0	0	9	0	0	82	xx
	Miranshah *	000	0	4	23	02	99	01	0	435	87	4	0	9	2	0	80	95
	Wana *	000	0	0	09	01	96	02	0	381	82	0	0	9	0	0	61	xx
Quetta	Fort Sandeman *	000	0	6	23	05	95	07	4	393	93	6	0	9	2	0	65	00
	Hindubagh *	000	0	0	27	05	98	00	0	354	96	0	0	9	0	0	41	98
	Loralai *	000	0	0	00	00	98	00	0	496	96	0	0	9	0	0	36	96
	Harnai *	000	0	0	13	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	36	05	98	02	0	373	96	1	1	7	0	0	67	97
Kalat	Chaman *	000	0	0	02	05	96	00	0	369	00	0	0	9	0	0	72	02
	Kalat *	000	0	0	29	09	98	00	0	368	98	0	0	9	0	0	69	91
	Nushki *	000	0	0	36	09	96	00	0	436	08	0	0	9	0	0	35	09
	Dalbandin *	000	8	4	13	05	96	03	1	381	09	4	0	9	3	0	48	11
	Panjgur *																	
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS (1)	STATION (2)	Rainfall in Cents RRR (20)	Past weather commenced at † W_t (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud N_h (30)	Low Cloud form † C_L (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † C_M (33)	High Cloud form † C_H (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	9	5	16	10	96	01	6	027	86	3	4	8	0	6	76	78	+ 6	+ 1	56.4	+ 9.6	67.3	104
	Chittagong	003	0	3	11	09	97	01	1	025	85	1	1	7	1	2	76	80	+ 5	+ 3	24.0	- 5.9	31.4	108
	Maijdee Court	000	9	5	11	02	96	03	2	025	85	3	4	5	2	0	76	81	+ 3	+ 3	26.8	+ 1.8	36.7	115
	Comilla	000	0	4	00	00	99	01	0	017	88	2	5	6	6	0	77	79	+ 4	+ 1	24.2	- 5.6	36.1	194
	Brahmanbaria	000	0	4	13	02	97	03	2	029	86	4	5	3	0	0	77	80	—	—	23.9	- 4.6	41.7	78
	Sylhet	005	3	7	00	00	96	21	6	033	80	1	5	6	2	0	79	77	—	—	37.9	—	88.4	..
	Srimangal	130	5	7	00	00	97	02	6	037	83	7	8	6	0	0	77	75	+ 1	- 1	34.1	+ 8.7	60.8	98
Dacca	Mymensingh	000	0	8	09	02	98	02	2	035	85	8	4	5	x	x	78	78	+ 1	0	29.0	+ 3.8	39.7	91
	Narayanganj	004	2	7	09	05	95	03	6	026	87	6	4	4	3	0	78	83	+ 2	+ 4	25.4	+ 7.1	41.6	74
	Dacca (Tezgaon)	003	7	7	13	05	98	21	2	019	85	6	8	4	4	0	80	82	—	—	23.9	—	42.9	
	Faridpur	000	9	6	16	07	96	03	0	017	85	4	5	7	1	0	79	78	- 1	0	18.6	+ 0.2	30.6	71
	Barisal	018	6	4	09	01	96	01	6	015	83	4	4	6	0	0	70	80	+ 1	+ 1	17.3	- 4.7	24.4	81
Rajshahi	Khulna	000	0	8	13	05	97	01	2	010	88	8	5	7	x	x	73	80	+ 2	+ 2	17.7	- 1.4	25.7	68
	Satkhira	028	0	8	00	00	98	03	6	004	87	6	7	8	9	x	79	80	+ 1	+ 2	12.4	- 6.1	18.2	65
	Jessore	000	0	7	09	07	97	03	2	010	86	4	8	6	6	0	81	80	—	—	21.1	+ 3.7	25.4	65
	Sirajganj	000	0	2	09	02	96	02	0	012	84	0	0	9	0	1	78	80	+ 1	+ 2	32.9	+ 15.3	43.8	64
	Bogra	000	0	0	09	02	98	00	0	016	86	0	0	3	0	0	79	80	0	+ 1	32.4	+ 13.3	39.9	69
	Dinajpur	000	2	4	09	02	96	02	2	026	88	4	0	9	2	0	80	77	+ 3	- 1	20.7	- 0.7	24.1	72
	Rangpur	000	0	5	09	05	96	03	2	xxx	87	3	5	6	2	0	84	81	+ 1	+ 3	25.5	- 0.9	34.3	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	9	7	09	05	96	03	2	005	84	3	5	7	5	0	75	80	- 2	0	0.8	- 3.3	9.5	19
	Sialkot	000	6	8	13	03	97	03	2	014	83	8	7	5	x	x	77	77	- 5	- 4	2.8	- 4.3	26.1	32
Rawalpindi	Jhelum	004	5	7	00	00	97	03	9	016	86	1	1	8	7	0	74	71	—	—	1.5	—	12.3	..
	Rawalpindi	000	2	6	00	00	98	20	5	012	82	6	3	6	0	0	76	80	- 1	+ 3	1.7	- 3.6	17.7	36
	Khushab	000	0	6	09	05	98	02	9	011	84	1	3	6	7	0	75	79	- 2	+ 3	1.2	- 1.5	10.0	16
Multan	Lyallpur	000	0	7	34	02	96	92	0	016	83	7	7	8	0	0	76	82	- 1	0	0.8	- 1.7	7.0	12
	Montgomery	000	0	8	23	03	96	03	1	973	82	3	3	8	1	x	78	81	+ 1	- 3	0.2	- 2.1	4.0	10
	Multan	000	0	0	05	03	95	05	0	986	79	0	0	9	0	0	78	72	+ 9	- 13	0.7	- 0.7	4.0	7
Bahawalpur	Leiah																							
	Khanpur	000	0	4	05	09	94	07	1	975	93	0	0	9	0	0	79	87	+ 4	+ 4	0	- 1.3	1.0	6
	Bahawalpur	057	3	6	16	03	96	03	6	992	84	6	0	8	9	0	75	77	+ 5	+ 7	0.6	- 0.5	1.9	6
	Fort Abbas	000	0	4	05	12	97	03	2	985	90	4	2	6	0	0	79	86	—	—	0	—	2.9	8
Peshawar	Chakdara	000	0	6	xx	xx	97	03	9	991	76	6	7	7	0	0	65	60	—	—	0.8	—	15.7	..
	Peshawar	000	9	5	23	04	97	03	9	000	84	3	1	6	3	0	69	78	- 1	—	0.1	—	11.1	14
	Haripur	014	0	8	36	02	97	02	2	006	82	8	0	9	7	x	69	76	—	—	1.4	—	15.3	..
	Campbellpur	000	0	6	13	03	98	03	1	001	84	6	3	6	0	0	72	80	—	—	0.5	—	15.9	..
D.I. Khan	Bannu	000	3	6	00	00	99	01	2	009	34	6	0	9	4	0	71	79	—	—	0.1	—	7.1	11
	D.I. Khan	000	3	3	00	00	97	01	1	004	79	0	0	9	0	3	75	71	+ 1	- 12	1.0	- 0.6	6.5	10
Quetta	Sibi	000	0	0	00	00	99	00	0	953	99	0	0	9	0	0	64	98	—	—	0.3	—	5.3	5
Kalat	Nokkund	000	0	0	34	05	98	02	0	908	01	0	0	9	0	0	46	87	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	98	00	0	997	94	0	0	9	0	0	80	88	—	—	2.5	—	5.9	..
	Jiwani	000	4	6	23	02	96	03	1	960	83	4	6	4	0	6	80	80	—	—	0	—	3.1	4
	Pasni	000	0	4	16	05	94	05	0	984	83	4	5	7	0	0	81	81	0	+ 3	0	- 0.5	6.2	6
	Ormara	000	0	7	xx	xx	98	02	1	979	85	7	0	9	2	0	82	82	—	—	0	- 0.2	3.8	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	23	09	96	03	2	965	85	2	6	4	7	x	84	83	+ 3	+ 3	0	- 2.0	0.5	8
	Karachi (Air port)	000	0	8	25	05	96	02	2	964	86	8	5	6	x	x	79	85	—	—	0	—	0.4	9
	Badin																		+ 7					..
	Nagarparker																							
	Umarkot	000	0	0	23	01	97	00	0	939	55	0	0	9	0	0	78	83	—	—	0	—	6.2	..
	Hyderabad	000	0	3	20	05	97	01	2	956	87	0	0	9	0	5	79	83	+ 6	+ 2	0	- 1.6	1.8	..
Khairpur	Pad-i-dan	000	0	1	13	02	98	02	1	951	88	0	0	9	0	1	77	84	—	—	0	—	1.2	..
	Nawabshah	000	0	2	18	05	97	02	0	954	88	0	0	9	0	2	78	84	—	—	0.1	—	0.6	4
	Sukkur	000	9	3	00	00	96	02	1	955	91	3	0	9	1	0	78	85	—	—	0	—	2.8	..
	Reti																							
	Jacobabad	000	0	7	09	09	96	03	1	964	97	0	0	9	0	7	78	91	+ 1	+ 6	0	- 0.6	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	0	0	00	00	99	00	0	955	87	0	0	9	0	0	65	87	- 1	- 1	0	- 0.1	6.9	4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							..
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																		—	—				..
Rawalpindi	Aliabad *																							..
	Gilgit *																							
	Murree *	010	9	9	23	03	92	49	9	455	63	9	x	0	x	x	61	61	+ 2	+ 2	5.5	+ 2.7	39.4	59
Peshawar	Drosh *	001	9	0	00	00	96	02	9	408	81	0	0	9	0	0	50	69	+ 1	- 4	0.6	—	22.7	18
	Cherat *	000	3	4	18	03	97	01	2	408	72	4	0	9	8	0	67	71	0	0	1.2	- 1.6	21.9	29
	Kakul *	019	4	6	16	03	98	03	9	451	76	3	4	7	6	0	65	69	—	—	2.4	—	30.0	..
D.I. Khan	Landi Kotal *	000	0	3	02	02	97	03	0	435	82	3	0	9	5	0	72	73	—	—	0.2	—	14.5	..
	Parachinar *	000	0	2	00	00	99	02	0	794	69	2	4	8	0	0	61	xx	x	x	2.4	—	21.5	29
	Miranshah *	000	0	6	00	00	98	02	2	478	80	4	0	8	3	2	76	79	—	—	0.5	—	12.7	13
	Wana *																							11
Quetta	Fort Sandeman *	000	0	4	23	02	96	02	0	436	78	4	0	9	2	0	67	74	0	- 1	0.8	- 0.7	11.3	11
	Hindubagh *	000	0	0	00	00	98	00	0	431	78	0	0	9	0	0	56	70	—	—	0	—	12.3	..
	Loralai *	000	0	0	05	05	98	00	0	432	80	0	0	9	0	0	67	71	—	—	1.6	—	10.4	..
	Harnai *	000	0	0	31	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	x	x	0.6	- 1.0	12.9	14
	Quetta *	000	0	0	13	02	96	00	0	405	83	0	0	9	0	0	72	71	—	—	0	- 0.2	9.5	9
Kalat	Chaman *	000	0	0	20	07	97	00	0	416	89	0	0	9	0	0	xx	80	0	+ 4	0	- 0.1	10.2	8
	Kalat *	000	0	0	02	03	98	00	0	427	71	0	0	9	0	0	39	58	0	- 4	0	- 0.5	8.4	..
	Nushki *	000	0	0	09	10	97	00	0	485	91	0	0	9	0	0	46	86	—	—	0	—	8.0	..
	Dalbandin *	000	9	7	31	02	95	05	1	388	91	7	0	9	5	0	55	86	+ 2	+ 8	0	0	4.4	4
	Panjgur *																							
Afghanistan	Kabul *																							
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SUNDAY, THE 14th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_uL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	O T_sT_s T_dT_d	$Idw\,dw\,P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Escort	73 239	609 06	0 18 15	97 02 0	966 81	00 9 00	3 3 205	..	0 51 78	1 18 46
Pendrecht	73 210	633 06	8 26 33	97 03 2	981 84	83 4 ××	7 4 ×××	..	0 01 77	1 25 57
Talhounaru	73 189	662 06	7 27 26	95 03 2	030 86	57 4 50	3 6 305	..	0 04 79	..
Egidia	73 215	626 12	7 34 24	97 02 2	968 80	45 3 10	1 5 712	..	0 00 77	1 24 ×5
Talhounaru	73 179	674 12	8 26 24	95 02 2	025 86	78 4 1×	3 6 400	..	0 06 77	..
British Escort	73 235	618 12	2 19 20	97 02 1	940 83	23 4 00	3 3 710	..	0 52 79	1 18 46
Sindhana	73 239	671 18	7 24 13	98 02 2	965 84	43 6 50	4 5 223	..	0 00 79	1 24 32
Egidia	73 225	638 18	8 23 24	97 02 1	969 81	75 4 04	1 5 400	..	0 52 77	1 23 ×5
Dara	73 249	648 18	8 27 05	98 02 0	952 84	83 3 ××	2 5 220	..	0 02 82	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$									HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	994 302 282	Missda											
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..														

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached: PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	Missda											
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..													

PPP-Pressure in hundreds tens and units of millibars.
TTT : $T_dT_dT_d$: Dry Bulb : Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bagra ..	12 10	13 14	13 15	14 19	14 21	15 30	..	..	..
Chaklala ..									
Chhor ..	23 12	24 10	22 06	09 11	06 12	05 13	36 14	33 05	31 04
Chittagong ..	22 06	18 08	15 10	15 22	16 25	16 26	..	..	..
Cox's Bazar ..	16 18	15 23	13 17	14 22	15 23	15 17	..	..	..
Dacca ..	15 08	16 11	16 19	15 23	14 21	14 22	15 18	14 15	24 12
Dalbandin ..	..	..	22 06	03 06	14 07	21 04	31 06	29 10	30 16
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	03 03	22 06	19 10	25 09	34 16	35 22
Port Sandeman ..	..	..	..	08 13	07 15	04 12	..	..	..
Jacobabad ..	14 12	16 11	12 12	12 09	10 05	03 08	34 13	34 17	34 15
Jessore ..	..	..	..	..	..	..	..	..	..
Jhelum ..	13 10	12 12	12 11	14 10	12 09	09 07	33 11	31 19	30 23
Jiwani ..	26 17	28 12	28 17	28 17	27 15	23 15	17 15	36 04	33 10
Karachi ..	25 15	23 12	23 11	02 14	03 14	36 23	01 25	01 31	02 27
Khanpur ..	01 02	01 02	35 01	20 04	35 03	02 13	22 06	26 10	30 05
Lahore ..	13 07	12 20	12 10	12 10	10 05	02 09	..	..	..
Multan ..	01 06	01 07	36 10	33 12	33 15	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	06 10	05 09	09 08	14 10	15 18	01 08	32 19	32 23
Quetta ..	..	..	..	..	31 14	32 06	02 07	..	..
Sharjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	34 03	34 04	12 02	18 14	15 10	16 12	18 09	16 03	15 08
Veraval ..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bagra ..	12 23	13 17	14 17	15 21	15 23	..
Chaklala ..						
Chhor ..	24 22	24 37	23 35	36 04	03 17	02 19
Chittagong ..	14 17	14 23				
Cox's Bazar ..	14 21	15 22	15 21	15 20	16 18	15 17
Dacca ..	13 11	15 15	17 19			
Dalbandin ..	..	..	31 10	13 19	12 11	14 05
D. I. Khan ..	..	..	..			
Drosh ..	..	..	..	..	27 01	36 01
Port Sandeman ..	..	..	..	04 01	05 06	21 06
Jacobabad ..	21 04	09 07	09 10	06 02	34 05	33 02
Jessore ..						
Jhelum ..	28 02	12 08	13 13	15 16	13 11	06 08
Jiwani ..	26 14	28 22	28 27	28 15	28 20	24 11
Karachi ..	27 10	28 09	..			
Khanpur ..	12 03	14 07	36 05	03 07	09 14	01 06
Lahore ..	11 11	14 17	15 19	14 13	18 14	03 04
Multan ..	10 12	06 08	06 08	04 11	02 13	36 18
Muscat ..	..	..	..		..	..
Panjgur ..	..	..	..		..	..
Peshawar ..	..	32 06	20 01	16 07	16 08	25 08
Quetta ..	..	..	..	..	20 11	21 11
Sharjah ..						..
Sylhet ..	26 17	22 14	24 15	23 05	25 06	..
Veraval ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bagra ..	12 15	13 19	13 19	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..											
Chittagong ..	14 07	14 12	14 13								
Cox's Bazar ..	16 15	15 17	15 25	15 25	..	..	..	..	..	..	..
Dacca ..	14 13	14 23	14 30	16 14	15 19						
Dalbandin ..	..	..	17 06	16 09	16 07	20 08	15 06	10 05	12 05	12 09	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..		23 07	23 05	21 08	21 09	18 03	01 17	31 10
Port Sandeman ..				29 03	02 04	03 06	35 16	34 18	34 15	..	..
Jacobabad ..	09 27	09 31	09 30	..	..	..	..	..	..	..	..
Jessore ..										..	..
Jhelum ..	13 17	13 17	13 13	14 03	21 04	..	..	..	..	..	..
Jiwani ..	24 07	27 08	31 10	31 11	29 10	22 10	16 18	13 24	07 14	05 13	..
Karachi ..	27 10	28 09	..	..	..	..	..	..	..	..	..
Khanpur ..						..	..	..	..	..	..
Lahore ..	09 08	10 10	12 13	12 10	24 07						
Multan ..	02 16	04 19	05 22	04 17	03 13	02 25	..	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	22 03	09 06	33 08	29 03	27 05	26 09	25 15
Sharjah ..											..
Sylhet ..	05 02	32 03	33 05	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	Missda																	
Peshawar ..																		
Quetta ..																		

The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_fv_fv_f$ etc)

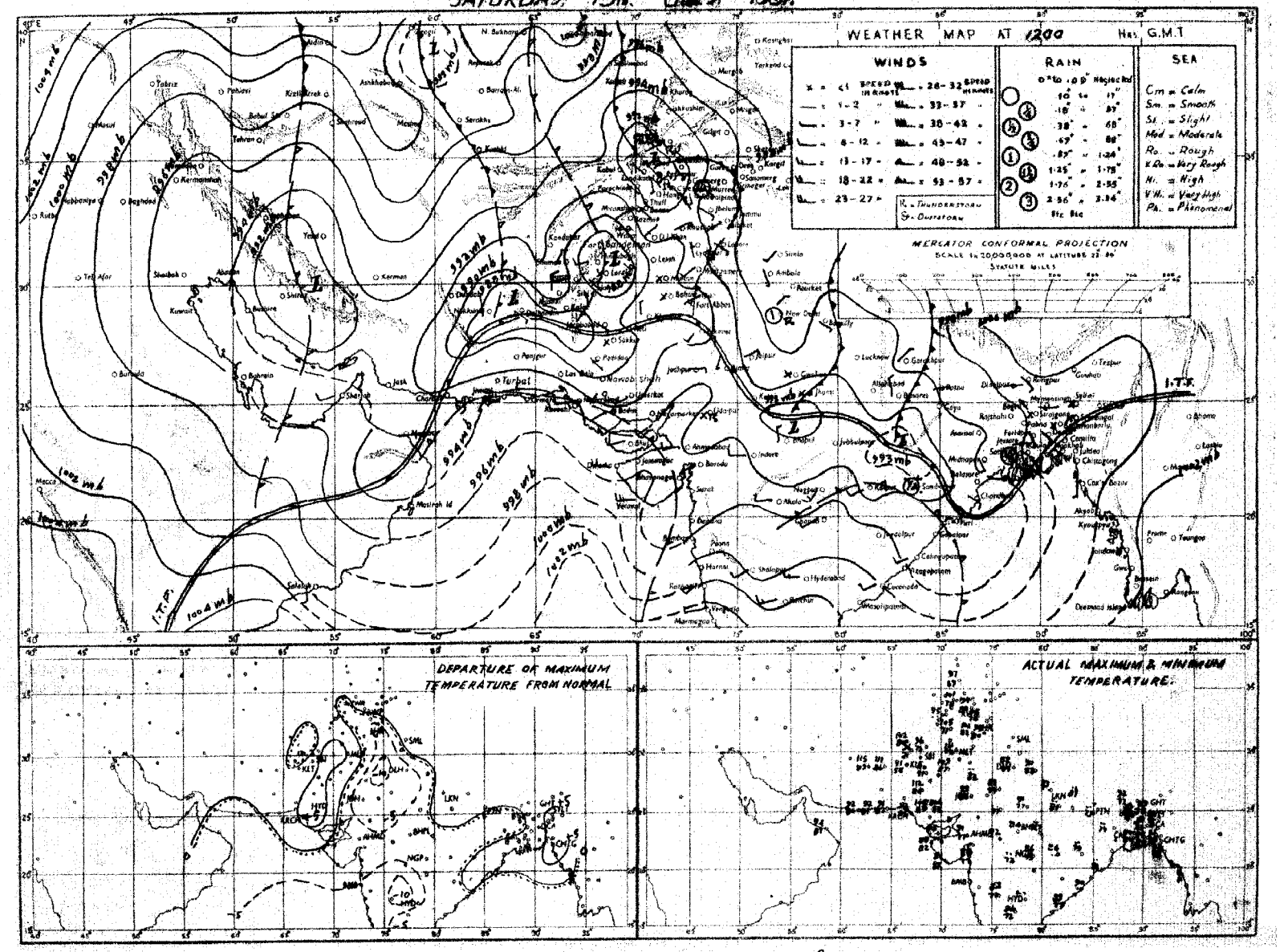
12712 32911

05712 31211
06675 30328

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.

PAKISTAN DAILY WEATHER MAP

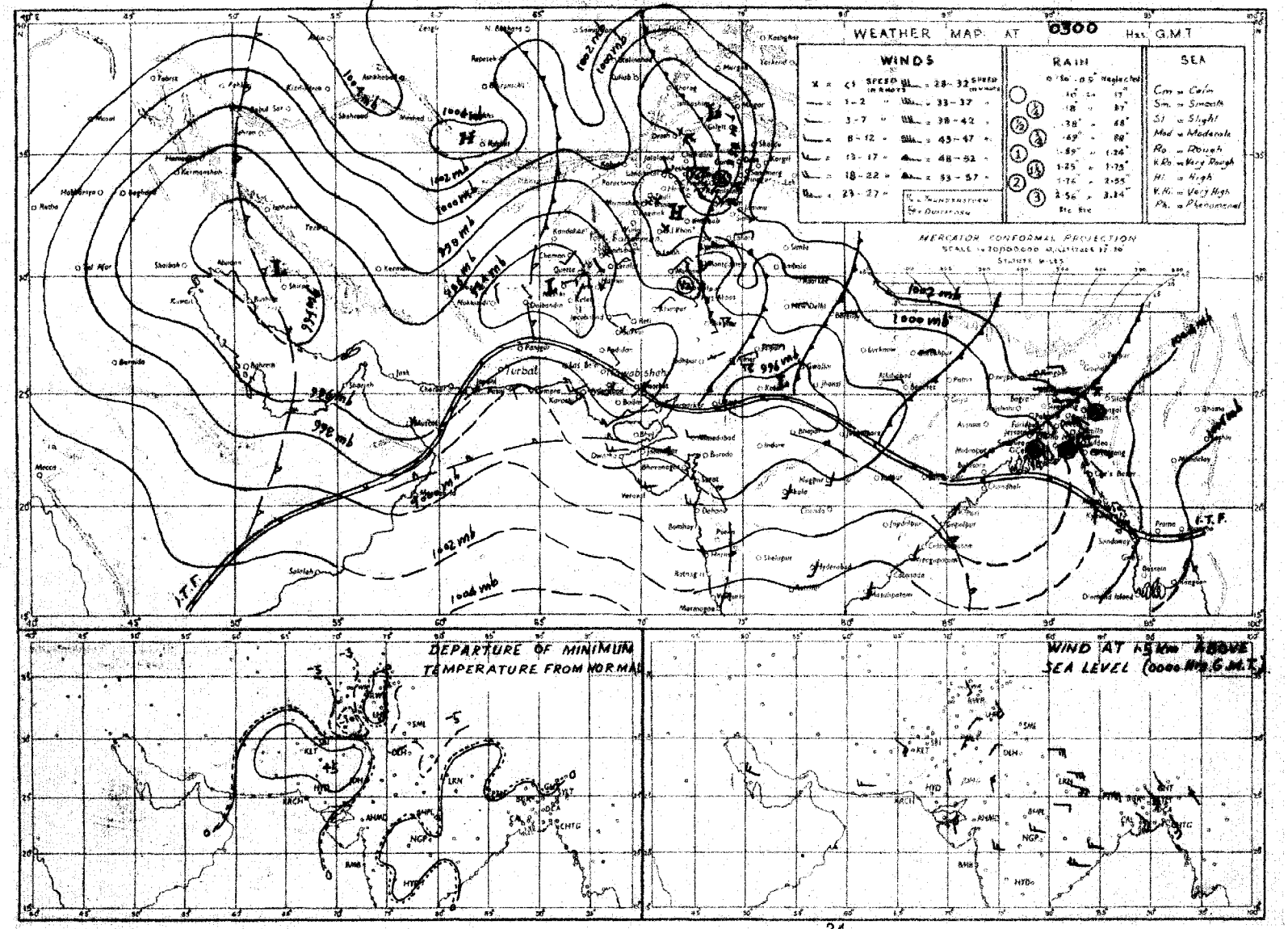
SATURDAY 13th JULY 1957



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 14th JULY 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

MONDAY, THE 15th JULY, 1957

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

The low pressure wave over Rawalpindi division and Kashmir has moved away eastwards after causing scattered rain in D. I. Khan, Multan and Bahawalpur divisions and scattered thunderstorms in Peshawar division.

A fresh low pressure wave is moving across extreme north of West Pakistan.

The low over Madhya Pradesh has moved westnorthwestwards and now lies as a depression at 0300 G. M. T. today within one degree latitude 24°N and longitude 71°E. It is likely to move further westnorthwestwards and weaken. In its association Arabian Sea branch of Monsoon is penetrating upto five thousand feet into Hyderabad, Khairpur, Bahawalpur, Multan and Lahore divisions. Local thundershowers have been reported from Hyderabad division and the Federal Capital Area and scattered dust/thunderstorms from Khairpur division.

Fairly widespread rain has occurred in Chittagong division and scattered elsewhere in East Pakistan.

Chief amounts of rainfall are:—Cox's Bazar and Lyallpur 2" each; Maijdee Court, Bahawalpur and Karachi (Airport) ½" each; Brahmanbaria, Khulna, and Hyderabad ¼" each.

Day temperatures were generally 3-9°F below normal in Bahawalpur, Multan, Lahore, Rawalpindi, D. I. Khan divisions and 5-12°F above normal in Hyderabad division and 2-4°F so elsewhere over the country.

Forecast valid until the evening of 16th:—Fairly widespread rain/thundershowers will occur in Hyderabad, Khairpur, Bahawalpur, Multan, Lahore, South Kalat divisions and the Federal Capital Area; Local in north Kalat, Quetta, Rawalpindi divisions and East Pakistan and scattered in D. I. Khan and Peshawar divisions and Kashmir.

Heavy rainfall warning:—Locally moderate to heavy rain likely in Hyderabad, Khairpur, Bahawalpur and Multan divisions and the Federal Capital Area.

ABDUL MAJID KHAN.
for Director. Meteorological Service.

Summary of Monsoon Forecast June to September 1957. (Issued on 15th July 1957)
The Monsoon rainfall during June to September 1957 will be moderately above normal.

Karachi-11.
The 15th July, 1957.

S. N. NAQVI.
Director, Meteorolgical Service.

OBSERVATIONS

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wx	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Sea level pressure (mb.s and cents)* W PPP	Dry Bulb Temperature° TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F. TdTd	Maximum temperature °F. TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	5	16	07	96	03	0	006	83	3	3	7	7	2	76	89
	Chittagong	000	0	4	20	09	96	01	5	994	84	2	2	7	7	2	78	90
	Maijdee Court	000	9	5	13	02	96	03	0	993	84	3	5	5	2	×	78	88
	Comilla	000	0	3	18	03	99	03	0	990	87	3	4	5	0	0	78	92
	Brahmanbaria	024	4	4	00	00	97	03	6	988	84	4	4	3	0	0	78	93
	Sylhet	000	0	2	00	00	97	02	2	981	88	1	1	6	7	1	78	90
	Srimangal	000	0	2	00	00	97	01	1	987	89	1	1	7	0	1	79	91
Dacca	Mymensingh	000	0	4	00	00	99	02	2	988	88	4	4	6	0	0	80	91
	Narayanganj	000	9	6	16	03	95	03	2	981	88	1	1	7	3	8	78	91
	Dacca (Tezgaon)	000	9	5	18	03	97	02	1	978	86	1	2	6	3	2	77	89
	Faridpur	000	8	4	16	05	96	01	1	979	85	2	4	8	1	8	78	89
	Barisal	000	2	6	00	00	95	03	2	985	85	5	7	9	0	0	78	88
Rajshahi	Khulna	000	0	6	13	03	97	01	2	979	86	3	5	7	3	0	79	90
	Satkhira	000	0	5	00	00	97	03	0	976	87	4	5	7	9	0	79	89
	Jessore	008	7	6	18	05	97	02	6	972	87	6	4	6	0	0	81	89
	Sirajganj	000	2	5	13	02	96	03	0	975	87	2	1	6	0	0	79	89
	Bogra	000	0	0	00	00	96	00	0	980	88	0	0	9	0	0	80	91
	Dinajpur	000	2	6	00	00	96	01	5	986	89	2	5	7	0	9	79	93
	Rangpur	000	0	4	18	02	96	01	2	×××	89	2	5	6	2	0	79	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	2	6	09	09	96	03	5	980	89	6	0	9	7	0	75	91
	Sialkot	000	9	5	13	02	97	01	2	982	89	2	1	6	4	×	75	91
Rawalpindi	Jhelum	000	9	2	13	05	98	02	1	981	91	2	1	7	0	0	72	93
	Rawalpindi	000	0	2	23	05	××	××	×	962	93	2	2	7	0	0	69	96
	Khushab	000	0	3	09	07	99	03	0	974	95	3	2	6	0	0	73	97
Multan	Lyallpur	000	0	6	13	02	96	02	0	973	91	0	0	9	4	0	77	92
	Montgomery	000	0	3	05	07	96	01	0	964	93	3	5	8	0	0	79	96
	Multan	000	0	1	36	05	96	00	0	962	95	1	0	9	0	0	81	95
Bahawalpur	Leiah																	
	Khanpur	000	0	0	36	09	94	07	0	936	01	0	0	9	0	0	83	04
	Bahawalpur	041	0	7	07	02	96	24	0	971	85	7	5	8	0	0	81	99
	Fort Abbas	000	0	6	05	07	96	01	2	948	94	6	1	6	0	0	70	97
Peshawar	Chakdara	000	0	1	09	××	96	01	2	931	93	1	2	7	0	×	70	94
	Peshawar	000	0	3	07	02	98	02	0	941	99	2	3	6	3	1	69	99
	Haripur																	
	Campbellpur	000	0	3	13	05	98	03	1	956	99	3	1	6	0	0	69	00
D. I. Khan	Bannu	000	3	4	13	02	99	00	1	954	97	4	0	9	0	3	70	99
	D.I. Khan	000	0	0	00	00	98	00	0	961	97	0	0	9	0	0	70	98
Quetta Kalat	Sibi	000	0	0	23	01	99	00	0	919	10	0	0	9	0	0	83	13
	Nokkundi	000	0	0	34	02	98	02	0	873	12	0	0	9	0	0	31	15
	Turbat	000	0	0	27	03	97	00	0	×××	××	0	0	9	0	0	85	××
	Jiwani	000	0	4	20	09	96	03	1	950	89	0	0	9	0	1	79	90
	Pasni	000	0	4	20	17	94	07	0	152	89	4	5	7	0	0	79	92
	Ormara	000	0	7	××	07	98	02	1	962	88	7	0	9	2	1	83	90
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	12	97	02	1	940	89	2	6	4	0	1	86	91
	Karachi (Airport)	000	0	4	25	10	96	01	1	936	91	1	0	9	0	1	78	97
	Badin	000	0	0	23	02	97	00	0	934	03	0	0	9	0	0	78	06
	Nagarparkar	×××	×	9	18	02	97	20	4	×××	××	9	4	9	4	3	××	××
	Umarkot	000	0	0	23	01	97	00	0	922	05	0	0	9	0	0	77	06
	Hyderabad	000	0	5	00	00	97	03	0	918	08	0	0	9	7	0	70	11
Khairpur	Padidan	000	0	3	05	05	97	03	1	917	10	3	4	7	0	0	66	11
	Nawabshah																	
	Sukkur	000	6	2	05	05	96	02	3	925	04	0	0	9	0	5	70	05
	Reti																	
	Jacobabad	000	0	2	09	18	95	05	0	936	06	0	0	9	0	2	68	09
Junagarh Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	949	92	0	0	9	0	0	81	01
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	7	23	03	96	02	4	427	68	7	9	3	0	0	64	69
	Drosh	000	0	5	23	07	95	03	1	346	93	2	2	7	0	0	51	97
	Chitral	000	7	3	18	05	97	01	1	420	87	2	2	6	7	0	77	88
	Kakul	000	5	5	20	03	99	03	5	426	84	3	4	7	3	0	66	84
	Landi Kotal	000	0	3	20	03	97	03	0	408	90	3	5	6	0	0	61	90
D. I. Khan	Parachinar	000	0	5	13	02	99	00	0	792	84	5	0	8	0	0	82	××
	Miranshah																	
	Wana																	
Quetta	Fort Sandeman	000	0	5	13	07	95	02	3	391	88	5	3	7	0	0	66	90
	Hindubagh	000	0	6	23	05	96	03	0	405	93	6	0	9	7	0	68	01
	Loralai	000	0	6	09	02	98	03	1	389	90	0	0	9	0	4	60	94
	Marmal	000	1	8	23	05	98	50	2	446	98	0	0	9	4	0	61	91
	Quetta	000	0	5	13	01	98	00	0	×××	××	0	0	9	0	0	××	××
Kalat	Chamen	000	0	6	23	03	96	01	1	384	88	4	5	8	8	9	77	95
	Kalat	000	0	0	04	05	96	00	0	389	90	0	0	9	0	0	72	04
	Nushki	000	0	0	04	05	98	00	0	395	86	0	0	9	0	0	67	92
	Dalbandin	000	0	5	31	09	96	00	0	458	09	0	0	9	0	0	42	10
Afghanistan	Panjgur	000	3	5	13	05	95	05	2	392	09	5	0	9	7	0	53	11
	Kabul																	
	Kandahar	000	0	6	14	02	96	03	0	476	81	6	6	7	0	0	67	84

DIVISIONS.	STATION	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wx	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mb.s and cents)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F. TdTd	Minimum temperature °F. TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June 1957 to date 39	Departure from normal 40	Since 1st January 1957 to date 41	Annual normal 42
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	189	9	7	16	05	96	02	6	024	82	7	5	7	7	0	79	77	+ 3	0	58.3	+ 0.6	69.1	104
	Chittagong	000	0	5	13	09	97	20	2	022	82	5	4	5	0	0	77	79	+ 4	+ 2	24.0	- 8.1	31.4	108
	Maijdee Court	045	8	7	16	02	96	03	6	001	84	3	5	5	2	×	79	80	+ 2	+ 2	27.3	- 3.2	37.2	115
	Comilla	000	0	8	18	07	××	××	×	018	85	8	4	5	×	×	78	81	+ 4	+ 4	24.2	- 1.2	36.1	196
	Brahmanbaria	024	0	5	18	02	97	03	2	017	85	5	4	3	0	0	78	80	—	—	24.1	+ 4.5	41.9	78
	Sylhet																							
	Srimangal	000	0	4	18	02	97	02	1	022	86	3	8	7	0	1	76	78	+ 1	+ 2	34.1	+ 8.3	60.8	98
Dacca	Mymensingh	000	0	6	09	02	98	02	0	019	85	6	7	5	0	0	78	80	+ 3	+ 2	29.0	+ 3.3	39.7	91
	Narayanganj	000	9	8	16	03	95	03	2	013	87	8	4	4	×	×	79	83	+ 2	+ 4	25.4	+ 6.7	41.6	74
	Dacca (Tezgaon)	000	9	7	13	05	98	02	2	008	86	7	8	4	0	0	79	81	—	—	23.9	—	42.9	..
	Faridpur	000	9	7	16	02	96	03	0	998	85	6	5	7	1	0	79	78	+ 1	+ 1	18.6	+ 0.1	30.6	71
	Barisal	008	9	6	00	00	95	03	5	054	85	6	6	9	0	0	79	80	+ 1	+ 1	17.4	- 5.1	24.4	81
Rajshahi	Khulna	022	9	7	13	03	97	01	5	006	88	7	4	6	0	0	80	81	+ 2	+ 3	17.9	- 1.7	25.8	68
	Satkhira	000	0	6	00	00	99	03	2	002	87	4	5	9	9	0	80	81	+ 1	+ 3	12.4	- 6.5	18.2	65
	Jessore																		—	—				65
	Sirajganj	010	0	8	00	00	95	50	2	018	83	8	7	0	0	0	80	81	+ 1	+ 3	33.0	+ 15.1	43.9	64
	Bogra	000	0	6	00	00	97	02	1	006	85	4	4	6	3	0	81	81	+ 2	+ 2	32.4	+ 13.0	39.9	69
	Dinajpur	000	0	4	00	00	96	01	0	005	82	0	0	9	4	0	78	73	+ 4	- 5	20.7	- 1.1	24.1	72
	Rangpur	000	0	6	13	05	96	01	2	×××	85	5	4	6	2	0	79	81	+ 3	+ 3	25.5	- 1.4	34.3	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	6	4	00	00	96	01	2	996	89	2	4	7	3	0	77	81	- 9	+ 1	0.8	- 3.4	9.5	19
	Sialkot	000	6	1	05	02	98	01	1	989	88	0	0	9	0	3	78	81	- 7	+ 1	2.8	- 4.6	26.1	32
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	994	89	0	0	9	0	0	75	80	—	—	1.5	—	12.3	..
	Rawalpindi	000	0	0	00	00	99	00	1	988	88	0	0	9	0	0	73	80	- 2	+ 3	1.7	- 3.8	17.7	36
	Khushab	000	0	1	11	02	99	01	1	001	89	0	0	9	0	4	74	81	- 1	- 1	1.2	- 1.7	10.0	15
Multan	Lyallpur	212	9	6	05	02	96	02	6	001	86	0	0	9	0	5	76	75	- 10	- 7	2.9	+ 0.3	9.1	12
	Montgomery	000	0	6	23	03	96	03	1	941	86	1	0	9	7	0	79	81	- 7	- 3	0.2	- 2.2	4.0	10
	Multan	000	0	3	20	02	96	01	1	994	85	1	1	8	1	0	79	76	- 7	- 7	0.7	- 0.7	4.0	7
Bahawalpur	Leiah																							..
	Khanpur	000	0	1	05	05	95	07	1	981	90	0	0	9	3	0	79	84	- 1	+ 1	0	- 1.3	1.0	6
	Bahawalpur	041	0	7	00	00	97	03	0	991	86	0	2	7	0	0	80	81	- 4	+ 3	1.0	- 0.2	2.3	6
	Fort Abbas	000	0	4	05	05	97	02	2	979	89	4	4	6	0	0	79	80	—	—	1.1	—	4.1	8
Peshawar	Chakdara	000	0	0	00	00	98	00	0	983	71	0	0	9	0	0	64	62	—	—	0.8	—	15.7	..
	Peshawar	000	0	1	07	02	98	01	0	985	87	1	1	7	0	0	63	81	- 3	+ 1	0.1	- 0.8	11.1	14
	Haripur	000	0	5	23	02	97	02	2	976	91	5	0	9	6	×	62	74	—	—	1.4	—	15.5	..
	Campbellpur	000	0	2	13	03	98	01	1	995	89	2	0	8	5	0	74	83	—	—	0.5	—	15.9	..
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	995	87	0	0	9	0	0	71	80	—	—	0.1	—	7.1	11
	D.I. Khan	000	0	0	00	00	97	00	0	988	87	0	0	9	0	0	79	79	- 6	- 4	1.0	- 0.7	6.5	10
Quetta Kalat	Sibi	000	2	4	00	00	99	01	1	985	95	0	0	9	3	0	68	95	—	—	0.3	—	5.3	5
	Nokkundi	000	0	0	07	02	99	02	1	948	94	0	0	9	0	0	62	88	—	—	0	—	1.9	2
	Turbat	85	××																—	—				..
	Jiwani	000	2	8	16	03	96	02	0	988	85	2	6	4	3	6	78	79	—	—	0	—	3.1	4
	Pasni	000	0	6	23	02	94	05	0	965	84	6	5	7	0	0	80	82	0	+ 4	0	- 0.5	6.2	6
	Ormara	000	0	7	××	03	98	02	1	006	86	7	0	9	2	0	82	82	—	—	0	- 0.2	3.8	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	045	8	8	34	05	95	03	6	985	84	2	7	5	7	0	83	79	+ 2	- 2	0.5	- 1.7	0.9	8
	Karachi (Airport)	065	8	8	27	10	97	02	9	982	86	3	5	5	7	×	80	80	—	—	0.7	—	1.1	..
	Badin																		+ 11					9
	Nagarparkar																		—					..
	Umarkot	000	0	0	00	00	97	00	0	964	89	0	0	9	0	0	79	83	—	—	0	—	6.2	..
	Hyderabad	020	9	8	31	03	97	03	9	960	93	3	5	6	7	×	77	80	+ 12	+ 7	0.2	- 1.4	2.0	..
Khairpur	Padidan	000	0	7	05	05	98	03	1	967	95	7	0	9	7	0	75	87	—	—	0	—	1.2	..
	Nawabshah	000	9	5	36	03	97	03	9	980	93	4	0	9	8	8	77	88	—	—	0.1	—	0.6	..
	Sukkur	000	9	7	07	03	94	04	1	981	88	7	0	9	4	0	77	87	—	—	0	—	2.8	4
	Reti																							..
	Jacobabad	000	0	4	18	03	95	05	1	989	94	4	0	9	4	0	76	91	0	+ 6	0	- 0.7	3.5	4
Junagarh Afghanistan	Veraval																							20
	Jalalabad																							..
Arabia	Muscat	000	0	0	09	02	99	00	0	965	92	0	0	9	0	0	74	79	0	- 0.1			6.9	4
	Kuwait																							..
	HILL STATIONS																							5
Kashmir	Srinagar																							26
	Gulmarg																							..
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							..
	Aliabad																							..
	Gilgit																							..
Rawalpindi	Murree	438	67	4	5	2	0	0	1	438	67	4	5	2	0	0	61	61	+ 5	—	5.5	- 4.0	39.4	59
	Drosh	408	77	4	0	9	0	0	0	408	77	4	0	9	0	0	68	72	—	—	0.6	—	22.7	18
	Chitral	438	76	0	0	9	0	0	0	438	76	0	0	9	0	0	69	72	—	—	1.2	- 1.9	21.9	29
	Kakul	443	78	2	2	7	0	0	3	443	78	2	2	7	0	0	67	72	—	—	2.4	—	30.0	..
	Landi Kotal	433	84	0	0	9	0	0	0	433	84	0	0	9	0	0	81	75	—	—	0.2	—	14.5	..
D. I. Khan	Parachinar	433	75	0	0	9	0	0	0	433	75	0	0	9	0	0	61	××	×	—	2.4	—	21.5	29
	Miranshah	796	70	0	0	9	0	0	0	796	70	0	0	9	0	0	54	79		—	0.5	- 1.2	12.7	13
	Wana	445	83	2	4	7	0	0	4	445	83	2	4	7	0	0	54	66		—	0.2	—	12.3	11
Quetta	Fort Sandeman	419	75	0	0	9	0	0	0	419	75	0	0	9	0	0	66	68	—	—	0.8	- 0.8	11.3	11
	Hindubagh	447	80	0	0	9	0	0	0	447	80	0	0	9	0	0	67	74	+ 1	- 1	0	—	12.3	..
	Loralai	440	76	0	0	9	0	0	0	440	76	0	0	9	0	0	55	65	—	—	1.6	—	10.4	..
	Marmal	433	75	0	0	9	0	0	0	433	75	0	0	9	0	0	66	68	—	—	0.6	- 1.1	12.9	14
	Quetta	×××	××	0	0	9	0	0	0	×××	××	0	0	9	0	0	××	××	×	—	0	- 0.2	9.5	9
Kalat	Chamen	427	77	0	0	8	5	0	0	427	77	0	0	8	5	0	71	70	—	—	0	- 0.1	10.2	8
	Kalat	421	89	0	0	9	0	0	0	421	89	0	0	9	0	0	78	83	+ 2	+ 7	0	- 0.5	8.4	..
	Nushki	444	73	0	0	9	0	0	0	444	73	0	0	9	0	0	66	66	+ 1	+ 4	0	—	8.8	..
	Dalbandin	512	90	0	0	9	0	0	0	512	90	0	0	9	0	0	66	80	—	—	0	—	4.4	4
Afghanistan	Panjgur	413	92	7	0	9	7	0	0	413	92	7	0	9	7	0	59	89	+ 2	+ 11	0	0		
	Kabul																							
	Kandahar																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

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WEATHER BUREAU

PAKISTAN DAILY WEATHER REPORT

MONDAY, THE 15th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Escort	13 224	645 06	8 21 13	96 02 0	099 92	66 3 1x	3 3 005	..	0 03 78	1 21 46
Esso Cambridge	13 218	597 06	8 23 18	95 10 4	969 73	9x 0 xx	1 6 105	..	0 00 70	1 24 79
Sirdhana	13 214	682 06	8 24 15	98 02 2	979 84	57 5 xx	3 5 113	..	0 52 79	1 24 43
Victoria	13 212	621 06	9 21 21	97 01 2	990 81	36 5 08	1 6 400	..	0 00 79	1 21 x6
Jalavijaya	13 203	612 06	7 23 18	97 02 2	990 82	71 5 00	1 5 xxx	..	..	..
Sirdhana	13 204	689 12	8 24 15	97 21 5	975 02	87 5 xx	3 5 400	..	0 52 79	..
Jalavijaya	13 213	623 12	7 23 18	97 02 2	985 84	71 5 40	1 5 xxx	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	994 288 272	..	445 252 132	..	107 002 328	..	..	..	..	..	..	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..														

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 265 178	800 298 912	614 075 999	..	..	..	..	..	..	..	614 075 999	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..													

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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 ..	14 17	14 17	15 19	16 17	16 13	15 13	..	..		14 14	15 15	15 11	..	..	..	12 12	12 13	15 11	..	..	..	..	..	..	..	..
Chaklala ..		13 15	14 15	14 09	33 01		..	..	..					..	..	..		..	..	..	..	..	..	..	..	..
Chhor ..	21 12	23 10	23 07	36 09	02 21	02 31	02 47	02 47	03 41	16 08	04 07	07 09	05 18	..	..				..	..	..	..	..	..	..	..
Chittagong ..	18 24	18 23	17 20	16 28	51 33		..	..	..	15 21	16 27	16 41		..		18 23	19 25	19 21		..	..	..	..	..	..	..
Cox's Bazar	18 17	18 18	17 16	17 17	16 19					No	ascent					18 19	20 24	19 20	19 21	..	..	..	..	..	..	..
Dacca ..	15 15	15 17	15 19	15 19	14 16	13 11	16 04	10 06	..	15 15	16 13	16 10	17 11	17 12	19 11	15 10	16 15			..	..	..	..	..	..	..
Dalbandin	..		21 08	22 06	23 05	24 09	24 17	26 18	..	..	..	19 10	21 11	27 09	01 15	..	..	26 01	31 03	23 03	01 08	02 14	05 11	11 07	08 09	..
D. I. Khan	..	..	..					..	..	..	..	..				..	..	..	..	..	..	..	..	..	..	..
Drosh		..	..	23 08	22 12	23 15	24 15	..	..	..	..			14 01	18 02	..	..	..		23 06	21 04	20 05	23 04	07 04	24 15	..
Port Sandeman	..	..		11 11	23 09	20 35	18 28	..		..		..	04 03	01 05	01 09				08 02	04 03	02 12	34 20	32 04	24 12	27 11	24 15
Jacobabad ..	10 15	10 17	10 17	09 07	..	..	..	..	..	10 19	08 21	07 17	04 15	..	..	10 04	05 05	05 07	02 11	01 10	..	..	..	..	..	..
Jessore ..																										
Jhelum ..	12 09	12 15	12 10	09 13	07 11	08 09	05 05	35 08	30 08	02 01	18 02	16 04	12 03	09 02	05 07	20 07	22 07	22 06	22 05	16 06	10 12	07 05	03 04	..	..	..
Jiwani ..	25 06	28 06	27 05	27 07	28 04	23 05	13 13	16 12	..	27 04	31 13	30 19	30 17	28 09	..	18 07	19 05	31 16	..	..	..	..	..	..	..	..
Karachi ..	27 14	33 10	02 13	01 13	02 07	02 18	02 20	04 17	09 19	29 21	30 19	33 12	..	..	..	28 11				..	..	..	..	..	..	..
Khanpur ..	02 23	03 36	04 43	04 30	09 13	15 22	..	..	..	05 14	05 21	03 28	04 29	06 27	..	02 15	05 13	04 20	04 25	03 15	02 23	..	..	..	..	..
Lahore ..	10 28	09 20	11 18	11 17	07 13	05 12	09 05	..	..	06 10	08 06	16 10	15 05	14 06	..	14 12	15 21	14 10	13 08	..	..	..	..	..	..	..
Multan ..	02 15	03 18	04 18	06 20	07 23	02 24	01 32	..	..	07 19	06 15	04 14	02 31	01 33	..	04 07	05 08	06 07	09 06	..	..	..	..	..	..	..
Muscat ..	..			..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..					..	..	..	..	..						..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	13 15	14 15	14 09	33 01		..	..	..	..	31 05	27 02	25 04	12 01	32 06	..	..	..	..							
Quetta ..	..	..		..	20 12	15 01	36 10	..	..	..	..	..	..	26 12	27 09	..	..	..	..	26 04	34 08	34 13	23 06	19 03	35 05	27 01
Sharjah ..																										
Sylhet ..	29 03	26 03	23 04	18 09	17 09	18 09	21 09	19 04	20 06	16 08	17 12	17 11	..	..	..	18 03	18 07	16 05	16 09	17 11	20 10	23 08	..	..	..	..
Veraval ..													..	..	..											

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. a. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 39	26 41	27 42	36 31	06 21	03 21												
Peshawar ..																		
Quetta ..																		

The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_Fv_F$ etc)

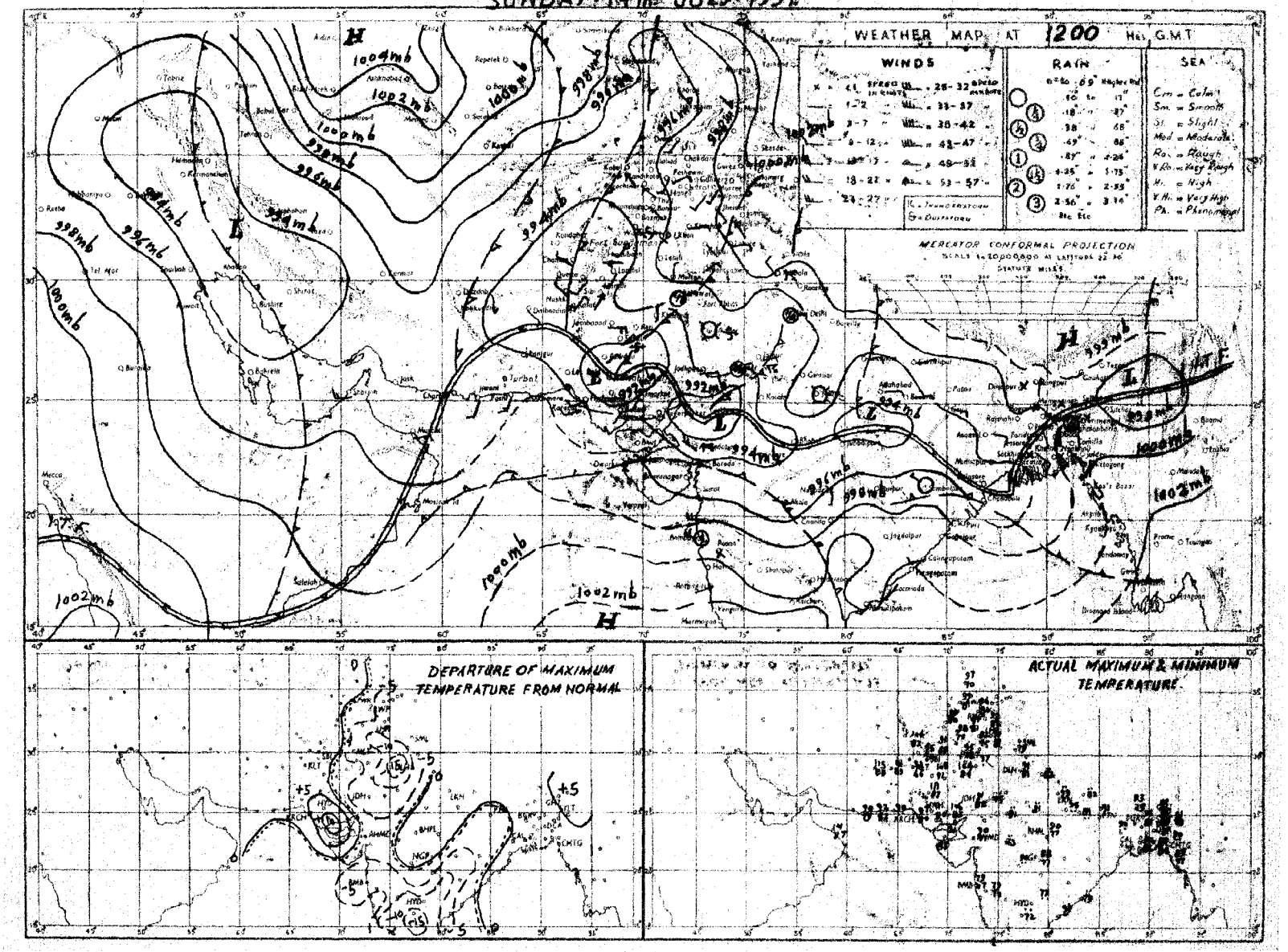
12712 32618
11640 30710

06481 303kx

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.

PAKISTAN DAILY WEATHER MAP

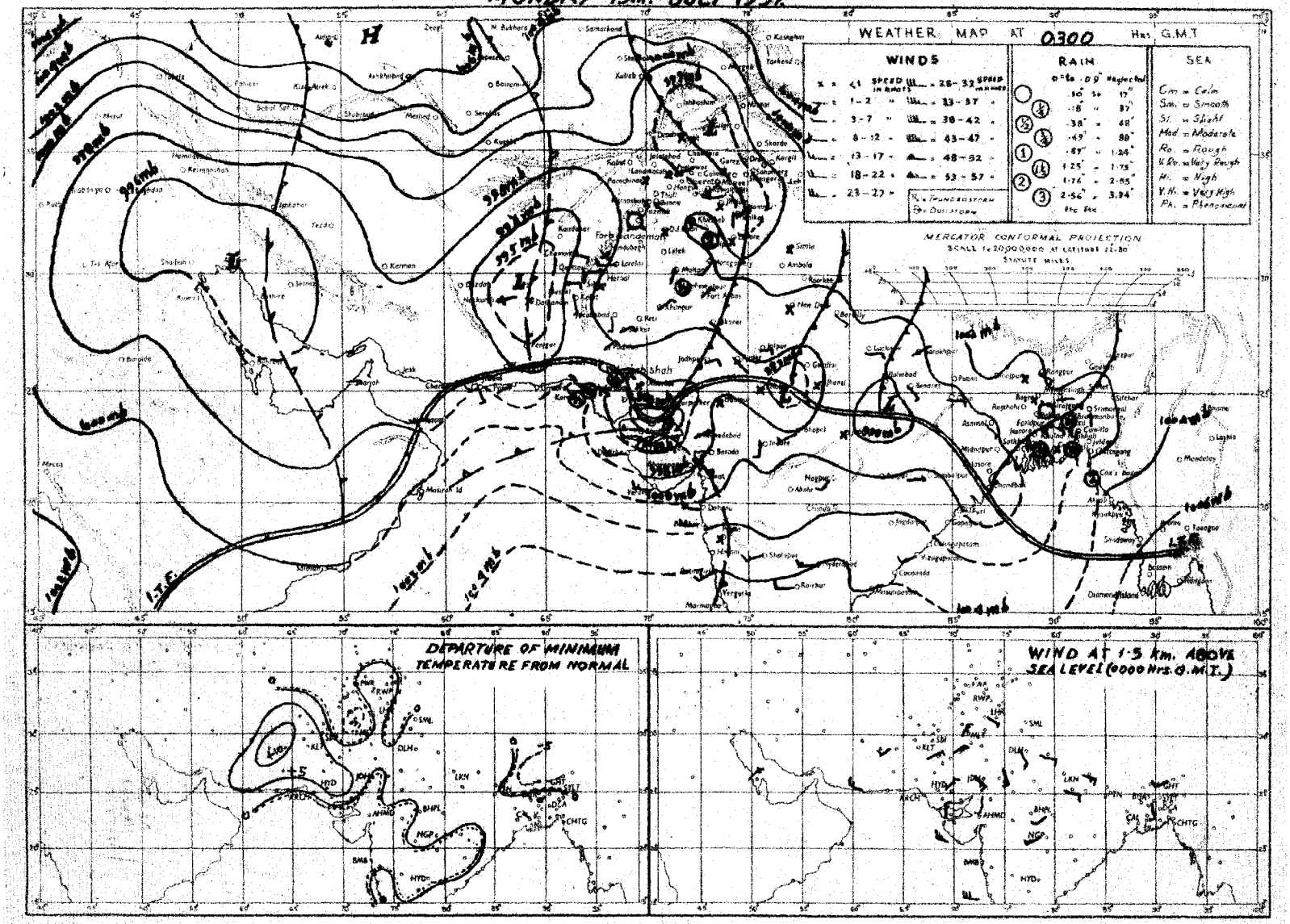
SUNDAY 14th JULY 1957



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

PAKISTAN DAILY WEATHER MAP

MONDAY 15th: JULY 1952



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

TUESDAY, THE 16th JULY, 1957

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

The low pressure wave over extreme north of West Pakistan is now moving across Kashmir and Rawalpindi division and has caused scattered light rain in Rawalpindi division.

Yesterday's depression has weakened and lies this morning as a trough of low over Khairpur division and adjoining areas. It has caused scattered rain over Hyderabad division.

Rainfall has been fairly widespread in Chittagong division and scattered in Dacca division.

Chief amounts of rainfall are:—Maijdee Court, Sylhet, Barisal and Chittagong ½" each; Cox's Bazar, Comilla, Srimangal and Umerkot ¼" each.

Day temperatures were 6-9°F above normal in Hyderabad division, 2-5°F so in East Pakistan and 3-8°F below normal in D. I. Khan, Multan and adjoining Rawalpindi and Lahore divisions.

Forecast valid until the evening of 17th:—Fairly widespread rain/thundershowers will occur in Chittagong division and local elsewhere in East Pakistan, Peshawar, Rawalpindi, Lahore divisions and Kashmir and scattered in D. I. Khan, Bahawalpur, Multan, Khairpur and Hyderabad divisions.

Earthquake report:—An earthquake shock of moderate intensity was recorded at Quetta Geophysical Institute at 04,08,50 hours W. P. S. T. on 16th July 1957. The epicentre of the earthquake was near latitude 29° North and longitude 69½° East about 175 miles southeast of Quetta.

Karachi-11.
The 16th July, 1957.

OBSERVATIONS

ABDUL MAJID KHAN.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at† W_t (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility† VV (8)	Present weather† ww (9)	Past weather† W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud N_h (13)	Low Cloud form† C_L (14)	Height of Lowest Cloud† h (15)	Medium Cloud form† C_M (16)	High Cloud form† C_H (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	017	9	6	16	03	96	02	6	000	81	6	4	6	0	0	78	84
	Chittagong	022	6	5	13	09	96	02	6	xxx	xx	5	4	5	0	0	79	86
	Maijdee Court	000	9	8	11	05	95	03	2	980	85	4	5	5	2	x	78	87
	omilla	000	0	8	18	03	99	02	1	985	86	8	9	5	x	x	77	89
	Brahmanbaria	000	0	4	18	02	97	03	2	984	85	2	4	5	0	5	79	90
	Sylhet	007	0	8	36	02	95	62	1	987	85	6	7	4	2	x	80	91
	Srimangal	011	4	7	00	00	97	17	6	990	86	7	4	6	0	0	79	92
Dacca	Mymensingh	000	0	4	09	02	98	02	2	979	88	4	7	5	0	0	80	91
	Narayanganj	008	2	5	13	03	94	03	6	976	87	3	4	4	3	1	80	89
	Dacca (Tezgaon)	000	9	6	13	05	98	02	2	972	86	1	1	5	3	1	79	88
	Faridpur	000	8	4	16	03	96	01	1	969	87	2	4	8	1	0	81	90
	Barisal	000	8	6	00	00	95	02	5	973	87	5	6	6	4	0	79	89
Rajshahi	Khulna	000	0	5	09	03	97	01	1	957	89	2	5	7	3	0	79	93
	Satkhira	000	0	6	00	00	99	03	2	966	88	4	5	7	9	0	81	91
	Jessore	000	0	3	09	05	97	01	1	966	89	2	8	6	6	0	82	92
	Sirajganj	000	0	7	00	00	96	02	0	970	87	6	2	6	0	0	82	89
	Bogra	000	0	4	13	02	96	02	1	971	88	4	1	6	0	0	80	91
	Dinajpur	000	1	3	00	00	94	01	1	978	91	3	0	9	4	0	80	94
	Rangpur	000	0	3	18	05	96	01	2	xxx	89	2	5	6	2	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	5	13	03	96	03	1	971	92	0	0	9	0	6	73	94
	Sialkot	000	9	2	23	02	98	02	1	961	99	2	1	6	x	x	77	00
Rawalpindi	Jhelum	000	9	5	18	03	98	02	1	949	01	5	2	7	0	0	70	92
	Rawalpindi	000	0	4	16	05	99	02	2	944	00	4	2	7	3	0	67	02
	Khushab	000	0	2	11	05	99	03	0	949	01	2	1	6	0	0	71	02
Multan	Lyallpur	000	0	4	13	02	96	01	0	963	95	0	0	9	4	0	76	96
	Montgomery	000	0	5	21	07	96	00	2	964	94	5	1	7	0	0	80	95
	Multan	000	0	2	36	03	96	01	2	950	98	1	1	8	1	0	77	99
Bahawalpur	Leiah																	
	Khanpur	000	0	3	05	07	96	01	1	939	03	1	1	7	0	1	78	04
	Bahawalpur	000	0	8	00	00	97	03	0	955	97	8	0	9	4	x	78	99
	Fort Abbas	000	0	6	05	04	97	03	0	948	98	6	1	6	0	0	79	02
Peshawar	Chakdara	000	0	2	13	xx	98	03	1	911	79	2	2	7	0	x	71	98
	Peshawar	000	0	2	05	05	98	02	0	965	02	2	1	6	3	0	71	03
	Haripur	000	0	3	23	02	97	02	2	942	02	3	3	6	x	x	69	03
	Campbellpur	000	0	3	05	03	98	03	1	939	03	3	2	6	0	0	68	04
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	949	00	0	0	9	0	0	69	00
	D.I. Khan	000	0	0	00	00	98	00	0	966	00	0	0	9	0	0	82	01
Quetta	Sibi	000	0	0	00	00	99	00	0	928	10	0	0	9	0	0	67	11
Kalat	Nokkundi	000	0	0	34	02	98	02	0	883	13	0	0	9	0	0	40	16
	Turbat	000	0	0	23	02	97	00	0	005	xx	0	0	9	0	0	87	08
	Iwani																	
	Pasni	000	0	6	23	12	94	05	0	988	89	6	5	7	0	0	77	92
	Ormara	000	0	6	xx	xx	98	02	1	992	88	6	2	5	0	0	83	89
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	14	96	03	2	950	86	6	0	9	7	0	83	90
	Karachi (Air port)	000	0	8	25	12	96	03	2	963	88	1	6	4	7	x	79	94
	Badin	000	0	8	05	02	96	20	3	934	90	8	0	9	2	x	80	01
	Nagarparker	xxx	x	3	18	05	97	20	3	xxx	xx	3	2	9	1	1	xx	xx
	Umarkot	000	0	0	00	00	97	00	0	915	90	0	0	9	0	0	83	04
	Hyderabad	000	0	8	00	00	97	03	2	932	04	6	5	6	7	x	71	08
Khairpur	Pad-i-dan	000	0	4	05	05	98	03	1	932	07	4	4	7	0	0	67	11
	Nawabshah	000	0	8	02	09	97	03	1	928	05	8	0	9	7	x	67	09
	Sukkur	000	0	4	07	03	95	01	2	934	03	0	0	9	0	3	74	03
	Reti																	
	Jacobabad	000	0	3	09	07	96	02	1	940	06	2	5	6	3	0	96	08
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	02	99	00	0	956	92	0	0	9	0	0	84	97
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	003	3	5	31	02	97	02	6	429	71	3	3	3	5	0	63	73
Peshawar	Drosh *	000	0	4	23	07	96	03	1	343	95	4	2	7	0	0	38	99
	Cherat *	000	7	2	13	03	97	01	1	421	91	2	2	6	0	0	68	92
	Kakul *	000	2	5	18	05	99	03	2	427	86	5	3	8	0	0	65	89
	Landi Kotal *	000	0	4	13	02	96	01	0	963	95	0	0	9	4	0	76	96
D.I. Khan	Parachinar *	000	0	4	13	02	99	00	0	993	83	4	0	8	0	0	53	xx
	Miranshah *	000	0	0	13	02	99	00	0	409	94	0	0	9	0	0	89	95
	Wana *	000	0	3	05	02	98	02	0	410	88	3	0	9	2	0	66	91
Quetta	Fort Sandeman *	000	0	3	31	02	96	03	1	415	97	3	2	6	0	0	58	98
	Hindubagh *	000	0	6	27	02	98	02	0	389	94	0	0	9	0	4	58	95
	Loralai *	000	0	4	13	02	98	02	1	455	91	4	0	9	2	0	64	93
	Harnai *	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	6	18	07	94	09	1	381	93	6	5	8	0	0	83	98
	Chaman *	000	0	0	34	05	96	00	0	399	02	0	0	9	0	0	84	04
Kalat	Kalat *	000	0	0	09	03	98	00	0	398	86	0	0	9	0	0	68	92
	Nushki *	000	0	6	05	06	95	03	1	444	06	4	2	5	2	0	56	11
	Dalbandin *	000	0	5	13	03	95	05	1	397	09	5	2	7	0	0	52	11
	Panjgur *	000	0	4	27	03	98	03	1	410	04	4	0	9	4	0	97	05
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at† Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility† VV (25)	Present weather† ww (26)	Past Weather† W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud N_h (30)	Low Cloud form† C_L (31)	Height of Lowest Cloud† h (32)	Medium Cloud form† C_M (33)	High Cloud form† C_H (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	022	9	6	16	07	96	02	6	020	82	6	4	6	2	0	76	77	- 2	0	58.5	+ 9.9	69.4	104
	Chittagong	057	9	4	08	05	97	02	6	005	82	3	4	5	1	0	77	78	0	+ 1	24.5	- 10.6	32.0	108
	Maijdee Court	045	2	8	16	05	96	01	5	995	82	4	2	6	2	1	81	80	+ 1	+ 2	27.7	- 6.5	37.6	115
	omilla	030	5	8	18	10	99	02	6	010	85	8	5	5	x	x	79	79	+ 1	+ 2	24.5	- 3.2	36.4	194
	Brahmanbaria	000	0	8	18	05	97	03	2	996	84	8	5	3	x	x	78	79	—	—	24.1	+ 4.5	41.9	78
	Sylhet	041	9	8	09	05	95	61	6	002	78	7	7	4	2	0	77	78	—	—	36.6	—	87.2	..
	Srimangal	018	3	7	18	02	97	02	6	998	83	4	1	7	3	0	76	78	+ 2	+ 2	34.2	+ 8.4	60.9	98
Dacca	Mymensingh	000	0	8	09	02	98	02	2	995	84	8	4	5	x	x	78	80	+ 3	+ 2	29.0	+ 1.2	39.7	91
	Narayanganj	012	9	8	16	03	94	60	6	993	85	8	7	4	x	x	81	82	0	+ 3	25.6	+ 6.8	41.7	74
	Dacca (Tezgaon)	000	1	7	16	05	98	02	6	983	85	7	4	4	0	0	81	79	—	—	23.9	—	42.9	..
	Faridpur	000	9	5	16	02	96	03	0	987	86	3	5	7	1	0	81	78	+ 2	0	18.6	- 0.1	30.6	71
	Barisal	047	9	8	18	02	95	53	6	987	85	5	7	9	0	0	82	79	+ 2	0	17.9	- 4.6	24.9	81
Rajshahi	Khulna	000	0	7	18	03	97	01	2	985	87	9	4	7	0	0	79	81	+ 5	+ 3	17.9	- 1.7	25.8	68
	Satkhira	000	0	4	00	00	99	01	1	982	86	3	5	9	9	0	80	80	+ 3	+ 2	12.4	- 8.7	18.2	65
	Jessore	000	0	8	13	03	96	03	5	981	85	8	4	5	x	x	81	81	—	—	21.1	+ 1.6	25.4	65
	Sirajganj	000	0	8	00	00	96	02	2	978	86	8	2	5	0	0	81	81	+ 1	+ 2	33.0	+ 13.3	43.9	64
	Bogra	000	0	5	13	02	97	01	1	995	86	4	4	6	3	0	80	81	+ 2	+ 2	32.4	+ 13.0	39.9	69
	Dinajpur	000	2	6	00	00	96	02	2	985	86	0	0	9	2	0	79	78	+ 5	0	20.7	- 3.5	34.1	72
	Rangpur	000	0	7	18	02	96	03	2	xxx	86	7	5	6	x	x	79	81	+ 2	+ 3	25.5	- 3.7	34.3	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	977	88	0	0	9	0	0	80	81	- 6	+ 2	0.8	- 3.6	9.5	19
	Sialkot	000	0	0	23	02	98	00	0	967	89	0	0	9	0	0	75	84	+ 2	+ 4	2.8	- 4.8	26.1	32
Rawalpindi	Jhelum	000	2	3	00	00	97	01	2	969	92	3	2	8	0	0	75	83	—	—	1.5	—	12.3	..
	Rawalpindi	000	0	3	00	00	99	01	1	954	94	3	0	9	3	0	63	83	+ 4	+ 6	1.7	- 4.1	17.7	36
	Khushab	000	0	0	00	00	99	00	0	971	91	0	0	9	0	0	77	85	- 1	+ 3	1.2	- 1.9	10.0	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	971	87	0	0	9	0	0	81	83	- 6	+ 1	2.9	+ 0.2	9.1	12
	Montgomery	000	0	0	23	02	96	00	0	936	89	0	0	9	0	0	81	82	- 8	- 2	0.2	- 2.3	4.0	10
	Multan	000	0	1	00	00	96	01	1	970	88	0	0	9	0	1	79	82	- 3	- 3	0.7	- 0.8	4.9	7
Bahawalpur	Leiah																							..
	Khanpur	000	0	6	05	05	96	02	2	963	97	0	0	9	0	2	81	88	- 1	+ 5	0	- 1.4	1.8	6
	Bahawalpur	000	0	7	00	00	97	03	0	971	91	7	0	9	0	8	80	85	- 4	+ 1	1.0	- 0.3	2.3	6
	Fort Abbas	000	0	3	23	02	97	02	1	965	93	3	0	9	2	0	71	84	—	—	1.1	—	4.1	8
Peshawar	Chakdara	000	0	3	00	00	97	03	0	949	83	3	2	8	x	x	62	62	—	—	0.8	—	15.7	..
	Peshawar	000	0	0	36	03	98	02	0	975	90	0	0	9	0	0	74	84	+ 1	+ 4	0.1	- 0.9	11.1	14
	Haripur	000	2	1	09	02	97	01	0	947	94	1	0	4	0	3	64	79	—	—	1.4	—	15.5	..
	Campbellpur	000	0	2	13	05	98	01	1	954	94	0	0	9	0	4	73	94	—	—	0.5	—	15.9	..
D.I. Khan	Bannu	000	0	0	09	02	99	00	0	961	89	0	0	9	0	0	76	84	—	—	0.1	—	7.1	11
	D.I. Khan	000	2	2	00	00	97	01	1	955	90	0	0	9	0	2	79	83	- 3	0	1.0	- 0.7	6.5	10
Quetta	Sibi																		—	—				5
Kalat	Nokkundi	000	0	0	36	02	98	02	0	960	95	0	0	9	0	0	50	90	—	—	0	—	1.9	2
	Turbat	000	0	0	23	03	98	02	2	002	86	0	0	9	0	0	83	86	—	—	2.5	—	5.9	..
	Iwani	000	2	8	20	05	96	02	2	993	83	0	0	9	7	x	77	82	—	—	0	—	3.1	4
	Pasni	000	0	5	23	02	94	05	0	014	84	5	5	7	0	0	78	82	0	+ 4	0	- 0.5	6.2	6
	Ormara	000	0	4	00	00	98	02	1	006	84	4	0	9	4	0	02	81	—	—	0	- 0.3	3.8	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	07	96	03	2	987	83	0	0	9	7	0	82	81	+ 1	0	0.5	- 1.9	0.9	8
	Karachi (Air port)	000	0	8	27	09	96	03	2	987	86	3	6	5	5	x	78	83	—	—	0.7	—	1.1	..
	Badin	000	0	0	23	02	96	03	0	999	85	0	0	9	0	0	78	xx	+ 6	x	0	- 2.5	1.3	9
	Nagarparker	xxx	x	2	05	02	96	60	3	xxx	xx	2	1	9	2	3	xx	xx	—	—	—	—	—	..
	Umarkot	027	0	6	23	01	97	00	0	957	86	0	0	9	0	0	81	81	—	—	2.8	—	2.8	..
	Hyderabad	000	0	2	23	05	97	01	2	969	89	0	0	9	7	0	78	85	+ 9	+ 4	0.2	- 1.7	2.0	..
Khairpur	Pad-i-dan	000	0	2	18	02	98	01	1	970	91	0	0	9	0	1	77	87	—	—	0	—	1.2	..
	Nawabshah	000	0	6	00	00	96	02	2	973	91	6	0	9	3	0	80	87	—	—	0.1	—	0.6	..
	Sukkur	000	9	6	00	00	96	03	2	962	91	0	0	9	0	8	79	88	—	—	0	—	2.8	4
	Reti																							..
	Jacobabad	000	9	6	09	03	96	03	1	968	98	0	0	9	0	1	75	91	- 1	+ 6	0	- 0.7	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	9	6	31	05	97	02	1	981	86	6	0	8	2	0	83	88	+ 2	+ 1	0	- 0.1	6.9	4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							..
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							..
	Aliabad *																							..
	Gilgit *																							
Rawalpindi	Murree *	003	9	5	27	03	97	02	1	422	67	5	5	3	0	0	67	64	- 1	+ 6	5.5	- 4.3	39.4	59
Peshawar	Drosh *	000	0	0	00	00	96	00	0	395	81	0	0	9	0	0	52	73	+ 3	0	0.6	—	22.7	18
	Cherat *	000	0	0	18	02	97	00	0	420	82	0	0	9	0	0	64	65	+ 3	- 6	1.2	- 2.1	21.9	29
	Kakul *	000	9	1	31	02	98	01	1	443	81	1	2	7	0	0	60	75	—	—	2.4	—	30.0	..
	Landi Kotal *	000	0	0	02	02	97	00	0	416	89	0	0	9	0	0	63	76	—	—	0.2	—	14.5	..
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	794	91	0	0	9	0	0	53	xx	x	x	2.4	—	21.5	29
	Miranshah *	000	0	0	00	00	99	00	0	470	84	0	0	9	0	0	73	80	—	—	0.5	- 1.3	12.7	13
	Wana *	000	0	0	00	00	99	00	0	428	83	0	0	9	0	0	63	74	—	—	0.2	—	12.3	11
Quetta	Fort Sandeman *	000	0	6	00	00	96	03	1	436	83	6	0	9	2	0	67	77	- 2	+ 2	0.8	- 0.9	11.3	11
	Hindubagh *	000	0	5	00	00	98	03	0	427	81	0	0	9	0	4	62	71	—	—	0	—	12.3	..
	Loralai *	000	0	5	00	00	98	02	1	453	76	0	0	9	2	0	67	69	—	—	1.6	—	10.4	..
	Harnai *	xxx	x	0	31	06	98	00	0	—	—	0	0	9	0	0	—	—	x	x	0.6	- 1.2	12.9	14
	Quetta *	000	9	2	23	02	95	03	3	435	78	2	5	8	0	0	74	79	—	—	0	- 0.2	9.5	9
	Chaman *	000	9	3	25	05	96	01	1	418	90	0	0	9	0	1	79	81	+ 2	+ 5	0	- 0.1	10.2	8
Kalat	Kalat *	000	0	0	20	02	98	00	0	437	69	0	0	9	0	0	65	65	+ 1	+ 3	0	- 0.5	8.4	..
	Nushki *	000	0	0	18	08	97	00	0	504	92	0	0	9	0	0	63	88	—	—	0	—	8.0	..
	Dalbandin *	000	0	6	00	00	95	05	1	414	90	0	0	9	0	0	62	86	+ 2	+ 9	0	0	4.4	..
	Panjgur *	000	0	2	00	00	98	03	1	436	85	0	0	9	2	0	55	81	+ 2	+ 4	0	—	4.2	4
Afghanistan	Kabul *																							
	Kandahar *																							

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†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given/ or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

TUESDAY, THE 16th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I_d w_d w_d P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jalk Vijaya	23 237	656 06	8 25 18	96 02 2	003 82	81 5 3x	1 5 xxx	..	..	..
Exminister	23 240	665 06	8 22 21	98 02 2	990 87	83 3 xx	1 6 817	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$									HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	995 288 272	..	..	400 238 182	..	075 112 048	353 055 595	815 545 678	500 675 808	961 780	238 008	..	665 220
Lahore ..														
Multan ..														
Peshawar ..	00 00	956 312 252	..	..	400 285 228	..	098 172 125	385 102 035	865 002 545	627 550 999	983 700	272 900	..	..
Quetta ..	00 00	825 228 185	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached	TROPOPAUSE	
											PPP TTT $T_dT_dT_d$	St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 242 125	800 192 135	..	350 722 915	..	250 890 999	150 152 999	108 275 999	086 295 999	082 268 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 308 255	..	..	800 242 198	..	350 605 999	250 782 999	150 010 999	125 045 999	125 045 999	..	..
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds cens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra ..	14 12	14 13	15 11	16 11	..	..	..	..	..
Chaklala ..					..	..	..	..	..
Chhor ..	07 10	07 13	06 15	05 17	..	..	..	..	..
Chittagong ..	15 12	14 11	..		..	..	..	..	..
Cox's Bazar ..	17 17	18 18	..		..	..	..	..	..
Dacca ..	15 11	16 14	17 13	16 09	17 10	16 13	17 08	16 06	17 06
Dalbandin ..	..	..	12 07	08 05	08 07	07 10	05 09	06 06	..
D.I.Khan ..	..	..	..		..	..	..	..	..
Drosh ..	..	..	..	24 10	24 12	22 09	28 10	..	..
Fort Sandeman ..	..	..	..	03 09	05 09	04 14	26 19	33 13	27 17
Jacobabad ..	11 10	07 08	07 06	05 09	04 21	01 26	05 23	06 17	05 13
Jassore ..									
Jhelum ..	23 03	25 07	24 05	18 06	17 04	04 06	02 11	..	..
Jiwani ..	20 09	22 14	24 15	27 15		..	..	..	..
Karachi ..	28 24	29 23	31 16	02 21	03 25	02 30	..	..	..
Khanpur ..	03 18	03 15	04 09	06 15	36 13	06 05	..	..	..
Lahore ..	17 09	15 13	14 14	12 15	09 13	07 09	01 11	33 11	..
Multan ..	36 06	03 07	03 10	06 09	03 10	02 24	31 41	29 14	27 15
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..		..	..	..	..	..	..	..
Peshawar ..	..	05 15	07 13	09 11	15 12	18 18	28 12	32 10	31 08
Quetta ..	..	..	..	..	30 16	34 09	..	..	..
Sharjah ..									
Sylhet ..	25 03	21 06	20 10	21 14	22 14	..	..	..	..
Varaval ..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra ..	14 10	..	..	..	..	..
Chaklala ..					..	..
Chhor ..	25 01	22 06	21 08	17 07	..	..
Chittagong ..	16 17	17 19	17 18	..	..	..
Cox's Bazar ..	17 19	17 10	17 09	17 09	..	..
Dacca ..	17 10	17 15	..	..	..	..
Dalbandin ..	..	..	..	..	..	..
D.I.Khan ..	..	..	..		..	..
Drosh ..	..	..		..	35 02	03 06
Fort Sandeman ..	..	..	..	05 05	33 03	06 04
Jacobabad ..	10 13	12 11	14 05	04 07	34 13	01 15
Jassore ..						
Jhelum ..	17 03	27 03	26 03	30 04	30 10	32 13
Jiwani ..	25 12	26 18	28 15	27 15	..	..
Karachi ..	28 6	29 27	..	..	..	..
Khanpur ..	09 17	09 13	07 13	05 06	32 07	36 18
Lahore ..	08 19	10 27	11 21	17 17	19 12	21 11
Multan ..	13 10	11 04	36 08	36 15	04 14	03 10
Muscat ..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..
Quetta ..	..	..	..	..	27 06	28 10
Sharjah ..						
Sylhet ..	No	ascent	..	..	..	..
Varaval ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	11 05	11 07	13 06	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..				..	..	..	..	..	..	..	..
Chittagong ..	17 08	17 14	17 15	18 13	..	..	..	..	..	..	..
Cox's Bazar ..	17 15	17 21	20 23	..	..	..	..	..	..	..	..
Dacca ..	15 12	16 15			..	..	..	..	..	..	..
Dalbandin ..	..	..	26 08	25 10	06 06	07 08	..	..	..	..	..
D.I.Khan ..	..	..	..	..							
Drosh ..	..	..	..	..	07 25	36 21	35 08	02 17	05 15	36 13	..
Fort Sandeman ..	..	..	..	20 01	24 01	27 06	31 15	02 11	10 02	19 04	28 11
Jacobabad ..	11 07	11 06	10 13	35 09	35 07	06 12	03 15	03 11	25 10	17 04	11 09
Jassore ..											
Jhelum ..	20 02	22 06	21 07	30 10	31 14	34 16	01 13	35 22	30 18	29 36	28 66
Jiwani ..	17 10	16 06	28 11	..	..	..	..	..	..	..	..
Karachi ..	27 27	27 22	27 24	..	..	..	..	..	..	..	..
Khanpur ..	..	..	..	..	..	..	..	..	..	..	..
Lahore ..	28 03	25 04	22 03	35 03	36 08	36 12	35 12	36 16	36 13	..	..
Multan ..	26 02	31 02	03 02	01 06	01 12	01 17	31 17	10 09	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..		..	..	..	..	..	..	..	..	..
Peshawar ..	..	03 04	03 09	02 09	27 07	29 19	32 19	32 21	31 22	35 25	..
Quetta ..	..	..	..	..	17 01	33 10	29 04	01 05	10 09	20 04	04 03
Sharjah ..											
Sylhet ..	17 04	19 17	20 17	..	..	..	..	..	..	..	..
Varaval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	25 29	28 18	36 12	06 23	06 13	08 12	05 19	04 13	05 13	11 17	18 27	12 21	09 32	14 47	11 49	09 51	10 37	
Peshawar ..																		
Quetta ..																		

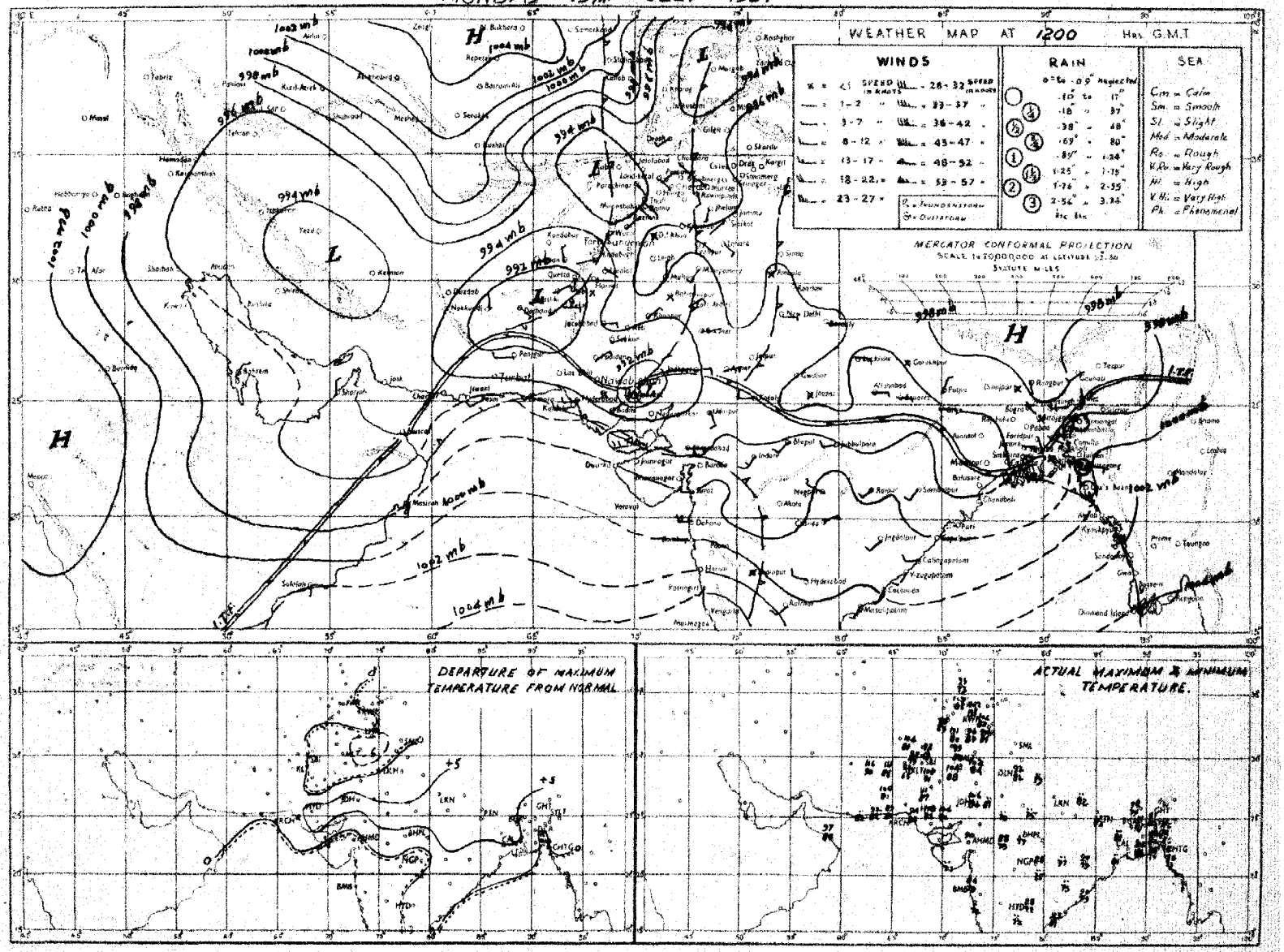
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_Ev_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

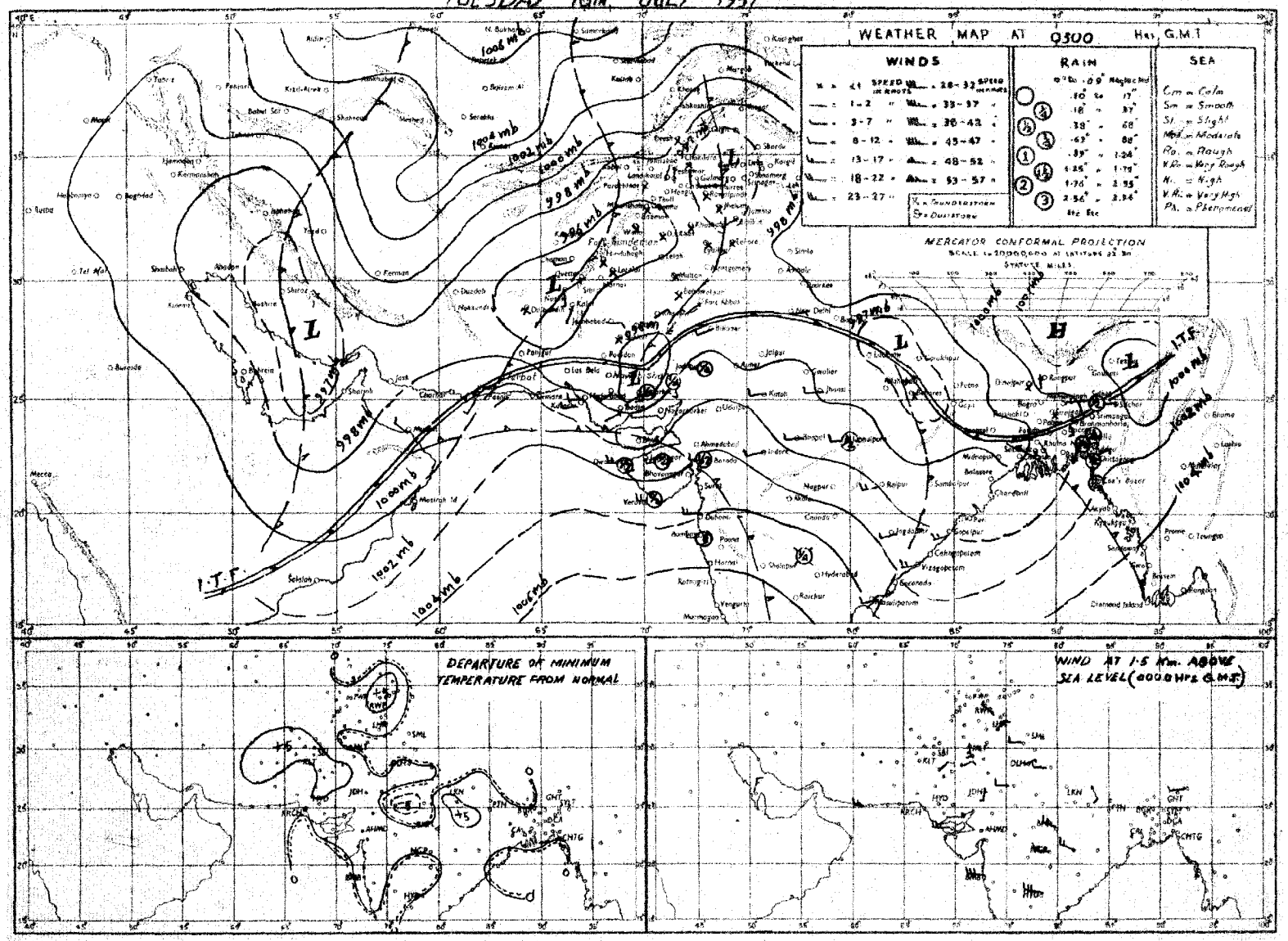
MONDAY 15th JULY 1957



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 16th JULY 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

WEDNESDAY, THE 17th JULY, 1957

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

Yesterday's low pressure wave over Kashmir and Rawalpindi divisions moved away eastwards.

The trough of low over Khairpur and adjoining divisions has become unimportant.

Steep pressure gradient lies over Hyderabad and adjoining south Kalat divisions.

Fairly widespread rainfall has been reported from Chittagong and Dacca divisions and local from Rajshahi division.

Chief amounts of rainfall are:—Barisal 1½"; Cox's Bazar and Sylhet 1" each; Mymensingh and Faridpur ½" each; Bramanbaria, Dacca, Khulna and Jessore ¼" each.

Day temperatures were generally 3-10°F above normal over West Pakistan outside south Kalat and south Hyderabad divisions and the Federal Capital Area and generally 2-4°F so over East Pakistan.

Forecast valid until the evening of 18th:—Fairly widespread rain will occur in Chittagong and Dacca divisions and local in Rajshahi division. A few dust or thunderstorms are also likely in Multan, Bahawalpur and Khairpur divisions.

Dust rasing winds will prevail over Hyderabad and adjoining south Kalat divisions.

Karachi-11.
The 17th July, 1957.

OBSERVATIONS

ABDUL MAJID KHAN.
for Director. Meteorological Service.

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (W1)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mb. and tenths)* (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature°F (TdTd)	Maximum temperature°F (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	004	8	4	16	04	96	01	6	991	83	2	3	6	0	9	78	86
	Chittagong	000	6	5	20	09	96	01	5	974	84	3	4	6	2	0	78	88
	Maijdee Court	000	9	8	11	05	97	01	2	966	84	0	0	9	2	2	78	87
	omilla	000	0	5	18	03	99	03	0	964	86	5	5	5	0	0	79	89
	Brahmanbaria	036	7	4	18	03	97	03	6	963	86	4	4	3	0	0	81	89
	Sylhet	039	3	7	36	05	96	21	9	962	80	4	4	5	4	0	79	90
	Srimangal	006	7	4	00	00	97	03	5	963	××	3	2	6	0	1	77	92
Dacca	Mymensingh	058	3	6	00	00	98	02	6	958	82	6	4	4	0	0	79	89
	Narayangani	000	9	7	18	05	94	03	1	960	87	6	2	4	3	0	79	90
	Dacca (Tezgaon)	004	6	7	18	05	97	03	6	956	86	5	4	4	0	2	80	89
	Faridpur	020	4	0	31	03	96	01	9	953	83	2	4	8	1	0	80	89
	Barisal	000	0	4	00	00	95	02	5	957	87	0	0	9	4	0	81	89
Rajshahi	Khulna	020	2	7	18	02	97	03	6	946	85	7	5	6	0	0	81	92
	Satkhira	×××	×	×	00	00	99	01	6	952	85	2	5	9	5	0	82	93
	Jessore	020	6	6	18	03	97	03	6	951	84	5	7	6	6	0	83	91
	Sirajganj	000	0	8	00	00	96	00	0	948	83	9	2	6	0	0	79	89
	Bogra	000	0	3	00	00	96	02	1	953	88	3	4	6	0	0	81	91
	Dinajpur	000	2	6	00	00	97	02	0	951	89	6	4	7	0	0	81	93
	Rangpur	000	0	5	13	02	96	01	2	×××	92	5	5	6	0	0	81	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	96	03	0	912	03	3	2	7	0	0	75	04
	Sialkot	000	2	2	00	00	98	02	1	903	02	2	1	6	0	0	75	03
Rawalpindi	Jhelum	000	0	3	27	02	97	02	0	900	04	3	2	7	0	0	76	05
	Rawalpindi	000	0	1	00	00	99	01	0	924	05	1	2	7	0	0	65	06
	Khushab	000	0	1	18	05	98	03	0	895	07	1	1	6	0	0	77	07
Multan	Lyallpur	000	0	4	16	02	96	01	0	911	01	0	0	9	3	0	73	03
	Montgomery	000	0	0	31	02	96	02	0	917	06	0	0	9	0	0	83	06
	Multan	000	0	0	31	02	96	00	0	922	06	0	0	9	0	0	77	07
Bahawalpur	Leiah																	
	Khanpur	000	0	5	27	03	96	01	2	908	09	0	0	9	0	4	80	11
	Bahawalpur	000	0	0	00	00	97	00	0	912	03	0	0	9	0	0	84	06
	Fort Abbas	000	0	2	31	02	97	03	0	903	09	2	1	6	0	0	77	10
Peshawar	Chakdara	005	×	×	××	××	96	02	0	864	01	0	×	9	0	×	71	03
	Peshawar	000	0	1	09	03	98	02	0	882	05	1	1	7	0	7	67	06
	Haripur	000	9	1	31	02	97	01	0	892	05	1	0	9	0	3	57	06
	Campbellpur	000	0	0	36	02	99	00	0	881	08	0	0	9	0	0	65	10
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	891	07	0	0	9	0	0	70	06
	D.I. Khan	000	0	0	00	00	98	00	0	905	04	0	0	9	0	0	73	05
Quetta	Sibi	000	0	0	23	01	98	00	0	899	18	0	0	9	0	0	69	16
Kalat	Nokkundi	000	0	0	29	02	98	02	0	881	15	0	0	9	0	0	38	15
	Turbat	000	0	0	23	02	97	00	0	985	06	0	0	9	0	0	78	07
	Iiwani	000	0	5	18	10	97	02	2	973	86	5	6	9	0	0	77	89
	Panjgur	000	0	2	31	04	96	00	0	993	81	0	5	7	0	0	76	91
	Ormara	000	0	0	××	07	98	00	0	983	90	0	0	9	0	0	83	90
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	12	97	03	1	968	87	6	6	4	0	0	84	89
	Karachi (Air port)	000	0	7	25	18	96	03	2	973	88	7	5	6	0	0	76	92
	Badin	000	2	8	23	02	97	20	3	980	90	8	8	9	0	0	76	94
	Nagarparker	×××	×	7	36	13	97	80	3	×××	××	7	4	9	5	3	××	××
	Umarkot	000	0	0	23	03	97	00	0	931	99	0	0	9	0	0	××	00
	Hyderabad	000	0	0	23	12	96	07	0	944	97	0	0	9	0	0	76	05
Khairpur	Padidan	000	0	3	13	02	97	03	1	919	10	4	4	7	0	0	45	11
	Nawabshah																	
	Sukkur	000	8	3	25	03	96	01	1	910	08	0	0	9	0	0	61	09
	Keti																	
	Jacobabad	000	0	6	13	05	96	03	1	916	09	3	0	9	0	8	74	11
Junagarh Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat	000	0	4	09	05	99	01	2	961	90	0	0	8	0	3	85	93
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
Rawalpindi	Aliabad *																	
	Gilgit *																	
	Murree *	000	9	4	29	03	98	01	1	382	77	4	3	3	0	0	63	79
Peshawar	Drosh *	000	0	0	00	00	96	00	0	353	06	0	0	9	0	0	53	70
D.I. Khan	Chitral *	000	0	0	31	02	97	00	0	391	96	0	0	9	0	0	52	99
	Kakul *	000	7	3	20	03	98	03	1	387	91	3	2	7	0	0	68	94
	Landi Kotal *	000	0	0	00	00	97	00	0	384	04	0	0	7	0	0	33	05
	Parachinar *	000	0	0	13	02	99	00	0	795	84	0	0	9	0	0	54	××
	Miranshah *	000	0	0	00	00	99	00	0	441	00	0	0	9	0	0	93	02
	Wana *	000	0	0	13	02	98	00	0	281	94	0	0	9	0	0	52	97
Quetta	Fort Sandeman *	000	0	6	00	00	96	03	1	383	02	6	5	9	2	0	55	03
	Hindubagh *	000	0	5	23	05	98	03	0	372	96	0	0	9	0	4	52	99
	Loralai *	000	0	4	18	02	98	02	1	481	93	0	0	9	6	0	59	94
Kalat	Barnai *	000	0	3	08	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	29	02	96	01	1	389	95	0	0	9	8	0	81	99
	Chaman *	000	0	0	13	03	97	00	0	385	05	0	0	9	0	0	87	07
	Kalat *	000	0	0	27	05	98	00	0	391	91	0	0	9	0	0	75	94
	Nushki *	000	0	0	31	06	95	00	0	440	13	0	0	9	0	0	56	13
Afghanistan	Dalbandin *	000	8	4	27	05	95	05	1	391	09	4	8	7	2	0	50	13
	Panjgur *	000	0	4	27	03	98	03	1	417	02	0	0	9	4	0	59	04

DIVISIONS.	STATION	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (W1)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature°F (TdTd)	Minimum temperature°F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	117	9	5	16	05	96	03	6	006	83	4	5	6	1	2	79	78	+ 1	+ 1	59.7	+ 10.3	70.5	104
	Chittagong	000	0	5	18	09	97	02	2	995	84	3	4	6	2	0	77	××	+ 2	×	24.5	- 8.7	32.0	108
	Maijdee Court	000	9	8	11	05	96	03	2	988	85	4	2	6	2	1	79	78	+ 1	0	27.7	- 6.2	37.6	115
	omilla	000	0	7	18	07	99	01	0	989	85	7	4	5	0	0	79	80	+ 1	+ 3	24.5	- 1.8	36.4	194
	Brahmanbaria	036	0	5	18	07	97	03	2	977	85	5	5	3	0	0	78	80	+ 1	—	24.5	+ 4.2	47.3	78
	Sylhet	112	9	7	18	02	96	01	6	987	75	4	5	6	2	×	79	78	—	—	37.7	—	88.3	..
	Srimangal	006	0	7	18	02	97	02	2	990	84	5	1	7	3	0	78	79	—	—	34.2	+ 7.7	61.0	98
Dacca	Mymensingh	064	5	8	09	02	97	02	6	982	83	8	6	4	×	×	80	80	+ 1	+ 2	29.6	+ 3.1	40.4	91
	Narayangani	000	9	8	16	05	94	03	2	982	87	8	7	4	×	×	80	82	+ 2	+ 3	25.6	+ 5.9	41.7	74
	Dacca (Tezgaon)	022	4	8	18	07	97	03	6	977	85	5	5	4	2	×	79	81	—	—	24.1	—	43.1	..
	Faridpur	061	9	8	00	00	96	50	6	981	81	8	7	6	0	0	79	78	+ 1	0	19.2	- 0.3	31.2	71
	Barisal	173	9	8	00	00	95	63	9	979	82	5	7	9	0	0	79	80	+ 2	+ 1	19.6	- 3.9	26.6	81
Rajshahi	Khulna	024	9	8	00	00	96	03	6	985	81	8	5	5	×	×	81	80	+ 4	+ 2	18.2	- 2.4	26.0	68
	Satkhira	000	0	8	18	02	96	03	2	976	85	×	×	6	×	×	81	82	+ 4	+ 4	12.4	- 7.4	18.2	65
	Jessore	020	0	8	18	03	96	03	2	976	84	8	7	5	×	×	83	81	—	—	21.3	+ 2.9	25.6	65
	Sirajganj	000	0	8	00	00	96	02	2	969	85	8	4	5	0	0	82	82	+ 1	+ 3	3.3	+ 14.4	43.9	64
	Bogra	000	0	6	00	00	97	01	1	966	84	3	4	6	3	8	80	82	+ 2	+ 3	32.4	+ 12.5	39.9	69
	Dinajpur	000	2	7	00	00	96	02	2	969	86	6	4	7	2	0	81	79	+ 4	0	20.7	- 1.9	24.1	72
	Rangpur	000	0	7	09	02	96	01	2	×××	86	7	5	6	×	×	82	81	+ 4	+ 3	25.5	- 1.3	34.3	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	4	00	00	96	03	0	912	93	2	0	9	3	4	80	87	+ 4	+ 8	0.8	- 3.7	9.5	19
	Sialkot	000	0	0	13	02	97	00	0	908	95	0	0	9	0	0	80	87	+ 6	+ 7	2.8	- 5.1	26.1	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	903	96	0	0	9	0	0	75	85	—	—	1.5	—	12.3	..
	Rawalpindi	000	0	0	00	00	99	00	1	907	92	0	0	9	0	0	56	83	+ 9	+ 6	1.7	- 4.4	17.7	36
	Khushab	000	0	1	18	05	99	00	0	907	97	0	0	9	0	0	75	87	+ 5	+ 5	1.2	- 2.0	10.0	15
Multan	Lyallpur	000	0	0	07	02	96	00	0	903	90	0	0	9	0	0	78	85	+ 2	+ 3	2.9	- 10.1	9.1	12
	Montgomery	000	0	0	23	02	96	00	0	910	93	0	0	9	0	0	81	84	+ 3	+ 2	0.2	- 2.3	4.0	10
	Multan	000	0	0	18	03	96	00	0	907	93	0	0	9	0	0	78	85	+ 5	0	0.7	- 0.8	4.0	7
Bahawalpur	Leiah																							..
	Khanpur	000	0	0	23	07	96	00	1	925	90	0	0	9	0	0	81	87	+ 4	+ 4	0	- 1.4	1.0	6
	Bahawalpur	000	0	0	20	03	96	07	0	918	92	0	0	9	0	0	76	89	+ 1	+ 5	1.0	- 0.3	2.3	6
	Fort Abbas	000	0	0	23	05	97	00	0	927	94	0	0	9	0	0	80	79	—	—	1.1	—	4.1	8
Peshawar	Chakdara	000	0	0	05	××	98	00	0	898	87	0	×	9	×	×	71	63	—	—	0.8	—	15.7	..
	Peshawar	000	0	0	36	03	97	00	0	899	99	0	0	9	0	0	70	84	+ 4	+ 4	0.1	- 1.0	11.1	14
	Haripur	000	0	0	23	02	97	00	0	889	96	0	0	9	0	0	69	79	—	—	1.4	—	15.5	..
	Campbellpur	000	0	0	09	03	98	00	0	898	97	0	0	9	0	0	72	90	—	—	0.5	—	15.9	..
D.I. Khan	Bannu	000	0	0	05	02	99	00	0	892	94	0	0	9	0	0	74	86	—	—	0.1	—	7.1	11
	D.I. Khan	000	0	0	00	00	98	00	0	893	93	0	0	9	0	0	77	89	+ 2	+ 6	1.0	- 0.8	6.5	10
Quetta	Sibi	000	0	0	13	01	99	00	0	937	97	0	0	9	0	0	74	95	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	13	02	98	02	0	958	96	0	0	9	0	0	32	91	—	—	0	—	1.9	2
	Turbat	000	0	0	23	02	98	01	2	992	××	0	0	9	0	0	76	84	—	—	2.5	—	5.9	..
	Iiwani	000	0	8	18	05	96	02	2	988	83	8	6	4	×	×	75	82	—	—	0	—	3.1	4
	Panjgur	000	0	4	27	02	95	05	0	002	81	4	5	7	0	0	76	80	0	+ 2	0	- 0.5	6.2	6
	Ormara	000	0	6	××	××	98	02	1	990	84	6	0	9	2	0	82	81	—	—	0	- 0.3	3.8	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	25	09	95	03	1	981	82	3	6	4	0	1	81	80	+ 1	- 1	0.5	- 2.0	0.9	8
	Karachi (Air port)	000	0	6	25	12	96	02	2	984	84	6	6	5	0	0	77	83	—	—	0.7	—	1.1	9
	Badin	000	0	0	23	02	96	01	0	986	89	0	0	9	0	0	73	××	- 3	×	0	- 2.5	1.3	..
	Nagarparker	×××	××	9	27	05	96	30	4	×××	××	5	3	9	4	4	××	××	—	—	—	—	—	..
	Umarkot	000	0	0	23	03	97	00	0	995	84	0	0	9	0	0	77	81	—	—	2.8	—	2.8	..
	Hyderabad	000	0	4	23	14	96	07	2	957	85	0	0	9	7	0	73	82	+ 6	+ 1	0.2	- 1.8	2.0	..
Khairpur	Padidan	000	0	7	13	05	98	02	2	924	89	7	0	9	2	0	72	85	—	—	0	—	1.2	..
	Nawabshah																							..
	Sukkur	000	9	5	31	03	96	03	1	919	88	0	0	9	0	8	76	86	—	—	0	—	2.8	4
	Keti																							..
	Jacobabad	000	0	0	13	07	97	02	0	917	91	0	0	9	0	4	75	90	+ 3	+ 5	0	- 0.8	3.5	4
Junagarh Afghanistan	Veraval																							20
	Jalalabad																							..
Arabia	Muscat	000	0	3	00	00	97	01	1	974	90	0	0	9	0	2	85	88	- 1	+ 1	0	- 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							5
Kashmir	Srinagar *																							26
	Gulmarg **																							..
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **	000	0	0	00	00	98	00	0	055	64	0	0	9	0	0	27	51		—	—	—	—	..
Rawalpindi	Aliabad *																							..
	Gilgit *																							..
	Murree *	000	9	4	29	03	98	01	1	380	72	0	0	9	0	0	59	65	+ 6	+ 7	5.5	- 4.7	39.4	59
Peshawar	Drosh *	000	0	0	00	00	96	00	0	394	84	0	0	9	0	0	43	74	+ 10	+ 1	0.6	—	22.7	18
D.I. Khan	Chitral *	000	0	0	00	00	97	00	0	379	84	0	0	9	0	0	62	80	+ 10	+ 9	1.2	- 2.3	21.9	29
	Kakul *	000	0	0	27	03	97	02	0	378	86	0	0	9	0	0	85	77	—	—	2.4	—	30.0	..
	Landi Kotal *	000	0	0	00	00	97	00	0	378	92	0	0	9	0	0	42	75	—	—	0.2	—	14.5	..
	Parachinar *	000	0	0	00	00	97	00	0	794	71	0	0	9	0	0	51	××	—	—	2.4	—	21.5	29
	Miranshah *	000	0	0	00	00	99	00	0	917	89	0	0	9	0	0	82	81	—	—	0.5	- 1.3	12.7	13
	Wana *	000	0	0	00	00	98	00	0	410	84	0	0	9	0	0	64	73	—	—	0.2	—	12.3	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	00	0	395	85	0	0	9	0	0	64	78	+ 3	+ 3	0.8	- 1.0	11.3	11
	Hindubagh *	000	0	0	23	02	98	00	0	395	85	0	0	9	0	0	55	73	—	—	0	—	12.3	..
	Loralai *	000	0	0	27	02	98	00	0	457	76	0	0	9	0	0	46	68	—	—	1.6	—	10.4	..
Kalat	Barnai *	000	0	0	27	02	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	0.6	- 1.3	12.9	14
	Quetta *	000	0	0	00	00	96	00	0	387	79	0	0	9	0	0	71	66	—	—	0	- 0.2	9.5	9
	Chaman *	000	0	0	20	09	97	00	0	405	89	0	0	9	0	0	89	77	+ 6	+ 1	0	- 0.1	10.2	8
	Kalat *	000	0	0	16	02	98	00	0	425	72	0	0	9	0	0	68	63	+ 3	+ 1	0	- 0.5	8.4	..
	Nushki *	000	0	0	13	10	97	00	0	502	90	0	0	9	0	0	66	87	—	—	0	—	8.5	..
Afghanistan	Dalbandin *	000	9	6	25	05	95	05	1	396	89	0	0	9	0	6	57	79	+ 3	+ 2	0	0	4.4	..
	Panjgur *	000	0	0	27	02	98	00	0	417	84	0	0	9	0	0	64	80	- 1	+ 3	0	—	4.2	4

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs, pressure leve lin geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs, pressure level in geopotential metres, the thousands figure omitted.

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 day

(VVhenever 999 is given in RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY, THE 17th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O $T_sT_s T_dT_d$	$I_d w_d w_d P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ocean Esidurance	34 202	695 06	7 27 22	97 03 2	020 83	48 5 95	7 3 3xx	..	0 51 xx	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	995 282 265	461 005 525	..	415 265 158	..	138 212 105	444 095 012	925 505 585	679 598 658	831 772	264 958	..	675 190
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	825 228 185	Miada											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 252 272	871 212 205	856 272 172	800 235 178	733 235 142	572 052 518	454 548 618	350 665 705	250 855 992	150 112 995	059 298 992	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Miada											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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	13 06	15 05	15 05	15 06	..	..	..	..		20 07	..	..	..	..	..	17 04	15 08	..		..	..	..	..	..	..	..
Chaklala														..	..	..		..	..	..	..	..	..	..	..	..
Chhor ..	22 21	22 24	25 07	25 05	34 03	05 03	05 14	05 08	09 04	23 16	23 21									..	..	..	..	..	..	..
Chittagong	18 12	18 28	16 25	18 37	19 37					16 20	26 26	17 21	18 17	18 13	..	16 18	17 24	17 24	17 23	..	..	..	..	..	..	..
Cox's Bazar	18 15	18 13	18 13	19 12	21 13	19 15	17 12	18 09	12 10	17 17	17 19	17 20	..		..	18 16	19 17			..	..	..	..	..	..	..
Dacca	20 25	18 29	19 30	20 29	21 31					16 21						19 14	19 15	19 19	17 13							
Dalbandin	..	..	32 05	30 08	28 08	36 03	31 12	32 18	33 19	..	..	28 04	26 08	23 12	31 21	..	..	23 06	31 07	30 21	31 18	..	..	..	..	..
D. I. Khan	..	..	..							..						..	..	..	..							
Drosh				26 06	23 02	26 01	34 08	36 13	35 09	..	..		23 07	02 05	02 12					03 17	02 10	01 25	01 21	36 11	28 03	31 01
Fort Sandeman				25 03	17 02	11 01	32 17						25 20	21 07	33 13				25 01	25 05	30 14	30 06	29 04	15 07	18 05	24 12
Jacobabad	15 11	17 09	18 09	19 09	20 08	03 04	35 11	34 12	32 13	21 21	21 22	22 22		28 19	33 23	19 07	23 06	28 08	28 11	33 15	34 15	35 06	33 10	05 12	13 10	07 10
Jaisalmer																										
Jhelum	22 05	22 02	19 04	26 06	31 11	34 13	36 12	36 12	36 23	14 03	19 03	27 03	32 12	32 17	33 17	13 03	17 04	18 03	22 05	29 13	32 19	35 13	35 17	35 17	33 17	31 28
Jiwani	18 12	20 09	27 15	29 16	..	..	..	..						..		18 07	28 08	28 11	30 22	..		..	..	..	..	..
Karachi ..	25 28	26 11	..		..		..	..	..	26 19	26 23	26 26	..	..	..	25 24	26 20	26 27								..
Khanpur ..																21 13	23 20	23 20	25 20	27 12	33 08	35 15	06 12	09 12	07 11	..
Lahore	34 02	33 01	18 03	30 09	34 09	34 12	01 11	34 17	34 19	08 19	10 27	11 21	17 17	19 12	21 11	24 07	26 08	26 06	25 06	28 09	31 17	36 19	35 12	35 09	34 21	35 17
Multan	18 04	20 04	20 04	02 02	31 06	xx xx	34 29	32 20	02 17	24 18	26 17	25 20	26 14	..	..	20 13	20 13	20 12	27 02	27 03	04 10	36 18	08 07	06 06	..	..
Muscat	..				..	..	..	..		..	..	..				..	..	..	..	..	..	..	..	..	..	..
Panjgur	..									..	..					..	..	..	..				..	..	..	..
Peshawar	..	05 08	08 09	16 04	28 06	30 12	28 19	32 12	27 22	..	22 04	15 05	11 03	07 05	27 07											
Quetta	..				32 17	31 13	..	..	..	..	..		..	20 08	28 11	..	..	..	..	30 05	29 15	28 12	15 13	15 13	14 03	34 07
Sharjah																										
Sylhet	31 06	22 07	21 15	21 21	21 20	..	..	..	..	15 08	19 21	20 17	..	..	..	16 04	17 10	18 13	18 12	19 12	..	..	..	..	..	..
Veraval ..																										

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 23	27 27	27 29	26 25	26 17	36 11	04 25	05 27	06 13	08 12	09 19	07 17	09 24	10 37	11 45	11 47	10 53	09 46
Peshawar ..																		
Quetta ..																		

The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

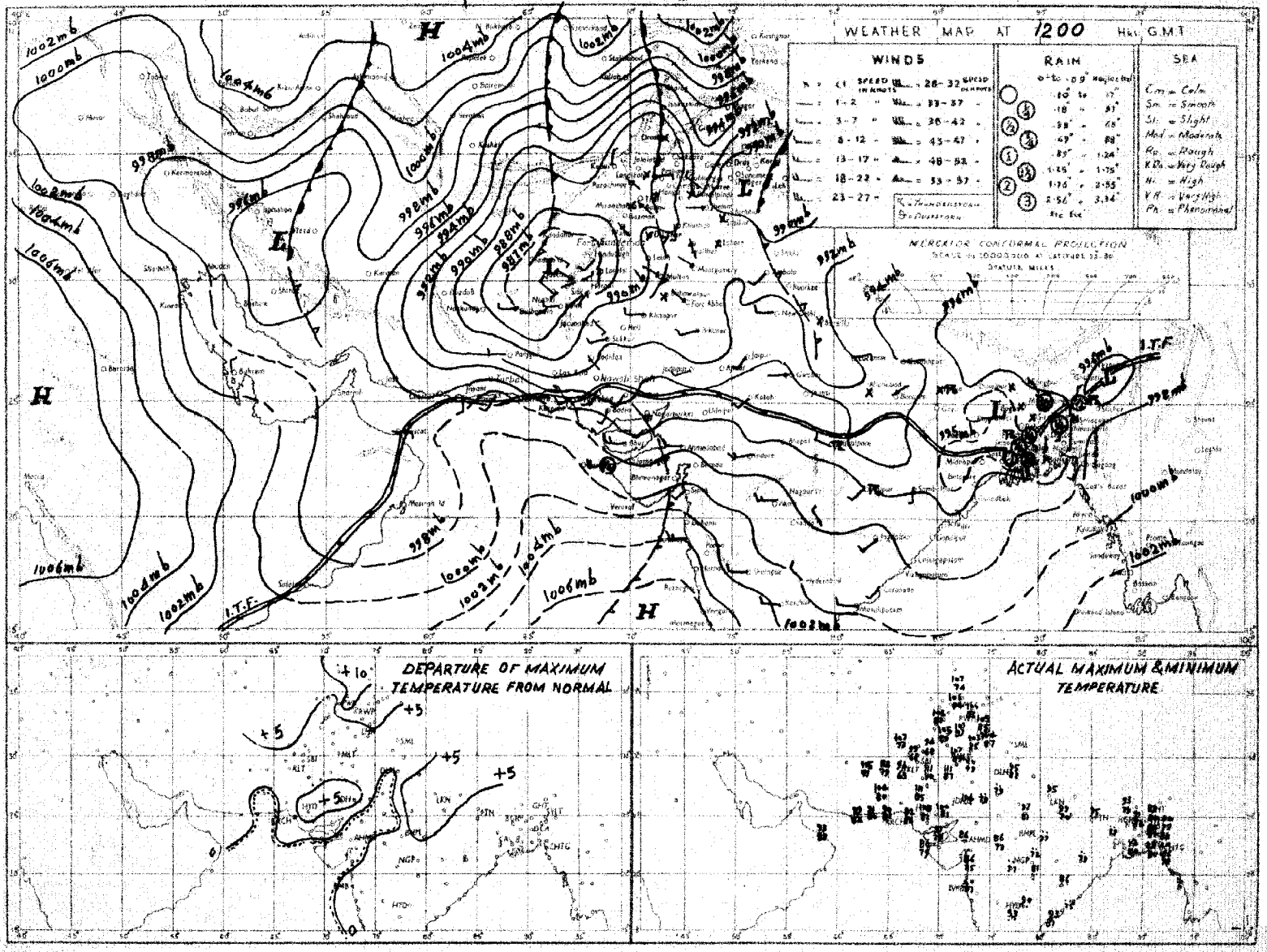
Cloud observation Data (GGiii $Cddv_fv_f$ etc)

12712 63206

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.

PAKISTAN DAILY WEATHER MAP

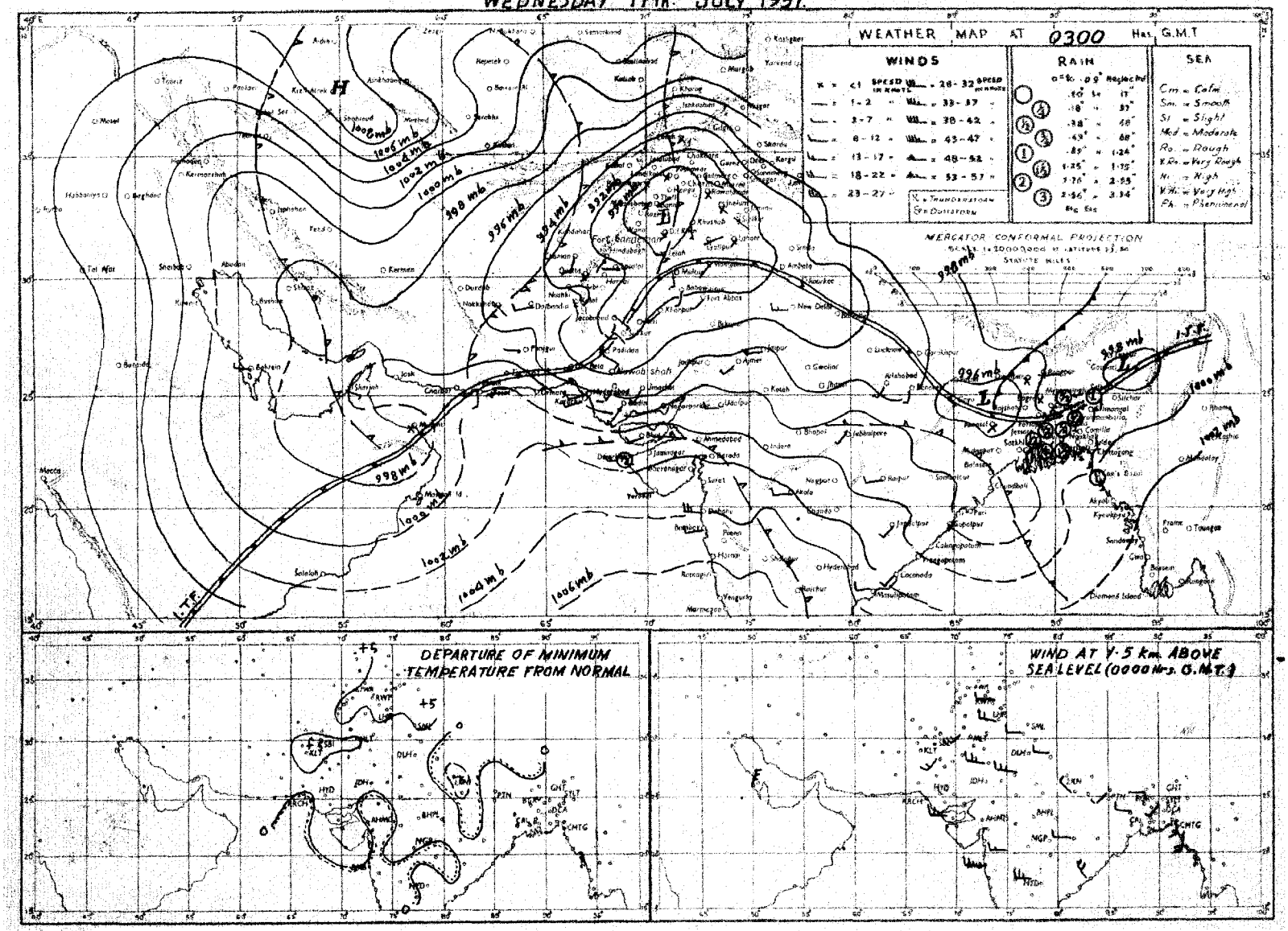
TUESDAY 16th: JULY 1957



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 17th: JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

THURSDAY, THE 18th JULY, 1957

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

Steep pressure gradient over Hyderabad and adjoining south Kalat divisions persists.

A low pressure wave is moving across Russian Turkistan.

The axis of monsoon trough runs accross the front of Himalayas.

Rainfall has been fairly widespread in Chittagong and Dacca divisions and local in Rajshahi division.

Chief amounts of rainfall are:—Cox's Bazar 2"; Barisal 1¼"; Mymensingh 1"; Sylhet, Khulna and Dinajpur ¾" each; Maijdee Court, Srimangal, Dacca and Jessore ½" each and Comilla ¼".

Day temperatures were 6-13°F above normal in Multan, Lahore, Rawalpindi, Peshawar and D. I. Khan divisions and 2-4°F so over the rest of West Pakistan.

Forecast valid until the evening of 19th:—Fairly widespread rain with a few moderate to heavy falls will occur in East Pakistan. Scattered thunderstorm/showers are likely in Peshawar division and Kashmir.

Karachi-11.
The 18th July, 1957.

ABDUL MAJID KHAN.
for Director, Meteorological Service.

OBSERVATIONS

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F.	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum temperature °F.	Maximum Temperature	Minimum Temperature	Since 1st June 1957 to date.	Departure from normal	Since 1st January 1957 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
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	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	033	9	7	16	03	95	60	6	983	79	7	4	6	2	0	79	84	227	9	8	16	07	95	60	6	994	79	8	4	6	1	×	78	78	− 1	+ 1	62.0	+ 11.5	72.8	104
	Chittagong	001	1	7	16	09	96	21	6	969	81	5	4	4	2	0	79	87	011	0	7	16	09	97	03	2	982	83	3	4	5	2	0	77	79	+ 1	+ 2	24.7	− 9.2	32.1	108
	Maijdee Court	020	7	8	13	05	97	03	2	963	84	2	5	6	2	1	78	87	050	9	8	13	05	96	01	2	975	84	4	2	6	2	1	79	78	+ 1	0	28.2	− 4.5	38.1	115
	Comilla	008	3	5	18	09	99	01	6	962	86	3	2	5	8	0	80	89	030	9	7	13	05	99	03	2	976	83	7	4	5	0	0	77	78	+ 1	+ 1	24.8	− 2.0	36.7	194
	Brahmanbaria	000	0	4	18	02	97	03	2	962	85	2	5	5	0	7	79	89	000	0	5	18	07	97	03	2	977	86	5	5	3	0	0	77	79	—	—	2.5	+ 3.9	42.3	78
	Sylhet	000	6	7	00	00	97	03	6	955	83	5	5	5	2	8	79	90	069	9	6	13	05	97	02	1	987	85	4	5	6	3	0	78	79	—	—	38.4	—	89.0	..
	Srimangal	039	6	5	00	00	97	60	6	962	80	3	2	6	0	1	80	92	052	9	3	09	02	97	02	6	984	87	1	1	7	0	1	78	77	—	—	34.7	+ 9.6	61.5	98
Dacca	Mymensingh	115	8	6	00	00	98	02	0	978	84	6	4	5	0	0	81	85	115	0	4	09	02	98	02	2	981	85	4	4	4	0	0	79	79	− 3	+ 1	30.8	+ 3.8	41.5	91
	Narayanganj	000	0	7	18	03	94	03	1	959	86	3	4	4	3	1	78	89	000	9	7	11	05	95	03	2	973	86	7	4	4	0	0	78	81	+ 1	+ 2	25.6	+ 5.5	41.7	74
	Dacca (Tezgaon)	030	7	7	18	03	97	03	6	952	85	1	1	5	3	4	79	88	046	8	7	13	05	97	01	6	970	85	6	8	4	0	1	79	80	—	—	24.6	—	43.5	..
	Faridpur	000	8	5	18	02	96	01	2	950	86	4	4	8	1	0	81	88	000	9	6	11	02	96	03	0	067	84	6	5	7	0	0	79	78	0	0	19.2	− 0.6	31.2	71
	Barisal	130	9	7	27	02	95	63	9	954	85	6	7	9	4	1	81	84	137	9	6	18	01	96	52	6	961	85	5	7	6	4	0	82	79	+ 3	0	21.0	− 2.5	28.0	81
Rajshahi	Khulna	072	8	8	00	00	97	01	6	950	85	3	5	7	3	×	81	88	079	0	7	13	03	97	03	2	960	87	7	4	6	0	0	80	80	0	+ 2	19.0	− 2.0	26.8	68
	Satkhira	000	0	6	00	00	96	00	2	949	87	4	6	6	9	0	81	92	000	0	6	00	00	99	03	2	957	89	4	5	9	9	0	81	82	+ 3	+ 4	12.4	− 7.8	18.2	65
	Jessore	008	9	6	18	03	97	03	6	943	89	4	8	6	6	0	84	90	040	0	6	18	05	97	03	6	956	88	3	8	6	6	0	81	81	—	—	21.7	+ 2.9	26.0	65
	Sirajganj	000	0	8	00	00	96	00	0	949	85	8	5	6	×	×	××	86	000	0	8	13	02	96	02	2	969	85	8	5	5	0	0	79	81	− 2	+ 2	33.0	+ 14.1	43.9	64
	Bogra	000	0	4	13	02	96	01	1	941	87	4	1	6	0	0	81	89	000	0	6	13	02	97	01	1	967	88	4	4	6	3	0	78	81	0	+ 2	32.4	+ 12.2	39.9	69
	Dinajpur	000	2	7	00	00	96	02	2	952	87	7	4	7	0	0	81	92	078	2	7	00	00	96	02	2	960	86	4	4	7	2	0	79	78	+ 3	− 1	21.5	− 1.7	24.8	72
	Rangpur	000	0	7	09	02	96	01	2	×××	87	6	5	6	2	0	81	88	000	0	7	09	02	96	03	2	×××	84	7	5	6	×	×	80	81	− 1	+ 3	25.5	− 2.8	34.3	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	6	3	00	00	96	03	1	977	11	3	8	7	0	0	72	11	000	0	0	23	05	96	05	0	910	93	0	0	9	0	0	76	89	+ 11	+ 10	0.8	− 3.9	9.5	19
	Sialkot	000	0	0	00	00	97	00	0	872	08	0	0	9	0	0	76	09	000	0	0	13	03	97	00	0	918	91	0	0	9	0	0	81	83	+ 12	+ 3	2.8	− 6.3	26.1	32
Rawalpindi	Jhelum	000	0	3	18	03	97	02	0	865	09	3	2	7	0	0	66	10	000	0	0	13	03	97	05	0	904	95	0	0	9	0	0	79	90	—	—	1.5	—	12.3	..
	Rawalpindi	000	0	1	16	05	99	02	0	857	08	1	2	7	0	0	67	10	000	0	0	00	00	99	00	1	907	95	0	0	9	0	0	57	84	+ 13	+ 7	1.7	− 4.7	17.7	36
	Khushab	000	0	0	13	03	97	00	0	861	12	0	0	9	0	0	68	13	000	0	0	23	03	96	05	0	911	95	0	0	9	0	0	77	89	+ 11	+ 7	1.2	− 2.1	10.0	15
Multan	Lyallpur	000	0	0	20	02	96	00	0	878	05	0	0	9	0	0	72	06	000	0	0	20	02	96	00	0	914	88	0	0	9	0	0	75	87	+ 5	+ 5	2.9	0.0	9.1	12
	Montgomery	000	0	0	18	09	96	02	0	873	08	0	0	9	0	0	78	08	000	0	0	23	09	95	05	0	919	87	0	0	9	0	0	77	81	+ 5	− 3	0.2	− 2.4	4.0	10
	Multan	000	0	0	23	05	96	00	0	876	07	0	0	9	0	0	76	08	000	0	0	18	03	96	00	0	910	84	0	0	9	0	0	75	81	+ 6	− 4	0.7	− 0.8	4.0	7
Bahawalpur	Leiah																																								
	Khanpur	000	0	0	23	09	95	05	0	879	10	0	0	9	0	0	83	11	000	0	0	20	09	94	07	1	922	86	0	0	9	0	0	79	82	+ 4	− 1	0	− 1.7	1.0	6
	Bahawalpur	000	0	0	23	02	90	00	0	986	07	0	0	9	0	0	74	07	000	0	0	20	03	97	00	0	926	86	0	0	9	0	0	70	83	+ 2	− 1	1.0	− 0.4	2.3	6
	Fort Abbas	000	0	2	23	03	96	03	0	891	09	2	1	6	0	0	75	11	000	0	0	23	07	97	00	0	926	94	0	0	9	0	0	75	83	—	—	1.1	—	4.1	8
Peshawar	Chakdara	000	0	0	09	××	××	××	×	823	03	0	×	9	0	×	65	05	000	0	0	00	00	98	00	0	890	84	—	—	—	—	—	68	65	—	—	0.8	—	15.7	..
	Peshawar	000	0	0	07	05	95	08	0	841	09	0	0	9	0	0	61	10																							
	Haripur	000	4	1	27	02	97	01	0	846	10	1	0	9	0	3	44	10																		+ 8					14
	Campbellpur	000	0	0	18	09	98	00	0	845	13	0	0	9	0	0	63	13	000	0	0	16	05	98	00	0	896	89	0	0	5	0	0	76	××	—	—	0.5	—	15.9	..
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	849	11	0	0	9	0	0	65	11	000	0	0	00	00	99	00	0	886	96	0	0	9	0	0	78	88	—	—	0.1	—	7.1	11
	D.I. Khan	000	0	0	00	00	98	00	0	870	08	0	0	9	0	0	78	10	000	0	0	13	02	97	00	0	896	89	0	0	9	0	0	77	81	+ 7	− 2	1.0	− 0.9	6.5	10
Quetta	Sibi	000	0	0	23	02	98	00	0	972	18	0	0	9	0	0	60	20	000	0	0	00	00	99	00	0	923	91	0	0	9	0	0	70	91	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	34	02	98	02	0	863	14	0	0	9	0	0	32	16	000	0	0	34	19	98	02	0	897	95	0	0	9	0	0	38	90	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	97	00	0	×××	××	0	0	9	0	0	79	08	000	0	0	00	00	98	00	0	993	××	0	0	9	0	0	75	86	—	—	2.5	—	5.9	..
	Jiwani	000	0	6	18	10	96	03	1	952	87	6	6	4	3	0	77	88	000	0	6	18	03	96	03	0	994	84	6	6	5	0	0	80	80	—	—	0	—	3.1	4
	Pasni	000	0	2	23	12	95	05	0	973	89	2	5	7	0	0	77	91	000	0	0	02	00	94	41	0	969	81	0	0	9	0	0	80	78	0	0	0	− 0.5	6.2	6
	Ormara	000	0	0	××	07	98	00	0	974	90	0	0	9	0	0	83	90	000	0	7	00	00	98	02	1	970	84	7	2	5	0	0	62	81	—	—	0	− 0.3	3.8	6
	Las Bela	000	0	0	13	02	98	00	0	035	99	0	0	9	0	0	79	03	000	0	0	00	00	98	00	0	945	86	0	0	9	0	0	76	80	—	—	1.0	—	2.4	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	12	97	03	1	951	88	2	6	4	7	8	85	90	000	0	8	25	09	95	03	2	949	82	4	7	5	7	0	81	79	+ 2	− 2	0.5	− 2.1	0.9	8
	Karachi (Air port)	000	0	7	25	18	96	02	2	957	86	7	5	5	0	0	78	89	000	0	8	25	14	96	51	2	952	81	8	6	4	×	×	80	81	—	—	0.7	—	1.1	..
	Badin	000	0	0	23	02	97	00	0	973	89	0	0	9	0	0	73	94	000	3	8	23	03	96	00	0	981	86	0	8	9	0	0	77	××	− 3	×	0	− 2.6	1.3	9
	Nagarparker	×××	×	9	27	37	96	30	9	×××	××	9	4	9	4	2	××	××	×××	×	9	63	05	96	30	4	—	—	9	4	9	2	4	—	—	—	—	—	—	—	..
	Umarkot	000	0	0	23	03	97	00	0	916	94	0	0	9	0	0	74	97	000	0	7	23	03	97	00	0	923	83	0	0	9	0	0	76	81	—	—	2.8	—	2.8	..
	Hyderabad	000	0	4	23	14	96	07	2	931	91	0	0	9	0	0	73	98	000	0	8	23	14	96	07	2	926	84	0	0	9	7	×	75	82	− 1	+ 1	0.2	− 1.9	2.0	..
Khairpur	Pad-i-dan	000	0	2	23	09	98	01	1	883	13	0	0	9	0	1	84	14	000	0	4	13	05	98	01	1	909	85	0	0	9	0	2	73	82	—	—	0	—	1.2	..
	Nawabshah	000	0	7	18	12	97	02	1	899	03	0	0	9	0	6	69	07	000	0	4	18	05	97	02	1	908	88	0	0	9	0	0	75	83	—	—	0.1	—	0.6	..
	Sukkur	000	4	0	20	03	96	00	0	875	07	0	0	9	0	0	78	07	000	9	8	20	03	96	03	1	913	84	8	0	9	0	0	75	81	—	—	0	—	2.8	4
	Reci																																								..
	Jacobabad	000	0	0	13	10	96	02	0	871	10	0	0	9	0	0	73	12	000	0	0	09	05	96	02	0	917	86	0	0	9	0	0	75	85	+ 4	0	0	− 0.8	3.5	4
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								..
Arabia	Muscat	000	0	0	09	05	99	00	1	949	91	0	0	9	0	0	83	93	000	0	3	00	00	98	02	0	948	96	0	0	8	0	1	64	90	− 1	+ 3	0	− 0.1	6.9	4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								..
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **																																								..
	Aliabad *																																								..
	Gilgit *																																								
Rawalpindi	Murree *	000	5	4	31	03	98	01	1	365	81	4	3	3	0	0	63	82	000	9	0	00	00	96	00	1	378	75	0	0	9	0	0	48	67	+ 9	+ 9	5.5	− 5.1	39.4	59
Peshawar	Drosh *	000	0	0	00	00	96	00	0	320	09	0	0	9	0	0	60	15	000	0	0	00	00	96	00	0	384	86	0	0	9	0	0	55	79	+ 18	+ 6	0.6	—	22.7	18
	Cherat *	000	0	0	18	15	97	00	0	349	01	0	0	9	0	0	59	03	000	0	0	18	02	90	00	0	379	84	0	0	9	0	0	67	82	+ 13	+ 11	1.2	− 3.0	21.9	29
	Kakul *	000	5	3	23	07	97	01	1	365	96	3	2	7	0	0	63	98	000	7	0	18	02	97	02	1	378	87	0	0	9	0	0	66	80	—	—	2.4	− 2.5	30.0	..
	Landi Kotal *	000	0	0	16	02	97	00	0	349	05	0	0	9	0	0	51	07	000	0	0	00	00	97	00	0	377	92	0	0	9	0	0	59	82	—	—	0.2	—	14.5	..
	Parachinar *	000	0	0	13	02	99	00	0	795	84	0	0	9	0	0	56	××	000	0	0	00	00	99	00	0	791	79	0	0	9	0	0	62	××	×	×	2.4	—	21.5	29
D.I. Khan	Miranshah *	000	0	0	05	02	99	00	0	402	05	0	0	9	0	0	99	06	000	0	0	00	00	99	00	0	421	95	0	0	9	0	0	87	85	—	—	0.5	− 1.4	12.7	13
	Wana *	000	0	0	11	03	99	00	0	372	98	0	0	9	0	0	63	02	000	0	0	00	00	97	00	0	381	85	0	0	9	0	0	66	77	—	—	0.2	—	12.3	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	00	0	361	07	0	0	9	0	0	69	08	000	0	0	00	00	96	00	0	385	90	0	0	9	0	0	65	81	+ 8	+ 6	0.8	− 1.0	11.3	11
	Hindubagh *	000	0	0	23	05	98	00	0	348	98	0	0	9	0	0	48	00	000	0	0	00	00	98	00	0	473	83	0	0	9	0	0	57	73	—	—	0	—	12.3	..
	Loralai *	000	0	0	20	02	98	00	0	478	99	0	0	9	0	0	49	00	000	0	0	27	02	98	00	0	486	77	0	0	9	0	0	49	71	—	—	1.6	—	10.4	..
	Harnai *	000	0	0	09	02	98	00	0	××	××	0	0	9	0	0	××	××	000	0	0	27	00	98	00	0	—	—	0	0	9	0	0	—	—	—	—	0.6	− 1.4	12.9	14
	Quetta *	000	0	0	23	02	98	03	0	350	96	0	0	9	0	4	82	97	000	0	0	00	00	95	00	0	371	76	0	0	9	0	0	63	60	—	—	0	− 0.3	9.5	9
	Chaman *	000	0	0	20	02	98	00	0	384	03	3	8	4	0	0	86	04	000	0	0	05	03	97	00	0	426	92	0	0	9	0	0	78	78	+ 3	+ 2	0	− 0.1	10.2	8
Kalat	Kalat *	000	0	0	02	11	98	00	0	391	90	0	0	9	0	0	73	92	000	0	0	16	03	98	00	0	391	75	0	0	9	0	0	57	63	+ 1	+ 1	0	− 0.5	8.4	..
	Nushki *	000	0	0	02	19	95	00	0	439	11	0	0	9	0	0	43	12	000	0	0	09	04	97	00	0	472	88	0	0	9	0	0	40	86	—	—	0	—	8.0	..
	Dalbandin *	000	8	5	27	09	95	07	2	377	12	0	0	9	0	1	57	14	000	9	2	27	02	95	05	0	367	87	0	0	9	0	1	43	80	+ 4	+ 3	0	0	4.4	..
	Panjgur *	000	0	0	31	05	98	00	0	401	08	0	0	9	0	0	35	08	000	0	0	00	00	98	00	0	398	86	0	0	9	0	0	51	80	—	—	0	—	4.2	4
Afghanistan	Kabul *																																								
	Kandahar *																																								

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

THURSDAY, THE 18th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C_h h_s$	O $T_sT_s T_dT_d$	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Garoet	43 234	623 06	6 23 24	98 02 1	019 82	65 5 00	3 6 820	..	0 51 77	1 24 45
Garoet	43 230	637 12	6 23 26	97 02 2	963 82	55 4 01	3 6 613	..	0 52 77	1 23 46
Garoet	43 223	652 18	6 23 26	98 02 2	980 81	65 4 00	3 6 306	..	0 51 75	1 22 56
Oranje	43 093	684 18	1 26 18	98 02 0	124 82	11 4 00	2 7 106	..	0 01 75	1 25 55

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	995 278 232	451 005 455	..	380 272 168	..	104 188 028	397 062 518	848 535 595	545 602 999	974 772	244 975	..	680 222
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	821 212 098	Misda											

At Significant Levels

STATION	Time of ascent in G. M. T.	PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 202 155	882 202 162	880 285 135	510 582 999	451 552 999	432 565 999	378 662 999	350 680 999	250 865 999	079 175 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT : TdTdTd : Dry Bulb : Dew Point temperatures (in tenths of 9C.
Se-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra ..	17 06	17 07	17 04	21 03	27 02				
Chaklala ..		13 07	11 08	16 09	18 11	23 10	..	..	..
Chhor ..	22 43								
Chittagong ..	14 20	16 22	17 20	17 21	17 22	17 23	16 20	..	..
Cox's Bazar	No	ascent							
Dacca ..	16 17	17 17	17 16	17 17	16 14	15 11	16 07	13 07	14 06
Dalbandin ..	..	..	34 17	33 12	29 12	32 17	35 07	33 14	33 24
D. I. Khan ..	..	..		..					
Drosh ..	..	..			13 08	23 06	30 02	31 17	..
Fort Sandeman			26 06		24 03	21 06	25 07	06 03	20 06
Jacobabad ..	17 17	19 18	12 07	12 07	35 11	30 13	27 13	08 08	11 10
Jessore ..									
Jhelum ..	23 04	22 06	20 09	20 04	30 05	35 10	35 20	33 20	33 25
Jiwani ..	21 11	26 14	29 14	31 15	32 17	06 09	..	..	
Karachi ..	25 15	25 29							
Khanpur ..	21 26	21 25	21 19	21 17	26 06	36 17	35 16	08 10	05 13
Lahore ..	30 01	23 03	22 04	21 07	18 07	01 07	35 19	35 18	35 21
Multan ..	21 16	21 17	20 15	15 07	18 05	32 09	34 18	02 14	02 08
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..				
Quetta ..	..	..	..	..	24 09	23 17	26 07	17 09	..
Sharjah ..									
Sylhet ..	05 08	20 06	20 12	20 14	20 15	20 12	21 14	..	..
Veraval ..									

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra ..	13 09	..	..	..	..	..
Chaklala ..		..	..	..	..	..
Chhor ..	22 29		..			
Chittagong ..	15 18	16 31		..	..	..
Cox's Bazar	17 13	18 10	18 16	..		..
Dacca ..	17 12	18 15			..	
Dalbandin ..	..	..	24 12	31 16	32 21	33 31
D. I. Khan ..	..		..	..		
Drosh ..	..	..		--	19 02	19 01
Fort Sandeman				06 09	02 06	34 05
Jacobabad ..	12 15	16 15	20 14	26 08	24 07	28 11
Jessore ..						
Jhelum ..	12 08	11 17	×× ××	11 06	29 03	34 15
Jiwani ..	25 12	26 15	30 24	29 22	32 15	
Karachi ..	26 23	26 26	27 25	..	..	..
Khanpur ..	20 18	20 25	22 33		24 10	
Lahore ..	19 09	25 21	24 16	29 06	01 03	05 03
Multan ..	20 39	22 53	24 59	30 27	..	..
Muscat ..	..	..	..		..	
Panjgur ..	..	..	..		..	..
Peshawar ..	..	..	..	..	..	
Quetta ..	..	..	..	..	18 03	23 05
Sharjah ..						
Sylhet ..	14 08	16 12	17 19	17 13	16 09	..
Veraval ..	..	..	..		..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	12 12	12 17	12 12	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..											..
Chittagong ..	17 20	18 23	18 24	18 26	..	..	..	..	..	..	..
Cox's Bazar	19 14			..	..	..	..	..	..	..	..
Dacca ..	12 15	12 18	13 19								
Dalbandin ..	..	..	06 01	05 08	08 04	05 05	32 20	32 24	..	..	..
D. I. Khan ..				..							
Drosh ..	..	..	..	..	10 03	03 03	04 06	11 07	34 04	35 08	35 11
Fort Sandeman				32 01	07 01	27 03	27 05				
Jacobabad ..	14 10	10 07	23 07	23 05	30 03	32 05	27 05	17 08	12 03	27 02	07 14
Jessore ..											
Jhelum ..	11 05	13 10	13 13	25 07	28 07	33 13		..	..	..	..
Jiwani ..	29 03	30 12	30 21	30 23	31 18	32 10	36 05	03 18	..	..	..
Karachi ..	26 14	27 1-									
Khanpur ..	21 09	18 09	18 08	31 04	31 07	32 05	05 04	13 05	29 04	..	..
Lahore ..	29 06	29 08	28 06	29 03	28 08	28 15				..	..
Multan ..	20 10	19 11	18 16	12 13	13 05	28 06	01 11	29 05	32 12	32 10	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	33 05	02 05	12 09	17 01	19 04	84 10	09 01
Sharjah ..											
Sylhet ..	10 02	04 05	13 04	23 08	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 20	26 29	27 22	31 21	31 19	33 21	36 15	02 15	06 11	13 23	06 19	08 22	09 21	09 29	07 37	07 42	09 40	
Peshawar ..																		
Quetta ..																		

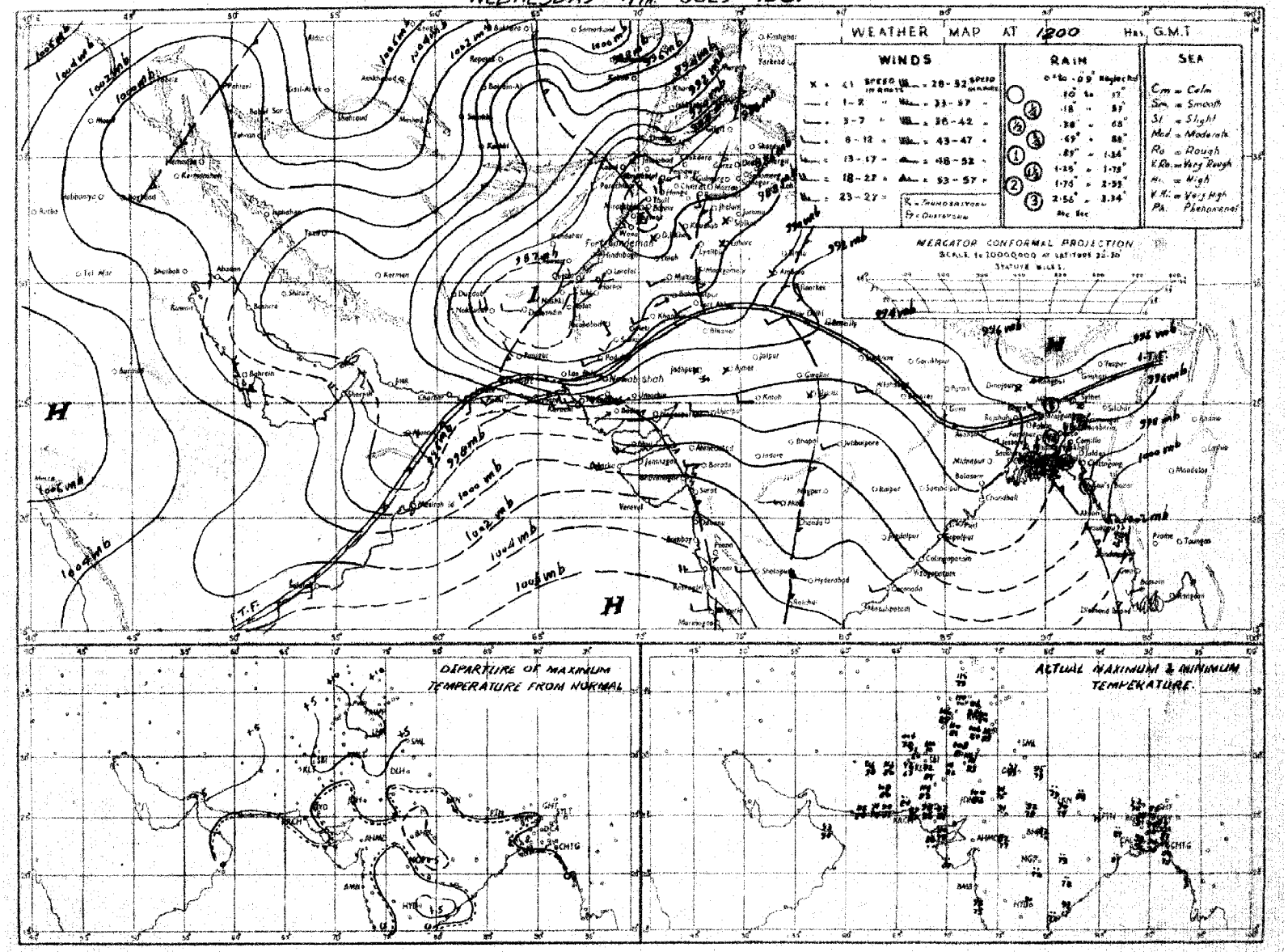
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

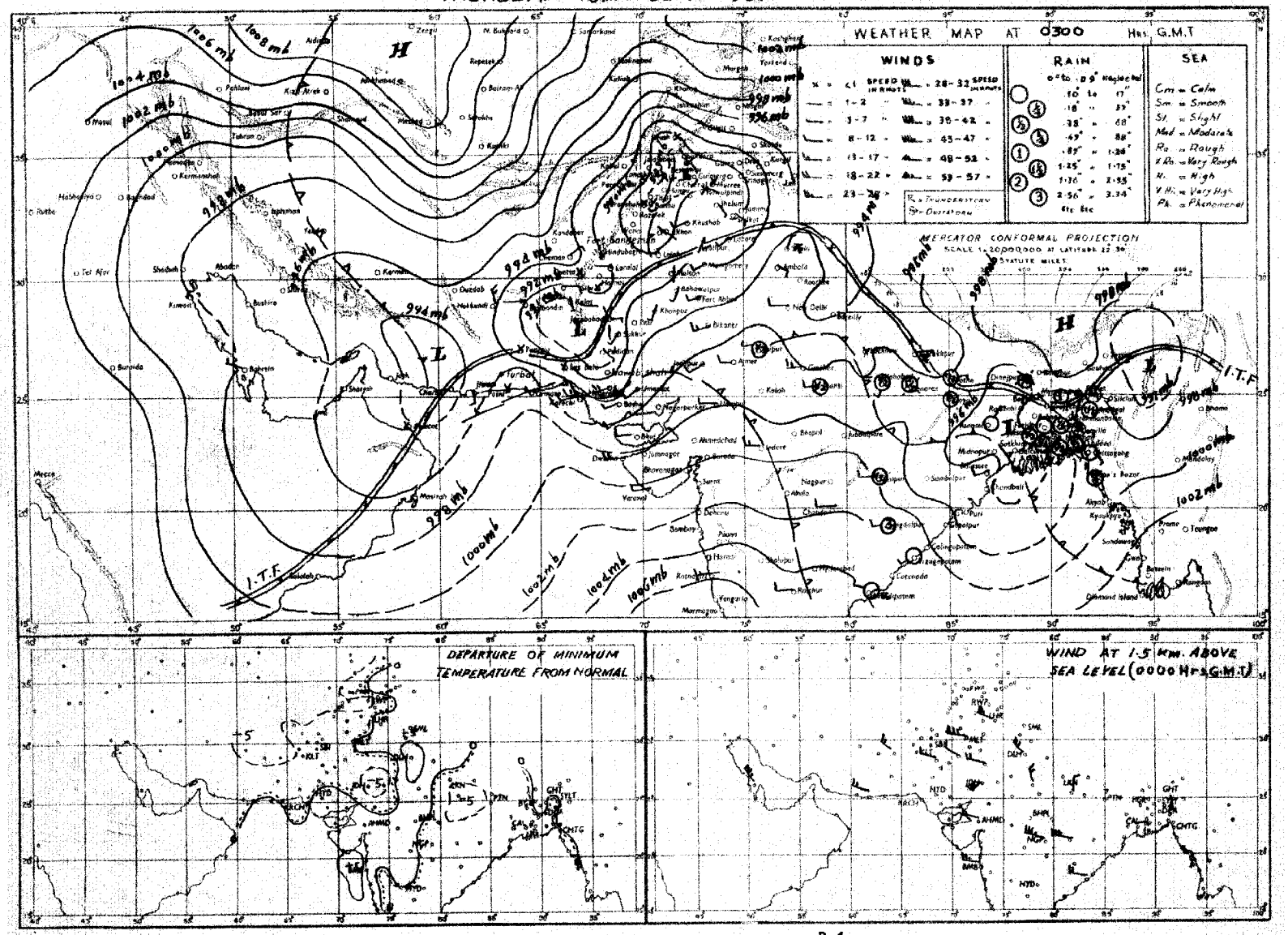
WEDNESDAY 17th JULY 1957



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 18th. JULY 1957



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

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Reg. No. S 1467

PAKISTAN DAILY WEATHER REPORT

FRIDAY, THE 19th JULY, 1957

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

Yesterday's low pressure wave over Russian Turkistan is now moving across extreme north of West Pakistan and has accentuated the seasonal low over D. I. Khan and adjoining divisions. It has caused fairly widespread thunderstorm/showers in Rawalpindi divisions, local in Peshawar division and scattered in Quetta and D. I. Khan divisions. Scattered light rain or drizzle has also been reported from Lahore division and the Federal Capital Area.

Rainfall has been fairly widespread in East Pakistan.

Chief amounts of rainfall are:—Chittagong 4"; Cox's Bazar, Satkhira, Murree and Kakul 2" each; Maijdee Court, Narayanganj and Parachinar 1" each and Comilla, Dacca, Faridpur, Barisal, Jessore, Bogra and Jhelum ½" each.

Day temperatures were 7-11°F above normal in Peshawar, Rawalpindi and Lahore divisions and 2-5°F so in Dacca division and over the rest of West Pakistan outside Hyderabad and Khairpur divisions where they were 2-5°F below normal.

Forecast valid until the evening of 20th:—Fairly widespread rain with a few moderate to heavy falls will occur in East Pakistan Fairly widespread thunderstorm/showers will occur Peshawar, Rawalpindi and Lahore divisions and scattered in Quetta, D. I. Khan and Multan divisions. Scattered light rain/drizzle is also likely in Hyderabad and coastal south Kalat divisions.

Karachi-11.
The 19th July, 1957.

ABDUL MAJID KHAN,
for Director. Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	054	9	8	18	07	95	62	6	xxx	79	8	4	6	2	x	78	84
	Chittagong	045	7	8	18	13	95	62	6	968	80	8	7	4	x	x	79	86
	Maijdee Court	000	9	8	13	05	97	01	2	950	84	4	2	6	2	1	78	86
	omilla	010	3	7	18	07	99	01	6	954	83	7	4	5	0	0	78	87
	Brahmanbaria	000	0	6	18	03	97	03	1	956	84	6	5	5	0	0	77	91
	Sylhet	000	4	8	00	00	96	02	9	959	85	3	4	6	2	x	79	92
	Srimangal	004	6	8	00	00	97	17	9	961	84	8	4	6	x	x	78	92
Dacca	Mymensingh	003	3	6	09	02	98	02	6	953	86	6	4	4	0	0	81	90
	Narayanganj	018	1	8	13	07	94	03	6	946	83	8	2	4	x	x	79	90
	Dacca (Tezgaon)	010	9	7	13	03	97	21	2	940	82	3	4	4	0	2	80	89
	Faridpur	002	2	8	16	05	96	02	6	937	85	2	4	7	1	0	79	87
	Barisal	000	4	6	00	00	96	03	5	938	83	6	0	9	7	0	80	88
Rajshahi	Khulna	000	0	8	18	05	97	03	2	931	82	8	5	5	x	x	78	91
	Satkhira	122	3	9	23	02	96	61	9	941	81	9	x	0	x	x	90	90
	Jessore	020	4	6	09	05	97	02	6	930	85	6	4	6	0	0	79	90
	Sirajganj	000	0	8	00	00	95	00	0	937	85	8	4	5	x	x	81	93
	Bogra	000	0	0	13	02	96	00	0	941	87	0	0	9	0	0	79	89
	Dinajpur	000	2	7	00	00	[illegible]	02	2	949	87	0	0	9	2	0	79	91
	Rangpur	002	4	7	11	02	96	01	5	xxx	86	6	5	6	2	x	81	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	23	03	95	05	0	885	05	1	8	7	0	0	77	07
	Sialkot	000	3	3	13	03	96	03	1	881	03	2	1	6	4	0	78	04
Rawalpindi	Jhelum	000	2	7	13	09	95	05	2	874	03	6	9	6	1	0	78	06
	Rawalpindi	010	2	7	00	00	98	03	9	868	95	7	5	6	0	0	79	08
	Khushab	000	0	0	20	07	95	05	0	874	05	0	0	9	0	0	68	09
Multan	Lyallpur	000	0	0	18	02	96	00	0	889	02	0	0	9	0	0	73	03
	Montgomery	000	0	0	23	03	96	02	0	897	04	0	0	9	0	0	81	04
	Multan	000	0	0	23	02	96	00	0	888	00	0	0	9	0	0	79	05
Bahawalpur	Leiah																	
	Khanpur	000	0	0	20	07	96	00	0	882	06	0	0	9	0	0	80	07
	Bahawalpur	000	0	0	00	00	97	00	0	882	03	0	0	9	0	0	73	05
	Fort Abbas	000	0	0	23	03	97	00	0	891	06	0	0	9	0	0	75	08
Peshawar	Chakdara	000	0	2	xx	xx	98	03	1	813	03	2	2	7	0	0	70	05
	Peshawar	000	3	5	23	22	92	98	9	844	01	5	3	6	0	1	62	09
	Haripur	000	4	7	13	02	97	03	0	883	10	7	2	6	0	0	67	12
	Campbellpur	000	0	8	23	10	97	03	1	787	09	8	3	6	x	x	66	10
D.I. Khan	Bannu	000	2	6	13	02	99	03	1	852	05	6	0	9	4	0	67	08
	D.I. Khan	000	0	0	00	00	98	00	0	877	03	0	0	9	0	0	78	03
Quetta	Sibi	000	0	0	00	00	98	00	0	876	14	0	0	9	0	0	65	16
Kalat	Nokkundi	000	0	0	34	19	99	02	0	869	09	0	0	9	0	0	38	11
	Turbat	000	0	0	23	02	97	00	0	xxx	14	0	0	9	0	0	80	14
	Jiwani	000	0	3	20	10	96	02	0	913	92	0	0	9	0	5	84	96
	Pasni	000	0	0	23	16	96	00	0	919	89	0	0	9	0	0	81	93
	Ormara	000	0	0	xx	xx	98	00	0	924	90	0	0	9	0	0	83	92
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	12	97	01	1	922	89	3	6	4	0	8	86	90
	Karachi (Air port)	000	0	8	25	07	96	02	5	925	87	7	6	6	2	x	80	89
	Badin	000	0	8	23	02	97	03	2	919	88	8	8	6	x	x	73	90
	Nagarparkar																	
	Umarkot	000	0	0	23	03	97	00	0	905	92	0	0	9	0	0	75	95
	Hyderabad	000	0	0	23	12	95	07	0	909	94	0	0	9	0	0	75	98
Khairpur	Pad-i-dan	000	0	0	13	05	98	00	0	881	09	0	0	9	0	0	44	10
	Nawabshah	000	0	0	18	09	97	02	0	888	05	0	0	9	0	0	75	09
	Sukkur	000	4	0	16	02	96	00	0	878	06	0	0	9	0	0	78	07
	Reti																	
	Jacobabad	000	0	0	13	05	97	00	0	882	05	0	0	9	0	0	75	05
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	00	00	99	00	1	946	98	0	0	9	0	0	79	01
	Kowait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	079	79	0	0	9	0	0	22	83
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	002	4	7	11	12	96	02	9	365	75	3	3	3	8	0	65	82
Peshawar	Drosh *	000	0	2	23	09	96	03	0	325	02	2	2	7	0	0	49	06
	Cherat *	000	3	6	18	03	96	02	9	349	92	6	3	6	0	0	60	00
	Kakul *	000	7	6	16	09	96	03	1	357	95	6	2	7	0	0	67	98
	Landi Kotal *	000	2	3	02	03	97	01	9	339	96	3	0	9	5	0	61	05
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	792	86	0	0	9	0	0	54	xx
	Miranshah *	000	0	0	00	00	99	00	0	413	03	0	0	9	0	0	xx	05
	Wana *	000	0	0	11	03	95	00	0	391	94	0	0	9	0	0	60	03
Quetta	Fort Sandeman *	006	3	4	23	05	96	03	9	362	99	4	0	9	3	0	54	02
	Hindubagh *	000	0	0	23	02	98	00	0	324	02	0	0	9	0	0	55	03
	Loralai *	000	0	3	09	02	98	02	1	511	98	3	0	9	5	0	50	02
	Harnai *	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	29	09	98	02	0	345	01	1	1	6	0	0	81	02
Kalat	Chaman *	000	0	0	27	03	98	00	0	358	05	0	0	9	0	0	xx	07
	Kalat *	000	0	0	31	07	98	00	0	347	93	0	0	9	0	0	73	97
	Nushki *	000	0	0	36	09	96	00	0	360	12	0	0	9	0	0	54	12
	Dalbandin *	000	8	2	00	00	95	05	0	365	12	0	0	9	0	1	53	14
	Panjgur *	000	0	0	27	07	98	00	0	384	08	0	0	9	0	0	49	10
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	230	9	8	18	10	95	63	6	015	79	8	4	6	2	x	78	77
Chittagong	430	9	8	16	09	95	62	6	003	78	8	7	3	x	x	77	77
Maijdee Court	107	2	8	13	02	96	01	6	982	81	4	4	5	4	x	80	78
omilla	025	5	8	18	07	99	50	6	985	81	8	5	5	x	x	79	78
Brahmanbaria	000	0	8	13	09	97	03	2	985	83	8	5	3	x	x	77	79
Sylhet	016	6	8	11	05	97	02	6	998	83	8	5	5	2	x	78	79
Srimangal	004	8	8	00	00	97	03	2	997	84	8	4	6	x	x	77	78
Mymensingh	003	0	8	09	05	98	02	2	997	85	8	6	5	x	x	81	80
Narayanganj	115	9	8	16	03	xx	xx	x	979	83	8	7	4	x	x	79	80
Dacca (Tezgaon)	037	9	7	13	05	97	51	6	974	85	6	8	3	0	1	80	79
Faridpur	029	9	5	16	02	96	50	6	968	85	5	7	7	0	0	80	77
Barisal	033	9	4	00	00	95	02	6	976	80	6	0	9	6	0	77	79
Khulna	017	9	8	13	03	97	01	6	969	85	8	5	6	x	x	81	80
Satkhira	210	0	8	13	02	96	03	2	966	86	x	x	6	x	x	81	79
Jessore	024	2	8	13	05	96	03	6	962	84	6	4	5	6	x	81	79
Sirajganj	011	6	8	13	04	95	02	5	970	82	8	7	5	x	x	79	80
Bogra	020	9	7	09	03	97	02	6	973	82	5	6	6	3	0	79	80
Dinajpur	000	2	6	09	02	96	02	2	971	84	0	0	9	2	0	78	75
Rangpur	002	0	7	13	05	96	03	2	xxx	84	7	5	6	x	x	78	80
Jammu																	
Lahore (Jail Rd.)	004	0	1	13	07	96	01	0	940	88	0	0	9	0	1	77	84
Sialkot	000	0	0	13	03	97	00	0	948	84	0	0	9	0	0	74	79
Jhelum	028	9	0	18	02	97	01	9	948	86	0	0	9	0	0	76	xx
Rawalpindi	010	0	6	00	00	98	01	1	945	92	6	0	9	3	0	73	82
Khushab	000	0	7	11	05	97	03	1	932	91	7	0	9	7	0	78	86
Lyallpur	000	0	3	20	02	96	01	6	937	89	0	0	9	0	2	75	86
Montgomery	000	0	0	23	07	96	02	0	936	90	0	0	9	0	0	77	87
Multan	000	0	0	20	05	96	00	0	928	86	0	0	9	0	0	77	81
Leiah																	
Khanpur	000	0	0	18	07	95	05	0	931	86	0	0	9	0	0	77	83
Bahawalpur	000	0	0	20	02	97	00	0	928	87	0	0	9	0	0	76	84
Fort Abbas	000	0	0	23	05	95	07	0	937	91	0	0	9	0	0	77	85
Chakdara	000	0	4	xx	xx	97	03	1	912	85	4	4	7	0	0	67	67
Peshawar																	
Haripur	000	2	5	18	02	97	01	0	923	89	5	0	9	0	3	73	82
Campbellpur	000	0	5	09	02	98	01	1	925	93	5	0	8	5	0	69	88
Bannu	000	3	7	11	02	99	03	2	920	93	7	0	9	7	0	77	88
D.I. Khan	000	3	3	13	02	97	01	1	896	91	0	0	9	0	3	77	86
Sibi	000	0	0	00	00	99	00	0	922	91	0	0	9	0	0	75	91
Nokkundi	000	0	0	34	25	98	02	0	931	87	0	0	9	0	0	49	84
Turbat	000	0	0	00	00	98	00	0	xxx	02	0	0	9	0	0	83	90
Jiwani	000	0	6	13	05	96	03	2	937	85	0	0	9	3	4	78	82
Pasni	000	0	2	36	02	95	05	0	956	83	2	5	7	0	0	81	81
Ormara	000	0	0	xx	xx	98	02	1	971	85	6	0	9	2	0	82	83
Las Bela	000	0	0	12	02	98	00	0	935	68	0	0	9	0	0	74	82
Karachi (Manora)	000	6	8	25	07	95	03	5	950	83	0	0	9	7	0	82	80
Karachi (Air port)	002	3	8	25	07	96	51	5	941	81	6	6	4	2	x	80	80
Badin	000	7	9	23	02	95	[illegible]	3	940	84	0	7	9	0	0	75	xx
Nagarparkar																	
Umarkot	000	0	0	23	03	97	00	0	945	84	0	0	9	0	0	76	82
Hyderabad	000	0	8	23	09	96	03	2	935	85	6	5	6	7	x	76	82
Pad-i-dan	000	0	1	13	09	98	01	1	913	85	0	0	9	0	1	75	82
Nawabshah																	
Sukkur	000	9	0	13	03	96	00	0	921	84	0	0	9	0	0	70	81
Reti																	
Jacobabad	000	0	1	18	15	96	03	0	925	86	0	0	9	0	1	82	84
Veraval																	
Jalalabad																	
Muscat	000	0	4	31	05	99	03	0	937	94	0	0	8	0	3	79	91
Kowait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	000	0	0	00	00	98	00	0	067	76	0	0	9	0	0	31	60
Aliabad *																	
Gilgit *																	
Murree *	206	9	2	11	03	96	01	9	388	71	2	0	7	8	0	62	59
Drosh *	003	9	5	00	00	96	03	9	377	87	5	2	7	0	0	59	77
Cherat *	000	3	4	18	02	96	01	2	388	79	4	0	9	5	0	70	75
Kakul *	240	6	3	31	02	97	01	9	396	76	1	2	7	1	0	67	65
Landi Kotal *	000	9	7	00	00	96	05	9	385	83	7	5	6	0	0	68	78
Parachinar *	100	3	4	00	01	97	02	0	793	67	4	0	8	0	x	58	xx
Miranshah *	000	0	4	00	00	99	00	0	435	89	0	0	9	4	0	82	85
Wana *	000	0	0	07	01	96	00	0	381	86	0	0	9	0	0	67	78
Fort Sandeman *	006	0	0	00	00	96	00	0	384	88	0	0	9	0	0	65	75
Hindubagh *	000	0	0	23	09	98	00	0	376	83	0	0	9	0	0	57	73
Loralai *	000	0	0	00	00	98	00	0	487	77	0	0	9	0	0	65	69
Harnai *	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	0	05	02	95	00	0	374	81	0	0	9	0	0	68	67
Chaman *	000	0	0	20	11	97	00	0	388	85	0	0	9	0	0	xx	78
Kalat *	000	0	0	00	00	98	00	0	400	79	0	0	9	0	0	53	62
Nushki *	000	0	0	13	04	97	00	0	489	85	0	0	9	0	0	62	83
Dalbandin *	000	0	0	00	00	95	05	0	394	91	0	0	9	0	0	46	85
Panjgur *	000	0	0	00	00	98	00	0	481	84	0	0	9	0	0	57	80
Kabul *																	
Kandahar *																	

Departure from Normal of / Rainfall

Station (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1957 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	- 1	0	64.3	+ 12.9	75.1	104
Chittagong	0	0	29.0	- 5.5	36.4	108
Maijdee Court	0	0	2.9	- 4.2	39.2	115
omilla	- 1	+ 1	25.1	- 1.2	36.9	194
Brahmanbaria	—	—	24.5	+ 3.6	42.3	78
Sylhet	—	—	38.6	—	89.0	..
Srimangal	—	—	34.8	+ 7.2	61.6	98
Mymensingh	+ 2	+ 2	30.8	+ 3.4	41.5	91
Narayanganj	+ 2	+ 1	26.7	+ 6.3	42.9	74
Dacca (Tezgaon)	—	—	25.0	—	43.9	..
Faridpur	- 1	- 1	19.5	- 0.6	31.5	71
Barisal	+ 1	0	21.3	- 3.4	28.3	81
Khulna	+ 3	+ 2	19.1	- 2.3	27.0	68
Satkhira	+ 1	+ 1	14.5	- 6.2	20.3	65
Jessore	—	—	22.0	+ 2.8	26.3	65
Sirajganj	+ 5	+ 1	33.1	+ 13.8	44.1	64
Bogra	0	+ 1	32.6	+ 12.2	40.1	69
Dinajpur	+ 2	- 4	21.5	- 2.3	24.8	72
Rangpur	- 1	+ 2	25.5	- 3.2	34.3	84
Jammu						
Lahore (Jail Rd.)	+ 7	+ 5	0.9	- 4.0	9.5	19
Sialkot	+ 7	- 1	2.8	- 5.6	26.1	32
Jhelum	—	—	1.8	—	12.6	..
Rawalpindi	+ 11	+ 5	1.8	- 4.9	17.8	36
Khushab	+ 7	+ 4	1.2	- 2.3	10.0	15
Lyallpur	+ 2	+ 4	2.9	- 0.1	9.1	12
Montgomery	+ 1	+ 3	0.2	- 2.5	4.0	10
Multan	+ 3	- 4	0.7	- 0.9	4.0	7
Leiah						
Khanpur	0	0	0	- 1.5	1.0	6
Bahawalpur	0	0	1.0	- 0.4	2.3	6
Fort Abbas	—	—	1.1	—	4.1	8
Chakdara	—	—	0.8	—	15.7	
Peshawar	+ 7					14
Haripur	—	—	1.4	—	15.5	..
Campbellpur	—	—	0.5	—	15.9	..
Bannu	—	—	0.1	—	7.1	11
D.I. Khan	0	+ 3	1.0	- 0.8	6.5	10
Sibi	—	—	0.3	—	5.3	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	..
Jiwani	—	—	0	—	3.1	4
Pasni	+ 2	+ 3	0	- 0.5	6.2	6
Ormara	—	—	0	- 0.4	3.8	6
Las Bela		—	1.0	—	2.1	8
Karachi (Manora)	+ 2	- 1	0.5	- 2.1	0.9	8
Karachi (Air port)	—	—	0.7	—	1.1	9
Badin	- 7	x	0	- 2.7	1.3	..
Nagarparkar						..
Umarkot	—	—	2.8	—	2.8	..
Hyderabad	- 1	+ 1	0.2	- 2.0	2.0	..
Pad-i-dan	—	—	0	—	1.2	..
Nawabshah	—	—				..
Sukkur	—	—	0	—	2.8	4
Reti						..
Jacobabad	- 3	- 1	0	- 0.8	3.5	4
Veraval						20
Jalalabad						..
Muscat	+ 7	+ 4	0	- 0.1	6.9	4
Kowait						5
HILL STATIONS						
Srinagar *						26
Gulmarg **						..
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **	—	—	—	—	—	..
Aliabad *						..
Gilgit *						
Murree *	+ 9	+ 1	7.6	- 3.5	41.5	59
Drosh *	+ 9	+ 4	0.7	- 3.2	22.7	18
Cherat *	+ 11	+ 4	1.2	- 2.5	21.9	29
Kakul *	—	—	4.8	—	32.4	..
Landi Kotal *	—	—	0.2	—	14.5	..
Parachinar *	x	x	3.4	—	22.5	29
Miranshah *	—	—	0.5	- 1.4	12.7	13
Wana *	—	—	0.2	—	12.3	11
Fort Sandeman *	+ 2	0	0.8	- 1.0	11.3	11
Hindubagh *	—	—	0	—	12.3	..
Loralai *	—	—	1.6	—	10.4	..
Harnai *	x	x	0.6	- 1.5	12.9	14
Quetta *	—	—	0	- 0.3	9.5	9
Chaman *	+ 6	+ 2	0	- 0.1	10.2	8
Kalat *	+ 6	0	0	- 0.6	8.4	..
Nushki *	—	—	0	—	8.0	..
Dalbandin *	+ 4	+ 8	0	0	4.4	..
Panjgur *	+ 5	+ 3	0	—	4.2	4
Kabul *						
Kandahar *						

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day (Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

FRIDAY, THE 19th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_2L_3$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ocean Endurance	53 211	674 06	7 27 22	96 03 2	971 84	37 5 70	7 2 7xx	..	0 51 xx	1 27 35
Kohomeru	53 161	697 12	7 25 28	97 02 2	030 82	78 5 00	7 5 xxx	..	0 00 8x	
Ocean Endurance	53 225	673 12	7 27 22	97 02 2	934 85	37 5 9x	7 3 7xx	..	0 01 xx	1 27 35
Ocean Endurance	53 234	674 18	3 27 22	97 01 1	944 83	21 6 xx	7 3 2xx	..	0 52 xx	1 27 35

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface (PPP TTT $T_dT_dT_d$)	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	991 288 265	..	..	360 292 242	..	111 175 022	393 062 545	852 508 648	596 628 732	736 760	253 999	..	678 255
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	821 219 149	Missda											

STATION	Time of ascent in G. M. T.	At Significant Levels (PPP TTT $T_dT_dT_d$)									Max. Height Reached (PPP TTT $T_dT_dT_d$)	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 232 215	890 222 215	824 295 142	800 295 132	530 548 458	504 508 635	350 695 788	260 840 999	250 838 999	059 175 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Missda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb : Dew Point temperatures (in tenths of 9C.
Se-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra ..	10 15	11 17	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..
Chhor ..	21 19		..	..	..	..	..	..	..
Chittagong ..	No	ascent	..	..	..	..	..	..	..
Cox's Bazar ..	No	ascent	..	..	..	..	..	..	..
Dacca ..	13 19	14 29	14 32	14 30	14 26	14 22	..	..	..
Dalhandih ..	..	..	10 04	10 04	08 04	34 11	31 17	30 19	30 19
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	22 10	22 19	22 11	..	..	..
Port Sandeman ..	..	..	..	11 05	18 04	20 12	29 15	29 28	29 14
Jacobabad ..	16 13	16 12	16 10	16 08	36 07	26 04	24 02	28 02	23 02
Jessore ..	..	..	..	..	..	..	..	..	..
Jhelum ..	13 08	14 09	11 05	15 05	..	..	..	..	..
Jiwani ..	27 17	28 26	28 27	29 20	30 16	32 15	..	..	..
Karachi ..	23 06	23 06	..	..	..	..	..	..	..
Khanpur ..	19 08	18 08	19 08	19 10	24 04	34 06	02 10	36 06	35 05
Lahore ..	22 11	21 06	22 07	24 09	27 07	30 13	..	..	..
Multan ..	22 09	20 09	20 12	18 16	14 09	08 05	35 15	32 21	32 15
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	33 06	33 05	30 05	..	..
Quetta ..	..	..	..	..	..	..	..	..	..
Sharjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	16 15	14 13	15 10	15 17	14 14	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra ..	11 21	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..
Chhor ..	21 22	22 29	..	..	..	..
Chittagong ..	17 17	17 18				
Cox's Bazar ..	20 29	20 28	21 23	21 25	21 39	..
Dacca ..	15 15	15 11	16 10	16 14	17 12	16 15
Dalhandih ..	..	..	01 12	34 12	34 22	34 24
D. I. Khan ..						
Drosh ..	..	..			21 07	20 12
Port Sandeman ..				30 03	21 05	29 06
Jacobabad ..	12 08	13 06	13 07	23 08	25 03	04 06
Jessore ..						
Jhelum ..	12 10	14 20	14 19	15 03	24 08	33 06
Jiwani ..	22 12	28 14	30 17	30 23	34 14	02 08
Karachi ..	27 15	28 16	..	..	..	..
Khanpur ..	21 27	22 27	22 25	25 12	22 15	34 12
Lahore ..	13 10	22 11	23 05	25 13	25 14	21 11
Multan ..	19 35	20 39	21 37	22 40	..	..
Muscat ..	..	..	..			
Panjgur ..						
Peshawar ..	..	22 04	15 03	11 03	07 05	27 07
Quetta ..	..	..	..	..	33 07	33 10
Sharjah ..						
Sylhet ..	13 14	15 20	17 25	..	..	..
Veraval ..						

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	10 16	11 15	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	16 21	17 32	18 35		..	..	..	..	..	..	..
Cox's Bazar ..			No	ascent	..	..	..	..	..	..	..
Dacca ..	16 16	16 14	17 14	17 15							
Dalhandih ..	..	..	02 03	21 03	30 12	30 25	30 32	..	..	..	..
D. I. Khan ..			..	..							
Drosh ..	..	..	..		23 09	17 05	23 05	..	..	..	..
Port Sandeman ..				05 02	03 05	34 07	29 09	24 15	24 19	27 21	28 27
Jacobabad ..	14 07	25 02	23 03	32 09	32 13	33 16	03 06	25 03	28 02	03 03	13 19
Jessore ..											
Jhelum ..	13 08	14 12	14 15	15 08	19 06	21 04	30 07	29 13	..	..	..
Jiwani ..	07 06	05 05	05 05	08 13	08 05	36 04	01 08	36 15	01 19	..	..
Karachi ..	26 19										
Khanpur ..	19 08	17 07	16 06	17 03	15 03	35 10	33 10	20 01	28 09	36 12	30 03
Lahore ..	13 05	14 06	12 12	10 02	01 02	29 05	32 13	34 17	33 16	30 17	27 20
Multan ..	18 10	19 11	16 15	15 15	19 09	..	..	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..							
Quetta ..	..	..	..	..	29 07	28 14	28 18	28 19	28 19	28 12	25 10
Sharjah ..											
Sylhet ..	13 11	13 15	15 15	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	24 15	25 17	28 14	29 21	34 14	29 07	36 15	05 15	05 12	07 10	08 19	08 12	08 15	09 19	08 40	08 42	06 31	09 46
Peshawar ..																		
Quetta ..																		

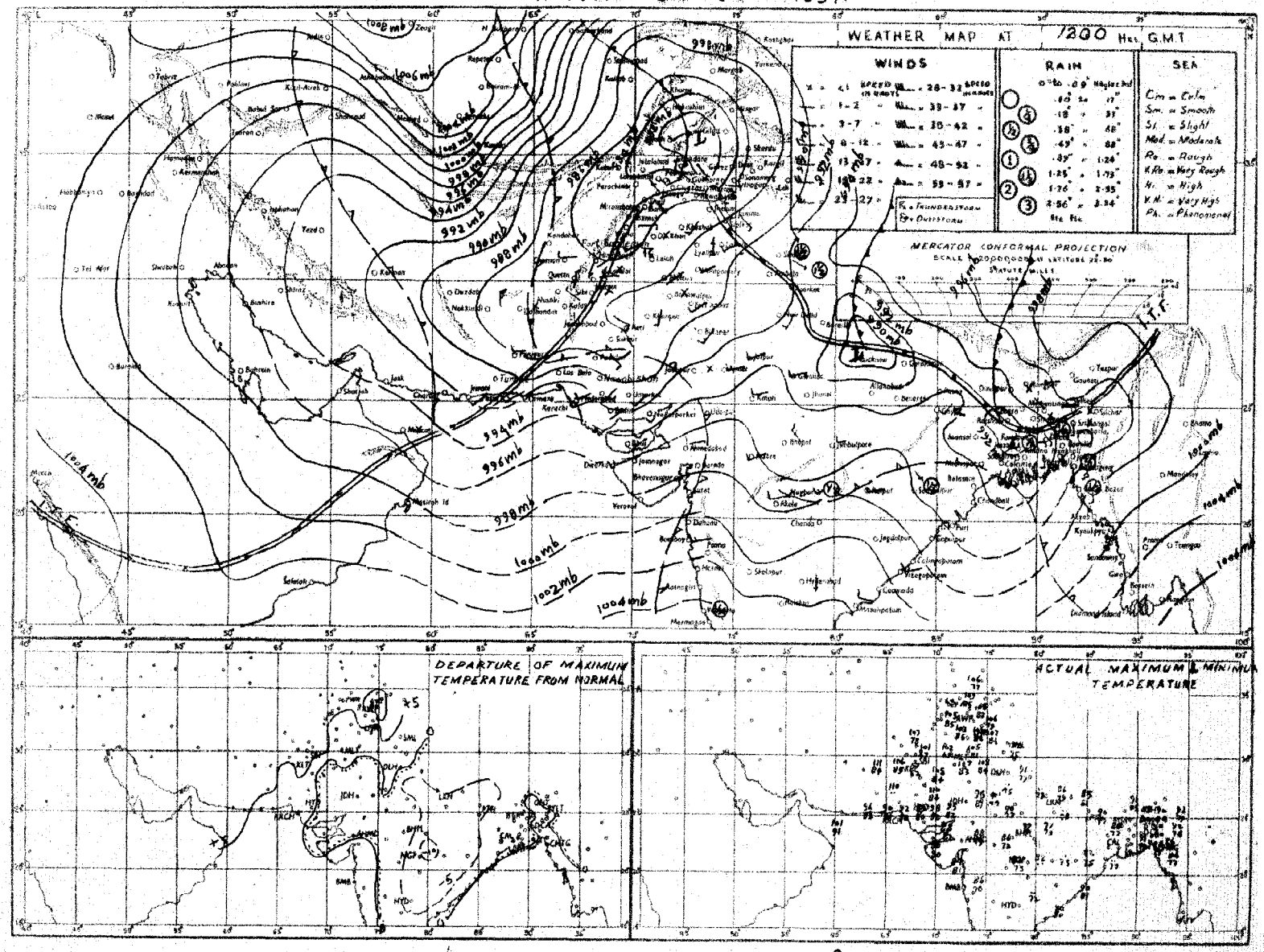
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_tv_r$ etc)

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, KARACHI11.

PAKISTAN DAILY WEATHER MAP

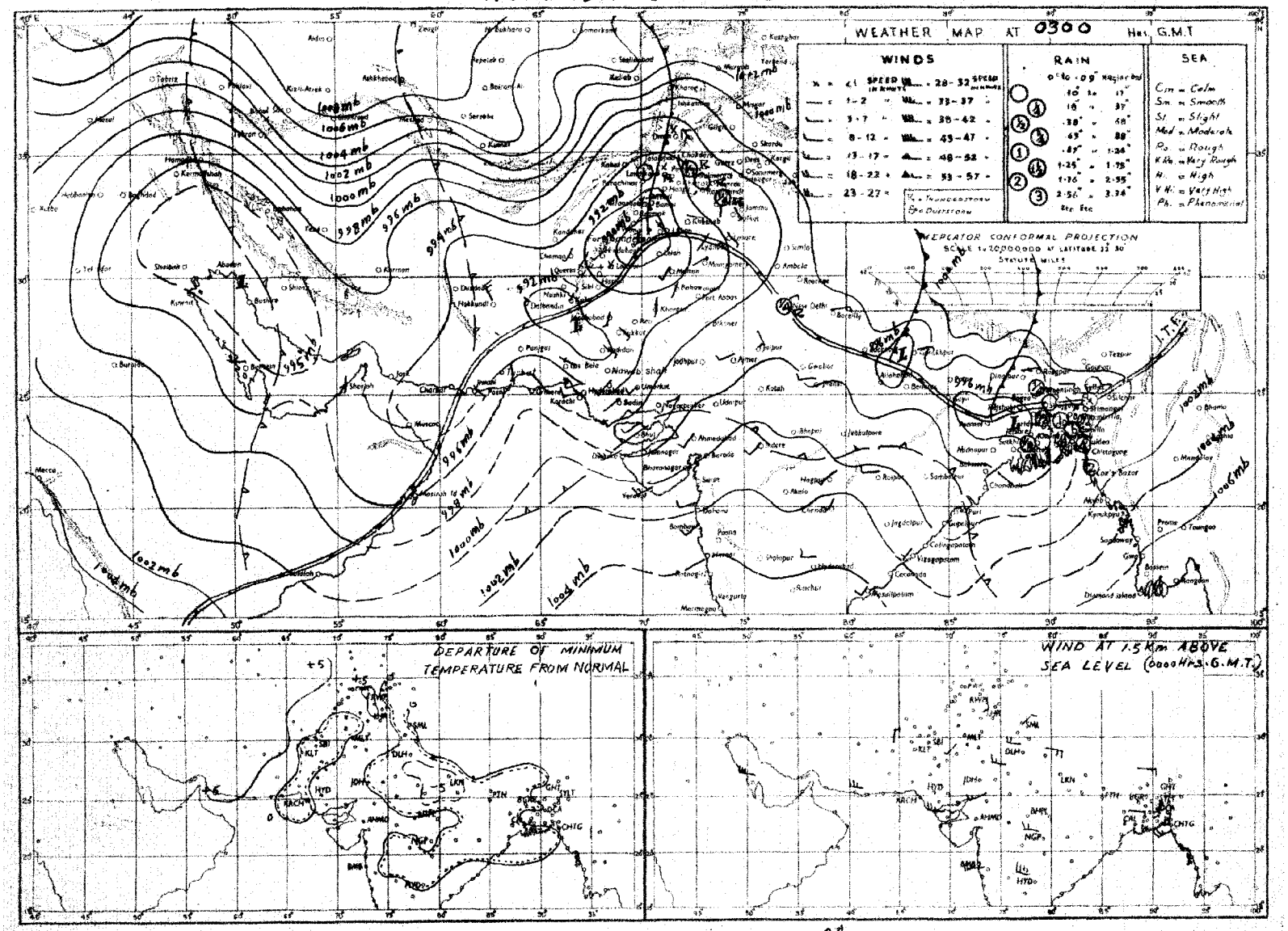
THURSDAY 18th JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 19th JULY 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SATURDAY, THE 20th JULY, 1957

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

Yesterday's low pressure wave over the extreme north of West Pakistan is affecting Rawalpindi and the adjoining divisions. It has caused widespread thundershowers in Lahore and Rawalpindi divisions, fairly widespread in Peshawar division, local in D. I. Khan division and scattered in Multan and Quetta divisions.

Rainfall has also been fairly widespread in Chittagong and Dacca divisions and scattered in Rajshahi division.

Chief amounts of rainfall are:—Chittagong 4"; Lahore 3"; Dacca and Bannu 1½" each; Barisal 1"; Khushab and Wana ½" each; Sylhet, Khulna, Sirajganj, Bogra, Jhelum, Rawalpindi, Murree, Haripur and Miranshah ½" each and Comilla, Sialkot, Kakul and Fort Sandeman ¼" each.

Day temperatures were 2-5°F below normal in Chittagong, Hyderabad, Khairpur and Quetta divisions.

Forecast valid until the evening of 21st:—Fairly widespread rain will occur in East Pakistan. Thunderstorm/showers will be fairly widespread in Lahore and Rawalpindi divisions, local in Peshawar and D. I. Khan divisions and scattered in Bahawalpur, Multan and Quetta divisions.

Karachi-11.
The 20th July, 1957.

ABDUL MAJID KHAN.
for Director. Meteorological Service.

OBSERVATIONS

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature° (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F. (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	172	9	8	18	07	95	61	6	989	78	8	9	6	2	×	77	80
	Chittagong	077	8	8	16	09	95	62	6	976	78	8	7	3	×	×	77	82
	Maijdee Court	000	3	8	00	00	96	02	2	947	84	8	5	5	×	×	78	86
	Comilla	025	5	5	18	10	99	01	6	962	82	5	5	5	0	0	78	85
	Brahmanbaria	012	4	7	13	07	97	03	6	985	83	7	5	3	0	0	79	87
	Sylhet	046	9	7	18	05	95	63	6	967	81	3	4	5	7	0	79	89
	Srimangal	004	6	7	13	02	97	02	6	989	85	6	4	6	0	1	76	88
Dacca	Mymensingh	011	3	8	13	02	96	02	6	958	85	8	4	4	×	×	78	87
	Narayanganj	000	9	7	09	05	95	03	2	986	85	6	4	4	0	8	70	90
	Dacca (Tejgaon)	000	9	7	13	05	97	03	1	948	74	6	4	3	0	1	81	88
	Faridpur	000	8	8	18	02	96	02	2	947	86	5	4	7	1	0	81	89
	Barisal	000	4	6	18	01	95	03	5	945	86	5	6	6	7	0	82	87
Rajshahi	Khulna	056	6	8	18	02	97	01	6	950	82	8	5	6	×	×	80	88
	Satkhira	000	0	6	18	02	97	03	2	944	85	4	6	7	9	0	80	88
	Jessore	000	4	6	09	03	97	03	5	930	85	6	6	6	0	0	79	90
	Sirajganj	000	0	8	13	01	96	00	0	941	86	8	4	9	×	×	81	88
	Bogra	027	8	3	13	02	96	01	6	942	85	3	2	6	×	0	81	88
	Dinajpur	001	8	4	09	02	96	01	2	948	87	2	5	7	0	9	79	90
	Rangpur	000	0	4	09	05	96	01	2	×××	87	3	4	6	1	0	79	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	2	4	13	03	96	01	9	912	99	4	3	7	0	0	76	02
	Sialkot	000	0	9	05	13	96	09	2	921	91	9	×	0	×	×	74	00
Rawalpindi	Jhelum	000	2	2	13	05	95	05	0	916	97	2	2	8	0	0	74	98
	Rawalpindi	000	0	7	27	05	95	17	×	921	87	7	3	6	0	0	67	97
	Khushab	000	0	5	16	05	97	03	0	906	03	3	9	6	7	0	72	05
Multan	Lyallpur	000	0	6	16	02	96	02	0	906	00	6	0	9	4	0	76	00
	Montgomery	000	0	1	18	03	96	03	0	906	02	1	1	8	0	0	79	03
	Multan	000	0	0	23	05	96	00	0	904	04	0	0	9	0	0	72	04
Bahawalpur	Leiah																	
	Khanpur	000	0	0	20	05	95	05	0	895	06	0	0	9	0	0	78	06
	Bahawalpur	000	0	0	00	00	97	00	0	907	01	0	0	9	0	0	89	03
	Fort Abbas	000	0	2	23	03	96	03	0	912	05	2	1	6	0	0	79	06
Peshawar	Chakdara	000	0	0	00	00	98	17	2	874	93	6	5	7	0	0	65	97
	Peshawar	053	2	6	18	10	97	17	9	871	82	4	3	6	2	0	73	03
	Haripur	015	9	8	27	02	96	17	6	907	89	8	3	6	×	×	75	99
	Campbellpur	000	4	8	23	02	97	50	5	912	89	8	3	6	×	×	69	00
D. I. Khan	Bannu	046	1	6	02	02	97	01	6	925	77	6	5	6	0	0	75	01
	D.I. Khan	000	0	0	23	02	98	00	0	905	01	0	0	9	0	0	79	02
Quetta	Sibi	000	0	0	13	02	99	00	0	884	09	0	0	9	0	0	66	10
Kalat	Nokkundi	000	0	0	34	19	98	02	0	908	01	0	0	9	0	0	35	04
	Turbat	000	0	0	00	00	97	00	0	×××	10	0	0	9	0	0	76	23
	Iwani	000	0	5	18	09	96	03	1	921	91	5	0	9	3	0	80	93
	Pasni	000	0	2	27	10	95	05	0	937	91	0	0	9	0	0	81	93
	Ormara	000	0	0	××	××	98	00	0	935	92	0	0	9	0	0	84	93
	Las Bela	000	0	0	13	04	98	00	0	914	03	0	0	9	0	0	78	07
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	12	96	03	2	910	88	8	0	9	7	×	85	89
	Karachi (Air port)	000	0	8	23	07	96	03	5	934	85	4	6	5	3	×	81	86
	Badin	000	0	8	23	07	97	20	3	943	89	0	8	9	0	0	76	92
	Nagarparker	×××	×	9	13	02	96	20	3	—	—	9	4	9	4	3	—	—
	Umarkot	000	0	0	23	05	97	00	0	906	75	0	0	9	0	0	77	97
	Hyderabad	000	0	2	20	09	97	03	2	922	92	2	5	6	0	0	76	98
Khairpur	Pad-i-dan	000	0	1	18	09	98	02	1	892	06	0	0	9	0	1	71	07
	Nawabshah																	
	Sukkur	000	0	0	25	02	96	00	0	890	03	0	0	9	0	0	78	04
	Rohri																	
	Jacobabad	000	0	0	18	09	96	02	0	893	04	0	0	9	0	0	74	04
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Area Ms	Muscat	000	0	0	36	05	99	00	0	925	96	0	0	9	0	0	79	99
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	067	70	0	0	9	0	0	37	75
	Abbottabad *																	
	Gilgit *																	
Peshawar	Murree *	002	3	8	00	00	97	03	9	393	70	8	9	3	×	×	63	75
	Drosh *	006	4	4	23	05	96	01	9	334	94	4	2	7	0	0	56	96
	Chitral *	002	3	8	18	07	96	02	9	377	72	8	3	6	×	×	67	89
D. I. Khan	Kakul *	000	0	3	31	03	97	95	9	393	82	6	9	7	6	0	67	87
	Landi Kotal *	015	3	5	02	03	97	01	9	358	84	5	0	9	7	0	63	94
	Parachinar *	000	0	0	13	02	99	00	0	793	85	0	0	9	0	0	61	××
Quetta	Miranshah *	000	0	4	05	02	99	00	0	442	88	0	0	8	4	0	84	97
	Wana *	043	2	3	00	00	96	60	1	381	82	3	0	8	6	0	69	93
	Fort Sandeman *	000	0	6	33	05	96	03	1	362	93	6	0	9	7	0	57	00
	Hindubagh *	000	0	0	27	09	98	00	0	325	95	0	0	9	0	0	51	97
	Loralai *	000	0	6	23	02	98	02	1	510	94	6	0	9	5	0	64	96
Kalat	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	23	16	95	07	0	374	92	0	0	9	0	0	45	96
	Chaman *	000	0	0	20	07	96	00	0	380	95	0	0	9	0	0	89	97
	Kalat *	000	0	0	27	09	98	00	0	376	87	0	0	9	0	0	53	91
	Nushki *	000	0	0	36	20	95	07	0	456	05	0	0	9	0	0	59	06
Afghanistan	Dalbandin *	000	0	0	31	12	94	07	0	382	06	0	0	9	0	0	45	10
	Panjgur *	000	0	0	31	07	98	00	0	409	02	0	0	9	0	0	47	03

DIVISIONS.	STATION	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)** (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F. (TdTd)	Minimum temperature °F. (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Departure from Normal of: Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1957 to date	Rainfall: Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar																		- 5					104
	Chittagong	409	9	8	16	09	95	63	6	004	78	8	7	3	×	×	78	77	- 4	0	33.1	- 2.1	40.5	108
	Maijdee Court																		0					115
	Comilla	030	9	8	18	05	99	50	6	980	81	8	5	5	×	×	80	77	- 3	0	25.4	- 2.4	37.2	194
	Brahmanbaria	012	0	8	11	09	97	03	2	986	82	8	5	3	×	×	76	79	—	—	24.7	+ 3.5	42.4	78
	Sylhet	054	9	7	09	05	96	01	6	994	84	3	5	5	4	0	79	79	—	—	39.1	—	89.5	
	Srimangal	004	0	8	00	00	97	02	2	996	84	8	4	6	×	×	77	77	—	—	34.8	+ 6.9	61.8	98
Dacca	Mymensingh	011	0	8	09	02	97	02	2	989	82	8	4	5	×	×	76	78	- 1	0	30.9	+ 3.1	41.7	91
	Narayanganj	007	9	8	13	03	94	03	2	981	83	8	7	4	×	×	79	80	+ 2	+ 1	26.8	+ 5.9	42.9	74
	Dacca (Tejgaon)	165	9	8	13	05	97	02	6	977	82	6	5	4	1	×	78	79	—	—	26.6	—	45.6	
	Faridpur	015	9	8	00	00	96	50	5	068	83	3	7	6	0	0	82	79	+ 1	+ 1	19.7	- 0.8	31.6	71
	Barisal	120	9	8	00	00	95	63	6	980	87	5	7	9	6	0	77	78	0	- 1	22.5	- 2.8	39.5	81
Rajshahi	Khulna	067	9	8	00	00	97	03	6	985	81	8	5	6	×	×	79	79	0	+ 1	19.8	- 2.1	27.6	68
	Satkhira	000	0	8	23	03	96	03	2	983	82	×	×	6	×	×	79	80	- 1	+ 2	14.5	- 6.6	20.3	65
	Jessore	000	0	8	23	05	96	03	2	975	83	8	7	5	×	×	79	80	—	—	22.0	+ 2.4	26.3	65
	Sirajganj	042	6	8	09	02	96	02	6	970	83	8	4	5	0	0	79	79	0	0	33.5	+ 13.6	44.5	64
	Bogra	041	1	6	09	02	97	01	6	972	82	6	6	6	0	0	79	79	- 1	0	33.0	+ 12.3	40.5	69
	Dinajpur	001	2	7	09	02	96	02	2	982	86	7	4	7	0	0	77	76	+ 1	- 3	21.5	0.0	24.8	72
	Rangpur	000	0	5	09	09	96	01	2	×××	85	3	5	6	2	0	78	79	+ 1	+ 1	25.5	- 3.6	34.3	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	259	9	6	13	03	96	03	9	979	81	2	3	6	0	9	74	74	+ 2	- 5	3.5	- 1.6	12.1	19
	Sialkot	037	9	6	31	02	98	02	6	983	79	3	4	6	3	×	76	73	+ 3	- 7	3.2	- 5.4	26.4	92
Rawalpindi	Jhelum	068	8	8	27	02	98	02	9	993	80	8	0	9	7	×	72	73	—	—	2.5	—	13.3	
	Rawalpindi	060	9	6	00	00	99	01	9	986	81	6	0	9	3	0	76	73	0	- 4	2.4	- 4.5	18.4	36
	Khushab	037	3	7	09	03	99	01	9	991	79	7	9	6	0	0	××	74	+ 3	- 8	2.0	- 1.4	10.7	15
Multan	Lyallpur	016	6	7	34	02	96	02	9	985	79	7	2	8	0	0	74	77	- 1	- 5	3.1	0.0	9.3	22
	Montgomery	000	9	6	00	00	96	03	5	971	86	0	0	9	7	0	76	82	0	- 2	0.2	- 2.5	4.0	30
	Multan	000	0	7	36	05	96	03	2	938	84	2	2	8	2	2	77	80	+ 2	- 5	0.7	- 0.9	4.0	7
Bahawalpur	Leiah																							
	Khanpur	000	0	0	20	05	96	00	1	964	87	0	0	9	0	0	77	85	- 1	+ 2	0	- 1.5	1.9	6
	Bahawalpur	000	0	2	00	00	97	00	0	964	89	2	0	9	0	2	81	87	- 2	+ 3	1.0	- 0.5	2.3	6
	Fort Abbas	000	0	3	31	02	97	02	0	966	96	3	1	6	0	0	79	88	—	—	1.1	—	4.1	8
Peshawar	Chakdara	012	0	6	09	××	97	02	2	959	77	0	×	7	8	×	68	59	—	—	1.0	—	15.8	
	Peshawar																		+ 1					14
	Haripur	045	9	4	36	02	97	03	6	987	78	4	1	6	×	×	71	73	—	—	1.9	—	16.0	
	Campbellpur	008	9	7	13	02	99	03	6	986	82	5	3	6	5	0	72	76	—	—	0.6	—	16.0	
D. I. Khan	Bannu	128	3	5	36	02	99	01	2	982	79	5	1	6	0	0	75	75	—	—	1.4	—	8.4	11
	D.I. Khan	000	3	7	31	02	97	03	1	988	78	7	7	8	0	0	73	74	- 1	- 9	1.0	- 1.0	6.5	10
Quetta	Sibi	000	9	6	34	09	99	03	1	957	90	0	0	9	3	0	76	89	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	34	19	98	02	0	94	89	0	0	9	0	0	32	84	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	98	00	0	991	89	0	0	9	0	0	82	88	—	—	2.5	—	5.9	
	Iwani	000	0	0	13	05	97	02	0	957	85	0	0	9	0	0	78	83	—	—	0	—	3.1	4
	Pasni	000	0	7	25	07	94	05	0	970	85	7	5	7	0	0	81	82	+ 2	+ 4	0	- 0.5	6.2	4
	Ormara	000	0	7	00	00	98	02	0	962	85	7	0	9	4	0	82	83	—	—	0	- 0.4	3.8	6
	Las Bela	000	0	0	66	02	99	00	0	984	89	0	0	9	0	0	74	84	—	—	1.0	—	2.1	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	07	95	03	2	959	83	3	7	5	7	0	82	80	+ 1	- 1	0.5	- 2.1	0.9	8
	Karachi (Air port)	000	0	8	23	07	96	20	2	960	84	6	6	4	2	×	80	81	—	—	0.7	—	1.1	9
	Badin																		- 5					
	Nagarparker																		—					
	Umarkot	000	0	7	23	03	97	00	0	939	81	0	0	9	0	0	79	80	—	—	2.8	—	2.8	
	Hyderabad	000	0	4	20	10	97	01	2	949	85	4	5	6	0	0	76	82	- 1	+ 1	0.2	- 2.1	2.0	
Khairpur	Pad-i-dan	000	0	1	13	09	97	01	1	944	86	0	0	9	0	1	76	83	—	—	0	—	1.2	
	Nawabshah																							
	Sukkur	000	2	1	16	02	96	01	0	949	85	0	0	9	0	1	77	83	—	—	0	—	2.8	4
	Rohri																							
	Jacobabad	000	0	0	09	07	96	02	0	954	89	0	0	9	0	0	77	85	- 4	0	0	- 0.9	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							
Area Ms	Muscat	000	9	6	27	03	99	02	2	941	95	0	0	8	0	2	77	91	+ 5	+ 4	0	- 0.1	6.9	4
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							5
	Gulmarg **																							26
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
Rawalpindi	Murree *																		—	—				
	Abbottabad *																							
	Gilgit *																							
Peshawar	Murree *	057	9	6	00	00	97	02	9	421	63	4	3	3	5	0	53	60	+ 2	+ 2	8.2	- 2.3	42.1	59
	Drosh *	010	9	5	00	00	96	03	9	402	78	5	2	7	0	0	58	70	- 1	- 3	0.8		22.9	19
	Chitral *	002	0	1	18	02	97	03	6	427	72	0	0	9	0	2	64	67	0	- 4	1.2	- 2.8	21.9	29
D. I. Khan	Kakul *	023	7	7	16	02	97	01	9	420	73	8	7	6	0	0	66	68	—	—	5.1	—	32.6	
	Landi Kotal *	015	9	1	××	29	90	03	0	407	78	1	5	6	0	0	76	71	—	—	0.4	—	14.6	
	Parachinar *	000	0	8	00	00	99	00	6	791	79	8	5	8	0	0	62	××	×	×	3.4	—	22.5	29
Quetta	Miranshah *	064	3	8	00	00	97	03	1	461	75	8	5	7	0	0	72	69	—	—	1.1	- 0.8	13.4	13
	Wana *	037	0	4	00	00	98	60	9	400	76	4	3	8	0	0	65	70	—	—	1.0	—	13.1	11
	Fort Sandeman *	032	8	8	23	02	96	03	0	415	75	8	7	6	-	-	69	74	0	- 1	1.1	- 0.8	11.7	11
	Hindubagh *	000	0	0	23	09	97	00	0	383	77	0	0	9	0	0	49	72	—	—	0	—	12.3	
	Loralai *	000	0	0	00	00	98	00	0	466	79	0	0	9	0	0	69	72	—	—	1.6	—	10.4	
Kalat	Harnai *	000	0	8	23	01	96	00	0	—	—	0	0	9	0	0	—	—	×	×	0.6	- 1.6	12.9	14
	Quetta *	000	0	0	00	00	94	00	0	386	78	0	0	9	0	0	40	62	—	—	0	- 0.4	9.5	9
	Chaman *	000	0	0	20	09	96	07	0	446	78	0	0	9	0	0	49	73	- 4	- 3	0	- 0.1	10.2	8
	Kalat *	000	0	8	11	02	98	00	0	406	76	0	0	9	0	0	53	60	0	- 2	0	- 0.6	8.4	
	Nushki *	000	0	0	36	04	97	00	0	488	89	0	0	9	0	0	49	80	—	—	0	—	8.0	
Afghanistan	Dalbandin *	000	0	0	27	05	94	05	0	394	83	0	0	9	0	0	40	77	0	0	0	0	4.4	
	Panjgur *	000	0	0	05	02	98	00	0	413	83	0	0	9	0	0	55	80	- 2	+ 3	0	—	4.2	4

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(°Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SATURDAY, THE 20th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Esso Cambridge	63 235	590 06	2 18 05	99 01 1	921 96	00 9 01	3 6 xxx	..	0 06 83	1 00 xx
President Coloradge	63 226	640 06	7 25 23	97 02 2	939 80	76 5 00	5 6 207	..	0 54 77	1 25 33
Pendra	63 245	578 12	1 31 09	98 03 0	924 93	00 9 09	3 5 xxx	..	0 01 86	1 35 21
Esso Cambridge	63 221	599 12	2 22 15	96 03 1	930 76	00 9 01	4 6 xxx	..	0 04 70	1 22 58
Kohomaru	63 198	652 12	7 23 32	97 02 2	970 82	74 4 00	7 5 xxx	..	0 00 84	..
Dwarka	63 249	638 12	8 18 12	97 02 1	920 85	80 9 2x	2 5 704	..	0 05 78	1 18 20
Kohomaru	63 206	638 18	6 24 39	96 02 2	972 81	56 3 21	7 5 xxx	..	0 52 82	..
BAY OF BENGAL										
Wonorato	63 182	876 12	8 23 20	98 01 2	093 86	52 4 6x	1 6 604	..	0 03 79	1 24 34
Sabutar	63 317	924 12	8 23 15	97 02 2	015 84	72 3 2x	7 4 400	8 7 808	0 04 80	1 23 22

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	992 285 252	451 002 452	..	400 275 212	..	084 182 142	373 048 502	823 592 605	536 625 999	969 752	251 945	..	679 285
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	821 212 112	..	..	..	..	052 122 012	326 035 999	777 545 999	482 700 999	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	910 202 208	900 215 215	800 252 205	459 535 582	..	350 678 999	250 850 999	150 105 999	071 238 999	071 238 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 195 098	685 128 525	650 092 595	576 000 999	562 518 999	557 540 999	..	..	..	557 540 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb : Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra ..	09 13	..	..	..	..	..	..	..	..
Chaldala ..			..	..	..	..	..	..	..
Chhor ..	22 08	22 15	..	..	..	..	..	..	..
Chittagong ..	No	ascent	..	..	..	..	..	..	..
Cox's Bazar ..	No	ascent	..	..	..	..	..	..	..
Dacca ..	No	ascent	..	..	..	..	..	..	..
Dalbandin ..	..	..	34 17	34 22	32 17	..	..	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	23 07	23 11	19 13	23 10	..	..
Fort Sandeman ..				12 11	14 07	35 06	26 19	30 11	29 31
Jacobabad ..	14 10	16 10	16 10	21 08	31 04	33 15	..	..	..
Jessore ..									
Jhelum ..	10 10	11 09	14 09	17 09	19 05	21 06	26 08	..	..
Jiwani ..	19 02	13 09	06 06	02 06	36 07	36 10	35 10	01 17	01 19
Karachi ..	23 20	24 15	..	..	..	..	..	..	..
Khanpur ..	18 09	18 11	18 08	18 12	16 10	34 06	36 06	31 10	30 11
Lahore ..	19 10	17 13	17 10	17 07	14 03	..	..	..	..
Multan ..	26 06	22 09	20 16	19 25	20 37	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	18 05	17 31	15 26	10 06	09 10	20 12	..	..
Quetta ..	..	..	..	..	27 17	23 06	22 13	..	..
Sharjah ..									
Sylhet ..	08 04	16 07	16 10	18 17	..	..	..	..	..
Veraval ..	..				..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra ..	13 15	..	..	..	..	..
Chaldala ..						
Chhor ..	23 12	23 17	..	..	..	..
Chittagong ..	No	ascent				
Cox's Bazar ..	No	ascent				
Dacca ..	14 08	16 13	17 14	17 15	16 13	16 18
Dalbandin ..	..	..	24 15	28 11	32 20	32 39
D. I. Khan ..						
Drosh ..	..	..			22 02	21 04
Fort Sandeman ..				30 12	13 03	21 05
Jacobabad ..	25 12	17 12	19 09	34 05	29 05	26 03
Jessore ..						
Jhelum ..	26 08	28 13	30 13	35 14	21 11	27 16
Jiwani ..	23 03	19 03	34 03	36 05	29 01	
Karachi ..	26 17	..	..	..	..	
Khanpur ..	20 17	20 18	19 10	12 03	21 05	34 13
Lahore ..	12 08	14 15	15 11	24 10	30 12	32 12
Multan ..	26 15	06 13	26 25	25 34	24 43	..
Muscat ..	..	..	..	..	..	
Panjgur ..	..					
Peshawar ..	..	16 02	14 07	15 10	22 12	26 15
Quetta ..	..	..	..	..	25 13	24 14
Sharjah ..						
Sylhet ..	11 08	14 11	12 19	15 15	12 11	..
Veraval ..					..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	10 13	10 20	10 19	..	..	..	..	..	..	..	..
Chaldala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	No	ascent									
Cox's Bazar ..				..	..	..	..	..	..	..	..
Dacca ..	19 07	19 12									
Dalbandin ..	..	..	27 05	29 05	32 15	32 23	31 24	..	..	..	..
D. I. Khan ..			..	..							
Drosh ..	..	..			26 04	22 03	20 08	20 09	20 14	19 11	24 12
Fort Sandeman ..				35 08	36 04	20 06	27 07	..	..	..	..
Jacobabad ..	12 06	11 07	08 07	04 07	35 10	32 12	29 12	32 09	24 06	26 08	32 04
Jessore ..											
Jhelum ..	02 02	02 04	01 06	36 07	27 02	35 08	33 08	30 13	..	..	..
Jiwani ..	13 05	05 01	08 10	05 06	31 04	29 10	30 12	..	..	..	..
Karachi ..	25 14	27 13	29 12	..	..	..	..	..	..	..	..
Khanpur ..	20 03	18 02	18 07	11 12	13 13	31 05	22 15	29 06	29 12	26 09	28 15
Lahore ..	03 10	06 06	07 08	04 04	02 09	35 04	26 13	..	..	..	..
Multan ..	36 05	03 06	01 08	26 07	17 13	21 09	..	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	26 01	27 06	26 04	23 15	29 29	26 27	28 19
Sharjah ..											
Sylhet ..	11 06	15 18	16 18	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	23 25	27 33	27 31	31 17	34 19	01 12	8 12	33 12	06 10	09 20	09 20	05 47	11 29	06 39	06 39	09 39	07 35	
Peshawar ..																		
Quetta ..																		

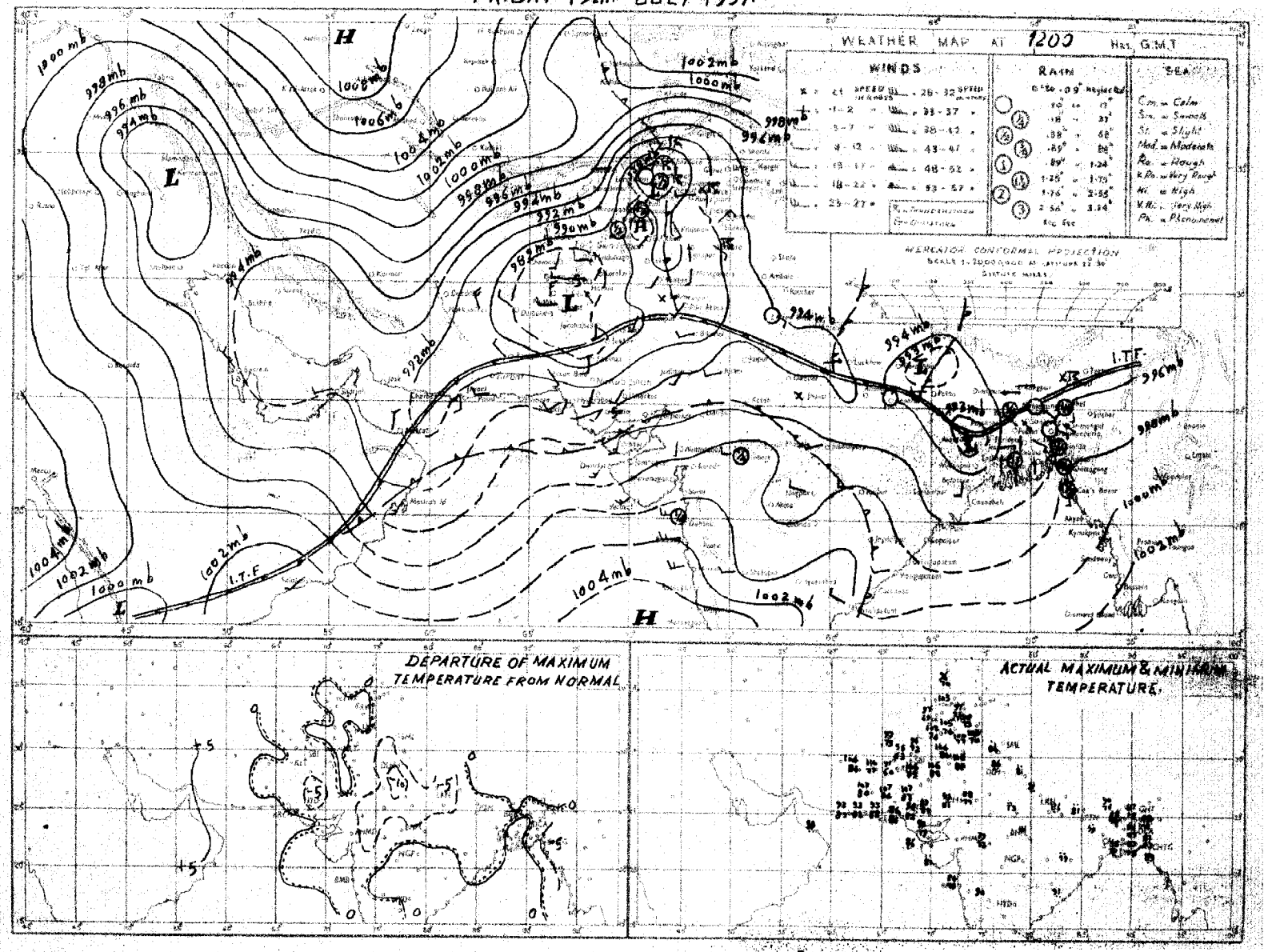
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

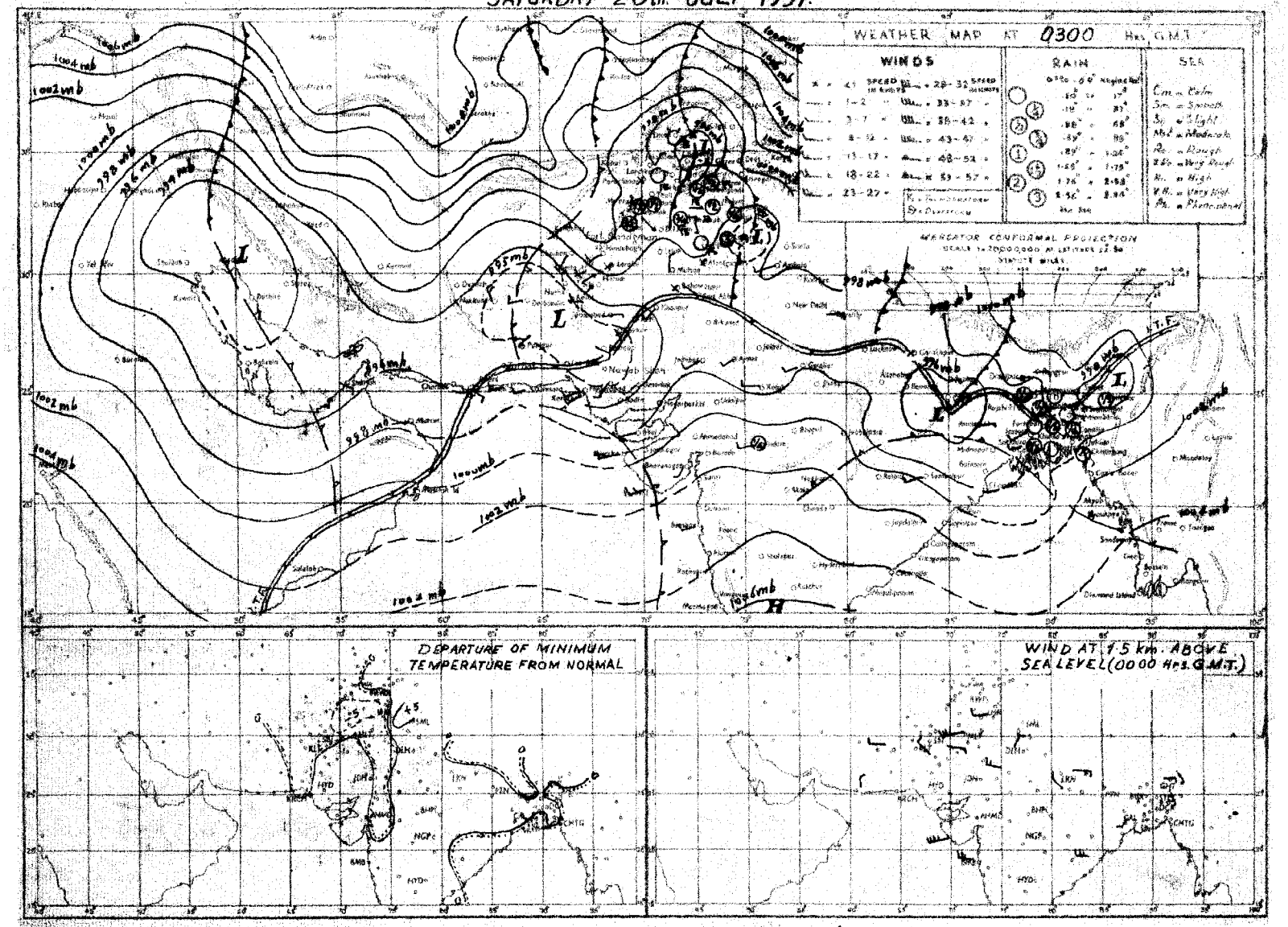
FRIDAY 19th JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 20th JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SUNDAY, THE 21st JULY, 1957

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

Yesterday's low pressure wave affecting Rawalpindi and adjoining divisions is now moving away across Kashmir.
Seasonal low lies over Quetta and adjoining divisions.

Scattered dust/thunderstorms have been reported from Peshawar, D. I. Khan and Multan divisions and scattered rain from Quetta division.
Fairly widespread rain has occurred in East Pakistan.

Chief amounts of rainfall are:—Faridpur and Barisal 4" each; Cox's Bazar and Khulna 3" each; Narayanganj 2"; Chittagong, Dacca and Sirajganj 1½" each; Jessore and Comilla 1" each; Brahmanbaria, Satkhira and Harnai ¾" each; Sylhet and Mymensingh ½" each and Bogra ¼".

Day temperatures were 7-9°F below normal over Peshawar, D. I. Khan, Multan and Lahore divisions; 3-5°F so over East Pakistan and the rest of West Pakistan outside Federal Capital Area and Hyderabad division.

Forecast valid until the evening of 22nd:—Fairly widespread rain with a few moderate to heavy falls will occur in East Pakistan.

Scattered thunderstorm/showers will occur in Kashmir, Peshawar, Quetta and D. I. Khan divisions.
A few dust/thunderstorms are also likely in Lahore, Rawalpindi, Multan and Hyderabad divisions.

Karachi-11.
The 21st July, 1957.

OBSERVATIONS

ABDUL MAJID KHAN.
for Director. Meteorological Service.

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature° TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature, °F TdTd	Maximum temperature, °F TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature, °F TdTd	Minimum temperature, °F TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	159	9	8	16	07	95	62	6	004	79	8	7	6	2	×	78	83	321	9	8	16	09	95	64	6	066	81	8	5	6	2	×	78	76	− 2	0	67.4	+ 13.8	78.3	104
	Chittagong	044	8	16	09	95	62	6	993	78	8	7	3	×	×		77	80	141	9	8	18	13	95	62	6	054	78	8	7	3	×	×	77	76	− 6	− 1	34.5	− 1.4	41.9	106
	Maijdee Court																																								113
	Comilla	009	3	6	18	09	99	50	5	976	82	6	4	5	0	0	78	87	105	9	8	18	07	99	60	6	022	77	8	5	5	×	×	76	77	− 1	0	26.4	− 1.8	48.3	134
	Brahmanbaria	061	5	4	18	05	97	03	6	978	84	2	2	0	4	4	79	85	085	3	8	13	07	95	62	6	018	79	8	5	3	×	×	78	78	—	—	25.5	+ 4.0	43.3	78
	Sylhet	053	1	8	00	00	95	63	6	984	78	6	7	4	2	×	77	86	059	1	8	09	05	76	53	6	027	80	3	5	6	2	×	77	77	—	—	39.7	—	90.1	
	Srimangal	000	0	7	00	00	97	02	2	991	83	4	4	6	0	2	77	89	000	0	8	13	02	97	60	2	028	82	8	5	6	×	×	75	77	—	—	34.8	+ 6.4	61.6	98
Dacca	Mymensingh	035	0	8	09	02	94	60	2	968	83	8	6	3	×	×	80	85	061	9	8	09	05	97	02	6	012	81	8	4	4	×	×	78	77	− 3	− 1	31.5	+ 3.3	42.3	91
	Narayanganj	046	8	11	05	94	03	6	969	82	8	7	4	×	×	×	80	85	221	9	8	18	03	94	63	6	008	79	8	7	4	×	×	78	78	− 3	− 1	29.0	+ 7.8	45.1	74
	Dacca (Tejgaon)	041	7	8	16	02	97	61	6	962	81	6	5	4	7	×	80	86	147	9	8	13	02	96	61	6	999	79	5	7	3	2	×	78	79	—	—	28.1	—	47.0	
	Faridpur	007	8	7	11	02	96	01	6	958	84	5	4	7	1	0	80	88	371	9	8	00	00	95	92	6	018	78	8	7	6	×	×	78	76	0	− 3	23.4	+ 2.6	35.3	71
	Barisal	009	4	4	00	00	95	03	5	968	83	4	0	9	6	0	79	87	379	9	8	18	03	94	82	6	021	77	8	7	7	×	×	74	76	0	− 3	26.3	+ 0.4	33.3	81
Rajshahi	Khulna	023	4	8	00	00	96	03	6	969	81	8	5	5	×	×	80	84	301	3	8	18	03	96	03	6	015	78	8	5	5	×	×	77	77	− 4	− 1	22.8	+ 0.5	30.7	68
	Satkhira	000	0	8	23	03	96	03	2	966	81	×	×	6	×	×	78	84	069	0	8	23	03	96	51	6	011	79	8	6	6	×	×	78	77	− 5	− 1	15.2	− 6.3	21.0	65
	Jessore	000	7	8	18	05	96	03	5	947	87	6	8	5	6	×	81	90	096	9	8	18	07	96	60	6	001	79	8	7	5	×	×	78	77	—	—	22.9	+ 3.0	27.2	65
	Sirajganj	000	0	8	00	00	95	10	0	945	81	8	7	4	×	×	80	87	145	8	8	13	02	95	02	6	999	81	8	7	4	×	×	78	78	− 1	− 1	35.0	+ 14.9	45.9	64
	Bogra	000	0	6	13	02	96	02	1	950	84	6	6	6	0	0	80	88	035	9	6	13	02	97	02	6	950	80	4	2	6	3	0	77	79	− 1	0	33.2	+ 12.4	40.9	69
	Dinajpur	000	2	6	09	02	96	02	2	951	88	6	0	9	2	0	78	91	015	2	6	09	02	96	02	2	998	84	6	4	7	0	0	78	76	+ 2	− 3	21.6	− 2.9	25.0	72
	Rangpur	000	0	5	09	09	96	01	2	×××	88	2	5	6	2	0	77	90	007	0	6	07	09	96	01	2	×××	84	4	5	6	2	0	77	79	+ 1	+ 1	25.6	− 4.0	34.4	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	939	93	0	0	9	0	0	75	93	000	0	1	00	00	96	01	0	971	89	1	0	9	3	0	75	81	− 7	+ 2	3.5	− 1.8	12.1	19
	Sialkot	000	9	2	05	02	96	01	2	938	89	0	0	9	3	0	78	90																		− 7					32
Rawalpindi	Jhelum	000	0	0	00	00	97	03	0	932	93	0	0	9	0	0	74	93	000	0	1	13	03	97	02	0	969	86	1	0	9	3	0	77	80	—	—	2.5	—	13.3	
	Rawalpindi	000	0	2	13	02	99	02	1	916	94	2	2	7	0	0	66	95	000	0	6	00	00	99	01	1	985	89	6	0	9	2	0	74	74	− 2	− 3	2.4	− 4.8	18.4	36
	Khushab	000	0	1	18	03	99	03	0	943	94	1	1	6	0	0	70	95	000	0	3	09	02	99	01	2	974	89	3	0	9	5	0	75	78	− 7	− 4	2.0	− 1.8	10.7	15
Multan	Lyallpur	000	0	4	34	02	96	01	0	943	92	0	0	9	0	3	78	93	000	0	6	00	00	96	02	0	969	88	0	0	9	4	0	77	78	− 8	− 4	3.1	− 0.1	9.3	12
	Montgomery	000	0	4	00	00	96	17	2	933	98	3	3	7	1	0	80	99	000	2	0	23	02	96	01	9	972	90	0	0	9	0	0	80	85	− 4	+ 2	0.2	− 2.4	4.0	10
	Multan	000	0	1	23	03	96	01	0	925	99	0	0	9	0	1	92	02	000	0	1	00	00	96	01	0	960	88	0	0	9	0	1	80	79	0	− 6	0.7	− 1.0	4.0	7
Bahawalpur	Leiah																																								
	Khanpur	000	0	3	34	05	96	02	1	928	99	3	4	8	0	0	81	03	000	0	0	23	05	96	00	0	971	90	0	0	9	0	0	80	87	− 4	+ 4	0	− 1.6	1.0	6
	Bahawalpur	000	0	3	00	00	96	02	0	934	99	3	0	9	2	0	91	01	000	0	0	00	00	97	00	0	968	93	0	0	9	0	0	85	85	− 1	+ 2	1.0	− 0.5	2.3	6
	Fort Abbas	000	0	5	05	05	97	03	0	924	02	5	1	6	0	0	83	07																							8
Peshawar	Chakdara	000	0	3	××	××	99	01	1	897	92	1	2	7	3	0	70	94	000	0	4	05	××	97	01	2	960	79	0	×	7	7	8	65	60	—	—	1.0	—	15.8	
	Peshawar	000	0	6	09	02	97	03	1	928	94	3	9	6	3	0	74	95	000	0	5	02	03	98	01	1	967	77	2	5	6	3	1	72	81	− 7	+ 1	0.1	− 1.0	11.1	14
	Haripur	000	9	4	13	02	97	03	1	923	95	4	2	6	0	0	67	95	000	9	4	18	02	97	01	1	966	89	4	0	9	0	3	59	73	—	—	1.9	—	16.0	
	Campbellpur	000	7	3	13	02	98	01	1	399	82	1	2	7	3	0	65	84	000	0	4	09	02	98	01	1	968	90	4	0	8	5	0	74	81	—	—	0.6	—	16.0	
D. I. Khan	Bannu	000	9	4	13	02	99	01	2	941	90	4	0	9	4	0	73	91	000	1	7	05	01	98	03	1	973	85	7	0	9	6	0	79	79	—	—	1.4	—	8.4	11
	D.I. Khan	000	0	0	00	00	98	00	0	956	94	0	0	9	0	0	78	94	000	3	3	00	00	97	02	1	959	89	0	0	9	0	3	78	87	− 9	+ 4	1.0	− 1.0	6.5	10
Quetta	Sibi	000	8	1	31	02	99	01	1	911	06	1	0	9	3	0	71	07	000	0	0	00	00	99	00	0	961	93	0	0	9	0	0	73	92	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	34	13	98	02	0	931	01	0	0	9	0	0	44	03	000	0	0	34	05	98	02	0	995	85	0	0	9	0	0	73	81	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	97	00	0	×××	13	0	0	9	0	0	83	19																		—	—				4
	Iwani	000	0	4	13	12	96	03	0	942	88	4	0	9	3	0	75	××	000	0	0	11	07	96	01	1	981	84	0	0	9	0	0	78	82	—	—	0	—	3.1	6
	Pasni	000	0	0	23	12	94	05	0	955	89	0	0	9	0	0	81	91	000	0	0	07	00	94	02	0	004	82	0	0	9	0	0	81	80	0	+ 2	0	− 0.5	6.2	6
	Ormara	000	0	0	××	××	98	00	0	959	91	0	0	9	0	0	84	92	000	0	6	00	00	98	02	1	008	84	6	0	9	4	0	83	87	—	—	0	− 0.5	3.8	6
	Las Bela	000	0	0	12	14	98	00	0	993	01	0	0	9	0	0	76	08																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	12	96	03	2	925	90	6	0	9	7	7	86	91	000	0	8	23	07	95	03	2	987	84	0	0	9	7	0	81	81	+ 3	0	0.5	− 2.2	0.9	8
	Karachi (Air port)	000	0	8	23	12	96	02	2	955	86	5	6	5	2	×	81	90	000	0	8	23	03	96	02	2	984	84	4	6	5	3	×	80	82	− 1	—	0.7	—	1.1	
	Badin	000	0	8	23	02	97	20	3	975	89	0	8	9	0	0	76	92	000	3	7	23	03	97	20	3	99.	83	0	7	9	0	0	76	××	− 5	×	0	− 3.1	1.3	9
	Nagarparker																																								
	Umarkot	000	0	0	23	03	97	00	0	924	95	0	0	9	0	0	77	97	000	0	7	23	03	97	00	0	961	84	0	0	9	0	0	78	80	—	—	2.8	—	2.8	
	Hyderabad	000	0	0	23	12	95	07	0	933	95	0	0	9	0	0	77	01	000	0	7	20	10	97	01	2	976	85	5	5	6	7	0	76	83	+ 2	+ 2	0.2	− 2.1	2.0	
Khairpur	Pad-i-dan	000	0	0	00	00	98	00	0	917	05	0	0	9	0	0	47	05	000	0	0	13	09	97	02	0	966	87	0	0	9	0	0	75	84	—	—	0	—	1.2	
	Nawabshah	000	0	1	13	03	97	03	0	923	04	1	1	7	0	0	75	06																		—	—				4
	Sukkur	000	0	0	27	02	96	03	0	916	02	0	0	9	0	0	75	02	000	2	0	11	02	96	00	0	968	86	0	0	9	0	0	78	84	—	—	0	—	2.8	
	Rati																																								
	Jacobabad	000	0	6	13	05	97	03	0	921	01	4	0	9	5	8	74	03	000	0	0	13	03	97	02	0	972	89	0	0	9	0	0	78	86	− 5	+ 2	0	− 0.9	3.5	4
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat	000	0	3	27	05	99	01	2	933	96	0	0	9	0	2	79	04	000	0	0	18	02	99	00	0	958	95	0	0	9	0	0	64	89	+ 10	+ 3	0	− 0.1	6.9	4
	Kuwait																																								
	HILL STATIONS																																								5
Kashmir	Srinagar *																																								26
	Gulmarg **																																								
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
Rawalpindi	Murree	000	9	7	00	00	96	02	2	020	58	7	7	9	0	0	42	63																							
	Abbottabad *																																								
	Gilgit *																																								
	Murree *	000	9	2	29	05	98	01	1	394	74	2	1	4	0	0	63	75	000	9	4	23	03	98	01	1	416	69	2	1	4	8	0	61	61	+ 2	+ 3	8.2	− 3.7	42.0	59
	Drosh *	000	0	4	23	05	96	03	2	365	91	4	2	7	0	0	51	94	000	0	2	00	00	94	03	1	420	80	2	2	7	0	0	56	72	− 3	− 1	0.8	—	22.9	18
	Chitral *	000	7	5	18	03	97	03	1	399	84	1	2	6	6	0	66	86	000	2	2	00	00	97	01	0	418	77	2	0	9	5	0	65	71	− 3	0	1.2	− 2.9	21.9	29
	Kakul *	000	7	3	13	02	98	01	1	399	82	1	2	7	3	0	65	84	000	9	4	00	00	98	03	2	423	76	1	4	8	7	0	67	70	—	—	5.1	—	32.6	
	Landi Kotal *	000	4	4	16	02	97	02	9	382	87	4	3	6	7	0	66	87	000	0	5	00	00	97	03	0	417	84	5	0	9	5	0	73	76	—	—	0.4	—	14.6	
D. I. Khan	Parachinar *	000	0	4	13	02	99	00	0	793	84	0	0	9	0	0	61	××	000	0	8	36	02	99	00	9	796	69	8	0	8	0	0	54	××	×	×	3.4	—	22.5	29
	Miranshah *	000	0	0	00	00	99	00	0	424	83	0	0	9	0	0	80	85	000	0	0	00	00	99	00	0	452	80	0	0	9	0	0	76	75	—	—	1.1	− 0.8	13.4	13
	Wana *	000	0	4	00	00	98	40	3	372	××	4	9	7	0	0	73	86	000	0	0	00	00	97	20	3	381	76	0	0	9	0	0	65	69	—	—	1.0	—	13.1	11
Quetta	Fort Sandeman *	000	2	4	05	05	96	03	9	384	85	4	7	6	0	0	33	98	000	0	6	00	00	96	00	0	415	77	6	2	6	0	0	66	74	− 2	0	1.1	− 0.8	11.7	
	Hindubagh *	000	0	4	27	09	97	00	0	397	92	0	3	9	0	0	36	94	000	0	0	27	05	97	00	0	416	76	0	3	9	0	0	49	63	—	—	0	—	12.3	
	Loralai *	006	1	7	09	05	98	02	4	474	80	7	0	9	9	0	68	91	006	0	0	27	02	98	00	0	446	71	0	0	9	0	0	65	65	—	—	1.6	—	10.5	
	Harnai *	000	0	8	31	03	96	02	2	×××	××	8	0	9	9	×	××	××	006	1	0	31	01	98	00	0	—	—	0	0	9	0	0	—	—	×	×	1.5	− 0.9	13.7	14
	Quetta *	000	0	1	27	14	97	02	0	384	92	1	1	7	0	0	79	93	000	0	0	00	00	95	03	0	410	73	0	0	9	5	0	58	60	—	—	0	− 0.4	9.5	9
	Chaman *	000	0	0	23	05	96	00	0	385	96	0	0	9	0	0	88	97	000	0	0	20	09	97	00	0	422	79	0	0	9	0	0	73	72	− 4	− 3	0	− 0.1	10.2	8
	Kalat *	000	0	0	36	05	98	00	0	392	85	0	0	9	0	0	67	88	000	0	0	18	03	98	00	0	428	70	0	0	9	0	0	57	68	− 3	+ 6	0	− 0.6	8.4	
Kalat	Mushki *	000	0	0	34	09	96	00	0	454	04	0	0	9	0	0	66	05	000	0	0	36	04	97	00	0	414	80	0	0	9	0	0	51	78	—	—	0	—	8.0	
	Dalbandin *	000	9	0	31	11	95	05	0	398	04	0	0	9	0	0	33	07	000	0	0	23	03	96	05	0	422	80	0	0	9	0	0	39	82	− 3	+ 6	0	0	4.4	
	Panjgur *	000	0	0	31	05	98	00	0	417	00	0	0	9	0	0	53	01																		− 4					4
Afghan-Iran	Kabul *																																								
	Kandahar *																																								

*Given in Code
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day
(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SUNDAY, THE 21st JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O $T_sT_s T_dT_d$	$I_d w_d w_d P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Devon City	73 246	667 00	7 22 14	97 05 2	959 83	76 3 00		..	0 01 77	1 21 33
Dwarka	73 236	672 18	3 21 18	98 03 1	986 83	30 7 20	3 5 215	..	0 51 73	1 21 x4
Cilicia	73 157	532 18	0 21 24	98 02 0	019 76	00 9 09	2 6 220	..		
BAY OF BENGAL										
Alhussain	73 173	886 06	8 19 15	97 20 2	043 86	86 3 xx	1 4 101		0 02 81	1 19 43
Sabadar	73 189	903 06	8 23 25	97 02 6	015 84	82 2 20	7 4 213	8 8 05x	0 04 81	1 23 33

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	994 288 278	..	..	400 245 215	..	097 152 028	383 052 548	857 528 618	604 618 682	651 755	247 965	..	673 278
Lahore ..														
Multan ..														
Peshawar ..	00 00	961 278 235	..	..	400 295 195	..	095 122 088	376 072 035	746 552 575	460 660 999	959 745	247 882	..	697 140
Quetta ..	00 00	824 185 125	..	..	..	..	099 165 052	395 065 005	980 032 555	666 568 999	985 708	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 205 192	860 248 222	800 225 098	560 012 642	458 545 672	350 675 732	250 852 999	150 118 999	117 225 999	079 238 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 255 222	800 202 175	350 708 999	250 795 999	150 000 999	050 298 999	026 298 999	..	..	026 298 999	..	..
Quetta ..	00 00	800 190 080	749 205 042	463 000 999	350 620 999	295 718 999	250 158 999		..	..	250 158 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT & $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra ..	11 10	11 10	12 13	02 16	..	..	..	..	..
Chaklala ..					..	..	..	..	..
Chhor ..	20 19	21 19	21 19	..	..		..	..	..
Chittagong ..	No	ascent	..		..	..	..	..	..
Cox's Bazar ..	No	ascent	..		..	..	..	..	..
Dacca ..	14 19	16 20	16 19	18 22	..		..	..	..
Dalbandin ..	..	..	26 09	31 11	34 12	33 07	31 .7	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	24 07	23 14	20 11	21 12	23 13	26 13
Fort Sandeman ..			..	13 13	13 19	04 05	28 15	30 35	29 41
Jacobabad ..	11 22	10 14	09 11	03 06	31 11	30 16	32 12	..	..
Jessore ..	..	..	..	..	..	..	..	..	..
Jhelum ..	11 04	02 04	32 07	31 05	26 05	31 07	01 10	27 18	27 29
Jiwani ..	17 08	15 12	15 07	01 09	35 14	35 10	34 16	01 12	35 04
Karachi ..	24 15	25 10			..	..	..	..	
Khanpur ..	14 81	35 07	35 04	15 03	15 10	20 13			
Lahore ..	01 06	36 03	05 03	04 08	33 08	31 12	29 21	26 15	27 17
Multan ..	33 65	31 05	30 03	21 04	22 08	25 06	23 09	..	
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	26 13	24 06	25 11	29 17	28 15
Sharjah ..					..		..	..	..
Sylhet ..	10 07	16 12	17 17	..	..	..	..	..	..
Versval ..	..	..	..		..		..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra ..	11 21	..	..	..	..	..
Chaklala ..			..		..	..
Chhor ..	22 15	23 17	..		..	..
Chittagong ..	17 25	17 38	18 37	..	..	
Cox's Bazar ..	No	ascent				..
Dacca ..	16 12	16 13	16 13	17 10	16 12	
Dalbandin ..	..	..	24 09	30 13	30 16	33 14
D. I. Khan ..	..		..			
Drosh ..	..	..		..	23 06	22 06
Fort Sandeman ..				16 02	18 03	29 09
Jacobabad ..	20 14	19 13	21 06	29 06	33 07	28 10
Jessore ..						
Jhelum ..	20 01	01 02	36 04	36 02	30 07	02 02
Jiwani ..	12 12	16 02	15 01	21 03	..	
Karachi ..	26 12	26 17	26 15			
Khanpur ..	24 12	25 07	28 05	27 04	15 04	34 01
Lahore ..	06 09	02 11	36 06	06 05	28 07	29 10
Multan ..	19 05	17 09	16 06	24 17	25 19	28 11
Muscat ..	..	..	..		..	
Panjgur ..	..	..	..		..	
Peshawar ..	..	35 06	02 10	05 12	04 08	07 06
Quetta ..	..	..		..	20 05	27 10
Sharjah ..					..	..
Sylhet ..	13 14	15 21	..	..	..	..
Versval ..				..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	No	ascent	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..		..	..	..	..	..	..	..	..	..	..
Chittagong ..	No	ascent	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	No	ascent		..	..	..	..	..	..	..	..
Dacca ..	No	ascent					..	..	..	..	..
Dalbandin ..	..	..	25 09	28 10	31 21	32 46	..	..	..	..	..
D. I. Khan ..	..	..	..	..							
Drosh ..	..	..		..	24 05	23 06	21 09	19 10	18 10	17 11	15 06
Fort Sandeman ..				30 07	07 05	33 11					
Jacobabad ..	18 07	31 07	15 04	15 04	29 07	30 07	21 06	29 11	29 14	32 15	01 23
Jessore ..											
Jhelum ..	17 02	32 03	33 02	31 09	33 03	02 02	32 06	24 08	21 11	25 24	..
Jiwani ..					..		..	..	..	..	..
Karachi ..	25 10	30 08	30 06	..	..	..	..	..	..	..	..
Khanpur ..											
Lahore ..	12 01	10 01	03 01	12 01	35 04	33 12	32 04	27 05	08 08	27 28	24 21
Multan ..	25 04	21 03	21 03	33 04	14 03	31 04	25 07	28 13	27 17	..	..
Muscat ..	..	..		..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..		..	..	..	..	..
Peshawar ..	..	..	..	..							
Quetta ..	..	..	..	..	06 04	30 03	25 12	28 20	29 17	28 20	30 29
Sharjah ..					..	..	..	..	..	..	..
Sylhet ..	No	ascent	..	..	..	..	..	..	..	..	..
Versval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 10	26 12	27 12	28 12	30 13	33 10	35 20	36 18	05 08	06 11	10 09	08 16	07 17	07 16	08 23	08 33		
Peshawar ..																		
Quetta ..																		

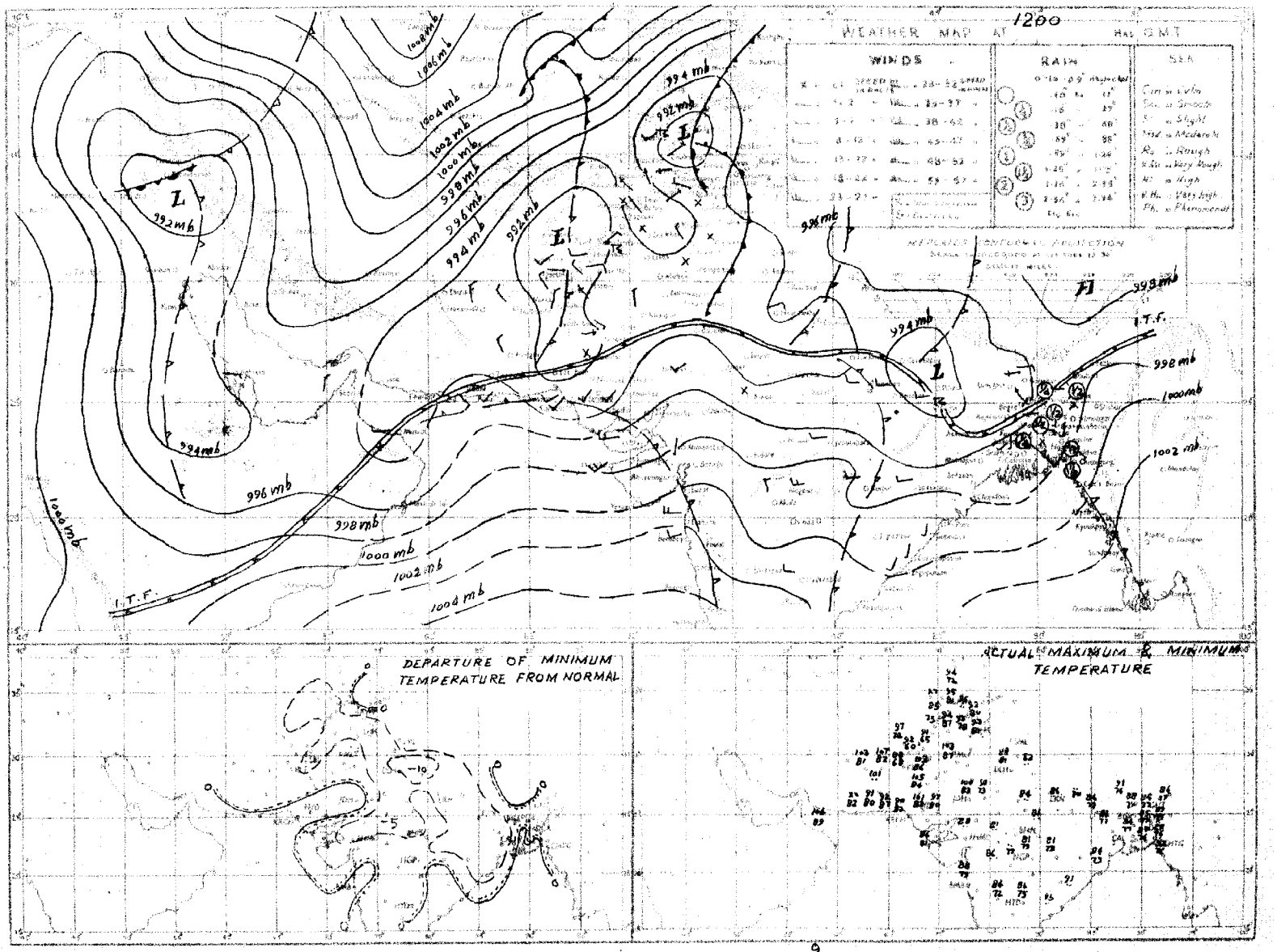
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

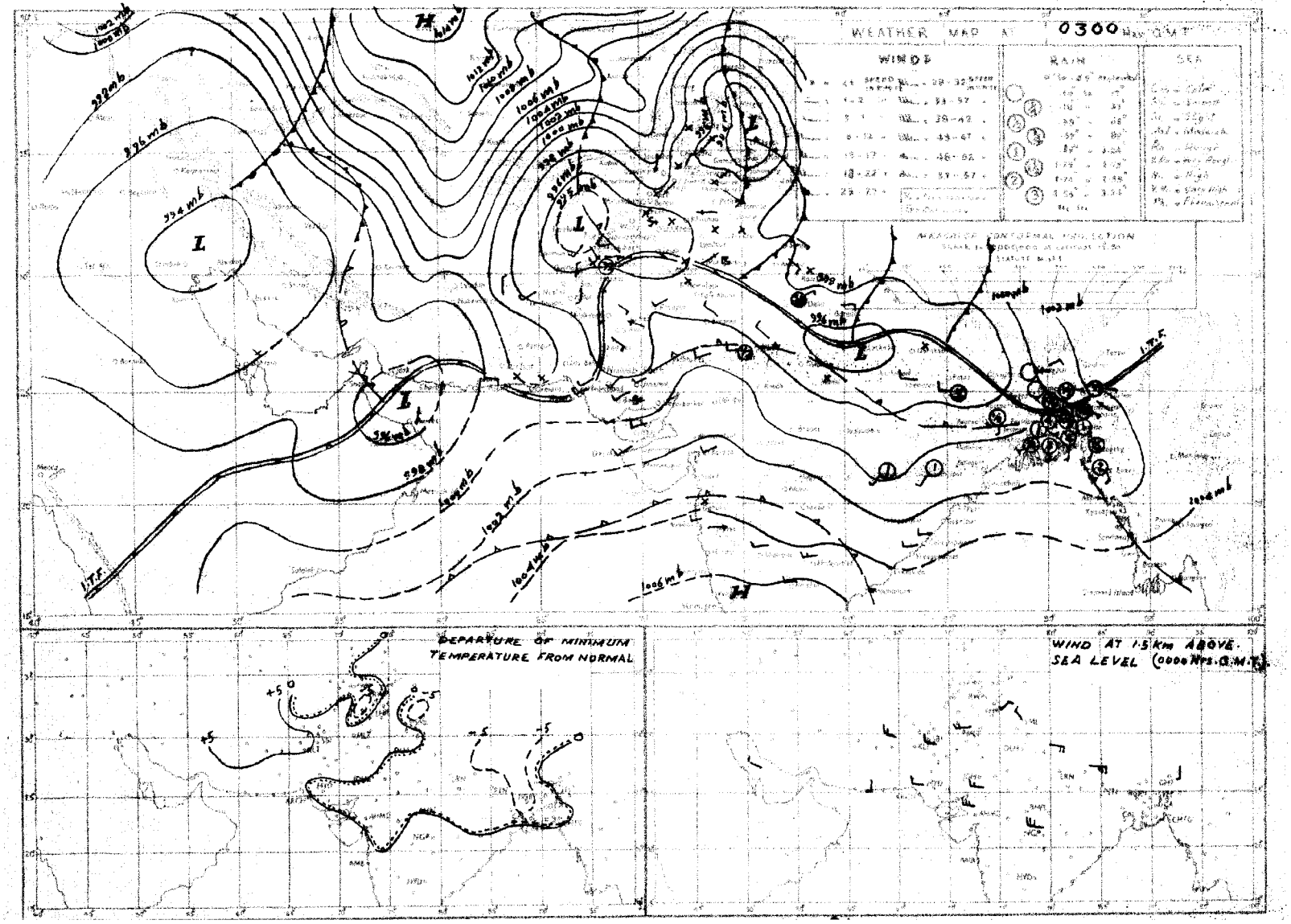
SATURDAY 20th JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 21st JULY 1957.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

MONDAY, THE 22nd JULY, 1957

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

A westerly low pressure wave is moving across Peshawar division and has caused fairly widespread thunderstorms/showers in Peshawar and Rawalpindi divisions, local in Multan division and scattered in D. I. Khan divisions.

A low lies over west Uttar Pradesh and adjoining areas.

Rainfall has been fairly widespread in East Pakistan with locally heavy falls in Chittagong and Rajshahi divisions.

Chief amounts of rainfall are:—Cox's Bazar, Chittagong and Rangpur 3" each, Barisal, Satkhira and Rawalpindi 2" each, Faridpur, Sirajganj, Bogra and Murree 1½" each, Comilla and Jhelum 1" each, Narayanganj, Dacca, Khulna and Jessore ½" each, Brahmanbaria, Sylhet, Srimangal, Dinajpur, Lyallpur, Chakdara, Landikotal and Miranshah ¼" each.

Day temperatures were 3-8°F below normal in East Pakistan, Quetta and Kalat divisions outside coast.

Forecast valid until the evening of 23rd:—Fairly widespread rain with a few moderate to heavy falls will occur in East Pakistan. Fairly widespread thunderstorm/showers with locally moderate to heavy falls likely Lahore, Rawalpindi divisions, local in Peshawar, Multan divisions, scattered in D. I. Khan, Bhawalpur and Hyderabad divisions.

Karachi-11.
The 22nd July, 1957.

ABDUL MAJID KHAN.
for Director. Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	261	9	8	18	10	95	66	6	056	80	8	7	6	2	×	79	81
	Chittagong	082	8	8	16	09	95	62	6	046	77	8	7	3	×	×	76	81
	Maijdee Court																	
	Comilla	092	6	8	18	09	99	66	6	030	77	8	5	4	×	×	76	78
	Brahmanbaria	011	8	8	13	09	97	03	6	031	77	8	7	1	×	×	75	84
	Sylhet	020	8	8	18	05	96	21	6	039	79	6	7	4	2	×	76	82
	Srimangal	020	8	8	18	02	97	02	6	036	79	8	4	6	×	×	75	87
Dacca	Mymensingh	000	0	8	09	05	97	02	2	018	81	8	4	4	×	×	77	84
	Narayanganj	044	9	8	11	05	94	03	6	022	79	8	7	4	×	×	77	80
	Dacca (Tezgaon)	039	9	8	13	05	97	20	6	016	78	6	7	3	1	×	76	80
	Faridpur	125	6	8	16	02	96	02	6	005	80	8	4	7	×	×	77	80
	Barisal	145	9	8	00	00	95	65	6	017	79	5	7	9	0	0	75	86
Rajshahi	Khulna	000	0	8	18	05	96	03	2	018	80	8	5	5	×	×	77	81
	Satkhira	000	0	8	23	03	96	03	3	006	80	8	6	6	×	×	75	82
	Jessore	008	9	8	20	06	96	03	6	954	80	8	8	5	×	×	77	82
	Sirajganj	032	8	8	13	04	95	02	2	994	81	8	7	4	×	×	78	83
	Bogra	050	7	6	18	03	96	02	6	995	81	4	6	6	6	0	78	88
	Dinajpur	000	1	7	09	05	96	58	2	991	82	5	7	7	2	0	79	88
	Rangpur	008	6	8	09	05	96	03	6	×××	82	8	5	6	×	×	79	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	2	6	00	00	96	03	1	933	97	5	3	7	7	0	73	01
	Sialkot	000	0	0	05	02	98	00	0	927	89	0	0	9	0	0	79	01
Rawalpindi	Jhelum	000	0	2	00	00	98	02	2	919	99	2	2	8	0	0	75	00
	Rawalpindi	000	0	7	00	00	98	03	1	913	97	7	5	6	0	0	75	99
	Khushab	000	0	3	18	03	98	03	0	923	02	2	2	6	5	0	71	03
Multan	Lyallpur	000	3	7	13	03	96	02	9	935	97	7	2	8	0	0	75	99
	Montgomery	000	0	7	13	02	96	29	9	943	85	7	5	7	0	0	79	94
	Multan	000	0	4	23	05	96	01	0	926	97	1	1	9	1	0	76	05
Bahawalpur	Leiah																	
	Khanpur	000	0	5	36	03	96	02	1	920	05	4	2	7	0	4	80	07
	Bahawalpur	000	0	5	00	03	96	03	0	927	98	5	0	8	2	0	78	03
	Fort Abbas	000	0	7	13	03	97	02	0	940	93	7	1	6	0	0	75	05
Peshawar	Chakdara	000	0	6	××	××	98	03	2	896	93	1	2	7	4	0	69	98
	Peshawar	000	2	7	23	07	98	17	9	911	97	6	9	6	3	0	54	02
	Haripur	000	9	6	09	03	97	03	1	[illegible]	01	5	2	6	0	0	42	01
	Campbellpur	000	0	2	00	00	98	01	1	924	97	2	0	9	5	0	66	97
D.I. Khan	Bannu	000	4	6	13	02	98	03	1	928	94	6	0	9	9	0	74	96
	D.I. Khan	000	3	3	00	00	98	02	2	930	01	0	0	9	0	3	77	02
Quetta	Sibi	000	0	0	23	01	98	00	0	910	98	0	0	9	0	0	62	09
Kalat	Nokkundi	000	0	0	34	13	98	02	0	947	99	0	0	9	0	0	36	01
	Turbat	000	0	0	23	03	97	00	0	977	××	0	0	9	0	0	85	18
	Jiwani	000	0	0	16	12	96	00	0	963	88	0	0	9	0	0	78	90
	Pasni	000	0	0	23	16	95	00	0	975	89	0	0	9	0	0	80	93
	Ormara	000	0	0	××	××	98	00	0	978	91	0	0	9	0	0	84	92
	Las Bela	000	0	0	12	04	98	00	0	957	01	0	0	9	0	0	74	09
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	25	12	96	01	2	958	87	3	6	4	0	1	86	89
	Karachi (Air port)	000	0	6	20	09	96	02	2	963	87	5	6	5	0	1	81	91
	Badin	000	0	8	23	02	97	20	3	972	92	8	8	7	×	×	75	95
	Nagarparker	×××	×	9	18	05	96	20	4	—	—	9	4	9	4	3	—	—
	Umarkot	000	0	0	23	03	97	00	0	×××	97	0	0	9	0	0	77	97
	Hyderabad	000	0	3	23	12	95	07	2	944	98	0	0	9	0	5	75	01
Khairpur	Pad-i-dan	000	0	3	13	05	98	03	1	922	07	3	4	7	0	0	71	08
	Nawabshah	000	0	1	18	05	97	01	0	941	04	1	1	7	0	0	76	06
	Sukkur	000	3	1	00	90	96	01	0	913	05	0	0	9	0	3	79	05
	Reti																	
	Jacobabad	000	0	1	13	07	95	05	0	921	05	1	1	7	0	0	74	05
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	05	05	99	00	0	961	92	0	0	9	0	0	87	00
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	6	09	03	98	02	1	392	73	6	9	3	0	0	63	77
Peshawar	Drosh *	000	0	4	00	00	96	02	0	386	91	4	2	7	0	0	47	95
	Cherat *	008	1	7	18	09	97	01	9	397	87	7	3	6	0	0	56	90
	Kakul *	000	7	4	16	02	98	03	1	392	87	2	2	7	6	2	63	88
	Landi Kotal *	023	3	5	16	02	97	01	9	389	87	4	0	9	5	1	77	92
	Parachinar *	000	0	3	13	02	99	02	0	794	83	3	6	6	0	0	67	××
D.I. Khan	Miranshah *	048	3	8	00	00	99	02	6	428	79	8	8	7	×	×	75	93
	Wana *	000	0	4	07	02	98	01	1	381	77	4	3	8	0	0	58	80
Quetta	Fort Sandeman *	000	2	6	00	00	96	03	1	383	97	6	2	6	0	0	42	98
	Hindubagh *	000	0	0	27	05	98	00	0	371	91	0	0	9	0	0	46	93
	Loralai *	000	0	3	13	03	98	02	1	481	89	3	0	9	5	0	53	91
	Harnai *	000	0	0	09	01	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	27	22	95	07	0	395	88	1	1	7	0	0	75	92
	Chaman *	000	0	0	25	05	97	00	0	404	91	0	0	9	0	0	84	93
Kalat	Kalat *	000	0	0	31	09	98	00	0	393	82	0	0	9	0	0	66	87
	Nushki *	000	0	0	31	09	96	00	0	462	03	0	0	9	0	0	61	00
	Dalbandin *	000	0	0	36	09	94	07	0	410	01	0	0	9	0	0	33	03
	Panjgur *	000	0	0	31	12	93	09	0	425	97	0	0	9	0	0	35	98
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1957 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	319	9	8	16	05	95	60	6	096	78	8	4	6	2	×	87	75	− 4	− 1	70.6	+ 15.8	81.5	104
Chittagong	277	9	8	18	09	95	64	6	100	78	8	7	3	×	×	77	75	− 5	− 2	37.2	+ 0.5	44.6	108
Maijdee Court																							115
Comilla	108	8	8	18	09	99	02	6	981	83	8	4	4	×	×	77	76	− 9	− 1	27.5	− 1.2	49.4	194
Brahmanbaria	023	0	8	13	07	97	03	2	075	79	8	5	2	×	×	78	76	—	—	25.7	+ 3.9	43.5	78
Sylhet	037	9	8	18	09	95	60	6	082	80	7	7	4	1	×	77	77	—	—	40.1	—	90.5	..
Srimangal	032	7	8	18	03	97	02	6	082	80	6	1	7	0	2	76	75	− 4	− 1	35.2	+ 6.3	61.9	98
Mymensingh	000	0	8	09	02	97	02	2	075	81	8	6	3	×	×	78	78	− 4	0	31.5	+ 2.8	42.3	91
Narayanganj	058	9	8	18	05	95	03	6	075	80	4	7	4	7	×	77	76	− 8	− 3	29.6	+ 7.9	45.7	74
Dacca (Tezgaon)	060	9	8	20	05	97	02	6	068	80	3	8	5	3	×	77	75	—	—	28.7	—	47.6	..
Faridpur	148	9	8	18	02	96	03	6	059	82	5	5	7	1	0	76	73	− 8	− 6	24.9	+ 3.7	36.8	71
Barisal	225	9	8	00	00	95	61	6	080	77	5	9	6	0	0	75	76	− 1	− 3	28.5	+ 2.6	35.6	81
Khulna	063	0	8	18	03	97	03	2	078	78	8	5	5	×	×	77	78	− 7	0	23.5	+ 0.6	31.3	68
Satkhira	202	0	8	00	00	96	61	6	967	76	×	×	6	×	×	75	74	− 6	− 4	17.2	− 4.7	23.0	65
Jessore	061	7	8	18	07	96	03	1	067	80	8	7	5	×	×	79	75	—	—	23.5	+ 3.3	27.9	65
Sirajganj	160	9	8	18	04	95	02	6	055	80	8	7	5	×	×	77	76	− 5	− 3	36.6	+ 6.2	47.5	64
Bogra	171	8	6	23	02	97	01	6	060	82	4	4	6	3	0	78	77	− 1	− 2	35.1	+ 13.8	42.6	69
Dinajpur	020	2	6	09	02	96	02	2	058	80	0	0	6	2	0	75	72	− 2	− 7	21.8	− 3.1	25.2	72
Rangpur	310	2	8	09	02	96	61	6	×××	79	8	7	5	×	×	79	76	− 2	− 2	28.7	− 1.3	37.5	84
Jammu																							
Lahore (Jail Rd.)	000	9	2	05	05	96	01	2	995	81	1	5	7	3	0	71	77	+ 2	− 2	3.5	− 1.9	12.1	19
Sialkot	000	1	6	13	02	98	01	6	980	80	3	4	6	2	×	73	76	+ 4	− 3	3.2	− 5.1	26.4	32
Jhelum	094	2	8	31	02	98	02	2	987	77	8	0	9	7	×	73	64	—	—	3.4	—	14.2	..
Rawalpindi	210	9	4	00	00	99	01	9	985	84	4	5	6	0	0	67	67	+ 2	− 10	4.5	− 3.1	20.5	36
Khushab	000	0	6	36	02	98	03	1	001	82	6	8	6	0	0	73	80	+ 1	− 2	2.0	− 1.9	10.7	15
Lyallpur	028	9	0	05	03	96	00	9	989	81	0	0	9	0	0	71	79	− 2	− 3	3.4	+ 0.1	9.5	12
Montgomery	×××	4	7	05	02	96	03	5	987	81	7	5	8	0	0	80	75	− 9	− 8	0.2	− 2.5	4.0	10
Multan	000	0	0	13	02	96	00	0	961	86	0	0	9	0	0	79	80	+ 3	− 5	0.7	− 1.0	4.0	7
Leiah											0	0	9	3	0	79	87						..
Khanpur	000	0	4	23	05	98	01	1	964	90	3	0	9	0	1	79	84	− 3	+ 4	0	− 1.7	1.0	6
Bahawalpur	000	0	3	00	00	97	00	0	966	90	6	1	6	0	0	75	82	+ 1	+ 1	1.0	− 0.6	2.3	6
Fort Abbas	000	0	6	13	05	97	02	2	975	87								—	—	1.1	—	4.1	8
Chakdara	024	0	6	××	××	98	02	2	970	78	6	×	8	5	0	66	58	—	—	1.2	—	16.0	..
Peshawar	000	9	7	31	03	96	02	2	968	80	4	9	6	3	0	56	77	+ 1	− 3	0.1	− 1.1	11.1	14
Haripur	000	9	5	31	03	97	03	1	969	84	5	0	9	0	3	68	76	—	—	1.9	—	16.0	..
Campbellpur	005	9	7	13	03	98	03	6	034	85	5	3	6	5	0	69	79	—	—	0.7	—	16.1	..
Bannu	000	3	8	23	02	99	03	2	982	80	8	3	6	×	×	75	77	—	—	1.4	—	8.4	11
D.I. Khan	000	3	7	09	02	97	20	5	958	78	7	7	8	0	0	73	76	− 1	− 1	1.0	− 1.1	6.5	10
Sibi	000	0	0	00	00	99	00	0	957	94	0	0	9	0	0	74	94	—	—	0.3	—	5.3	5
Nokkundi	000	0	0	34	09	98	02	0	991	85	0	0	9	0	0	48	79	—	—	0	—	1.9	2
Turbat	000	0	0	00	00	98	00	0	001	85	0	0	9	0	0	81	85	—	—	2.5	—	5.9	..
Jiwani	000	0	2	13	05	96	01	0	981	83	0	0	9	0	1	77	79	—	—	0	—	3.1	4
Pasni	000	0	0	23	02	96	00	0	998	81	0	0	9	0	0	80	79	+ 3	+ 1	0	− 0.6	6.2	6
Ormara	000	0	6	××	××	98	02	1	005	84	6	0	9	2	0	82	81	—	—	0	− 0.5	3.8	6
Las Bela	000	0	0	13	02	96	00	0	957	89	0	0	9	0	0	74	83	—	—	1.0	—	2.1	8
Karachi (Manora)	000	0	5	25	05	95	03	2	979	85	5	6	4	0	0	84	81	+ 1	0	0.5	− 2.3	0.9	8
Karachi (Air port)	000	0	7	25	09	96	02	2	979	84	7	6	5	0	0	78	82	—	—	0.7	—	1.1	..
Badin	000	0	0	23	02	96	20	0	989	84	0	0	9	0	0	75	××	+ 2	×	0	− 3.2	1.3	9
Nagarparker																							..
Umarkot	000	0	0	23	03	97	00	0	967	85	0	0	9	0	0	77	80	—	—	2.8	—	2.8	..
Hyderabad	000	0	4	20	10	96	01	2	967	85	0	0	9	0	5	75	82	− 3	+ 1	0.2	− 2.2	2.0	..
Pad-i-dan	000	0	7	13	05	97	03	2	957	87	0	0	9	0	2	75	83	—	—	0	—	1.2	..
Nawabshah	000	0	3	18	03	97	02	0	963	88	0	0	9	0	1	75	83	—	—	− 0.1	—	0.6	..
Sukkur	000	9	6	02	03	96	03	1	959	85	0	0	9	0	5	77	83	—	—	0	—	2.8	4
Reti																							..
Jacobabad	000	0	0	18	05	96	02	0	965	88	0	0	9	0	0	77	84	− 2	0	0	− 0.9	3.5	4
Veraval																							20
Jalalabad																							..
Muscat	000	0	0	00	00	96	00	0	971	87	0	0	9	0	0	77	85	+ 7	− 1	0	− 0.1	6.9	4
Kuwait																							5
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							..
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **	000	0	0	00	00	96	00	0	995	56	0	0	9	0	0	35	44		—	—	—	—	..
Aliabad *																							..
Gilgit *																							
Murree *	132	9	7	07	05	98	02	9	420	67	3	5	5	5	0	50	57	+ 4	− 1	9.5	− 2.8	43.4	59
Drosh *	001	8	3	00	00	96	03	9	420	83	3	2	7	0	0	51	71	− 2	− 2	0.8	—	22.9	18
Cherat *	008	3	7	18	03	97	03	2	417	72	7	0	9	9	0	59	71	+ 1	0	1.3	− 2.8	22.0	29
Kakul *	004	6	5	09	02	99	03	9	425	75	1	4	8	7	1	63	68	—	—	5.1	—	32.6	..
Landi Kotal *	023	9	7	02	02	97	03	0	413	77	7	0	9	5	0	59	74	—	—	0.6	—	14.9	..
Parachinar *	000	0	0	00	00	99	00	0	792	67		0	9	0	0	58	××	×	×	3.4	—	22.5	29
Miranshah *	000	0	0	00	00	99	00	0	463	78	0	0	9	0	0	72	71	—	—	1.1	− 0.9	13.4	13
Wana *	000	0	0	00	00	97	00	0	419	72	0	0	9	0	0	61	69	—	—	1.0	—	13.1	11
Fort Sandeman *	000	0	2	23	02	96	01	0	415	81	2	0	9	2	0	62	76	+ 1	+ 2	1.1	− 0.9	11.7	11
Hindubagh *	000	0	0	27	02	98	00	0	421	76	0	0	9	0	0	39	64	—	—	0	—	12.3	..
Loralai *	000	0	0	00	00	98	00	0	457	77	0	0	9	0	0	61	68	—	—	1.6	—	10.5	..
Harnai *	027	1	3	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	×	×	1.5	− 0.8	13.8	14
Quetta *	000	0	0	05	02	96	00	0	407	74	0	0	9	0	0	44	58	—	—	0	− 0.4	9.5	9
Chaman *	000	0	0	20	05	97	00	0	429	77	0	0	9	0	0	73	71	− 8	− 4	0	− 0.1	10.2	8
Kalat *	000	0	0	16	02	98	00	0	431	71	0	0	9	0	0	51	55	− 4	− 7	0	− 0.6	8.4	..
Nushki *	000	0	0	31	04	97	00	0	514	80	0	0	9	0	0	55	77	—	—	0	—	8.0	..
Dalbandin *	000	9	1	23	09	95	05	4	414	78	0	0	9	0	1	35	72	− 6	− 4	0	0	4.4	..
Panjgur *	000	0	0	05	03	98	00	0	432	80	0	0	9	0	0	43	78	− 5	+ 2	0	—	4.2	4
Kabul *																							
Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure leve lin geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

MONDAY, THE 22nd JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	13 164	546 00	6 23 24	98 031	023 78	67 5 00	2 6 702	..	0 52 74	1 23 ××
BAY OF BENGAL										
Sirdhana	13 163	883 00	8 22 13	98 02 2	052 82	82 6 ××	1 5 400	..	0 51 75	1 22 32
Alhussaini	13 199	905 00	8 22 18	97 60 6	030 84	87 3 ×	1 4 302	..	0 02 84	1 23 3
Alhussaini	13 205	910 06	8 21 20	97 14 2	059 85	87 3 ××	1 4 400	..	0 02 80	1 21 43
Sirdhana	13 178	892 06	7 21 15	98 02 2	062 88	72 6 00	1 5 106	..	0 02 79	1 21 32

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Rwani ..														
Karachi ..	00 00	996 285 272	..	..	400 248 188	..	971 175 025	423 072 508	912 012 999	674 598 999	987 642	280 840	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	824 165 058	..	..	..	..	076 128 508	346 022 562	797 525 655	544 612 999	970 733	260 865	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached	TROPOPAUSE	
										PPP TTT $T_dT_dT_d$	St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Rwani ..													
Karachi ..	00 00	900 232 232	885 218 218	800 245 085	775 242 072	683 102 528	430 545 999	350 630 999	250 752 999	150 020 999	138 040 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	807 198 042	800 188 035	724 152 505	589 008 562	526 502 642	491 532 648	449 535 999	350 675 999	250 785 999	250 785 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb : Dew Point temperatures fin tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra ..	16 20	18 19	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..
Chhor ..	21 16	21 14	22 10	22 05	..	..	..	..	..
Chittagong ..	No	ascent	..		..	..	..	..	..
Cox's Bazar ..	No	ascent			..	..	..	..	..
Dacca ..	17 21	18 20	19 21	19 25	..	..	..	..	..
Dalbandin ..	..	..	35 13	33 14	33 21	33 27	..	..	..
D.I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	23 10	21 07	20 05	..	..	..
Fort Sandeman ..	..	..	..	18 07	23 02	27 03	28 19	28 27	28 25
Jacobabad ..	15 07	14 08	12 06	10 03	01 07	27 11	27 13	31 15	31 22
Jessore ..	..	..	..	..	..	..	..	..	..
Jhelum ..	19 02	28 02	28 02	12 01	03 06	02 02	30 17	25 11	27 14
Rwani ..	17 12	15 12	15 06	03 06	35 13	35 21	34 23	33 23	..
Karachi ..	23 22	24 14	30 03	33 12	..	..	..	..	..
Khanpur ..	..	..	..	..	..	..	..	..	..
Lahore ..	36 05	36 05	34 05	23 03	27 05	04 04	34 06	01 11	27 08
Multan ..	25 10	25 06	25 06	31 04	32 04	24 02	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	30 09	29 09	29 04	29 23	29 19
Sharjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	17 15	19 15	18 18	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra ..	20 18	..	..	..	..	..
Chaklala ..	..	26 06	15 05	15 08	17 07	07 02
Chhor ..	24 17	24 19	..	..	..	..
Chittagong ..	No	ascent	..	..	..	..
Cox's Bazar ..	No	ascent			..	..
Dacca ..	19 24	19 27	20 28	20 26	21 29	..
Dalbandin ..	..	..	27 19	35 14	35 14	32 18
D.I. Khan ..	..	..	..	..	..	..
Drosh ..	..	..	..	..	23 03	21 09
Fort Sandeman ..	..	..	..	07 01	09 03	23 16
Jacobabad ..	17 15	17 07	20 04	17 04	30 05	31 07
Jessore ..	..	..	..	..	..	..
Jhelum ..	29 06	05 04	03 04	01 06	32 05	03 10
Rwani ..	20 03	33 05	35 05	36 06	..	..
Karachi ..	27 24	27 25	27 23	..	..	..
Khanpur ..	22 20	24 21	25 19	25 09	28 07	03 10
Lahore ..	02 03	30 02	18 01	..	..	..
Multan ..	22 09	22 15	22 10	18 03	29 08	14 02
Muscat ..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	26 06	15 05	15 08	17 07	07 02
Quetta ..	..	..	..	..	20 02	30 06
Sharjah ..	..	..	..	..	..	..
Sylhet ..	17 15	17 20	..	..	..	..
Veraval ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	18 12	18 14	20 14	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	No	ascent	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	No	ascent		..	..	..	..	..	..	..	..
Dacca ..	20 15	20 15	21 19	..	..	..	..	..	..	..	..
Dalbandin ..	..	..	27 06	01 06	36 09	32 15	33 20	35 12	26 03	21 13	31
D.I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	..	..	..	..	..	..	..
Fort Sandeman ..	..	..	..	36 01	02 05	27 05	22 08	25 11	25 14	27 17	26
Jacobabad ..	22 05	14 05	14 03	14 03	03 04	34 04	19 08	25 04	31 04	04 04	31
Jessore ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	14 01	27 03	26 06	20 14	31 02	07 05	04 08	24 13	..	..	..
Rwani ..	12 02	06 05	04 05	36 01	..	..	..	..	..	..	..
Karachi ..	28 17	28 23	27 39	..	..	..	..	..	..	..	..
Khanpur ..	22 07	22 04	22 04	32 03	02 07	04 10	06 04	17 07	20 11	..	..
Lahore ..	16 08	17 13	19 10	06 03	02 02	32 07	30 13	23 12	18 19	21 20	12
Multan ..	..	..	..	..	..	..	..	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	11 02	22 07	25 03	13 09	13 04	34 09	30 15	..	..	..
Quetta ..	..	..	..	..	30 05	32 06	15 08	27 10	31 09	31 12	37
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	22 11	22 04	..	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Chittagong ..																	
Dacca ..																	
Karachi ..	25 14	27 19	27 25	34 21	34 18	33 15	33 14	34 33	35 31	01 12	35 14	04 17	08 21	08 23	04 28	07 22	09 25
Peshawar ..																	
Quetta ..																	

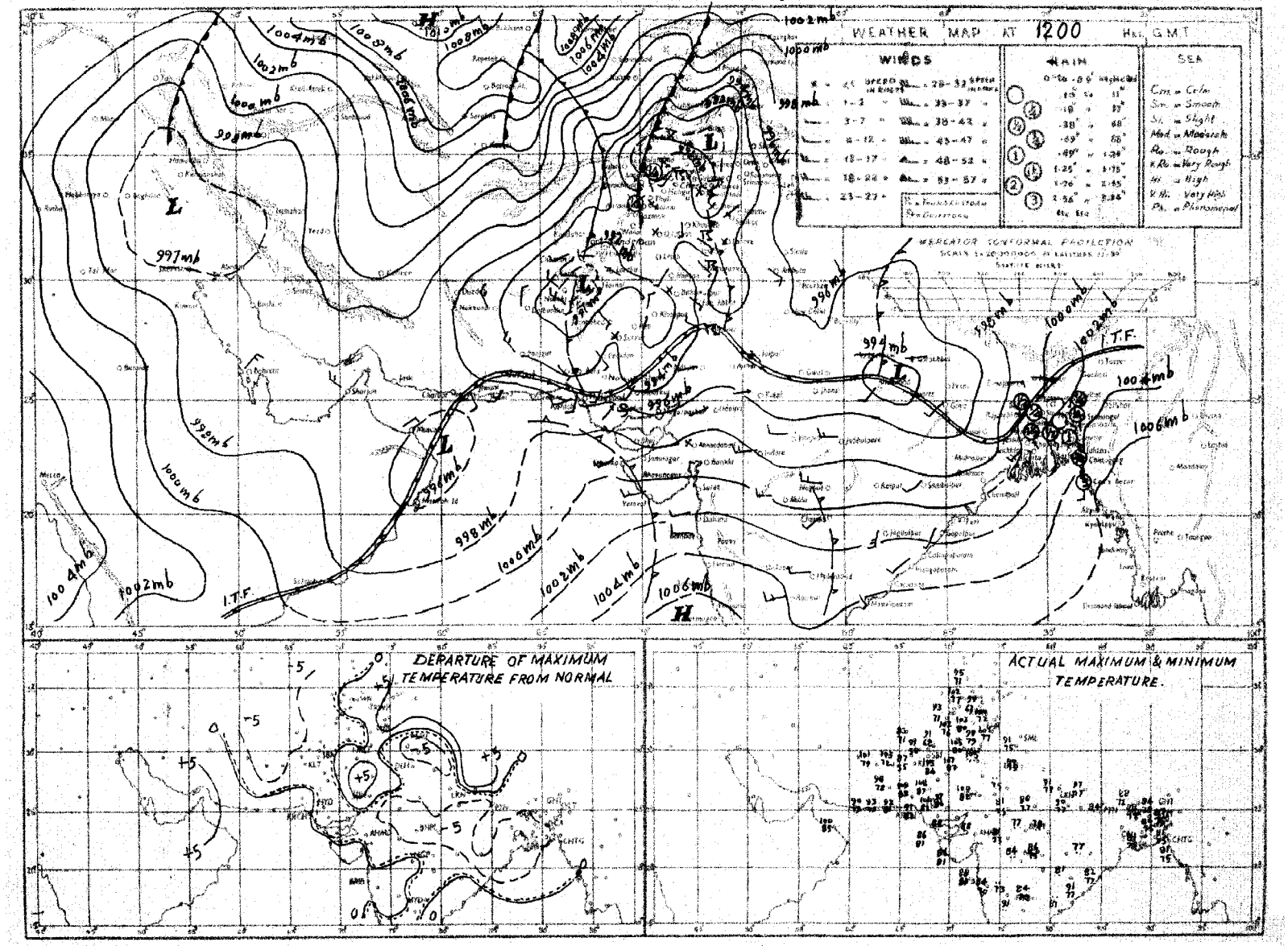
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_Tv_T$ etc)

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 Fort, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

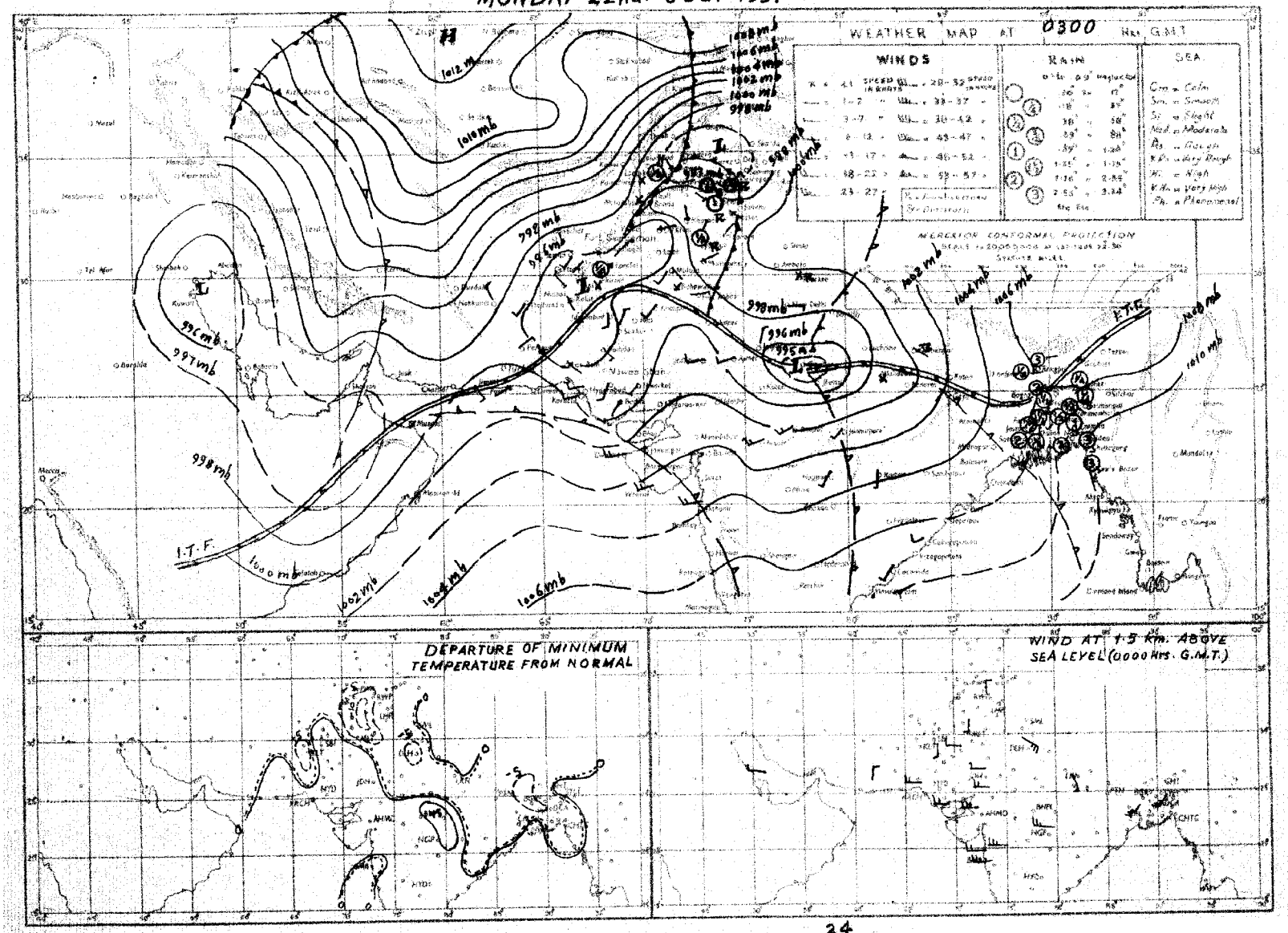
SUNDAY 21st: JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 22nd: JULY 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

TUESDAY, THE 23rd JULY, 1957

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

Yesterday's low pressure wave over Peshawar division has moved away eastwards.

The low over west Uttar Pradesh has moved to Punjab (Bharat) and neighbourhood.

They have caused fairly widespread rain with locally heavy falls in Lahore division and scattered thunderstorm/showers in Peshawar, Multan, Bahawalpur and Quetta divisions.

Rainfall has been widespread in East Pakistan.

Chief amounts of rainfall are:—Chittagong 4", Cox's Bazar, Bogra, and Sialkot 3" each, Barisal and Sirajganj 2" each, Sylhet and Dinajpur 1½" each, Dacca, Faridpur, Khulna and Jessore 1" each, Mymensingh, Satkhira, Rangpur and Lahore ¾" each, Comilla, Brahmanbaria and Fort Sandeman ½" each and Narayanganj and Fort Abbas ¼" each.

Day temperatures were 3-6°F below normal in East Pakistan and West Pakistan outside Khairpur, Hyderabad and coastal Kalat divisions and were 2-4°F above normal in Hyderabad division and Federal Capital Area.

Forecast valid until the evening of 24th:—Fairly widespread rain will fall in East Pakistan and fairly widespread thunderstorm/showers in Lahore and Rawalpindi divisions and scattered in Peshawar, D. I. Khan, Multan and Hyderabad divisions.

Heavy Rainfall Warning:—Locally moderate to heavy rain will fall in Lahore and Rawalpindi divisions.

Karachi-11.
The 23rd July, 1957.

ABDUL MAJID KHAN.
for Director. Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS.	STATION	Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F. TdTd	Maximum temperature °F. TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	070	9	8	13	02	96	02	6	087	76	8	4	6	2	×	75	80
	Chittagong	412	8	7	18	09	96	62	8	081	78	8	7	4	×	×	75	80
	Maijdee Court																	
	Comilla	000	0	7	18	05	99	01	2	972	82	7	4	5	0	0	78	82
	Brahmanbaria	000	0	8	18	07	97	03	2	064	81	4	4	4	4	×	78	84
	Sylhet	063	7	8	00	00	95	63	6	066	77	6	7	4	2	×	76	85
	Srimangal	017	4	8	18	05	97	02	4	069	82	8	4	6	×	×	75	88
Dacca	Mymenaingh	000	0	8	09	02	97	20	2	058	80	8	5	5	×	×	76	87
	Narayanganj	017	8	8	18	02	94	61	6	063	78	8	7	4	×	×	74	87
	Dacca (Tezgaon)	114	9	8	20	05	96	63	6	060	75	4	7	3	2	×	74	85
	Faridpur	064	5	8	16	03	96	02	6	047	79	8	6	6	×	×	76	83
	Barisal	102	4	8	00	00	95	63	6	057	78	5	9	9	0	0	77	80
Rajshahi	Khulna	083	5	8	13	05	97	03	6	058	78	8	5	6	×	×	77	82
	Satkhira	072	0	8	00	00	96	03	6	052	79	×	6	×	×	×	77	79
	Jessore	096	6	8	18	04	95	03	6	048	79	8	7	5	×	×	78	83
	Sirajganj	205	5	8	00	00	95	02	6	043	78	8	7	5	×	×	77	85
	Bogra	025	3	6	00	00	96	02	6	042	79	6	6	6	0	0	76	89
	Dinajpur	000	2	7	00	00	96	02	2	040	82	3	4	7	2	0	78	87
	Rangpur	024	8	5	09	02	96	01	6	×××	83	3	5	6	2	0	79	84
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	5	13	12	96	07	5	975	89	4	8	6	8	1	73	93
	Sialkot	000	9	4	23	03	98	02	1	966	95	4	2	6	×	×	76	96
Rawalpindi	Jhelum	000	1	4	09	02	98	02	0	963	95	2	2	8	2	0	73	95
	Rawalpindi	000	0	3	18	02	98	02	0	971	91	3	2	7	3	0	70	93
	Khushab	000	0	2	09	05	98	03	0	963	95	2	2	6	0	0	72	96
Multan	Lyallpur	000	3	7	16	02	96	02	9	961	92	7	3	8	0	0	79	06
	Montgomery	000	0	6	09	02	96	03	2	967	95	6	5	0	0	0	83	97
	Multan	000	0	9	23	02	95	02	0	961	89	3	4	8	6	3	76	02
Bahawalpur	Leiah																	
	Khanpur	000	3	7	00	00	96	02	9	956	90	0	0	9	6	0	80	05
	Bahawalpur	000	2	8	00	00	96	02	6	971	85	8	4	8	×	×	78	97
	Fort Abbas																	
Peshawar	Chakdara	000	0	3	×××	××	98	03	1	×××	××	1	2	7	2	×	67	94
	Peshawar	000	0	7	05	05	97	03	2	943	93	2	9	6	3	0	69	96
	Haripur	000	9	6	31	02	97	03	2	902	99	6	0	9	3	0	66	01
	Campbellpur	000	0	2	18	07	98	01	1	950	97	2	5	6	0	0	71	97
D.I. Khan	Bannu	000	2	3	13	02	99	00	1	959	92	3	0	9	0	3	71	93
	D.I. Khan	000	0	0	00	00	98	00	0	965	95	0	0	9	0	0	73	95
Quetta	Sibi	000	0	0	05	02	99	00	0	918	09	0	0	9	0	0	66	13
	Nokkundi	000	0	0	34	09	98	00	0	946	00	0	0	9	0	0	22	01
	Turbat	000	0	0	23	03	97	00	0	978	××	0	0	9	0	0	72	19
Kalat	Iwani	000	0	0	18	12	96	02	0	959	89	0	0	9	0	0	79	91
	Pani	000	0	6	23	17	94	07	0	924	82	4	5	7	0	0	81	91
	Ormara	000	0	×××	××	98	01	0	972	89	3	5	7	0	0	0	82	90
	Las Bela	000	0	0	12	02	98	00	0	995	02	0	0	9	0	0	72	08
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	12	96	03	2	958	89	2	6	4	7	0	86	90
	Karachi (Air port)	000	0	5	23	14	96	03	2	962	87	7	5	5	0	0	81	91
	Badin	000	0	0	23	02	97	00	0	970	92	0	0	9	0	0	75	95
	Nagarparker																	
	Umarkot	000	0	0	23	03	97	00	0	968	97	0	0	9	0	0	76	99
	Hyderabad	000	0	6	23	12	96	07	0	946	97	0	0	9	0	5	74	02
Khairpur	Pad-i-dan	000	0	0	05	02	98	00	0	928	02	0	0	9	0	0	65	18
	Nawabshah	000	0	0	18	05	97	02	0	936	05	0	0	9	0	0	71	06
	Sukkur	100	8	4	11	03	96	03	1	946	03	0	0	9	0	0	79	06
	Rohri																	
	Jacobabad	000	0	2	09	07	96	03	0	945	95	2	6	7	0	0	75	06
Junagarh Afghanistan	Veraval																	
	Jalalabad																	
Arab States	Muscat	000	0	3	05	05	99	02	0	955	92	0	0	8	0	1	85	95
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Allahabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	6	20	03	98	03	1	411	71	4	3	4	5	0	68	78
	Drosh *	001	5	4	00	00	96	29	9	399	86	4	9	6	0	0	45	93
	Chitral *	000	3	3	18	03	97	03	1	420	83	3	0	9	5	0	66	85
	Kakul *	000	7	4	25	02	98	01	2	419	83	1	2	7	7	0	64	84
	Landi Kotal *	000	0	5	16	03	97	03	0	403	87	5	0	9	7	0	62	89
D.I. Khan	Parachinar *	882	2	8	13	02	99	16	0	794	69	8	0	8	0	0	57	××
Peshawar	Miranshah *																	
	Wana *	000	0	4	05	02	98	02	0	400	86	4	0	9	4	0	57	88
Quetta	Fort Sandeman *	000	0	4	23	05	96	03	1	395	93	4	2	6	0	0	54	97
	Hindubagh *	000	0	0	27	02	98	00	0	372	93	0	0	9	0	0	29	94
	Loralai *	000	0	5	13	06	98	02	1	465	91	0	0	9	2	0	60	94
	Harnai *	000	0	4	18	02	98	00	0	×××	××	0	0	9	0	0	××	××
Kalat	Quetta *	000	0	1	29	02	97	01	0	382	89	1	2	8	0	0	45	91
	Chaman *	000	0	0	29	05	98	00	0	409	96	0	0	9	0	0	89	96
	Kalat *	000	0	0	34	09	98	00	0	397	84	0	0	9	0	0	25	88
	Nushki *	000	0	0	27	06	96	00	0	452	01	0	0	9	0	0	37	01
	Dalbandin *	000	0	0	13	05	96	02	0	411	01	0	0	9	0	0	35	03
Afghan-istan	Panjgur *	000	0	0	31	05	98	00	0	424	96	0	0	9	0	0	41	97
	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

DIVISIONS.	STATION	Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F. TdTd	Minimum temperature °F. TnTn	Departure from Normal of: Maximum Temperature TxTx	Departure from Normal of: Minimum Temperature TnTn	Rainfall: Since 1st June 1957 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1957 to date	Rainfall: Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	090	9	8	13	03	95	60	6	000	77	8	4	6	2	×	77	74	− 5	− 2	73.5	+ 17.4	84.4	104
	Chittagong	442	9	7	18	09	97	01	6	088	78	4	4	6	2	0	76	77	− 6	0	41.9	+ 4.1	49.1	108
	Maijdee Court																							115
	Comilla	045	8	6	18	09	99	03	6	072	82	6	4	5	0	0	76	76	− 5	− 1	27.9	− 1.3	49.8	196
	Brahmanbaria	051	0	6	18	02	97	03	2	071	82	4	4	4	0	0	76	76	—	—	26.3	+ 4.1	44.0	78
	Sylhet	125	9	8	18	05	96	02	6	076	81	6	5	5	2	0	77	76	—	—	41.3	—	91.7	..
	Srimangal	017	0	7	18	02	97	02	2	078	83	4	1	7	0	2	76	76	− 3	0	35.3	+ 6.1	62.1	96
Dacca	Mymenaingh	071	6	8	09	02	97	02	6	071	81	8	4	4	×	×	77	77	− 1	− 1	32.2	+ 2.9	43.0	91
	Narayanganj	037	9	8	11	03	94	61	6	072	80	8	7	4	×	×	78	78	− 1	− 1	29.9	+ 7.9	46.1	74
	Dacca (Tezgaon)	121	9	8	18	02	96	61	6	063	80	4	5	4	2	×	79	78	—	—	29.9	—	48.9	..
	Faridpur	094	9	8	00	00	96	20	6	052	82	4	7	6	1	0	79	75	− 5	− 4	25.8	+ 4.2	37.7	71
	Barisal	195	9	7	18	02	95	63	6	070	78	6	9	9	0	0	75	75	− 7	− 4	30.5	+ 3.3	37.5	81
Rajshahi	Khulna	089	0	8	00	00	97	03	2	066	82	8	5	6	×	×	81	76	− 6	− 2	24.3	+ 1.1	32.3	48
	Satkhira	072	0	6	23	03	97	03	2	961	83	4	5	7	9	0	80	75	− 9	− 3	17.9	+ 4.4	23.7	65
	Jessore	096	0	7	18	05	96	03	2	060	82	5	4	6	6	0	81	76	—	—	24.5	+ 3.8	38.8	65
	Sirajganj	241	3	8	00	00	95	50	6	053	82	8	7	5	×	×	79	77	− 3	− 2	39.0	+ 18.2	50.0	64
	Bogra	325	4	6	00	00	95	63	6	061	78	6	7	5	0	0	77	75	0	− 4	38.4	+ 16.7	45.8	69
	Dinajpur	142	2	8	00	00	96	02	2	055	79	8	4	7	0	0	78	72	− 3	− 7	23.2	− 2.1	36.4	72
	Rangpur	075	0	8	13	02	96	02	2	×××	79	8	7	5	×	×	78		− 6	− 1	29.4	− 0.9	38.2	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	086	6	8	00	00	95	60	6	005	77	4	5	6	2	×	76	76	− 6	− 3	4.3	− 1.3	13.0	19
	Sialkot	262	9	8	05	02	97	21	6	023	72	8	5	5	×	×	72	71	− 1	− 8	5.8	− 2.6	29.0	32
Rawalpindi	Jhelum	000	4	6	13	03	98	03	2	010	81	1	5	6	4	0	72	77	—	—	3.4	—	14.2	..
	Rawalpindi	000	0	4	00	00	99	01	1	988	82	4	0	9	3	0	73	74	− 4	− 3	4.5	− 3.4	20.5	36
	Khushab	000	0	2	09	03	99	03	1	006	85	2	1	6	0	0	75	78	− 6	− 4	2.0	− 2.1	10.7	15
Multan	Lyallpur	000	9	6	09	02	96	02	9	003	83	0	0	9	5	0	77	80	+ 5	− 2	3.4	0.0	9.5	12
	Montgomery	000	0	0	05	02	96	02	0	988	83	0	0	9	0	0	79	79	− 6	− 4	0.2	− 2.5	4.0	10
	Multan	010	3	0	11	02	96	02	6	998	88	0	0	9	0	0	77	77	0	− 8	0.7	− 1.0	4.1	7
Bahawalpur	Leiah																							..
	Khanpur	000	0	0	23	04	96	00	0	999	87	0	0	9	0	0	79	82	+ 1	− 1	0	− 1.7	1.0	6
	Bahawalpur	000	0	0	00	00	97	01	0	989	86	2	0	8	1	8	80	78	− 5	− 5	1.0	− 0.7	2.3	8
	Fort Abbas	018	3	8	31	02	98	02	6	957	88	8	6	6	×	×	82	××		—	1.1	—	4.1	8
Peshawar	Chakdara	000	0	4	00	00	98	01	1	995	75	0	0	8	5	×	63	59	—	—	1.2	—	16.6	..
	Peshawar																		− 5					14
	Haripur																		—					..
	Campbellpur	000	0	6	13	02	98	01	1	032	85	6	0	9	0	7	74	81	—	—	0.7	—	16.1	..
D.I. Khan	Bannu	000	2	3	13	02	99	01	1	998	86	2	0	9	0	3	74	79	—	—	1.4	—	8.4	11
	D.I. Khan	000	2	3	09	02	97	01	1	984	87	0	0	9	0	3	79	78	− 8	− 5	1.0	− 1.1	6.5	10
Quetta	Sibi	000	1	2	00	00	99	03	1	003	85	0	4	9	0	0	76	84	—	—	0.3	—	5.3	5
	Nokkundi	000	0	0	34	13	98	02	0	993	85	0	0	9	0	0	39	78	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	98	00	0	832	63	0	0	9	0	0	78	87	—	—	2.5	—	5.9	..
Kalat	Iwani	000	0	8	13	12	96	03	2	994	83	5	6	5	0	1	77	81	—	—	0	—	2.1	4
	Pani	000	0	5	11	03	94	05	0	025	81	5	5	7	0	0	78	79	+ 1	+ 1	0	− 0.6	6.2	6
	Ormara	000	0	6	00	00	98	02	1	019	83	6	0	9	2	0	84	80	—	—	0	− 0.6	2.8	6
	Las Bela	000	0	0	00	00	98	00	0	996	86	0	0	9	0	0	43	83	—	—	1.0	—	2.1	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	23	07	95	03	2	956	84	0	0	9	7	0	81	81	+ 2	0	0.5	− 2.5	0.9	8
	Karachi (Air port)	000	0	7	25	07	96	02	2	007	85	4	6	5	3	0	78	83	—	—	0.7	—	1.1	9
	Badin	000	0	0	23	02	96	00	0	999	85	0	0	9	0	0	78	××	+ 2	×	0	− 3.4	1.3	..
	Nagarparker																							..
	Umarkot	000	0	0	23	03	97	00	0	985	84	0	0	9	0	0	78	81	—	—	2.8	—	2.8	..
	Hyderabad	000	0	8	20	07	97	03	2	000	85	4	5	6	7	×	75	81	+ 4	0	0.2	− 2.3	2.0	..
Khairpur	Pad-i-dan	000	0	7	13	05	97	02	2	997	85	2	5	6	5	0	74	82	—	—	0	—	1.2	..
	Nawabshah	000	0	6	18	03	97	03	1	004	85	1	2	6	7	0	76	83	—	—	0.1	—	0.6	..
	Sukkur	000	9	5	00	00	95	03	3	993	85	5	0	9	7	0	76	82	—	—	0	—	2.8	4
	Rohri																							..
	Jacobabad	000	0	1	31	03	96	01	0	999	87	0	0	9	0	1	76	85	− 1	+ 1	0	− 1.0	3.5	..
Junagarh Afghanistan	Veraval																							20
	Jalalabad																							..
Arab States	Muscat	000	0	0	09	02	97	00	1	969	90	0	0	9	0	0	85	87	+ 2	+ 1	0	− 0.1	6.9	4
	Kuwait																							5
	HILL STATIONS																							26
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							..
	Skardu *																							..
	Misgar **																							..
	Allahabad *																							..
	Gilgit *																							59
Rawalpindi	Murree *	000	0	4	00	00	95	02	4	440	64	6	5	2	0	0	59	60	+ 5	+ 2	9.5	− 3.3	43.4	18
	Drosh *	000	0	4	00	00	96	02	0	452	74	0	0	9	0	0	56	65	− 4	− 8				29
	Chitral *	000	3	1	13	02	97	01	0	437	73	0	0	9	0	0	69	70	− 4	− 1	1.3	− 2.9	22.0	..
D.I. Khan	Kakul *	000	9	5	34	02	98	03	2	442	76	2	2	7	7	2	67	74	—	—	5.1	—	32.6	..
	Landi Kotal *	000	3	0	00	00	98	00	8	438	77	—	—	9	0	0	68	74	—	—	0.6	—	14.9	29
	Parachinar *	000	0	0	00	00	99	00	0	797	67	0	0	9	0	0	58	—		—	3.4	—	22.5	13
Peshawar	Miranshah *	000	0	0	00	00	99	00	0	473	83	0	0	9	0	0	77	76	×	×	1.1	− 0.9	13.4	11
	Wana *																							11
Quetta	Fort Sandeman *	045	8	2	00	00	97	01	9	436	78	2	2	6	0	0	66	67	0	− 7	1.6	− 0.5	12.1	..
	Hindubagh *	000	0	0	00	00	98	00	0	442	74	0	0	9	0	0	39	62	—	—	0	—	12.3	..
	Loralai *	000	0	4	00	00	98	02	1	439	73	0	0	9	5	0	65	69	—	—	1.6	—	10.5	14
	Harnai *	000	0	0	27	01	98	00	0	—	—	0	0	9	0	0	—	—	×	×	1.5	− 1.1	13.8	..
Kalat	Quetta *	000	0	0	18	02	98	00	0	428	73	0	0	9	0	0	66	66	—	—	0	− 0.5	9.5	9
	Chaman *	000	0	0	20	03	98	00	0	443	74	0	0	9	0	0	73	72	− 5	− 3	0	− 0.1	10.2	..
	Kalat *	000	0	0	18	02	98	00	0	445	72	0	0	9	0	0	46	56	− 3	− 6	0	− 0.7	8.4	..
	Nushki *	000	0	0	02	06	97	00	0	523	78	0	0	9	0	0	40	77	—	—	0	—	8.0	..
	Dalbandin *	000	0	0	00	00	96	03	0	412	77	0	0	9	0	1	31	69	− 6	− 7	0	0	4.4	..
Afghanistan	Panjgur *	000	0	0	05	02	98	00	0	433	81	0	0	9	0	0	42	78	− 6	+ 2	0	—	4.2	4
	Kabul *																							
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given, or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

TUESDAY, THE 23rd JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	23 214	621 00	5 23 24	98 02 0	993 84	45 5 02	2 6 210		0 02 77	1 23 x4
Safina-e-Arab	23 209	616 00	6 21 20	97 03 2	998 79	56 7 57	1 5 701	8 7 660	0 51 75	1 21 79
Karanja	23 143	547 00	0 23 19	98 02 0	033 79	00 9 00	1 6 610		0 00 73	1 23 45
Safina-e-Arab	23 216	627 06	7 20 09	96 03 2	027 81	55 6 40	1 5 126	8 5 647	0 51 79	1 20 69
Dundio	23 213	595 12	3 21 18	97 02 2	906 75	35 5 00	3 4 603	..	0 03 75	1 21 33
Abala	23 222	633 12	6 23 24	98 02 0	982 87	00 9 40	1 6 617		0 05 82	1 23 x4
Safina-e-Arab	23 232	648 18	8 20 13	96 03 1	001 81	9x 9 xx	1 5 405	8 9 x99	0 52 77	1 20 67
Cilicia	22 232	646 18	4 23 18	98 12 0	983 81	45 5 00	1 6 210	..	0 53 77	1 23 x3

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		At surface and Standard Isobaric Levels	HHH TTT $T_dT_dT_d$									HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Bannu ..														
Karachi ..	00 00	997 282 265	461 005 302	..	380 225 205	..	082 142 065	360 055 002	350 032 545	610 623 678	748 758	569 960	..	778 192
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	826 205 172	..	..	..	..	121 182 052	442 115 999	993 048 999	723 012 999	999 580	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE Sc. HHHH TT	TROPOPAUSE Sc. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Bannu ..													
Karachi ..	00 00	900 200 180	870 162 155	800 215 142	576 502 255	516 502 999	350 695 999	250 838 999	150 152 999	130 205 999	060 215 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	817 212 152	800 205 142	774 198 135	460 020 999	432 035 999	390 000 999	350 545 999	..	..	350 545 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb : Dew Point temperatures (in tenths of 9C.
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bagra ..	20 17	21 23	22 20	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..
Chhor ..	22 09	21 10	19 10	..	..	..	..	..	..
Chittagong ..	16 15	17 23	..	..	..	..	..	..	..
Cox's Bazar ..	No	ascent	..	..	..	..	..	..	..
Dacca ..	19 18	20 20	..	..	..	..	..	..	..
Dalbandin ..	..	..	09 06	36 07	35 07	33 10	35 35	36 34	36 41
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Dhaka ..	..	..	..	23 05	18 07	18 08	..	..	..
Fort Sandeman ..	..	..	..	11 20	08 05	24 11	28 15	30 27	34 12
Jacobabad ..	15 06	15 05	17 04	12 04	10 03	34 05	33 05	02 08	36 06
Jaisalmer ..	..	..	..	..	..	..	..	..	..
Jodhpur ..	16 01	15 03	13 07	09 05	16 04	05 04	02 04	..	..
Kalat ..	18 11	15 13	20 06	01 07	34 18	34 24	35 31	36 27	..
Kasur ..	23 21	23 13	..	..	..	..	..	..	..
Karachi ..	27 10	27 11	27 08	26 10	23 10	20 06	03 05	..	..
Khairpur ..	12 15	12 15	11 17	08 13	03 09	01 12	29 16	21 08	..
Lahore ..	14 17	11 13	02 09	04 11	05 13	..	..	..	..
Multan ..	..	..	..	..	..	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	31 07	30 04	25 05	31 09	28 07
Quetta ..	..	..	..	..	..	..	..	..	..
Sharjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	No	ascent	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bagra ..	No	ascent	..	..	..	..
Chaklala ..	22 18	23 20	22 19	..	..	..
Chhor ..	16 20	..	..	..	..	..
Chittagong ..	No	ascent	..	..	..	..
Cox's Bazar ..	16 20	..	..	..	..	..
Dacca ..	..	..	35 03	05 03	19 04	..
Dalbandin ..	..	..	..	..	..	..
D. I. Khan ..	..	..	..	..	..	..
Dhaka ..	..	..	..	..	03 01	13 02
Fort Sandeman ..	..	..	..	05 02	04 07	25 10
Jacobabad ..	33 06	29 00	29 10	29 06	12 02	36 06
Jaisalmer ..	..	..	..	..	..	..
Jodhpur ..	15 04	22 09	11 07	..	..	..
Kalat ..	..	..	..	..	..	..
Kasur ..	24 16	24 14	25 16	..	..	..
Karachi ..	27 10	31 06	29 06	32 04	03 09	01 06
Khairpur ..	No	ascent	..	..	..	..
Lahore ..	26 06	25 00	25 12	03 15	22 17	22 34
Multan ..	..	..	..	..	..	..
Muscat ..	..	..	..	..	..	..
Panjgur ..	..	34 13	32 10	31 03	26 01	05 07
Peshawar ..	..	..	..	..	11 05	26 05
Quetta ..	..	..	..	..	..	..
Sharjah ..	..	..	..	..	..	..
Sylhet ..	18 13	21 19	21 11	..	..	..
Veraval ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bagra ..	22 10	24 10	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	19 07	20 09	..	..	..	..	..	..	..	..	..
Chittagong ..	No	ascent	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	No	ascent	..	..	..	..	..	..	..	..	..
Dacca ..	..	..	08 05	17 07	19 08	26 10	35 27	34 18	34 18	02 12	33 [illegible]
Dalbandin ..	..	..	..	..	..	..	..	..	..	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Dhaka ..	..	..	..	32 01	03 05	33 10	33 09	19 07	27 11	29 16	25 [illegible]
Fort Sandeman ..	22 03	07 04	02 04	01 02	36 04	02 05	10 06	..	..	..	..
Jacobabad ..	..	..	..	..	..	..	..	..	..	..	..
Jaisalmer ..	..	..	..	..	..	..	..	..	..	..	..
Jodhpur ..	13 08	12 11	12 05	22 01	03 02	..	..	..	..	..	..
Kalat ..	12 10	13 13	10 10	..	..	..	..	..	..	..	..
Kasur ..	20 13	26 10	31 06	..	..	..	..	..	..	..	..
Karachi ..	36 02	36 02	01 05	02 08	05 09	01 12	36 12	03 14	36 08	33 08	07 [illegible]
Khairpur ..	No	ascent	..	..	..	..	..	..	..	..	..
Lahore ..	05 06	05 05	03 07	02 16	..	..	..	..	..	..	..
Multan ..	..	..	..	..	..	..	..	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	26 03	18 06	28 08	33 12	33 12	30 10	24 [illegible]
Quetta ..	..	..	..	..	..	..	..	..	..	..	..
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	15 07	17 10	19 11	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 05	23 08	18 06	24 05	22 05	33 12	04 18	06 17	01 10	10 12	05 19	07 17	09 23	08 35	18 37	08 12	29 37	06 [illegible]
Peshawar ..																		
Quetta ..																		

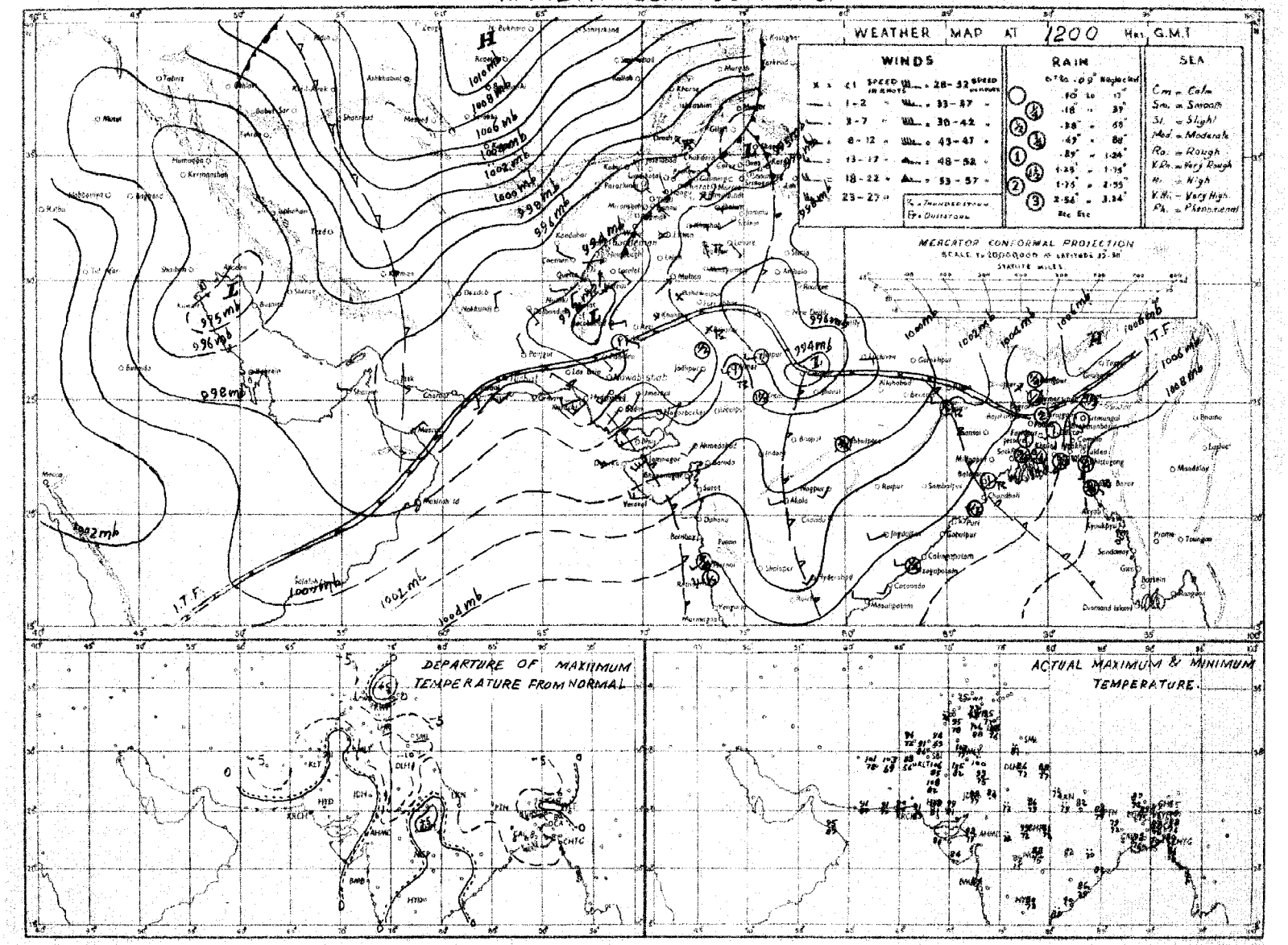
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

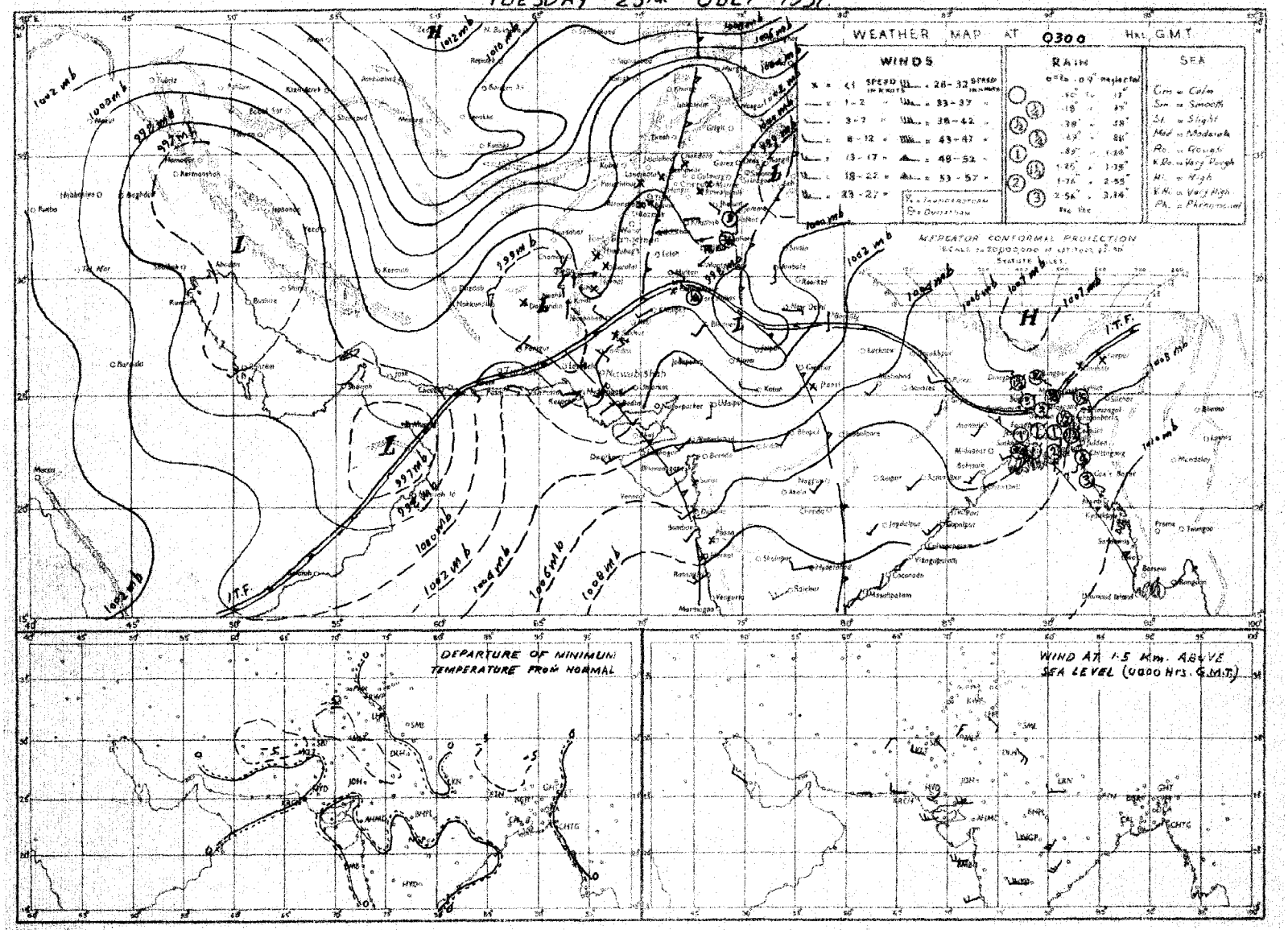
MONDAY 22nd JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 23rd JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

WEDNESDAY, THE 24th JULY, 1957

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

Yesterday's low has moved northwards and lies over northern parts of Punjab (Bharat). It has caused widespread rain in Lahore division.
A low pressure wave is moving across the extreme north of West Pakistan.
Observations lacking but believe conditions are becoming unsettled over Andaman Sea.
Rainfall has been widespread in East Pakistan.

Chief amounts of rainfall are:—Jessore 4", Cox's Bazar, Barisal and Dacca 2" each, Narayanganj, Bogra and Sialkot, 1½" each ; Khulna 1", Sylhet and Satkhira ¾" each, Chittagong, Mymensingh, Dinajpur, Rangpur and Lahore ½" each and Comilla, Brahmanbaria, Faridpur and Sirajganj ¼" each.

Day temperatures were generally 10-20°F below normal in Lahore and adjoining Multan divisions and 2-7°F so elsewhere over West Pakistan outside coastal districts and in East Pakistan.

Forecast valid until the evening of 25th:—Fairly widespread rain will fall in East Pakistan and fairly widespread thunderstorm/showers in Lahore division and scattered in Peshawar, Rawalpindi and Multan divisions.

Earthquake Report:—Geophysical Institute Quetta has recorded an earth shock of considerable intensity at its origin with its epicentre about 5800 miles northeast off Quetta at 05 hrs. 57 minutes and 30 seconds WPST on 23rd July 1957.

Karachi-11.
The 24th July, 1957.

K. U. SIDDIQI.
for Director. Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day (columns 3–19)

DIVISIONS (1)	STATION (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	200	9	6	20	05	95	60	6	072	78	6	5	6	0	0	77	79
	Chittagong	036	4	8	18	13	96	63	6	057	78	8	7	5	×	×	75	84
	Maijdee Court																	
	Comilla	034	5	4	18	09	99	01	6	040	81	4	4	5	0	0	77	89
	Brahmanbaria	022	7	4	18	02	97	03	6	041	81	2	4	4	4	0	75	83
	Sylhet	060	3	8	36	05	95	60	6	041	77	5	7	4	2	×	76	87
	Srimangal	004	3	8	00	00	97	02	6	042	85	8	4	6	×	×	75	87
Dacca	Mymensingh	067	8	8	09	02	97	02	6	036	81	8	4	4	×	×	77	83
	Narayanganj	140	9	8	20	02	94	03	6	036	80	8	7	4	×	×	76	81
	Dacca (Tezgaon)	227	8	6	23	05	97	03	6	033	81	5	5	4	3	0	76	81
	Faridpur	010	6	8	20	03	96	02	6	033	80	7	4	6	1	×	77	84
	Barisal	181	5	8	18	02	95	03	6	041	80	6	9	7	4	×	77	80
Rajshahi	Khulna	006	0	8	18	03	96	03	5	032	85	8	5	6	×	×	77	85
	Satkhira	080	4	8	00	00	96	03	6	037	79	8	6	6	×	×	77	87
	Jessore	350	6	8	09	05	96	50	6	029	77	8	7	5	×	×	76	88
	Sirajganj	041	8	4	18	02	96	02	6	021	80	2	4	4	0	1	76	82
	Bogra	125	4	6	00	00	95	02	6	022	95	6	7	5	0	0	78	85
	Dinajpur	056	6	6	00	00	96	02	6	019	81	0	0	9	2	0	78	84
	Rangpur	042	8	6	09	02	96	01	6	×××	81	5	4	6	2	0	80	87
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	042	9	7	05	03	96	03	6	985	78	5	5	6	2	0	71	78
	Sialkot	070	9	5	05	07	98	01	6	×××	××	3	4	6	2	3	70	75
Rawalpindi	Jhelum	000	8	5	13	03	98	03	2	979	84	2	2	7	1	0	70	85
	Rawalpindi	000	0	5	23	05	98	02	2	962	83	5	2	7	3	0	73	93
	Khushab	000	0	4	11	07	98	03	0	962	92	2	2	6	5	0	73	95
Multan	Lyallpur	000	0	6	07	02	96	02	0	973	88	6	0	9	5	0	73	89
	Montgomery	000	0	6	18	05	96	02	0	974	85	6	5	7	0	0	75	89
	Multan	000	0	4	13	02	96	01	0	956	99	1	1	7	1	1	75	99
Bahawalpur	Leiah																	
	Khanpur	000	1	7	16	09	95	15	3	961	93	3	3	7	5	0	77	05
	Bahawalpur	000	0	7	00	00	97	02	2	960	97	7	0	9	2	0	83	98
	Fort Abbas	000	0	6	05	07	97	03	2	960	91	6	1	6	0	0	75	99
Peshawar	Chakdara	000	0	2	00	00	98	02	1	916	94	2	2	7	0	0	68	96
	Peshawar	000	0	1	05	03	97	01	0	929	98	2	1	6	0	0	67	00
	Haripur	000	9	5	05	02	97	03	1	931	97	5	2	6	0	0	70	99
	Campbellpur	000	0	3	23	07	98	01	1	936	00	3	1	6	0	0	34	00
D.I. Khan	Bannu	000	0	3	13	02	99	03	0	938	97	0	0	9	0	8	80	97
	D.I. Khan	000	0	0	00	00	98	00	0	956	99	0	0	9	0	0	76	00
Quetta	Sibi	000	8	4	18	01	99	03	1	962	03	4	0	9	3	0	73	03
Kalat	Nokkundi	000	0	0	34	02	98	02	0	926	02	0	0	9	0	0	29	05
	Turbat	000	0	0	23	03	97	00	0	996	04	0	0	9	0	0	74	07
	Jiwani	000	3	5	13	12	96	01	2	989	87	4	5	5	0	1	75	89
	Pasni	000	0	4	18	14	96	02	0	011	90	4	5	7	0	0	75	91
	Ormara	000	0	6	××	××	98	02	0	009	88	6	2	5	0	0	83	90
	Las Bela	000	0	4	13	04	96	00	3	979	92	4	0	8	4	0	73	02
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	23	12	97	01	2	998	87	2	6	4	3	1	86	89
	Karachi (Air port)	000	0	7	23	10	96	03	2	003	86	5	5	6	2	0	81	90
	Badin	000	0	8	23	03	97	20	3	020	90	8	8	6	×	×	71	94
	Nagarparker																	
	Umarkot	000	0	7	23	03	97	02	0	969	92	6	0	9	2	1	77	94
	Hyderabad	000	0	8	20	10	97	02	2	986	93	4	5	6	2	×	72	97
Khairpur	Pad-i-dan	000	0	4	18	05	98	01	1	969	01	0	0	9	0	2	69	03
	Nawabshah																	
	Sukkur	000	8	3	20	03	96	01	1	962	00	3	0	9	8	0	78	01
	Reti																	
	Jacobabad	000	0	4	13	10	96	02	0	963	01	4	0	9	7	0	75	02
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	09	99	00	0	962	88	0	0	9	0	0	63	96
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	029	75	0	0	9	0	0	35	78
Rawalpindi	Aliabad *																	
	Gilgit *																	
	Murree *	000	8	8	23	03	95	03	4	414	67	8	5	2	×	×	64	69
Peshawar	Drosh *	000	0	0	00	00	96	00	0	373	95	0	0	9	0	0	45	97
	Cherat *	000	4	1	18	05	97	01	0	410	85	1	1	6	0	0	65	87
	Kakul *	000	4	6	23	07	98	01	3	413	03	6	2	7	0	0	67	85
	Landi Kotal *	000	0	1	16	05	97	01	1	399	92	1	2	6	0	0	65	92
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	794	82	0	0	9	0	0	57	××
	Miranshah *	000	0	0	05	02	99	00	0	443	91	0	0	9	0	0	86	92
	Wana *	000	0	0	09	02	99	10	1	391	83	0	0	9	0	0	61	91
Quetta	Fort Sandeman *	000	0	6	13	02	96	03	1	395	96	6	2	6	0	0	52	97
	Hindubagh *	000	0	0	00	00	98	00	0	384	92	0	0	9	0	0	29	94
	Loralai *	000	0	3	16	02	98	02	1	453	89	3	0	9	5	0	59	90
	Harnai *	000	0	2	13	02	98	02	0	×××	××	0	0	9	0	2	××	××
	Quetta *	000	0	2	27	02	98	03	0	387	92	1	7	8	0	8	44	93
Kalat	Chaman *	000	0	0	29	05	97	00	0	409	96	0	0	9	0	0	88	98
	Kalat *	000	0	0	36	07	98	00	0	407	85	0	0	9	0	0	23	90
	Nushki *	000	0	0	36	06	96	00	0	463	03	0	0	9	0	0	61	04
	Dalbandin *	000	8	2	27	05	96	03	0	416	04	0	0	9	0	2	35	05
	Panjgur *	000	0	0	31	03	98	00	0	433	00	0	0	9	0	0	53	01
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date (columns 20–36); **Departure from Normal of** (columns 37–38); **Rainfall** (columns 39–42)

STATION (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	719	9	8	16	03	95	60	6	082	75	8	4	6	2	×	73	74	- 6	- 2	75.7	+ 18.2	86.6	104
Chittagong	042	6	7	16	13	97	03	6	071	80	5	6	6	2	0	74	75	- 2	- 2	42.1	+ 3.6	49.5	108
Maijdee Court																							115
Comilla	034	9	8	18	07	99	02	6	057	80	8	5	5	×	×	75	76	+ 2	- 1	28.3	- 1.5	50.2	194
Brahmanbaria	022	0	8	18	02	97	03	2	059	82	4	4	4	×	×	75	77	—	—	26.5	+ 4.0	44.2	78
Sylhet	073	6	8	09	05	96	02	6	061	79	6	5	6	7	×	76	77	—	—	42.1	—	92.5	..
Srimangal	009	7	6	18	02	97	02	1	066	82	3	1	7	0	2	74	75	- 4	- 1	35.4	+ 5.8	62.2	98
Mymensingh	067	0	6	00	00	98	02	2	057	82	6	4	5	0	0	76	76	- 5	- 2	32.9	+ 3.0	43.6	91
Narayanganj	155	9	8	16	05	94	50	6	053	80	8	7	3	×	×	76	78	- 7	- 1	31.5	+ 9.0	47.6	74
Dacca (Tezgaon)	2 1	2	8	18	03	96	51	6	043	79	6	5	3	2	×	78	78	—	—	32.2	—	71.2	..
Faridpur	023	9	8	18	02	96	03	6	073	81	5	5	6	0	0	77	77	- 4	- 2	26.0	+ 4.1	38.0	71
Barisal	181	9	6	18	01	96	62	6	051	79	5	7	9	0	0	78	76	- 7	- 3	32.3	+ 4.7	39.3	81
Khulna	092	9	7	13	03	97	01	6	048	83	7	4	6	0	0	79	76	- 3	- 2	25.3	+ 1.5	33.1	68
Satkhira	080	3	8	18	03	96	51	5	044	80	×	×	6	×	×	79	76	- 1	- 2	18.7	- 4.1	24.5	65
Jessore	350	0	7	18	05	97	03	2	043	79	5	8	6	6	0	78	75	—	—	28.0	+ 6.8	32.3	65
Sirajganj	069	3	8	00	00	94	51	5	044	78	8	7	4	×	×	77	76	- 6	- 3	39.7	+ 18.5	50.7	64
Bogra	140	0	6	13	02	97	02	1	040	80	6	6	6	0	0	77	76	- 4	- 3	39.8	+ 17.7	47.2	69
Dinajpur	056	2	6	00	00	96	02	0	042	81	4	4	7	2	0	78	73	- 6	- 6	23.8	- 2.0	27.2	72
Rangpur	042	0	7	13	05	96	03	2	×××	82	7	5	6	×	×	81	77	- 3	- 1	29.8	- 0.9	38.6	84
Jammu																							
Lahore (Jail Rd.)	043	8	8	05	03	96	50	6	994	78	3	5	6	7	×	76	77	- 21	- 2	4.7	- 1.0	13.7	19
Sialkot	163	9	8	31	02	98	02	6	999	75	6	7	6	3	×	73	71	- 22	- 8	7.4	- 1.3	30.7	32
Jhelum	000	9	4	00	00	97	03	2	002	81	4	0	9	3	0	70	75	—	—	3.4	—	14.2	..
Rawalpindi	000	0	3	00	00	99	01	1	992	82	3	0	9	3	0	71	75	- 4	- 2	4.5	- 3.7	20.5	36
Khushab	000	0	3	09	02	99	03	0	000	84	1	1	6	3	0	72	79	- 7	- 3	2.0	- 2.2	10.7	15
Lyallpur	000	0	7	07	02	96	02	0	000	83	0	0	9	5	0	75	77	- 12	- 5	3.4	- 0.1	9.5	12
Montgomery	000	0	5	09	02	96	01	2	990	80	5	0	9	2	0	77	71	- 14	- 11	0.2	- 2.6	4.0	10
Multan	000	0	0	05	02	96	00	0	988	83	0	0	9	0	0	75	78	- 3	- 7	0.7	- 1.1	4.1	7
Leiah																							..
Khanpur	000	0	4	23	05	96	01	1	984	88	0	0	9	0	4	77	84	+ 1	+ 1	0	- 1.9	1.0	6
Bahawalpur	000	0	3	00	00	97	00	0	991	88	3	0	9	0	5	80	82	- 4	- 1	1.0	- 0.8	2.3	6
Fort Abbas	000	0	5	31	07	97	02	2	992	92	5	1	6	0	0	75	80	—	—				8
Chakdara	000	0	4	××	××	98	03	0	962	83	0	×	8	8	×	72	61	—	—	1.2	—	16.0	..
Peshawar	000	0	1	36	03	98	02	2	982	84	1	1	6	3	0	72	79	- 1	- 1	0.1	- 1.1	11.1	14
Haripur	000	9	7	18	02	97	03	1	980	85	7	5	6	0	0	62	80	—	—	—	—	—	..
Campbellpur	000	0	5	13	03	99	01	1	990	87	5	5	1	0	0	70	82	—	—	0.7	—	16.1	..
Bannu	000	0	3	13	02	99	03	0	991	83	3	0	9	4	0	74	81	—	—	1.4	—	8.4	11
D.I. Khan	000	0	4	13	02	97	01	1	978	86	0	0	9	4	0	74	81	- 3	- 2	1.0	- 1.2	6.5	10
Sibi	000	0	0	00	00	99	00	0	986	90	0	0	9	0	0	76	79	—	—	0.3	—	5.3	5
Nokkundi	000	0	0	34	05	99	02	0	989	85	0	0	9	0	0	39	78	—	—	0	—	1.9	2
Turbat	000	0	0	23	02	98	02	0	009	85	0	0	9	0	0	74	77	—	—	2.5	—	5.9	..
Jiwani	000	0	7	13	07	96	03	2	021	83	7	6	5	0	0	72	81	—	—	0	—	3.1	4
Pasni	000	0	6	23	02	94	05	0	990	82	6	5	7	0	0	77	80	+ 1	+ 2	0	- 0.6	6.2	6
Ormara	000	0	0	××	××	98	02	1	040	83	5	2	5	0	0	81	80	—	—	0	- 0.6	3.8	6
Las Bela	000	0	0	12	02	98	00	0	007	86	0	0	9	0	0	77	81	—	—	1.0	—	2.1	8
Karachi (Manora)	000	0	7	25	09	95	03	2	018	83	2	6	4	7	0	82	80	+ 1	- 1	0.5	- 2.6	0.9	8
Karachi (Air port)	000	0	8	25	10	96	02	2	019	84	5	6	5	2	×	79	82	—	—	0.7	—	1.1	..
Badin	000	0	5	23	02	96	00	0	000	84	5	7	9	0	0	77	××	+ 1	×	0	- 3.6	1.3	9
Nagarparker	×××	×	9	36	05	96	00	3	×××	××	9	2	9	4	2	××	××		×	—	—	—	..
Umarkot	000	0	0	23	03	97	00	0	990	85	0	0	9	0	0	77	80	—	—	2.8	—	2.8	..
Hyderabad	000	0	6	20	10	97	02	0	004	85	0	0	9	7	0	75	82	- 1	+ 1	0.2	- 2.4	2.0	..
Pad-i-dan	000	0	7	13	05	97	03	2	985	86	7	0	9	3	0	72	83	—	—	0	—	1.2	..
Nawabshah	000	0	5	18	05	97	02	1	991	86	5	0	9	7	0	74	83	—	—	0.1	—	0.6	..
Sukkur	000	9	3	00	00	96	01	0	987	87	0	0	9	0	9	75	82	—	—	0	—	2.8	4
Reti																							..
Jacobabad	000	0	0	13	06	96	02	0	988	87	0	0	9	0	0	75	84	- 5	0	0	- 1.0	3.5	4
Veraval																							20
Jalalabad																							..
Muscat	000	9	8	09	02	97	03	2	001	85	0	0	8	2	0	81	85	+ 3	- 1	0	- 0.1	6.9	4
Kuwait																							5
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							..
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																		—					..
Aliabad *																							..
Gilgit *																							
Murree *	000	0	9	25	03	90	49	1	431	63	9	×	0	×	×	62	61	- 4	+ 3	9.5	- 3.7	43.4	59
Drosh *	000	0	1	00	00	96	03	1	424	85	1	1	7	0	0	54	71	0	- 2	0.8	—	22.9	18
Cherat *	000	3	7	18	02	94	42	4	427	70	7	0	9	2	0	65	70	- 2	- 1	1.3	- 3.0	22.0	29
Kakul *	000	9	7	16	03	97	01	1	433	73	7	8	6	0	0	68	72	—	—	5.1	—	32.6	..
Landi Kotal *	000	0	0	02	02	97	00	0	423	79	·	0	9	0	0	70	73	—	—	0.6	—	14.9	..
Parachinar *	000	0	0	00	00	99	00	0	799	68	0	0	9	0	0	54	××	×	×	3.4		22.5	29
Miranshah *	000	0	0	05	02	99	00	0	467	79	0	0	9	0	0	76	76	—	—	1.1	- 0.9	13.4	13
Wana *	000	0	0	00	00	97	00	0	428	77	0	0	9	0	0	68	70	—	—	1.0	—	13.1	11
Fort Sandeman *	000	0	0	00	00	96	02	0	426	80	0	0	9	0	0	67	76	0	+ 2	1.6	- 0.6	12.1	11
Hindubagh *	000	0	0	27	02	98	00	0	427	78	0	0	9	0	0	48	64	—	—	0	—	12.3	..
Loralai *	000	0	0	27	02	98	00	0	439	72	0	0	9	0	0	57	64	—	—	1.6	—	10.5	..
Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	×	×	1.5	- 1.3	13.8	14
Quetta *	000	0	1	00	00	96	03	0	428	73	0	0	9	0	0	57	62	—	—	0	- 0.5	9.5	9
Chaman *	000	0	0	25	03	97	00	0	492	80	0	0	9	0	0	74	72	- 3	- 3	0	- 0.1	10.2	8
Kalat *	000	0	0	23	03	98	00	0	454	70	0	0	9	0	0	55	55	- 1	- 7	0	- 0.7	8.4	..
Nushki *	000	0	0	09	05	97	00	0	518	84	0	0	9	0	0	42	77	—	—	0	—	8.0	..
Dalbandin *	000	9	3	00	00	96	03	0	421	83	0	0	9	0	·	31	71	- 4	- 5	0	- 1.0	4.4	..
Panjgur *	000	0	0	26	03	98	00	0	436	76	0	0	9	0	0	56	71	- 2	- 5	0	—	4.2	4
Kabul *																							
Kandahar *																							

†Given in Code
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day
(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY, THE 24th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Karanja	33 176	582 00	4 22 17	98 02 0	005 77	40 9 10	1 5 611	..	0 51 73	1 22 33
Karanja	33 183	593 06	8 22 17	98 02 2	010 79	37 6 2×	2 5 802	..	0 01 75	1 22 33
Karanja	33 198	603 12	8 22 17	97 05 2	004 81	80 9 2×	2 5 405	8 8 460	0 08 79	1 22 33
Jahangir	33 189	640 18	8 23 25	97 05 2	040 81	82 6 ××	6 2 110	..	0 01 75	1 23 37
Karanja	33 208	615 18	7 22 17	98 05 2	020 79	00 9 2×	1 5 207	..	0 00 75	1 22 33

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	999 292 265	..	..	410 212 212	..	120 158 118	405 045 015	865 542 545	600 592 625	976 765	266 045	..	703 085
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	825 188 145	..	..	..	..	100 142 562	375 028 562	815 585 999	504 705 999	956 865	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 232 232	800 222 165	494 548 565	451 628 638	350 652 665	288 762 785	250 870 870	244 885 902	150 115 999	150 115 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 188 138	723 162 548	580 000 999	527 568 999	350 780 999	..	..	..	..	350 780 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of °C.
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra ..	17 09	..	..	..	..	..	..	..	..
Chaklala ..				..	..	..	..	..	..
Chhor ..	22 20	22 23	21 22	..	..		..	..	..
Chittagong ..	28 17	18 24		..	..	..	..	..	..
Cox's Bazar ..	20 18	22 22	22 22	23 19	..	..	..	..	..
Dacca ..	18 20	18 22	19 20	20 20					
Dalbandin ..	..	..	26 03	22 11	23 07	27 09	33 27	33 10	35 16
Ds L. Khan ..	..	..	..					..	..
Drosh ..	..	..	..	24 08	23 11	22 15	20 19	..	..
Fort Sandeman ..	..	..	..	28 04	22 04	22 06	31 14	31 10	34 12
Jacobabad ..	16 08	17 10	18 09	14 07	13 03	35 05	31 12	34 17	33 17
Jessore ..									
Jhelum ..	10 10	10 09	10 03	23 09	02 06	35 16	..	..	..
Jiwani ..	16 10	12 17	14 14	15 12	04 19	01 20	02 31	..	..
Karachi ..	23 21	23 12	22 09					..	..
Khanpur ..	10 12	08 08	04 03	27 13	28 11	36 12	..	..	..
Lahore ..	03 27	01 15	03 06	11 11	12 07	35 12	..	..	..
Multan ..	05 04	02 04	02 07	25 12	35 17	35 17	34 15	31 18	33 30
Muscat ..	..				..	..	..	..	..
Panjgur ..	..					..	..	..	..
Peshawar ..	..	07 09	10 07	15 07	17 10	29 09	29 17	32 15	30 19
Quetta ..	..	..		..	31 10	30 01	27 08	33 17	33 16
Sharjah ..		..	..	..	..		..	..	..
Sylhet ..	26 03	..	..	..	..	..	..	..	..
Veraval ..		..							

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra ..	14 12	14 13	15 18	14 19	..	..
Chaklala ..				..	..	..
Chhor ..	23 25	24 29	24 32			
Chittagong ..	17 22	17 21	18 21	18 18	18 17	20 11
Cox's Bazar ..	17 19	18 18	19 18	..	..	..
Dacca ..	17 19	18 20				
Dalbandin ..	..	..	06 12	08 13	07 12	08 07
Ds L. Khan ..	..		..			
Drosh ..	..	..		..	20 04	19 02
Fort Sandeman ..	..		..	08 03	22 01	11 12
Jacobabad ..	19 16	21 13	18 05	18 03	27 03	32 07
Jessore ..						
Jhelum ..	12 07	12 15	14 11	14 03	34 09	36 17
Jiwani ..	12 01	12 09	15 07	27 02	..	
Karachi ..	25 26	25 31	25 25			
Khanpur ..	23 17	24 26	26 21	34 11	30 08	..
Lahore ..	02 08	14 10	14 15	14 22	15 13	..
Multan ..	14 17	15 17	18 09	25 11	29 10	33 10
Muscat ..	..		..		..	
Panjgur ..	..	..			..	..
Peshawar ..	..	..	..	..	..	..
Quetta ..	..	..		..	17 02	27 13
Sharjah ..						
Sylhet ..	17 14	18 16	18 06	19 06	..	..
Veraval ..					..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	14 15	13 23	13 19	..	..	..	..	..	..	..	..
Chaklala ..	..		..	..	..	..	..	..	..	..	..
Chhor ..			..	..	..	..	..	..	..	..	..
Chittagong ..	16 11	17 17		..	..	..	..	..	..	..	..
Cox's Bazar ..	17 18	18 19	19 19	..	..	..	..	..	..	..	..
Dacca ..	14 18	17 07									
Dalbandin ..	..	..	33 01	34 03	33 06	35 07	02 27	36 30	36 24	26 05	24 04
Ds L. Khan ..	..	..	..	..							
Drosh ..	..	..	..		22 04	21 02	33 05	36 06	25 06	25 20	23 35
Fort Sandeman ..	..	..		21 06	33 04	28 11	34 09	34 11	29 09	24 17	22 15
Jacobabad ..	15 04	15 03	22 03	33 07	02 07	36 03	36 07	01 10	03 02	21 03	15 12
Jessore ..											
Jhelum ..	01 01	25 02	14 04	36 06	36 09	36 12	33 07	19 08	24 10	21 13	..
Jiwani ..	14 08	13 05	13 05		..	..	..	..	..	..	..
Karachi ..	25 29	25 28	26 29	29 17							..
Khanpur ..	23 08	26 08	26 07	26 06	30 07	33 11	33 10	36 09	05 15	..	..
Lahore ..	01 09	05 07	09 10	09 05	..	..	..	..	..		..
Multan ..	26 01	11 03	13 04	15 04	16 04	31 12	35 21	35 14	33 12	30 12	19 12
Muscat ..	..	..		..	..	..	..	..	..		..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..							..
Quetta ..	..	..	..	..	30 05	29 08	34 13	35 10	32 09	28 10	22 12
Sharjah ..											
Sylhet ..	11 05	17 01	..	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	24 15	24 15	28 15	32 15	32 14	02 12	04 12	04 05	04 06	08 09	10 06	09 08	10 12	09 27	08 33	08 49	08 27	
Peshawar ..																		
Quetta ..																		

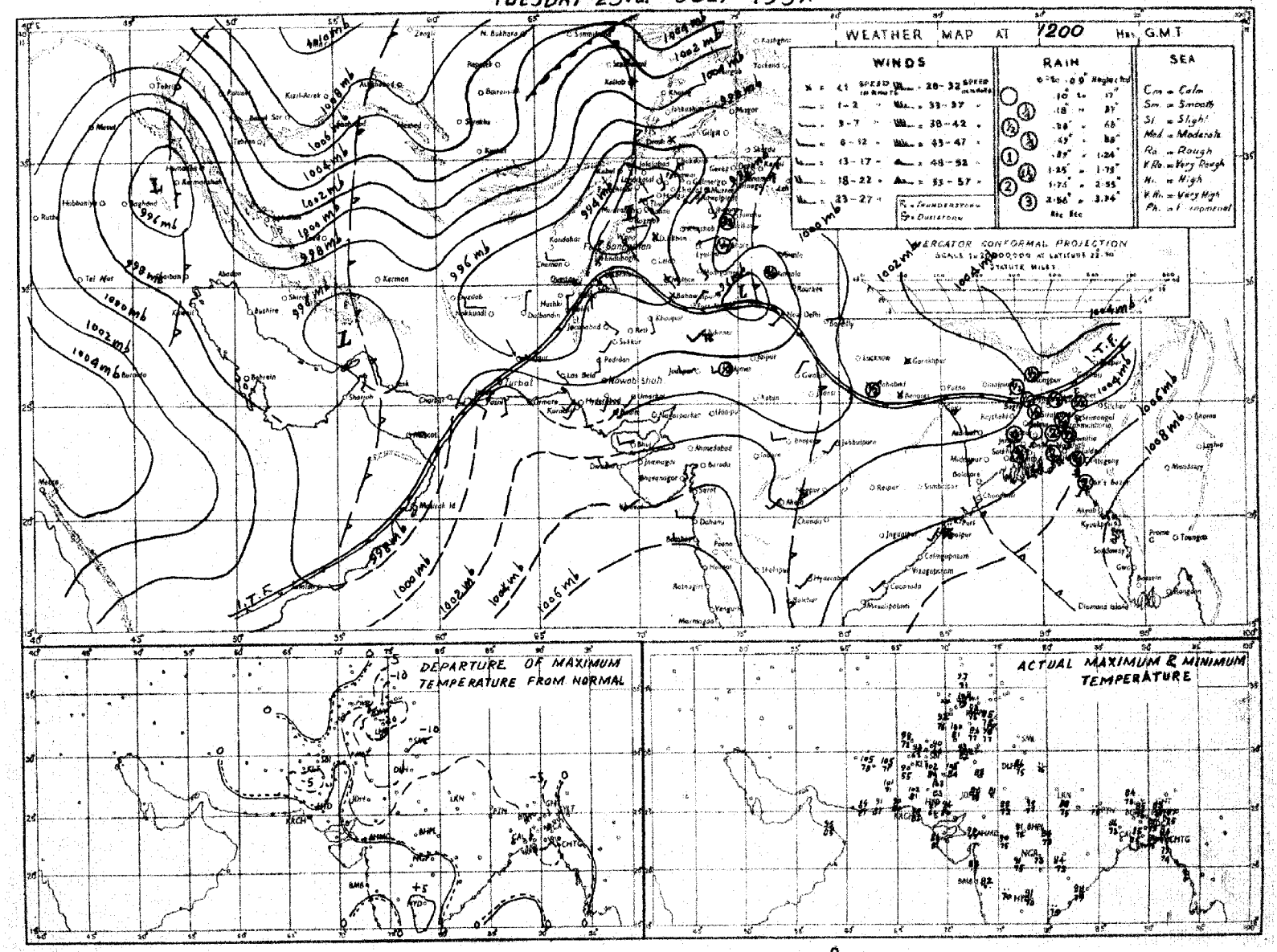
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

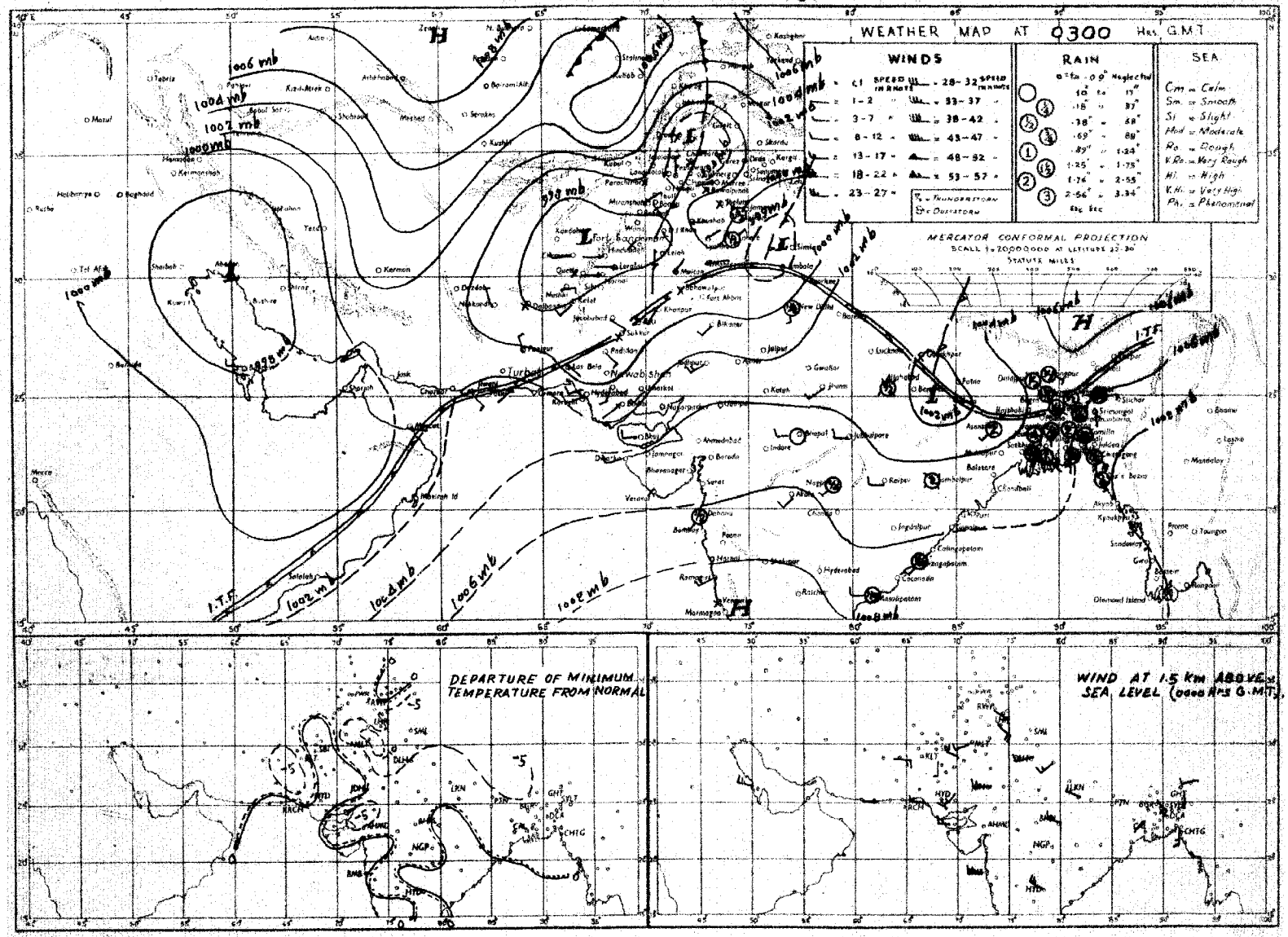
TUESDAY 23rd: JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 24th JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1167

THURSDAY, THE 25th JULY, 1957

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

Yesterday's low pressure wave is moving away eastwards across Kashmir and has caused fairly widespread thunderstorm/showers in Peshawar and D. I. Khan divisions.

Observations lacking, but believe a well marked low pressure area exists over northeast Bay of Bengal and adjoining Andaman Sea.

Rainfall has been fairly widespread in Dacca division and local in Chittagong and Rajshahi divisions.

Chief amounts of rainfall are:—Khulna and Parachinar 2" each; D. I. Khan and Dinajpur 1" each; Miranshah ¾"; Cox's Bazar, Dacca, Rangpur, Lahore, Haripur and Campbellpur ½" each; Comilla, Barisal, Sirajganj, Chakdara, Peshawar, and Cherat ¼" each.

Day temperatures were 8-16°F below normal in Lahore division and 3-7°F so in Rawalpindi, D. I. Khan, Multan, Rajshahi and Chittagong divisions.

Forecast valid until the evening of 26th:—Local rain/thundershowers will occur in East Pakistan, Rawalpindi and Lahore divisions and scattered in Peshawar and D. I. Khan divisions. A few dust/thunderstorms are likely in Multan and Bahawalpur divisions.

Karachi-11,
The 25th July, 1957.

K. U. SIDDIQIU.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	015	9	4	18	07	96	01	6	063	80	3	5	6	0	9	76	81
	Chittagong	008	5	8	16	05	96	02	6	056	80	5	6	6	2	x	74	82
	Maijdee Court																	
	Comilla	005	5	6	18	12	99	03	6	044	81	6	4	5	0	0	77	85
	Brahmanbaria	000	0	6	18	03	97	03	2	041	82	4	4	4	4	0	76	82
	Sylhet	000	0	7	00	00	96	03	2	041	83	5	5	5	3	0	77	88
	Srimangal	005	5	5	18	02	97	03	6	043	76	4	8	6	0	1	76	89
Dacca	Mymensingh	000	0	6	13	02	98	02	2	037	85	6	7	4	0	0	76	87
	Narayanganj	005	9	7	13	05	94	03	6	036	83	3	4	3	2	0	76	87
	Dacca (Tezgaon)	004	9	7	13	05	97	03	2	026	83	7	6	4	0	0	76	85
	Faridpur	010	5	6	18	02	96	01	6	027	83	2	4	7	1	0	79	84
	Barisal	000	0	6	00	00	96	02	2	042	82	5	6	6	6	0	76	86
Rajshahi	Khulna	136	2	8	00	00	97	02	6	024	80	8	5	6	x	x	77	88
	Satkhira	000	0	8	23	02	96	03	2	029	87	8	6	6	x	x	77	87
	Jessore	000	0	6	18	05	97	02	2	033	82	4	4	6	6	0	79	87
	Sirajganj	026	8	7	18	02	96	00	6	022	81	6	4	5	0	1	79	88
	Bogra	000	0	0	13	02	96	00	1	021	83	0	0	9	0	0	79	86
	Dinajpur	000	2	3	09	02	96	01	2	028	84	3	0	9	4	0	77	86
	Rangpur	000	0	7	09	02	96	01	2	xxx	84	7	4	6	0	0	75	xx
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	046	9	8	05	02	96	03	5	987	76	8	6	3	x	x	75	81
	Sialkot	000	0	8	05	02	98	02	2	989	75	8	4	7	x	x	75	81
Rawalpindi	Jhelum	000	3	8	13	05	98	02	2	980	86	1	4	7	2	x	71	95
	Rawalpindi	000	0	6	16	09	98	03	2	952	92	6	5	6	0	0	79	94
	Khushab	000	0	5	11	03	98	02	1	958	97	2	3	6	7	0	72	99
Multan	Lyallpur	000	0	6	13	03	96	02	0	970	85	0	0	9	0	5	76	94
	Montgomery	000	0	1	05	03	96	01	0	968	93	1	0	9	1	0	81	97
	Multan	000	0	1	23	02	96	01	0	955	99	0	0	9	0	1	79	01
Bahawalpur	Leiah																	
	Khanpur	000	0	4	23	05	96	01	1	963	95	4	4	8	0	0	77	03
	Bahawalpur	000	0	3	00	00	97	02	0	956	01	3	0	9	2	0	89	01
	Fort Abbas	000	0	7	31	03	97	03	2	954	01	x	x	x	x	x	xx	xx
Peshawar	Chakdara	000	0	2	xx	xx	98	03	1	909	92	2	2	7	0	0	74	95
	Peshawar	000	0	4	05	05	97	03	1	927	99	3	8	7	0	1	71	00
	Haripur	000	9	7	36	02	97	03	1	533	98	7	2	6	0	0	71	99
	Campbellpur	000	0	6	18	09	98	03	1	941	00	7	5	6	0	0	87	00
D. I. Khan	Bannu	000	0	4	13	02	99	03	1	942	95	0	0	9	0	3	73	96
	D.I. Khan	000	6	2	00	00	98	03	0	962	98	0	0	9	0	2	75	99
Quetta	Sibi	000	0	0	00	00	99	02	0	935	08	0	0	9	0	0	66	10
Kalat	Nokkundi	000	0	0	34	09	98	00	0	925	06	0	0	9	0	0	34	10
	Turbat	000	0	0	00	00	97	00	0	998	01	0	0	9	0	0	78	05
	Jiwani	000	0	6	13	10	96	01	1	000	85	6	6	5	0	0	76	88
	Pasni	000	0	3	23	12	96	02	0	019	86	3	5	7	0	0	77	91
	Ormara	000	0	3	xx	xx	98	02	1	019	88	3	0	9	2	0	83	89
	Las Bela	000	0	0	13	04	98	00	0	971	98	0	0	9	0	0	71	03
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	12	97	01	1	001	89	0	0	9	2	1	86	90
	Karachi (Air port)	000	0	6	25	12	96	01	2	002	87	4	6	5	3	0	81	89
	Badin	000	0	2	23	03	97	02	0	008	94	2	5	5	0	0	75	97
	Nagarparker																	
	Umarkot	000	0	0	23	03	97	00	0	977	96	0	0	9	0	0	78	99
	Hyderabad	000	0	7	23	14	95	07	2	982	93	0	0	9	7	5	73	96
Khairpur	Pad-i-dan	000	0	3	18	02	98	01	1	952	05	0	0	9	0	1	66	06
	Nawabshah																	
	Sukkur	000	8	5	18	05	96	03	1	946	03	0	0	9	0	2	74	04
	Reti																	
	Jacobabad	000	0	4	14	07	96	02	1	950	04	4	0	9	7	0	73	05
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	6	09	05	98	01	2	986	85	0	0	9	2	0	78	87
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	029	76	0	0	9	0	0	27	81
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	6	23	05	96	02	4	416	70	4	5	2	5	0	64	70
Peshawar	Drosh *	000	0	6	23	07	96	03	1	366	94	6	2	7	0	0	48	99
	Cherat *	000	2	6	18	07	97	03	1	410	86	2	2	6	6	0	67	89
	Kakul *	000	7	7	18	01	98	02	2	417	82	6	8	6	6	0	68	87
	Landi Kotal *	000	0	5	02	03	97	03	1	420	89	5	2	6	0	0	77	92
D. I. Khan	Parachinar *	000	0	0	13	02	99	00	0	794	80	0	0	9	0	0	57	xx
	Miranshah *	000	0	6	05	02	98	02	0	400	89	6	0	9	6	0	86	91
	Wana *																	
Quetta	Fort Sandeman *	000	0	2	23	02	96	01	0	395	00	2	2	6	0	0	42	02
	Hindubagh *	000	0	0	27	05	98	00	0	393	94	0	0	9	0	0	49	96
	Loralai *	000	0	0	23	02	98	00	0	465	92	0	0	9	0	0	57	93
	Harnai *	000	0	0	13	02	98	00	0	xx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	27	12	95	07	0	410	94	1	1	7	0	0	62	95
Kalat	Chaman *	000	0	0	25	05	98	00	0	413	99	0	0	9	0	0	79	00
	Kalat *	000	0	0	29	07	98	00	0	411	87	0	0	9	0	0	37	90
	Nushki *	000	0	0	31	08	96	00	0	465	03	0	0	9	0	0	59	04
	Dalbandin *	000	8	4	23	03	96	03	0	422	06	0	0	9	0	1	42	08
	Panjgur *	000	0	0	31	03	98	00	0	429	01	0	0	9	0	0	47	02
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	043	9	3	11	03	96	01	0	107	82	3	5	7	5	0	76	74
Chittagong	017	3	6	09	09	97	01	6	105	81	6	5	7	2	0	75	75
Maijdee Court																	
Comilla	032	2	4	18	10	99	03	5	096	80	3	4	5	8	0	76	76
Brahmanbaria	000	0	6	13	07	97	03	2	097	83	6	5	3	0	9	77	77
Sylhet	00	9	7	09	05	96	01	2	100	81	7	4	6	0	0	76	77
Srimangal	005	1	5	00	00	97	02	1	103	83	3	1	7	0	2	75	76
Mymensingh	000	0	8	11	02	98	02	2	095	82	8	7	4	x	x	76	77
Narayanganj	005	9	7	11	02	95	03	6	096	80	3	4	6	7	0	76	79
Dacca (Tezgaon)	05.	9	7	13	03	97	02	6	087	82	3	4	3	4	0	77	77
Faridpur	011	9	6	18	02	96	03	0	081	84	6	5	7	0	0	75	74
Barisal	033	9	6	18	02	96	03	6	087	84	5	7	9	4	0	78	77
Khulna	180	9	7	18	03	97	11	5	088	85	7	4	7	0	0	77	77
Satkhira	000	0	3	18	02	99	01	1	081	86	2	5	9	9	0	77	78
Jessore	000	0	3	13	05	97	01	0	080	84	2	8	6	1	0	77	77
Sirajganj	036	9	8	00	00	96	02	6	xxx	xx	8	2	5	x	x	79	77
Bogra	012	7	5	13	02	97	02	6	076	81	4	4	6	6	0	79	78
Dinajpur	095	2	4	09	02	96	02	2	069	82	0	0	9	2	0	78	74
Rangpur	064	3	6	18	02	96	01	6	xxx	83	6	5	6	0	0	79	77
Jammu																	
Lahore (Jail Rd.)	049	9	1	05	02	96	01	2	021	81	1	1	7	0	0	73	74
Sialkot	012	5	4	05	02	98	01	6	021	77	2	4	8	2	3	71	72
Jhelum	000	5	5	18	03	98	02	2	025	82	5	0	9	3	0	69	75
Rawalpindi	000	9	5	00	00	98	01	5	022	82	5	2	6	0	0	73	75
Khushab	000	0	6	09	03	99	01	2	026	82	6	9	6	0	0	74	78
Lyallpur	000	0	7	13	02	96	02	0	023	80	7	3	8	0	0	74	77
Montgomery	000	0	0	13	02	96	02	0	997	82	0	0	9	0	0	78	78
Multan	030	0	7	02	02	96	03	1	006	84	2	1	8	2	2	76	74
Leiah																	
Khanpur	000	0	0	20	03	96	00	0	006	86	0	0	9	0	0	77	83
Bahawalpur	000	0	0	00	00	97	00	0	005	89	0	0	9	0	0	80	85
Fort Abbas	000	0	0	23	02	99	00	0	013	90	0	0	9	0	0	74	85
Chakdara	025	0	6	00	00	98	02	2	047	xx	6	8	7	0	0	69	59
Peshawar	026	9	6	37	02	98	01	9	017	76	3	9	2	7	0	70	72
Haripur	065	9	7	05	07	97	03	6	021	77	7	7	6	x	x	70	71
Campbellpur	050	8	8	20	03	99	03	6	026	75	8	5	6	0	0	71	71
Bannu	016	2	7	09	02	96	03	6	025	74	7	5	5	0	0	73	74
D.I. Khan	044	3	7	31	02	97	03	1	999	80	7	7	8	0	0	75	72
Sibi	000	0	0	00	00	99	00	0	995	90	0	0	9	0	0	73	89
Nokkundi	000	0	0	11	02	98	02	0	992	90	0	0	9	0	0	55	69
Turbat	000	0	0	27	02	98	01	2	009	85	0	0	9	0	0	76	85
Jiwani	000	0	6	18	05	96	01	2	025	83	5	5	5	0	9	73	80
Pasni	000	0	6	27	05	95	00	0	044	83	6	5	7	0	0	68	80
Ormara	000	0	0	00	00	98	02	1	045	83	8	2	5	0	0	80	80
Las Bela	000	0	0	12	02	98	00	0	016	84	0	0	9	0	0	73	82
Karachi (Manora)	000	0	2	27	07	95	01	0	019	85	2	6	4	0	0	82	81
Karachi (Air port)	000	0	6	25	10	96	02	2	022	84	6	6	5	0	0	78	81
Badin	000	0	0	23	02	96	00	0	025	83	0	0	9	0	0	77	xx
Nagarparker																	
Umarkot	000	0	0	23	03	97	00	0	002	83	0	0	9	0	0	77	78
Hyderabad	000	0	3	23	12	96	07	0	007	84	0	0	9	0	5	75	80
Pad-i-dan	000	0	6	13	09	98	03	1	990	85	0	0	9	0	1	72	80
Nawabshah	000	0	2	18	05	97	02	0	997	85	2	0	9	3	0	75	81
Sukkur	000	9	1	29	03	96	01	0	997	83	0	0	9	0	3	74	80
Reti																	
Jacobabad	000	0	0	09	07	96	02	0	003	86	0	0	9	0	0	76	84
Veraval																	
Jalalabad																	
Muscat	000	0	8	09	05	98	03	2	011	84	0	0	8	4	0	78	xx
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	000	9	7	27	xx	98	02	1	446	65	5	5	5	8	0	53	58
Drosh *	000	0	5	00	00	96	03	2	440	75	5	2	7	0	0	57	69
Cherat *	036	1	8	00	40	94	46	6	441	66	8	6	6	0	0	65	64
Kakul *	004	5	7	09	02	99	02	9	446	73	7	4	7	0	0	65	66
Landi Kotal *	000	0	4	02	02	97	03	0	436	75	4	0	9	5	0	61	71
Parachinar *	180	0	4	90	00	99	00	0	794	69	4	0	9	0	0	57	xx
Miranshah *	087	3	8	00	00	98	02	6	474	72	8	5	7	0	0	71	69
Wana *	000	0	5	23	01	98	20	2	428	76	5	1	8	0	0	65	73
Fort Sandeman *	000	0	0	00	01	96	00	0	447	81	0	0	9	0	0	73	77
Hindubagh *	000	0	0	23	05	98	00	0	429	82	0	0	9	0	0	51	70
Loralai *	000	0	0	27	02	96	00	0	436	72	0	0	9	0	0	50	68
Harnai *	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	1	18	02	97	03	0	433	71	0	0	9	0	8	59	59
Chaman *	000	0	0	11	05	97	00	0	449	81	0	0	9	0	0	75	74
Kalat *	000	0	0	16	05	98	00	0	456	73	0	0	9	0	0	32	58
Nushki *	000	0	0	13	04	97	00	0	516	83	0	0	9	0	0	55	79
Dalbandin *	000	9	0	00	00	96	02	0	433	82	0	0	9	0	0	44	75
Panjgur *	000	0	0	00	00	98	00	0	431	76	0	0	9	0	0	54	70
Kabul *																	
Kandahar *																	

Departure from Normal of / Rainfall

Station (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	- 4	- 2	76.1	+ 17.3	87.0	140
Chittagong	- 4	- 2	42.2	+ 2.9	49.7	108
Maijdee Court						115
Comilla	- 2	- 1	28.6	- 1.8	50.5	94
Brahmanbaria	—	—	26.5	+ 3.7	44.7	78
Sylhet	—	—	42.1	—	92.5	..
Srimangal	- 2	0	35.5	+ 5.4	62.2	98
Mymensingh	- 1	- 1	32.9	+ 2.5	43.6	91
Narayanganj	- 1	0	31.5	+ 8.7	47.7	74
Dacca (Tezgaon)	—	—	32.7	—	71.7	..
Faridpur	- 4	- 5	26.1	+ 3.7	38.1	71
Barisal	- 1	- 2	32.6	+ 4.5	39.7	81
Khulna	0	- 1	27.1	+ 2.9	34.9	68
Satkhira	- 1	0	18.7	- 4.5	24.5	65
Jessore	—	—	28.0	+ 6.3	32.3	65
Sirajganj	0	- 2	40.1	+ 18.5	51.0	64
Bogra	- 3	- 1	39.9	+ 18.4	47.3	89
Dinajpur	- 4	- 5	24.7	- 1.5	28.1	72
Rangpur	—	- 1	30.5	- 0.7	39.3	84
Jammu						..
Lahore (Jail Rd.)	- 18	- 5	5.2	- 0.7	13.9	19
Sialkot	- 16	- 7	7.6	- 1.4	30.8	32
Jhelum	—	—	3.4	—	14.2	..
Rawalpindi	- 3	- 2	4.5	- 4.0	20.5	34
Khushab	- 3	- 4	2.0	- 2.3	10.7	15
Lyallpur	- 7	- 5	3.4	- 0.1	9.5	12
Montgomery	- 6	- 5	0.2	- 2.6	4.8	10
Multan	- 1	- 11	0.7	- 1.2	4.1	7
Leiah						8
Khanpur	- 1	0	0	- 2.0	1.0	6
Bahawalpur	- 1	+ 2	1.0	- 0.9	2.3	6
Fort Abbas	—	—	1.3	—	4.3	8
Chakdara	—	—	1.5	—	16.3	
Peshawar	- 1	- 8	0.3	- 0.9	11.4	14
Haripur	—	—	2.5	—	16.6	..
Campbellpur	—	—	1.1	—	16.5	..
Bannu	—	—	1.5	—	8.6	11
D.I. Khan	- 4	- 11	1.9	- 0.4	7.5	10
Sibi	—	—	0.3	—	5.3	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	..
Jiwani	—	—	0	—	3.1	4
Pasni	+ 1	+ 2	0	- 0.6	6.2	6
Ormara	—	—	0	- 0.6	3.8	6
Las Bela	—	—	1.0	—	2.1	8
Karachi (Manora)	+ 2	0	0.5	- 2.7	0.9	8
Karachi (Air port)	—	—	0.7	—	1.1	..
Badin	+ 4	x	0	- 3.8	1.3	9
Nagarparker						..
Umarkot	—	—	2.8	—	2.8	
Hyderabad	- 2	- 1	0.2	- 2.5	2.0	7
Pad-i-dan	—	—	0	—	1.2	..
Nawabshah	—	—	0.1	—	0.6	..
Sukkur	—	—	0	—	2.8	4
Reti						..
Jacobabad	- 2	0	0	- 1.0	3.5	4
Veraval						20
Jalalabad						..
Muscat	- 6	x	0	- 0.1	6.9	4
Kuwait						..
HILL STATIONS						
Srinagar *						26
Gulmarg **						..
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **	—	—				..
Aliabad *						..
Gilgit *						5
Murree *	- 3	0	9.5	- 4.2	43.4	59
Drosh *	+ 2	- 4	0.8	—	22.9	18
Cherat *	0	- 7	1.6	- 2.8	22.3	29
Kakul *	—	—	5.1	—	32.7	..
Landi Kotal *	—	—	0.6	—	14.9	..
Parachinar *	x	x	5.2	—	24.3	29
Miranshah *	—	—	2.0	- 0.1	14.3	13
Wana *			1.0	—	13.1	..
Fort Sandeman *	+ 5	+ 3	1.6	- 0.6	12.1	11
Hindubagh *	—	—	0	—	12.3	..
Loralai *	—	—	1.6	—	10.5	..
Harnai *	x	x	1.5	- 1.4	13.8	14
Quetta *	—	—	0	- 0.5	9.5	9
Chaman *	- 1	- 1	0	- 0.1	10.2	8
Kalat *	- 1	- 4	0	- 0.7	8.4	7
Nushki *	—	—	0	—	8.0	..
Dalbandin *	- 1	- 1	0	- .1	4.4	4
Panjgur *	- 1	- 6	0	—	4.2	5
Kabul *						12
Kandahar *						..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs, pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

THURSDAY, THE 25th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh\,C_MC_H$	$D_s\,V_s\,a\,PP$	8 $N_s\,C\,h_sh_s$	O $T_sT_s\,T_dT_d$	$I_dw\,d_w\,P_wH$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Karanja	43 213	623 00	8 22 18	98 02 2	017 79	15 3 2x	1 5 507	..	0 52 75	1 22 53
Jehangir	43 199	627 06	8 23 25	97 05 2	037 81	32 6 xx	6 2 210	..	0 01 73	1 23 37
Karanja	43 225	638 06	8 22 16	98 02 2	044 81	85 5 xx	1 5 208	..	0 01 70	1 22 43
Karanja	43 231	644 12	6 23 15	98 01 2	022 86	44 5 61	1 5 707	..	0 04 77	1 22 72
Jehangir	43 188	614 18	3 23 21	98 05 1	030 79	31 6 00	6 2 220	..	0 03 73	1 23 36
Karanja	43 240	657 18	3 23 13	98 02 0	034 82	00 9 20	1 4 219	..	0 51 75	1 23 72

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	999 282 275	..	..	410 220 220	..	153 185 142	454 085 025	935 005 608	703 562 999	894 695	818 862	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	825 192 082	..	..	..	..	115 192 032	418 088 518	877 520 999	648 565 999	983 722	269 910	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 238 238	852 215 208	810 242 228	800 235 228	350 628 999	250 765 999	170 955 999	..	..	170 955 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 202 068	770 228 045	518 000 999	481 520 999	451 555 999	427 578 999	350 642 999	314 708 999	250 812 999	250 812 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	13 16	13 20	13 17	..	..	..	..	..	..
Chaklala ..				..	..	..	..	..	..
Chhor ..	22 21	22 22	22 15	20 11					
Chittagong ..	18 16	18 18	20 21	20 4	21 21	..			
Cox's Bazar ..	18 17	18 15	19 13	23 14	24 13	19 10	12 13	09 06	08 09
Dacca ..	..	..							
Dalbandin ..	..	..	27 02	29 05	01 08	36 15	03 15	02 21	01 23
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	25 11	24 12	22 17	25 04	..	..
Fort Sandeman ..	..	..							
Jacobabad ..	14 10	16 13	19 10	02 02	33 02	34 10	32 19	35 21	36 14
Jessore ..	..	..	..	..	..	..	..	..	..
Jhelum ..	13 07	12 13	09 12	07 07	06 10	..	..	..	..
Jiwani ..	17 12	17 10	14 06	..	..	..	..	..	..
Karachi ..	25 21	25 26	25 27						
Khanpur ..	22 07	21 08	21 10	23 10	30 07	35 13	34 13	34 10	01 12
Lahore ..	05 10	05 19	05 18	06 13	06 13	..	..	..	..
Multan ..	18 05	17 06	17 06	16 06	18 06	23 04	..	..	..
Muscat ..	..	..		..	..	..	..	..	..
Panjgur ..	..	..							
Peshawar ..	..	13 06	19 05	20 03	21 09	23 08	27 12	28 15	..
Quetta ..	..	..		..	31 08	27 09	25 16	34 24	31 15
Sharjah ..									
Sylhet ..	05 05	12 05	17 12	18 14	17 11	20 16	12 10	11 10	10 05
Yarsval ..									

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	18 17	19 17	20 17	..	..	..
Chaklala ..						
Chhor ..	22 19	23 31	24 27	23 13	21 09	..
Chittagong ..	17 15	17 14	19 15	21 17	..	..
Cox's Bazar ..	16 07	19 12	22 13	22 15	..	..
Dacca ..	19 17	20 17	21 17	19 18	19 15	19 18
Dalbandin ..	..	..	02 07	04 11	04 05	03 04
D. I. Khan ..	..		..			
Drosh ..	..	..		..	13 01	19 03
Fort Sandeman ..				02 07	26 04	30 19
Jacobabad ..	16 16	19 13	19 07	33 01	26 07	
Jessore ..						
Jhelum ..	15 06	12 11	10 13	12 08	27 08	31 13
Jiwani ..	18 04	13 06	14 06	06 07	06 11	
Karachi ..	27 18	27 21				
Khanpur ..	22 20	22 21	22 11	25 07	18 02	33 07
Lahore ..	02 04	31 02	29 03	30 15	..	
Multan ..	16 06	19 10	21 11	21 13	22 12	22 12
Muscat ..	..	..	..		..	
Panjgur ..	..	..	..		..	..
Peshawar ..	..	..	..	..	..	
Quetta ..	..	..	..		22 05	29 16
Sharjah ..						
Sylhet ..	19 12	20 18	21 19	22 16	21 16	..
Yarsval ..					..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	15 11	..	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..		..			..	..	..	..	..	..	..
Chittagong ..	14 06	..	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	14 07	14 07	17 07	24 09			..	..	..	..	..
Dacca ..	18 11	19 10	19 15	21 12							
Dalbandin ..	..	..	07 14	06 01	05 03	25 11	34 10	32 15	32 19	..	..
D. I. Khan ..				..							
Drosh ..	..	..	..		24 10	22 12	22 12	21 08	19 08	17 09	28 13
Fort Sandeman ..				31 01	11 02	29 13	28 19	27 23	27 27	27 23	24 28
Jacobabad ..	17 05	15 06	13 06	03 07	32 07	02 08	36 14	12 03	16 02	17 05	18 08
Jessore ..											
Jhelum ..	15 01	15 03	15 04	12 02	27 03	29 09	32 13	..	..	..	..
Jiwani ..	17 09	16 08									
Karachi ..	26 25	26 17	27 14	..							
Khanpur ..	22 05	19 06	17 06	16 05	11 04	01 07	35 13	28 04	19 07	15 08	17 10
Lahore ..	08 06	07 05	04 03	33 03	31 08	33 11	34 10	27 06	26 05	22 10	19 14
Multan ..	05 03	10 03	12 03	18 03	21 17	21 14	33 12				
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..		..							
Quetta ..	..	..		..	30 08	29 13	29 19	30 21	29 07	25 14	21 19
Sharjah ..											
Sylhet ..	19 06	23 06	24 07	24 10	24 14	..	..	..	..	..	..
Yarsval ..	..	..	..	..	..	..	..	..	..	..	..

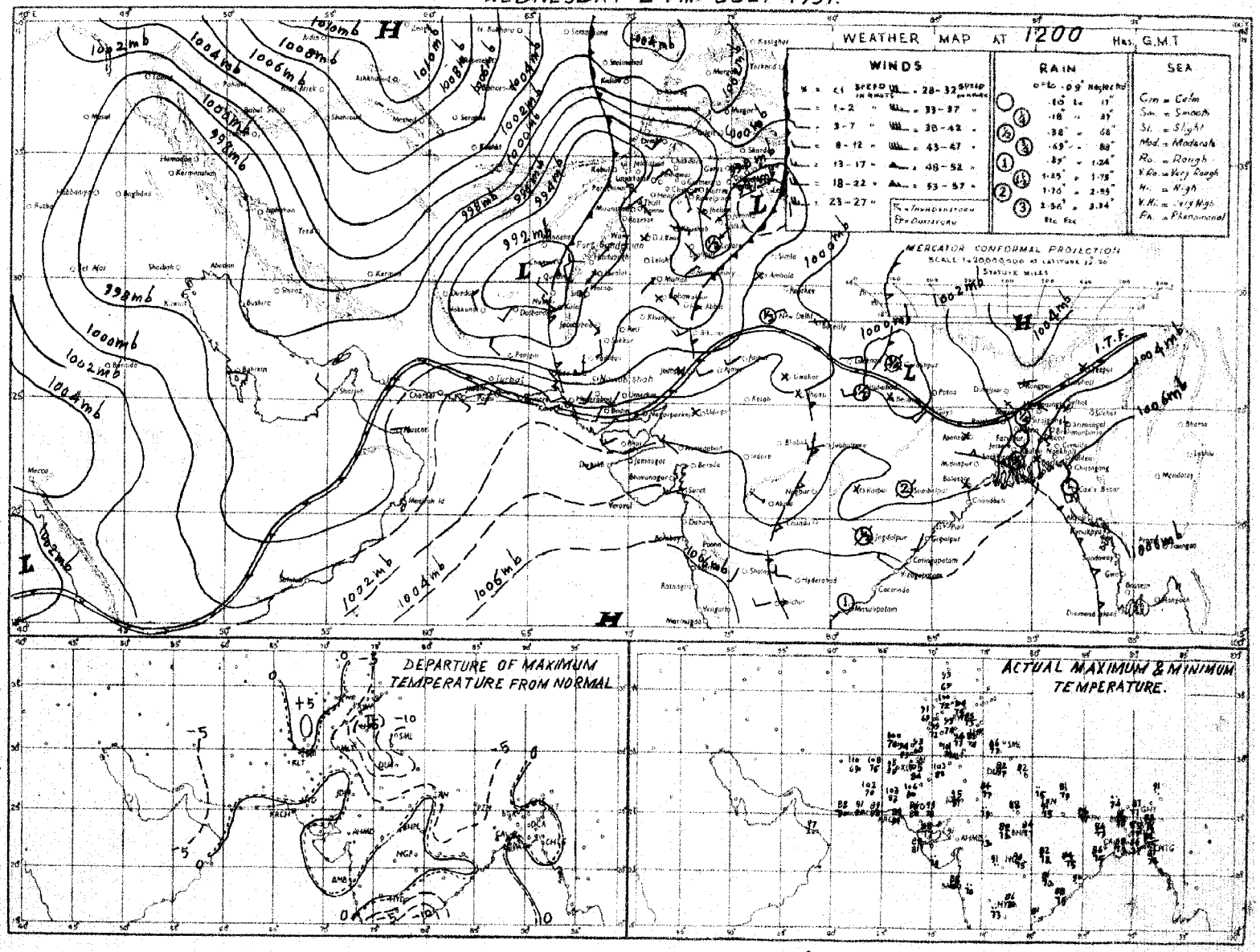
† The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	24 17	31 12	27 10	27 11	30 14	35 14	05 20	05 28	06 23	04 15	06 19							
Peshawar ..																		

PAKISTAN DAILY WEATHER MAP

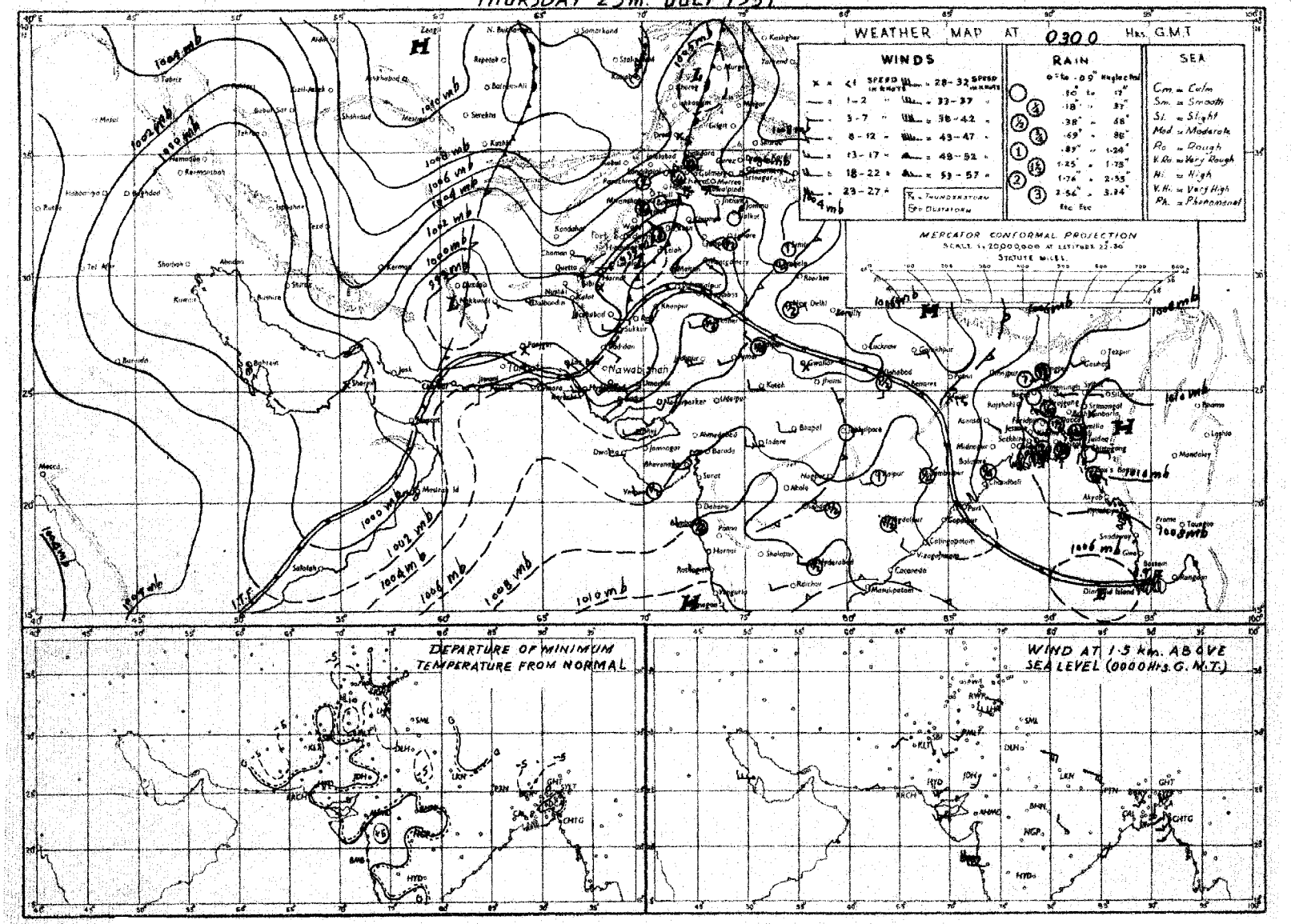
WEDNESDAY 24th: JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 25th: JULY 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

FRIDAY, THE 26th JULY, 1957

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

A western disturbance is moving across Kashmir and adjoining West Pakistan and has induced a low over north Rajasthan and adjoining Lahore division. It has caused fairly widespread thunderstorm/showers in Peshawar division and scatterd in Rawalpindi and Quetta divisions.

Yesterday's low pressure area over northeast Bay now lies over West Central Bay.

Rain/thundershowers have been local in East Pakistan.

Chief amounts of rainfall are:—Khushab 2"; Dinajpur and Cherat 1½" each; Srimangal, Bogra and Campbellpur ¾" each; Chakdara and Peshawar ½" each and Sylhet ¼".

Day temperatures were 5-10°F below normal in Peshawar, D. I. Khan, Rawalpindi, Lahore and adjoining Multan divisions.

Forecast valid until the evening of 27th:—Fairly widespread rain will fall in East Pakistan and fairly widespread thunderstorm/showers in Rawalpindi and Lahore divisions, local in Peshawar division and scattered in D. I. Khan, Multan, Bahawalpur and Quetta divisions. Scattered rain/drizzle is also likely along coastal Kalat division and dust/thunderstorms in Hyderabad and Khairpur divisions.

Karachi-11.
The 26th July, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director. Meteorological Service.

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Maximum temperature °F.
		RRR	Wx	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	3	20	03	96	01	0	080	83	1	3	8	0	4	79	87
	Chittagong	000	0	4	20	09	96	02	2	070	83	2	4	7	2	0	75	87
	Maijdee Court	000	9	0	13	02	97	00	0	072	86	0	0	9	0	0	74	86
	Comilla	000	0	3	18	09	99	03	0	064	86	3	4	5	0	0	77	89
	Brahmanbaria	000	0	4	23	05	97	02	2	066	85	4	4	3	0	0	78	88
	Sylhet	000	5	5	00	00	96	01	6	060	86	4	4	6	2	0	77	88
	Srimangal	006	6	3	00	00	97	17	6	066	82	2	2	6	0	1	79	90
Dacca	Mymensingh	000	0	6	00	00	98	02	2	064	87	6	2	5	0	0	77	90
	Narayanganj	000	0	4	16	03	96	01	2	063	87	1	7	6	7	0	77	89
	Dacca (Tezgaon)	000	9	4	18	03	97	01	1	060	85	1	2	6	3	0	76	88
	Faridpur	000	8	6	16	05	96	02	2	055	86	4	4	7	1	0	77	89
	Barisal	000	0	5	13	02	96	02	2	065	85	6	7	9	0	0	76	88
Rajshahi	Khulna	100	0	8	18	03	97	03	2	062	84	8	5	6	×	×	79	91
	Satkhira	000	0	8	18	04	97	03	2	060	85	6	6	7	5	0	77	91
	Jessore	000	0	8	09	05	96	03	2	061	88	8	8	6	×	×	81	91
	Sirajganj	000	0	2	18	02	96	00	0	051	85	2	1	6	0	0	79	88
	Bogra	000	0	4	00	00	96	01	1	051	86	4	1	6	0	0	78	89
	Dinajpur	000	2	3	00	00	96	02	2	056	87	3	0	9	4	0	79	89
	Rangpur	000	0	6	18	02	96	01	1	×××	87	5	5	6	0	0	79	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	7	13	07	97	03	2	025	89	4	2	6	2	9	76	91
	Sialkot	000	9	6	13	07	98	03	2	034	85	4	5	6	2	0	76	86
Rawalpindi	Jhelum	000	9	5	13	09	98	03	1	025	89	2	1	7	0	6	71	93
	Rawalpindi	000	0	5	00	00	99	03	2	015	91	5	7	7	0	0	57	93
	Khushab	000	0	7	09	10	99	03	1	005	96	4	9	6	7	0	71	97
Multan	Lyallpur	000	0	6	13	02	96	02	0	017	93	6	3	8	0	0	76	96
	Montgomery	000	0	8	13	05	96	03	2	009	98	8	0	9	2	×	78	95
	Multan	000	0	4	13	02	96	01	1	999	99	1	1	9	1	1	77	03
Bahawalpur	Leiah																	
	Khanpur	000	0	6	23	05	96	02	2	983	04	0	0	9	0	6	71	05
	Bahawalpur	000	0	6	00	00	97	02	0	997	00	0	0	9	0	3	74	01
	Fort Abbas																	
Peshawar	Chakdara	000	0	2	××	××	98	01	2	972	88	2	2	7	0	0	71	90
	Peshawar	000	0	5	05	03	98	02	2	002	90	3	9	6	3	0	72	91
	Haripur	000	9	5	09	02	97	03	0	989	92	5	1	6	0	0	72	93
	Campbellpur	000	0	4	13	05	98	03	1	019	92	4	5	6	0	0	75	92
D.I. Khan	Bannu	000	9	4	13	02	99	03	1	009	90	0	0	9	0	3	74	90
	D.I. Khan	000	0	3	00	00	98	03	0	020	95	0	0	9	0	3	75	95
Quetta	Sibi	000	0	0	23	01	99	00	0	972	05	0	0	9	0	0	70	06
Kalat	Nokkundi	000	0	0	34	05	98	02	0	959	04	0	0	9	0	0	30	06
	Turbat	000	0	0	00	00	97	00	0	996	07	0	0	9	0	0	80	08
	Jiwani	000	0	2	18	07	97	01	0	014	86	2	5	5	0	0	78	89
	Pasni	000	0	0	23	14	96	00	0	030	87	0	0	9	0	0	72	90
	Ormara	000	0	0	××	××	98	00	0	030	88	0	0	9	0	0	83	91
	Las Bela	000	0	0	13	06	98	00	0	955	99	0	0	9	0	0	84	04
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	4	7	20	12	97	20	5	015	89	2	7	5	7	0	85	90
	Karachi (Air port)	000	0	8	25	10	97	02	2	017	86	8	6	5	×	0	80	90
	Badin	000	0	0	23	02	97	02	0	022	92	0	0	9	0	0	71	95
	Nagarparkar																	
	Umarkot	000	0	0	23	03	97	00	0	999	98	0	0	9	0	0	79	99
	Hyderabad	000	0	1	23	10	95	07	0	003	93	1	5	6	0	0	72	97
Khairpur	Pad-i-dan	000	0	0	13	03	98	00	0	977	05	0	0	9	0	0	65	06
	Nawabshah																	
	Sukkur	000	6	0	25	03	96	00	0	974	02	0	0	9	0	0	76	03
	Rohri																	
	Jacobabad	000	0	2	14	07	97	03	0	984	03	2	0	9	3	0	71	03
Junagarh Kathiawar	Veraval																	
	Jafalabad																	
Aden Protectorate	Muscat	000	0	8	09	05	98	01	2	001	83	8	0	9	2	×	77	85
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Miagar **	000	0	3	00	00	98	01	1	030	65	3	1	7	0	0	42	69
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	6	29	03	98	02	1	461	69	3	3	4	8	0	62	69
D.I. Khan	Drosh *	000	0	6	00	00	96	03	1	423	91	6	2	7	0	0	49	94
	Cherat *	000	4	3	18	05	98	03	1	454	80	1	2	6	2	0	68	81
	Kakul *	000	7	4	16	05	99	01	2	463	84	4	2	6	2	0	46	85
	Landi Kotal *	000	0	4	02	03	97	03	1	444	82	4	0	9	3	0	67	85
	Parachinar *	000	0	8	13	02	99	02	2	797	70	8	4	8	×	0	66	××
	Miranshah *	000	0	6	05	02	98	02	2	495	83	6	0	9	6	0	80	84
	Wana *																	
Quetta	Fort Sandeman *	014	2	6	13	05	96	03	9	438	00	6	7	6	0	0	65	00
	Hindubagh *	000	0	0	23	09	98	00	0	410	92	0	0	9	0	0	48	94
	Loralai *	000	0	5	16	05	98	02	1	439	83	5	0	9	5	0	63	91
	Harnai *	000	0	0	18	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	27	09	97	02	0	445	92	1	1	7	0	0	57	95
Kalat	Chaman *	000	0	0	29	09	97	05	3	442	98	0	0	9	0	0	83	99
	Kalat *	000	0	0	34	07	98	00	0	436	86	0	0	9	0	0	40	89
	Nushki *	000	0	0	34	08	96	00	0	525	04	0	0	9	0	0	55	05
	Dalbandin *	000	6	0	13	05	95	02	0	441	06	0	0	9	0	0	66	07
Afghanistan	Panjgur *	000	0	0	31	03	98	00	0	447	01	0	0	9	0	0	37	01
	Kabul *																	
	Kandahar *																	

DIVISIONS.	STATION	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature °F.	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum temperature °F.	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
		RRR	Wx	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	4	16	02	96	03	0	109	87	3	5	7	0	4	77	77	− 2	+ 1	76.1	+ 15.9	87.0	140
	Chittagong	000	0	8	05	03	98	04	2	099	85	2	4	7	0	0	76	78	− 1	+ 1	42.2	+ 1.9	49.7	108
	Maijdee Court	000	6	5	13	02	96	03	0	101	84	2	1	6	2	×	77	71	0	− 7	29.3	− 9.7	39.2	115
	Comilla	000	0	6	18	05	99	03	0	×××	84	6	5	5	0	0	78	78	+ 2	+ 1	28.6	− 2.4	50.5	94
	Brahmanbaria	000	0	5	23	03	97	03	2	098	84	5	4	3	0	0	78	80	—	—	26.5	+ 2.3	44.2	78
	Sylhet	023	3	6	18	05	96	01	9	090	82	5	7	4	3	0	77	78	—	—	42.3	..	92.7	..
	Srimangal	086	9	8	00	00	97	02	9	099	84	8	8	6	×	×	78	76	− 1	0	36.3	+ 5.8	63.1	98
Dacca	Mymensingh	010	0	6	27	02	98	02	1	098	84	6	4	5	0	0	78	79	+ 2	+ 1	33.0	+ 2.0	43.7	91
	Narayanganj	030	9	6	20	03	95	03	2	102	85	6	4	6	0	0	76	80	+ 1	+ 1	31.5	+ 8.2	47.7	74
	Dacca (Tezgaon)	000	9	6	18	05	98	03	6	096	83	6	8	4	0	0	77	79	—	—	32.7	—	71.7	..
	Faridpur	011	9	4	18	02	96	03	0	089	85	4	5	7	0	0	76	76	+ 1	− 3	26.3	+ 3.3	38.2	71
	Barisal	000	0	5	00	00	96	02	2	097	85	8	0	9	4	0	78	79	+ 1	+ 1	32.6	+ 4.0	39.7	81
Rajshahi	Khulna	000	0	7	23	03	97	13	2	097	86	7	4	7	0	0	79	77	+ 3	− 1	27.1	+ 2.4	34.9	68
	Satkhira	000	0	3	13	02	99	03	1	094	86	4	6	9	9	0	78	79	+ 3	+ 1	18.7	− 4.9	24.5	65
	Jessore	003	9	5	23	07	97	01	0	093	84	3	8	6	6	0	78	78	—	—	28.1	+ 5.9	32.4	65
	Sirajganj	000	0	4	23	02	97	00	0	087	84	4	1	5	0	0	78	79	0	0	40.1	+ 18.2	51.0	64
	Bogra	083	8	4	27	02	97	02	6	075	82	4	4	6	0	0	78	77	0	− 2	40.7	+ 17.6	48.2	69
	Dinajpur	146	2	4	00	00	96	02	2	058	84	0	0	9	2	0	76	72	− 1	− 7	26.2	− 0.4	29.6	72
	Rangpur	012	0	6	18	05	96	01	2	×××	81	6	5	6	0	0	78	78	—	0	30.6	− 1.0	39.4	84
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.)	000	9	6	00	00	96	03	2	063	80	2	7	4	7	0	76	78	− 8	− 1	5.2	− 0.9	13.9	19
	Sialkot	000	8	8	05	03	98	04	2	062	85	6	5	7	4	×	70	73	− 11	− 6	7.6	− 1.7	30.8	32
Rawalpindi	Jhelum	000	9	8	18	02	97	50	1	069	82	4	7	6	2	×	74	78	—	—	3.4	—	14.2	..
	Rawalpindi	000	0	4	00	00	99	01	1	004	89	4	6	9	3	0	67	76	− 4	− 1	4.5	− 4.3	20.5	38
	Khushab	205	3	7	07	06	99	01	9	065	80	7	9	6	0	0	78	70	− 5	− 12	4.0	− 0.5	12.8	15
Multan	Lyallpur	000	0	7	07	02	96	02	0	062	84	7	3	8	0	0	78	80	− 5	− 2	3.4	− 0.2	9.5	12
	Montgomery	××	5	7	05	02	96	03	5	037	82	7	0	9	2	0	79	79	− 8	− 4	0.2	− 2.7	4.0	10
	Multan	000	0	1	23	02	96	01	1	057	85	0	0	9	0	1	78	75	− 3	− 10	0.7	− 0.3	4.1	7
Bahawalpur	Leiah																							8
	Khanpur	000	0	6	36	03	96	00	0	046	87	0	0	9	0	0	73	82	+ 1	− 1	0	− 2.1	1.0	6
	Bahawalpur	000	0	0	00	00	97	00	0	039	87	0	0	9	0	0	78	83	0	0	1.0	− 1.0	2.3	6
	Fort Abbas	000	0	4	13	02	97	07	9	032	90	4	1	6	0	0	74	75		—	1.3	—	4.3	8
Peshawar	Chakdara	045	2	7	18	××	97	01	6	053	72	0	×	8	6	×	67	51	—	—	1.9	—	16.7	..
	Peshawar	068	3	6	13	03	98	01	9	073	74	3	5	7	4	0	69	68	− 10	− 12	1.0	− 0.3	12.1	14
	Haripur	009	9	8	05	02	96	02	9	070	75	8	0	6	2	0	69	75	—	—	2.5	—	16.6	..
	Campbellpur	088	4	8	23	02	96	66	6	092	70	8	6	6	0	0	70	68	—	—	2.0	—	17.4	..
D.I. Khan	Bannu	059	81	0	0	9	0	0	0	059	81	0	0	9	0	0	70	72	0	—	1.5	—	8.6	11
	D.I. Khan	052	80	0	0	9	4	0	0	052	80	0	0	9	4	0	73	75	− 8	—	1.9	− 0.5	7.5	10
Quetta	Sibi	000	0	0	00	00	99	00	0	049	92	0	0	9	0	0	73	91	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	07	02	99	02	0	019	88	0	0	9	0	0	28	82	—	—	0	—	1.9	2
	Turbat	000	0	7	18	02	98	03	2	016	91	0	0	9	0	0	83	88	—	—	2.5	—	5.9	..
	Jiwani	000	3	8	13	03	96	02	5	054	83	8	6	5	0	0	73	81	—	—	0	—	3.1	4
	Pasni	000	0	6	27	00	95	00	0	083	83	6	5	7	0	0	75	80	0	+ 2	0	− 0.6	6.2	6
	Ormara	000	0	4	00	00	98	01	1	074	81	4	4	6	0	0	80	80	—	—	0	− 0.7	3.8	6
	Las Bela	000	0	0	00	00	98	10	2	069	86	0	0	9	0	0	××	82	—	—	1.0	—	2.1	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	25	05	95	03	2	050	84	2	6	4	7	0	84	80	+ 2	0	0.5	− 2.9	0.9	8
	Karachi (Air port)	000	0	7	27	05	96	03	2	051	83	7	0	9	5	0	79	80	—	—	0.7	—	1.1	..
	Badin	000	3	4	02	03	96	20	3	066	82	0	0	9	0	0	73	××	+ 2	—	0	− 3.9	1.3	9
	Nagarparkar																							..
	Umarkot	000	0	0	23	01	97	00	0	028	85	0	0	9	0	0	76	79	—	—	2.8	—	2.8	..
	Hyderabad	000	0	5	20	09	97	03	0	047	82	3	5	6	0	5	73	79	− 1	− 1	0.2	− 2.6	2.0	7
Khairpur	Pad-i-dan	000	0	3	13	05	98	03	0	042	85	0	0	9	0	1	73	80	—	—	0	—	1.2	..
	Nawabshah																							..
	Sukkur	000	9	1	07	02	96	01	0	044	87	0	0	9	0	4	73	82	—	—	0	—	2.8	4
	Rohri																							..
	Jacobabad	000	0	0	14	07	96	02	0	046	90	0	0	9	0	0	74	84	− 4	0	0	− 1.1	3.5	4
Junagarh Kathiawar	Veraval																							20
	Jafalabad																							..
Aden Protectorate	Muscat	000	0	0	09	05	99	00	0	036	83	8	0	9	0	0	77	82	− 8	− 4	0	− 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							26
Kashmir	Srinagar *																							..
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							5
	Skardu *																							..
	Miagar **	000	0	0	09	05	99	00	0	036	83	8	0	9	0	0	77	82	− 8	− 4	0	− 0.1	6.9	4
	Aliabad *																							..
	Gilgit *																							..
Rawalpindi	Murree *	476	67	2	5	5	8	0	34	59	− 4	—	9.5	− 4.6	43.4	59
D.I. Khan	Drosh *	497	71	4	2	7	0	0	60	64	− 3	− 9	0.9	—	23.0	18
	Cherat *	484	64	8	5	6	0	0	59	61	− 8	− 10	3.2	− 1.2	23.9	25
	Kakul *	474	74	5	9	5	6	×	67	69	—	—	5.1	—	33.7	..
	Landi Kotal *	489	75	4	0	9	5	0	63	67	—	—	0.7	—	15.0	..
	Parachinar *	794	69	0	0	9	0	0	57	××	×	×	5.2	—	24.3	29
	Miranshah *	514	76	0	0	9	0	0	70	67	—	—	2.0	—	14.3	13
	Wana *	467	78	4	2	8	0	0	××	71			1.0	—	13.1	..
Quetta	Fort Sandeman *	547	80	0	0	9	0	0	76	74	+ 3	+ 8	1.7	− 0.6	12.3	11
	Hindubagh *	481	74	0	0	9	0	0	44	64	—	—	0	—	12.3	..
	Loralai *	466	76	0	0	9	3	0	62	67	—	—	1.6	—	10.5	..
	Harnai *	×××	××	0	0	9	0	0	××	××	×	×	1.5	− 1.5	13.8	14
	Quetta *	463	74	0	1	8	0	0	65	69	—	—	0	− 0.5	9.5	9
Kalat	Chaman *	483	84	0	0	9	0	0	79	72	− 2	− 3	0	− 0.1	10.2	8
	Kalat *	480	73	0	0	9	0	0	59	××	− 2	×	0	− 0.7	8.4	7
	Nushki *	524	80	0	0	9	0	0	43	××	—	—	0	—	8.0	..
	Dalbandin *	469	87	3	0	9	4	0	48	77	− 2	− 1	0	− 0.1	4.4	4
Afghanistan	Panjgur *	467	76	0	0	9	0	0	56	74	− 2	− 3	0	—	4.2	5
	Kabul *															12
	Kandahar *															..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day (Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

FRIDAY, THE 26th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$I_d w_d w_d P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kohomaru	53 213	616 06	8 19 16	97 03 2	042 81	84 4 ××	3 5 ×××	..	0 06 81	..
Kohomera	53 225	630 12	3 20 18	97 02 1	095 82	14 4 50	3 5 ×××	..	0 06 82	..
Dara	53 249	659 18	0 22 05	99 02 0	056 82	00 9 00	6 5 230	..	0 03·79	..
Daresee	53 240	597 18	4 13 13	97 03 0	038 82	4× × ××	2 5 21	..	0 57 73	1 13 43

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	001 275 272	035 275 268	..	420 235 228	..	171 208 148	486 128 045	994 048 548	782 532 662	015 635	008 770	..	751 932
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	823 212 172	..	..	..	..	143 152 999	426 065 999	890 540 999	633 608 999	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached	TROPOPAUSE	
											PPP TTT TdTdTd	St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 262 252	825 222 212	800 225 192	790 232 192	685 192 132	350 568 999	250 700 999	150 895 999	055 945 999	055 945 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 232 138	780 248 165	537 005 902	480 558 999	..	..	..	..	..	480 558 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd ; Dry Bulb ; Dew Point temperatures (in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	18 08	18 12	18 13	22 11	22 14	..	..	..	..
Chaldab ..	..	..	..	..	..	..	..	..	..
Chhor ..	22 12	22 13	22 13	20 11	16 07				
Chittagong ..	24 05	24 09	21 07	23 05	27 06	24 05	09 08	09 09	11 09
Cox's Bazar ..	24 08	21 06	22 04	29 02	29 07	29 05	08 08	12 16	14 18
Dacca ..	18 10	20 10	20 09	22 09	23 06	22 09	14 03	18 08	12 11
Dalbandin ..	..	..	16 05	13 07	06 04	03 11	33 13	29 15	29 20
D. I. Khan ..	..	..	..						
Drosh ..	..	..	..	24 10	24 08	18 09	24 15	..	..
Fort Sandeman ..				11 09	11 09	10 03			
Jacobabad ..	16 15	15 17	15 15	12 13	11 08	36 14	35 26	33 13	33 12
Jessore ..									
Jhelum ..	11 06	11 07	10 06	11 04	07 02	33 04	29 08	27 13	24 18
Jiwani ..	18 06	14 03	07 02	03 08	05 08	05 12	06 12	..	..
Karachi ..	24 23	23 21	24 10						
Khanpur ..	20 09	17 10	17 11	16 09	16 10	17 05	34 13	33 06	30 07
Lahore ..	11 11	13 10	12 12	13 09	33 04				
Multan ..	18 03	18 07	19 06	17 08	19 05	21 08	37 14	33 13	..
Muscat ..					..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..						
Quetta ..	..			..	38 12	28 13	28 21	28 21	28 26
Sharjah ..									
Sylhet ..	01 01	27 01	23 04	23 08	23 13	..	..	..	..
Veraval ..									

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	22 17	23 23	23 25	..	..	..
Chaldab ..	..	..	..	..	..	..
Chhor ..	24 10	25 16	21 19	16 14	10 17	07 13
Chittagong ..	19 05	22 06	26 07	27 09		
Cox's Bazar ..	30 04	25 07	28 08	33 05	33 03	33 03
Dacca ..	22 13	23 16	24 16	22 12	22 11	23 11
Dalbandin ..	..	..	09 09	08 09	03 11	35 06
D. I. Khan ..	..		..			
Drosh ..	..		..		22 04	29 03
Fort Sandeman ..				22 02	19 13	21 14
Jacobabad ..	20 10	19 17	13 10	09 06	11 02	06 07
Jessore ..						
Jhelum ..	18 03	10 08	10 11	10 17	13 09	07 07
Jiwani ..	16 07	15 07	14 07	..	..	
Karachi ..	26 15	27 12	27 11	..		
Khanpur ..	26 01	21 05	28 13	26 04	01 07	04 03
Lahore ..	11 08	13 06	17 04	30 02	32 05	35 04
Multan ..	01 12	01 10	01 13	02 14	35 17	34 20
Muscat ..	..	..	..			
Panjgur ..	..					
Peshawar ..	..	21 04	10 04	04 23	02 19	33 21
Quetta ..	..	..	..	..	13 03	19 09
Sharjah ..						
Sylhet ..	23 13	..	..	..	..	..
Veraval ..		..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	24 06	24 14	24 17	..	..	..	..	..	..	..	..
Chaldab ..	..		..	..	..		..	..	..	..	..
Chhor ..	..				..	..	—	..	..	..	..
Chittagong ..	24 07	24 06	27 06	28 07	27 09	..	—	..	..	..	..
Cox's Bazar ..	26 04	26 03	27 05	32 05							
Dacca ..	23 11	23 13	23 12	23 09	26 15	26 12	22 06	22 05	26 01	19 02	09 16
Dalbandin ..	..	..	08 06	08 06	12 02	26 07	29 14	28 21	31 21	28 04	..
D. I. Khan ..	..	..	..	..							
Drosh ..	..	..	..	..	24 03	21 01	22 05	20 08	19 12	..	..
Fort Sandeman ..				31 02	25 05	20 04	29 08	30 11	24 10	19 12	22 17
Jacobabad ..	13 04	15 04	16 06	14 03	09 04	01 12	01 17	29 03	10 08	11 06	11 12
Jessore ..											
Jhelum ..	10 06	11 09	10 07	09 07	09 09	02 03	30 06	22 08	24 12	..	..
Jiwani ..	..	..	..	..	..	..	..	..	..	..	..
Karachi ..	25 07	26 08									
Khanpur ..	35 08	33 04	35 06	34 06	34 04	34 07	01 06	..	..	..	..
Lahore ..	07 06	09 06									
Multan ..	02 07	02 09	05 10	03 12	01 12	02 12	31 13	21 03	14 04	15 04	12 08
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..							
Quetta ..	..	..	..	..	22 05	23 04	28 20	29 20	34 10	25 12	19 05
Sharjah ..											
Sylhet ..	25 14	26 15	26 14	25 15	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..	21 09	22 06	25 03	36 04	08 06	16 11	14 11	14 23	15 13	06 17	06 10	07 17	10 18	11 27	1 40	11 39	11 40	09 39
Karachi ..	25 08	27 10	27 12	06 09	07 15	06 19	04 17	04 31	02 23									
Peshawar ..																		
Quetta ..																		

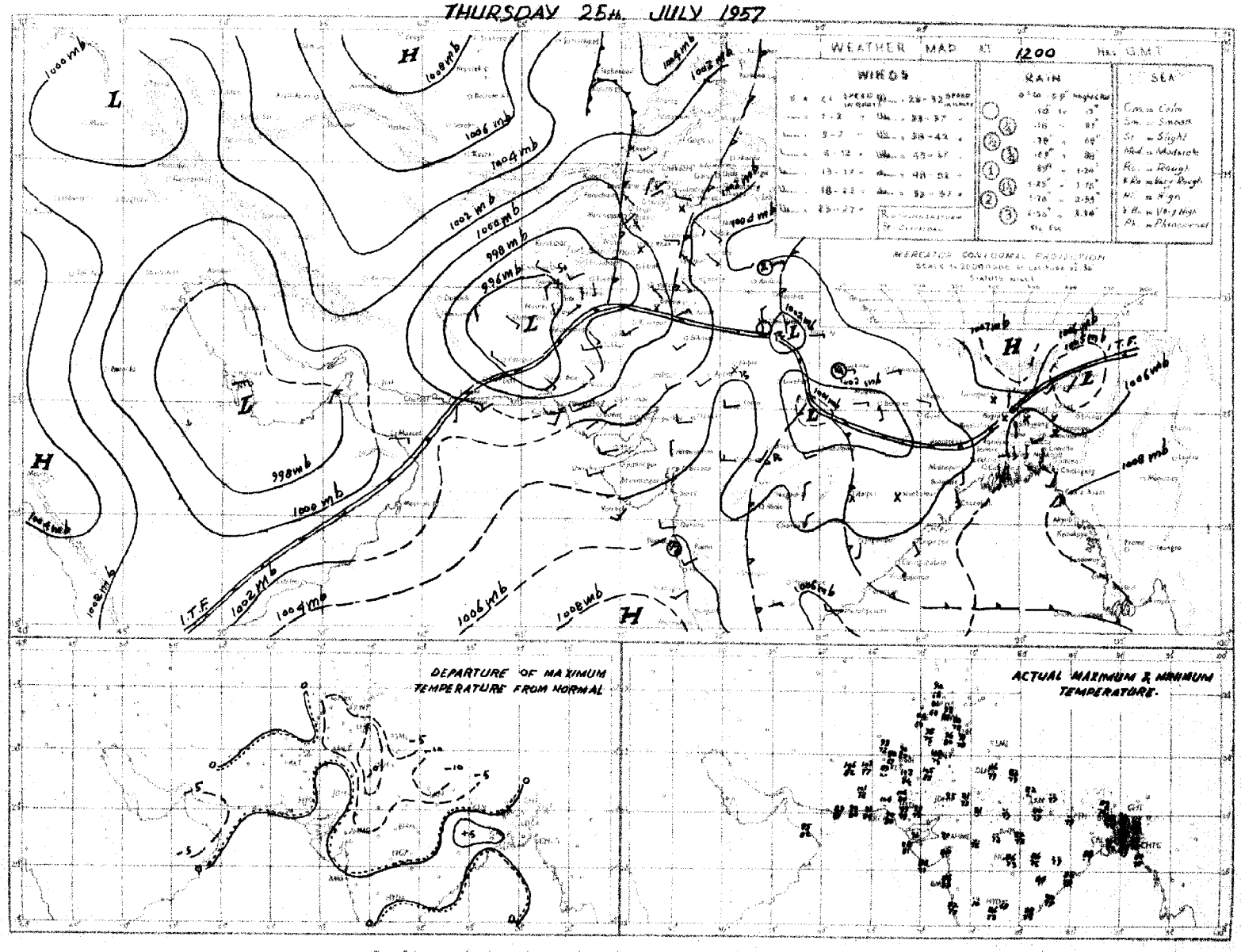
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_Ev_T$ etc)

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.

PAKISTAN DAILY WEATHER MAP

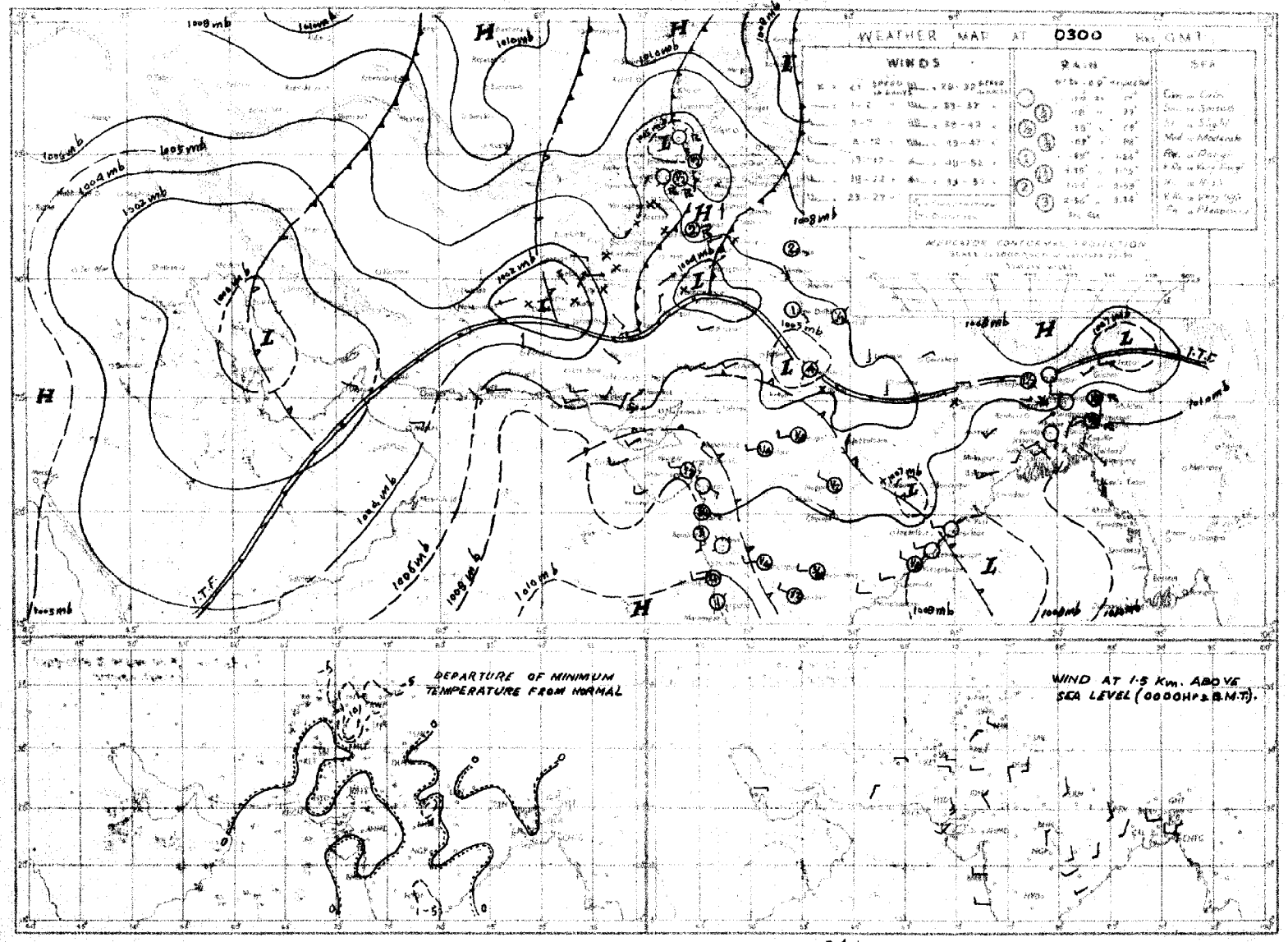
THURSDAY 25th. JULY 1957



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 26th. JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No S 1467

SATURDAY, THE 27th JULY, 1957

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

Yesterday's western disturbance over Kashmir and adjoining West Pakistan moved away eastwards. The low over north Rajasthan is now moving away across Punjab (India).

They have caused local rain in Lahore division and scattered in Rawalpindi, Peshawar, Quetta, south Kalat and Khairpur divisions.

The low pressure area over west central Bay of Bengal has become unimportant.

Chief amounts of rainfall are:—Murree 1"; Lasbela ½"; and Lahore ½".

Day temperatures were 6-10°F below normal in Peshawar, Rawalpindi and Lahore divisions and 3-5°F so in north Kalat and Khairpur divisions and were 2-5°F above normal in East Pakistan, Hyderabad division and the Federal Capital Area.

Forecast valid until the evening of 28th:—Local rainfall will occur in Chittagong and Dacca divisions and scattered thunderstorms/showers in Peshawar, Rawalpindi, Lahore and Quetta divisions and Kashmir. A few dust or thunderstorms are likely in Bahawalpur, Khairpur and Hyderabad division.

Karachi-11.
The 27th July, 1957.

ABDUL MAJID KHAN.
for Director Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	4	25	02	96	02	0	073	85	2	5	7	0	9	82	88
	Chittagong	030	0	4	23	09	96	01	1	064	84	1	1	7	1	2	77	88
	Maijdee Court	000	9	4	00	00	97	03	1	069	84	0	0	9	2	0	77	88
	Comilla	000	0	5	00	00	99	03	0	054	88	5	4	5	0	0	77	90
	Brahmanbaria	000	0	3	23	02	97	01	2	050	87	1	7	5	0	2	79	89
	Sylhet	000	0	4	27	05	96	01	2	045	86	2	4	6	7	0	77	88
	Srimangal	000	0	2	00	00	97	01	1	051	87	1	1	7	0	1	75	90
Dacca	Mymensingh	000	0	2	27	02	98	02	1	048	98	0	0	9	0	4	76	91
	Narayanganj	000	9	4	18	02	95	03	1	054	89	2	4	6	0	1	76	90
	Dacca (Tezgaon)	0[illegible]0	9	5	27	03	98	03	1	046	87	1	1	6	0	2	77	90
	Faridpur	000	8	3	18	02	96	01	1	048	89	2	4	8	1	0	78	91
	Barisal	000	4	6	27	02	96	03	5	054	86	7	6	9	4	0	77	90
Rajshahi	Khulna	000	0	0	23	03	97	00	0	051	88	0	0	9	0	0	76	93
	Satkhira	000	0	2	18	03	99	01	0	053	88	0	0	9	9	0	75	92
	Jessore	000	0	2	18	05	97	01	2	049	89	2	4	6	0	0	79	91
	Sirajganj	000	0	2	00	00	97	00	0	037	87	2	1	6	0	0	79	90
	Bogra	000	0	0	13	02	96	00	0	047	98	0	0	9	0	0	77	91
	Dinajpur	000	8	6	09	02	96	02	2	030	88	4	5	7	1	0	77	90
	Rangpur	000	0	4	23	09	96	01	1	xxx	88	3	4	6	2	0	80	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	3	7	09	03	96	03	5	025	89	6	9	6	3	0	77	91
	Sialkot	000	9	3	13	03	98	01	2	015	87	0	0	9	3	2	76	88
Rawalpindi	Jhelum	000	8	2	13	03	98	01	5	030	90	2	1	6	0	0	73	91
	Rawalpindi	000	0	6	23	05	98	03	2	013	92	6	5	6	3	0	70	93
	Khushab	000	0	6	07	05	98	03	1	020	92	3	2	6	7	0	76	92
Multan	Lyallpur	000	0	7	00	00	96	02	0	019	94	0	0	9	5	0	74	96
	Montgomery	000	0	2	13	03	96	01	0	018	95	2	1	7	0	0	75	96
	Multan	000	0	5	31	02	96	01	1	013	95	5	0	8	2	0	75	03
Bahawalpur	Leiah																	
	Khanpur	000	0	8	02	05	95	02	2	010	99	0	0	9	0	2	75	03
	Bahawalpur	000	0	8	00	00	96	02	0	027	92	8	1	8	0	3	71	00
	Fort Abbas	000	0	8	05	05	96	20	2	019	90	8	1	6	0	0	64	02
Peshawar	Chakdara	000	0	1	xx	xx	98	01	1	986	87	1	2	7	0	x	74	80
	Peshawar	000	0	2	05	03	98	02	0	018	91	1	3	7	0	1	67	92
	Haripur	000	9	4	36	02	97	03	2	011	91	4	0	9	3	0	73	92
	Campbellpur	016	8	5	18	02	99	01	6	023	89	0	0	9	0	4	75	89
D.I. Khan	Bannu	000	0	0	05	02	99	00	0	020	91	0	0	9	0	0	71	91
	D.I. Khan	000	0	0	00	00	98	00	0	016	94	0	0	9	0	0	78	95
Quetta	Sibi	000	4	2	13	02	99	03	1	995	05	0	0	9	0	0	66	08
Kalat	Nokkundi	000	0	0	34	02	99	02	0	970	03	0	0	9	0	0	14	05
	Turbat	000	0	0	27	02	97	00	0	002	03	0	0	9	0	0	80	04
	Jiwani	000	0	3	16	07	97	02	0	028	87	3	6	4	0	0	72	89
	Pasni	000	0	0	23	14	96	00	0	045	89	0	0	9	0	0	75	93
	Ormara	003	0	0	xx	07	98	00	0	034	91	0	0	9	0	0	83	92
	Las Bela	000	0	0	00	00	98	00	0	996	01	0	0	9	0	0	74	05
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	12	97	01	2	024	89	2	0	4	0	1	85	90
	Karachi (Air port)	000	0	7	23	10	96	02	2	030	88	3	5	5	0	6	83	91
	Badin	000	0	8	18	02	97	20	3	040	95	0	8	9	0	0	68	98
	Nagarparker	xxx	x	0	36	02	96	22	1	xxx	xx	9	3	9	3	4	xx	xx
	Umarkot	000	0	0	23	01	97	00	0	010	97	0	0	9	0	0	79	98
	Hyderabad	000	0	7	20	07	97	03	1	017	97	0	0	9	7	5	69	00
Khairpur	Pad-i-dan	000	0	3	18	05	98	02	1	995	03	0	0	9	0	2	65	04
	Nawabshah																	
	Sukkur	000	8	6	25	02	96	03	1	001	02	0	0	9	8	0	75	03
	Reti																	
	Jacobabad	000	0	5	13	09	96	03	1	009	02	3	2	7	0	1	70	03
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	09	99	00	0	025	84	0	0	9	0	0	77	85
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Alisbad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Peshawar	Drosh *	000	0	2	23	05	95	03	1	434	92	2	2	7	0	0	49	94
	Cherat *	000	6	2	18	02	98	01	1	458	78	2	2	6	0	0	63	80
	Kakul *	004	6	6	13	10	97	20	9	467	78	6	9	7	0	3	68	81
	Landi Kotal *	000	0	1	02	03	98	01	1	453	86	1	5	6	0	0	61	89
	Parachinar *	000	0	8	13	02	99	00	0	797	70	8	0	8	0	0	66	xx
D.I. Khan	Miranshah *	000	0	2	05	02	99	00	0	510	84	0	0	9	2	0	83	88
	Wana *	000	0	5	31	01	99	20	2	448	83	5	5	7	0	0	63	87
Quetta	Fort Sandeman *	000	0	6	27	02	96	02	1	457	81	6	0	9	3	0	68	00
	Hindubagh *	000	0	0	27	09	98	00	0	431	91	0	0	9	0	0	46	92
	Loralai *	009	2	3	00	00	98	02	6	436	77	0	0	9	2	0	59	88
	Harnai *	000	0	8	31	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	6	29	08	98	01	1	427	91	4	1	8	4	0	42	93
	Chaman *	000	0	0	20	05	98	00	0	411	95	0	0	9	0	0	77	97
Kalat	Kalat *	000	0	0	27	05	98	00	0	450	82	0	0	9	0	0	30	86
	Nushki *	000	0	0	13	08	96	00	0	535	03	0	0	9	0	0	48	03
	Dalbandin *	000	9	3	18	12	95	05	1	448	05	0	0	9	0	5	63	06
	Panjgur *	000	0	0	31	05	98	00	0	460	00	0	0	9	0	0	30	01
Afghanistan	Kabul *	000	0	4	18	02	98	03	1	497	83	4	4	9	0	0	70	86
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	000	0	6	23	02	96	02	1	085	84	4	4	6	0	1	78	78	+ 3	+ 2	76.1	+ 14.5	87.0	140
Chittagong	060	0	7	13	02	97	02	2	076	83	3	4	6	2	0	77	78	+ 2	+ 1	42.2	+ 1.0	49.7	108
Maijdee Court	000	9	3	00	00	96	03	0	089	83	[illegible]	0	9	2	0	76	79	+ 2	+ 1	29.3	- 10.6	39.2	115
Comilla	000	0	4	18	07	99	03	0	072	84	[illegible]	2	5	6	0	77	79	+ 3	+ 2	28.6	- 3.2	50.5	94
Brahmanbaria	000	0	3	23	03	97	03	2	071	84	3	4	3	0	0	76	79	—	—	26.5	+ 2.9	44.2	78
Sylhet	000	0	6	18	05	96	01	2	065	83	5	5	4	7	0	79	79	—	—	42.3	—	92.7	..
Srimangal	000	0	3	00	00	97	02	1	072	84	3	1	7	0	0	75	77	0	+ 1	36.3	+ 5.4	63.1	98
Mymensingh	000	0	8	09	02	98	02	2	067	83	8	4	4	x	x	76	79	+ 4	+ 1	33.0	+ 1.3	43.7	91
Narayanganj	000	9	6	20	02	95	03	2	069	84	6	4	6	0	0	75	80	+ 2	+ 1	31.5	+ 7.8	47.7	74
Dacca (Tezgaon)	000	0	6	23	03	97	02	2	064	85	6	8	4	0	0	77	79	—	—	32.7	—	71.7	..
Faridpur	000	9	4	20	02	96	08	0	055	84	4	5	7	0	0	77	77	+ 4	- 2	26.3	+ 2.8	38.2	71
Barisal	000	0	[illegible]	27	02	96	02	2	066	85	7	0	9	4	0	78	79	+ 3	+ 1	32.6	+ 3.5	39.7	81
Khulna	000	0	6	23	05	97	01	2	068	86	6	4	7	0	0	77	80	+ 6	+ 2	27.1	+ 2.0	34.9	68
Satkhira	000	0	5	23	05	98	03	1	063	86	4	5	8	9	0	77	78	+ 4	0	18.7	- 5.3	24.5	65
Jessore	000	0	6	23	07	97	03	1	064	84	5	8	6	6	0	78	78	—		28.1	+ 5.4	32.4	65
Sirajganj	000	0	8	23	04	96	02	2	051	85	8	4	5	0	0	78	79	+ 3	0	40.1	+ 17.8	51.0	64
Bogra	000	0	0	23	02	97	00	0	061	83	0	0	9	0	0	79	79	+ 2	0	40.7	+ 17.1	48.2	69
Dinajpur	000	2	4	18	02	96	02	2	045	84	0	0	9	2	0	78	76	0	- 3	26.2	- 1.0	29.6	72
Rangpur	000	0	7	18	05	96	03	2	xxx	84	7	5	6	x	x	80	79	+ 1	—	30.6	- 1.4	39.4	84
Jammu																							..
Lahore (Jail Rd.)	021	3	5	00	00	96	01	6	033	81	3	8	6	3	4	76	78	- 8	- 1	5.5	+ 0.9	14.1	19
Sialkot	000	9	7	31	02	98	03	2	028	83	5	4	6	3	x	76	78	- 8	- 1	7.6	- 2.0	30.8	32
Jhelum	000	0	1	00	00	98	02	0	028	90	1	4	9	0	0	74	79	—	—	3.4	—	14.2	..
Rawalpindi	000	0	3	00	00	99	01	1	026	90	3	0	9	3	0	72	76	- 3	- 1	4.5	- 4.7	20.5	36
Khushab	000	0	1	07	02	99	01	0	031	87	1	2	6	0	0	77	79	- 10	+ 3	4.0	- 0.6	12.8	15
Lyallpur	000	0	6	13	02	96	02	0	029	86	0	0	9	4	0	77	82	- 5	0	3.4	- 0.3	9.5	12
Montgomery	000	0	0	13	02	96	01	0	995	87	0	0	9	0	0	77	82	- 7	- 1	0.2	- 2.8	4.0	10
Multan	030	0	1	00	00	96	01	0	041	87	0	0	9	0	1	77	78	+ 2	- 7	0.7	- 1.4	4.1	7
Leiah																							8
Khanpur	000	0	3	23	02	96	01	1	026	89	0	0	9	3	0	74	81	0	- 2	0	- 2.1	1.0	6
Bahawalpur	000	0	5	00	00	97	03	0	028	86	5	0	9	0	8	74	88	- 1	+ 5	1.0	- 1.2	2.3	6
Fort Abbas	000	0	0	31	03	97	01	0	026	88	0	0	9	0	0	75	79	—	—	1.3	—	4.3	8
Chakdara	000	0	1	13	xx	98	03	0	022	78	1	1	7	x	x	69	59	—	—	1.9	—	16.7	..
Peshawar	009	0	1	00	00	98	03	0	028	85	1	1	7	3	0	70	74	- 9	- 6	1.0	- 0.3	12.1	14
Haripur	009	9	2	27	02	97	01	0	977	83	2	0	9	0	3	53	75	—	—	2.5	—	16.6	..
Campbellpur	000	0	2	00	00	99	01	1	030	87	2	0	8	4	0	75	69	—	—	2.0	—	17.4	..
Bannu	000	0	0	27	02	99	00	0	021	84	0	0	9	0	0	75	79	—	—	1.5	—	8.6	11
D.I. Khan	000	0	0	00	00	98	00	0	025	86	0	0	9	0	0	79	79	—	—	1.9	- 0.6	7.5	10
Sibi	000	0	0	00	00	99	00	0	030	86	0	0	9	0	0	71	86	—	—	0.3	—	5.3	5
Nokkundi	000	0	0	34	05	99	02	0	011	88	0	0	9	0	0	52	77	—	—	0	—	1.9	2
Turbat	000	0	7	23	02	98	03	2	012	84	0	0	9	0	0	76	84	—	—	2.5	—	5.9	..
Jiwani	000	2	8	36	03	96	02	2	058	82	8	5	5	x	x	73	80	—	—	0	—	3.1	4
Pasni	000	0	3	29	00	96	00	0	070	81	3	0	9	0	8	75	73	+ 2	0	0	- 0.6	6.2	6
Ormara	000	0	5	xx	05	96	02	1	064	83	5	2	5	0	0	80	80	—	—	0	- 0.7	3.8	6
Las Bela	052	0	0	00	02	98	00	0	963	85	0	0	9	0	0	78	76	—	—	1.5	—	2.6	8
Karachi (Manora)	000	8	4	25	05	96	03	5	046	83	0	0	9	2	7	82	81	+ 3	+ 1	0.5	- 3.0	0.9	8
Karachi (Air port)	000	0	6	25	05	96	03	2	047	83	3	6	5	3	0	75	78	—	—	0.7	—	1.1	..
Badin																	80	+ 5					9
Nagarparker	xxx	x	4	36	00	96	20	3	—	—	4	3	9		2	xx	xx	—	—	—	—	—	..
Umarkot	000	0	0	23	01	97	00	0	023	87	0	0	9	0	0	79	80	—	—	2.8	—	2.8	..
Hyderabad	000	0	8	23	05	97	03	2	038	85	3	5	6	7	5	73	81	+ 3	+ 1	0.2	- 2.7	2.0	7
Pad-i-dan	000	0	7	13	05	98	02	2	026	89	2	0	9	5	0	68	83	—	—	0	—	1.2	..
Nawabshah	000	0	3	00	00	97	02	0	034	86	2	0	9	3	8	74	82		—	0.1	—	0.6	..
Sukkur	009	8	7	13	02	96	03	6	027	84	7	0	9	7	0	75	79	—	—	0.1	—	2.9	4
Reti																							..
Jacobabad	000	0	6	09	03	96	03	1	032	89	0	0	9	7	0	73	83	- 4	- 1	0	- 1.1	3.5	4
Veraval																							20
Jalalabad																							..
Muscat	000	0	0	09	05	99	00	0	051	80	0	0	9	0	0	77	80	- 7	- 6	0	- 0.1	4.9	4
Kuwait																							..
Srinagar *																							26
Gulmarg **																							..
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																							..
Alisbad *																							..
Gilgit *																							5
Murree *	093	9	3	13	03	98	01	1	446	68	3	9	3	0	0	60	59		—	10.4	- 4.2	44.3	59
Drosh *	000	0	2	00	00	96	03	0	465	78	2	2	7	0	0	54	70	- 3	- 3	0.9	—	23.0	18
Cherat *	000	0	0	36	02	98	00	0	466	72	0	0	9	0	0	66	68	- 8	- 3	3.2	- 1.3	23.9	29
Kakul *	004	9	2	xx	xx	97	03	1	468	75	1	2	7	0	1	66	67	—	—	5.2	—	32.7	..
Landi Kotal *	000	0	0	00	00	98	00	0	464	80	0	0	9	0	0	64	70	—	—	0.7	—	15.0	..
Parachinar *	000	0	0	00	00	99	00	0	795	72	0	0	9	0	0	52	xx	x	—	5.2	—	24.3	29
Miranshah *	000	0	0	00	00	99	00	0	508	81	0	0	9	0	0	77	74	—	—	2.0	—	14.3	13
Wana *	000	0	0	00	00	98	00	0	457	75	0	0	9	0	0	62	66	—	—	1.0	—	13.1	..
Fort Sandeman *	000	0	0	00	00	98	00	0	466	78	0	0	9	0	0	63	69	+ 1	+ 3	1.7	- 0.7	12.3	11
Hindubagh *	000	0	0	27	02	98	00	0	466	72	0	0	9	0	0	52	63	—	—	0	—	12.3	..
Loralai *	009	0	2	09	02	98	02	1	455	73	0	0	9	2	0	64	64	—	—	1.7		10.5	..
Harnai *	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	—	—	—	—	1.5	- 1.7	13.8	14
Quetta *	0[illegible]0	0	0	00	00	95	03	0	441	70	0	4	8	0	0	64	62	—	—	0	- 0.5	9.5	9
Chaman *	000	0	0	29	03	97	00	0	460	79	0	0	9	0	0	75	73	- 3	- 2	0	- 0.1	10.2	8
Kalat *	000	0	0	18	03	98	00	0	468	71	0	0	9	0	0	57	58	- 5	- 3	0	- 0.7	8.4	7
Nushki *	000	0	0	13	06	97	00	0	533	81	0	0	9	0	0	55	79	—	—	0	—	8.0	..
Dalbandin *	000	9	1	00	00	95	05	0	440	74	0	0	9	4	5	49	67	- 3	- 11	0	- 0.1	4.4	4
Panjgur *	000	0	0	23	03	98	00	0	367	77	0	0	9	0	0	51	74	- 2	- 3	0	—	4.2	5
Kabul *	000	0	0	18	00	99	00	1	524	69	0	0	9		0	63	59						12
Kandahar *																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SATURDAY, THE 27th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kohemaru	63 187	656 00	8 22 20	97 02 2	060 79	64 4 70	3 5 ×××	..	0 52 81	..
Rizwani	63 201	605 06	8 22 04	98 14 2	058 75	33 6 ××	..	..		
Karanja	63 236	670 06	6 27 09	99 03 2	058 82	11 6 7×	4 6 211		0 00 75	1 37 23
Ocean Endeavour	63 241	660 12	7 22 12	97 02 1	038 84	64 7 3×	5 4 400	8 7 375	0 51 81	1 21 44
Daressa	63 249	647 18	6 22 13	96 03 1	064 82	5××××	2 5 223	..	0 03 77	1 22 ×3

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	004 268 242	Misda											
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	828 182 152	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	Misda											
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Heights in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra.	22 17	22 16	22 17	22 24	..	..	..	..	..
Chakiala	..	..	..	..	..	..	..	..	..
Chhor	21 05	19 07	16 09	12 14	08 08	03 17	..	..	..
Chittagong	24 13	24 14	24 11	26 10	29 10	30 12	36 04	..	..
Cox's Bazar	27 08	27 12	29 12	30 08	31 09	34 04	07 05	06 09	10 04
Dacca	22 07	24 10	24 15	24 15	26 13	26 09	28 06	34 04	36 06
Dalbandin	..	..	23 10	26 04	22 04	28 09	29 29	..	..
D. I. Khan	..	..	..	..	..	..	..	..	..
Drosh	..	..	..	34 09	23 11	22 10	24 18	25 25	..
Fort Sandeman	..	..	..	10 07	09 15	06 10	28 25	31 17	27 09
Jacobabad	17 16	16 17	16 13	17 12	18 09	27 05	34 12	35 25	33 22
Jessore	..	..	..	..	..	..	..	..	..
Jhelum	11 05	11 07	09 06	06 10	07 09	06 09	29 03	20 07	19 13
Jiwani	19 12	15 06	10 05	11 08	06 07	03 18	36 16	36 18	01 11
Karachi	23 10	24 04	17 03	09 10	06 12	04 15	..	..	..
Khanpur	35 12	36 10	02 10	36 08	34 07	35 10	35 19	03 06	12 04
Lahore	08 06	11 08	11 05	..	..	..	..	..	..
Multan	02 19	08 12	03 07	36 06	01 13	..	..	..	..
Muscat	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar	..	..	..	..	..	..	..	..	..
Quetta	..	..	..	..	27 12	29 09	28 09	26 09	24 10
Sharjah	..	..	..	..	..	..	..	..	..
Sylhet	25 17	26 18	26 18	26 20	..	..	..	..	..
Veraval	..	..	..	..	..	..	..	..	..

Heights in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra.	23 22	23 29	..	..	..	..
Chakiala	..	07 04	33 01	32 08	30 02	12 12
Chhor	23 16	24 17	23 13	14 06	07 14	09 14
Chittagong	20 07	21 07	23 09	25 19	26 15	29 10
Cox's Bazar	23 05	26 05	26 04	29 09	30 12	..
Dacca	23 13	24 18	..	..	..	..
Dalbandin	..	..	29 06	36 05	03 04	07 09
D. I. Khan	..	..	..	..	..	..
Drosh	..	..	..	..	23 02	17 05
Fort Sandeman	..	..	..	06 09	02 04	07 06
Jacobabad	20 17	22 17	23 15	27 10	33 09	01 03
Jessore	..	..	..	..	..	..
Jhelum	33 02	03 02	08 03	08 07	09 08	10 12
Jiwani	26 06	29 03	26 01	..	..	..
Karachi	27 19	28 12	29 11	..	..	..
Khanpur	28 23	29 19	33 08	02 09	01 12	01 15
Lahore	07 07	07 08	07 03	24 01	..	..
Multan	30 06	35 03	02 06	04 07	01 06	29 14
Muscat	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar	..	26 03	35 08	01 09	34 01	03 03
Quetta	..	..	..	..	09 02	28 06
Sharjah	..	..	..	..	..	..
Sylhet	20 10	22 12	..	..	..	..
Veraval	..	..	..	..	..	..

Heights in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra.	21 16	23 09	..	..	..	..	..	..	..	..	..
Chakiala	..	..	..	..	..	..	..	..	..	..	..
Chhor	..	..	..	..	..	..	..	..	..	..	..
Chittagong	..	..	..	..	..	..	..	..	..	..	..
Cox's Bazar	25 05	26 04	28 03	28 04	30 06	29 09	30 03	12 06	13 07	..	..
Dacca	18 10	19 02	..	..	..	..	..	..	..	..	..
Dalbandin	..	..	12 01	06 03	35 05	34 06	08 10	02 12	03 14	36 06	01 03
D. I. Khan	..	..	..	..	..	..	..	..	..	..	..
Drosh	..	..	..	..	23 06	23 04	19 04	20 03	11 02	06 02	30 01
Fort Sandeman	..	..	..	35 03	36 03	35 07	12 05	23 09	25 09	23 07	22 09
Jacobabad	20 04	22 09	22 10	21 06	25 03	36 04	01 07	..	..	..	..
Jessore	..	..	..	..	..	..	..	..	..	..	..
Jhelum	12 01	06 03	06 04	06 03	09 05	10 05	20 04	21 09	21 15	22 19	21 20
Jiwani	29 03	07 02	..	..	..	..	..	..	..	..	..
Karachi	28 18	28 22	28 22	..	..	..	..	..	..	..	..
Khanpur	30 12	29 11	31 04	02 04	35 10	36 05	..	..	..	..	..
Lahore	04 02	24 01	24 02	01 04	11 02	14 05	..	..	..	..	..
Multan	34 01	01 01	05 02	03 04	01 05	02 09	06 04	19 02	18 05	18 08	..
Muscat	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar	..	06 04	06 02	21 02	02 03	01 06	34 11	23 18	24 23	21 29	22 31
Quetta	..	..	..	..	28 03	04 02	18 08	23 10	25 08	26 04	11 06
Sharjah	..	..	..	..	..	..	..	..	..	..	..
Sylhet	24 13	23 06	..	..	..	..	..	..	..	..	..
Veraval	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	Misda																	
Peshawar ..																		
Quetta ..																		

The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

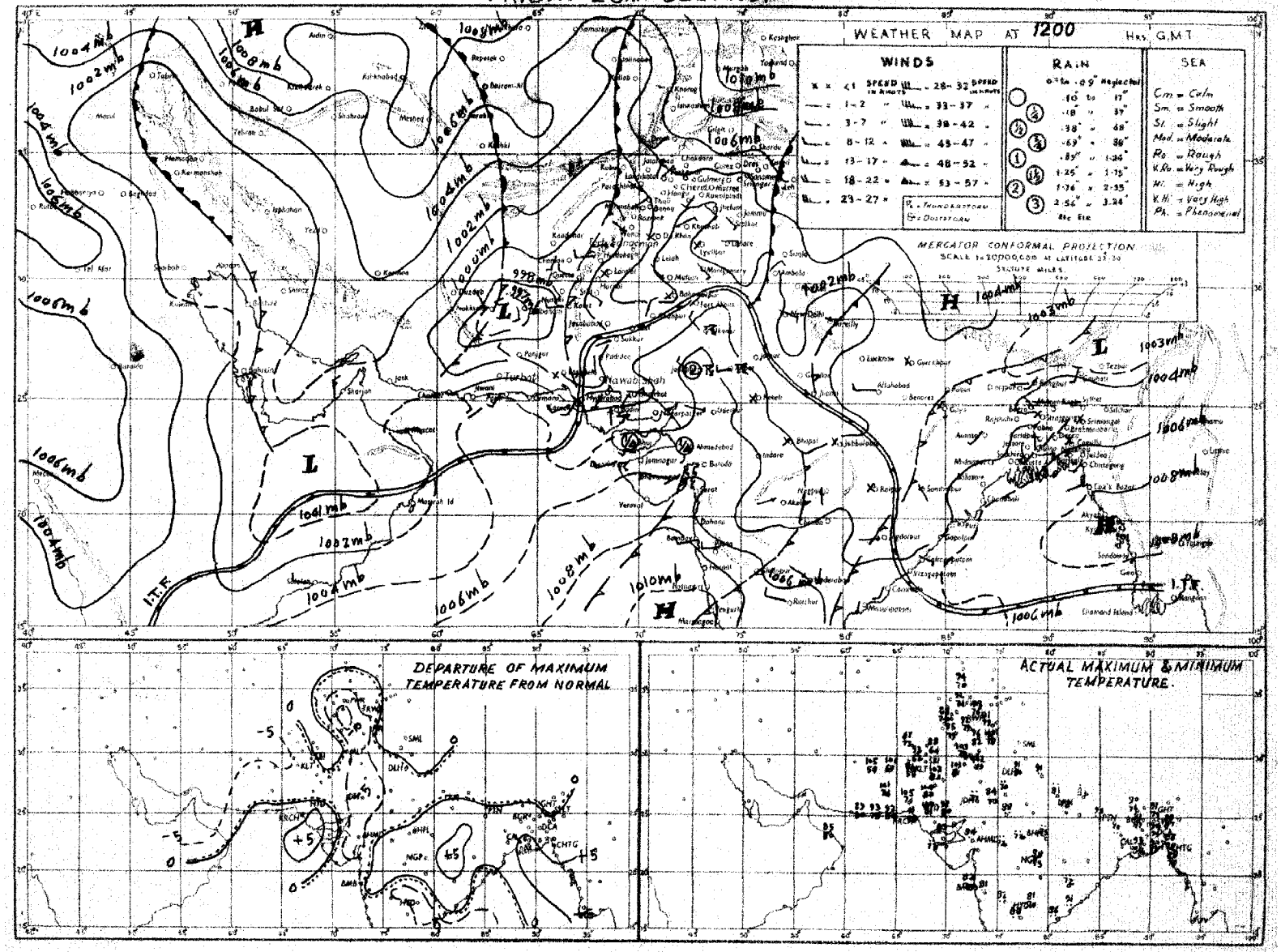
Cloud observation Data (GGiii $Cddv_fv_f$ etc)

Khanpur 06461 Neph 3380××

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.

PAKISTAN DAILY WEATHER MAP

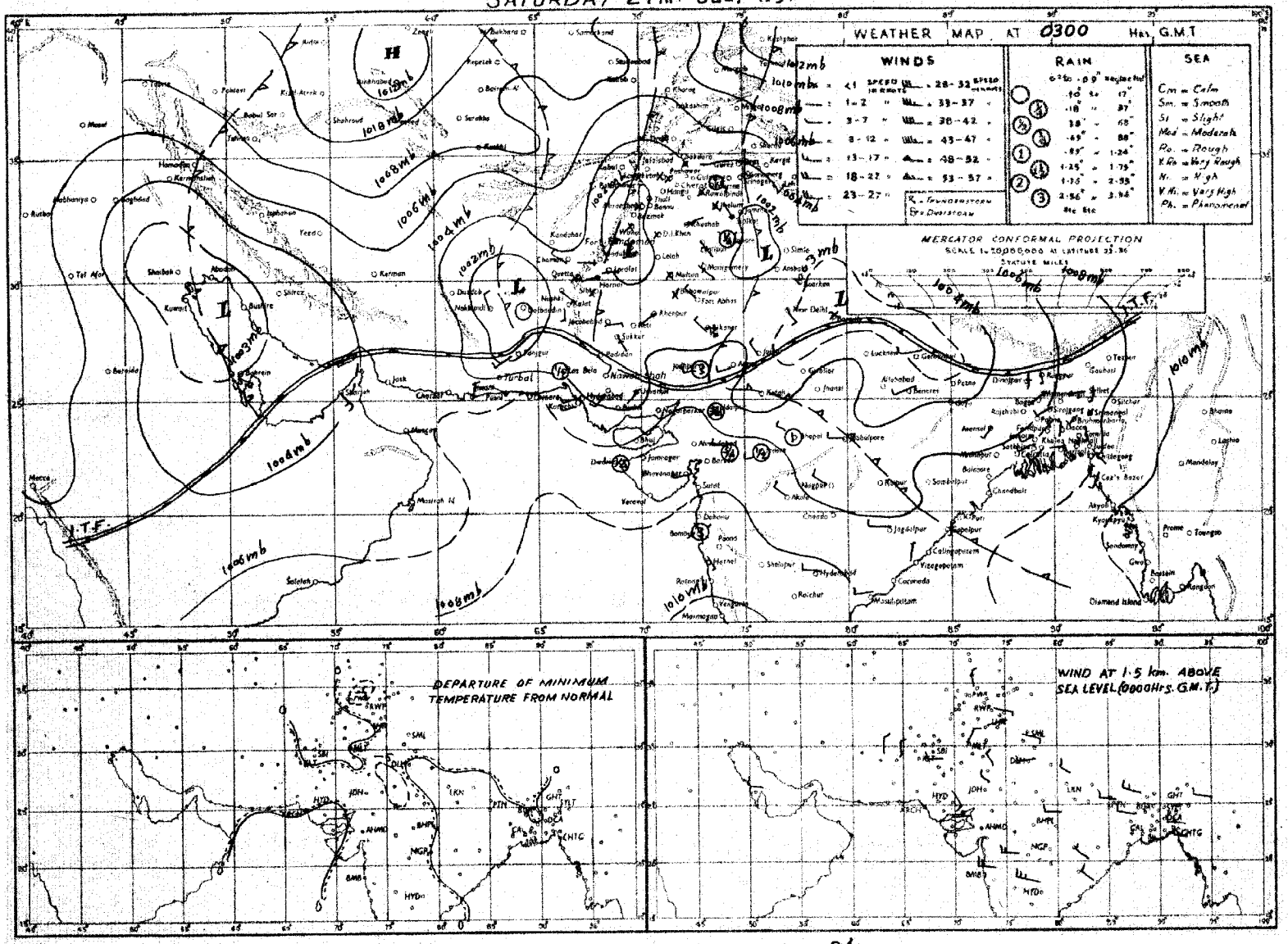
FRIDAY 26th: JULY 1957



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 27th: JULY 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No S 1467

SUNDAY, THE 28th JULY, 1957

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

Yesterday's low pressure wave is now moving across Kashmir.

The monsoon trough lies parallel to the foot of Himalayas.

Scattered rain has been reported from Bahawalpur, Rawalpindi and Rajshahi divisions.

Chief amounts of rainfall are:— Dinajpur 2" and Fort Abbas ¼".

Day temperatures were 2-6°F above normal in East Pakistan, Multan and Hyderabad divisions and the Federal Capital Area. They were 2-6°F below normal elsewhere over West Pakistan.

Forecast valid until the evening of 29th:—Local rain will fall in Rajshahi and Dacca divisions and scattered in Chittagong division. A few thunderstorms also likely Peshawar Rawalpindi divisions and in Kashmir.

Karachi-11.
The 28th July, 1957.

K. U. SIDDIQI.
for Director. Meteorological Service.

OBSERVATIONS

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature° (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F. (TdTd)	Maximum temperature °F. (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	4	25	03	96	01	0	046	86	2	3	7	0	9	83	88
	Chittagong	000	0	7	20	05	96	02	2	034	84	4	4	6	2	0	75	87
	Maijdee Court	000	6	4	13	02	96	03	0	034	85	0	0	9	0	2	76	89
	Comilla	000	0	5	18	05	99	03	0	025	87	3	1	5	5	0	78	91
	Brahmanbaria	000	0	3	23	02	97	03	2	026	86	1	1	5	0	9	76	89
	Sylhet	000	0	6	23	05	96	03	2	020	87	2	2	6	0	4	75	89
	Srimangal	000	0	2	00	00	97	01	1	024	88	1	1	7	0	1	77	91
Dacca	Mymensingh	000	0	4	09	02	98	02	2	018	89	4	2	4	0	0	76	91
	Narayanganj	000	9	7	13	02	95	08	1	021	89	4	4	6	0	1	77	90
	Dacca (Tejgaon)	000	9	6	23	02	98	02	1	016	87	2	2	5	0	1	76	89
	Faridpur	000	8	4	18	02	96	01	2	049	90	2	4	8	1	0	77	92
	Barisal	000	0	4	18	01	96	02	2	025	87	8	0	9	6	0	79	90
Rajshahi	Khulna	000	0	7	00	00	97	03	1	016	87	7	5	6	0	0	79	93
	Satkhira	000	0	4	××	××	98	01	0	021	82	3	5	8	9	0	79	91
	Jessore	000	0	6	18	13	97	02	2	038	90	4	4	6	6	0	80	91
	Sirajganj	000	0	3	18	02	97	03	0	008	86	0	0	9	0	1	79	90
	Bogra	000	0	0	27	02	97	00	0	013	90	0	0	9	0	0	77	91
	Dinajpur	000	2	6	18	02	96	02	2	044	86	6	4	7	0	0	81	91
	Rangpur	005	2	8	18	02	96	50	5	×××	86	8	7	5	×	×	82	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	2	00	00	97	01	2	990	91	1	4	7	0	8	78	94
	Sialkot	000	9	3	23	02	98	02	1	978	96	2	2	6	3	×	78	97
Rawalpindi	Jhelum	000	9	3	23	03	98	02	0	973	97	3	5	7	0	0	72	99
	Rawalpindi	000	0	3	00	00	99	01	1	002	96	3	0	9	3	0	67	98
	Khushab	000	0	2	13	03	99	03	1	975	97	2	2	6	0	0	71	00
Multan	Lyallpur	000	0	6	00	00	96	02	0	985	97	0	0	9	5	0	76	99
	Montgomery	000	0	3	23	02	96	00	0	984	01	3	1	7	0	0	72	01
	Multan	000	0	1	23	02	96	01	1	985	03	0	0	9	0	1	75	04
Bahawalpur	Leiah																	
	Khanpur	000	0	3	23	02	96	01	1	986	02	0	0	9	0	6	72	03
	Bahawalpur	000	0	4	00	00	97	02	0	991	03	4	2	9	0	2	75	04
	Fort Abbas	029	3	4	13	02	97	03	6	933	95	4	0	6	0	0	77	95
Peshawar	Chakdara	000	0	1	××	××	98	02	1	942	92	1	2	7	0	×	69	93
	Peshawar	000	0	1	05	05	98	02	0	968	96	1	8	6	3	1	73	97
	Maripur	000	9	1	03	02	97	02	0	962	97	1	1	6	×	×	71	98
	Campbellpur	000	0	0	00	00	98	01	1	998	98	0	0	9	0	0	70	98
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	980	96	0	0	9	0	0	67	96
	D.I. Khan	000	0	0	00	00	98	00	0	006	97	0	0	9	0	0	76	98
Quetta	Sibi	000	0	0	00	00	99	00	0	989	05	0	0	9	0	0	70	06
Kalat	Nhikkundi	000	0	0	34	05	99	02	1	963	03	0	0	9	0	0	30	08
	Turbat	000	0	1	23	02	97	03	0	001	03	0	0	9	4	0	81	05
	Jiwani	000	0	8	18	12	96	03	2	023	85	5	6	5	0	6	73	89
	Pasni	000	0	4	20	14	96	00	0	035	87	4	0	9	0	8	75	90
	Ormara	000	0	7	××	××	98	02	1	036	86	7	2	5	0	0	81	87
	Las Bela	000	0	3	13	04	98	00	3	985	82	0	4	8	0	0	68	98
Karachi Pakistan & Hyderabad	Karachi (Manora)	000	0	4	25	09	97	01	1	015	88	0	0	9	4	1	87	89
	Karachi (Air port)	000	0	7	23	07	96	02	2	014	88	0	0	9	3	0	73	94
	Badin	000	0	4	23	03	97	00	0	018	96	0	0	9	0	0	73	99
	Nagarparkar																	
	Umarkot	000	0	7	23	03	97	00	0	998	01	0	0	9	0	0	79	02
	Hyderabad	000	0	3	20	12	96	07	2	996	88	1	5	6	0	5	72	03
Khairpur	Pad-i-dan	000	0	4	27	02	98	01	2	980	05	3	4	7	3	0	63	06
	Nawabshah	000	4	4	18	02	97	02	1	995	03	4	1	7	3	0	64	05
	Sukkur	000	8	1	00	00	96	01	2	982	03	0	0	9	0	3	73	04
	Rori																	
	Jacobabad	000	0	3	23	09	96	03	1	987	03	3	0	9	3	0	66	03
Baluchistan Afghanistan	Veraval																	
	Jalalabad																	
Arabia Sea	Muscat	000	3	6	09	05	99	03	1	015	82	0	0	8	0	2	76	83
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Minjar **																	
Rawalpindi	Afidbad *																	
	Gilgit *																	
	Murree *	003	5	6	31	03	98	02	6	434	72	6	9	3	0	0	63	72
Peshawar	Drosh *	000	0	4	27	07	96	03	1	403	94	4	2	7	0	0	51	98
	Cherat *	000	7	1	18	02	98	01	0	440	85	1	1	6	0	0	65	87
	Kakul *	000	7	4	20	15	98	03	1	439	83	4	2	7	0	0	67	86
D.I. Khan	Landi Kotal *	000	0	1	02	03	98	01	1	430	91	1	0	9	5	0	60	91
	Parachinar *	000	0	0	13	02	99	00	0	795	83	0	0	9	4	0	55	××
	Miranshah *	000	0	6	00	00	99	02	0	469	90	0	0	8	4	2	87	92
	Wana *	000	0	0	07	02	99	00	0	419	96	0	0	9	0	0	51	98
Quetta	Fort Sandeman *	000	0	6	23	02	97	03	0	436	94	6	3	9	2	0	48	95
	Hindubagh *	000	0	4	00	00	98	03	0	415	89	4	6	7	0	9	53	94
	Loralai *	000	0	4	18	02	98	02	1	009	94	4	3	9	8	6	59	87
	Harnai *	000	0	0	18	01	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	3	23	03	97	01	0	412	88	2	2	8	8	0	55	93
Kalat	Chaman *	000	0	0	25	03	98	00	0	434	77	0	0	9	9	0	79	98
	Kalat *	000	0	0	04	03	98	00	0	434	81	0	0	9	0	0	××	85
	Nushki *	000	0	0	27	08	96	00	0	535	03	0	0	9	0	0	51	05
Afghanistan	Dalbandin *	000	0	0	13	03	96	02	0	430	03	0	0	9	0	0	54	03
	Panjgur *	000	0	0	13	03	98	00	0	450	99	0	0	9	0	0	14	00
	Kabul *	000	0	5	32	06	98	03	0	497	84	5	2	9	0	0	70	98
	Kandahar *																	

DIVISIONS.	STATION	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F. (TdTd)	Minimum temperature °F. (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Departure from Normal of: Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	7	5	20	02	96	03	6	062	85	3	5	6	0	9	78	78	+ 3	+ 2	76.1	+ 13.1	87.0	140
	Chittagong	002	2	6	13	02	97	00	6	089	83	4	5	5	2	0	78	78	+ 1	+ 1	42.3	+ 0.1	49.7	108
	Maijdee Court	000	6	2	13	02	97	02	0	057	84	0	0	9	2	0	74	79	+ 3	+ 1	29.3	- 11.7	39.2	115
	Comilla	000	0	4	18	05	99	03	0	053	84	2	1	5	5	0	77	79	+ 4	+ 2	28.6	- 3.9	50.5	94
	Brahmanbaria	000	0	4	17	03	97	03	3	051	74	4	4	3	0	0	75	70	—	—	26.5	+ 2.4	44.2	78
	Sylhet	000	0	7	18	05	96	01	2	048	81	6	5	4	6	0	77	79	—	—	42.3	—	92.7	..
	Srimangal	000	0	4	23	02	97	02	1	050	84	4	1	7	0	0	76	76	+ 1	0	36.3	+ 4.9	63.1	98
Dacca	Mymensingh	000	4	27	02	98	02	1	054	83	4	4	4	0	0	0	77	79	+ 4	+ 1	33.0	+ 4.2	43.7	91
	Narayanganj	000	9	6	20	03	95	03	2	052	86	6	4	4	0	0	77	80	+ 2	+ 1	31.5	+ 7.4	47.7	74
	Dacca (Tezgaon)	000	9	6	23	05	98	02	1	044	85	5	4	5	0	9	78	79	—	—	32.7	—	71.7	..
	Faridpur	000	9	8	18	02	96	03	0	046	85	3	5	8	0	0	76	77	+ 5	- 2	26.3	+ 1.8	38.2	71
	Barisal	000	8	2	00	00	96	01	0	046	86	2	0	8	1	0	79	79	+ 3	+ 1	32.6	+ 3.9	39.7	81
Rajshahi	Khulna	000	0	4	23	03	97	01	1	042	85	4	5	7	0	0	78	80	+ 4	+ 2	27.1	+ 1.5	34.9	68
	Satkhira	000	0	2	18	03	99	00	0	043	84	0	0	9	0	0	78	79	+ 3	+ 1	18.7	- 5.7	24.5	65
	Jessore	000	0	5	23	09	97	03	1	043	84	5	8	5	0	0	80	78	—	—	28.1	+ 4.9	32.4	65
	Sirajganj	000	0	8	23	02	95	02	2	041	84	8	4	4	0	0	77	79	+ 3	0	40.1	+ 17.3	51.0	64
	Bogra	000	0	4	27	02	97	02	0	035	82	4	4	6	0	0	78	80	+ 2	+ 1	40.7	+ 16.4	48.2	69
	Dinajpur	246	2	8	18	02	96	02	2	022	84	8	4	7	0	0	78	71	+ 1	- 8	28.7	- 1.0	32.1	72
	Rangpur	017	0	8	09	05	96	01	2	×××	83	8	5	6	×	×	79	77	0	- 1	30.8	- 1.3	39.6	84
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	986	86	0	0	9	0	0	77	82	- 5	+ 3	5.5	- 1.1	14.1	19
	Sialkot	000	0	0	00	00	98	00	0	981	87	0	0	9	0	0	80	83	+ 1	+ 4	7.6	- 2.3	30.8	32
Rawalpindi	Jhelum	000	8	0	18	02	97	02	0	983	××	0	0	9	0	0	77	64	—	—	3.4	—	14.2	..
	Rawalpindi	000	0	0	00	00	99	00	1	017	91	0	0	9	0	0	70	77	+ 2	0	4.5	- 5.0	20.7	26
	Khushab	000	0	1	02	98	00	0	0	983	91	0	0	9	0	0	78	83	- 2	+ 1	4.0	- 0.8	12.8	15
Multan	Lyallpur	000	0	4	03	00	96	01	0	991	90	0	0	9	0	3	79	84	- 2	+ 2	3.4	- 0.4	9.5	13
	Montgomery	000	0	3	23	02	96	00	0	993	87	0	0	9	0	6	77	83	- 2	0	0.2	- 2.9	4.0	10
	Multan	000	0	0	31	03	96	00	0	997	88	0	0	9	0	0	77	81	+ 3	- 4	0.7	- 1.5	4.1	7
Bahawalpur	Leiah																							..
	Khanpur	000	0	2	05	05	96	01	1	990	90	0	0	9	3	0	72	81	0	- 2	0	- 2.3	1.0	6
	Bahawalpur	000	0	0	00	00	97	00	0	980	90	0	0	9	0	0	76	84	+ 3	+ 1	1.0	- 1.3	2.3	6
	Fort Abbas	029	0	0	23	05	97	00	0	987	90	0	0	9	0	0	76	75	—	—	1.6	—	4.5	8
Peshawar	Chakdara	000	0	2	09	××	98	03	0	968	81	2	2	9	×	×	68	61	—	—	1.9	—	16.7	..
	Peshawar																		- 4					14
	Maripur	000	9	1	18	02	97	01	0	966	91	1	0	9	0	3	73	80	—	—	2.5	—	16.6	..
	Campbellpur	000	0	0	13	02	98	00	0	025	91	0	0	9	0	0	75	82	—	—	2.0	—	17.4	..
D.I. Khan	Bannu	000	0	0	31	03	96	00	0	937	88	0	0	9	0	0	77	81	—	—	1.5	—	8.6	11
	D.I. Khan	000	0	0	00	00	98	00	0	970	87	0	0	9	0	0	80	80	—	—	1.9	- 0.7	7.5	10
Quetta	Sibi	000	0	0	00	00	99	00	0	994	92	0	0	9	0	0	71	91	—	—	0.3	—	5.3	5
Kalat	Nhikkundi	000	0	0	04	02	99	02	0	980	90	0	0	9	0	0	39	82	—	—	0	—	1.9	2
	Turbat	000	0	7	23	02	98	03	2	007	83	0	0	9	0	0	75	81	—	—	2.5	—	5.9	..
	Jiwani	000	0	8	23	05	98	03	2	027	81	8	5	5	0	0	71	××	—	—	0	—	3.1	4
	Pasni	000	0	0	23	07	96	02	0	039	83	0	0	9	0	0	73	80	- 1	+ 2	0	- 0.6	6.2	6
	Ormara	000	0	6	00	00	98	02	1	039	81	6	4	5	0	0	80	80	—	—	0	- 0.7	3.8	5
	Las Bela	000	0	3	00	02	98	00	0	964	87	0	3	9	3	0	81	80	—	—	1.5	—	2.6	8
Karachi Pakistan & Hyderabad	Karachi (Manora)	000	0	2	25	07	95	01	0	019	85	0	0	9	5	0	84	79	+ 2	- 1	0.5	- 3.8	0.9	8
	Karachi (Air port)	000	0	5	25	10	97	03	2	021	83	5	5	5	0	0	75	80	—	—	0.7	—	1.1	..
	Badin	000	0	0	23	02	96	00	0	027	84	0	0	9	0	0	78	××	+ 6	×	0	- 3.9	0	9
	Nagarparkar	×××	×	0	18	02	96	10	3	—	—	0	0	9	0	0	—	—	—	—	—	—	—	..
	Umarkot	000	0	0	23	03	97	00	0	007	87	0	0	9	0	9	79	80	—	—	2.8	—	2.8	..
	Hyderabad																		+ 6					7
Khairpur	Pad-i-dan	000	0	0	18	05	98	02	0	991	87	0	0	9	0	0	72	82	—	—	0	—	1.2	..
	Nawabshah	000	0	0	18	07	97	02	0	999	86	0	0	9	0	0	73	82	—	—	0.1	—	0.6	4
	Sukkur	000	4	0	23	02	96	00	0	986	87	0	0	9	0	0	73	83	—	—	0.1	—	2.9	..
	Rori																							..
	Jacobabad	000	0	1	18	03	96	02	0	987	89	0	0	9	0	0	74	83	- 4	- 2	0	- 1.1	3.5	4
Baluchistan Afghanistan	Veraval																							29
	Jalalabad																							..
Arabia Sea	Muscat	000	0	0	31	02	99	00	0	013	86	0	0	9	0	0	73	82	- 9	- 4	0	- 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							71
	Sonamarg																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							..
	Minjar **																							..
Rawalpindi	Afidbad *																							..
	Gilgit *																							5
	Murree *	003	9	2	27	05	98	01	1	429	65	2	1	4	0	0	61	61	—	—	10.4	- 4.6	44.3	59
Peshawar	Drosh *	000	0	1	00	00	96	00	0	435	82	1	0	9	0	0	60	73	+ 1	0	0.9	—	23.0	18
	Cherat *	000	0	0	18	02	98	00	0	427	72	0	0	9	0	0	48	71	- 1	0	3.2	- 1.4	23.9	29
	Kakul *	000	9	2	05	02	99	01	1	433	80	2	2	7	7	0	47	73	—	—	5.2	—	32.7	..
D.I. Khan	Landi Kotal *	000	0	0	00	00	98	00	0	435	83	0	0	9	0	0	65	72	—	—	0.7	—	15.0	..
	Parachinar *	000	0	0	00	00	99	00	0	794	69	0	0	9	0	0	57	××	—	—	5.2	—	24.3	25
	Miranshah *	000	0	0	00	00	99	00	0	474	85	0	0	9	0	0	79	77	—	—	2.0	- 0.2	14.3	13
	Wana *																		—	—				..
Quetta	Fort Sandeman *	000	0	0	00	00	97	00	0	436	81	0	0	9	0	0	59	69	- 4	+ 3	1.7	- 0.8	12.3	11
	Hindubagh *	000	0	0	00	00	98	00	0	435	78	0	0	9	0	0	48	64	—	—	0	—	12.3	..
	Loralai *	000	0	3	00	00	98	02	1	437	69	3	0	9	2	0	63	66	—	—	1.7	—	10.5	..
	Harnai *	000	0	1	31	01	98	02	0	×××	××	0	0	9	2	0	××	××	—	—	1.5	- 1.9	13.8	14
	Quetta *	000	0	2	00	00	95	03	0	432	72	1	0	9	8	9	61	60	—	—	0	- 0.5	9.5	9
Kalat	Chaman *	000	0	0	00	00	98	00	0	465	88	0	0	9	0	0	81	77	- 2	- 3	0	- 0.1	10.2	8
	Kalat *	000	0	0	16	02	98	00	0	412	74	0	0	9	0	0	53	59	- 6	- 2	0	- 0.7	8.4	7
	Nushki *	000	0	0	09	06	97	00	0	509	86	0	0	9	0	0	51	77	—	—	0	—	8.0	..
Afghanistan	Dalbandin *	000	6	5	00	00	96	03	1	424	80	5	0	9	4	0	43	69	- 6	- 9	0	- 0.1	4.4	4
	Panjgur *																		- 3					5
	Kabul *	000	0	0	23	00	99	00	1	408	62	0	0	9	0	0	60	54	—	—	—	—	—	12
	Kandahar *																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SUNDAY, THE 28th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_M C_H$	D_sV_s a PP	8 N_s C h_s h_s	O T_sT_s T_dT_d	$i_d w_d d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Saffna-e-Arab	73 224	639 00	6 23 11	97 02 0	042 80	64 7 32	5 4 716	8 7 370	0 52 79	1 22 34
Elhomaru	73 224	654 00	5 18 10	97 03 1	045 81	50 6 40	3 5 820	..	..	..
Elhomaru	73 219	667 06	7 24 10	98 02 2	070 86	78 5 ××	3 5 300	..	..	..
Rizwani	73 228	642 06	6 22 04	98 03 2	067 81	44 6 ××	..	..	..	..
Saffna-e-Arab	73 219	628 06	6 23 11	97 03 1	074 80	54 6 01	5 4 109	8 4 647	0 51 76	1 23 33
Baugigal	73 202	606 06	7 21 14	97 01 2	071 77	75 6 ××	1 6 222	..	0 50 73	1 21 45
Saffna-e-Arab	73 211	619 12	5 23 10	97 02 1	042 80	64 7 38	5 4 606	8 7 376	0 53 79	1 23 33
Elhomaru	73 214	679 12	8 27 16	98 02 2	050 79	80 6 20	3 5 300	..	..	..
Elhomaru	73 206	690 18	2 27 10	97 02 2	065 81	21 6 00	3 5 305	..	..	..
Baugigal	73 224	625 18	6 22 16	98 03 2	045 79	6× 4 ××	1 6 208	..	0 51 73	1 22 ××
Rizwani	73 241	660 18	2 22 04	98 02 1	046 82	21 6 00	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	999 288 272	013 ×× ×××	..	410 192 178	..	100 115 065	373 045 515	828 545 585	543 632 688	967 762	247 975	..	676 222
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	Misda												

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 222 202	824 208 162	800 202 145	350 705 792	250 865 999	150 102 999	092 160 999	074 228 999	074 228 999	..	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT : TdTdTd : Dry Bulb : Dew Point temperatures (in tenths of 9C.
Se-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	20 17	20 15	21 14	22 15	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..
Chinar ..	23 10	22 11	22 10	15 05	14 02	04 05	14 09	14 08	14 10
Chittagong ..	23 09	23 12	23 13	23 10	26 05	29 12	29 12	32 06	31 06
Cox's Bazar ..	27 09	27 08	26 06	26 02	28 03	33 05	..	..	..
Dacca ..	20 09	20 10	21 10	24 11	24 11	29 09	30 08	30 02	02 05
Dalbandin ..	..	..	10 01	04 02	35 03	35 04	02 04	02 05	01 06
D.I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	24 10	23 13	20 12	20 18	..	..
Fort Sandeman ..	..	..	..	23 13	19 02	03 01	32 12	26 09	24 11
Jacobabad ..	19 09	19 09	19 08	23 08	24 07	36 12	07 10	03 05	08 05
Jessore ..	..	..	..	..	..	..	..	..	..
Jhelum ..	17 04	16 03	16 06	04 01	02 05	04 05	25 04	30 06	24 10
Jiwani ..	20 12	15 03	07 01	36 03	01 09	..	..	..	..
Karachi ..	27 15	27 15	30 10	13 03	05 08	07 09	03 18	09 10	..
Khanpur ..	26 11	26 11	27 07	01 06	02 07	02 07	03 07	..	..
Lahore ..	11 04	10 01	25 01	32 03	29 05	21 02	29 08	..	..
Multan ..	24 05	24 04	29 02	33 04	34 08	36 12	34 13	34 08	14 04
Muscat ..	..	..	..	..	..	..	..	..	..
Punjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	33 12	23 04	34 06	19 04	25 06
Sharjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	24 08	33 08	23 09	25 06	26 11	28 15	30 06	27 04	11 05
Veraval ..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	21 20	..	..	..	..	..
Chaklala ..	..	11 07	10 06	33 04	32 06	33 04
Chinar ..	24 20	23 20	21 17	19 10	02 05	..
Chittagong ..	19 09	20 08	22 07	23 07	25 10	..
Cox's Bazar ..	04 01	05 07	07 05	06 06	..	..
Dacca ..	22 02	22 14	21 13	24 10	24 10	24 05
Dalbandin ..	..	..	07 04	11 12	09 17	07 14
D.I. Khan ..	..	..	..	..	..	..
Drosh ..	..	..	..	..	22 03	19 04
Fort Sandeman ..	..	..	..	30 04	25 06	33 16
Jacobabad ..	21 17	21 15	22 11	28 05	01 07	..
Jessore ..	..	..	..	..	..	..
Jhelum ..	16 03	22 08	23 07	27 06	31 08	33 10
Jiwani ..	..	..	..	..	..	..
Karachi ..	27 23	27 17	26 19	..	..	..
Khanpur ..	23 24	25 37	25 32	26 22	30 24	..
Lahore ..	22 04	24 05	29 03	33 07	33 08	01 09
Multan ..	21 26	23 75	23 17	19 07	06 03	31 18
Muscat ..	..	..	..	..	..	..
Punjgur ..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..
Quetta ..	..	..	..	..	16 19	26 09
Sharjah ..	..	..	..	..	..	..
Sylhet ..	19 14	..	..	..	..	..
Veraval ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	20 17	20 17	20 16	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chinar ..	21 05	19 05	16 05	..	..	..	..	..	..	..	..
Chittagong ..	24 14	23 13	23 12	22 09	21 08	27 06	..	..	..	..	..
Cox's Bazar ..	23 06	23 05	20 03	25 03	..	..	..	..	..	..	..
Dacca ..	21 15	21 16	21 15	21 11	24 10	27 08	25 07	03 01	06 03	..	..
Dalbandin ..	..	..	08 09	08 12	06 10	06 13	07 05	11 05	..	..	..
D.I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	22 03	15 03	36 07	35 07	01 07	..	..
Fort Sandeman ..	..	..	..	24 01	02 03	33 07	06 03	22 10	27 19	26 12	26 06
Jacobabad ..	19 10	20 10	19 08	15 04	34 02	24 09	05 15	03 13	32 07	10 03	10 08
Jessore ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	17 04	29 04	30 07	08 08	30 08	29 07	31 09	25 17	24 19	24 19	25 30
Jiwani ..	21 05	19 05	16 05	..	..	..	..	..	..	..	..
Karachi ..	26 07	28 18	28 19	..	..	..	..	..	..	..	..
Khanpur ..	23 15	23 16	23 16	25 13	19 02	36 09	07 12	12 03	15 09	12 04	14 27
Lahore ..	01 01	03 01	01 01	35 04	35 09	35 04	30 07	25 11	24 12	21 17	24 18
Multan ..	21 08	22 08	20 09	20 05	28 05	36 10	07 08	21 04	23 06	19 08	19 23
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Punjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	36 04	34 09	19 08	23 05	10 03	11 11	16 23
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	24 11	24 11	25 11	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 15	27 09	22 12	34	02 07	05 13	08 10	05 13	17 15	10 11	09 15	11 31	12 49	14 45	08 39	09 43	09 33	04 31
Peshawar ..																		
Quetta ..																		

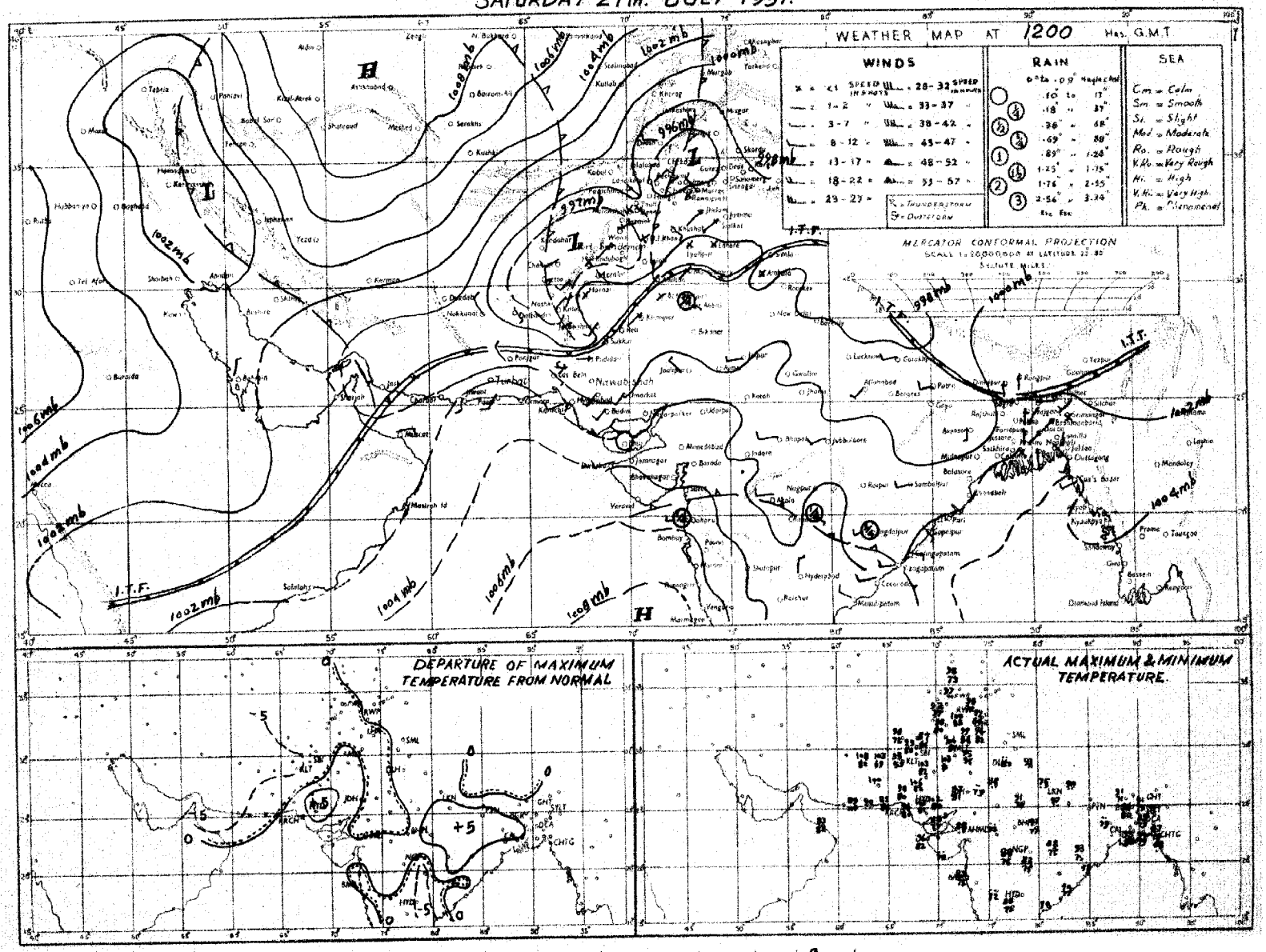
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_fv_f$ etc)

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.

PAKISTAN DAILY WEATHER MAP

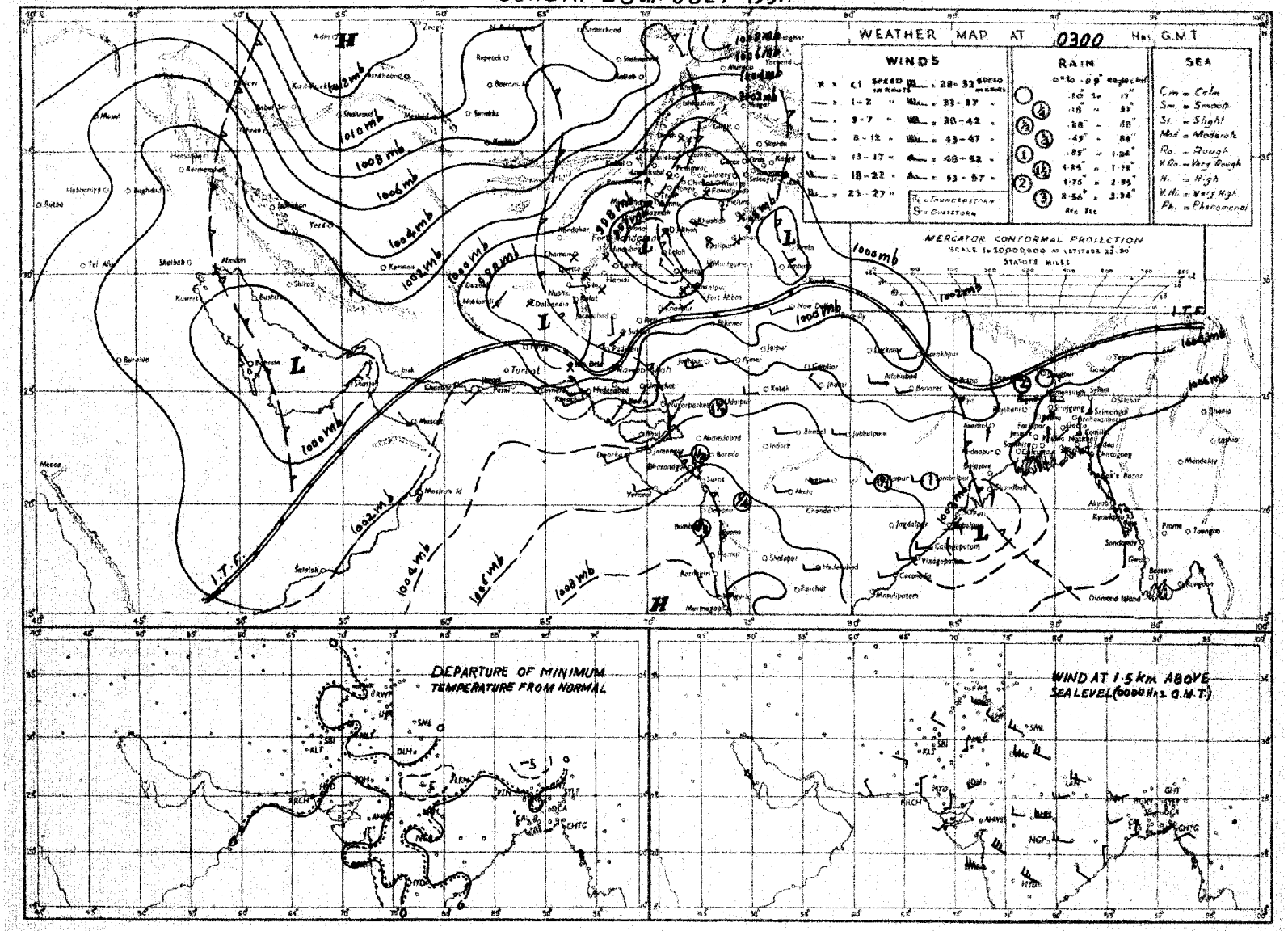
SATURDAY 27th: JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 28th JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

MONDAY, THE 29th JULY, 1957

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

Yesterday's low pressure wave over Kashmir has moved away eastwards.

The axis of monsoon trough continues to lie parallel to the foot of Himalyas. Rainfall has been local in Rajshahi division and scattered in Chittagong division.

Bogra reported ¾" and Dinajpur ¼" of rain.

Day temperatures were 3-5°F above normal in Peshawar, Rawalpindi, Lahore, Multan, D. I. Khan and Hyderabad divisions and East Pakistan.

Forecast valid until the evening of 30th:—Local rain will occur in East Pakistan and scattered thunderstorm/showers in Peshawar division and in Kashmir.

Earthquake Report:—The Geophysical Institute Quetta has recorded an earthquake shock of severe intensity at its origin with its epicentre about 9500 miles west of Quetta at 13 hrs 59 mts. and 20 seconds WPST on 28th July, 1957.

Karachi-11.
The 29th July, 1957.

K. U. SIDDIQI.
for Director. Meteorological Service.

OBSERVATIONS

Divisions.	Station	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	8	6	23	02	96	01	6	030	86	3	3	8	4	1	76	89	000	0	4	20	05	96	03	0	048	87	3	5	7	4	0	79	78	+ 4	+ 2	76.1	+ 11.8	87.0	140
	Chittagong	000	0	3	23	09	96	01	1	022	85	1	0	9	1	1	77	89	000	0	2	16	02	97	01	1	041	85	2	2	6	0	0	79	80	+ 3	+ 3	42.3	+ 0.8	49.7	108
	Maijdee Court	000	9	0	00	00	98	00	0	022	85	0	0	9	0	0	76	90	000	6	6	00	00	96	03	0	045	84	6	0	9	2	0	75	80	+ 4	+ 2	29.3	- 10.7	39.2	115
	Comilla	000	0	4	18	05	99	01	0	015	88	2	1	6	6	0	76	91	000	0	5	18	07	99	03	0	036	86	5	2	7	0	0	78	80	+ 4	+ 3	28.6	- 3.7	50.5	94
	Brahmanbaria	000	0	2	18	02	97	01	2	015	87	1	1	5	0	2	77	90	000	0	3	18	05	97	03	2	035	86	3	4	3	0	0	79	81	—	—	36.5	+ 1.9	44.2	79
	Sylhet	003	4	4	00	00	97	03	6	015	85	2	2	6	5	1	77	89	006	4	6	00	00	96	01	6	035	83	4	4	5	5	0	79	79	—	—	42.4	—	92.8	
	Srimangal	000	0	4	23	02	97	03	1	021	89	3	1	7	0	1	78	92	000	0	3	23	03	97	02	1	038	85	2	1	7	0	2	76	76	+ 2	0	36.3	+ 4.5	63.1	98
Dacca	Mymensingh	000	0	2	00	00	98	01	1	014	98	2	2	4	0	0	77	91	000	0	4	23	02	98	02	1	035	85	4	1	9	0	0	76	80	+ 4	+ 2	33.0	+ 0.3	43.7	91
	Narayanganj	000	9	5	16	03	96	03	2	013	89	1	1	7	0	8	76	91	000	9	6	23	05	96	03	2	036	87	3	4	5	0	8	77	81	+ 3	+ 2	31.5	+ 7.1	47.7	74
	Dacca (Tejgaon)	000	0	3	23	03	98	02	1	009	86	1	1	5	0	1	76	89	000	9	7	23	03	97	02	1	030	86	5	4	4	0	1	79	81	—	—	32.7	—	71.7	
	Faridpur	000	8	2	16	02	96	01	1	010	87	1	4	8	1	0	79	91	000	9	3	20	02	96	03	0	034	87	3	5	8	0	0	78	78	+ 4	- 1	26.3	+ 1.8	38.7	71
	Barisal	000	7	4	18	01	96	01	1	010	87	4	0	8	8	0	79	90	000	0	6	00	00	96	02	2	043	87	6	0	9	6	0	77	81	+ 3	+ 3	32.6	+ 2.4	39.7	81
Rajshahi	Khulna	000	0	6	18	02	97	03	1	004	90	4	5	7	3	0	79	95	000	0	5	18	02	97	01	1	035	82	5	5	7	0	0	81	81	+ 8	+ 3	27.1	+ 1.1	34.9	68
	Satkhira	000	0	4	00	00	99	01	1	010	99	3	5	7	9	0	75	93	000	1	4	23	02	99	01	0	032	85	3	5	7	9	0	79	79	+ 5	+ 1	18.7	+ 6.2	24.5	65
	Jessore	000	0	4	18	02	97	02	1	014	90	2	8	6	6	0	80	91	000	0	6	18	07	97	03	2	030	84	4	8	6	6	0	78	79	—	—	28.1	+ 5.4	31.4	65
	Sirajganj	000	0	3	18	02	97	02	0	001	83	2	1	6	0	0	78	89	000	0	8	23	02	96	02	2	018	85	8	1	7	×	×	76	80	+ 2	+ 1	40.1	+ 16.9	51.0	64
	Bogra	000	0	0	13	02	96	00	0	010	90	0	0	9	0	0	77	91	085	9	0	23	02	97	02	6	022	84	0	0	9	0	0	78	76	+ 2	- 3	41.6	+ 16.7	49.0	69
	Dinajpur	022	1	7	00	00	96	66	2	005	81	4	7	7	0	9	78	88	022	2	6	00	00	96	02	6	023	84	5	1	7	2	0	78	76	- 2	- 3	28.9	+ 0.7	31.3	72
	Rangpur	008	6	4	18	02	96	01	6	×××	83	2	5	6	2	0	80	86	008	0	7	23	02	96	03	5	×××	84	6	5	6	2	0	80	77	- 4	- 1	30.8	- 2.1	39.7	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	97	01	0	955	00	1	2	7	0	0	73	00	000	0	0	13	05	96	02	0	966	89	0	0	9	0	0	79	85	+ 1	+ 6	5.5	- 1.3	14.1	39
	Sialkot	000	0	2	31	02	98	02	1	940	00	2	1	6	0	0	79	01	000	6	3	05	03	97	02	1	958	87	0	0	9	3	2	79	85	+ 5	+ 6	7.6	- 2.6	30.8	32
Rawalpindi	Jhelum	000	6	3	23	02	98	02	0	937	02	3	2	7	0	0	72	04	000	0	0	13	02	97	02	0	958	93	0	0	9	0	0	79	85	—	—	3.4	—	11.4	
	Rawalpindi	000	0	3	23	02	99	01	1	972	99	3	1	7	0	0	65	02	000	0	0	00	00	99	00	0	962	92	0	0	9	0	0	80	81	+ 6	+ 4	4.5	- 5.3	20.5	26
	Khushab	000	0	1	20	03	98	03	0	941	03	1	2	6	0	0	69	05	000	0	0	20	02	98	00	0	957	92	0	0	9	0	0	75	85	+ 3	+ 3	4.0	- 1.0	12.8	15
Multan	Lyallpur	000	0	6	16	02	96	02	0	952	03	6	0	9	4	0	74	04	000	0	0	20	03	96	00	0	954	89	0	0	9	0	0	73	85	+ 3	+ 3	3.4	- 0.5	9.5	12
	Montgomery	000	0	0	23	02	96	02	0	954	03	0	0	9	0	0	71	04	000	0	0	23	02	96	00	0	953	88	0	0	9	0	0	73	84	+ 1	+ 1	0.2	- 3.0	4.8	10
	Multan	000	0	0	23	03	96	00	0	957	03	0	0	9	0	0	77	06	000	0	0	23	03	96	00	0	948	88	0	0	9	0	0	77	83	+ 5	- 2	0.7	- 1.6	4.1	2
Bahawalpur	Lejah																																								8
	Khanpur	000	0	2	23	03	96	01	1	940	03	0	0	9	0	8	71	04	000	0	1	20	07	96	01	1	981	87	0	0	9	0	6	75	82	+ 1	- 1	0	- 2.4	1.0	6
	Bahawalpur	000	0	2	00	00	98	03	0	953	03	0	0	9	0	2	77	05	000	0	2	20	03	97	02	3	974	89	0	0	9	2	0	76	87	+ 4	+ 4	1.0	- 1.4	2.3	6
	Sort Abbas	000	0	3	23	03	97	03	0	965	01	3	1	6	0	0	68	94																		—	—				8
Peshawar	Chakdara	000	0	3	00	00	98	03	1	907	96	1	2	7	2	0	73	97	000	0	2	××	××	98	03	0	×××	85	2	2	7	0	0	70	65	—	—	1.9	—	16.7	
	Peshawar	000	0	1	05	05	98	01	0	924	00	1	1	6	3	0	65	01	000	0	1	00	00	98	03	0	969	91	1	0	9	3	0	69	83	0	+ 3	1.5	+ 0.1	12.6	14
	Haripur	000	9	1	13	02	97	01	0	922	01	0	0	9	0	3	73	03	000	9	1	23	02	97	01	0	985	91	0	0	9	0	3	75	85	—	—	2.5	—	16.6	
	Campbellpur	000	0	0	00	00	98	00	0	004	01	0	0	9	0	0	85	01	000	0	0	09	02	98	00	0	953	89	0	0	9	0	0	77	85	—	—	2.0	—	17.4	
D.I. Khan	Bannu	000	0	0	20	03	99	00	0	939	00	0	0	9	0	0	73	00	000	0	0	23	02	99	00	0	951	91	0	0	9	0	0	74	82	—	—	1.5	—	8.6	11
	D.I. Khan	000	0	0	00	00	98	00	0	950	03	0	0	9	0	0	79	04	000	0	0	00	00	98	00	0	946	90	0	0	9	0	0	79	83	—	—	1.9	- 0.8	7.5	10
Quetta	Sibi	000	0	0	00	00	99	00	0	943	08	0	0	9	0	0	64	09	000	0	0	00	00	99	00	0	972	91	0	0	9	0	0	72	91	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	34	02	99	02	0	941	06	0	0	9	0	0	44	07	000	0	0	34	05	99	02	0	986	87	0	0	9	0	0	57	85	—	—	0	—	1.9	2
	Turbat	000	0	0	29	03	98	00	0	999	03	0	0	9	0	0	79	05	000	0	0	23	02	98	02	0	002	91	0	0	9	0	0	76	83	—	—	2.5	—	5.9	
	Jiwani	000	0	2	18	10	96	02	1	004	85	2	6	5	0	0	73	××	000	0	7	23	08	96	02	2	027	82	7	6	5	0	0	78	80	—	—	0	—	3.1	4
	Pasni	000	0	0	25	14	96	00	0	008	88	0	0	9	0	0	73	80	000	0	7	25	05	96	02	0	039	83	7	5	7	0	0	73	80	- 1	+ 2	0	—	6.2	6
	Ormara	000	0	0	××	××	98	00	0	015	88	0	0	9	0	0	83	89	000	0	5	××	××	98	02	1	042	83	5	4	5	0	0	80	81	—	—	0	- 0.7	3.8	6
	Las Bela	000	0	0	00	00	98	00	0	994	98	0	0	9	0	0	78	02	000	0	0	00	00	98	00	0	038	83	0	0	9	0	0	76	81	—	—	1.5	—	2.6	8
Karachi, Federal Areas & Hyderabad	Karachi (Manora)	000	0	4	25	12	97	01	0	000	89	0	0	9	2	1	85	90	002	6	4	29	07	96	20	5	011	02	3	0	9	7	1	81	79	+ 3	- 1	0.5	- 3.3	0.9	8
	Karachi (Air port)	000	0	4	25	12	97	03	1	004	88	4	5	6	0	0	74	92	000	4	3	27	12	96	01	2	012	84	2	1	5	0	1	75	80	—	—	0.7	—	1.1	
	Badin	000	0	0	23	02	97	00	0	014	94	0	0	9	0	0	74	99	000	0	0	23	02	96	00	0	028	85	0	0	9	0	0	78	××	+ 6	—	0	- 4.0	0	
	Nagarparker																																								
	Umarkot	000	0	0	23	03	97	00	0	989	99	0	0	9	0	0	81	00	000	0	0	23	03	97	05	0	997	86	0	0	9	0	0	79	79	—	—	2.8	—	2.8	7
Khairpur	Hyderabad	000	0	1	20	12	95	07	0	988	96	1	5	6	0	0	70	01	000	0	3	20	12	95	07	0	998	85	3	6	6	0	0	75	81	+ 4	+ 1	0.2	- 3.0	2.0	
	Pad-i-dan	000	0	1	18	05	98	03	1	965	06	1	1	7	0	0	61	07	000	0	2	13	05	98	02	0	973	87	0	0	9	0	2	71	81	—	—	0	—	1.2	
	Nawabshah																		000	0	2	18	05	97	01	0	981	88	0	0	9	0	1	73	82	—	—	0.1	—	0.6	4
	Sukkur	000	0	0	18	03	96	00	0	957	04	0	0	9	0	0	78	05	000	3	1	11	05	96	01	0	974	85	0	0	9	0	3	74	81	—	—	0.1	—	2.9	
	Rati																																								4
	Jacobabad	000	0	0	13	05	96	02	0	958	05	0	0	9	0	0	69	06	000	0	2	18	03	96	03	0	983	87	0	0	9	0	1	74	84	- 1	0	0	- 1.2	3.5	
unagarh Afghanistan	Veraval																																								20
	Jalalabad																																								
Arabia	Muscat	000	0	0	09	05	99	00	0	993	85	0	0	9	0	0	78	90	000	0	0	09	02	99	00	0	011	83	0	0	9	0	0	79	82	- 2	- 4	0	- 0.1	6.9	4
	Kuwait																																								
	HILL STATIONS																																								26
Kashmir	Srinagar *																																								71
	Gulmerg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								
	Skardu *																																								
	Misgar **																																								5
	Allahad *																																								59
	Gilgit *																																								18
Rawalpindi	Murree *	000	9	4	29	03	98	01	1	414	77	4	3	4	0	0	62	77	000	9	5	27	03	98	02	1	421	69	5	1	4	0	0	64	62	—	—	10.4	- 5.1	44.3	23.0
Peshawar	Drosh *	000	0	2	23	07	96	03	0	436	97	2	2	7	0	0	44	00	000	0	2	00	00	96	03	0	419	84	2	2	7	0	0	59	72	+ 3	- 1	0.9	—	2.3.0	29
	Chitral *	000	0	1	18	03	97	01	0	411	90	0	0	9	0	2	64	92	000	0	0	27	05	97	00	0	419	79	0	0	9	0	0	63	76	+ 4	+ 5	3.2	- 1.5	32.7	
D.I. Khan	Kakul *	000	7	4	25	03	99	03	1	415	88	4	2	7	0	0	64	90	000	4	5	13	02	97	03	1	421	82	4	4	7	7	0	65	75	—	—	5.7	—	15.0	
	Landi Kotal *	000	0	0	26	02	97	00	0	404	95	0	0	9	0	0	62	99	000	0	0	00	00	98	00	0	417	87	0	0	9	0	0	75	75	—	—	0.7	—	24.3	29
	Parachinar *	000	0	0	13	02	99	00	0	796	84	0	0	9	0	0	62	××	000	0	0	00	00	99	00	0	794	71	0	0	9	0	0	51	××	×	×	5.2	—	14.2	13
	Miranshah *	000	0	0	05	02	99	00	0	447	95	0	0	9	0	0	91	97	000	0	0	00	00	99	00	0	450	88	0	0	9	0	0	81	80	—	—	2.0	- 0.3		
	Wana *	000	0	0	13	02	99	00	0	399	××	0	0	9	0	0	61	××																							11
Quetta	Pore Sandeman*	000	0	2	23	02	96	01	0	405	00	2	1	6	0	0	36	01	000	0	0	00	00	96	00	0	426	82	0	0	9	0	0	58	72	+ 2	+ 6	1.7	- 0.9	12.3	
	Hindubagh *	000	0	2	23	02	96	00	0	394	95	0	0	9	0	0	43	97	000	0	0	00	01	98	00	0	426	80	0	0	9	0	0	53	70	—	—	0	—	22.5	
	Loralai *	000	0	0	18	05	98	00	0	446	91	0	0	9	0	0	76	92	000	0	0	31	02	98	00	0	443	78	0	0	9	0	0	40	66	—	—	1.7	—	13.8	14
	Harnai *	000	0	0	13	01	98	00	0	×××	××	0	0	9	0	××	××	××	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	×	×	1.5	- 2.1	9.5	9
	Quetta *	000	0	1	31	03	98	02	0	409	95	1	1	7	0	0	59	96	000	0	2	18	02	96	03	0	419	74	0	0	9	0	0	60	60	—	—	0	- 0.6	8.5	8
Kalat	Chaman *	000	0	0	25	02	99	00	0	422	00	0	0	9	0	0	89	01	000	0	0	00	00	97	00	0	449	92	0	0	9	0	0	59	75	+ 1	0	0	- 0.1	10.3	7
	Kalat *	000	0	0	34	03	98	00	0	411	89	0	0	9	0	0	35	91	000	0	0	18	03	98	00	0	437	75	0	0	9	0	0	35	57	0	- 4	0	- 0.8	8.4	
	Mastuj *	000	0	0	31	12	96	00	0	507	06	0	0	9	0	0	61	07	000	0	0	05	04	97	00	0	518	84	0	0	9	0	0	59	82	—	—	0	—	8.0	
Afghan Frontier	Dalbandin *	000	3	2	09	03	96	03	1	429	07	2	0	9	3	0	33	07	000	9	4	00	00	96	03	1	418	82	0	0	9	0	4	38	72	- 2	- 6	0	—	4.4	4
	Panjgur *	000	8	0	23	03	98	00	0	434	00	0	0	9	0	××	41	91	000	0	0	23	03	98	00	0	431	76	0	0	9	0	0	47	73	- 2	- 4	0	—	—	5
	Kabul *	000	8	0	18	03	99	00	0	471	88	0	0	9	0	0	66	92	000	0	0	36	02	99	00	0	506	66	0	0	9	0	0	56	58	—	—	—	—	—	12
	Kandahar *																																								

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

MONDAY, THE 29th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh\,C_MC_H$	D_sV_s a PP	8 N_s Ch_sh_s	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Salatiga	13 189	617 06	8 24 20	96 02 2	047 81	87 3 ××	7 5 106	..	0 50 75	1 25 44
Daressa	13 216	691 06	3 19 05	98 01 0	051 84	32 6 00	3 5 400	..	0 02 84	1 19 21
Yohomaru	13 221	620 12	7 19 10	96 02 2	025 82	74 5 00	3 5 400	..	0 04 75	
Salatiga	13 204	609 12	8 22 19	97 02 2	018 79	67 3 ××	8 5 718	..	0 50 73	1 22 44
Yohomaru	13 216	628 18	8 19 10	96 02 2	040 81	85 4 ××	3 5 210	..	0 00 75	..
Rizwani	13 244	665 18	3 23 04	98 02 2	026 82	31 6 00	..	..		
Daressa	13 211	710 18	5 20 11	98 01 0	060 82	51 4 00	3 5 400	..	0 52 79	1 20 ××
BAY OF BENGAL										
Alsayyada	13 187	896 06	3 21 09	99 03 2	982 86	21 5 40	5 4 ×××	..	0 02 77	1 21 32
Sirdhana	13 210	911 12	4 23 09	98 02 1	027 84	31 5 50	5 5 303	..	0 52 75	1 23 21
Sirdhana	13 222	900 18	2 22 09	98 02 0	051 82	11 6 40	5 5 110	..	0 52 77	1 22 21
Alsayyada	13 172	885 18	1 21 09	99 01 1	040 83	11 4 00	5 4 000	..	0 51 78	1 21 32

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb HHH TTT $T_dT_dT_d$	850 mb HHH TTT $T_dT_dT_d$	800 mb HHH TTT $T_dT_dT_d$	700 mb HHH TTT $T_dT_dT_d$	600 mb HHH TTT $T_dT_dT_d$	500 mb HHH TTT $T_dT_dT_d$	400 mb HHH TTT $T_dT_dT_d$	300 mb HHHTTT	200 mb HHHTTT	150 mb HHHTTT	100 mb HHHTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	997 275 265	..	..	450 185 182	..	111 158 095	401 072 028	871 542 572	606 622 672	752 758	543 975	..	818 255
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	825 205 125	Misda.											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 218 212	824 198 182	800 198 172	760 198 148	496 545 575	350 678 715	250 885 999	150 120 999	075 278 999	075 278 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. → / STATION	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
	2	3	4	5	6	7	8	9	10
Bogra ..	18 14	19 15	20 15	..	..	..	..	..	..
Chaklala ..									
Chhor ..	21 06	22 17	22 15	19 16	19 09	15 05	06 07	03 08	06 09
Chittagong ..	22 05	22 07	21 06	19 04	22 02	32 08	29 04	12 01	11 04
Cox's Bazar ..	25 07	25 05	25 03	09 03	01 04	35 03	28 08	10 09	10 12
Dacca ..	20 07	21 10	22 12	25 07	28 04	27 09	28 05	22 02	06 04
Dalbandin ..	..	..	13 05	12 09	10 07	04 06	05 01	08 02	10 05
D. I. Khan ..	..		..	23 15	23 14	21 10	06 02	34 12	34 10
Drosh ..	..	..	..	26 01	17 05	20 05	29 10	29 20	26 18
Fort Sandeman ..	18 04	20 03	18 04	11 04	05 08	08 07	29 04	35 04	03 07
Jacobabad ..									
Jessore ..	22 07	22 06	22 08	25 07	29 09	31 07	32 17	30 16	26 23
Jhelum ..	17 10	16 08	09 06	04 05	02 11	36 13			
Jiwani ..	24 25	24 19	24 15	29 08	34 08	04 09	11 11	09 10	09 10
Karachi ..	25 10	25 10	24 09	22 15	17 07	02 10	01 05	32 05	32 07
Khanpur ..	03 01	24 01	23 01	29 06	33 09	33 09	32 09	29 11	26 13
Lahore ..	20 13	21 14	21 10	24 08	04 01	34 08	32 07	31 08	27 08
Multan ..									
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	04 18	08 13	14 11	18 19	24 15	30 13	30 20	31 19
Peshawar ..	..	..		..	31 07	27 06	13 03	32 07	26 06
Quetta ..									
Sharjah ..									
Sylhet ..	26 03	23 07	23 10	25 12	27 11	28 12	28 04	35 03	08 04
Veraval ..									

Height in Kms a.s.l. → / STATION	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
	11	12	13	14	15	16
Bogra ..	18 10	..	..	..	..	..
Chaklala ..		..	..	..	..	..
Chhor ..	23 17					
Chittagong ..	20 08	20 09	20 07	18 06		
Cox's Bazar ..	21 06	22 06	21 06	16 05	19 05	10 02
Dacca ..	22 14	21 16	19 13	19 08	23 07	29 04
Dalbandin ..	..	..	15 03	35 09	01 04	19 02
D. I. Khan ..	..	..	..			
Drosh ..	..	..	..	..		
Fort Sandeman ..				24 04	23 05	30 27
Jacobabad ..	19 34	22 12	21 11	32 03	28 04	32 08
Jessore ..						
Jhelum ..	13 06	13 10	06 08	31 09	31 10	32 11
Jiwani ..	20 07	17 06	..	..	..	..
Karachi ..	27 20					
Khanpur ..	21 16	22 25	22 24	25 18	27 13	..
Lahore ..	24 17	25 28	26 13	28 08	02 03	01 07
Multan ..	21 27	22 47	22 46	..	..	
Muscat ..	..	..	..			
Panjgur ..	..					
Peshawar ..	..	34 20	33 07	31 03	31 08	32 08
Quetta ..	..	..	..	..	30 02	34 04
Sharjah ..						
Sylhet ..	20 03	21 05	..	..	..	..
Veraval ..				..	..	..

Height in Kms a.s.l. → / STATION	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	..	..	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..							..	..	..	..	..
Chittagong ..	19 09	17 08	18 07	18 08	23 05	23 03					
Cox's Bazar ..	20 17	20 15	19 13	17 12	18 08	10 01	10 08	07 15	09 16	10 32	..
Dacca ..	21 08	20 10	20 10	20 07	28 05	23 07	22 03	22 05	23 07		
Dalbandin ..	..	..	23 03	03 04	27 03	24 06	21 12	23 07	17 08	11 04	11 16
D. I. Khan ..	..	..	..	..	30 01	19 04	19 08	20 08	19 09	29 10	25 19
Drosh ..	..	..		22 01	31 06	28 12	23 16	27 17	27 12	23 17	..
Fort Sandeman ..			25 02	34 07	20 08	05 06	16 01	16 09	13 12	16 15	13 29
Jacobabad ..	18 06	20 03									
Jessore ..											
Jhelum ..	16 03	14 04	14 03	29 05	31 06	31 14	32 14	34 18	32 11	29 10	27 25
Jiwani ..	20 06	25 03	..	..	..	..	..	..	..	..	..
Karachi ..	26 28	27 15	..								
Khanpur ..	21 10	21 10	22 10	26 06	28 09	34 02	02 02	28 11	28 07	16 08	10 10
Lahore ..	25 05	37 07	26 05	26 03	23 04	30 10	31 13	28 17	29 17	25 08	27 09
Multan ..	21 13	21 19	20 15	19 07	17 06	28 06	31 06	27 15	29 17	29 14	13 09
Muscat ..					..		..	..			..
Panjgur ..	..				27 09	28 14	24 07	26 22	26 27	26 21	26 27
Peshawar ..	..	04 10	01 06	36 03	32 05	31 14	23 12	26 10	26 06	19 04	19 13
Quetta ..	..	..	..	..							
Sharjah ..					..		..	..			
Sylhet ..	20 04	20 09	21 11	22 13	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..		..			..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 27	27 19	27 12	27 17	33 10	02 06	06 14	06 15	11 16	12 12	12 27	10 21	12 62	12 66	12 66	12 61	12 51	12 54
Peshawar ..																		
Quetta ..																		

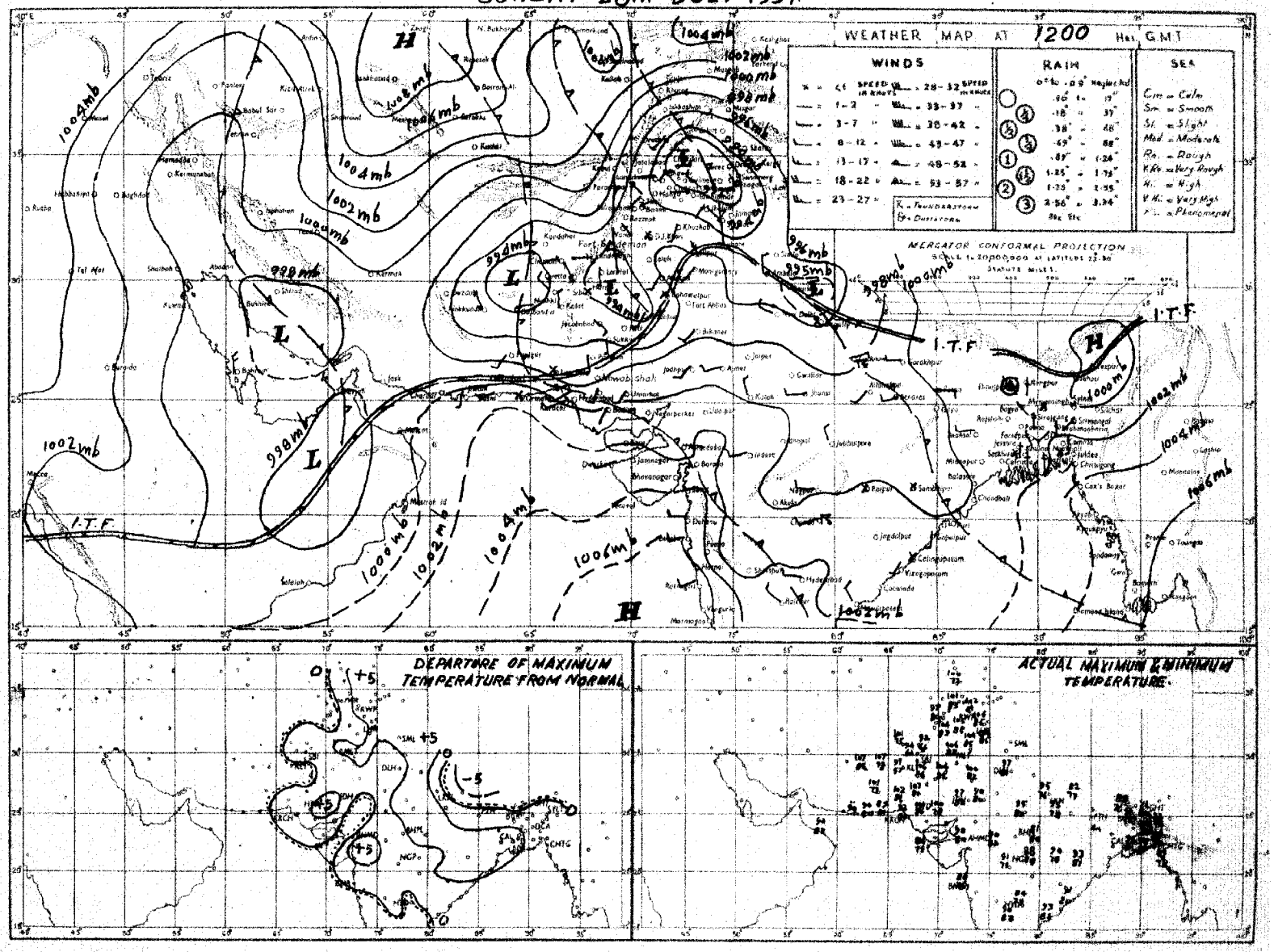
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

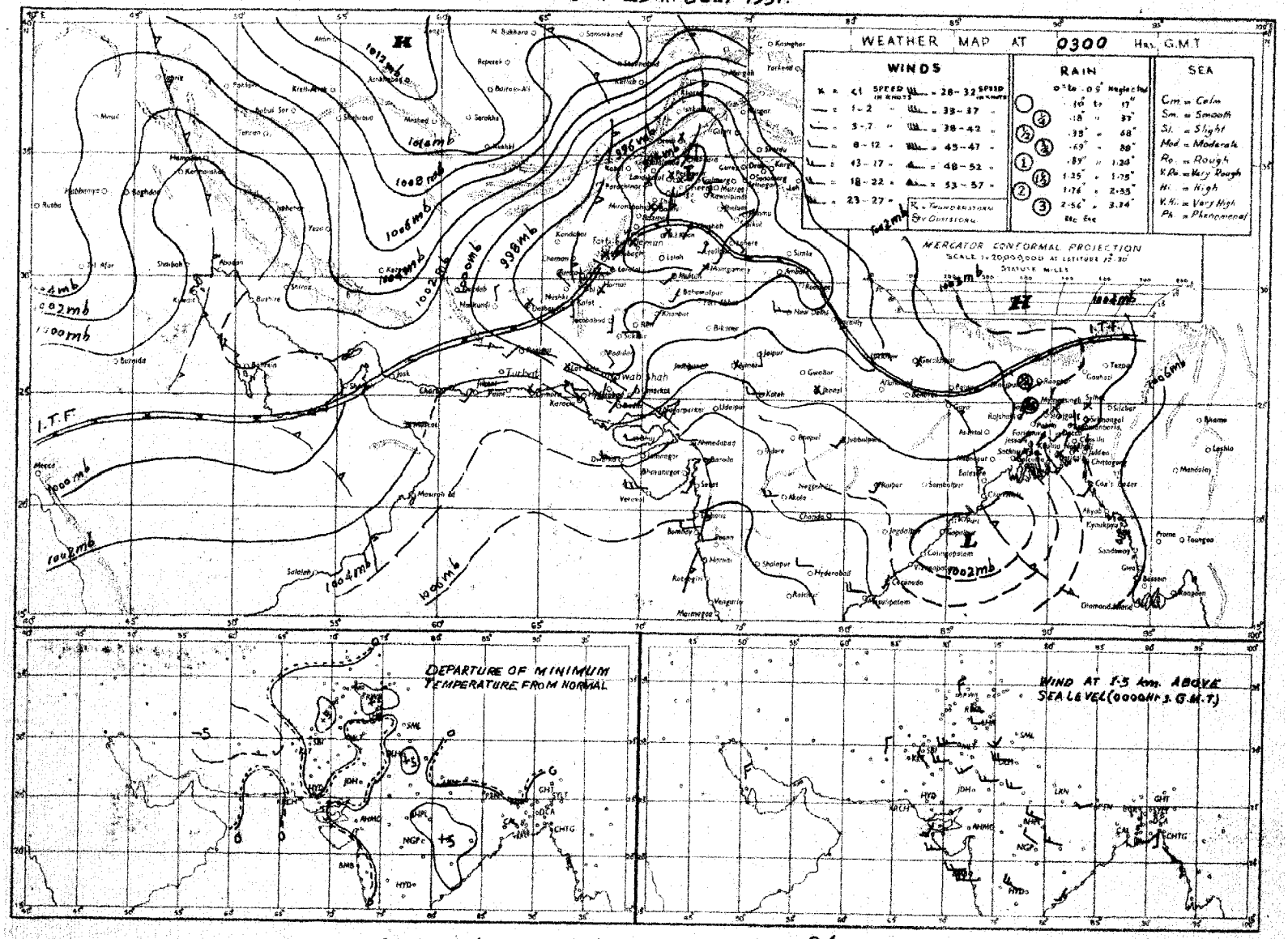
SUNDAY 28th: JULY 1957



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

PAKISTAN DAILY WEATHER MAP

MONDAY 29th: JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

TUESDAY, THE 30th JULY, 1957

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

The axis of monsoon trough continues to run parallel to the foot of the Himalyas.

Scattered rain has been reported from Rajshahi division and thunderstorm from Bahawalpur division.

Rangpur recorded 1½" rain.

Day temperatures were 3-8°F above normal in Peshawar, Rawalpindi, D. I. Khan and Lahore divisions and in East Pakistan.

Forecast valid until the evening of 31st:—Scattered rain is likely to fall in East Pakistan. Weather will remain dry over West Pakistan.

Karachi-11.
The 30th July, 1957.

ABDUL MAJID KHAN.
for Director Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS	STATION	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature° TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar ..	000	0	5	20	03	96	02	0	026	85	3	1	7	0	9	76	88
	Chittagong ..	000	0	4	25	05	96	02	1	015	85	2	4	7	2	0	76	88
	Maijdee Court ..	000	9	0	00	00	98	00	0	014	86	0	0	9	0	0	76	90
	Comilla ..	000	0	2	18	05	99	03	0	010	88	2	4	7	0	0	78	91
	Brahmanbaria ..	000	0	4	00	00	97	03	2	008	87	2	4	5	0	5	79	90
	Sylhet ..	006	6	7	36	02	97	02	6	012	83	3	4	6	0	1	77	87
	Srimangal ..	008	2	6	00	00	97	02	6	009	82	6	4	6	0	0	79	93
Dacca	Mymensingh ..	000	0	6	00	00	98	02	1	005	88	0	0	9	0	8	77	91
	Narayanganj ..	000	9	7	18	03	95	03	2	005	89	1	1	7	0	8	75	91
	Dacca (Tezgaon) ..	000	9	6	18	02	98	02	0	000	87	1	2	5	0	6	77	90
	Faridpur ..	000	0	6	18	02	96	02	2	994	87	2	4	8	1	0	79	91
	Barisal ..	000	0	4	18	01	96	02	2	007	88	6	0	9	4	0	77	91
Rajshahi	Khulna ..	000	0	5	13	02	97	01	1	997	88	3	5	7	3	0	80	94
	Satkhira ..	000	0	2	20	02	96	01	0	000	89	0	0	9	9	0	78	94
	Jessore ..	000	0	6	18	02	97	03	2	010	91	4	8	6	6	0	80	92
	Sirajganj ..	000	0	6	18	01	96	00	0	991	87	0	0	9	0	1	79	90
	Bogra ..	000	0	6	18	02	96	02	1	997	88	4	4	6	6	0	80	90
	Dinajpur ..	000	2	8	00	00	56	02	2	990	81	8	4	7	×	×	78	89
	Rangpur ..	162	3	7	18	02	96	01	8	×××	79	6	5	6	2	×	78	89
Kashmir	Jammu ..																	
Lahore	Lahore (Jail Rd.)	000	0	1	23	03	96	02	0	942	01	0	0	9	0	9	72	02
	Sialkot	000	9	7	31	03	97	03	2	936	00	5	7	6	3	0	79	03
Rawalpindi	Jhelum ..	000	5	3	23	03	97	03	1	922	05	3	2	6	0	0	71	06
	Rawalpindi ..	000	0	0	00	00	99	00	1	909	04	0	0	9	0	0	68	05
	Khushab ..	000	0	0	20	08	97	00	0	929	03	0	0	9	0	0	68	07
Multan	Lyallpur ..	000	0	0	16	03	96	00	0	975	02	0	0	9	0	0	71	03
	Montgomery ..	000	0	0	23	03	96	02	0	948	03	0	0	9	0	0	71	03
	Multan ..	000	0	0	31	03	96	00	0	938	01	0	0	9	0	0	70	03
Bahawalpur	Leiah ..																	
	Khanpur ..	000	0	1	23	05	96	01	1	939	06	0	0	9	0	6	72	06
	Bahawalpur ..	000	0	4	23	03	97	02	9	943	02	0	0	9	0	1	73	05
	Fort Abbas ..	000	0	7	23	05	97	03	0	939	02	7	1	6	0	0	66	04
Peshawar	Chakdara ..	000	0	1	××	××	98	03	1	889	97	1	2	7	0	0	74	00
	Peshawar ..	000	0	2	23	08	98	02	0	911	03	1	1	6	3	0	56	06
	Haripur ..	000	9	0	31	02	97	02	0	900	05	0	0	9	0	0	63	07
	Campbellpur ..	000	0	0	23	02	98	00	0	702	05	0	0	9	0	0	85	05
D.I. Khan	Bannu ..	000	0	0	13	02	99	00	0	918	03	0	0	9	0	0	67	04
	D.I. Khan ..	000	0	0	00	00	98	00	0	921	03	0	0	9	0	0	79	06
Quetta	Sibi ..	000	0	0	00	00	99	00	0	932	07	0	0	9	0	0	67	08
Kalat	Nokkundi ..	000	0	0	34	05	97	02	0	941	04	0	0	9	0	0	57	06
	Turbat ..	000	0	0	23	02	97	00	0	996	01	0	0	9	0	0	84	04
	Jiwani ..	000	0	7	18	07	97	03	2	006	85	7	6	5	0	0	73	87
	Pasni ..	000	0	0	23	16	96	00	0	013	87	0	0	9	0	0	75	90
	Ormara ..	000	0	0	××	××	98	00	0	015	88	0	0	9	0	0	83	89
	Las Bela ..	000	0	0	12	04	98	00	0	984	97	0	0	9	0	0	81	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	14	97	01	1	993	88	0	0	9	5	1	83	90
	Karachi (Air port)	000	0	6	25	12	97	03	2	992	88	6	6	5	0	0	73	92
	Badin ..	000	0	8	23	02	97	20	3	993	92	0	0	9	0	0	71	95
	Nagarparker ..																	
	Umarkot ..	000	0	0	23	03	97	00	0	963	99	0	0	9	0	0	80	01
	Hyderabad ..	000	0	8	20	12	95	07	2	978	93	1	5	6	7	5	71	98
Khairpur	Pad-i-dan ..	000	0	2	13	05	98	02	1	943	07	0	0	9	0	2	65	08
	Nawabshah ..	000	0	4	18	07	97	03	0	958	03	0	0	9	0	3	71	05
	Sukkur ..	000	8	6	25	02	96	03	2	936	06	0	0	9	0	8	73	06
	Reti ..																	
	Jacobabad ..	000	0	3	13	07	97	03	0	937	04	0	0	9	0	1	71	06
Junagarh	Veraval																	
Afghanistan	Jalalabad ..																	
Arabia	Muscat ..	000	0	0	09	05	99	00	0	996	85	0	0	9	0	0	76	86
	Kuwait ..																	
	HILL STATIONS																	
Kashmir	Srinagar * ..																	
	Gulmarg ** ..																	
	Sonamarg ** ..																	
	Dras ** ..																	
	Leh ** ..																	
	Skardu * ..																	
Rawalpindi	Misgar ** ..	000	0	0	00	00	98	00	0	067	74	0	0	9	0	0	30	80
	Aliabad * ..																	
	Gilgit * ..																	
	Murree * ..	000	9	5	25	05	98	02	1	406	76	5	3	3	0	0	61	78
Peshawar	Drosh * ..	000	0	4	23	09	96	02	0	374	95	4	5	7	0	0	50	00
	Cherat * ..	000	2	2	18	03	98	03	0	412	95	0	0	9	0	3	58	96
	Kakul * ..	000	7	3	20	05	99	01	1	406	90	3	2	7	0	0	65	92
D.I. Khan	Landi Kotal * ..	000	0	0	31	02	97	00	0	398	89	0	0	9	0	0	29	00
	Parachinar * ..	000	0	0	13	02	99	00	0	796	88	0	0	9	0	0	57	××
	Miranshah * ..	000	0	0	00	00	99	00	0	435	96	0	0	9	0	0	92	98
	Wana * ..																	
Quetta	Fort Sandeman *	000	0	2	23	02	96	03	0	395	02	2	2	6	0	0	31	03
	Hindubagh * ..	000	0	0	27	09	98	00	0	391	95	0	0	9	0	0	43	97
	Loralai * ..	000	0	3	16	05	98	02	1	469	92	3	0	9	3	0	55	94
	Harnai * ..	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta * ..	000	0	1	31	03	97	01	0	390	93	0	0	9	5	0	46	95
Kalat	Chaman * ..	000	0	0	29	04	98	00	0	418	00	0	0	9	0	0	84	01
	Kalat * ..	000	0	0	31	05	98	00	0	408	87	0	0	9	0	0	39	91
	Nushki * ..	000	0	0	18	06	96	00	0	475	84	0	0	9	0	0	37	07
	Dalbandin * ..	000	9	1	25	05	96	01	0	418	88	0	0	9	0	1	41	08
Afghanistan	Panjgur * ..	000	0	0	31	02	98	00	0	434	01	8	0	9	0	0	28	01
	Kabul * ..	000	0	0	00	00	99	00	0	473	84	0	0	9	0	0	63	89
	Kandahar * ..																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS	STATION	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature °F TnTn	Departure from Normal of Maximum Temperature TxTx	Departure from Normal of Minimum Temperature TnTn	Rainfall Since 1st June 1957 to date	Rainfall Departure from normal	Rainfall Since 1st January 1957 to date	Rainfall Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar ..	000	7	6	20	09	96	02	6	049	85	4	5	7	4	9	78	79	+ 3	+ 3	76.1	+ 10.6	87.0	140
	Chittagong ..	000	0	6	16	05	97	02	2	041	85	4	4	7	2	0	79	80	+ 2	+ 3	42.3	− 1.5	49.7	108
	Maijdee Court ..	000	9	5	00	00	96	03	1	043	85	2	1	5	2	×	78	80	+ 4	+ 2	29.3	− 13.8	39.2	115
	Comilla ..	000	0	5	00	00	99	03	0	042	85	5	1	7	0	0	79	78	+ 4	+ 1	28.6	− 5.4	50.5	94
	Brahmanbaria ..	000	0	4	23	03	97	03	2	044	86	4	4	5	0	0	77	79	—	—	26.5	− 1.0	44.2	78
	Sylhet ..	006	0	6	00	00	96	01	2	042	84	6	5	6	0	0	79	79	—	—	42.4	—	92.9	..
	Srimangal ..	008	0	4	23	03	97	02	1	044	85	4	1	7	0	0	78	76	+ 3	0	36.4	− 4.1	63.2	98
Dacca	Mymensingh ..	000	0	6	09	02	98	02	1	043	85	6	4	6	0	0	78	80	+ 4	+ 2	33.0	− 0.1	43.7	91
	Narayanganj ..	000	9	7	18	02	96	03	2	039	88	5	4	6	0	8	78	82	+ 3	+ 3	31.5	+ 6.6	47.7	74
	Dacca (Tezgaon) ..	000	3	6	23	05	98	02	2	036	87	5	8	5	0	1	79	80	—	—	32.7	—	71.7	..
	Faridpur ..	000	9	7	18	02	96	03	0	036	87	3	5	8	1	0	79	79	+ 4	0	26.3	+ 1.3	38.2	71
	Barisal ..	000	0	4	00	00	96	03	2	036	87	6	4	9	3	0	79	82	+ 4	+ 4	32.6	+ 1.8	39.7	81
Rajshahi	Khulna ..	000	0	5	18	05	97	03	1	034	86	5	5	6	0	0	81	81	+ 7	+ 3	27.6	+ 0.6	34.9	68
	Satkhira ..	000	0	5	23	02	99	03	1	032	88	4	5	9	6	0	78	80	+ 6	+ 2	18.7	− 6.6	24.5	65
	Jessore ..	000	0	8	18	05	97	03	2	035	86	5	4	6	6	×	81	80	—	—	28.1	+ 4.0	32.7	65
	Sirajganj ..	000	0	8	18	02	96	02	2	039	85	8	2	5	0	0	78	81	+ 3	+ 2	40.1	+ 16.4	51.0	64
	Bogra ..	000	2	8	00	00	96	02	2	022	83	8	4	7	0	0	79	76	+ 1	− 3	41.6	+ 16.2	49.0	69
	Dinajpur ..																		− 1					72
	Rangpur ..	162	0	8	18	02	96	03	2	×××	82	8	5	6	×	×	80	76	− 1	− 2	32.5	− 0.9	41.3	84
Kashmir	Jammu ..																							..
Lahore	Lahore (Jail Rd.)	000	6	3	27	02	96	01	2	966	88	3	0	9	0	9	75	84	+ 3	+ 5	5.5	− 1.5	14.1	19
	Sialkot	000	0	0	05	05	97	00	0	962	85	0	0	9	0	0	77	82	+ 7	+ 3	7.6	− 2.9	30.8	32
Rawalpindi	Jhelum ..	000	0	3	13	05	96	03	0	961	89	3	0	9	3	0	75	83	—	—	3.4	—	14.2	..
	Rawalpindi ..	008	0	0	00	00	99	00	1	949	84	0	0	9	0	0	75	81	+ 9	+ 4	4.5	− 5.6	20.5	36
	Khushab ..	000	0	0	07	03	97	00	0	950	88	0	0	9	0	0	75	83	+ 5	+ 1	4.0	− 1.1	12.8	15
Multan	Lyallpur ..	000	0	0	20	02	96	00	0	954	89	0	0	9	0	0	73	85	+ 2	+ 3	3.4	− 0.6	9.5	12
	Montgomery ..	000	0	0	23	02	96	00	0	941	88	0	0	9	0	0	75	85	0	+ 2	0.2	− 3.1	4.0	10
	Multan ..	000	0	1	23	03	96	01	0	963	86	0	0	9	0	1	74	82	+ 2	− 3	0.7	− 1.7	4.1	7
Bahawalpur	Leiah ..																		+ 3	− 1	0	− 2.5	0.9	8
	Khanpur ..	000	0	0	27	05	97	02	0	969	87	0	0	9	0	0	75	82	+ 3	+ 1	1.0	− 1.5	2.3	6
	Bahawalpur ..	000	0	0	18	02	97	00	0	972	87	0	0	9	0	0	75	84	+ 4	+ 1	1.0	− 1.5	2.3	6
	Fort Abbas ..	000	0	0	23	05	95	07	0	974	89	0	0	9	0	0	73	84	—	—	1.6	—	4.5	8
Peshawar	Chakdara ..	000	0	0	00	00	98	00	0	945	82	0	0	9	0	0	64	80	—	—	1.9	—	16.7	..
	Peshawar ..	000	0	0	00	00	97	02	0	942	90	0	0	9	0	0	69	77	+ 5	− 3	1.5	− 0.0	12.4	14
	Haripur ..	000	0	0	23	02	97	00	0	980	90	0	0	9	0	0	74	82	—	—	2.5	—	16.6	..
	Campbellpur ..	000	0	0	13	03	98	00	0	946	90	0	0	9	0	0	71	86	—	—	2.0	—	17.4	..
D.I. Khan	Bannu ..	000	0	0	13	02	99	00	0	939	90	0	0	9	0	0	77	84	—	—	1.5	—	8.6	11
	D.I. Khan ..	000	0	0	00	00	98	00	0	944	88	0	0	9	0	0	78	83	—	—	1.9	− 0.9	7.5	10
Quetta	Sibi ..	000	0	0	00	00	99	00	0	966	90	0	0	9	0	0	71	87	—	—	0.3	—	5.3	5
Kalat	Nokkundi ..	000	0	0	34	09	98	02	0	984	87	0	0	9	0	0	55	83	—	—	0	—	1.9	2
	Turbat ..	000	0	7	00	00	98	02	0	005	××	0	0	9	0	0	77	82	—	—	2.5	—	5.9	..
	Jiwani ..	000	0	8	18	05	97	03	2	015	81	8	6	4	0	0	72	80	—	—	0	—	3.1	4
	Pasni ..	000	0	6	29	03	96	00	0	025	83	6	5	7	0	0	71	80	—	—	0	− 0.7	6.2	6
	Ormara ..	000	0	8	××	05	98	03	1	021	82	8	4	5	0	0	81	80	—	—	0	− 0.7	3.8	6
	Las Bela ..	000	0	0	00	02	98	00	0	005	84	0	0	9	0	0	78	80	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	27	09	96	03	2	002	82	2	7	5	7	0	76	79		− 1	0.5	− 3.4	0.9	8
	Karachi (Air port)	000	8	8	25	10	96	03	2	999	82	4	6	5	2	×	75	80	—	—	0.7	—	1.1	..
	Badin ..	000	0	8	23	03	97	00	0	019	83	0	5	9	0	0	68	××	+ 2	×	0	− 4.0	0	9
	Nagarparker ..																							..
	Umarkot ..	000	0	0	23	02	97	00	0	979	85	0	0	9	0	0	××	79		—	2.8	—	2.8	..
	Hyderabad ..	000	0	8	20	12	96	01	2	982	84	3	6	6	7	5	72	80		0	0.2	− 1.3	2.0	7
Khairpur	Pad-i-dan ..	000	0	1	18	09	98	03	0	959	86	0	0	9	0	1	73	81	—	—	0	—	1.2	..
	Nawabshah ..	000	0	0	18	05	97	02	0	968	87	0	0	9	0	0	75	81	—	—	0.1	—	0.6	..
	Sukkur ..	000	9	1	11	05	96	01	1	962	85	0	0	9	0	3	73	80	—	—	0.1	—	2.9	4
	Reti ..																							..
	Jacobabad ..	000	0	0	13	05	96	02	0	968	86	0	0	9	0	0	75	83		− 1	0	− 1.2	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad ..																							..
Arabia	Muscat ..	000	0	0	00	00	99	00	0	000	83	0	0	9	0	0	79	82	− 6	− 4	0	− 0.7	6.9	4
	Kuwait ..																							..
	HILL STATIONS																							
Kashmir	Srinagar * ..																							26
	Gulmarg ** ..																							..
	Sonamarg ** ..																							71
	Dras ** ..																							26
	Leh ** ..																							3
	Skardu * ..																							6
Rawalpindi	Misgar ** ..																		—	—				..
	Aliabad * ..																							..
	Gilgit * ..																							5
	Murree * ..	000	9	1	27	02	97	01	1	411	69	1	1	4	0	0	61	63	—	—	10.4	− 5.5	44.3	59
Peshawar	Drosh * ..	000	0	0	00	00	96	00	1	717	82	0	0	9	0	0	43	70	+ 3	− 3	0.9	—	23.0	18
	Cherat * ..	000	0	0	31	03	97	00	0	409	80	0	0	9	0	0	57	72	+ 8	+ 1	3.2	− 1.5	23.9	29
	Kakul * ..	000	9	1	20	02	97	01	1	413	81	1	1	7	0	0	67	74	—	—	5.2	—	32.7	..
D.I. Khan	Landi Kotal * ..	000	0	0	34	03	98	00	0	409	87	0	0	9	0	0	57	82	—	—	0.7	—	15.0	..
	Parachinar * ..	000	0	0	00	00	90	00	0	796	74	0	0	9	0	0	51	××	×	×	5.2	—	24.3	29
	Miranshah * ..	000	0	0	00	00	99	00	0	465	87	0	0	9	0	0	82	80	—	—	1.9	− 0.4	14.3	13
	Wana * ..	000	0	0	05	01	99	00	0	381	93	0	0	9	0	0	53	××	—	—	1.0	—	13.1	..
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	415	83	0	0	9	0	0	67	69	+ 4	+ 3	1.7	− 1.0	12.3	11
	Hindubagh * ..	000	0	0	00	03	98	00	0	417	82	0	0	9	0	0	49	68	—	—	0	—	12.3	..
	Loralai * ..	000	0	0	27	02	98	00	0	457	74	0	0	9	0	0	39	62	—	—	1.7	—	10.5	..
	Harnai * ..	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	1.5	− 2.3	13.8	14
	Quetta * ..	000	0	1	23	02	95	03	0	413	71	0	0	9	0	0	63	55	—	—	0	− 0.6	9.5	9
Kalat	Chaman * ..	000	0	0	23	03	97	00	0	445	80	0	0	9	0	0	77	57	0	− 18	0	− 0.1	10.2	8
	Kalat * ..	000	0	0	18	03	98	00	0	436	73	0	0	9	0	0	37	57	0	− 4	0	− 0.8	8.4	7
	Nushki * ..	000	0	0	09	05	97	00	0	506	83	0	0	9	0	0	40	81	—	—	0	—	8.0	..
	Dalbandin * ..	000	9	0	27	03	96	02	0	415	81	0	0	9	0	0	41	77	− 1	− 1	0	− 0.1	4.4	4
Afghanistan	Panjgur * ..	000	0	0	05	02	98	00	0	434	80	0	0	9	0	0	40	76	− 2	− 1	0	—	4.2	5
	Kabul * ..	000	0	0	00	00	99	00	0	508	62	0	0	9	0	0	54	51	—	—	—	—	—	12
	Kandahar * ..																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY, THE 30th JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	D_sV_s a PP	8 N_s C h_sh_s	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Yokomaru	23 211	636 00	4 18 12	95 02 2	040 81	65 4 00	3 5 400	..	0 51 75	..
Yokomaru	23 196	654 06	6 23 18	98 01 2	065 86	34 4 50	3 5 010	..	0 04 79	..
Yokomaru	23 187	667 12	5 23 20	97 02 2	060 84	54 3 00	3 5 105	..	0 02 79	..
Anwarbakah	23 214	692 12	5 28 18	97 25 2	028 79	37 2 20	7 4 809	..	0 52 78	1 29 47
Rizwani	23 218	634 18	4 23 04	98 62 2	038 81	43 6 00	..	..	..	..
Yokomaru	23 177	680 18	8 24 20	97 02 2	080 81	84 4 ××	3 5 115	..	0 52 75	..
BAY OF BENGAL										
Birdhana	23 194	888 00	6 22 08	98 02 0	028 82	42 6 40	5 5 603	..	0 51 79	1 22 21
Alsayyada	23 162	880 00	5 22 09	98 03 1	020 83	31 2 21	5 3 ×××	..	0 50 76	1 22 53
Alsayyada	23 157	876 06	4 23 09	99 03 1	042 85	35 5 01	5 3 ×××	..	0 01 77	1 23 53
Alsayyada	23 145	870 12	7 23 13	98 51 2	031 79	79 3 00	5 3 ×××	..	0 54 77	1 23 58
Ommenkark	22 148	910 12	4 18 05	98 03 1	028 84	41 7 07	7 6 611	..	0 52 79	1 18 21
Alsayyada	23 141	867 18	8 23 13	98 25 8	087 83	33 4 2×	5 3 300	..	0 51 78	1 23 54

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	997 298 252	..	..	420 275 182	..	455 212 065	946 088 552	713 022 702	733 575 772	119 735	456 942	..	700 265
Lahore ..														
Multan ..														
Peshawar ..	00 00	..	Missing											
Quetta ..	00 00	825 198 035	Missing											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached: PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 252 168	800 275 152	422 840 999	350 662 755	250 825 999	150 125 999	078 302 999	..	..	078 302 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	Missing											
Quetta ..	00 00	Missing											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd ; Dry Bulb ; Dew Point temperatures (in tenths of °C.
Se-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	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 ..	18 13	19 13	20 14	..	..	..	..	..	..	20 09	..	..	..	..	..	19 12	19 13	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	22 21	22 21	22 15	..	..	..	..	..	..	22 27	23 37	23 46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	24 10	23 08	22 08	17 08	17 08	15 03	06 03	..	..	17 15	17 15	18 13	19 08	21 05	29 05	20 05	19 07	19 06	..	..	..	..	..	..	..	..
Cox's Bazar ..	23 04	23 05	24 07	..	..	..	..	..	..	17 10	17 08	18 07	20 06	22 01	05 03	..	..	..	..	..	..	..	..	..	..	..
Dacca ..	19 06	20 09	20 09	22 06	25 03	26 05	35 02	10 03	10 06	19 09	19 13	..	..	..	..	19 07	19 09	19 10	19 10	21 07	22 04	23 04	14 03	15 06	13 08	09 12
Dalbandin ..	..	..	17 02	22 05	24 06	25 06	28 02	16 04	17 08	..	..	24 17	34 08	35 10	29 03	..	..	27 06	02 06	24 02	29 04	35 05	30 05	30 05	32 06	03 04
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	25 10	24 09	23 09	22 20	..	..	..	..	..	..	31 01	04 04	..	..	..	24 01	11 05	36 06	01 12	05 09	33 12	28 16	27 49
Fort Sandeman ..	..	..	..	31 14	29 14	24 11	24 17	25 16	28 15	..	..	..	21 01	03 06	34 10	..	..	..	..	25 02	29 07	25 07	01 09	32 13	26 21	..
Jacobabad ..	16 13	17 15	17 15	15 04	05 10	02 13	02 11	29 06	28 09	18 16	21 10	24 03	33 05	27 10	33 11	16 08	19 03	28 03	31 10	35 13	32 08	23 09	27 13	32 13	05 05	15 05
Jacobabad ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	23 02	23 06	21 03	18 03	28 03	33 16	34 08	33 05	28 09	12 07	15 18	19 11	27 12	30 12	33 12	14 03	14 08	14 05	30 16	31 09	31 09	34 17	01 22	26 23	..	..
Jiwani ..	21 15	22 08	23 06	..	..	..	..	..	..	..	..	..	..	..	..	26 08	20 05	24 05	..	..	..	..	..	..	..	..
Karachi ..	26 21	25 16	25 30	..	..	..	..	..	..	26 16	26 25	26 25	..	..	..	27 21	..	..	..	..	..	..	..	..	..	..
Khanpur ..	22 06	20 08	20 08	21 06	29 02	24 03	32 05	33 25	32 05	21 18	21 25	23 24	27 15	30 12	29 15	21 14	21 11	26 08	31 09	31 12	31 12	29 05	28 17	30 15	33 07	..
Lahore ..	24 07	24 11	23 10	25 11	32 06	34 18	33 10	32 10	30 13	27 11	26 18	27 17	29 12	28 10	35 15	24 06	26 10	26 10	26 06	29 06	31 05	29 14	26 15	27 12	27 15	26 29
Multan ..	21 15	20 18	20 19	21 13	23 02	33 10	29 16	29 13	30 12	20 23	21 38	22 35	..	..	..	21 15	20 17	19 20	19 22	18 15	09 03	29 04	25 12	28 13	29 21	30 18
Muscat ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	25 13	27 11	30 08	28 11	27 09	15 23	17 23	18 30	..	34 08	31 15	23 16	29 24	30 23	..	09 08	36 11	25 06	31 15	28 15	28 13	31 17	32 23	28 31	28 39
Quetta ..	..	..	..	..	29 08	29 08	29 15	29 15	30 10	..	..	..	..	30 06	30 18	..	..	..	..	28 04	31 12	31 11	30 07	30 09	28 13	27 14
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	30 06	25 08	24 12	23 14	24 13	25 11	..	..	..	21 15	21 15	22 08	21 09	21 12	28 12	22 05	24 01	..	..	..	..	..	..	..	..	..
Veravel ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 20	26 19	25 14	35 20	34 15	03 12	25 21	30 19	30 14	18 13	08 19	09 23	11 36	10 51	10 58	12 64	10 74	05 17
Peshawar ..																		
Quetta ..																		

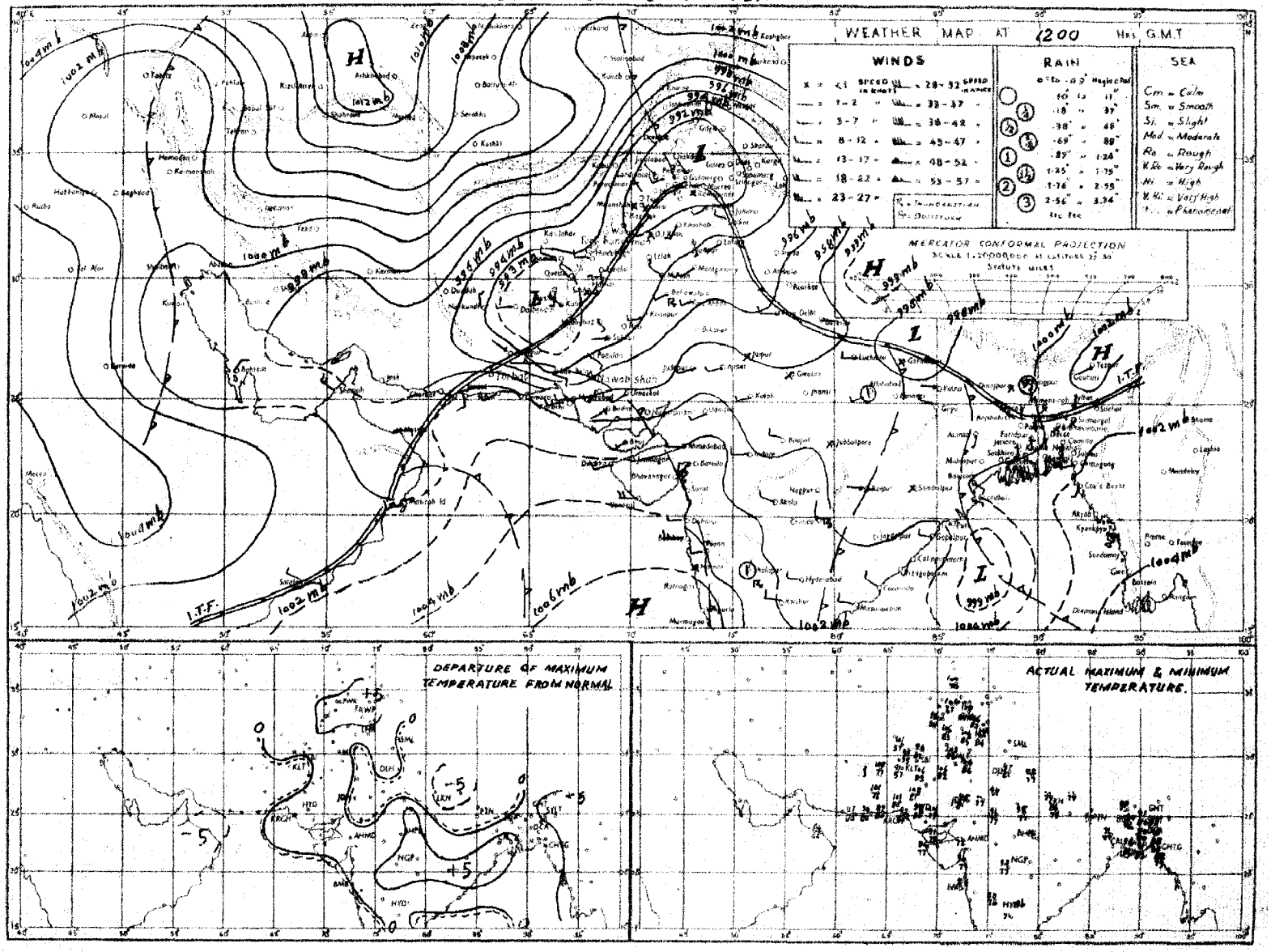
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_fv_f$ etc)

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.

PAKISTAN DAILY WEATHER MAP

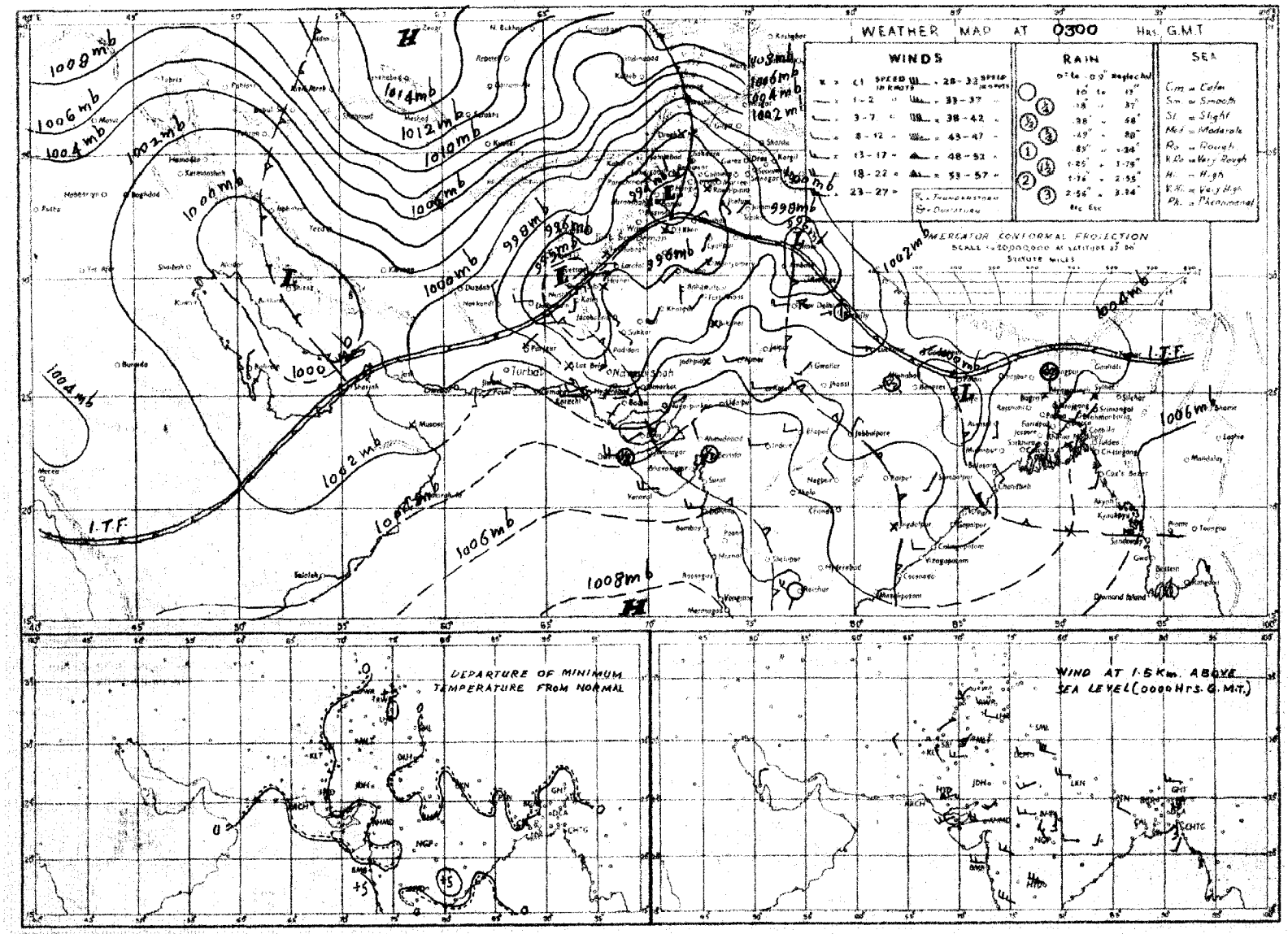
MONDAY 29th. JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 30th. JULY 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg No. S 1467

WEDNESDAY, THE 31st JULY, 1957

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

Monsoon is weak over East Pakistan. Axis of monsoon trough continues to run parallel to the foot of the Himalayas.

Scattered thundershowers have been reported from Rawalpindi division and local light rain from Chittagong division and isolated rain from Rajshahi division. Rangpur and Murree each reported ¼" of rain.

Day temperatures were 8-10°F above normal in Rawalpindi division and 3-5°F so in Lahore, D. I. Khan, Peshawar and Khairpur divisions and in East Pakistan.

Forecast valid until the evening of 1st :—Scattered rain will fall in East Pakistan. Weather will remain dry over West Pakistan.

Karachi-11.
The [illegible] July, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director Meteorological Service.

Divisions.	Station	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wε	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature° TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F. TdTd	Maximum temperature °F. TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wε	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature° TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F. TdTd	Minimum temperature °F. TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	7	18	05	96	02	2	027	84	7	4	6	0	0	78	89	008	3	6	16	05	96	02	6	060	84	5	5	6	1	1	75	78	+ 4	+ 2	76.2	+ 9.6	87.1	40
	Chittagong	000	0	8	23	05	96	02	2	022	85	6	6	6	2	×	79	88	000	0	7	16	05	97	02	2	054	84	5	4	6	2	0	78	81	+ 2	+ 4	42.3	- 2.3	49.7	98
	Maijdee Court	000	9	5	13	02	96	03	0	020	87	2	1	6	2	0	76	90	010	9	8	00	00	96	21	2	056	77	8	0	6	2	0	73	82	+ 4	+ 4	29.4	- 13.7	39.3	15
	Comilla	000	0	6	18	07	99	03	0	017	88	2	2	7	8	0	80	92	000	0	5	18	07	99	03	0	051	86	3	2	7	6	0	79	80	+ 5	+ 3	28.6	- 6.4	50.5	94
	Brahmanbaria	000	0	4	00	00	97	03	2	019	86	1	1	5	0	9	76	91	000	0	5	13	03	97	03	2	049	86	5	4	3	0	0	77	80	—	—	26.5	- 0.6	44.2	78
	Sylhet	000	0	7	00	00	97	02	2	013	86	4	0	9	7	8	76	90	000	0	8	18	02	96	03	1	049	84	6	5	5	2	×	80	79	—	—	42.4	—	92.9	..
	Srimangal	017	0	8	13	82	97	91	2	021	80	8	4	6	×	×	77	93	017	0	6	23	02	97	02	1	049	86	6	1	7	0	0	77	77	+ 3	+ 1	36.6	- 3.8	63.3	98
Dacca	Mymensingh	000	0	8	27	02	98	02	2	015	90	8	7	6	×	×	76	92	000	0	6	09	02	98	02	1	050	85	2	4	4	0	8	79	80	+	+ 2	33.0	- 0.6	43.7	91
	Narayanganj	000	9	7	18	02	96	03	1	012	89	2	4	6	0	1	75	92	000	9	7	18	02	96	03	2	047	87	5	4	6	3	8	76	83	+ 4	+ 4	31.5	+ 6.2	67.7	74
	Dacca (Tejgaon)	000	8	6	20	03	98	01	2	006	89	1	1	6	0	2	76	91	000	0	7	20	05	97	02	1	039	87	5	8	4	0	1	78	81	—	—	32.7	—	71.7	..
	Faridpur	000	8	6	18	02	96	02	2	000	89	2	4	8	1	0	79	92	000	9	8	18	02	96	03	0	044	88	4	5	7	1	0	80	79	+ 5	0	26.3	+ 0.7	38.2	71
	Barisal	000	0	6	13	02	96	02	2	012	88	7	0	9	6	2	78	92	000	0	6	27	02	96	03	2	043	89	5	6	9	6	0	78	83	+ 5	+ 5	32.6	+ 1.3	39.7	81
Rajshahi	Khulna	000	0	6	18	02	97	03	2	004	86	4	5	7	3	0	77	95	000	0	4	18	02	97	01	1	040	86	4	5	7	0	0	85	81	+ 8	+ 3	27.1	+ 0.2	34.9	68
	Satkhira	000	0	4	00	00	99	01	1	010	89	3	5	9	9	0	75	93	000	0	5	00	00	99	03	1	041	87	3	6	9	5	0	79	80	+ 5	+ 2	18.7	- 7.0	24.5	65
	Jessore	000	0	8	13	07	97	03	2	008	92	8	8	6	6	×	81	94	000	0	6	00	00	97	03	2	038	85	4	8	6	6	0	79	80	—	—	28.1	+ 3.6	32.4	65
	Sirajganj	000	0	8	00	00	95	02	2	007	86	8	2	9	0	4	79	92	000	0	8	00	00	95	02	2	029	86	6	2	5	0	0	79	81	+ 15	+ 2	40.1	+ 15.9	51.0	69
	Bogra	000	0	6	00	00	96	01	1	025	88	6	4	6	0	0	78	91	000	0	4	23	02	97	01	0	036	85	4	2	6	0	0	79	81	+ 2	+ 2	41.6	+ 15.7	49.0	69
	Dinajpur	000	3	6	00	00	96	02	2	004	86	0	0	9	2	0	79	86	000	2	8	00	0	96	02	2	038	83	8	4	7	0	0	79	78	- 4	- 1	28.9	- 0.2	32.3	72
	Rangpur	000	0	7	18	02	96	01	2	×××	85	5	5	6	2	×	79	86	035	0	8	18	02	96	03	2	×××	82	8	5	6	×	×	81	76	- 4	- 2	32.5	- 1.0	41.6	84
Kashmir	Jammu																																								..
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	97	03	0	937	00	1	1	7	0	0	73	02	000	0	0	00	00	96	02	0	976	85	0	0	9	0	0	76	80	+ 3	+ 1	5.5	- 1.6	14.1	19
	Sialkot	000	0	0	31	02	97	00	0	935	98	0	0	9	0	0	82	99	000	3	5	05	11	97	01	2	983	82	4	2	6	3	×	73	78	+ 3	+ 1	7.6	- 3.2	30.8	32
Rawalpindi	Jhelum	000	9	6	00	00	96	03	1	923	01	2	1	8	2	0	73	02	000	9	3	05	02	97	02	9	981	86	3	3	7	0	0	66	79	—	—	3.4	—	14.2	..
	Rawalpindi	000	0	6	00	00	99	01	1	912	99	6	0	9	3	0	69	86	000	5	4	00	00	99	01	9	996	91	4	0	9	2	0	72	83	+ 10	+ 6	4.5	- 5.9	20.5	36
	Khushab	000	0	2	20	05	97	03	0	924	02	2	0	9	7	0	66	05	000	0	1	07	05	98	03	0	967	88	1	9	6	0	0	75	83	+ 3	+ 1	4.0	- 1.3	13.8	15
Multan	Lyallpur	000	0	0	16	02	96	00	0	932	02	0	0	9	0	0	71	02	000	0	0	20	02	96	00	0	966	90	0	0	9	0	0	74	87	+ 1	+ 5	3.4	- 0.7	9.5	12
	Montgomery	000	0	0	20	02	96	02	0	939	01	0	0	9	0	0	76	02	000	0	0	23	02	96	00	0	971	87	0	0	9	0	0	74	84	- 1	+ 1	0.2	- 3.2	4.0	10
	Multan	000	0	0	31	02	96	00	0	929	99	0	0	9	0	0	74	01	000	0	1	23	03	96	01	0	967	87	0	0	9	0	1	74	83	0	- 2	0.7	- 6.8	4.1	7
Bahawalpur	Lelah																																								8
	Khanpur	000	0	2	23	05	96	01	1	922	06	0	0	9	0	2	70	06	000	0	0	20	07	96	00	0	972	84	0	0	9	0	0	75	82	+ 3	- 1	0	- 2.6	1.0	5
	Bahawalpur	000	0	6	00	00	97	02	9	931	03	0	0	9	0	1	77	04	000	0	1	20	03	97	00	0	978	86	0	0	9	0	2	74	83	+ 3	0	1.0	- 1.7	2.3	6
	Fort Abbas	000	0	0	33	03	97	00	0	948	02	0	0	9	0	0	66	04	000	0	0	23	03	96	07	0	979	79	0	0	9	0	0	71	84	—	—	1.6	—	4.5	8
Peshawar	Chakdara	000	0	1	××	××	98	01	1	891	97	1	2	7	0	0	71	00	000	0	3	31	××	98	03	0	941	81	0	×	7	7	×	64	62	—	—	1.9	—	16.7	..
	Peshawar	000	0	0	00	03	97	01	1	899	04	2	2	7	0	0	61	05	000	0	8	00	00	96	05	0	942	88	0	0	9	0	0	73	78	+ 4	— 2	1.5	0.0	12.4	14
	Haripur	000	5	4	23	02	97	03	0	913	04	0	0	9	0	3	57	05	000	9	3	13	02	97	03	0	946	88	3	2	6	×	×	50	83	—	—	2.5	—	16.6	..
	Campbellpur	000	0	0	00	00	98	00	0	920	06	0	0	9	0	0	57	06	000	0	3	11	05	98	01	1	957	89	3	0	8	2	0	75	87	—	—	2.0	—	17.4	..
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	908	02	0	0	9	0	0	69	03	000	0	0	00	00	99	00	0	943	91	0	0	9	0	0	73	85	—	—	1.5	—	8.6	11
	D.I. Khan	000	0	0	00	00	98	00	0	927	03	0	0	9	0	0	41	03	000	0	0	13	02	98	00	0	933	90	0	0	9	0	0	79	83	—	—	1.9	- 1.0	7.5	10
Quetta	Sibi	000	0	0	23	01	99	00	0	925	07	0	0	9	0	0	67	09	000	0	0	00	00	99	00	0	962	91	0	0	9	0	0	69	91	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	34	09	97	02	0	939	05	0	0	9	0	0	53	06	000	0	0	34	13	97	02	0	985	83	0	0	9	0	0	48	79	—	—	0	—	1.9	2
	Turbat	000	0	0	23	02	97	00	0	911	04	0	0	9	0	0	60	07	000	0	0	27	02	98	00	0	001	××	0	0	9	0	0	77	80	—	—	2.5	—	5.9	..
	Jiwani	000	0	6	20	13	98	03	1	985	84	5	6	4	0	7	76	88	000	0	8	18	05	97	03	2	996	82	8	6	4	0	0	67	79	—	—	0	—	2.1	4
	Panjgur	000	0	0	23	23	24	07	0	990	86	0	0	9	0	0	77	89	000	0	6	27	03	96	00	0	013	83	6	5	7	0	0	74	79	— 2	+ 1	0	- 0.7	5.2	6
	Ormara	000	0	0	××	××	98	00	0	992	86	0	0	9	0	0	82	88	000	0	0	××	03	98	03	1	012	82	8	0	9	2	0	80	80	—	—	0	- 0.7	3.8	6
	Las Bela	000	0	0	00	02	99	00	0	944	97	0	0	9	0	0	71	03	000	0	0	00	02	98	00	0	984	88	0	0	9	0	0	77	81	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	23	12	97	01	1	978	87	3	6	4	5	0	77	89	000	0	8	27	07	96	03	2	990	83	2	6	4	7	0	76	80	+ 2	0	0.5	- 3.5	0.9	5
	Karachi (Air port)	000	0	7	25	15	96	02	5	981	86	7	5	5	0	0	75	89	000	0	8	25	09	96	02	5	989	83	4	6	5	3	×	74	78	—	—	0.7	—	1.1	..
	Badin	000	0	8	23	03	97	20	3	994	90	8	6	7	×	×	73	93	000	6	6	23	02	96	20	3	000	88	0	7	9	0	0	72	××	0	×	0	- 4.0	0	9
	Nagarparker																																								..
	Umarkot	000	0	0	23	03	97	00	0	969	95	0	0	9	0	0	73	97	000	0	0	23	03	97	00	0	984	84	0	0	9	0	0	73	79	—	—	2.8	—	2.8	..
	Hyderabad	000	0	4	20	14	95	07	2	955	94	2	6	5	0	5	73	97	000	0	8	20	14	96	07	1	977	84	6	5	6	7	×	73	80	0	0	0.2	- 1.3	2.0	7
Khairpur	Padidan	000	0	0	00	00	98	00	0	926	07	0	0	9	0	0	64	08	000	0	4	13	09	98	03	0	955	85	0	0	9	0	1	73	81	—	—	0	—	1.2	..
	Nawabshah	000	0	1	18	10	97	02	0	936	03	0	0	9	0	1	75	06	000	0	0	18	07	97	02	0	963	85	0	0	9	0	0	75	81	—	—	0.1	—	0.6	..
	Sukkur	000	6	0	25	02	96	00	0	922	05	0	0	9	0	0	74	05	000	0	0	13	03	96	00	0	960	84	0	0	9	0	0	74	80	—	—	0.1	—	2.9	4
	Rohri																																								..
	Jacobabad	000	0	0	13	09	96	02	0	923	05	0	0	9	0	0	75	05	000	0	0	13	05	96	02	0	967	85	0	0	9	0	0	75	82	— 2	— 2	0	- 1.2	3.5	4
Junagarh & Afghanistan	Veraval																																								20
	Jalalabad																																								..
Arabia	Muscat	000	0	0	09	05	99	00	0	986	87		0	9	0	0	80	90	000	0	0	00	00	99	00	0	952	85	0	0	9	0	0	81	83	— 2	— 1	0	- 0.1	6.9	4
	Kuwait																																								..
	HILL STATIONS																																								26
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								..
	Skardu *																																								5
Rawalpindi	Murree *	000	0	3	16	11	96	01	1	054	70	3	1	6	0	0	21	77	000	0	0	00	00	98	00	0	020	55	0	0	9	0	0	24	43	—	—	—	—	—	..
	Abbottabad *																																								..
	Gilgit *																																								..
Peshawar	Murree *	000	9	4	20	07	97	01	1	397	76	3	1	4	8	0	68	78	031	2	2	27	03	97	01	9	418	65	2	1	4	0	0	59	55	—	—	10.7	- 5.6	44.6	59
	Drosh *	000	0	4	23	09	96	03	1	401	95	4	2	7	0	0	25	00	000	0	0	00	00	96	00	0	418	80	0	0	9	0	0	20	72	—	—	0.9	—	23.0	18
	Chitral *	000	0	0	18	03	96	00	0	400	91	0	0	9	0	0	57	96	000	0	0	18	02	96	00	0	409	80	0	0	9	0	0	40	76	+ 8	+ 5	3.3	- 1.5	23.9	29
	Kakul *	000	7	2	20	05	97	01	1	399	90	1	2	7	6	0	59	91	000	6	2	13	02	97	17	9	418	80	2	2	7	0	0	64	73	—	—	5.2	—	32.7	..
D. I. Khan	Landi Kotal *	000	0	0	34	02	97	00	0	403	00	0	0	9	0	0	32	00	000	0	0	34	02	96	05	4	408	85	0	0	9	0	0	85	82	—	—	0.7	—	15.0	..
	Parachinar *	000	0	0	13	02	99	00	0	796	84	0	0	9	0	0	56	××	000	0	0	00	03	99	00	0	795	74	0	0	9	0	0	52	××	—	—	5.2	—	24.3	29
	Miranshah *	000	0	0	05	02	99	00	0	425	92	0	0	9	0	0	93	99	000	0	0	00	00	99	00	0	438	86	0	0	9	0	0	82	81	—	—	1.9	- 0.5	14.3	13
	Wana *	000	0	0	09	01	99	00	0	381	91	0	0	9	0	0	66	97	000	0	0	00	00	98	00	0	410	79	0	0	9	0	0	65	72	—	—	—	—	..	..
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	383	02	0	0	9	0	0	31	03	000	0	0	00	00	96	00	0	315	84	0	0	9	0	0	66	75	+ 4	+ 9	1.7	- 1.0	12.3	11
	Hindubagh *	000	0	0	27	05	98	00	0	379	95	0	0	9	0	0	43	97	000	0	0	00	00	98	00	0	402	81	0	0	9	0	0	54	72	—	—	0	—	12.3	..
	Loralai *	000	0	0	18	02	98	00	0	476	95	0	0	9	0	0	62	96	000	0	0	36	02	98	00	0	452	74	0	0	9	0	0	32	62	—	—	1.7	—	10.5	..
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	××	××	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	1.5	- 2.4	13.8	14
	Quetta *	000	0	0	27	12	97	02	0	397	95	0	0	9	0	0	65	97	000	0	0	00	00	96	00	0	407	73	0	0	9	0	0	45	57	—	—	0	- 0.6	9.5	9
Kalat	Chaman *	000	0	0	29	05	98	00	0	397	97	0	0	9	0	0	83	01	000	0	0	25	05	97	00	0	417	80	0	0	9	0	0	74	74	+ 1	— 1	0	- 0.1	10.2	8
	Kalat *	000	0	0	31	05	98	00	0	397	87	0	0	9	0	0	10	91	000	0	0	16	03	98	00	0	433	70	0	0	9	0	0	35	58	+ 0	— 3	0	- 0.8	8.4	7
	Nushki *	000	0	0	27	06	96	00	0	476	05	0	0	9	0	0	39	06	000	0	0	05	04	97	00	0	489	82	0	0	9	0	0	56	76	—	—	0	—	8.0	..
Afghanistan	Delbandin *	000	0	0	23	02	96	02	0	409	07	0	0	9	0	0	52	08	000	9	0	23	03	94	06	0	411	81	0	0	9	0	0	50	73	—	—	0	- 0.1	4.4	..
	Panjgur *	000	0	0	05	02	98	00	0	427	00	0	0	9	0	0	25	00	000	0	0	05	02	98	00	0	432	84	0	0	9	0	0	39	78	— 3	+ 1	0	—	4.5	5
	Kabul *																																								12
	Kandahar *																																								..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

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WEATHER BUREAU

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY, THE 31st JULY, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	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 a PP	8 N_s C h_sh_s	0 T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Anwarbaksh	33 228	680 00	7 28 18	97 03 2	014 81	42 3 20	7 3 610	..	0 00 77	1 29 6
Yohomaru	33 167	693 00	7 23 17	97 02 2	070 81	74 4 00	3 5 810	..	0 02 78	..
Rizwani	33 208	619 06	6 23 05	98 02 2	039 81	41 7 00	..	..		..
Yohomaru	33 156	706 06	6 27 18	98 14 1	085 88	32 4 72	3 5 005	..	0 06 79	[illegible]
Dwarka	33 227	683 12	3 25 19	98 01 0	000 82	38 4 00	7 5 710	..	0 00 74	1 [illegible] 2
Anwarbaksh	33 243	668 12	4 25 17	97 02 1	989 84	31 4 80	8 3 816	..	0 01 75	1 [illegible]
Rizwani	33 198	604 18	5 23 05	98 02 2	027 79	43 6 xx	..	..	..	..
Silver Brook	33 234	591 18	0 xx 04	98 0x 0	99x 83			..		..
Dwarka	33 235	674 18	8 26 17	98 02 1	017 82	88 4 xx	7 4 102	..	0 01 76	..
BAY OF BENGAL										
Alsayyada	33 133	861 00	5 22 13	94 03 2	052 83	42 3 01	5 3 300	..	0 51 77	1 25 [illegible]
Alsayyada	33 126	858 06	8 23 13	98 21 8	042 81	53 4 2x	5 3 602	..	0 53 76	1 23 [illegible]

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb (HHH TTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	996 278 262	516 xx xxx	..	410 215 185	..	115 158 068	401 052 522	862 522 595	607 615 682	746 758 999	572 965 999	..	920 155 999
Lahore ..														
Multan ..														
Peshawar ..	00 00	Misda												
Quetta ..	00 00	824 198 022	..	..	..	..	093 165 585	389 110 999	896 065 999	697 008 999	889 570	..	..	[illegible]

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 205 172	890 198 168	854 212 178	831 248 188	800 235 152	529 528 602	494 518 592	350 678 999	250 835 999	064 182 999	..	
Lahore ..													
Multan ..													
Peshawar ..	00 00	Misda											
Quetta ..	00 00	800 202 042	770 208 565	485 555 999	465 038 999	392 000 999	375 512 999	350 522 999	..	..	350 522 999	..	

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.3	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	19 08	19 09	19 12	..	..	..	..	..	..
Chaklala ..	..	21 11	19 17	34 05	27 05	27 09	32 19	31 16	31 15
Chhor ..	22 19	22 20	22 17	..	..	..	..	..	..
Chittagong ..	20 12	20 10	19 09	16 06	14 06	16 05	22 04	21 03	..
Cox's Bazar ..	20 07	19 12	19 59	16 07	16 06	16 08		..	..
Dacca ..	16 09	17 07	18 08	21 09	26 04	24 02	13 03	35 01	36 04
Dalbandin ..	..	..	16 03	20 05	27 05	03 06	27 06	33 07	34 09
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	23 09	22 17	21 10	22 11		
Fort Sandeman ..	..	..	..	29 02	20 10	27 06	29 13	34 14	33 15
Jacobabad ..	17 12	17 15	16 06	36 07	36 12	31 18	28 20	30 18	33 08
Jessore ..	..	..	..	..	..	..	..	..	..
Jhelum ..	20 02	15 03	16 04	20 07	24 12	..	..	..	..
Jiwani ..	21 15	21 C8	26 06	32 08	..	..		..	..
Karachi ..	25 23	26 24	..	..	..	..	..		
Khanpur ..	22 12	21 12	21 09	26 07	32 08	31 09	28 10	25 11	25 10
Lahore ..	24 01	18 04	17 05	19 07	25 06	32 11	30 25	28 13	29 14
Multan ..	20 06	19 13	17 14	17 06	19 02	26 05	30 13	31 16	31 14
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	29 15	29 12	28 08	33 10	33 11
Sharjah ..				..				..	..
Sylhet ..	35 03	34 01	21 04	24 09	24 11	27 06	23 07	..	..
Veraval ..	..	..	..	..	..	..	..	..	..

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	19 10	19 12	..	..	..	..
Chaklala ..	..	13 13	13 20	13 10	26 06	27 15
Chhor ..	26 02	14 09	16 09	25 09	30 07	..
Chittagong ..	16 15	17 13	17 13	17 13	17 11	16 09
Cox's Bazar ..	16 13	16 14	16 14	15 09	15 06	16 09
Dacca ..	19 10	19 09	18 10	17 07	19 04	19 04
Dalbandin ..	..	..	27 11	26 05	35 11	06 06
D. I. Khan ..	..	..	..			
Drosh ..	..	..	..	..	04 05	36 08
Fort Sandeman ..	..		..	04 10	07 05	12 12
Jacobabad ..	16 12	18 13	21 06	15 04	24 07	29 06
Jessore ..	..		..			..
Jhelum ..	26 02	14 09	16 09	25 09	30 07	..
Jiwani ..	25 03			..	..	..
Karachi ..	26 23	26 23	27 23	..	..	..
Khanpur ..	20 24	21 28	21 17	25 07	23 08	34 11
Lahore ..	11 10	21 09	24 13	24 09	26 13	30 04
Multan ..	21 19	22 29	22 29	22 37	..	
Muscat ..	..	..	..		..	..
Panjgur ..	..	..				..
Peshawar ..	..	05 10	04 09	01 06	31 04	27 04
Quetta ..	..	..	..	..	23 06	29 12
Sharjah ..	..	..	..	..	..	..
Sylhet ..	22 12	22 12	22 11	21 11	24 11	25 14
Veraval ..		..		..	..	..

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	21 09	21 10	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..		..	..	..	..	..	..	..	..	..
Chittagong ..	19 16	18 12	18 13		..	..	..	..	..	..	..
Cox's Bazar ..	16 17	18 17	15 18	16 13	..	..	..	..	..	..	..
Dacca ..	18 08	19 12	19 11	20 12	20 06	21 08		..	..	..	..
Dalbandin ..	..	..	12 01	14 05	18 09	20 05	24 08	33 12	..	..	..
D. I. Khan ..	..	..	..	..							
Drosh ..	..	..	..		10 03	12 08	27 06	25 06	25 08	28 [illegible]	29 21
Fort Sandeman ..	..	..		03 01	33 03	19 03	26 12	25 16	29 15	28 [illegible]	26 51
Jacobabad ..	14 09	13 06	16 06	16 10	35 13	33 08	28 08	23 05	20 03	02 [illegible]	01 04
Jessore ..											
Jhelum ..	13 07	13 08	13 11	23 04	26 07	31 09	29 14	29 13	28 18	xx xx	26 55
Jiwani ..	16 03	01 01	..	..	..	..	..	..	..		..
Karachi ..	25 23	25 19	26 20	..			..				..
Khanpur ..	20 09	18 07	18 05	33 01	30 04	15 05	15 01	25 02	27 08	..	..
Lahore ..	10 04	15 07	16 07	19 05	21 06	24 09	..		..	..	..
Multan ..	19 16	18 20	18 18	18 12	18 09	16 03	27 08	28 10	28 18	28 12	26 35
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..		..	..	..	..	..	..	..
Peshawar ..	..	05 10	04 09	01 06	31 04	27 04	..	..	..	..	..
Quetta ..	..	..	..	..	31 07	32 09	31 04	38 13	27 17	28 23	29 31
Sharjah ..			..	..	..	..	..	..	..	..	..
Sylhet ..	31 05	28 08	25 09	22 08	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 29	26 27	26 47	27 23	30 15	35 15	08 11	02 09	03 05	06 08	08 11	07 12	07 39	11 27	09 35	07 33	[illegible]	
Peshawar ..																		
Quetta ..																		

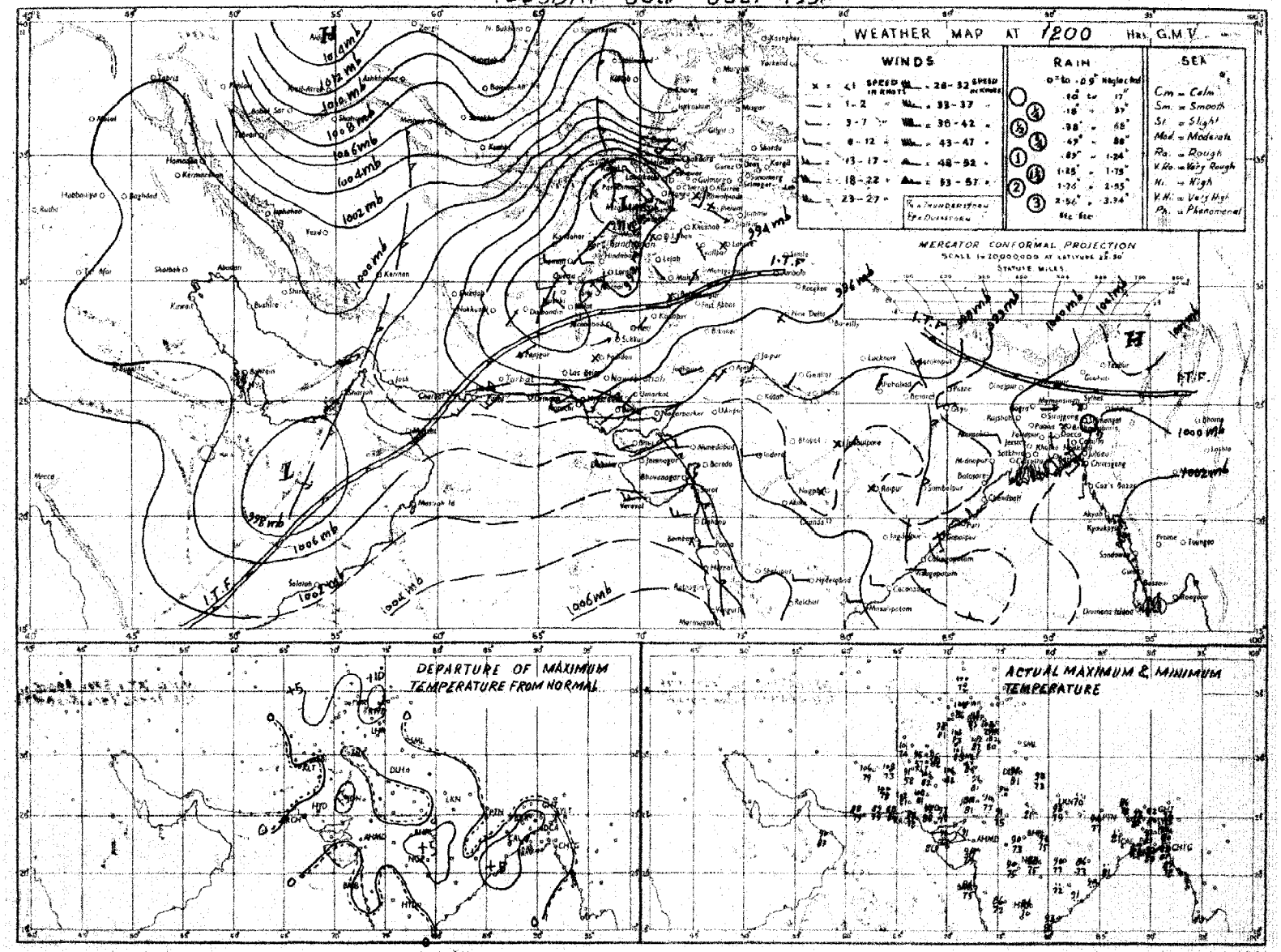
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

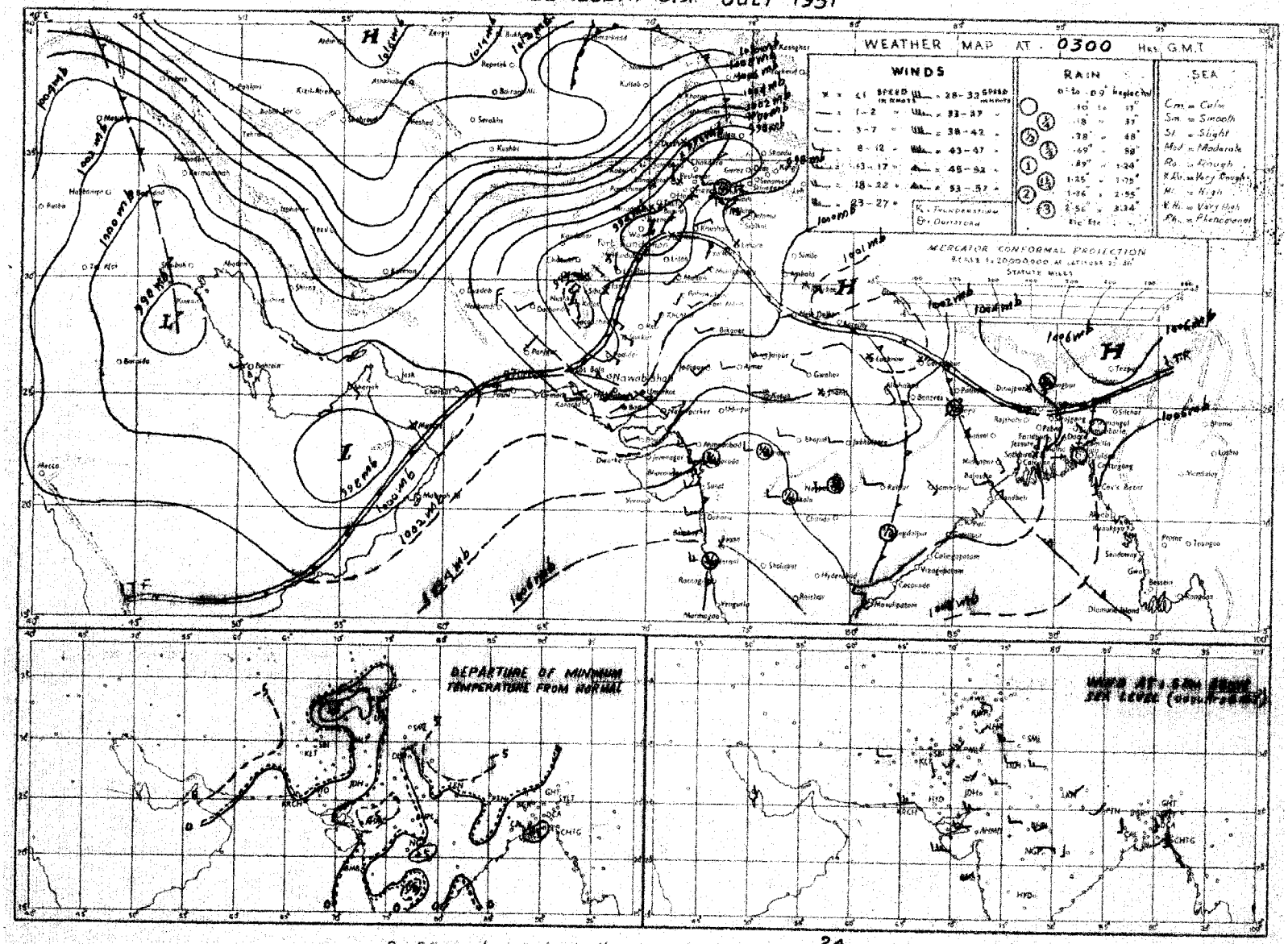
TUESDAY 30th JULY 1957



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 31st JULY 1957



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

Pakistan: Meteorological Service.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

THURSDAY, THE 1st AUGUST, 1957

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

Under the influence of a westerly low pressure wave moving away through extreme north of West Pakistan, fairly widespread rain/thundershowers occurred in Rawalpindi division, local in Lahore and Peshawar division and scattered in Multan and D. I. Khan divisions.

Axis of monsoon trough runs from Punjab (India) to Chota Nagpur.

Rainfall has been fairly widespread in Chittagong and Dacca divisions and scattered in Rajshahi division.

Chief amounts of rainfall are:—Barisal and Jhelum 2" each, Maijdee Court, Lahore and Lyallpur 1½" each, Sialkot, Rawalpindi, Murree and Khushab 1" each, Cox's Bazar, Faridpur, Jessore and Kakul ¾" each, Brahmanbaria and Srimangal ½" each and Mymensingh, Dacca and Khulna ¼" each.

Day temperatures were 3-5°F below normal in north Kalat and Bahawalpur divisions and were 2-4°F above normal in East Pakistan.

Forecast valid until the evening of 2nd:—Rainfall will be fairly widespread in Chittagong and Dacca divisions and local in Rajshahi divisions. Local rain/thundershowers will also occur in Lahore, Rawalpindi and Peshawar divisions and in Kashmir and be scattered in Multan, D. I. Khan and Bahawalpur divisions.

Karachi-11.
The 1st August, 1957.

K. U. SIDDIQI.
for Director Meteorological Service.

OBSERVATIONS

Divisions	Station	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature °F	Departure from Normal of Maximum Temperature	Departure from Normal of Minimum Temperature	Rainfall Since 1st June 1957 to date	Rainfall Departure from normal	Rainfall Since 1st January 1957 to date	Annual normal
		At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																						
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
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	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	008	7	7	18	09	96	02	6	042	83	7	4	6	2	0	77	87	008	9	7	11	07	96	03	2	060	85	7	1	7	4	0	76	77	+ 2	+ 1	76.3	+ 8.8	87.2	140
	Chittagong	005	3	8	13	05	96	21	6	032	80	7	4	5	1	×	79	86	071	9	5	16	05	97	02	6	059	84	2	2	6	1	0	76	78	0	0	43.0	− 2.2	50.4	108
	Maijdee Court	000	6	7	00	00	96	02	2	026	84	2	1	6	2	×	78	87	170	6	8	00	00	93	61	6	066	76	8	0	6	2	×	75	76	+ 1	− 2	31.1	− 13.9	41.0	115
	Comilla	000	5	8	00	00	99	01	6	025	84	5	2	5	9	×	79	88	000	0	8	18	05	99	02	2	058	80	8	4	5	×	×	77	77	+ 1	0	28.6	− 6.7	50.5	94
	Brahmanbaria	055	3	6	18	02	97	03	6	023	81	2	5	5	4	0	79	89	055	0	7	18	05	97	03	2	059	82	7	5	3	0	0	76	77	—	—	27.0	+ 0.5	47.8	78
	Sylhet	010	5	7	18	05	96	21	6	023	81	3	4	6	2	0	77	89	011	0	8	00	00	96	02	2	060	81	5	5	6	2	×	77	78	—	—	42.5	—	93.0	..
	Srimangal	058	6	5	13	02	97	02	6	029	80	4	4	6	0	×	78	90	058	0	8	23	02	97	02	2	060	81	8	4	6	×	×	75	77	0	− 1	37.2	+ 3.1	63.9	98
Dacca	Mymensingh	023	0	8	00	00	98	21	2	023	82	8	7	3	×	×	79	92	023	0	8	09	02	98	02	2	053	84	8	4	4	×	×	77	78	+ 3	0	33.2	− 0.9	44.0	91
	Narayanganj	000	9	8	13	02	94	03	1	021	86	5	4	5	3	×	81	92	008	5	8	18	03	95	03	6	057	83	7	4	4	2	×	77	80	+ 4	+ 1	31.6	+ 13.9	47.8	74
	Dacca (Tezgaon)	027	9	8	18	02	98	03	6	015	85	3	4	4	3	6	79	88	034	6	7	20	03	97	01	6	050	82	3	4	4	5	0	78	79	—	—	33.1	—	72.8	..
	Faridpur	019	6	6	18	02	96	02	6	020	85	2	4	8	1	0	78	88	079	9	8	18	02	96	03	6	048	83	8	5	6	0	0	79	77	+ 1	− 2	27.0	+ 1.0	39.0	71
	Barisal	005	4	6	00	00	95	02	6	018	86	6	7	9	0	0	79	89	218	9	8	00	00	95	53	5	053	78	7	9	0	0	0	77	76	+ 2	− 2	34.8	+ 2.9	41.9	81
Rajshahi	Khulna	020	6	6	00	00	97	01	5	013	88	4	5	7	0	0	78	88	020	0	8	13	02	96	03	2	052	81	8	4	6	0	0	78	79	+ 1	+ 1	27.3	− 0.1	36.1	60
	Satkhira	000	4	7	09	02	97	03	1	013	86	5	6	7	9	0	79	92	000	0	8	00	00	97	03	2	046	84	×	×	7	×	×	80	80	+ 4	+ 2	18.7	− 7.3	24.5	65
	Jessore	069	6	6	18	03	97	03	6	011	85	3	4	6	6	0	81	93	077	9	8	18	03	97	03	6	047	82	8	4	5	×	×	81	79	—	—	28.8	+ 4.0	33.2	65
	Sirajganj	000	0	8	18	01	97	01	0	003	86	2	1	6	0	1	79	89	000	0	6	00	00	96	03	2	047	85	4	2	5	0	0	79	80	+ 2	+ 1	40.1	+ 15.6	51.0	64
	Bogra	000	0	4	00	00	96	02	1	027	88	4	4	6	0	8	78	91	000	0	6	13	02	97	02	1	044	85	4	4	6	3	0	[illegible]	80	+ 2	+ 1	41.6	+ 15.3	49.0	69
	Dinajpur	000	2	4	00	00	96	02	2	018	82	0	0	9	2	0	79	87	000	2	6	00	00	96	02	1	040	85	0	0	9	2	0	[illegible]	74	− 3	−	28.9	− 0.7	32.3	72
	Rangpur	000	0	8	09	02	96	01	2	×××	81	8	5	6	×	×	78	83	000	0	5	09	02	96	01	2	×××	85	4	5	6	1	0	[illegible]	[illegible]	− 7	− 1	32.8	− 1.4	41.6	84
Kashmir	Jammu																																								..
Lahore	Lahore (Jail Rd.)	000	0	6	13	07	96	03	2	933	97	5	5	7	0	4	71	99	150	9	8	05	08	96	65	9	037	71	4	7	4	2	×	70	70	0	− 8	6.9	− 0.3	15.7	19
	Sialkot	000	9	7	13	05	97	03	2	938	92	7	7	6	×	×	77	95	090	9	8	05	02	96	21	6	027	72	8	4	5	×	×	69	70	− 1	− 9	8.5	− 2.5	31.7	32
Rawalpindi	Jhelum	156	1	8	31	17	93	97	9	962	67	2	9	5	2	×	66	95	212	9	7	27	03	97	20	9	064	73	7	0	9	2	0	68	[illegible]	—	—	5.5	—	16.3	..
	Rawalpindi	093	2	8	27	02	98	29	9	972	73	8	2	6	0	0	72	93	093	0	4	00	00	99	01	1	024	82	4	0	9	2	0	77	70	− 3	− 6	5.4	− 5.2	21.4	36
	Khushab	068	3	8	13	03	98	61	9	978	73	8	8	6	×	×	××	00	123	0	3	02	05	99	01	9	029	74	1	2	6	3	0	××	[illegible]	− 2	− 12	5.3	− 0.3	14.0	15
Multan	Lyallpur	000	0	7	20	03	96	02	0	933	00	7	3	8	0	0	83	01	144	9	7	13	02	96	50	9	023	70	2	7	8	0	0	[illegible]	[illegible]	[illegible]	− 12	4.8	+ 0.6	11.0	12
	Montgomery	000	0	0	23	07	96	02	0	939	99	0	0	9	0	0	71	00	×××	2	5	03	00	98	50	5	002	72	3	5	9	1	0	71	[illegible]	[illegible]	− 11	0.2	− 3.2	4.0	10
	Multan	000	0	9	00	00	95	03	0	929	96	3	4	8	6	3	78	02	000	9	9	05	05	95	03	2	012	78	2	4	8	3	×	78	[illegible]	+ 1	− 10	0.7	− 1.9	4.1	7
Bahawalpur	Leiah																																								8
	Khanpur	000	0	0	23	03	96	00	0	915	04	0	0	9	0	0	69	04	000	0	6	00	00	96	02	2	008	86	0	0	9	3	0	71	82	+ 1	0	0	− 2.8	1.0	6
	Bahawalpur	000	0	3	00	00	97	02	9	925	00	3	0	9	0	1	72	02	000	0	7	00	00	97	02	0	013	84	7	0	8	2	0	75	84	− 6	+ 1	1.0	− 1.8	2.3	6
	Fort Abbas	000	0	0	23	03	97	00	0	045	00	0	0	9	0	0	69	01	000	0	0	23	09	96	00	0	997	90	0	0	9	0	0	71	85	—	—	1.6	—	4.5	8
Peshawar	Chakdara	000	0	3	××	××	98	01	9	897	87	1	2	7	2	×	65	93	000	0	6	××	××	97	03	2	013	71	0	×	8	7	×	61	53	—	—	1.9	—	16.7	..
	Peshawar																		000	9	0	05	03	97	01	0	019	77	0	0	9	0	0	66	71		− 8	1.5	− 0.1	12.6	14
	Haripur	007	9	7	13	02	97	02	6	981	80	7	2	6	×	×	63	94	012	9	7	23	02	97	03	5	068	72	7	0	9	7	0	67	69	—	—	2.6	—	16.1	..
	Campbellpur	000	0	8	13	02	98	03	1	941	05	8	0	8	2	0	86	05	010	5	3	09	02	99	01	6	031	77	3	0	8	5	0	68	71	—	—	2.1	—	17.5	..
D. I. Khan	Bannu	000	4	6	13	03	99	03	3	957	81	1	1	3	0	3	66	98	000	0	3	31	02	99	00	0	023	76	3	0	9	4	0	68	73	—	—	1.5	—	8.6	11
	D. I. Khan	013	6	8	35	02	97	03	6	938	76	8	8	0	0	0	22	99	013	0	5	00	00	97	01	1	983	74	5	5	8	0	0	68	69	—	—	2.0	− 0.9	7.6	10
Quetta	Sibi	000	0	0	00	00	99	00	0	910	06	0	0	9	0	0	69	07	000	0	0	23	01	99	00	0	976	88	0	0	9	0	0	72	88	—	—	0.3	—	5.3	5
Kalat	Nokkundi	000	0	0	34	09	97	02	0	933	00	0	0	9	0	0	44	02	000	0	0	34	13	97	02	0	983	80	0	0	9	0	0	51	74	—	—	0	—	1.9	3
	Turbat	000	0	0	23	02	97	00	0	682	93	0	0	9	0	0	78	10	000	0	0	23	02	98	00	0	999	××	0	0	9	0	0	78	83	—	—	2.5	—	5.9	..
	Jiwani																		000	0	5	11	05	97	03	1	995	83	5	5	5	0	0	74	80		—	0		3.1	4
	Pasni	000	0	0	20	14	96	××	0	979	87	0	0	9	0	0	76	90	000	0	7	××	××	96	00	0	007	80	7	5	7	0	0	77	78	− 1	+ 1	0	− 0.7	6.2	6
	Ormara	000	0	0	××	09	98	00	0	977	87	0	0	9	0	0	81	87	000	0	5	××	××	98	02	1	007	83	5	0	7	2	0	80	80	—	—	0	− 0.7	3.8	6
	Las Bela	000	0	0	13	04	98	00	0	954	95	0	0	9	0	0	76	03	000	0	0	00	00	98	00	0	986	84	0	0	9	0	0	77	80	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	12	97	03	2	945	88	0	0	9	7	0	78	89	000	0	8	27	07	96	03	2	988	83	0	0	9	7	0	76	80	+ 2	+ 1	0.5	− 3.5	0.9	8
	Karachi (Air port)	000	0	7	23	12	96	02	2	969	86	7	5	6	0	0	75	88	000	0	8	25	07	96	03	2	991	83	8	5	6	×	×	79	80	—	—	0.7	—	1.1	9
	Badin	000	0	0	23	03	97	00	0	985	90	0	0	9	0	0	73	94	000	3	6	23	02	96	23	3	009	84	0	7	9	0	0	77	××	+ 1	×	0	− 4.0	0	
	Nagarparker																																								..
	Umarkot	000	0	0	23	03	97	00	0	954	96	0	0	9	0	0	80	98	000	0	0	23	03	97	00	0	979	83	0	0	9	0	0	75	78	—	—	2.8	—	2.8	
	Hyderabad	000	0	1	20	12	96	07	2	954	93	1	5	6	0	0	73	97	000	0	8	20	10	96	03	2	989	83	8	5	6	×	×	73	81	0	+ 1	0.2	− 3.3	2.0	7
Khairpur	Pad-i-dan	000	0	0	13	05	98	00	0	920	05	0	0	9	0	0	66	06	000	0	0	13	09	98	01	0	977	85	0	0	9	0	0	74	81	—	—	0	—	1.2	..
	Nawabshah	000	0	0	18	12	97	02	0	931	00	0	0	9	0	0	75	04	000	0	0	18	07	97	02	0	979	84	0	0	9	0	0	75	80	—	—	0.1	—	0.6	..
	Sukkur	000	0	0	02	02	96	00	0	917	03	0	0	9	0	0	76	03	000	6	7	13	02	96	03	1	988	83	7	0	9	7	0	76	80	—	—	0.1	—	2.9	4
	Kashmore																																								..
	Jacobabad	000	0	0	18	07	97	02	0	917	01	0	0	9	0	0	76	02	000	0	4	13	03	96	03	1	993	85	4	9	9	0	0	73	79	− 5	− 4	0	− 1.3	3.5	4
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								..
Arabia	Muscat	000	0	0	09	02	99	00	0	971	89	0	0	9	0	0	82	92	000	0	0	00	00	99	00	0	972	87	0	0	9	0	0	81	83	0	− 2	0	− 0.1	6.9	4
	Kuwait																																								..
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								..
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **																		000	0	5	00	00	96	00	2	011	58	5	4	9	0	0	33	46		—	—	—	—	..
Rawalpindi	Aliabad *																																								..
	Gilgit *																																								5
	Murree *	106	4	7	25	14	97	02	9	402	59	7	5	5	0	0	43	72	109	9	7	13	02	97	02	9	442	57	5	5	5	8	0	51	53	—	− 5	11.8	− 4.9	15.7	59
Peshawar	Drosh *	000	0	4	23	07	96	03	1	339	91	4	5	7	0	0	34	97	000	9	0	00	00	96	00	9	438	71	0	0	9	0	0	47	62	0	− 11	0.9	—	23.0	18
	Cherat *	000	6	5	18	10	95	05	4	388	75	0	0	9	0	4	58	86	000	3	0	18	02	98	00	0	446	66	0	0	9	0	0	54	63	− 2	− 8	3.2	− 1.7	23.9	29
	Kakul *	079	6	7	34	09	99	01	9	393	72	7	8	7	0	0	58	83	079	9	7	31	05	98	01	2	447	67	6	8	7	7	3	61	55	—	—	6.0	—	33.5	..
	Landi Kotal *	000	0	1	02	05	95	05	4	373	87	1	0	9	5	0	56	97	000	0	0	02	02	98	00	0	438	73	0	0	9	0	0	58	63	—	—	0.7	—	15.0	29
	Parachinar *	000	0	0	13	02	99	00	0	796	82	0	0	9	0	0	55	××	000	0	0	00	03	99	00	0	794	73	0	0	9	0	0	50	××	×	×	5.2	—	24.3	13
D. I. Khan	Miranshah *	000	0	0	13	02	99	00	0	411	81	0	0	9	0	0	80	94	000	0	0	00	00	99	00	0	475	74	0	0	9	0	0	69	69	—	—	1.9	− 0.6	14.3	
	Wana *	000	0	5	07	01	99	20	1	372	87	5	2	8	0	0	59	93	000	0	0	00	00	99	30	1	419	70	0	0	9	0	0	61	65	—	—	1.0	—	13.1	11
Quetta	Fort Sandeman *	000	0	6	23	05	96	03	0	362	96	6	2	6	0	0	49	03	000	0	3	23	02	96	01	0	335	73	3	2	6	0	0	60	67	+ 4	− 7	1.7	− 1.1	12.3	
	Hindubagh *	000	0	0	27	09	98	00	0	371	93	0	0	9	0	0	50	95	000	0	0	00	00	98	00	0	416	79	0	0	9	0	0	53	70	—	—	0	—	12.3	..
	Loralai *	000	0	2	23	05	98	02	1	495	94	0	0	9	3	0	43	95	000	0	0	36	02	98	00	0	451	71	0	0	9	0	0	50	64	—	—	1.7	—	10.5	14
	Harnai *	000	0	0	13	02	98	00	0	—	—	0	0	9	0	0	—	—	000	0	0	27	01	98	00	0	—	—	0	0	9	0	0	—	—	—	—	1.5	− 2.6	13.8	9
	Quetta *	000	0	0	29	03	96	01	0	374	89	0	2	8	0	0	45	93	000	0	0	16	02	95	00	0	430	75	0	0	9	0	0	54	58	—	—	0	− 0.7	9.5	8
Kalat	Chaman *	000	0	0	29	07	97	05	2	405	97	0	0	9	0	0	87	98	000	0	0	20	03	96	05	0	442	78	0	0	9	0	0	[illegible]	80	− 2	− 6	0	− 0.1	10.2	7
	Kalat *	000	0	0	31	05	98	00	0	388	85	0	0	9	0	0	23	89	000	0	0	16	03	98	00	0	431	71	0	0	9	0	0	[illegible]	58	− 2	− 3	0	− 0.8	8.4	..
	Nushki *	000	0	0	36	09	95	00	0	473	03	0	0	9	0	0	48	03	000	0	0	13	05	96	00	0	486	80	0	0	9	0	0	53	79	—	—	0	—	8.0	4
	Dalbandin *	000	0	0	27	09	94	06	0	405	03	0	0	9	0	0	43	04	000	9	0	00	00	94	16	0	409	79	0	0	9	0	0	[illegible]	73	− 5	− 2	0	− 0.1	4.4	5
	Panjgur *	000	0	0	36	03	98	00	0	421	97	0	0	9	0	0	31	98	000	0	0	13	02	98	00	0	427	80	0	0	9	0	0	[illegible]	[illegible]	[illegible]	− 2	0	—	4.2	12
Afghanistan	Kabul *																																								..
	Kandahar *																																								

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

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WEATHER BUREAU

PAKISTAN DAILY WEATHER REPORT

THURSDAY, THE 1st AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I_d w_d w_d P_w H_w$
1	2	3	4	5	6	7	8	9	10	11

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	995 282 268	..	..	400 188 188	..	080 148 002	359 042 562	812 565 655	551 615 702	968 782	..	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	827 178 062	..	..	..	..	127 138 058	411 065 999	884 510 999	637 592 999	983 632	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 192 192	878 175 175	863 155 155	800 222 145	571 572 622	466 558 658	350 698 999	..	..	250 882 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 198 078	795 202 082	745 185 085	665 118 038	584 058 999	548 018 999	523 012 999	367 628 999	350 628 999	250 675 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT : TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra ..	15 06	17 06	22 06	..	..	..	..	..	..
Chekiala ..				..	..	..	..	..	..
Chhor ..	22 24	22 23	21 19	..	..	..	..	..	..
Chittagong ..	No	ascent			..	..	..	..	..
Cox's Bazar ..	18 17	18 14	19 10	19 11	..	..	..	..	..
Dacca ..	15 07	17 05	17 05	21 04	21 06	21 09	17 08	03 02	29 02
Dalbandin ..	..	..	25 16	25 75	27 04	24 11	29 05	35 13	33 09
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	25 07	22 15	21 12	24 14	..	..
Fort Sandeman ..				09 17	24 04	24 07	25 20	26 23	28 30
Jacobabad ..	15 17	15 15	15 13	15 07	18 02	32 10	29 15	26 15	27 15
Jamshoro ..	..	..	..	..	..	..	..	..	..
Jhelum ..	No	ascent							
Jiwani ..	19 05	17 02	17 01	35 03	35 05	35 23	31 14	29 10	36 10
Karachi ..	24 20	24 18	24 13	..	..	..	..	..	..
Khanpur ..	20 08	19 10	20 10	21 06	20 07	23 05	30 07	32 07	29 15
Lahore ..	18 13	17 13	17 13	17 17	16 16	16 06	..	..	..
Multan ..	24 09	21 15	17 17	17 15	22 11	24 13	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	31 09	29 13	27 05	27 12	29 20
Sharjah ..									
Sylhet ..	20 11	22 02	25 06	28 07	27 06	23 10	17 02	33 08	25 05
Varsval ..	..								

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra ..	No	ascent				
Chekiala ..		08 06	11 11	14 18	13 25	12 24
Chhor ..	21 20	22 25	22 26	20 29	..	..
Chittagong ..	18 18	18 17	18 15	18 13	19 09	11 05
Cox's Bazar ..	15 13	16 09	17 07	17 08	18 06	16 02
Dacca ..	18 13	19 13	20 10	19 06	15 06	..
Dalbandin ..	..	..	35 14	35 05	05 04	10 06
D. I. Khan ..	..	..	..	..	..	..
Drosh ..	..	..	..	..	27 03	20 03
Fort Sandeman ..				04 12	01 11	31 13
Jacobabad ..	15 13	17 15	18 09	08 07	06 04	34 10
Jamshoro ..	..	..	..	..	..	..
Jhelum ..	No	ascent				
Jiwani ..	13 07	13 07	..	..	..	..
Karachi ..	28 23	27 20	27 22	..	..	..
Khanpur ..	22 05	22 18	22 19	19 12	11 09	25 16
Lahore ..	13 17	15 19	21 17	24 17	..	..
Multan ..	02 23	02 20	04 12	24 24	23 19	23 12
Muscat ..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	12 10	18 20	16 12	11 07	36 10
Quetta ..	..	..	..	..	16 20	30 13
Sharjah ..				..	..	..
Sylhet ..	17 12	18 15	19 15	..	..	..
Varsval ..				..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	13 05	17 05	..	..	..	..	..	..	..	..	..
Chekiala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..				..	..	..	..	..	..	..	..
Chittagong ..					..	..	..	..	..	..	..
Cox's Bazar ..	14 04	13 04	14 09								..
Dacca ..	13 07	12 11	13 11	16 09							..
Dalbandin ..	18 07	18 07	18 04	17 04	18 18	18 04	14 06	12 09	13 10	15 14	..
D. I. Khan ..	..	..	07 01	10 06	13 10	13 11	13 04	10 06	08 11	..	..
Drosh ..	..	..	..	..	..	..	..	..	..	..	..
Fort Sandeman ..					25 07	19 05	32 05	34 07	36 11	35 43	36 24
Jacobabad ..	..	..	..	02 05	01 05	xx xx	29 27	29 04	29 35	29 37	..
Jamshoro ..	09 09	07 11	07 01	05 07	35 09	27 04	25 05	32 04	..	..	..
Jhelum ..					..	..	..	..	..	..	..
Jiwani ..	16 01	12 01	10 05	12 15	13 12	13 05	..	..	..	..	..
Karachi ..	12 11	09 08	07 11	..	..	..	..	..	..	..	..
Khanpur ..	24 26	25 27	27 27		..	..	..	..	..	..	..
Lahore ..	35 08	35 09	36 09	35 04	21 07	13 21	32 13	26 08	..	..	..
Multan ..	06 08				..	..	..	..	..	..	..
Muscat ..	01 10	03 10	04 14	02 11	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	05 05	06 04	12 05	10 07	33 10	02 13	03 18	03 15	01 12	28 21
Quetta ..	..	..	..	..	22 04	27 06	36 06	36 12	35 18	35 15	28 18
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	16 02	..	..	..	..	..	..	..	..	..	..
Varsval ..		..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 09	26 12	29 13	29 12	35 09	04 06	03 02	33 08	35 07	28 07	24 11	25 10						
Peshawar ..																		
Quetta ..																		

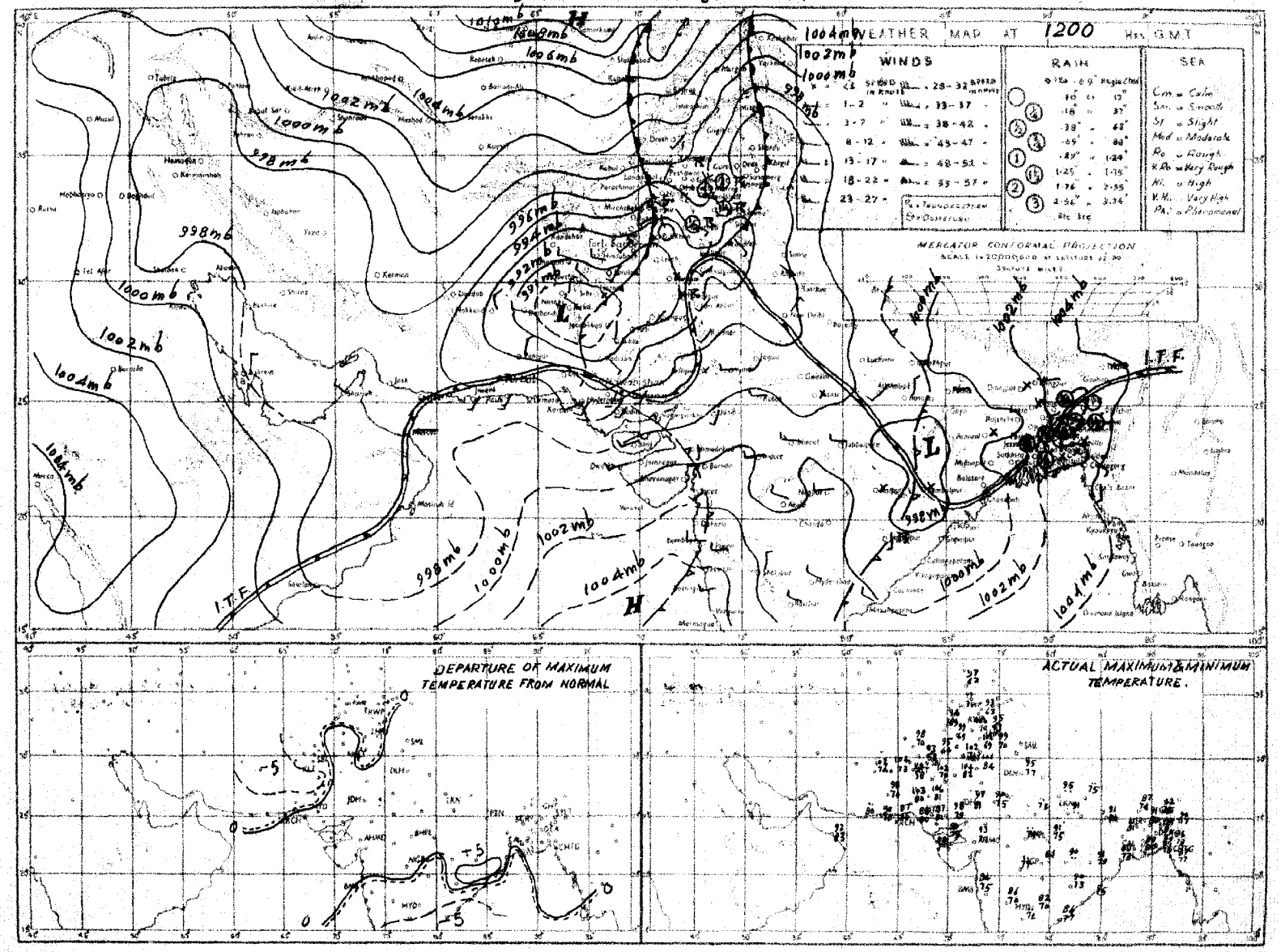
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_fv_f$ etc)

* 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.

PAKISTAN DAILY WEATHER MAP

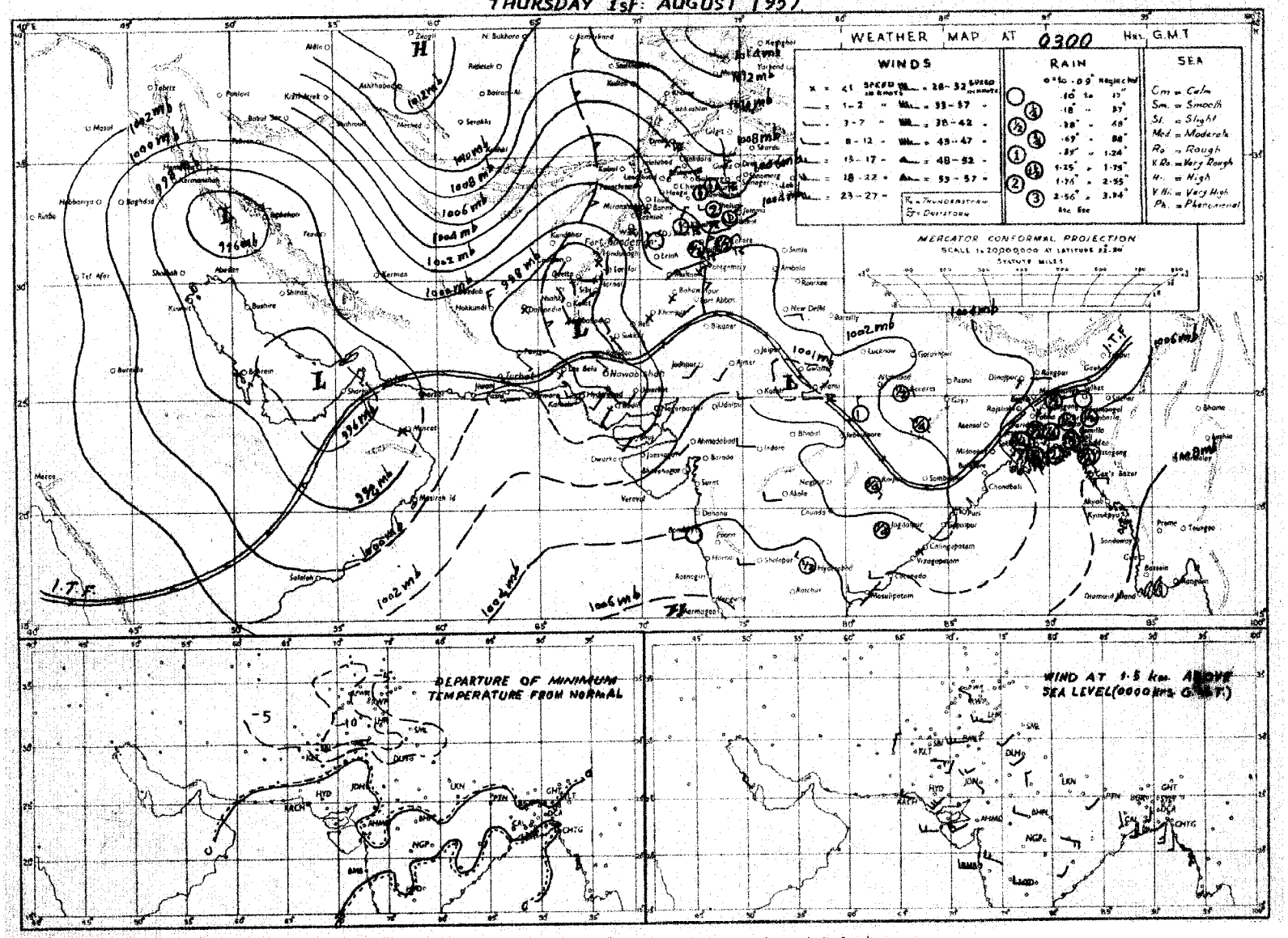
WEDNESDAY 31st JULY 1957.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 1st AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

FIRDAY, THE 2nd AUGUST, 1957

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

A low pressure wave is moving across Kashmir and adjoining Rawalpindi division.
Thunderstorm/showers have been local in Lahore and Rawalpindi divisions and scattered in Multan, Peshawar and Quetta divisions.
A low lies over east Madhya Pradesh and is likely to move west-north-westwards.
Rainfall has been widespread in Chittagong division, fairly widespread in Dacca division and scattered in Rajshahi division.

Chief amounts rainfall are:—Sylhet 3"; Maijdee Court 2"; Murree 1½"; Cox's Bazar 1"; Chittagong and Harnai ¾" each; Comilla, Barisal, Dinajpur, Lahore and Rawalpindi ½" each and Srimangal, Mymensingh, Narayanganj and Sirajganj ¼" each.

Day temperatures were 6-15°F below normal in D. I. Khan, Peshawar, Rawalpindi, Lahore, Multan and Bahawalpur divisions and 3-7°F so in Khairpur, Quetta and north Kalat divisions and were 2-4°F above normal in East Pakistan and in Hyderabad and coastal Kalat divisions.

Forecast valid until the evening of 3rd:—Fairly widespread rain will fall in East Pakistan. Local rain/thundershowers will also occur in Rawalpindi, Lahore and Peshawar divisions and in Kashmir and be scattered in Multan, Bahawalpur, D. I. Khan, Quetta, Hyderabad and Khairpur divisions.

Heavy Rainfall warning:—A few falls of heavy rain are expected in East Pakistan during next 24 hours.

Karachi-11.
The 2nd August, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

		At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																		Departure from Normal of		Rainfall			
DIVISIONS	STATION	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
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	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar ..	044	6	8	13	03	95	60	6	039	81	7	4	6	2	2	78	89	095	9	6	13	03	96	02	6	070	81	6	1	6	0	0	78	75	+ 4	- 1	82.0	+ 13.6	92.9	140
	Chittagong ..	009	2	7	20	09	96	01	6	036	87	6	4	5	1	0	76	89	070	9	5	16	05	97	01	6	069	82	3	4	5	1	0	77	76	+ 3	0	43.7	- 24.7	54.1	108
	Maijdee Court ..	010	9	5	18	02	96	03	6	032	85	2	1	5	2	0	77	88	220	9	8	00	00	96	02	6	066	79	2	1	5	2	×	77	75	+ 2	- 3	33.3	- 12.6	43.2	115
	Comilla ..	000	0	8	18	05	99	02	1	030	87	8	4	5	×	×	79	89	077	8	8	13	05	96	01	6	063	79	8	4	5	×	×	78	76	+ 2	- 1	29.4	- 6.5	41.2	94
	Brahmanbaria ..	000	0	3	23	02	97	03	2	033	85	3	4	5	0	0	77	88	000	0	6	13	07	97	03	2	062	82	6	5	3	0	0	75	76	—	—	27.0	0	44.8	78
	Sylhet ..	000	1	6	00	00	96	21	2	030	85	4	4	4	6	0	78	89	278	9	8	18	02	95	61	6	062	78	5	6	4	2	×	77	76	—	—	47.0	—	97.6	..
	Srimangal ..	029	5	5	23	12	97	03	6	029	87	3	4	6	0	2	78	89	035	5	7	23	02	97	21	6	064	81	4	4	6	0	2	76	76	- 2	0	37.7	+ 5.1	64.4	98
Dacca	Mymensingh ..	037	5	4	00	00	98	02	6	031	83	4	7	5	0	0	79	92	037	0	8	00	00	98	02	6	061	79	8	6	4	×	×	78	78	+ 4	0	33.6	- 0.9	44.6	91
	Narayanganj ..	000	9	8	20	03	94	03	1	031	87	8	7	5	×	×	78	88	020	4	8	18	05	95	03	6	062	81	8	7	3	×	×	77	80	0	+ 1	31.7	+ 5.5	47.9	74
	Dacca (Tezgaon) ..	000	0	7	23	03	98	03	1	021	87	5	8	5	3	1	78	88	005	7	8	13	03	97	61	6	053	81	4	4	4	2	×	79	79	—	—	37.1	—	52.1	..
	Faridpur .	006	2	6	16	10	96	02	6	029	82	6	4	7	0	0	78	88	013	9	8	18	02	96	03	6	046	83	8	5	6	×	×	79	76	+ 1	- 3	27.1	+ 0.6	39.2	71
	Barisal ..	049	5	6	00	00	95	03	5	035	83	5	7	7	1	0	80	87	057	9	4	00	00	95	03	5	057	82	4	0	9	4	0	78	78	0	0	25.4	+ 9	42.4	81
Rajshahi	Khulna ..	000	0	6	18	02	96	03	2	037	82	6	4	6	0	0	75	90	000	0	8	13	03	97	03	2	056	82	8	5	6	×	×	79	79	+ 3	+ 1	27.3	- 0.5	35.3	68
	Satkhira ..	000	4	8	00	00	96	03	2	030	80	8	6	6	×	×	77	88	000	0	8	00	00	97	03	2	053	81	8	7	7	×	×	78	78	0	0	21.1	- 5.3	26.9	65
	Jessore ..	000	0	6	18	02	97	03	2	026	84	4	4	6	6	0	80	91	000	0	8	18	05	97	03	2	054	82	8	4	6	×	×	79	78	—	—	28.9	+ 3.6	32.2	65
	Sirajganj ..	000	0	6	00	00	96	02	0	018	84	6	4	6	0	0	79	86	026	9	6	00	00	97	02	6	047	84	6	5	5	0	0	80	78	- 1	- 1	40.3	+ 15.4	51.2	64
	Bogra ..	000	0	6	00	00	96	02	1	023	85	6	6	6	0	0	78	89	000	0	6	13	02	97	01	1	049	81	6	4	6	0	0	78	79	+ 1	0	41.5	+ 14.7	48.9	69
	Dinajpur ..	046	2	8	00	00	96	61	2	024	82	8	4	7	×	×	79	89	046	2	4	00	00	96	02	6	051	82	4	0	9	2	0	79	74	0	- 5	29.3	- 0.7	32.7	72
	Rangpur ..	000	0	5	16	05	96	03	1	×××	85	4	4	6	1	0	79	89	000	0	5	18	02	96	01	2	×××	83	5	4	6	0	0	79	78	0	- 1	32.8	- 1.8	41.6	84
Kashmir	Jammu ..																																								..
Lahore	Lahore (Jail Rd.) ..	039	9	3	00	00	97	01	6	016	81	1	5	7	7	0	71	91	039	2	0	00	00	96	02	1	049	79	0	0	9	0	0	71	73	- 17	- 5	7.3	- 0.1	16.0	19
	Sialkot ..	000	9	4	13	03	98	01	2	019	82	0	0	9	3	6	72	83	000	0	0	05	03	98	00	0	042	79	0	0	9	0	0	68	72	- 13	- 7	8.5	- 2.8	31.8	32
Rawalpindi	Jhelum ..	000	9	1	13	02	98	02	1	021	84	1	1	7	0	0	69	84	000	0	0	31	03	97	02	0	049	79	0	0	9	0	0	69	72	—	—	5.5	—	16.3	..
	Rawalpindi ..	×××	2	7	00	00	98	97	9	036	70	7	2	6	0	0	67	84	041	9	3	00	00	99	01	9	070	80	3	0	9	2	0	74	××	- 11	—	5.9	- 5.1	21.8	36
	Khushab ..	000	0	3	09	05	99	03	1	020	84	3	2	6	0	0	69	85	000	0	0	07	03	99	00	0	052	84	0	7	9	0	0	69	74	- 16	- 8	5.3	- 0.3	14.0	15
Multan	Lyallpur ..	000	0	6	29	02	96	02	0	018	82	6	3	8	0	0	70	83	000	0	0	02	02	96	00	0	046	78	0	0	9	0	0	72	70	- 16	- 11	4.8	+ 0.5	10.9	12
	Montgomery ..	×××	9	6	05	03	96	02	9	025	81	6	5	7	0	0	75	81	000	0	0	03	00	96	00	0	061	79	0	0	9	0	0	73	70	- 21	- 13	0.2	- 3.3	4.0	10
	Multan ..	000	0	4	23	02	96	03	1	014	88	1	1	7	1	0	72	90	030	0	0	23	02	96	00	0	053	82	0	0	9	0	0	72	73	- 10	- 11	0.7	- 1.9	4.1	7
Bahawalpur	Leiah ..																																								8
	Khanpur ..	000	0	1	02	07	94	07	1	983	95	1	3	8	0	0	74	95	000	0	0	05	02	96	00	0	041	86	0	0	9	0	0	73	80	- 3	- 2	0	- 2.8	1.0	6
	Bahawalpur ..																		000	0	0	00	00	97	00	0	048	80	0	0	9	0	0	75	79		- 4	1.0	- 1.8	3.3	6
	Fort Abbas ..	000	0	6	05	07	95	07	5	988	93	6	1	6	0	0	71	99	000	0	0	05	03	97	00	0	047	87	0	0	9	0	0	69	87	—	—	1.6	—	4.5	8
Peshawar	Chakdara ..	000	0	2	××	××	98	01	2	977	82	1	2	7	2	0	64	84	000	0	0	××	××	97	00	0	031	77	0	0	9	0	0	63	65	—	—	1.9	—	16.7	..
	Peshawar ..	000	0	2	05	03	98	03	0	288	92	2	0	9	3	0	61	93	000	0	0	00	00	98	02	0	039	84	0	0	9	0	0	63	73	- 7	- 6	1.5	- 0.2	12.6	14
	Haripur ..	000	9	8	31	02	96	29	2	023	81	8	3	6	×	×	65	99	003	0	0	13	02	97	02	0	047	75	0	0	9	0	0	67	75	—	—	2.6	—	16.7	..
	Campbellpur ..	000	0	5	00	00	96	03	1	008	01	2	2	6	5	0	84	01	000	0	0	00	00	98	00	0	057	77	0	0	9	0	0	67	73	—	—	2.1	—	17.5	..
D.I. Khan	Bannu ..	000	0	0	11	03	99	00	0	995	88	0	0	9	0	0	68	99	000	0	0	27	02	99	00	0	046	81	0	0	9	0	0	71	75	—	—	1.5	—	8.6	11
	D.I. Khan ..	000	0	0	00	00	98	00	0	020	87	0	0	9	0	0	70	89	000	0	0	00	00	98	00	0	045	80	0	0	9	0	0	73	72	- 12	- 10	2.0	- 1.0	7.6	10
Quetta	Sibi ..	000	6	4	18	02	99	03	1	962	03	4	0	9	9	0	67	04	000	0	0	00	00	99	00	0	036	88	0	0	9	0	0	68	88	—	—	1.1	—	6.2	5
Kalat	Nokkundi ..	000	0	0	34	02	98	02	0	983	02	0	0	9	0	0	34	04	000	0	0	36	02	98	02	0	008	84	0	0	9	0	0	39	74	—	—	0	—	1.9	2
	Turbat ..	000	0	0	23	03	97	07	0	985	01	0	0	9	0	0	83	12	000	0	0	00	00	98	00	0	×××	83	0	0	9	0	0	76	83	—	—	2.5	—	5.9	..
	Jiwani ..	000	0	0	16	12	97	01	0	990	85	0	0	9	0	0	74	88	000	0	8	09	10	97	03	2	034	83	8	6	4	×	×	75	80	—	—	0	—	3.1	4
	Pasni ..	000	0	2	18	03	97	02	0	992	88	2	5	7	0	0	77	90	000	0	0	16	03	96	00	0	038	82	0	0	9	0	0	77	78	+ 1	+ 1	0	- 0.7	6.2	6
	Ormara ..	000	0	0	××	××	98	00	0	995	88	0	0	9	0	0	83	89	000	0	0	00	00	98	00	0	048	85	0	0	9	0	0	81	80	—	—	0	- 0.7	3.8	6
	Las Bela ..																																			—					8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	12	97	02	1	979	86	0	0	9	0	0	77	88	000	0	0	25	05	96	02	0	032	83	0	0	9	0	0	77	80	+ 3	- 1	0.5	- 4.0	0.9	8
	Karachi (Air port)	000	0	1	23	09	96	01	1	982	88	1	5	6	0	0	74	90	000	0	0	00	00	96	02	0	037	84	0	0	9	0	0	72	78	—	—	0.7	—	1.1	..
	Badin	000	0	0	20	02	97	00	0	993	94	0	0	9	0	0	77	96	000	0	0	23	02	96	00	0	038	83	0	0	9	0	0	76	××	+ 4	—	0	- 4.0	0	9
	Nagarparker ..																																								..
	Umarkot ..	000	0	0	23	03	97	00	0	971	99	0	0	9	0	0	71	95	000	0	0	23	01	97	09	0	035	86	0	0	9	0	0	76	79	—	—	2.8	—	2.8	..
	Hyderabad ..	000	0	1	20	09	97	01	2	976	95	1	5	6	0	0	72	97	000	0	0	00	00	97	02	0	038	85	0	0	9	0	0	74	80	0	0	0.2	- 3.3	2.0	7
Khairpur	Pad-i-dan ..	000	0	4	05	05	97	03	1	970	01	4	4	7	0	0	68	01	000	0	0	00	00	98	02	0	037	91	0	0	9	0	0	73	82	—	—	0	—	1.2	..
	Nawabshah ..	000	0	3	18	03	97	02	0	978	98	3	5	5	0	0	75	01																		—					..
	Sukkur ..	000	3	0	11	03	96	00	2	970	97	0	0	9	0	0	67	97	000	0	0	16	02	96	00	0	039	87	0	0	9	0	0	71	82	—	—	0.1	—	2.9	4
	Kashmore ..																		000	0	0	05	05	99	00	0	048	87	0	0	9	0	0	80	79		—	—	—	—	..
	Jacobabad ..	000	0	0	13	07	96	00	1	986	97	0	0	9	0	0	71	98	000	0	0	09	07	97	02	0	046	89	0	0	9	0	0	72	84	- 7	+ 4	0	- 1.3	3.5	4
Junagarh	Veraval ..																																								20
Afghanistan	Jalalabad ..																																								..
Arabia	Muscat ..	000	0	0	09	05	99	00	0	965	89	0	0	9	0	0	81	92	000	0	0	09	09	99	00	0	001	83	0	0	9	0	0	79	83	+ 1	- 2	0	- 0.1	6.9	4
	Kuwait ..																																								..
	HILL STATIONS																																								
Kashmir	Srinagar * ..																																								26
	Gulmarg ** ..																																								
	Sonamarg ** ..																																								71
	Dras ** ..																																								26
	Leh ** ..																																								3
	Skardu * ..																																								6
	Misgar ** ..	000	0	0	00	00	98	00	0	030	69	0	0	9	0	0	23	72																		—					..
Rawalpindi	Aliabad * ..																																								..
	Gilgit * ..																																								5
	Murree * ..	144	4	7	13	03	98	02	9	452	57	5	3	4	5	0	55	68	144	9	1	27	03	98	01	6	471	62	1	0	7	8	0	48	53	- 4	- 5	13.3	- 3.9	47.2	59
Peshawar	Drosh * ..	000	0	1	27	09	96	03	0	400	83	1	2	7	0	0	48	90	000	0	0	00	00	96	00	0	479	75	0	0	9	0	0	53	67	- 6	- 6	0.9	—	23.0	18
	Cherat * ..	000	0	2	18	05	98	02	1	439	79	2	2	6	0	0	58	80	000	0	0	31	03	98	00	0	476	71	0	0	9	0	0	56	65	- 7	- 6	3.2	- 1.9	23.9	29
	Kakul * ..	010	1	8	11	02	99	61	9	451	65	8	8	7	×	×	60	76	010	9	0	00	00	97	02	5	472	70	0	0	9	0	0	62	62	—	—	6.1	—	33.6	..
	Landi Kotal * ..	000	0	0	02	02	97	00	0	437	84	0	0	9	0	0	54	85	000	0	0	00	00	98	00	0	458	77	0	0	9	0	0	60	66	—	—	0.7	—	15.0	..
	Parachinar * ..	000	0	0	13	02	99	00	0	796	83	0	0	9	0	0	54	××	000	0	0	00	00	99	00	0	795	73	0	0	9	0	0	50	××	—	—	5.2	—	24.3	29
D.I. Khan	Miranshah * ..	000	0	0	23	02	99	00	0	472	84	0	0	9	0	0	81	87	000	0	0	09	02	99	00	0	489	87	0	0	9	0	0	83	××	—	—	2.5	—	14.7	13
	Wana * ..																		000	0	0	00	00	99	00	0	467	71	0	0	9	0	0	61	64	—	—	1.0	—	13.1	..
Quetta	Fort Sandeman * ..	000	0	2	23	02	96	03	0	426	88	2	1	6	0	0	37	90	000	0	4	36	02	97	03	1	477	74	4	0	9	1	0	56	64	- 5	- 10	2.0	- 0.9	12.5	11
	Hindubagh * ..	000	0	0	27	02	98	00	0	389	92	0	0	9	0	0	49	94																		—					..
	Loralai * ..	000	8	5	16	05	98	02	1	452	85	0	0	9	5	0	62	88	000	0	0	00	00	98	00	0	456	70	0	0	9	0	0	62	63	—	—	1.7	—	10.6	..
	Harnai * ..	900	0	8	31	01	96	02	0	×××	××	8	0	9	2	×	××	××	070	1	3	27	01	96	02	6	×××	××	0	0	9	5	0	××	××	—	—	1.6	- 2.6	13.9	14
	Quetta * ..	000	2	1	29	02	96	01	9	387	91	0	0	9	3	0	48	93	000	6	0	18	03	96	02	9	457	72	0	3	9	0	0	60	63	—	—	0	- 0.7	9.5	9
Kalat	Chaman * ..	000	0	0	25	05	97	00	0	415	97	0	0	9	0	0	83	98	300	0	0	20	02	97	00	0	418	85	0	0	9	0	0	81	73	- 2	- 3	0	- 0.1	10.2	8
	Kalat * ..	000	0	0	34	09	98	00	0	399	86	0	0	9	0	0	25	91	000	0	0	18	03	98	00	0	466	70	0	0	9	0	0	57	61	+ 1	0	0	- 0.8	8.4	7
	Nushki * ..	000	0	0	36	09	96	00	0	484	03	0	0	9	0	0	51	04	000	0	0	09	08	97	00	0	506	82	0	0	9	0	0	56	78	—	—	0	—	8.0	..
	Dalbandin * ..	000	0	0	00	00	94	06	0	412	03	0	0	9	0	0	42	05	000	0	1	13	02	95	05	0	445	83	1	0	9	1	0	46	74	- 3	- 1	0	- 0.1	4.4	4
	Panjgur * ..	000	0	0	31	03	98	00	0	426	98	0	0	9	0	0	41	98																		- 3					5
Afghanistan	Kabul * ..																																								12
	Kandahar * ..																																								..

†Given in Code
*These stations report for PPP, the geopotential of the 850 mbs. pressure leve lin geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day
Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

FRIDAY, THE 2nd AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Eihomaru	53 228	684 06	8 24 20	97 02 1	020 84	84 5 ××	7 5 305	..	..	1 22 24
Dwarka	53 251	628 06	8 26 04	99 01 1	996 81	28 4 01	6 5 216	..	0 01 75	..
Eihomaru	53 214	672 12	7 25 16	97 02 2	000 86	75 5 ××	7 5 810	..	..	..
Eihomaru	53 220	660 18	7 25 15	97 02 2	025 81	75 5 ××	7 5 315	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	998 282 272	..	..	410 238 218	..	138 185 078	442 085 002	926 012 622	704 568 999	998 032	276 918	..	995 ×××
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	827 192 143	..	..	..	..	121 112 088	380 570 999	808 588 999	517 642 999	962 800	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached	TROPOPAUSE	
											PPP TTT $T_dT_dT_d$	St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	967 282 272	900 242 225	800 202 192	780 185 178	350 630 999	250 805 999	150 020 999	..	..	072 178 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 202 125	610 000 999	522 588 999	350 732 999	250 902 999	..	..	..	..	250 902 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of °C.)
Se-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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 ..	18 06	19 11	19 12	..	..	..	..	..	..	16 08	20 11	20 10	21 09	21 04	..	07 05	11 05	14 05	17 08	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	06 05	25 03	10 04	10 12	09 18	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	23 19	23 18	20 08	13 22	..	..	..	..	..	29 10	22 07	15 03	13 08	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	19 15	..	..	..	..	..	..	..	..	16 16	..	..	..	..	..	17 07	17 13	17 15	19 17	20 15	21 11	19 07	..	..	..	..
Cox's Bazar ..	No	ascent								18 10	18 06	20 09	22 12	..	..	16 14	16 14	16 17	18 13	20 08	22 10	..	..	..	..	..
Dacca ..	18 14	19 06	20 07	20 09	21 08	14 06	12 09	08 04	18 05	No	ascent			No	ascent	15 09	15 16	16 13	18 13	18 08	..	..	..	..	..	..
Dalbandin ..	..	..	27 03	29 05	30 04	33 06	35 09	08 12	03 16	..	..	10 04	17 05	18 09	03 01	..	..	15 05	20 05	22 07	22 02	20 11	14 11	12 11	30 02	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	21 06	19 03	..	..	..	..	24 07	02 07	23 06	20 05	20 06	36 07	..
Drosh ..	..	..	..	23 12	21 10	20 13	..	..	..	..	..	..	..	..	..	..	..	..	26 02	01 03	31 08	33 19	32 14	32 14	33 28	31 47
Fort Sandeman ..	..	..	..	36 07	35 07	31 05	32 22	33 25	33 31	..	..	..	02 03	20 03	27 14	..	..	..	..	05 04	09 06	03 13	03 24	05 27	05 31	24 21
Jacobabad ..	12 14	12 15	12 16	07 11	02 10	30 27	28 13	36 10	32 10	09 19	12 12	16 07	32 03	28 04	30 06	09 11	10 13	09 09	07 05							
Jacobabad ..																										..
Jhelum ..	16 04	12 06	11 07	10 16	09 15	12 05	25 05	28 07	26 19	09 02	07 11	09 11	11 07	10 15	9 15	34 01	03 03	06 03	09 10	13 06	09 10	06 05	33 08	24 12	26 25	..
Jiwani ..	15 14	14 14	09 07	01 07	01 08	01 13	36 15	05 11	02 11	09 16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Karachi ..	18 08	16 05	05 04	07 15	08 06	09 03	03 08	29 05	27 08	30 06	30 C6	14 02	09 15	06 22	05 15	26 02	26 03	11 06	11 12	02 15	07 14	07 17	06 08	27 04	33 02	14 12
Khanpur ..	02 10	03 12	07 12	10 17	12 20	19 18	..	..	..	06 18	05 17	09 10	30 11	21 06	06 05	04 07	03 06	04 07	34 11	32 04	32 02	03 13	02 23	02 06	..	..
Lahore ..	10 03	08 09	08 07	25 08	23 26	..	..	..	..	04 09	06 12	05 09	20 06	25 04	26 13	32 02	06 03	17 03	17 07	14 04	11 05	36 03	26 09	25 11	..	..
Multan ..	03 06	01 07	02 11	..	..	..	..	..	..	36 67	35 07	34 06	30 04	30 04	30 12	01 08	02 12	03 13	36 14	33 15	29 12	34 18	34 25	34 24	33 20	28 27
Muscat ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	07 13	09 12	14 08	13 10	14 10	34 17	01 15	36 23	..	28 04	29 04	32 05	05 09	08 09	..	07 03	01 03	33 01	09 02	03 04	03 12	35 19	36 17	33 16	28 20
Quetta ..	..	..	..	..	17 05	17 04	34 03	04 06	13 11	..	..	..	..	19 04	30 09	..	..	..	..	23 05	29 06	10 03	18 03	33 03	31 05	30 10
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	06 01	21 02	20 10	20 08	21 06	20 04	..	..	..	No	ascent	..	..	..	..	19 05	19 07	19 07	18 05	19 04	..	..	..	..	..	..
Veraval ..							..	..	..					..	..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 08	33 05	02 04	05 04	12 04	01 11	34 10	01 14	30 08	20 23	24 17	31 11						
Peshawar ..																		
Quetta ..																		

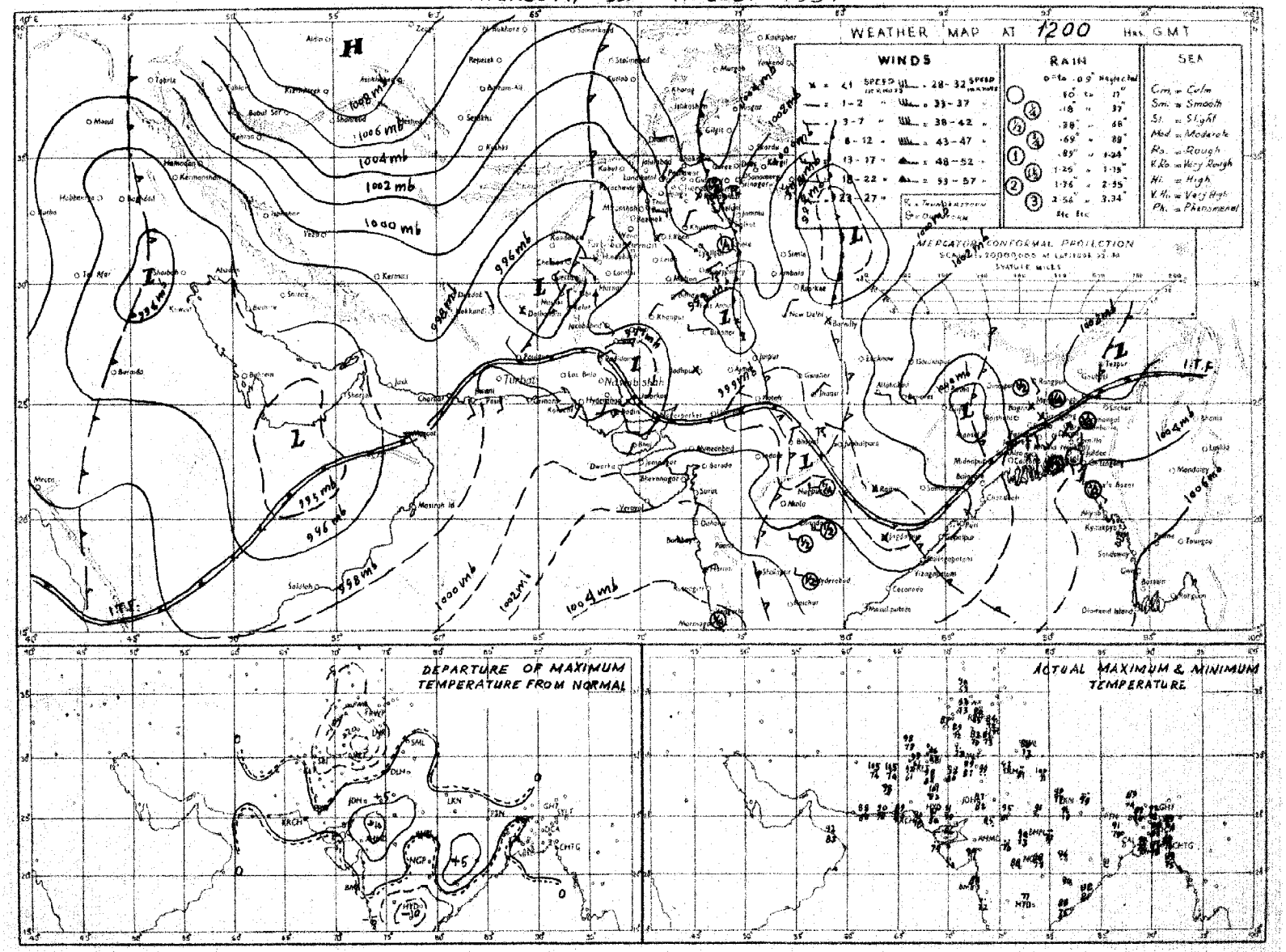
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

* 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.

PAKISTAN DAILY WEATHER MAP

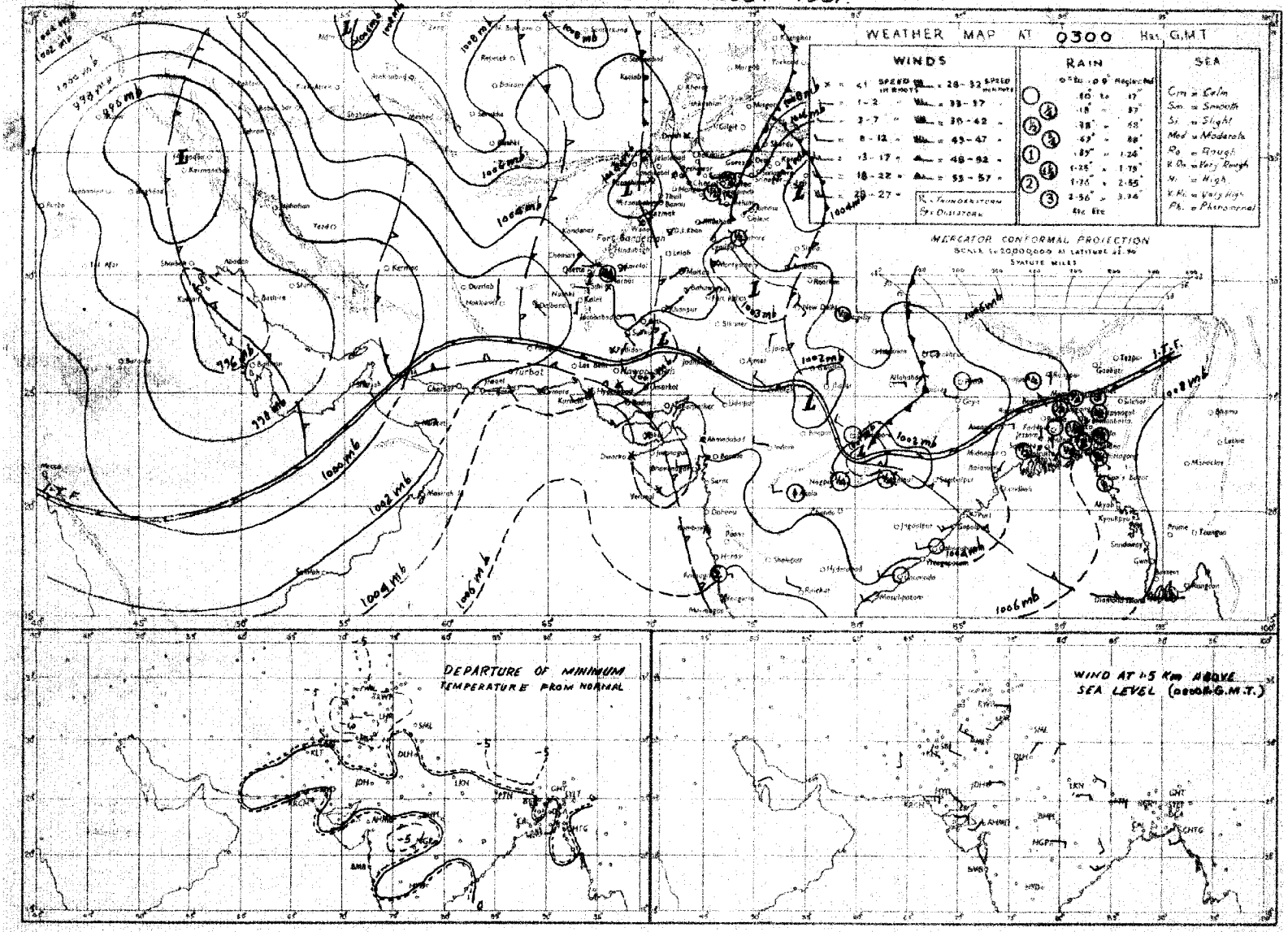
THURSDAY 1st. AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 2nd. AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SATURDAY, THE 3rd AUGUST, 1957.

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

Yesterday's low pressure wave over Kashmir moved away eastwards.

The low over Madhya Pradesh has become unimportant.

Rainfall has been fairly widespread in Chittagong division and scattered elsewhere over East Pakistan.

Chief amounts of rainfall are:—Cox's Bazar and Maijdee Court 1" each; Barisal ¾", Sylhet and Srimangal ½" each and Chittagong ¼".

Day temperatures were 4-10°F below normal in Lahore, Multan, Rawalpindi and Khairpur divisions and were 4-12°F above normal in Hyderabad division, coastal Kalat division and the Federal Capital Area.

Forecast valid until the evening of 4th:—Rainfall will be local in Chittagong and Dacca divisions and scattered in Rajshahi division. Weather will be dry in West Pakistan.

Karachi-11.
The 3rd August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director. Meteorological Service.

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F.	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum temperature °F.	Maximum Temperature	Minimum Temperature	Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
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	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	018	2	7	16	07	95	62	6	054	79	7	4	6	0	0	79	89	090	9	8	16	09	95	62	6	082	77	8	4	6	×	×	75	76	+ 4	0	82.9	+ 13.7	93.7	140
	Chittagong	001	1	8	20	13	96	61	6	051	79	8	7	4	×	×	78	87	020	9	7	16	09	97	03	6	081	80	6	4	4	1	0	76	77	+ 2	+ 1	43.9	- 2.6	51.3	108
	Maijdee Court	105	3	8	13	02	96	03	6	047	81	3	1	6	2	×	79	86	105	9	8	00	00	96	03	2	075	82	4	1	6	2	×	78	78	0	0	34.4	- 12.4	44.3	115
	Comilla	000	0	8	18	12	99	15	0	042	80	8	5	5	×	×	76	88	000	0	8	18	10	96	03	2	075	83	8	4	5	×	×	79	78	+ 1	- 1	29.4	- 7.1	41.2	94
	Brahmanbaria	000	0	6	18	06	97	03	2	035	85	4	4	4	4	0	76	87	000	0	5	18	07	97	03	2	066	83	5	4	3	0	0	77	79	—	—	27.0	- 0.5	44.8	78
	Sylhet	030	2	8	13	02	94	03	6	035	80	6	7	4	2	×	79	87	053	2	8	18	09	96	21	6	062	80	4	5	6	2	×	77	77	—	—	47.5	—	98.1	..
	Srimangal	040	3	6	00	00	97	02	6	040	81	5	4	6	0	1	79	88	044	9	6	23	03	97	02	6	068	84	5	8	6	3	0	77	76	- 3	0	37.7	+ 4.7	64.4	98
Dacca	Mymensingh	000	0	4	00	00	98	02	2	035	85	4	4	5	0	0	78	90	000	0	8	09	02	98	02	2	067	83	8	7	6	×	×	77	78	+ 2	0	33.6	- 1.4	44.6	91
	Narayanganj	000	9	5	18	03	95	03	2	036	85	3	4	6	0	8	76	88	000	9	7	20	02	95	03	2	068	86	5	4	3	3	0	76	80	0	+ 1	31.7	+ 5.1	47.9	74
	Dacca (Tezgaon)	009	9	5	18	03	98	03	6	029	85	3	2	5	0	9	77	87	007	9	7	23	05	98	02	2	062	84	5	8	4	5	0	78	79	—	—	37.2	—	52.1	..
	Faridpur	004	6	6	16	05	96	02	6	035	86	4	4	6	1	0	79	86	004	9	8	18	02	96	03	0	058	85	8	5	7	×	×	78	77	- 1	- 2	27.1	+ 0.1	39.3	71
	Barisal	017	4	6	00	00	95	50	6	038	80	6	5	7	0	0	77	87	075	9	6	00	00	95	03	6	065	83	6	7	7	0	0	79	79	0	+ 1	25.9	- 8.1	43.1	81
Rajshahi	Khulna	000	0	6	18	05	97	01	2	036	82	6	4	6	0	0	76	90	000	0	4	18	05	97	01	2	065	84	4	5	7	0	0	78	79	+ 3	+ 1	27.3	- 0.9	35.3	68
	Satkhira	000	0	6	23	04	97	03	2	026	83	4	6	7	9	0	77	89	000	0	6	13	02	98	03	2	064	86	4	5	8	9	0	79	79	+ 1	+ 1	21.2	- 5.6	26.9	65
	Jessore	000	0	8	13	03	97	03	2	018	84	8	8	6	×	×	80	90	000	0	7	18	07	97	03	2	061	85	4	8	6	6	0	81	78	—	—	28.9	+ 3.4	32.2	65
	Sirajganj	000	0	5	18	01	97	02	0	024	85	3	1	6	0	1	79	87	010	3	8	18	01	95	02	5	067	83	8	7	5	×	×	77	80	0	+ 1	40.4	+ 15.2	51.3	64
	Bogra	000	0	0	13	02	96	00	1	025	87	0	0	9	0	0	79	88	000	0	4	27	02	97	02	0	055	83	4	2	6	0	0	77	79	0	0	41.5	+ 14.3	49.0	69
	Dinajpur	000	8	3	13	02	96	01	1	021	86	3	0	9	1	0	77	92	000	2	6	00	00	96	02	2	053	84	6	0	9	2	0	78	76	+ 3	- 3	29.3	- 1.1	32.7	72
	Rangpur	000	0	6	18	02	96	01	2	×××	87	5	5	6	2	0	80	90	000	0	4	18	02	96	01	2	×××	85	4	5	6	0	0	78	79	+ 1	0	32.8	- 2.2	41.6	84
Kashmir	Jammu																																								..
Lahore	Lahore (Jail Rd.)	000	5	1	23	02	96	01	2	012	89	1	2	8	0	0	71	90	000	1	3	00	00	96	03	1	035	84	2	1	7	3	0	75	75	- 8	- 3	7.3	- 0.3	16.0	19
	Sialkot	000	0	0	13	02	98	00	0	011	90	0	0	9	0	0	73	94	000	0	0	05	02	97	00	0	034	85	0	0	9	0	0	76	78	- 2	- 1	8.5	- 3.0	31.8	32
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	001	95	0	0	9	0	0	66	95	000	0	0	00	00	97	02	0	031	87	0	0	9	0	0	69	76	—	—	5.5	—	16.3	..
	Rawalpindi	000	0	3	00	00	98	02	1	976	95	3	2	7	0	0	65	96	000	0	3	00	00	99	01	1	036	82	3	0	9	2	0	75	68	+ 1	- 8	5.9	- 5.3	21.8	36
	Khushab	000	0	0	23	03	99	00	0	003	93	0	0	9	0	0	70	95	000	0	0	11	02	99	00	0	041	87	0	0	9	0	0	71	78	- 6	- 4	5.3	- 0.4	14.0	15
Multan	Lyallpur	000	0	2	29	02	96	01	0	015	89	0	0	9	0	0	71	90	000	0	0	00	00	96	00	0	033	83	0	0	9	0	0	72	76	- 9	- 5	4.8	+ 0.4	10.9	12
	Montgomery	000	0	0	00	00	96	02	0	014	89	0	0	9	0	0	88	90	000	0	0	00	00	97	00	0	036	82	0	0	9	0	0	75	75	- 12	- 8	0.2	- 3.5	4.0	10
	Multan	000	0	0	05	02	96	00	0	007	97	0	0	9	0	0	66	99	000	0	0	05	02	96	00	0	039	88	0	0	9	0	0	70	78	- 1	- 6	0.7	- 2.0	4.1	7
Bahawalpur	Leiah																																								8
	Khanpur	000	0	0	00	00	96	00	0	988	00	0	0	9	0	0	73	02	000	0	0	18	02	96	00	0	021	92	0	0	9	0	0	71	83	- 1	+ 1	0	- 2.9	1.0	6
	Bahawalpur	000	0	0	00	00	97	00	0	014	97	0	0	9	0	0	70	98	000	0	1	00	00	97	02	0	026	89	0	0	9	0	0	74	81	- 3	- 2	1.0	- 1.9	2.3	6
	Fort Abbas	000	0	0	31	03	97	00	0	999	98	0	0	9	0	0	60	01	000	0	0	02	10	97	00	0	023	95	0	0	9	0	0	82	74	—	—	1.6	—	4.5	8
Peshawar	Chakdara	000	0	1	××	××	98	02	0	974	92	1	2	7	0	0	65	93	000	0	0	××	××	97	00	0	020	77	0	0	9	0	0	70	57	—	—	1.9	—	16.7	..
	Peshawar	000	0	1	05	03	98	02	0	984	98	1	1	7	0	0	58	99	000	0	0	31	03	98	02	0	028	80	0	0	9	0	0	69	73	- 1	- 6	1.5	- 0.3	12.6	14
	Haripur	000	0	1	27	02	97	01	0	986	95	1	0	9	3	0	65	03	000	9	1	23	02	97	01	0	029	82	0	0	9	0	3	67	75	—	—	2.6	—	16.7	..
	Campbellpur	000	0	0	27	03	99	00	0	992	99	0	0	9	0	0	87	99	000	0	0	13	03	99	00	0	032	86	0	0	9	0	0	73	76	—	—	2.1	—	17.5	..
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	999	96	0	0	9	0	0	66	96	000	0	0	13	02	99	00	0	021	84	0	0	9	0	0	66	78	—	—	1.5	—	8.6	11
	D.I. Khan	000	0	0	00	00	98	00	0	981	95	0	0	9	0	0	66	96	000	0	0	00	00	97	00	0	022	82	0	0	9	0	0	73	72	- 5	- 10	2.0	- 1.1	7.6	10
Quetta.	Sibi	000	0	0	00	00	99	00	0	992	04	0	0	9	0	0	67	04	000	0	0	00	00	99	00	0	036	90	0	0	9	0	0	71	90	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	27	02	99	02	0	958	06	0	0	9	0	0	32	08	000	0	0	36	02	99	02	0	018	09	0	0	9	0	0	40	75	—	—	0	—	1.9	2
	Turbat	000	0	0	23	03	97	00	0	005	05	0	0	9	0	0	83	07	000	0	0	23	02	98	00	0	052	86	0	0	9	0	0	74	86	—	—	2.5	—	5.9	..
	Jiwani	000	0	1	16	07	97	01	0	024	86	1	6	4	0	0	74	89	000	0	1	00	00	97	03	0	056	81	0	0	9	0	7	65	79	—	—	0	—	3.1	4
	Pasni	000	0	1	16	14	97	02	0	030	90	1	5	7	0	0	77	93	000	0	1	25	03	97	02	0	066	82	0	0	9	0	1	78	79	+ 4	+ 2	0	- 0.8	6.2	6
	Ormara	000	0	0	00	00	98	00	0	035	91	0	0	9	0	0	81	94	000	0	6	××	××	98	02	0	059	83	6	0	9	2	0	81	80	—	—	0	- 0.7	3.8	6
	Las Bela																		000	0	0	00	00	98	00	0	034	93	0	0	9	0	0	61	81	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	12	97	02	0	005	90	0	0	9	0	0	77	92	000	0	0	25	05	96	02	0	031	84	0	0	9	0	0	77	80	+ 7	+ 1	0.5	- 3.7	0.9	8
	Karachi (Air port)	000	0	2	25	09	96	03	0	008	92	0	0	9	0	4	71	97	000	0	3	27	09	96	01	1	033	85	0	0	9	0	2	76	81	—	—	0.7	—	1.1	..
	Badin	000	0	0	23	09	97	00	0	009	01	0	0	9	0	0	67	05	000	0	0	23	02	96	00	0	038	86	0	0	9	0	0	76	××	+ 13	—	0	- 4.0	0	9
	Nagarparker																																								..
	Umarkot	000	0	0	23	01	97	00	0	007	02	0	0	9	0	0	69	03	000	0	0	23	01	97	00	0	014	87	0	0	9	0	0	76	80	—	—	2.8	—	2.8	..
	Hyderabad	000	0	5	00	00	97	03	0	000	02	2	5	6	0	5	68	04	000	0	2	00	00	97	01	1	025	89	0	0	9	0	5	75	83	+ 7	+ 3	0.2	- 3.4	2.0	7
Khairpur	Pad-i-dan	000	0	3	36	02	98	03	0	993	04	1	1	7	0	2	66	05	000	0	0	05	02	98	01	0	019	93	0	0	9	0	0	71	83	—	—	0	—	1.2	..
	Nawabshah																		000	0	0	00	00	97	02	0	028	92	0	0	9	0	0	74	84	—	—	0.1	—	0.6	..
	Sukkur	000	0	0	36	03	96	00	0	999	98	0	0	9	0	0	74	99	000	0	0	00	00	96	00	0	019	89	0	0	9	0	0	72	84	—	—	0.1	—	2.9	4
	Kashmore	000	0	0	05	03	99	00	0	998	01	0	0	9	0	0	63	04	000	0	0	09	03	99	00	0	032	91	0	0	9	0	0	75	86	—	—	—	—	—	..
	Jacobabad	000	0	0	00	00	97	02	0	008	00	0	0	9	0	0	69	01	000	0	1	03	02	96	02	0	025	93	0	0	9	0	0	73	86	- 4	+ 3	0	- 1.4	3.5	4
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								..
Arabia	Muscat	000	6	5	09	09	99	01	1	009	81	0	0	9	0	2	77	83	000	0	6	09	05	99	01	1	052	80	6	0	9	2	0	68	80	- 8	- 5	0	- 0.1	6.9	4
	Kuwait																																								..
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								..
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **	000	0	0	00	00	98	00	0	054	70	0	0	9	0	0	10	75																		—	—				..
	Aliabad *																																								..
	Gilgit *																																								5
Rawalpindi	Murree *	000	9	2	31	05	98	01	1	450	70	2	0	7	8	0	57	72	000	9	1	27	03	98	01	1	498	66	1	0	7	8	0	50	58	0	0	13.3	- 4.3	47.2	59
Peshawar	Drosh *	000	0	1	23	07	96	01	0	428	93	1	2	7	0	0	44	00	000	0	0	00	00	96	00	0	469	79	0	0	9	0	0	49	70	+ 4	- 3	0.9	—	23.0	18
	Cherat *	000	0	0	18	02	98	00	0	461	87	0	0	9	0	0	61	88	000	0	0	18	02	98	00	0	472	75	0	0	9	0	0	68	68	+ 1	- 3	3.2	- 2.0	23.9	29
	Kakul *	000	2	2	18	03	99	01	1	456	62	1	1	7	0	2	59	83	000	0	0	31	02	97	02	0	474	70	0	0	9	0	0	62	67	—	—	6.1	—	33.6	..
	Landi Kotal *	000	0	0	00	00	97	00	0	449	92	0	0	9	0	0	52	93	000	0	0	02	02	97	00	0	389	81	0	0	9	0	0	59	70	—	—	0.7	—	15.0	..
D.I. Khan	Parachinar *	000	0	0	36	02	99	00	0	797	70	0	0	9	0	0	66	××	000	0	0	00	00	99	00	0	796	73	0	0	9	0	0	48	××	—	—	5.2	—	24.3	29
	Miranshah *	000	0	0	00	00	99	00	0	491	89	0	0	9	0	0	86	91	000	0	0	00	00	99	00	0	516	80	0	0	9	0	0	77	74	—	—	2.5	- 0.2	14.7	13
	Wana *	000	0	0	23	02	99	00	0	428	86	0	0	9	0	0	63	88	000	0	0	00	00	98	00	0	448	76	0	0	9	0	0	59	66	—	—	1.0	—	13.1	..
Quetta	Fort Sandeman *	000	0	3	00	00	96	01	0	448	93	3	2	6	0	0	40	94	000	0	0	00	00	97	00	0	478	80	0	0	9	0	0	63	69	- 1	- 5	2.0	- 0.9	12.5	11
	Hindubagh *	000	0	4	27	05	98	03	0	424	92	4	2	7	0	0	49	93	000	0	0	00	00	98	00	0	460	77	0	0	9	0	0	49	62	—	—	0	—	12.3	..
	Loralai *	000	0	2	16	02	98	02	1	435	86	2	0	9	3	0	59	87	000	0	0	00	00	98	00	0	454	73	0	0	9	0	0	60	64	—	—	1.7	—	10.6	..
	Harnai *	000	0	7	27	01	96	02	2	×××	××	6	0	9	3	1	××	××	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	1.6	- 2.7	13.9	14
	Quetta *	000	0	2	27	05	97	02	0	435	92	2	1	7	0	0	43	93	000	0	0	00	00	96	00	0	462	69	0	0	9	0	0	65	63	—	—	0	- 0.7	9.5	9
Kalat	Chaman *	000	0	0	25	03	97	00	0	446	99	0	0	9	0	0	65	99	000	0	0	27	02	97	00	0	446	85	0	0	9	0	0	42	71	- 1	- 5	0	- 0.1	10.2	8
	Kalat *	000	0	0	20	09	98	00	0	444	84	0	0	9	0	0	47	90	000	0	0	13	05	98	00	0	477	71	0	0	9	0	0	49	57	0	- 4	0	- 0.8	8.4	7
	Nushki *	000	0	0	36	09	96	00	0	494	02	0	0	9	0	0	57	05	000	0	0	13	10	97	00	0	508	83	0	0	9	0	0	39	80	—	—	0	—	8.0	..
	Dalbandin *	000	0	0	23	09	96	00	0	448	04	0	0	9	0	0	49	05	000	0	0	00	00	94	06	0	459	81	0	0	9	0		45	73	- 3	- 2	0	- 0.2	4.4	4
	Panjgur *	000	0	6	23	07	98	00	0	446	95	0	0	9	0	2	62	99	000	0	0	27	02	98	00	0	466	77	0	0	9	0		66	73	- 2	- 3	0	—	4.2	5
Afghanistan	Kabul *	000	0	1	23	03	99	03	0	465	84	1	1	7	0	0	64	86	000	0	0	18	02	99	00	0	528	64	0	0	9	0		56	53	—	—	—	—	—	12
	Kandahar *																																								..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SATURDAY, THE 3rd AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_sL_s$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C_h h_s$	O T_sT_s T_dT_d	$I_{dw} d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Silver Brook	63 172	650 00	8 25 18	97 20 2	030 80	..	..	..	..	..
Dongola	63 215	693 06	5 25 05	97 41 2	070 86			..	..	..
Elbomaru	63 232	634 06	7 24 10	97 02 2	045 82	75 5 00	7 5 305	..	..	..
Silver Brook	63 162	661 06	7 25 15	98 03 2	070 82	..	..	..		..
Dongola	63 220	690 12	8 25 09	98 21 4	060 84			..	..	..
Elbomaru	63 235	621 12	0 24 08	97 00 0	025 86	00 9 00	7 5 300	..	..	..
Elbomaru	63 241	606 18	1 22 08	97 02 0	050 81	11 5 00	7 5 320	..	..	..
Dongola	63 226	683 18	6 29 05	98 20 2	11x 82	..	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface (PPP TTT $T_dT_dT_d$)	1000 mb (HHH TTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sogra ..														
Chittagong ..														
Dacca ..														
Peshawar ..														
Karachi ..	00 00	996 025 705	..	..	480 242 235	..	114 152 075	397 065 625	865 612 702	620 592 999	..	..	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	828 178 145	..	..	..	..	132 162 855	419 572 999	902 035 999	690 520 999	995 400	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels (PPP TTT $T_dT_dT_d$)								Max. Height Reached (PPP TTT $T_dT_dT_d$)	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sogra ..													
Chittagong ..													
Dacca ..													
Peshawar ..													
Karachi ..	00 00	900 252 245	870 252 242	800 202 185	688 142 012	678 122 522	542 605 688	350 642 999	335 670 999	..	335 670 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 198 135	567 052 595	438 858 562	434 000 999	350 555 999	287 705 999	250 748 999	..	..	250 748 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT : $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of °C.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.3	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Sogra ..	17 10	17 10	17 11	16 11	..	..	..	..	..
Chakbela ..						..	..	..	..
Chhor ..	20 04	28 04	36 01	01 07	04 12	..	..	..	..
Chittagong ..	19 28		..	..	..	..	..	..	..
Cox's Bazar ..	No	ascent							
Dacca ..	17 10	18 18	18 13	18 12	16 05	12 09	11 07	11 07	12 07
Dalbandin ..	..	..	28 06	28 05	27 06	30 09	29 05	18 05	08 06
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	23 12	21 09	20 10	36 10	36 20	01 20
Fort Sandeman ..				04 04	04 07	34 07	30 22	34 20	35 23
Jacobabad ..	17 09	15 08	12 05	12 04	03 07	03 15	05 08	34 13	33 03
Jiacore ..	..	..	..	..	..	..	..	..	..
Jhelum ..	..	..	..	..	..	..	..	..	..
Jiwani ..	17 15	14 13	09 15	07 18	04 17	06 10	07 07	04 09	01 02
Karachi ..	23 11	12 09	09 09	06 19	06 23	06 17	07 16	06 14	05 13
Khanpur ..									
Lahore ..	36 01	36 08	36 05	19 04	21 07	21 03	35 04	31 03	31 09
Multan ..	04 03	04 05	02 08	33 13	33 15	33 11	34 20	31 19	28 17
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	31 09	30 07	35 04	34 09	33 04
Sharjah ..			..	..	..	..	..	..	..
Sylhet ..	No	ascent	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Sogra ..	21 18	21 21	22 38	..	..	..
Chakbela ..						
Chhor ..	27 18	30 15	30 10	27 06	04 06	08 12
Chittagong ..	16 08	18 19	21 16	24 18	24 17	..
Cox's Bazar ..	18 11	18 05	20 09	24 11	24 13	25 15
Dacca ..	20 18	20 18	20 17	22 14	22 15	23 18
Dalbandin ..	..	..	25 07	25 21	21 07	31 12
D. I. Khan ..	..	..	..			
Drosh ..	..	..	..	..	23 02	21 02
Fort Sandeman ..				07 03	18 01	32 13
Jacobabad ..	11 06	19 06	18 06	24 12	26 07	32 13
Jiacore ..						
Jhelum ..	10 01	14 04	14 05	13 09	01 06	8 09
Jiwani ..						
Karachi ..	30 17	30 15	31 10	33 06	12 11	11 21
Khanpur ..	07 07	07 04	01 04	28 12	26 19	30 11
Lahore ..	04 06	07 04	12 05	15 09	10 11	10 12
Multan ..	12 06	15 02	25 03	32 06	36 17	32 27
Muscat ..	..	..	..		..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..
Quetta ..	..	..	..	..	30 03	35 10
Sharjah ..			..	..	..	..
Sylhet ..	20 18	22 21	..	..	..	..
Veraval ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Sogra ..	21 12	21 12	..	..	..	..	..	..	..	..	..
Chakbela ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..			..	..	..	..	..	..	..	..	..
Chittagong ..	21 17	22 26	..		..	..	..	..	..	..	..
Cox's Bazar ..	22 10	24 13	24 15	24 16	..	..	..	..	..	..	..
Dacca ..	20 09	20 11									
Dalbandin ..	..	..	14 06	02 05	02 09	29 10	27 11	27 03	15 06	09 04	..
D. I. Khan ..											
Drosh ..	..	..	..	..	23 06	22 07	25 03	36 06	01 06	04 04	33 16
Fort Sandeman ..				02 01	23 06	11 29	18 11	21 12	14 14	15 20	14 15
Jacobabad ..	12 09	16 09	19 09	22 07	25 07	01 15	05 12	08 14	34 07	25 06	18 04
Jiacore ..											
Jhelum ..	13 03	10 03	09 03	01 04	05 03	05 07	10 16	09 15	15 13	24 09	24 06
Jiwani ..											
Karachi ..	28 15	32 15	32 15	33 08	08 09	12 13	06 33	06 46	06 42	11 25	08 14
Khanpur ..	32 06	34 06	11 02	32 08	33 11	36 24	..	..	..	..	..
Lahore ..	06 09	07 07	08 09	11 09	13 10	13 12	15 08	18 09		..	..
Multan ..	01 04	36 04	35 04	35 05	03 08	01 19	35 35	34 37	36 41	35 43	33 58
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	31 05	31 07	34 03	32 05	28 07	..	..
Sharjah ..					..	..	..	..	..	..	..
Sylhet ..	21 15	22 16	22 21	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	29 15	26 13	26 08	02 08	09 10	09 28	06 31	06 26	06 17	06 01	07 18	08 17	09 23	11 31	12 40			
Peshawar ..																		
Quetta ..																		

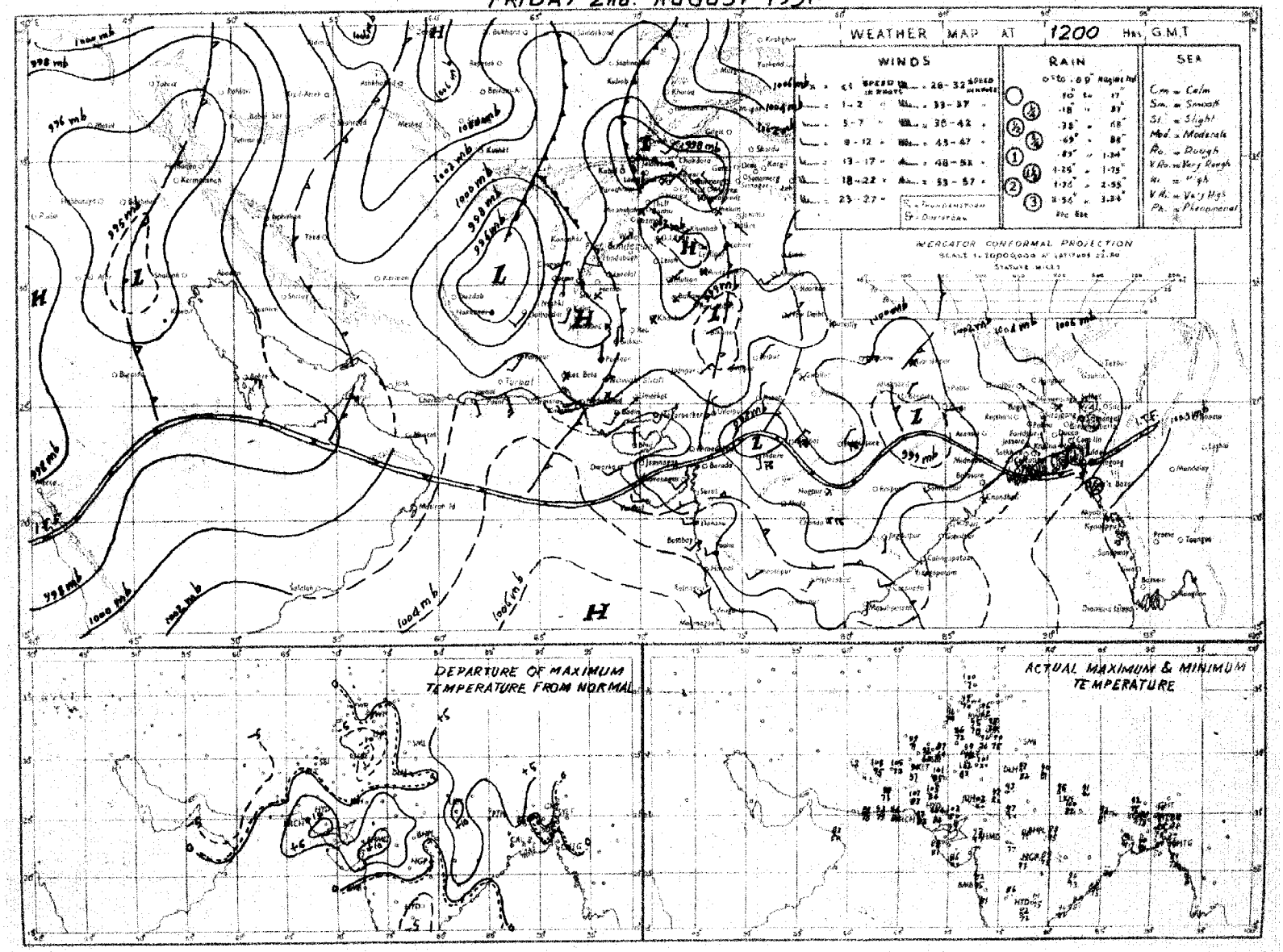
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_sv_T$ etc)

* 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.

PAKISTAN DAILY WEATHER MAP

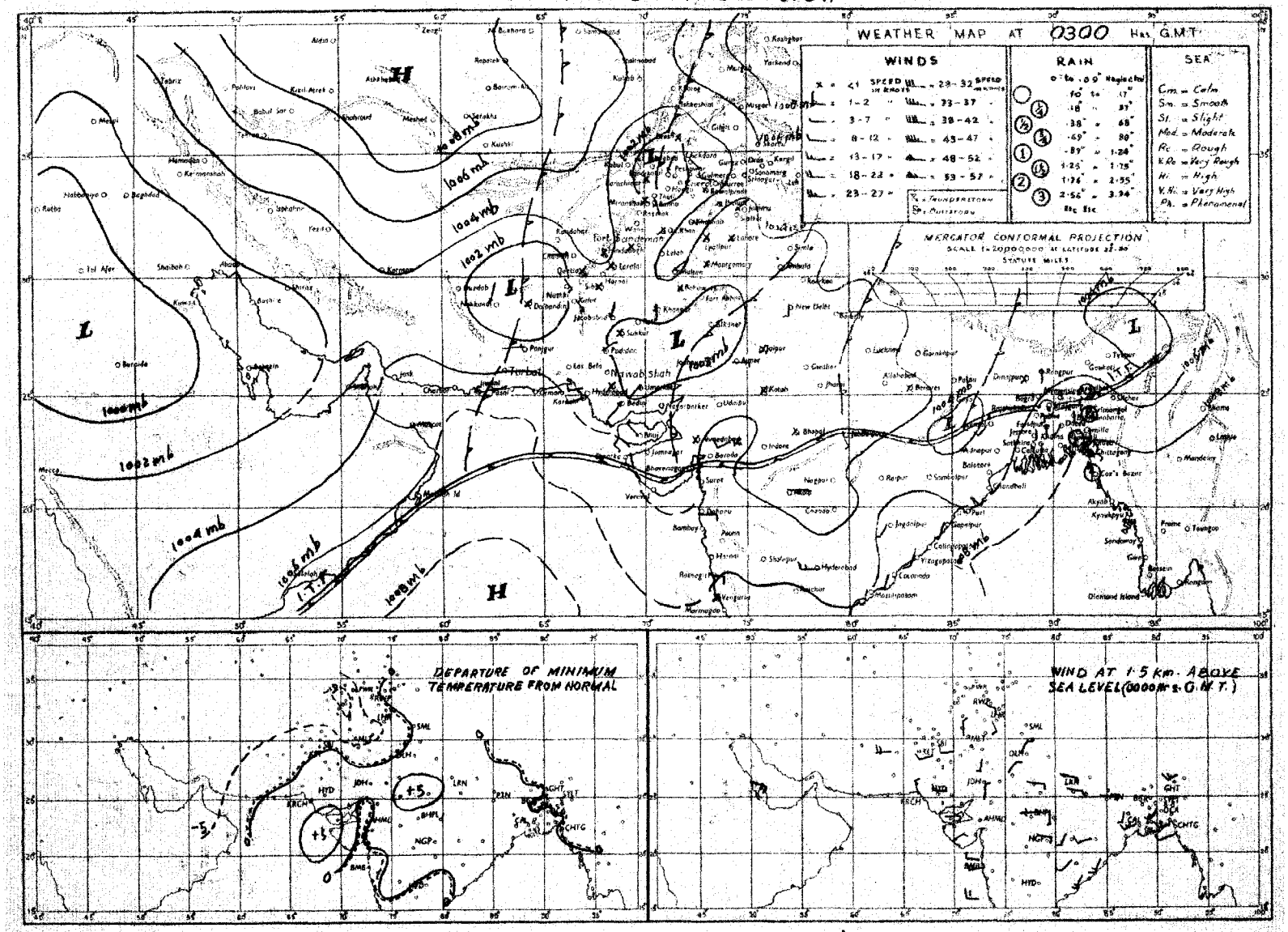
FRIDAY 2nd: AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 3rd. AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SUNDAY, THE 4th AUGUST, 1957.

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

A fresh low pressure wave is moving north of Kashmir with another lying north of Afghanistan.
Weather remained dry over west Pakistan.
Axis of monsoon trough is shifting northwards.
Rainfall has been fairly widespread in Chittagong division, local in Rajshahi division and scattered in Dacca division.

Chief amounts of rainfall are:—Chittagong, Maijdee Court, Sylhet and Srimangal 1½″ each; Satkhira ¾″; Cox's Bazar and Rangpur ½″ each; and Comilla, Faridpur and Dinajpur ¼″ each.

Day temperatures were 10-15°F above normal in Hyderabad and Khairpur divisions and 3-5°F so in Peshawar, Rawalpindi and Bahawalpur divisions and the Federal Capital Area and were 4-6°F below normal in Lahore division.

Forecast valid until the evening of 5th :—Rainfall will be fairly widespread in Chittagong division, local in Dacca division and scattered in Rajshahi division with a few moderate falls in Chittagong division.

A few dust/thunderstorms may also occur in Peshawar and Lahore divisions and Kashmir.

Karachi-11.
The 4th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † W_t (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud N_h (13)	Low Cloud form † C_L (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † C_M (16)	High Cloud form † C_H (17)	Dewpoint temperature °F. T_dT_d (18)	Maximum temperature °F. T_xT_x (19)
Chittagong	Cox's Bazar	002	9	6	16	02	96	03	6	061	82	5	4	6	1	0	78	83
	Chittagong	004	6	6	20	09	96	02	6	045	82	4	4	5	1	0	77	84
	Maijdee Court	145	3	8	00	00	94	61	6	012	76	0	0	9	2	×	75	86
	Comilla	005	6	6	18	05	99	05	1	024	84	6	4	5	0	0	78	89
	Brahmanbaria	000	0	4	18	03	97	03	2	032	83	4	5	5	0	0	75	89
	Sylhet	003	5	8	27	05	97	02	6	025	81	6	4	6	2	×	76	87
	Srimangal	068	6	7	18	03	97	02	6	031	82	7	4	6	0	0	79	89
Dacca	Mymensingh	000	0	4	00	00	98	02	2	023	88	4	4	5	0	0	77	90
	Narayanganj	000	9	6	00	00	95	03	2	030	84	1	1	6	2	8	75	90
	Dacca (Tezgaon)	000	6	7	23	02	98	02	2	021	83	1	1	5	0	1	75	89
	Faridpur	018	5	6	18	05	96	02	6	033	84	6	4	7	0	0	78	90
	Barisal	006	0	6	00	00	95	50	3	036	80	5	0	9	6	0	77	87
Rajshahi	Khulna	000	0	8	13	03	97	01	2	032	82	2	5	7	3	×	78	91
	Satkhira	079	0	8	00	00	97	03	2	028	84	6	5	7	9	0	79	89
	Jessore	000	0	6	18	03	97	02	2	037	83	4	4	6	6	0	80	89
	Sirajganj	000	0	3	18	04	97	00	0	010	83	2	1	6	0	1	77	89
	Bogra																	
	Dinajpur	000	2	4	00	00	96	02	2	047	88	0	0	9	4	0	××	91
	Rangpur	005	6	7	18	02	96	03	5	×××	89	7	5	6	0	×	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	2	00	00	97	01	1	996	94	2	0	9	3	0	75	94
	Sialkot	000	0	0	31	03	97	00	0	996	95	0	0	9	0	0	73	97
Rawalpindi	Jhelum	000	5	1	00	00	98	02	0	987	96	1	0	9	3	0	70	98
	Rawalpindi	000	0	0	00	00	99	00	0	971	98	0	0	9	0	0	66	98
	Khushab	030	0	0	11	03	99	00	0	991	96	0	0	9	0	0	69	97
Multan	Lyallpur	000	0	0	13	02	96	00	0	999	94	0	0	9	0	0	68	95
	Montgomery	000	0	2	05	03	98	01	1	994	93	2	1	7	0	0	73	94
	Multan	000	0	0	05	02	96	00	0	987	02	0	0	9	0	0	66	03
Bahawalpur	Leiah																	
	Khanpur	000	0	0	05	02	96	00	0	980	04	0	0	9	0	0	71	07
	Bahawalpur	000	0	0	00	00	97	00	0	905	00	0	0	9	0	0	69	02
	Fort Abbas	000	0	0	05	03	97	00	0	936	98	0	0	9	0	0	60	02
Peshawar	Chakdara	000	0	1	××	××	98	03	1	895	94	1	4	7	0	0	64	97
	Peshawar	000	0	1	05	03	97	02	0	963	98	1	1	7	0	0	68	00
	Haripur	000	5	1	13	02	97	01	0	962	99	0	0	9	0	3	64	02
	Campbellpur	000	0	0	23	07	99	00	0	978	00	0	0	9	0	0	77	00
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	979	98	0	0	9	0	0	63	98
	D.I. Khan	000	0	0	00	00	98	00	0	016	99	0	0	9	0	0	69	00
Quetta	Sibi	000	0	0	00	00	98	00	0	970	09	0	0	9	0	0	63	10
Kalat	Nokkundi	000	0	0	34	02	99	02	0	970	06	0	0	9	0	0	40	06
	Turbat	000	0	0	27	02	97	00	0	997	01	0	0	9	0	0	81	10
	Jiwani	000	0	3	23	12	96	03	1	027	87	0	0	9	0	2	73	××
	Pasni	000	0	0	23	23	95	07	0	029	89	0	0	9	0	0	79	93
	Ormara	000	0	0	××	××	98	00	0	025	88	0	0	9	0	0	83	90
	Las Bela	000	0	0	12	04	98	00	0	001	06	0	0	9	0	0	85	11
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	27	12	97	00	0	000	88	0	0	9	0	0	81	90
	Karachi (Air port)	000	0	0	25	12	97	02	1	997	95	0	0	9	0	0	72	02
	Badin	000	0	0	31	02	97	00	0	995	08	0	0	9	0	0	66	11
	Nagarparker																	
	Umarkot	000	0	0	31	01	97	00	0	957	07	0	0	9	0	0	65	08
	Hyderabad	000	0	1	00	00	97	01	0	980	07	1	5	6	0	0	63	09
Khairpur	Pad-i-dan	000	0	1	36	02	98	01	0	975	09	1	1	7	0	0	55	11
	Nawabshah	000	0	1	23	02	97	02	0	983	08	1	1	7	0	0	72	09
	Sukkur	000	0	0	29	03	96	00	0	975	05	0	0	9	0	0	70	05
	Kashmore																	
	Jacobabad	000	0	0	13	07	97	02	0	976	06	0	0	9	0	0	79	07
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	6	09	03	99	01	1	027	83	0	0	8	0	1	74	83
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	0	27	03	98	00	1	441	73	0	0	9	0	0	57	74
Peshawar	Drosh *	000	0	1	23	09	95	01	0	407	96	1	2	7	0	0	45	00
	Cherat *	000	0	0	18	02	98	00	0	446	88	0	0	9	0	0	64	90
	Kakul *	000	0	0	20	02	99	00	0	446	84	0	0	9	0	0	61	86
	Landi Kotal *	000	0	0	02	03	97	00	0	434	93	0	0	9	0	0	63	93
	Parachinar *	000	0	0	13	02	99	00	0	797	85	0	0	9	0	0	62	××
D.I. Khan	Miranshah *	000	0	0	05	02	99	00	0	485	94	0	0	9	0	0	89	62
	Wana *	000	0	3	09	01	99	00	1	438	88	3	0	8	4	0	61	92
Quetta	Fort Sandeman *	000	0	2	00	00	96	01	0	437	97	2	1	6	0	0	35	98
	Hindubagh *																	
	Loralai *	000	0	2	16	02	98	02	1	434	91	2	0	9	3	0	53	91
	Harnai *	000	0	0	18	01	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	27	05	98	00	0	429	94	0	0	9	0	0	37	94
Kalat	Chaman *	000	0	0	25	05	98	00	0	453	98	0	0	9	0	0	44	00
	Kalat *	000	0	0	31	05	98	00	0	445	85	0	0	9	0	0	23	89
	Nushki *	000	0	0	36	06	96	00	0	413	03	0	0	9	0	0	48	04
	Dalbandin *	000	0	0	31	03	95	05	0	458	05	0	0	9	0	0	43	07
	Panjgur *	000	0	0	31	03	98	00	0	461	00	0	0	9	0	0	45	02
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † W_t (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud N_h (30)	Low Cloud form † C_L (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † C_M (33)	High Cloud form † C_H (34)	Dewpoint temperature °F. T_dT_d (35)	Minimum temperature °F. T_nT_n (36)
Cox's Bazar	067	9	8	16	02	95	61	6	077	76	8	5	6	1	×	75	76
Chittagong	126	9	8	16	09	96	63	6	068	76	8	7	3	×	×	76	75
Maijdee Court	170	6	8	00	00	96	02	2	063	82	3	5	5	2	×	81	76
Comilla	035	4	8	18	05	99	50	6	052	83	8	4	5	×	×	80	77
Brahmanbaria	000	0	8	18	05	97	03	2	·051	84	8	5	3	×	×	78	78
Sylhet	128	9	7	18	05	96	02	6	045	82	5	7	4	7	0	78	77
Srimangal	135	0	7	18	03	97	02	2	051	80	7	8	6	0	0	76	76
Mymensingh	000	0	8	09	02	98	02	2	043	85	8	4	5	×	×	78	80
Narayanganj	080	9	8	25	05	95	03	2	047	86	4	5	3	7	×	77	82
Dacca (Tezgaon)	000	0	8	23	05	97	02	2	041	85	4	6	4	J	×	79	81
Faridpur	018	9	8	23	02	95	03	0	038	85	8	5	7	0	0	79	77
Barisal	006	8	6	18	01	96	01	1	043	85	6	0	8	8	0	79	77
Khulna	000	0	8	18	03	97	03	2	048	85	8	5	6	×	×	78	80
Satkhira	079	0	6	33	02	98	03	2	053	84	4	5	8	9	0	78	79
Jessore	000	0	7	18	07	97	03	2	041	84	5	6	6	0	0	81	79
Sirajganj	000	0	8	18	02	95	02	2	031	83	8	4	5	×	4	77	81
Bogra	000	0	6	27	02	97	02	1	029	82	6	6	6	0	0	78	81
Dinajpur	032	2	8	00	00	96	03	2	022	81	8	4	7	0	0	80	76
Rangpur	067	3	8	09	02	95	63	6	×××	81	8	7	5	7	7	80	79
Jammu																	
Lahore (Jail Rd.)	000	4	1	00	00	96	02	1	005	87	1	1	7	0	0	76	79
Sialkot	000	0	0	00	00	97	00	0	002	87	0	0	9	0	0	74	81
Jhelum	000	0	0	00	00	97	02	0	005	88	0	0	9	0	0	72	78
Rawalpindi	000	0	0	00	00	99	00	!	023	85	0	0	9	0	0	75	73
Khushab	000	0	0	00	00	98	00	0	006	88	0	0	9	0	0	72	79
Lyallpur	000	0	0	00	00	96	00	0	002	89	0	0	9	0	0	75	78
Montgomery	000	0	0	13	02	98	00	0	000	86	0	0	9	0	0	76	76
Multan	000	0	0	13	02	96	00	0	990	88	0	0	9	0	0	73	79
Leiah																	
Khanpur	000	0	0	18	02	96	00	0	988	95	0	0	9	0	0	65	83
Bahawalpur	000	0	0	03	00	97	00	0	985	90	0	0	9	0	0	77	82
Fort Abbas	000	0	0	05	03	97	00	0	093	96	0	0	9	0	0	75	79
Chakdara	000	0	0	00	00	97	00	0	983	79	0	0	9	0	0	64	60
Peshawar	000	0	0	31	03	97	02	0	987	84	0	0	9	0	0	71	73
Haripur	000	0	0	27	02	97	00	0	987	86	0	0	9	0	0	67	79
Campbellpur	000	0	0	13	62	98	00	0	997	89	0	0	9	0	0	71	83
Bannu	000	0	0	05	02	99	00	0	986	86	0	0	9	0	0	68	80
D.I. Khan	000	0	0	00	00	97	00	0	994	86	0	0	9	0	0	76	79
Sibi	000	0	0	00	00	99	00	0	985	92	0	0	9	0	0	70	91
Nokkundi	000	0	0	34	02	99	02	0	010	90	0	0	9	0	0	58	78
Turbat	000	0	0	27	02	98	00	0	006	75	0	0	9	0	0	75	73
Jiwani	000	0	3	26	07	97	03	1	042	02	0	0	9	0	1	73	80
Pasni	000	0	4	27	07	97	00	0	046	81	4	0	9	0	8	77	79
Ormara	000	0	6	××	10	98	02	0	039	82	6	0	9	2	0	81	80
Las Bela	000	0	0	00	02	98	00	0	004	90	0	0	9	0	0	82	81
Karachi (Manora)	000	0	0	27	07	96	02	0	018	83	0	0	9	0	0	80	80
Karachi (Air port)	000	0	4	27	12	96	03	0	016	85	2	6	5	0	1	76	82
Badin	000	0	0	23	02	96	00	0	019	85	0	0	9	0	0	78	××
Nagarparker	×××	×	0	18	09	97	20	1	—	—	0	0	9	0	0	—	—
Umarkot	000	0	0	23	03	97	03	0	991	89	0	0	9	0	0	76	83
Hyderabad	000	0	3	23	05	97	03	2	996	88	0	0	9	0	5	73	84
Pad-i-dan	000	0	2	13	12	98	01	0	982	92	0	0	9	9	1	67	86
Nawabshah	000	0	1	18	03	97	02	0	982	91	0	0	9	0	1	72	83
Sukkur	000	0	0	00	00	96	00	0	982	90	0	0	9	0	0	73	88
Kashmore	000	0	0	09	01	99	00	0	032	91	0	0	9	0	0	75	83
Jacobabad	000	0	0	09	03	97	02	0	988	94	0	0	9	0	0	74	86
Veraval																	
Jalalabad																	
Muscat	000	0	0	09	02	99	00	0	035	82	0	0	9	0	0	67	80
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	000	0	0	00	00	98	00	0	031	63	0	0	9	0	0	25	43
Aliabad *																	
Gilgit *																	
Murree *	000	4	1	00	00	98	01	1	444	68	1	1	4	0	0	55	59
Drosh *	000	0	0	00	00	96	00	0	441	82	0	0	9	0	0	53	72
Cherat *	000	0	0	18	02	97	00	0	449	76	0	0	9	0	0	60	72
Kakul *	000	0	1	00	00	97	01	0	448	78	1	1	8	0	0	64	70
Landi Kotal *	000	0	0	02	02	97	00	0	434	85	0	0	9	0	0	62	72
Parachinar *	000	0	0	00	00	99	00	0	794	71	0	0	9	0	0	50	××
Miranshah *	000	0	0	00	00	99	00	0	472	83	0	0	9	0	0	76	75
Wana *	000	0	0	00	00	98	00	0	448	75	0	0	9	0	0	55	××
Fort Sandeman *	000	0	0	00	00	96	00	0	447	81	0	0	9	0	0	55	74
Hindubagh *	000	0	0	00	00	98	00	0	453	79	0	0	9	0	0	47	65
Loralai *	000	0	0	27	02	98	00	0	432	72	0	0	9	0	0	32	02
Harnai *	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××
Quetta *	000	0	1	00	00	96	03	0	447	66	1	7	8	0	0	48	55
Chaman *	000	0	0	00	00	97	00	0	449	××	0	0	9	0	0	78	69
Kalat *	000	0	0	16	03	98	00	0	474	67	0	0	9	0	0	53	53
Nushki *	000	0	0	18	06	97	00	0	508	85	0	0	9	0	0	54	78
Dalbandin *	000	0	1	00	00	96	02	0	443	76	0	0	9	0	1	42	68
Panjgur *	000	0	0	09	02	98	00	0	459	80	0	0	9	0	0	53	75
Kabul *	000	0	0	00	00	99	00	0	517	63	0	0	9	0	0	57	54
Kandahar *																	

Departure from Normal of / Rainfall

Station (2)	Departure from Normal of: Maximum Temperature T_xT_x (37)	Departure from Normal of: Minimum Temperature T_nT_n (38)	Rainfall: Since 1st June 1957 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1957 to date (41)	Rainfall: Annual normal (42)
Cox's Bazar	−2	0	83.5	+13.5	94.5	140
Chittagong	−2	−1	45.1	−1.9	52.5	108
Maijdee Court	0	−2	36.1	−11.5	44.3	115
Comilla	+2	0	29.7	−7.3	41.6	94
Brahmanbaria	—	—	27.0	−1.0	44.8	78
Sylhet	—	—	48.8	—	99.4	..
Srimangal	−2	0	39.1	+5.6	65.7	98
Mymensingh	+2	+2	33.6	−1.8	44.6	91
Narayanganj	+2	+3	31.7	+4.7	47.9	74
Dacca (Tezgaon)	—	—	37.2	—	52.1	..
Faridpur	+3	−2	27.3	+0.1	39.4	71
Barisal	0	−1	26.0	−7.5	43.2	81
Khulna	+4	+2	27.3	−1.3	35.3	68
Satkhira	+1	+1	22.0	−5.1	27.7	65
Jessore	—	—	28.9	+3.0	32.2	65
Sirajganj	+2	+2	40.4	+14.8	51.3	64
Bogra		+2	41.5	+13.9	49.0	69
Dinajpur	+3	−3	29.7	−1.3	33.6	72
Rangpur	+2	0	33.5	−1.9	42.3	84
Jammu						..
Lahore (Jail Rd.)	−4	+1	7.3	−0.4	16.0	19
Sialkot	+1	+2	8.5	−3.3	31.8	32
Jhelum	—	—	5.5	—	16.3	..
Rawalpindi	+3	−3	5.9	−5.6	21.8	36
Khushab	−4	−3	5.3	−0.5	14.0	15
Lyallpur	−4	−3	4.8	+0.3	10.9	12
Montgomery	−8	−7	0.2	−3.6	4.0	10
Multan	+3	−5	0.7	−2.1	4.1	7
Leiah						8
Khanpur	+6	+1	0	−3.0	1.0	6
Bahawalpur	+1	−1	1.0	−2.0	2.3	6
Fort Abbas	—	—	1.6	—	4.5	8
Chakdara	—	—	1.9	—	16.7	..
Peshawar	0	−6	1.5	−0.4	12.6	14
Haripur	—	—	2.4	—	16.7	..
Campbellpur	—	—	2.1	—	17.5	..
Bannu	—	—	1.5	—	8.6	11
D.I. Khan	−1	−3	2.0	−1.1	7.6	10
Sibi	—	—	1.1	—	6.2	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	..
Jiwani	—	—	0	—	3.1	4
Pasni	+4	+2	0	−0.8	6.2	6
Ormara	—	—	0	−0.7	3.8	6
Las Bela		—	1.5	—	2.6	8
Karachi (Manora)	+5	+1	0.5	−3.7	0.9	8
Karachi (Air port)	—	—	0.7	—	1.1	..
Badin	+19	×	0	−4.1	0	9
Nagarparker	—	—	—	—	—	..
Umarkot	—	—	2.8	—	2.8	..
Hyderabad	+12	+4	0.2	−3.5	2.0	7
Pad-i-dan	—	—	0	—	1.2	..
Nawabshah	—	—	0.1	—	0.6	..
Sukkur	—	—	0.1	—	2.9	4
Kashmore	—	—	—	—	—	..
Jacobabad	+2	+3	0	−1.4	3.5	4
Veraval						20
Jalalabad						..
Muscat	−8	−5	0	−0.1	6.9	4
Kuwait						..
HILL STATIONS						
Srinagar *						26
Gulmarg **						..
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **		—	—	—	—	..
Aliabad *						..
Gilgit *						5
Murree *	+2	+1	13.3	−4.7	47.2	59
Drosh *	+4	−1	0.9	—	23.0	18
Cherat *	+3	+1	3.2	−2.2	23.9	29
Kakul *		—	6.1	—	33.6	..
Landi Kotal *		—	0.7	—	15.0	..
Parachinar *	—	—	5.2	—	24.3	29
Miranshah *	—	—	2.5	−0.3	14.7	13
Wana *	—	×	1.0	—	13.1	..
Fort Sandeman *	+3	0	2.0	−1.0	12.5	11
Hindubagh *	—	—	0		12.3	..
Loralai *	—	—	1.7	—	10.6	..
Harnai *	—	—	1.6	−2.8	13.9	14
Quetta *	—	—	0	−0.7	9.5	9
Chaman *	0	−7	0	−0.1	10.2	6
Kalat *	−1	−8	0	−0.8	8.4	7
Nushki *	—	—	0	—	8.0	..
Dalbandin *	−1	−7	0	−0.2	4.4	4
Panjgur *	+1	−1	0	—	4.2	5
Kabul *		—	—	—	—	12
Kandahar *						..

†Given in Code.

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SUNDAY, THE 4th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_M C_H$	$D_s V_s$ s PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Lanvekerk	73 244	664 00	2 27 09	98 01 0	100 82		..	..	..	..
Dongola	73 143	670 06	0 32 13	98 01 0	110 86	00 9 00	..	..	..	..
Lanvekerk	73 237	650 06	4 29 10	98 02 0	108 86		..	..	..	..
Canterbury	73 256	573·06	4 12 10	98 02 1	069 88	41 3 00	3 5 121	..	0 50 77	1 12 20
Lanvekerk	73 232	647 12	2 25 05	98 10 1	000 88	..	..	..	..	..
Lanvekerk	73 235	637 18	4 24 05	98 2x 2	05x 84	..	..	..	..	..
Silver Brook	73 107	708 18	3 29 10	99 1x 1	10x 81	..	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT T_dT_d	HHH TTT T_dT_d								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	998 282 255	..	..	410 238 178	..	143 142 082	424 045 502	889 535 575	628 608 655	978 738	261 958	..	691 248
Lahore ..														
Multan ..														
Peshawar ..	00 00	××× ·×× ×××	Missing											
Quetta ..	00 00	827 192 502	Missing											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached	TROPOPAUSE: St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	PPP TTT $T_dT_dT_d$	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 262 212	800 215 158	350 675 705	250 845 992	150 105 999	088 280 999	068 225 999	062 212 999	..	062 212 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	Missing											
Quetta ..	00 00	Missing											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb : Dew Point temperatures (in tenths of 9C.)
Sp-Character of tropopause.

HHH, HHHH (heights)-Tens of geopocential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bagra ..	20 16	20 17	21 16	..	..	..	..	..	..
Chaklala ..	..	26 04	26 04	27 05	33 05	33 10	04 11	07 13	03 15
Chhor ..	27 08	29 06	32 06	01 06	04 09	04 16	..	..	..
Chittagong ..	18 17	18 20	19 19	21 22	..	..	..	..	..
Cox's Bazar ..	18 11	21 13	23 17	23 20	..	..	..	..	..
Dacca ..	20 18	22 21	22 21	23 18	24 13	26 14	26 07	23 04	28 02
Dalbandin ..	..	..	05 03	23 07	03 09	05 06	35 09	28 07	16 06
D.I.Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	23 10	22 10	20 09	34 12	34 15	33 11
Fort Sandeman ..	..	..	..	11 11	12 04	32 05	30 22	35 20	32 17
Jacobabad ..	15 08	14 08	15 07	15 05	06 07	35 13	03 07	24 13	31 15
Jaisalmer ..	..	..	..	..	..	..	..	..	..
Jhelum ..	22 01	24 01	27 01	34 03	35 09	01 21	07 11	07 05	34 07
Jiwani ..	22 08	17 05	12 05	06 10	06 18	06 24	04 18	04 15	..
Karachi ..	27 19	27 12	22 07	34 07	03 12	04 09	08 21	05 09	05 11
Khanpur ..	36 04	35 06	33 06	35 11	36 12	36 19	01 53	..	..
Lahore ..	09 03	07 04	06 04	04 03	12 04	06 09	06 11	29 06	26 13
Multan ..	06 09	06 10	05 08	35 09	35 15	02 20	35 35	35 44	..
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	34 06	30 06	33 06	32 07	31 08
Sharjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	26 15	24 16	23 19	23 21	23 13	24 12	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bagra ..	21 23	..	..	..	..	..
Chaklala ..	..	09 07	12 12	14 07	27 06	27 06
Chhor ..	26 21	28 22	26 15	23 08	23 03	03 13
Chittagong ..	18 27	18 27	20 25	21 22	22 19	..
Cox's Bazar ..	18 22	19 17	22 14	24 13	25 13	28 10
Dacca ..	22 20	22 21	23 21	24 31	..	..
Dalbandin ..	..	..	24 03	36 04	34 09	05 03
D.I.Khan ..	..	..	..	..	..	..
Drosh ..	..	..	..	..	31 01	03 02
Fort Sandeman ..	..	..	..	22 02	25 06	30 23
Jacobabad ..	14 13	18 11	21 10	22 11	25 11	32 13
Jaisalmer ..	..	..	..	..	..	..
Jhelum ..	14 03	18 09	18 06	18 04	30 05	34 09
Jiwani ..	26 12	27 12	28 10	33 04	01 10	05 23
Karachi ..	28 22	28 29	..	..	..	..
Khanpur ..	12 12	12 06	13 03	27 12	27 13	27 15
Lahore ..	02 02	11 03	14 03	16 05	08 08	08 11
Multan ..	12 15	12 07	02 04	35 04	27 06	22 06
Muscat ..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	33 12	34 04	28 05	12 10	16 12
Quetta ..	..	..	..	..	30 06	30 14
Sharjah ..	..	..	..	..	..	..
Sylhet ..	19 19	21 24	..	..	..	..
Veraval ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bagra ..	21 15	24 25	24 20	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	No	ascent									..
Cox's Bazar ..	17 12	19 17	22 17	22 17	23 15	24 15	26 12	..	..	..	..
Dacca ..	20 14	21 84	21 27	..	..	..	..	..	..	..	..
Dalbandin ..	..	..	09 05	05 06	34 04	26 02	14 04	12 10	08 07	29 06	20 12
D.I.Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	19 03	14 07	32 08	35 13	35 09	34 03	11 21
Fort Sandeman ..	..	..	..	33 01	31 04	31 15	35 05	32 07	32 12	29 13	..
Jacobabad ..	14 09	18 07	22 04	27 05	31 09	35 10	20 02	26 04	22 05	04 04	17 22
Jaisalmer ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	18 01	18 04	18 05	32 03	33 06	32 09	02 04	04 10	30 08	27 15	..
Jiwani ..	26 11	30 09	29 09	34 08	04 13	05 15	05 15	12 11	07 09	..	..
Karachi ..	27 26	27 25	29 22	30 12	34 05	07 09	08 17	10 23	10 14	09 12	09 25
Khanpur ..	15 09	17 09	20 06	25 11	28 14	35 26	01 15	34 08	..	..	..
Lahore ..	05 05	11 04	25 03	25 03	23 03	08 14	28 10	26 15	26 15	27 17	27 23
Multan ..	16 01	06 01	31 02	32 02	34 05	35 12	35 12	31 13	31 15	23 12	27 12
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	02 15	04 15	03 12	05 16	05 08	19 11	29 12	30 19	26 25	22 36
Peshawar ..	..	..	..	..	31 08	32 08	14 11	28 04	26 07	..	..
Quetta ..	..	..	..	..	..	..	..	..	..	..	..
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	19 09	21 17	..	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 25	29 21	27 20	27 15	29 13	11 17	07 31	05 17	07 14	11 16	08 27	10 17	12 25	12 33	11 35	12 41	12 45	09 37
Peshawar ..																		
Quetta ..																		

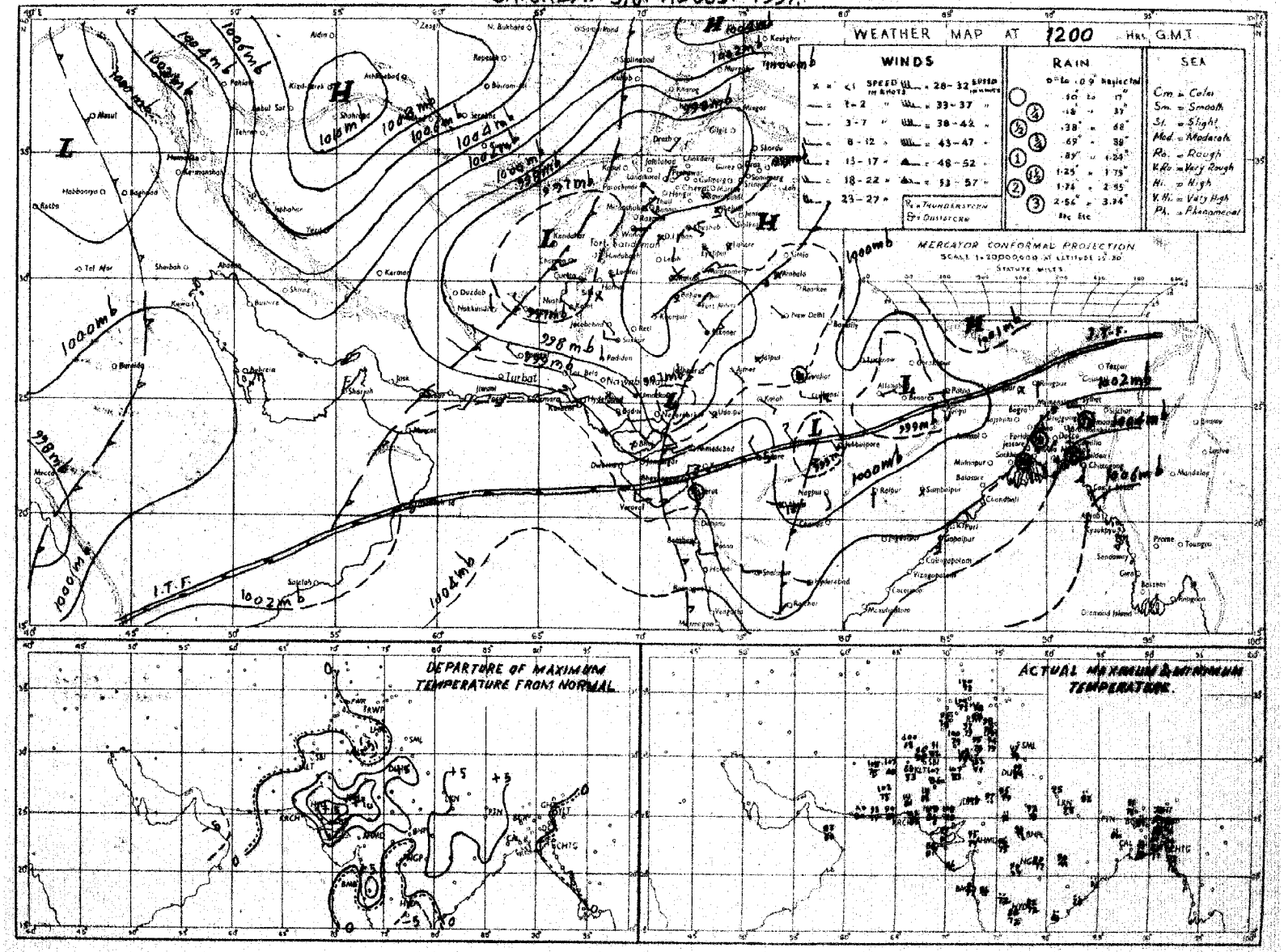
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

* 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.

PAKISTAN DAILY WEATHER MAP

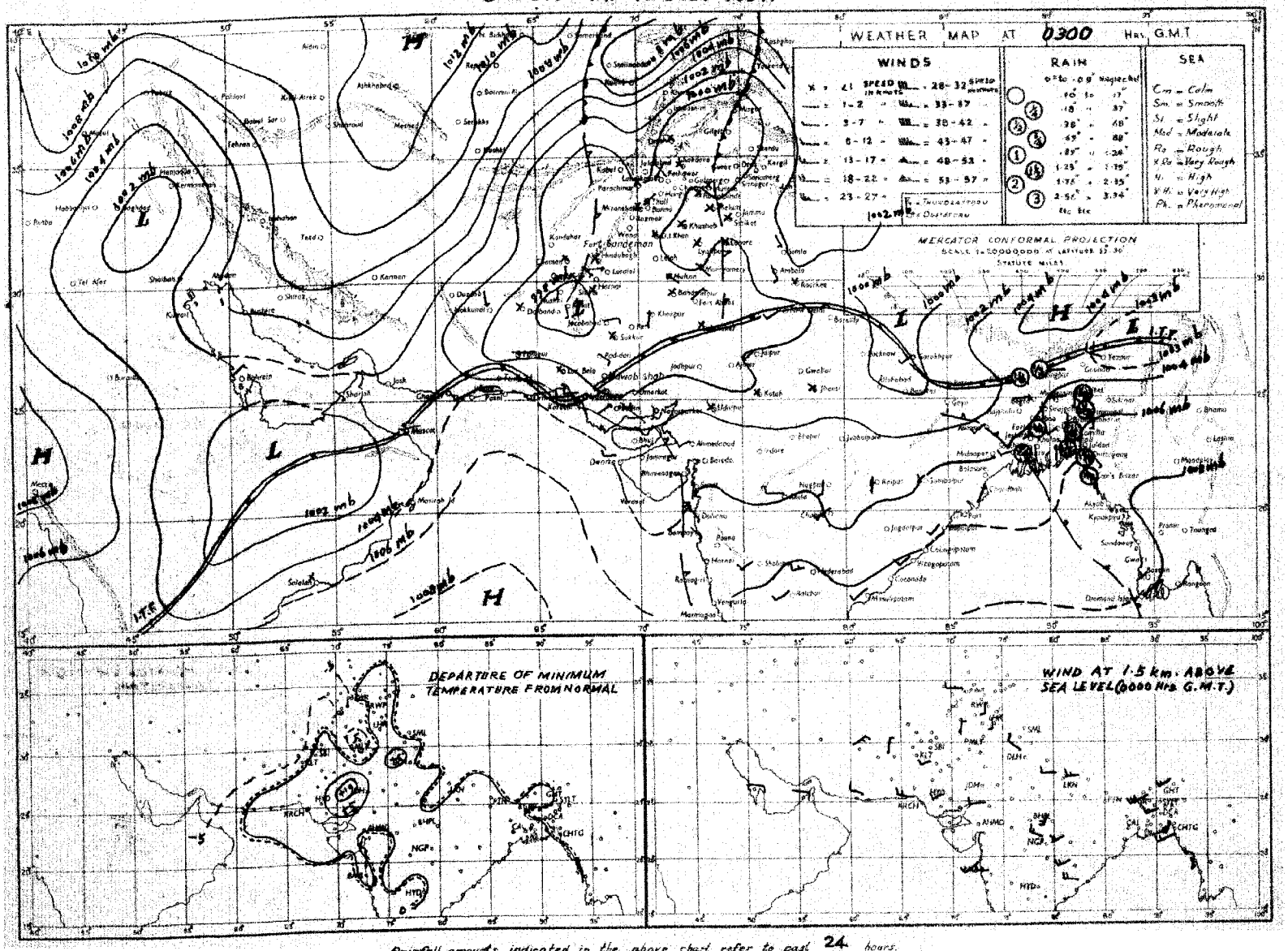
SATURDAY 3rd. AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 4th AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

MONDAY, THE 5th AUGUST, 1957.

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

The low pressure wave north of Kashmir moved away eastwards.

The low pressure wave over Afghanistan is affecting the extreme north of West Pakistan.

Widespread rain with a few locally heavy falls have occurred in Chittagong division and local in Dacca and Rajshahi divisions.

Chief amounts of rainfall are:—Chittagong, and Sylhet 4" each; Cox's Bazar 3"; Rangpur 2"; Mymensingh 1½"; Bogra 1"; Dinajpur ½" and Comilla, Brahmanbaria and Srimangal ½" each.

Day temperatures were 8-12°F above normal in Hyderabad division and 3-7°F so elsewhere over West Pakistan outside north Kalat, Lahore, D. I. Khan and eastern districts of Multan division.

Forecast valid until the evening of 6th :—Rainfall will be fairly widespread in East Pakistan. Local rain/thundershowers will occur in Lahore and Rawalpindi divisions, and scattered in D. I. Khan, Peshawar and Multan divisions.

Heavy rainfall warning:—Locally moderate to heavy rain will fall in East Pakistan during next 24 hours.

Karachi-11.
The 5th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director. Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at† Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility† VV (8)	Present weather† ww (9)	Past weather† W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form† CL (14)	Height of Lowest Cloud† h (15)	Medium Cloud form† CM (16)	High Cloud form† CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	014	9	7	16	03	95	60	6	041	82	7	5	6	4	0	79	87
	Chittagong	300	8	6	20	05	96	02	9	080	82	3	3	6	2	0	79	84
	Maijdee Court	000	9	8	13	02	96	03	2	025	85	3	5	5	2	×	79	87
	Comilla	022	2	8	18	07	98	02	2	068	81	8	4	5	×	×	77	88
	Brahmanbaria	000	0	5	18	02	97	03	2	017	84	3	5	5	0	7	78	89
	Sylhet	020	8	8	18	09	96	17	6	013	82	4	3	5	2	×	78	86
	Srimangal	032	6	8	13	02	97	02	9	016	81	6	4	6	3	2	78	87
Dacca	Mymensingh	000	0	8	13	02	98	02	2	010	87	8	7	4	×	×	75	90
	Narayanganj	000	9	8	00	00	95	03	2	016	85	4	0	9	7	8	77	91
	Dacca (Tezgaon	000	9	7	18	05	98	02	2	008	85	1	1	6	3	6	79	90
	Faridpur	000	8	8	20	05	96	02	2	003	87	6	4	7	1	0	81	90
	Barisal	002	5	4	18	01	96	01	6	013	84	4	0	8	8	0	79	88
Rajshahi	Khulna	000	0	8	00	00	97	03	2	013	86	8	4	6	×	×	79	92
	Satkhira	000	0	6	23	02	98	03	2	020	87	4	9	8	9	0	79	91
	Jessore	000	0	8	13	02	97	03	2	019	84	8	8	6	×	×	80	90
	Sirajganj	025	1	8	00	00	93	65	2	999	81	8	7	4	×	×	78	89
	Bogra	015	3	6	05	02	96	60	6	007	79	6	7	6	0	0	78	89
	Dinajpur	040	6	7	09	02	95	02	6	008	78	3	5	7	0	0	77	82
	Rangpur	195	8	8	18	02	95	52	6	×××	77	8	7	5	×	×	77	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.	000	0	0	27	02	97	02	0	965	97	0	0	9	0	0	64	98
	Sialkot	000	0	0	23	03	97	00	0	958	98	0	0	9	0	0	77	00
Rawalpindi	Jhelum	000	0	0	18	07	97	02	0	949	98	0	0	9	0	0	75	00
	Rawalpindi	000	0	0	00	00	99	00	0	920	00	0	0	9	0	0	67	01
	Khushab	000	0	0	18	03	98	00	0	952	00	0	0	9	0	0	69	02
Multan	Lyallpur	000	0	0	00	00	96	00	0	967	97	0	0	9	0	0	68	00
	Montgomery	000	0	0	00	02	97	00	0	966	98	0	0	9	0	0	72	99
	Multan	000	0	0	05	02	96	00	0	958	04	0	0	9	0	0	69	06
Bahawalpur	Leiah																	
	Khanpur	000	0	0	00	00	96	00	0	949	10	0	0	9	0	0	69	10
	Bahawalpur	000	0	0	00	00	97	00	0	961	04	0	0	9	0	0	75	06
	Fort Abbas	000	0	0	05	03	97	00	0	958	01	0	0	9	0	0	65	02
Peshawar	Chakdara	000	0	0	00	00	98	00	0	913	96	0	0	9	0	0	69	98
	Peshawar	000	0	1	05	05	98	02	0	928	00	1	1	7	0	0	67	01
	Haripur	000	6	1	05	00	97	01	0	929	01	1	2	6	×	×	68	03
	Campbellpur	000	0	0	09	03	99	00	0	935	01	0	0	9	0	0	67	03
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	941	00	0	0	9	0	0	67	01
	D.I. Khan	000	0	0	00	00	98	03	0	022	95	0	0	9	0	0	68	99
Quetta	Sibi	000	0	0	00	00	98	00	0	937	13	0	0	9	0	0	53	16
Kalat	Nokkundi	000	0	0	34	02	99	02	0	966	04	0	0	9	0	0	25	06
	Turbat	000	0	0	23	02	97	00	0	955	12	0	0	9	0	0	79	12
	Jiwani	000	0	3	23	12	96	03	0	009	87	0	0	9	3	1	75	89
	Pasni	000	6	0	25	28	94	07	3	011	87	0	0	9	0	0	83	92
	Ormara	000	0	0	××	12	96	00	0	010	86	0	0	9	0	0	82	89
	Las Bela	000	9	0	12	04	99	00	0	013	04	0	0	9	0	0	84	09
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	12	98	02	0	994	86	0	0	9	0	0	81	89
	Karachi (Air port)	000	0	0	25	17	96	01	0	995	89	0	0	9	0	0	76	93
	Badin	000	0	0	23	03	97	00	0	988	01	0	0	9	0	0	72	04
	Nagarparker	×××	×	0	09	05	96	30	3	—	—	0	0	9	0	0	—	—
	Umarkot	000	0	0	23	03	97	00	0	948	06	0	0	9	0	0	75	08
	Hyderabad	000	0	0	23	07	97	04	0	969	05	0	0	9	0	0	68	08
Khairpur	Pad-i-dan	000	0	0	00	00	98	01	0	944	13	0	0	9	0	0	51	14
	Nawabshah																	
	Sukkur	000	0	0	25	02	96	00	0	944	10	0	0	9	0	0	67	10
	Kashmore																	
	Jacobabad	000	0	0	18	03	97	02	0	946	09	0	0	9	0	0	66	11
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	004	85	0	0	9	0	0	76	87
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	067	75	0	0	9	0	0	25	79
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	3	29	03	98	01	1	416	75	3	1	4	0	0	61	76
Peshawar	Drosh *	000	0	0	23	07	96	00	0	381	98	0	0	9	0	0	44	01
	Cherat *	000	0	0	18	03	97	00	0	421	90	0	0	9	0	0	63	93
	Kakul *	000	0	0	20	03	99	00	0	418	86	0	0	9	0	0	83	88
	Landi Kotal *	000	0	0	02	03	97	03	3	409	93	0	0	9	0	0	65	95
	Parachinar *	000	0	0	36	02	99	00	0	797	85	0	0	9	0	0	62	××
D. I. Khan	Miranshah *	000	0	0	11	02	99	00	0	460	94	0	0	9	0	0	90	96
	Wana *																	
Quetta	Fort Sandeman *	000	0	0	31	02	97	00	0	405	01	0	0	9	0	0	23	03
	Hindubagh *	000	0	0	27	05	98	00	0	412	93	0	0	9	0	0	38	95
	Loralai *	000	0	0	13	05	98	00	0	458	93	0	0	9	0	0	49	94
	Harnai *	000	0	0	09	01	98	00	0	—	—	0	0	9	0	0	—	—
	Quetta *	000	0	0	29	02	98	00	0	416	92	0	0	9	0	0	53	93
	Chaman *	000	0	0	25	05	98	00	0	432	98	0	0	9	0	0	69	00
Kalat	Kalat *	000	0	0	31	05	98	00	0	437	85	0	0	9	0	0	23	88
	Nushki *	000	0	0	36	06	98	00	0	495	04	0	0	9	0	0	22	05
	Dalbandin *	000	0	0	13	03	96	02	0	440	04	0	0	9	0	0	35	05
	Panjgur *	000	0	0	05	03	98	00	0	450	99	0	0	9	0	0	32	01
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at† Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility† VV (25)	Present weather† ww (26)	Past Weather† W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form† CL (31)	Height of Lowest Cloud† h (32)	Medium Cloud form† CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1957 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	314	9	7	16	03	95	60	6	057	81	7	5	6	1	0	80	76	+ 2	0	86.7	+ 15.8	97.6	140
	Chittagong	363	9	6	16	05	97	02	6	047	82	5	4	5	1	0	79	76	− 1	0	48.8	− 1.1	56.2	108
	Maijdee Court	000	9	8	13	02	96	03	2	040	85	2	1	6	2	×	80	81	+ 1	+ 3	36.1	− 12.3	44.3	115
	Comilla	022	2	8	18	05	99	21	6	036	82	8	5	5	×	×	78	78	+ 1	+ 1	29.9	− 1.4	41.8	94
	Brahmanbaria	029	2	8	18	03	97	03	6	030	83	8	5	3	×	×	80	80	—	—	27.3	− 1.2	45.1	78
	Sylhet	383	9	8	00	00	95	63	6	032	78	7	7	3	2	×	78	76	—	—	52.6	—	103.2	
	Srimangal	032	0	8	13	05	97	03	2	033	82	8	4	6	×	×	76	78	− 4	+ 2	39.9	+ 5.5	66.1	98
Dacca	Mymensingh	173	9	6	09	02	98	02	6	028	84	6	4	5	0	0	77	76	+ 2	− 2	35.3	− 0.5	49.4	91
	Narayanganj	000	9	8	20	05	95	03	2	029	87	8	7	4	×	×	80	82	+ 3	+ 3	31.7	+ 4.4	47.9	74
	Dacca (Tezgaon	000	9	8	23	03	97	02	9	020	85	4	5	4	2	×	80	83	—	—	37.2	—	52.1	
	Faridpur	004	9	8	23	02	96	03	5	019	86	8	5	7	0	0	81	79	+ 3	0	27.3	− 0.5	39.5	71
	Barisal	002	9	6	18	02	95	03	5	035	87	7	0	9	6	0	81	80	+ 1	+ 2	26.0	− 8.0	43.2	81
Rajshahi	Khulna	030	0	8	18	03	97	01	2	030	86	8	5	6	×	×	81	81	+ 5	+ 3	27.3	− 1.7	35.3	68
	Satkhira	000	0	7	20	00	97	03	2	028	86	5	9	7	6	0	79	82	+ 3	+ 4	22.0	− 5.5	27.7	65
	Jessore	000	0	8	18	05	97	03	2	025	84	8	4	6	×	×	81	80	—	—	28.9	+ 2.6	32.2	65
	Sirajganj																		+ 2					64
	Bogra	104	6	1	18	02	97	01	6	014	80	6	4	6	0	0	80	78	+ 1	− 1	42.6	+ 14.6	50.0	69
	Dinajpur	068	2	8	00	00	96	02	2	023	80	8	4	7	0	0	79	73	− 7	− 6	30.3	− 1.1	33.7	72
	Rangpur	203	0	8	13	05	95	02	2	×××	81	8	7	5	×	×	80	76	− 8	− 3	35.5	− 0.3	44.3	84
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.	000	0	0	18	02	96	02	0	976	88	0	0	9	0	0	75	80	0	+ 2	7.3	− 0.6	16.0	19
	Sialkot	000	0	0	00	00	97	00	0	958	88	0	0	9	0	0	73	83	+ 4	+ 4	8.5	− 3.6	31.8	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	963	89	0	0	9	0	0	77	81	—	—	5.5	—	16.3	..
	Rawalpindi	000	0	0	00	00	99	00	1	965	88	0	0	9	0	0	73	77	+ 6	+ 1	5.9	− 5.9	21.8	36
	Khushab	000	0	0	00	00	98	00	0	966	93	0	0	9	0	0	71	81	+ 1	− 1	5.3	− 0.6	14.0	15
Multan	Lyallpur	000	0	0	07	02	96	00	0	961	88	0	0	9	0	0	76	82	+ 1	+ 1	4.8	+ 0.2	10.9	12
	Montgomery	000	0	8	13	02	98	00	0	949	88	0	0	9	0	0	76	81	− 3	− 2	0.2	− 3.7	4.0	10
	Multan	000	0	0	13	02	96	00	0	963	90	0	0	9	0	0	73	82	+ 6	− 2	0.7	− 2.2	4.1	7
Bahawalpur	Leiah																							8
	Khanpur	000	0	0	00	00	96	00	0	955	91	0	0	9	0	0	75	84	+ 7	+ 1	0	− 3.9	1.0	6
	Bahawalpur	000	0	0	00	00	99	00	0	956	91	0	0	9	0	0	73	83	+ 5	0	1.0	− 2.0	2.3	6
	Fort Abbas	000	0	0	00	00	99	00	3	×××	××	0	0	9	0	0	61	××	—	—	1.6	—	4.5	8
Peshawar	Chakdara	000	0	2	00	00	97	02	0	945	87	0	×	7	8	×	68	62	—	—	1.9	—	16.7	
	Peshawar																		+ 1					14
	Haripur	000	5	1	23	02	97	01	0	946	88	1	0	9	0	3	72	81	—	—	2.6	—	16.7	..
	Campbellpur	000	0	0	13	02	98	00	0	987	88	0	0	9	0	0	70	85	—	—	2.1	—	17.5	..
D. I. Khan	Bannu	000	0	0	09	02	99	00	0	952	90	0	0	9	0	0	69	××	—	—	1.5	—	8.6	11
	D.I. Khan	000	0	0	00	00	97	00	0	955	88	0	0	9	0	0	73	79	− 7	− 3	2.0	− 1.2	7.6	10
Quetta	Sibi	000	0	0	00	00	99	00	0	952	92	0	0	9	0	0	73	92	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	34	05	98	02	0	996	99	0	0	9	0	0	38	82	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	98	00	0	007	93	0	0	9	0	0	77	82	—	—	2.5	—	5.9	..
	Jiwani																		—					4
	Pasni	000	0	6	27	07	96	00	0	041	82	6	5	7	0	0	76	79	+ 3	+ 2	0	− 0.8	6.2	4
	Ormara	000	0	7	××	09	98	02	1	038	81	7	4	5	0	0	80	79	—	—	0	− 0.7	3.8	6
	Las Bela																		—					8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	09	96	03	2	014	82	0	0	9	2	0	78	80	+ 7	+ 1	0.5	− 3.8	0.9	8
	Karachi (Air port)	000	0	8	25	14	96	03	2	011	84	8	6	5	×	×	75	82	—	—	0.7	—	1.1	..
	Badin	000	6	6	23	03	96	20	3	016	85	6	7	9	0	0	78	××	+ 12	×	0	− 4.1	0	9
	Nagarparker	×××	×	0	36	04	97	00	0	—	—	0	0	9	0	0	—	—	—	—	—	—	—	..
	Umarkot	000	0	0	23	05	97	09	0	983	86	0	0	9	0	0	74	81	—	—	2.8	—	2.8	..
	Hyderabad	000	0	0	23	14	96	07	0	990	85	0	0	9	0	0	73	81	+ 11	+ 1	0.2	− 3.6	2.0	7
Khairpur	Pad-i-dan	070	0	0	18	02	98	01	0	958	88	0	0	9	0	0	72	83	—	—	0	—	1.2	..
	Nawabshah	000	0	0	18	07	97	02	0	963	87	0	0	9	0	0	72	84		—	0.1	—	0.6	..
	Sukkur	000	0	0	13	02	96	00	0	951	87	0	0	9	0	0	73	85	—	—	0.1	—	2.9	4
	Kashmore	000	0	0	18	01	99	00	0	953	89	0	0	9	0	0	70	82		—	—	—	—	..
	Jacobabad	000	0	0	00	00	96	02	0	952	88	0	0	9	0	0	77	87	+ 6	− 2	0	− 1.5	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	0	0	00	00	99	00	0	006	82	0	0	9	0	0	75	82	− 4	− 3	0	− 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							..
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																		—					..
	Aliabad *																							..
	Gilgit *																							5
Rawalpindi	Murree *	000	9	1	27	05	98	01	1	416	67	1	0	7	8	0	57	62	+ 4	+ 4	13.3	− 5.2	47.2	59
Peshawar	Drosh *	000	0	0	00	00	96	00	0	428	82	0	0	9	0	0	54	74	+ 5	+ 1	0.9	—	23.0	18
	Cherat *	000	0	0	36	03	97	00	0	419	79	0	0	9	0	0	61	76	+ 6	+ 5	3.2	− 2.4	23.9	29
	Kakul *	000	9	3	31	02	97	01	1	519	73	3	4	7	0	0	65	74	—	—	6.1	—	33.6	..
	Landi Kotal *	000	0	0	02	02	97	00	0	407	86	0	0	9	0	0	67	74	—	—	0.7	—	15.0	..
	Parachinar *	000	0	0	00	00	99	00	0	799	71	0	0	9	0	0	50	××	×	—	5.2	—	24.3	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	444	83	0	0	9	0	0	79	78	—	—	2.5	− 0.5	14.7	13
	Wana *																							..
Quetta	Fort Sandeman *	000	0	0	00	00	98	00	0	415	82	0	0	9	0	0	44	69	+ 8	− 5	2.0	− 1.1	12.5	11
	Hindubagh *	000	0	0	28	02	98	00	0	427	80	0	0	9	0	0	43	67	—	—	0	—	12.3	..
	Loralai *	000	0	0	27	02	98	00	0	449	70	0	0	9	0	0	35	62	—	—	1.7	—	10.6	..
	Harnai *	000	0	0	27	01	98	00	0	—	—	0	0	9	0	0	—	—	—	—	1.6	− 2.9	13.9	14
	Quetta *	000	0	0	00	03	95	06	0	428	78	0	0	9	0	0	50	54	—	—	0	− 0.8	9.5	9
	Chaman *	000	0	0	00	00	97	00	0	443	86	0	0	9	0	0	52	73	0	− 3	0	− 0.1	10.2	8
Kalat	Kalat *	000	0	0	16	02	98	00	0	450	69	0	0	9	0	0	30	54	− 2	− 7	0	− 0.9	8.4	7
	Nushki *	000	0	0	09	10	97	00	0	508	84	0	0	9	0	0	45	68	—	—	0	—	8.0	..
	Dalbandin *	000	0	0	00	00	96	02	0	422	78	0	0	9	0	0	31	71	− 3	− 4	0	− 0.2	4.4	4
	Panjgur *	000	0	0	00	00	98	00	0	446	76	0	0	9	0	0	47	71	0	− 5	0	—	4.2	5
Afghanistan	Kabul *																							12
	Kandahar *																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs, pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 5th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C h_s h_s	O T_sT_s T_dT_d	Id$_w$ d$_w$ P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Levekerk	13 219	629 00	1 24 09	98 1×0	04× 79	..	..	..	..	..
Levekerk	13 213	620 06	8 24 09	98 2×7	07× 77			..	..	..
Baugai	13 247	644 06	4 27 21	98 03 1	018 82	21 4 02	6 6 103	..	0 52 77	1 27 73
Riki	13 208	683 12	5 28 11	98 02 2	026 82	32 5 30	7 5 510	..	0 02 75	1 25 49
City of Manchester	13 188	625 12	6 28 18	98 02 2	034 86	42 5 41	1 5 710	..	0 04 80	1 28 22
Levekerk	13 203	606 12	7 22 13	98 5×2	05× 81	..		..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$									HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	998 298 265	005 ×x ××××	..	420 218 155	..	134 158 012	404 035 565	858 532 622	605 612 715	976 775	255 985	..	679 315
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	825 188 088	Missa											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached: PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 218 198	854 228 128	800 222 048	763 218 045	560 502 612	508 515 605	350 688 999	250 868 999	150 140 999	069 215 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Missa											

PPP-Pressure in hundreds tens and units of millibars.
TTT : TdTdTd : Dry Bulb : Dew Point temperatures (in tenths of 9C.)
Se-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	No	ascent	..	..	..	..	..	..	..
Chaklala ..									
Chhor ..	23 19	24 15	26 11	25 05	08 06	03 11	23 08	03 03	06 05
Chittagong ..	20 19	Missa			24 16	24 17	..	..	..
Cox's Bazar ..	21 11	21 12	23 11	25 12	26 13	29 11			
Dacca ..	20 13	22 16	22 13	24 11	25 14	26 15	27 13	26 07	30 04
Dalbandin ..		..	14 02	14 04	19 03	26 07	06 02	05 03	02 03
D. I. Khan ..	..	..	..						
Drosh ..	..	..	..	23 12	21 11	21 09	21 09	16 05	..
Fort Sandeman ..				22 07	23 14	29 06	24 10	28 20	28 22
Jacobabad ..	17 07	18 04	22 04	33 07	33 11	30 08	29 04	29 10	35 08
Jessore ..									
Jhelum ..	21 07	19 09	17 04	34 06	35 11	31 15	03 10	35 19	30 21
Jwani ..	24 12	25 13	25 07	36 09	36 15	04 15	05 07	03 07	08 11
Karachi ..	27 24	27 27	27 26	27 15	27 05	01 06	02 14	09 11	36 05
Khanpur ..	35 06	31 05	29 01	31 05	32 04	36 06	36 10	02 09	03 11
Lahore ..	33 03	29 02	22 03	32 02	33 06	36 11	02 14	31 12	28 16
Multan ..	06 03	10 02	11 02	17 03	30 03	33 10	34 24	34 24	34 18
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	31 13	30 13	14 06	32 07	36 15
Sharjah ..							..	..	..
Sylhet ..	20 19	21 23	22 17	24 20	25 18	26 16	..	..	..
Varavai ..	..		..	..			..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	No	ascent				
Chaklala ..		06 07	09 10	05 04	26 06	19 04
Chhor ..	24 27	25 33	24 27		..	..
Chittagong ..	No	ascent		..	..	..
Cox's Bazar ..	No	ascent				
Dacca ..	22 17	23 20	23 17	22 13	22 12	..
Dalbandin ..	..	..	28 03	02 04	36 03	35 04
D. I. Khan ..	..	..	..		..	
Drosh ..	..	..		..	27 04	23 03
Fort Sandeman ..				21 03	26 08	32 24
Jacobabad ..	21 13	22 12	22 12	23 08	26 06	32 07
Jessore ..						
Jhelum ..	14 07	19 08	28 06	32 05	30 13	31 14
Jwani ..	22 11	22 09	26 09	..	..	..
Karachi ..	27 17	27 20	27 19		..	..
Khanpur ..	23 18	24 21	24 14	25 23	26 22	
Lahore ..	15 04	04 03	01 04	02 08	36 11	34 21
Multan ..	..	..	..	..	..	..
Muscat ..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..
Quetta ..	..	..	..	..	30 03	29 16
Sharjah ..			..	..	..	..
Sylhet ..	No	ascent	..	..	..	..
Varavai ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	22 11	..	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..			..	..	..	..	..	..	..	..	..
Chittagong ..	19 15	20 10	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	21 09	24 11									
Dacca ..	21 16	23 20	25 24	24 20	24 24	24 21	23 16				
Dalbandin ..	..	..	24 05	26 03	34 07	34 07	32 06	36 07	01 06	30 10	31 14
D. I. Khan ..	..	..	..	..	..	..	..				
Drosh ..	..	..	..		..	02 11	02 07	01 07	36 11	36 08	02 11
Fort Sandeman ..				01 05	32 05	33 09					
Jacobabad ..	16 05	30 06	31 04	31 04	31 06	26 07	20 06	16 08	28 12	31 13	27 08
Jessore ..											
Jhelum ..	24 04	24 05	30 10	29 12	32 15	31 20	30 13	28 14	..	..	..
Jwani ..	21 09	25 06	30 11	..	..	..	..	..	..	..	..
Karachi ..	27 22	27 26	28 29								
Khanpur ..	22 12	24 15	26 15	26 15	26 13	30 12	28 10	28 13	30 07	06 17	..
Lahore ..	25 01	24 03	23 03	32 03	33 06	34 12	34 15	35 17	35 15	29 24	31 20
Multan ..	17 06	17 08	16 07	19 05	22 03	36 03	29 12	28 10	30 15	29 17	29 33
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	31 07	31 12	22 03	33 09	34 08	30 17	30 24
Sharjah ..			..	..	..	..	..	..	..	..	..
Sylhet ..	No	ascent	..	..	..	..	..	..	..	..	..
Varavai ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	25 21	26 21	27 24	27 19	28 10	33 08	08 06	05 06	04 10	09 12	09 17	10 12	09 19	11 24	11 27	09 29	07 52	08 38
Peshawar ..																		
Quetta ..																		

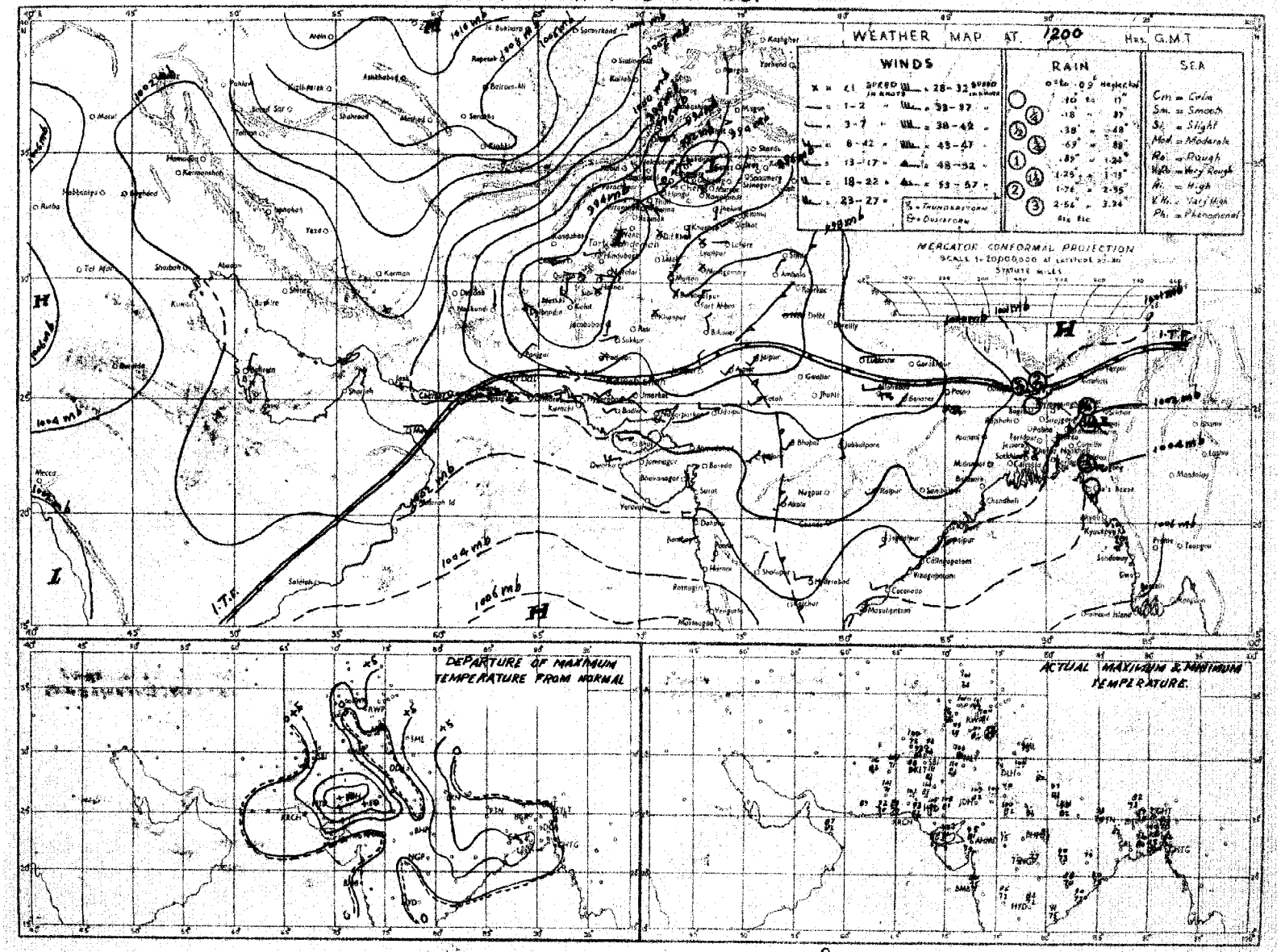
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

* 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.

PAKISTAN DAILY WEATHER MAP

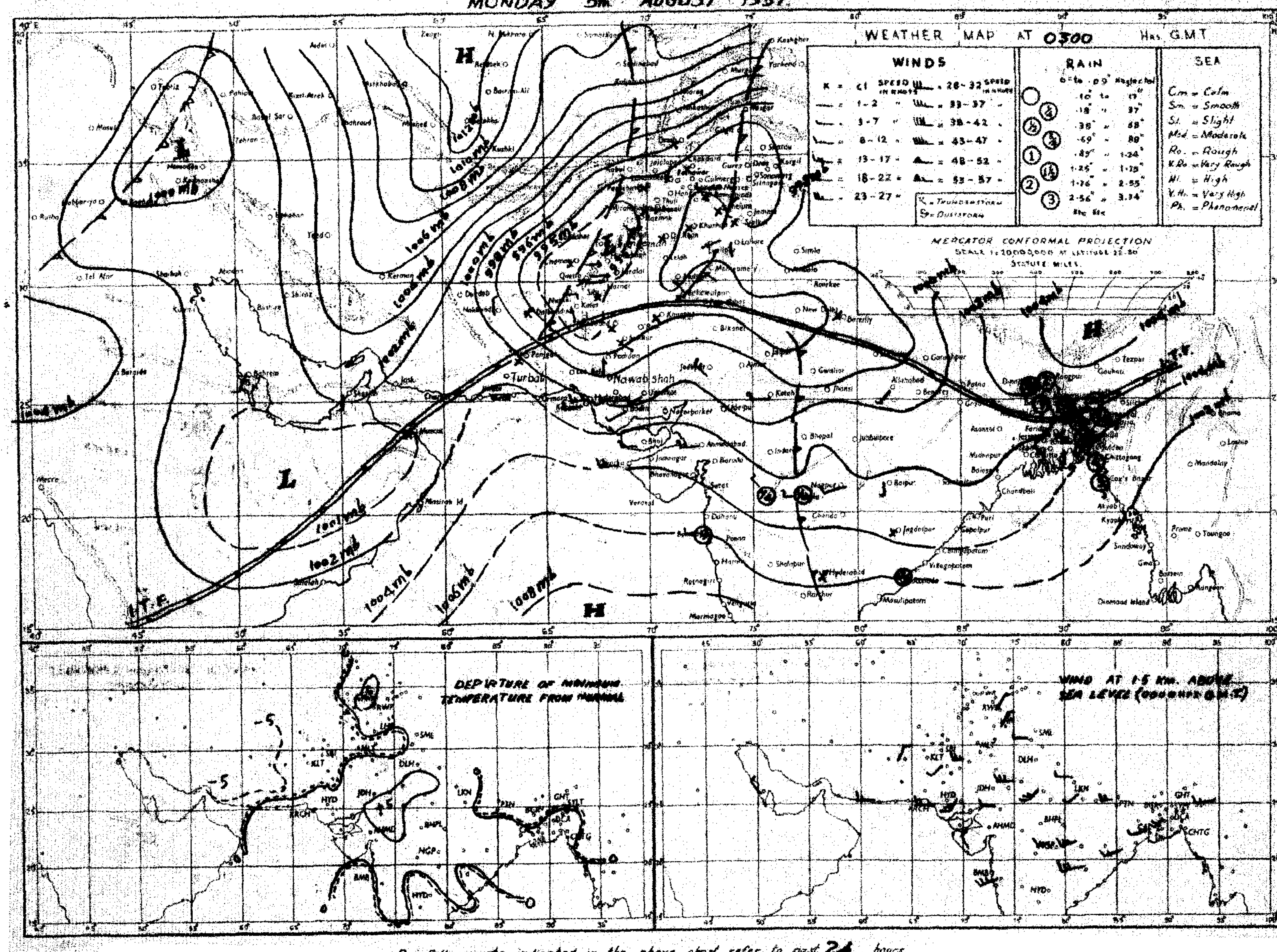
SUNDAY 4th AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 5th AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

TUESDAY, THE 6th AUGUST, 1957.

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

Yesterday's low pressure wave over extreme north of West Pakistan has moved away eastwards.
Pressure gradient is steep over Hyderabad and adjoining coastal Kalat division.
The axis of monsoon trough extends from Punjab (India) through north Uttar Pradesh to Assam.
Widespread rain has fallen in East Pakistan.
Weather remained mainly dry in West Pakistan.

Chief amounts of rainfall are:—Jessore and Sirajganj 3" each; Maijdee Court, Mymensingh, Narayanganj and Faridpur 2" each; Brahmanbaria, Bogra and Rangpur 1½" each; Cox's Bazar, Chittagong, Sylhet, Khulna and Satkhira 1" each: Srimangal, Dacca and Barisal ½" each and Comilla and Dinajpur ¼" each.

Day temperatures were generally 3-7°F above normal in West Pakistan outside Quetta and Kalat divisions and in coastal districts of Rajshahi division and were 2-5°F below normal in northern districts of Dacca and Rajshahi divisions.

Forecast valid until the evening of 7th:—Rainfall will be fairly widespread in East Pakistan.

A few dust or thunderstorms are also likely in Hyderabad, Multan and Bahawalpur divisions.

Heavy rainfall warning:—A few moderate to heavy falls of rain are likely to occur in East Pakistan during next 24 hours.

Earthquake Report:—Quetta Geophysical Observatory has recorded an earthquake shock of considerable intensity at origin with its epicentre about 5600 miles away from Quetta at 02 hours 21 minutes and 0, seconds W.P.S.T. on 5th August, 1957.

Karachi-11.
The 6th August, 1957.

ABDUL MAJEED KHAN.
for Director Meteorological Service.

OBSERVATIONS

DIVISIONS	STATION	At 1200 Hrs. G.M.T. of Previous day																
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	W_t	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H	T_dT_d	T_xT_x
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	066	9	8	16	02	95	60		030	79	8	5	6	×	×	78	85
	Chittagong	090	6	8	16	05	96	50	6	021	81	8	7	5	×	×	79	85
	Maijdee Court	025	4	7	00	00	96	03	2	013	80	2	1	6	2	×	78	87
	Comilla	013	0	8	18	02	99	02	0	009	××	8	5	5	×	×	76	87
	Brahmanbaria	144	8	8	18	02	96	03	9	013	79	8	5	2	×	×	78	83
	Sylhet	079	9	8	00	00	95	02	6	012	77	6	7	4	2	×	76	
	Srimangal	044	4	8	00	00	96	02	6	016	78	8	5	6	×	×	77	83
Dacca	Mymensingh	162	8	8	00	00	98	02	6	004	79	8	7	4	×	×	78	××
	Narayanganj	000	9	8	18	02	94	03	2	007	85	8	7	4	×	×	79	89
	Dacca (Tezgaon	000	9	8	18	05	97	02	2	000	85	5	9	4	0	8	80	87
	Faridpur	000	8	8	18	02	96	02	2	997	87	8	4	7	×	×	81	88
	Barisal	063	4	8	00	00	95	03	6	005	84	6	9	9	0	0	81	90
Rajshahi	Khulna	110	4	8	00	00	97	03	6	004	83	8	5	6	×	×	80	93
	Satkhira	000	5	8	23	04	96	03	2	998	87	×	×	×	×	×	81	92
	Jessore	000	0	8	13	05	97	03	2	009	84	8	8	6	×	×	80	89
	Sirajganj	258	8	8	00	00	93	65	9	996	76	8	7	6	×	×	67	82
	Bogra	175	3	7	00	00	95	61	9	994	76	7	7	5	0	0	76	84
	Dinajpur	000	2	7	00	00	96	02	2	990	83	0	0	9	2	0	79	89
	Rangpur	025	8	8	18	02	95	52	6	×××	78	8	7	5	×	×	77	83
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.	000	0	1	27	02	97	01	0	933	01	1	1	8	0	0	71	01
	Sialkot	000	0	0	23	03	97	00	0	926	99	0	0	9	0	0	78	00
Rawalpindi	Jhelum	000	4	0	23	05	97	01	0	915	99	0	0	9	0	0	72	01
	Rawalpindi	000	0	3	18	02	99	03	1	899	63	3	2	7	0	0	69	04
	Khushab	000	0	0	18	05	96	00	0	918	02	0	0	9	0	0	70	04
Multan	Lyallpur	000	0	0	16	02	96	00	0	920	01	0	0	9	0	0	72	07
	Montgomery	000	0	0	00	00	97	00	6	932	02	0	0	9	0	0	73	03
	Multan	000	0	0	05	02	96	00	0	920	07	0	0	9	0	0	71	10
Bahawalpur	Leiah																	
	Khanpur	000	0	0	27	05	96	00	0	916	11	0	0	9	0	0	70	12
	Bahawalpur	000	0	0	00	00	97	00	0	918	07	0	0	9	0	0	72	08
	Port Abbas	000	0	0	23	02	97	00	0	923	01	0	0	9	0	0	65	12
Peshawar	Chakdara	000	0	2	00	00	98	03	1	870	97	2	2	7	0	×	71	00
	Peshawar																	
	Haripur	000	9	4	05	02	97	03	0	889	04	4	2	6	×	×	56	05
	Campbellpur	000	0	2	23	05	99	03	1	888	07	2	2	6	0	0	61	07
D.I. Khan	Bannu	000	0	0	11	02	99	00	0	908	03	0	0	9	0	0	65	03
	D.I. Khan	000	0	2	00	00	98	03	0	022	95	0	0	9	0	0	68	97
Quetta	Sibi	000	0	0	23	01	98	00	0	903	17	0	0	9	0	0	42	20
Kalat	Nokkundi	000	0	0	34	09	97	02	0	939	05	0	0	9	0	0	46	07
	Turbat	000	0	0	23	02	97	00	0	794	××	0	0	9	0	0	82	××
	Jiwani	000	0	6	18	12	97	03	1	001	86	6	6	5	0	0	76	88
	Pasni	000	0	0	23	17	95	07	0	015	86	0	0	9	0	0	77	90
	Ormara	000	0	0	××	14	96	00	0	012	86	0	0	9	0	0	82	87
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	12	97	01	2	986	88	0	0	9	7	0	83	90
	Karachi (Air port)	000	0	7	23	17	96	02	2	996	86	7	5	6	0	0	74	89
	Badin	000	0	6	23	03	97	20	3	003	92	6	0	9	0	0	73	06
	Nagarparker	×××	×	0	27	31	97	30	7	—	—	0	0	9	0	0	—	—
	Umarkot	000	0	0	23	03	97	00	0	950	98	0	0	9	0	0	75	21
	Hyderabad	000	0	0	23	14	96	07	0	969	95	0	0	9	0	0	70	98
Khairpur	Pad-i-dan	000	0	0	18	05	98	00	0	923	11	0	0	9	0	0	60	12
	Nawabshah	000	0	0	18	12	97	02	0	937	07	0	0	9	0	0	69	09
	Sukkur	000	0	0	25	02	96	00	0	919	06	0	0	9	0	0	73	08
	Kashmore	000	0	0	18	01	99	00	0	920	06	0	0	9	0	0	69	10
	Jacobabad	000	0	0	18	09	96	02	0	914	10	0	0	9	0	0	73	10
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	02	99	00	0	000	90	0	0	9	0	0	82	91
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Allahad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	5	25	05	98	02	1	408	75	5	3	3	0	0	56	78
Peshawar	Drosh *	000	0	0	23	07	96	00	0	353	98	0	0	9	0	0	37	××
	Cherat *	000	0	0	18	05	97	00	0	390	93	0	0	9	0	0	55	97
	Kakul *	000	2	5	20	07	99	03	2	391	88	5	4	8	0	0	64	90
	Landi Kotal *	000	0	0	02	02	97	00	0	378	00	0	0	9	0	0	90	01
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	799	89	0	0	9	0	0	49	××
	Miranshah *	000	0	0	00	00	99	00	0	418	97	0	0	9	0	0	93	98
	Wana *	000	0	0	09	02	98	00	0	388	93	0	0	9	0	0	52	98
Quetta	Fort Sandeman *	000	0	0	27	02	98	00	0	383	01	0	0	9	0	0	28	02
	Hindubagh *	000	0	0	27	02	98	00	0	383	95	0	0	9	0	0	39	96
	Loralai *	000	0	0	20	05	98	00	0	468	96	0	0	9	0	0	22	98
	Harnai *	900	0	0	09	02	98	00	0	—	—	0	0	9	0	0	—	—
	Quetta *	000	0	0	31	03	97	00	0	387	93	0	0	9	0	0	57	94
Kalat	Chaman *	000	0	0	29	07	97	05	0	413	00	0	0	9	0	0	67	00
	Kalat *	000	0	0	29	07	98	00	0	411	86	0	0	9	0	0	25	98
	Nushki *	000	0	0	18	09	96	00	0	487	05	0	0	9	0	0	26	06
	Dalbandin *	000	0	0	23	05	96	02	0	418	05	0	0	9	0	0	35	08
	Panjgur *	000	0	0	31	05	98	00	0	430	00	0	0	9	0	0	42	01
Afghanistan	Kabul *	000	0	0	32	05	99	00	0	462	84	0	0	9	0	0	70	90
	Kandahar *																	

STATION	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
	RRR	W_t	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H	T_dT_d	T_nT_n	T_xT_x	T_nT_n				
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Cox's Bazar	107	9	8	16	05	95	21	6	063	80	8	5	6	2	×	78	74	0	- 2	87.7	+ 16.0	98.7	140
Chittagong	126	0	8	16	05	97	03	2	047	80	8	6	5	×	×	76	77	- 1	+ 1	50.0	+ 1.7	57.4	108
Maijdee Court	225	2	8	13	02	97	02	8	037	80	1	1	6	4	×	79	78	+ 1	0	38.3	- 10.9	46.5	115
Comilla	021	2	8	13	03	99	60	6	038	79	8	5	5	×	×	78	77	0	0	30.2	- 8.0	42.0	94
Brahmanbaria	144	0	8	13	07	97	03	2	032	82	8	5	3	×	×	78	76	—	—	28.7	- 0.2	46.5	78
Sylhet	100	9	8	18	02	95	63	6	039	79	6	7	4	2	×	77	77	—	—	53.6	—	104.2	
Srimangal	044	0	7	13	09	97	02	2	041	83	5	7	6	0	2	76	77	- 8	+ 1	39.8	+ 4.5	66.5	98
Mymensingh	189	9	8	09	02	98	02	6	031	80	8	4	4	×	×	79	76	—	- 2	37.2	+ 0.9	51.3	91
Narayanganj	226	9	8	20	03	94	60	6	032	79	3	7	6	2	×	78	77	+ 1	- 2	34.0	+ 6.2	50.1	74
Dacca (Tezgaon	064	7	8	20	03	97	61	6	022	80	3	6	4	2	×	79	79	—	—	37.8	—	52.8	
Faridpur	252	9	8	00	00	96	03	5	010	79	8	5	6	0	0	77	75	+ 1	- 4	29.9	+ 1.7	42.0	71
Barisal	063	9	6	00	00	95	03	6	027	85	5	7	9	0	0	82	79	+ 3	+ 1	26.6	- 7.8	43.8	81
Khulna	121	0	8	00	00	97	01	2	029	80	8	5	6	×	×	79	76	+ 6	- 2	28.5	- 0.9	36.5	68
Satkhira	097	0	8	00	00	97	03	2	021	85	×	×	×	×	×	82	75	+ 4	- 3	22.9	- 4.9	28.7	65
Jessore	284	9	8	18	03	96	03	6	020	79	8	7	5	×	×	79	75	—	—	31.8	+ 5.1	35.1	65
Sirajganj	329	9	8	00	00	95	02	6	004	81	8	7	5	×	×	78	75	- 5	- 4	43.7	+ 17.5	54.6	64
Bogra	175	0	4	00	00	97	01	1	0 9	80	4	4	6	0	0	79	71	- 4	- 8	44.3	+ 15.9	51.8	69
Dinajpur	036	2	3	00	00	96	02	2	019	80	8	6	7	×	×	79	74	+ 1	- 5	30.7	- 1.3	34.1	72
Rangpur	135	3	8	13	02	95	62	6	×××	77	8	7	5	×	×	77	76	- 6	- 2	3.7	+ 0.7	45.7	84
Jammu																							..
Lahore (Jail Rd.	000	4	1	00	00	97	01	1	949	89	1	0	9	8	0	77	84	+ 3	+ 5	7.3	- 0.7	16.0	19
Sialkot	000	0	0	23	03	97	00	0	954	87	0	0	9	0	0	71	81	+ 5	+ 2	8.5	- 4.0	31.8	32
Jhelum	000	5	1	13	02	97	03	0	947	91	1	1	7	0	0	73	80	—	—	5.5	—	16.3	
Rawalpindi	000	0	3	00	00	99	01	1	956	89	3	0	9	2	0	71	80	+ 9	+ 4	5.9	- 6.2	21.8	36
Khushab	000	0	0	07	02	99	00	0	945	90	0	0	9	0	0	76	82	+ 4	0	5.3	- 0.7	14.0	15
Lyallpur	000	0	0	20	02	96	00	0	950	90	0	0	9	0	0	76	85	+ 13	+ 4	4.8	+ 0.1	10.9	12
Montgomery	000	0	0	23	02	98	00	0	931	86	0	0	9	0	0	72	84	+ 2	+ 2	0.2	- 3.9	4.0	10
Multan	030	0	0	23	03	96	00	0	943	84	0	0	9	0	0	74	79	+ 11	- 5	0.7	- 2.3	4.1	7
Leiah																							8
Khanpur	000	0	0	25	07	96	00	0	946	87	0	0	9	0	0	74	80	+ 9	- 2	0	- 3.2	1.0	6
Bahawalpur	000	0	0	18	09	96	07	0	949	83	0	0	9	0	0	73	81	+ 7	- 1	1.1	- 2.1	2.3	6
Port Abbas	000	9	0	23	09	96	07	3	958	87	0	0	9	0	6	72	81	—	—	1.6	—	4.5	8
Chakdara	000	0	0	××	××	97	00	0	936	80	0	0	9	0	0	66	61	—	—	1.9	—	16.7	..
Peshawar	000	0	0	36	03	97	02	0	937	87	0	0	9	0	0	67	80		+ 1	1.5	- 0.7	12.6	14
Haripur	000	0	0	13	02	97	00	0	938	85	0	0	9	0	0	62	80	—	—	2.6	—	16.7	..
Campbellpur	000	0	0	00	00	99	00	0	943	91	0	0	9	0	0	75	85	—	—	2.1	—	17.5	..
Bannu	000	0	0	00	00	99	00	0	970	91	0	0	9	0	0	72	82	—	—	1.5	—	8.6	11
D.I. Khan	000	0	0	05	02	97	00	0	920	88	0	0	9	0	0	77	82	- 7	0	2.0	- 1.3	7.6	10
Sibi	000	0	0	00	00	99	00	0	963	92	0	0	9	0	0	68	92	—	—	1.1	—	6.2	5
Nokkundi	000	0	0	34	09	98	02	6	973	87	0	0	9	0	0	36	81	—	—	0	—	1.9	2
Turbat	000	0	0	23	02	98	03	2	003	93	0	0	9	0	0	75	82	×	—	2.5	—	5.9	..
Jiwani	000	0	7	00	00	96	01	2	013	81	7	6	5	0	0	73	80	—	—	0	—	3.1	4
Pasni	000	0	6	25	07	96	00	0	×××	80	6	5	7	0	0	77	78	+ 1	+ 1	0	- 0.8	6.2	6
Ormara	000	0	8	××	××	98	02	1	030	81	8	4	4	×	×	80	78	—	—	0	- 0.7	3.8	6
Las Bela																							8
Karachi (Manora)	000	0	6	27	09	96	03	1	005	81	0	0	9	5	0	77	79	+ 5	0	0.5	- 3.8	0.9	9
Karachi (Air port)	000	0	8	25	19	96	02	2	002	83	8	6	5	×	×	74	81	—	—	0.7	—	1.1	..
Badin	000	3	6	23	02	96	20	0	019	84	0	0	9	0	0	77	××	+ 14	—	0	- 4.1	0	9
Nagarparker	×××	×	0	09	09	96	30	3	×××	××	0	0	9	0	0	××	××	—	—	—	—	—	
Umarkot	000	0	0	23	03	97	00	0	951	85	0	0	9	0	0	74	81	—	—	2.8	—	2.8	
Hyderabad	000	0	3	23	14	96	07	2	978	84	3	6	9	0	0	72	80	+ 2	+ 1	0.2	- 3.7	2.0	7
Pad-i-dan	000	0	0	13	05	98	02	0	942	85	0	0	9	0	0	70	80	—	—	0	—	1.2	..
Nawabshah																							
Sukkur	000	0	0	23	02	96	00	0	943	84	0	0	9	0	0	74	80	—	—	0.1	—	2.9	4
Kashmore	000	0	0	18	01	99	00	0	953	89	0	0	9	0	6	71	82	—	—	—	—	—	
Jacobabad	000	0	0	09	07	97	02	0	948	86	0	0	9	0	0	76	83	+ 6	0	0	- 1.5	3.5	4
Veraval																							20
Jalalabad																							
Muscat	000	0	0	00	00	97	00	0	000	85	0	0	9	0	0	76	82	0	- 3	0	- 0.1	6.9	4
Kuwait																							..
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **	000	0	0	00	00	98	00	0	031	62	0	0	9	0	0	27	55		—	—	—	—	..
Allahad *																							
Gilgit *																							5
Murree *	000	9	1	20	03	98	01	1	402	69	1	1	4	0	0	61	63	+ 6	+ 6	13.3	- 5.7	47.2	59
Drosh *	000	0	0	13	02	97	00	0	938	85	0	0	9	0	0	62	80	—	+ 7	0.9	—	23.0	18
Cherat *	000	0	0	23	05	96	00	0	398	79	0	0	9	0	0	61	75	—	—	3.2	- 0.5	23.9	29
Kakul *	000	9	1	36	02	97	01	9	407	77	1	2	7	0	0	62	71	—	—	6.1	—	33.6	..
Landi Kotal *	000	0	0	00	00	97	00	0	397	86	0	0	9	0	0	75	71	—	—	0.7	—	15.0	..
Parachinar *	000	0	0	00	00	99	00	0	795	73	0	0	9	0	0	56	××	×	×	5.2	—	24.3	29
Miranshah *	000	0	0	23	02	99	00	0	443	83	0	0	9	0	0	79	79	—	—	2.5	- 0.6	14.7	13
Wana *	000	0	0	00	00	98	00	0	×××	××	0	0	5	0	0	45	66	—	—	1.0	—	13.1	..
Fort Sandeman *	000	0	0	00	00	96	00	0	405	81	0	0	9	0	0	32	73	+ 7	- 1	2.0	- 1.1	12.5	11
Hindubagh *	000	0	0	00	00	98	00	0	4.8	81	0	0	9	0	0	42	71	—	—	0	—	12.3	..
Loralai *	000	0	0	27	02	98	00	0	456	71	0	0	9	0	0	40	64	—	—	1.7	—	10.6	..
Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	1.6	- 3.0	13.9	14
Quetta *	000	0	0	00	00	96	00	0	409	75	0	0	9	0	0	45	××	—	—	0	- 0.8	9.5	9
Chaman *	000	0	0	20	07	97	00	0	425	81	0	0	9	0	0	60	72	0	- 3	0	- 0.1	10.2	8
Kalat *	000	0	0	18	07	98	00	6	432	70	0	0	9	0	0	28	56	0	- 3	0	- 0.9	8.4	7
Nushki *	000	0	0	05	09	97	00	0	508	83	0	0	9	0	0	43	78	—	—	0	—	8.0	..
Dalbandin *	000	0	0	27	02	95	05	0	409	79	0	0	9	0	0	40	71	0	- 2	0	- 0.2	4.4	4
Panjgur *	000	0	0	23	02	98	00	0	437	83	0	0	9	0	0	48	75	- 1	0	0	—	4.2	5
Kabul *	000	0	2	27	02	99	00	0	529	61	0	0	9	0	0	60	52	—	—	—	—	—	12
Kandahar *																							..

†Given in Code.
*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs, pressure level in geopotential metres, the thousands figure omitted.
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 day
Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 6th AUGUST, 1957
WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
President	23 232	631 00	6 25 20	97 02 4	014 80	48 3 2x	5 6 603	..	0 54 74	1 25 35
President	23 226	615 06	4 25 20	98 02 2	031 78	43 3 90	2 6 205	..	0 00 74	1 25 35
Sirrah	23 243	603 06	0 16 05	98 02 0		00 9 00	3 5 215	..	0 53 75	1 16 32
Raki	23 224	645 06	6 24 17	98 01 2	037 81	24 5 30	7 5 107	..	0 51 72	1 25 46
Raki	23 232	633 12	7 24 19	98 02 2	018 81	43 5 40	7 5 611	..	0 52 73	1 23 54
Sirrah	23 236	617 12	0 24 21	98 02 0	039 81	00 9 00	3 5 603	..	0 52 75	1 25 35
Sirrah	23 231	627 18	0 21 21	97 03 2	056 79	82 5 00	3 4 216	..	0 52 73	1 21 35
Alnayyada	23 145	624 18	4 31 13	99 01 1	104 81	41 5 00	7 3 603	..	0 51 76	1 31 54
Raki	23 238	621 18	6 20 19	98 15 2	009 81	64 5 00	6 5 109	..	0 52 75	1 22 57
Rajdanmaru	23 206	632 18	8 23 24	97 02 2	050 79	85 3 xx	7 6 620	..	..	..
BAY OF BENGAL										
Chandaraloca	23 184	853 12	3 23 18	98 02 0	033 85	21 5 10	1 5 400	..	0 00 73	1 20 xx

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb HHH TTT $T_dT_dT_d$	850 mb HHH TTT $T_dT_dT_d$	800 mb HHH TTT $T_dT_dT_d$	700 mb HHH TTT $T_dT_dT_d$	600 mb HHH TTT $T_dT_dT_d$	500 mb HHH TTT $T_dT_dT_d$	400 mb HHH TTT $T_dT_dT_d$	300 mb HHHTTT	200 mb HHHTTT	150 mb HHHTTT	100 mb HHHTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Peshawar ..														
Karachi ..	00 00	997 282 265	..	..	400 212 178	..	120 148 082	400 040 510	869 508 558	622 602 642	977 762	256 982	..	685 272
Lahore ..														
Multan ..														
Peshawar ..	00 00	..	Missing											
Quetta ..	00 00	824 182 028	..	..	..	..	117 202 065	417 092 999	910 038 999	661 638 795	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Peshawar ..													
Karachi ..	00 00	900 202 195	885 148 145	840 235 192	800 235 165	350 682 999	250 872 999	150 125 999	096 272 999	..	096 272 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	Missing											
Quetta ..	00 00	800 262 082	574 072 999	554 072 999	479 000 999	.	..	..	..	..	479 000 999	..	. ..

PPP-Pressure in hundreds tens and units of millibars.
TTT : $T_dT_dT_d$: Dry Bulb : Dew Point temperatures (in tenths of °C.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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
Bagra ..	No	ascent	..	..	..	..	..	..	..	19 10						No	ascent	..	..	..	..	..	..	..	..	..
Chaldeh ..			..	..	..		..	..	..		12 02	13 09	13 07	24 11	28 15	..		..	..	..	..	..	..	..	..	..
Chhor ..	23 23	23 29				..	..	..	..	22 24	23 29							..				..	..	..	..	..
Chittagong ..	18 11	27 06	24 06	24 09	25 09		..	..	..	16 17	18 18	..	..	..	..	19 08	18 07					..	..	..	..	..
Cox's Bazar ..	18 07	25 03	26 05							No	ascent	..	..	..	..	18 07	21 10	24 09	25 08	23 06				..	..	..
Dacca ..	14 08	18 10	22 10	26 11	25 16	25 15	25 15	23 18	25 18	No	ascent					20 14	22 17	22 15	24 13	26 13	21 15	25 15	29 03			
Dalbandin ..	..	..	26 11	24 09	33 05	35 09	36 12	01 06	33 09	..	..	27 08	02 01	30 07	28 05	..	..	24 02	17 05	18 11	17 08	34 07	03 05	05 11	06 10	04 18
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36 08	01 11	02 21	34 09	01 45	..	..
Drosh ..	..	..	..	..	..	..	..	..	..	..	..	..	..	18 02	09 04	..	..	..	24 01	32 02	23 11	26 22	26 25	..	..	..
Fort Sandeman ..				28 15	28 20	28 35	17 13	25 06	34 05				23 03	26 10	32 21					34 12	26 03	31 03	33 09	36 09	02 16	01 10
Jacobabad ..	16 09	15 07	16 06	25 10	23 11	27 10	29 11	30 11	30 15	15 16	21 12	22 07	32 10	33 13	33 19	16 12	36 40	23 35	33 23							
Jacobabad ..																										
Jiwani ..	22 09	21 10	21 07	26 06	31 10	30 12	29 21	29 16	28 34	03 02	13 12	12 18	11 08	28 10	27 13	15 06	15 13	14 08	18 06	28 06	30 13	29 20	28 12	30 10	..	..
Jiwani ..	21 20	20 13	..	..	..	..	..	..	..	22 07	23 07					22 06	22 03									
Karachi ..	24 28	26 33	..	..	..	..	..	..	..	27 28	27 35	27 43	..	..	..	26 27	26 31	..	..	..	..	..	..	..	..	..
Khanpur ..										21 27	23 23	24 23	25 20	27 19	..	20 20	21 19	23 13	25 12	26 11						
Lahore ..	28 06	26 06	27 02	27 05	29 06	36 06	31 15	31 26	31 26	16 17	15 15	15 10	15 06	26 04	31 11	13 12	13 15	13 13	16 13	34 09	30 14	29 15	31 17	32 24	31 28	32 27
Multan ..	..	..	..	..	..	..	..	..	..	20 24	22 37	23 35	..	..	..	21 08	25 08	30 10	30 10	32 10	..	..	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	28 08	29 05	05 06	33 15	32 17	..	35 17	32 20	31 17	30 20	30 19	..	04 10	03 08	35 11	30 15	30 25	34 15	34 18	34 19	33 27	35 54
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	30 09	30 21	..	..	..	..	33 08	33 12	05 11	01 09	02 13	01 18	01 23
Sylhet ..	26 08	26 14	..	..	..	..	..	..	..	17 11	..	..	..	..	..	16 07	..	..	..	..	..	..	..	..	..	..
Varavel ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Heights in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	25 29	26 27	27 27	29 27	32 25	33 14	31 12	30 09	30 08	36 11	02 08	36 10	01 14	02 10	04 08	01 12	04 25	
Peshawar ..																		
Quetta ..																		

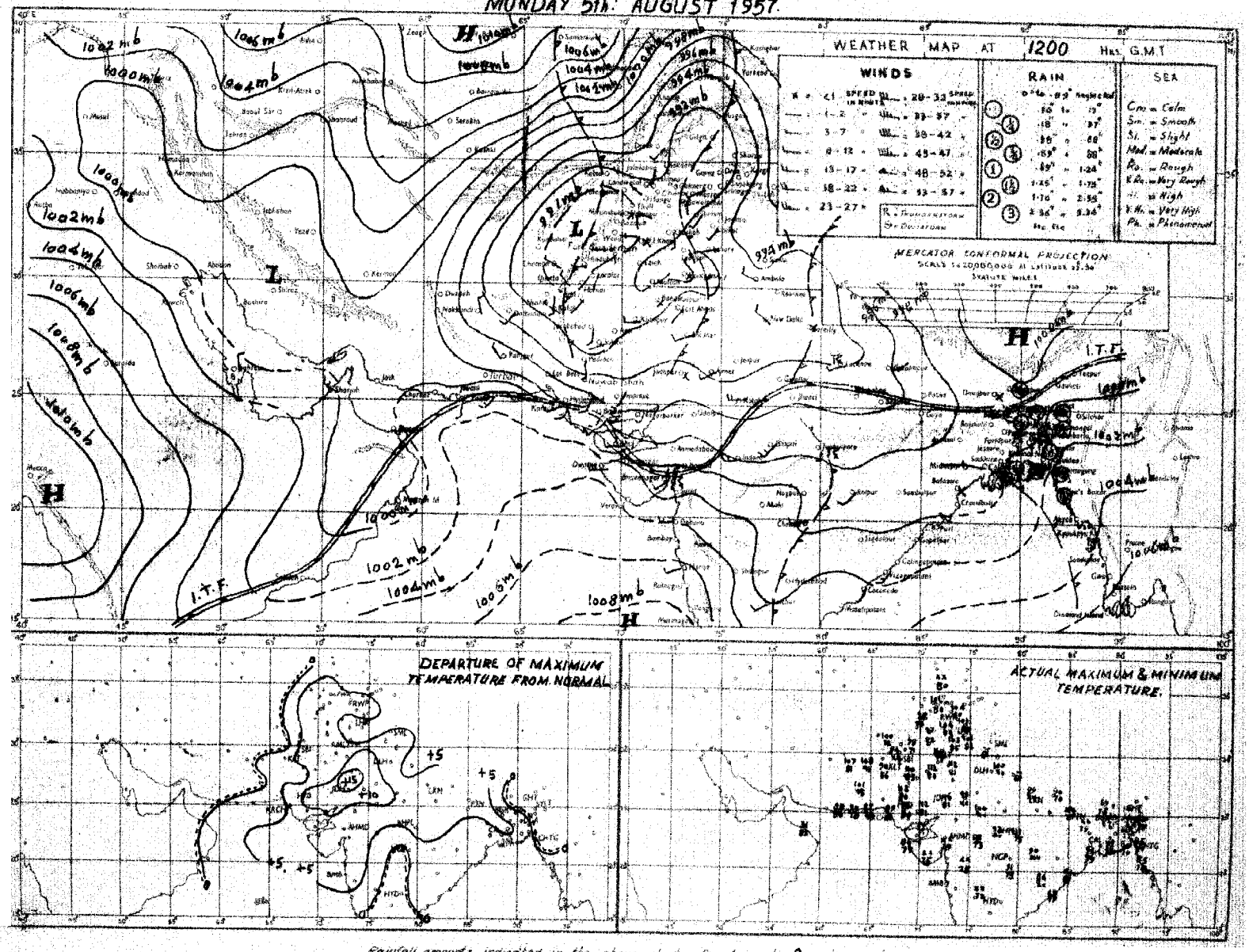
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_Tv_T$ etc)

* 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.

PAKISTAN DAILY WEATHER MAP

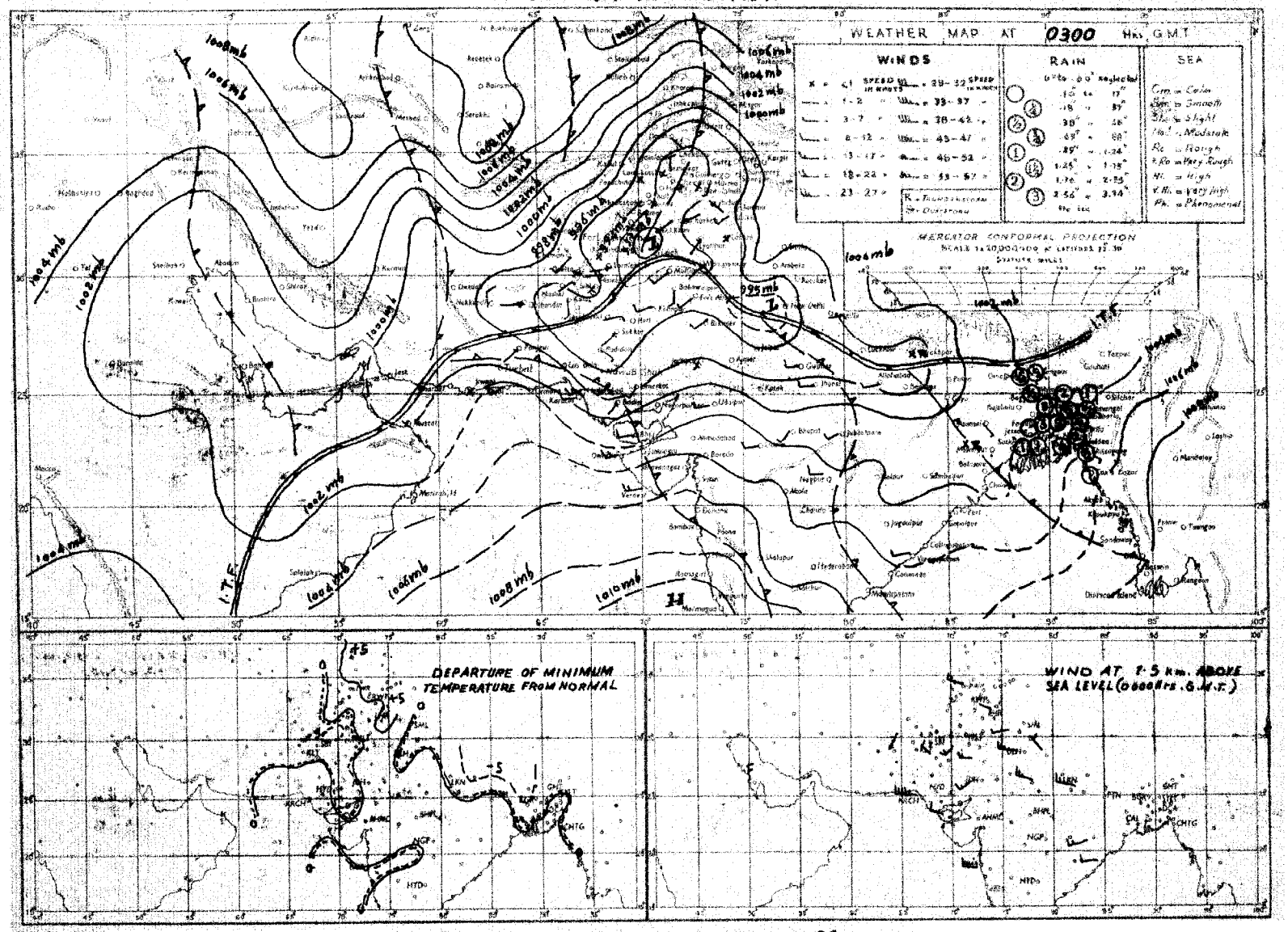
MONDAY 5th. AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 6th: AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

WEDNESDAY, THE 7th AUGUST, 1957.

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

Pressure gradient continues to be steep over Hyderabad and South Kalat divisions from where dust-raising winds have been reported. A low pressure wave is affecting Peshawar division and Kashmir. Scattered thundershowers have occurred in Rawalpindi division. Conditions may become unsettled over head Bay of Bengal.

Fairly widespread rain has fallen in East Pakistan with scattered thundershowers in Dacca and Rajshahi divisions.

Chief amounts of rainfall are:—Faridpur and Satkhira 2″ each ; Sirajganj 1½″ ; Mymensingh, Jessore, Bogra and Dinajpur 1″ each ; Comilla, Barisal, Khulna and Rawalpindi ¾″ each; Brahmanbaria, Sylhet and Rangpur ½″ each and Maijdee Court and Srimangal ¼″ each.

Day temperatures were 4-7°F above normal in Peshawar, Rawalpindi, Multan, Bahawalpur and D. I. Khan divisions.

Forecast valid until the evening of 8th :—Rainfall will be fairly widespread in the Southern districts and local elsewhere over East Pakistan. Local rain/thunder-showers are expected in Lahore, Rawalpindi, and Peshawar divisions and in Kashmir. Dust-raising winds will prevail in Hyderabad and South Kalat divisions and the Federal Capital Area.

Karachi-11.
The 7th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director. Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATION (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	011	9	8	16	05	90	03	6	029	80	8	5	6	2	×	76	83
	Chittagong	000	0	8	18	09	96	02	2	020	81	8	6	5	×	×	77	85
	Maijdee Court	000	9	8	13	02	97	02	2	012	82	2	4	6	2	×	78	83
	Comilla	086	5	8	18	05	99	02	6	008	82	8	5	5	×	×	79	86
	Brahmanbaria	055	3	8	00	00	97	03	6	009	80	8	5	3	×	×	79	83
	Sylhet	034	4	8	00	00	96	02	6	011	79	6	5	6	2	×	78	87
	Srimangal	027	4	8	00	00	97	02	6	015	80	8	5	6	×	×	77	88
Dacca	Mymensingh	078	3	8	00	00	95	60	6	007	80	8	6	3	×	×	79	84
	Narayanganj	005	7	8	18	02	94	03	6	000	81	8	7	4	×	×	78	81
	Dacca (Tezgaon)	004	9	8	16	05	97	02	6	997	81	3	5	4	2	×	78	83
	Faridpur	185	3	8	00	00	95	61	9	995	77	8	6	6	×	×	76	85
	Barisal	074	4	8	18	02	95	62	9	006	80	6	0	9	9	0	79	87
Rajshahi	Khulna	044	5	8	00	00	97	03	6	003	80	8	5	6	×	×	79	85
	Satkhira	190	8	8	00	00	96	03	6	006	78	×	×	6	×	×	77	90
	Jessore	100	6	8	09	03	96	50	3	995	78	8	7	5	×	×	78	89
	Sirajganj	112	6	8	18	01	95	02	9	990	79	8	7	5	×	×	78	84
	Bogra	080	7	5	13	02	96	02	9	993	82	4	4	6	3	0	79	85
	Dinajpur	012	1	8	09	02	95	66	2	999	80	8	7	6	0	0	76	86
	Rangpur	030	8	8	18	02	95	62	6	×××	78	8	7	5	×	×	78	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	1	13	05	96	03	1	937	94	1	0	9	7	0	75	95
	Sialkot	000	3	1	05	04	98	01	2	929	93	0	0	9	0	9	73	94
Rawalpindi	Jhelum	000	3	6	13	05	97	03	2	932	93	2	1	7	3	1	73	98
	Rawalpindi	000	0	6	16	05	98	03	9	921	90	6	5	6	3	0	71	01
	Khushab	000	0	7	07	21	97	98	1	926	97	7	9	6	0	0	74	04
Multan	Lyallpur	000	0	6	16	02	96	02	0	920	97	6	2	8	0	0	74	99
	Montgomery	000	0	0	23	03	96	00	0	926	98	0	0	9	0	0	72	99
	Multan	000	0	0	05	04	96	00	0	932	03	0	0	9	0	0	76	03
Bahawalpur	Leiah																	
	Khanpur	000	0	0	23	05	96	00	0									
	Bahawalpur	000	0	0	00	00	97	00	0	931	07	0	0	9	0	0	74	08
	Fort Abbas									928	02	0	0	9	0	0	73	04
Peshawar	Chakdara	000	0	1	××	××	98	03	1	876	99	1	4	7	0	×	81	00
	Peshawar	000	0	1	05	05	97	02	0	891	01	1	1	7	0	0	49	03
	Haripur	000	5	5	36	05	96	07	0	892	01	5	2	6	×	×	78	05
	Campbellpur	000	0	3	23	05	99	03	1	895	08	3	2	6	0	0	53	08
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	896	63	0	0	9	0	0	68	04
	D.I. Khan	000	0	0	00	00	98	00	0	927	05	0	0	9	0	0	74	06
Quetta	Sibi	000	0	0	23	01	98	00	0	896	12	0	0	9	0	0	60	14
Kalat	Nokkundi	000	0	0	34	05	98	02	0	925	04	0	0	9	0	0	35	05
	Turbat	000	0	0	23	02	97	00	0	992	04	0	0	9	0	0	81	06
	Jiwani	000	0	4	18	10	96	03	1	980	85	4	5	5	0	0	74	87
	Pasni	000	0	4	20	19	96	00	0	980	85	4	5	7	0	0	78	89
	Ormara	000	0	0	××	××	97	00	0	978	86	0	0	9	0	0	81	87
	Las Bela	000	0	0	00	00	99	00	0	979	96	0	0	9	0	0	76	03
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	27	12	97	01	2	978	89	0	0	9	7	0	82	90
	Karachi (Air port)	000	0	7	25	21	96	02	2	981	85	7	5	6	0	0	75	86
	Badin	000	0	6	23	03	97	20	3	995	89	6	0	9	0	0	71	93
	Nagarparker	×××	×	0	09	37	96	30	3	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	05	97	00	0	954	97	0	0	9	0	0	85	01
	Hyderabad	000	0	0	23	14	96	07	0	952	93	0	0	9	0	0	70	97
Khairpur	Pad-i-dan	000	0	0	18	02	98	02	0	913	13	0	0	9	0	0	55	13
	Nawabshah																	
	Sukkur	000	0	0	25	02	96	00	0	910	06	0	0	9	0	0	69	07
	Kashmore	000	0	0	18	02	99	00	0	911	05	0	0	9	0	0	67	09
	Jacobabad	000	0	0	18	05	97	02	0	910	05	0	0	9	0	0	74	06
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	36	02	99	00	0	977	93	0	0	9	0	0	82	96
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	029	73	0	0	9	0	0	14	75
Rawalpindi	Aliabad *																	
	Gilgit *																	
	Murree *	000	9	6	16	07	97	02	1	399	69	6	9	3	0	0	62	76
Peshawar	Drosh *	000	0	0	36	07	96	02	0	344	00	0	0	9	0	0	25	05
	Cherat *	000	0	0	18	05	97	00	0	391	94	0	0	9	0	0	52	96
	Kakul *	002	3	8	11	05	95	50	2	388	81	8	8	6	×	×	64	89
	Landi Kotal *	000	0	0	00	00	97	00	0	382	98	0	0	9	0	0	86	01
D. I. Khan	Parachinar *	000	0	0	13	02	99	00	0	799	89	C	0	9	0	0	49	××
	Miranshah *	000	0	0	00	00	99	00	0	429	99	0	0	9	0	0	95	99
	Wana *																	
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	383	01	0	0	9	0	0	23	02
	Hindubagh *	000	0	0	31	02	98	00	0	370	95	0	0	9	0	0	39	97
	Loralai *	000	0	0	23	05	98	00	0	494	96	0	0	9	0	0	32	99
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	27	02	97	00	0	376	92	0	0	9	0	0	57	94
Kalat	Chaman *	000	0	0	29	03	98	00	0	404	93	0	0	9	0	0	70	00
	Kalat *	000	0	0	34	11	98	00	0	396	86	0	0	9	0	0	25	89
	Nushki *	000	0	0	18	09	95	00	0	465	04	0	0	9	0	0	38	06
	Dalbandin *	000	0	0	13	05	96	02	0	408	04	0	0	9	0	0	50	05
	Panjgur *	000	0	0	31	05	98	00	0	425	99	0	0	9	0	0	43	00
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

STATION (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	011	9	5	13	05	96	01	2	029	84	2	3	7	0	6	75	76
Chittagong	000	0	5	16	09	97	01	1	022	83	3	4	7	2	0	75	77
Maijdee Court	020	9	8	13	05	97	01	2	020	83	2	2	6	2	2	77	76
Comilla	086	0	4	18	09	99	03	0	020	83	4	5	5	0	0	75	77
Brahmanbaria	055	0	6	18	03	97	01	2	025	85	4	4	4	4	0	76	77
Sylhet	040	8	5	09	02	96	03	6	029	85	3	5	6	2	0	79	77
Srimangal	027	0	3	18	02	97	02	1	029	84	2	1	7	0	1	75	76
Mymensingh	098	9	8	09	02	98	02	6	026	83	8	4	4	×	×	79	79
Narayanganj	005	9	8	13	05	95	03	6	019	86	8	7	8	×	×	78	79
Dacca (Tezgaon)	007	9	8	16	05	98	21	2	012	83	7	8	4	0	1	79	79
Faridpur	219	9	8	16	02	96	03	6	008	84	3	5	7	0	0	78	75
Barisal	078	9	8	27	02	95	03	6	014	83	6	0	9	4	2	79	79
Khulna	086	0	3	00	00	97	00	0	010	84	3	5	7	0	0	81	78
Satkhira	190	0	8	00	00	97	03	2	004	85	×	×	7	×	×	81	77
Jessore	100	0	4	09	05	97	02	2	005	84	2	4	6	6	0	81	77
Sirajganj	130	5	8	13	01	96	02	6	006	84	8	6	5	×	×	79	77
Bogra	100	4	6	00	00	97	02	6	011	79	6	6	6	0	0	78	77
Dinajpur	090	6	8	00	00	96	61	6	005	79	8	4	7	0	0	78	74
Rangpur	068	2	8	36	02	95	20	6	×××	80	8	7	5	×	×	79	78
Jammu																	
Lahore (Jail Rd.)	000	0	2	05	05	96	00	0	966	85	0	0	9	3	0	76	82
Sialkot	000	6	4	23	05	97	01	2	965	87	0	0	9	3	7	72	82
Jhelum	000	0	4	00	00	97	03	0	964	90	1	1	9	3	1	71	80
Rawalpindi	085	6	4	00	00	99	01	9	981	80	4	0	9	3	0	71	74
Khushab	000	0	4	07	03	98	02	1	964	90	4	0	9	3	0	67	83
Lyallpur	000	0	0	25	02	96	00	0	959	87	0	0	9	0	0	76	84
Montgomery	000	0	0	23	05	98	01	0	955	86	0	0	9	0	0	69	85
Multan	000	0	0	13	02	96	00	0	962	84	0	0	9	0	0	74	79
Leiah																	
Khanpur	000	0	0	25	07	96	00	0	961	84	0	0	9	0	0	75	80
Bahawalpur	000	0	0	18	02	97	00	0	970	84	0	0	9	0	0	73	81
Fort Abbas																	
Chakdara	000	0	4	00	00	97	02	0	940	82	0	×	7	7	×	69	62
Peshawar	000	0	1	02	03	96	05	0	949	85	1	1	7	3	0	73	81
Haripur	000	9	7	31	02	96	17	5	955	84	7	2	6	×	×	72	82
Campbellpur	000	0	8	13	05	96	03	1	967	84	3	2	6	5	0	72	83
Bannu	000	0	0	13	02	99	00	0	951	89	0	0	9	0	0	75	××
D.I. Khan	000	0	0	05	02	98	00	0	954	89	0	0	9	0	0	78	82
Sibi	000	0	0	00	00	99	00	0	953	90	0	0	9	0	0	69	90
Nokkundi	000	0	0	34	09	98	02	0	937	91	0	0	9	0	0	59	86
Turbat	000	0	0	00	00	98	03	2	002	××	0	0	9	0	0	76	82
Jiwani	000	0	5	00	00	97	03	1	991	82	5	6	4	0	0	74	77
Pasni	000	0	6	13	00	94	05	0	013	79	6	5	7	0	0	74	77
Ormara	000	0	8	××	02	98	03	2	016	80	8	0	9	2	0	79	78
Las Bela	000	0	0	00	02	98	00	0	965	84	0	0	0	0	0	75	82
Karachi (Manora)	000	0	6	25	09	96	01	2	995	83	0	0	9	2	0	76	79
Karachi (Air port)	000	0	6	25	14	96	03	2	993	83	6	5	6	0	0	75	81
Badin	000	3	6	23	06	96	20	3	998	83	0	7	9	0	0	73	××
Nagarparker	×××	×	6	36	05	96	83	3	×××	××	6	1	9	2	3	××	××
Umarkot	000	0	0	23	05	97	00	0	961	84	0	0	9	0	0	74	81
Hyderabad	000	0	0	23	14	96	07	0	968	83	0	0	9	0	0	72	80
Pad-i-dan	010	0	3	13	05	98	01	1	943	85	0	0	9	0	1	70	80
Nawabshah	000	0	0	18	05	97	02	0	944	84	0	0	9	0	0	71	80
Sukkur	000	0	0	13	05	96	00	0	949	82	0	0	9	0	0	72	79
Kashmore																	
Jacobabad	000	0	0	11	10	97	02	0	964	84	0	0	9	0	0	74	81
Veraval																	
Jalalabad																	
Muscat	000	0	0	00	00	99	00	0	969	91	0	0	9	0	0	77	84
Kuwait																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	000	0	0	00	00	98	00	0	031	61	0	0	9	0	0	21	55
Aliabad *																	
Gilgit *																	
Murree *	000	9	9	23	02	93	49	1	416	65	9	×	0	×	×	63	63
Drosh *	000	0	0	00	00	96	02	0	410	81	0	0	9	0	0	41	72
Cherat *	000	0	6	18	03	96	03	0	406	74	6	0	9	2	0	68	72
Kakul *	002	9	7	16	02	96	03	2	416	76	7	4	7	0	0	67	72
Landi Kotal *	000	0	0	02	02	97	00	0	399	83	0	0	9	0	0	71	71
Parachinar *	000	0	0	00	00	99	00	0	795	73	0	0	9	0	0	56	××
Miranshah *	000	0	0	00	00	99	00	0	443	85	0	0	9	0	0	81	81
Wana *	000	0	0	00	00	95	00	6	419	80	0	0	9	0	0	63	72
Fort Sandeman *	000	0	0	00	00	95	00	0	415	84	0	0	9	0	0	61	74
Hindubagh *	000	0	2	07	05	98	00	0	4-5	78	0	0	9	0	0	37	68
Loralai *	000	0	0	31	02	98	00	0	954	74	0	0	9	0	0	42	64
Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	—	—
Quetta *	000	0	0	00	00	95	00	0	403	73	0	0	9	0	0	52	59
Chaman *	000	0	0	16	02	97	00	0	409	85	0	0	9	0	0	65	70
Kalat *	000	0	0	16	05	98	00	0	427	68	0	0	9	0	0	28	57
Nushki *	000	0	0	09	10	97	00	0	491	86	0	0	9	0	0	01	81
Dalbandin *	000	0	0	00	00	96	02	0	390	78	0	0	9	0	0	37	76
Panjgur *	000	0	0	00	00	98	00	0	423	78	0	0	9	0	0	50	70
Kabul *																	
Kandahar *																	

Departure from Normal of / Rainfall

STATION (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	-2	0	87.9	+15.2	98.8	140
Chittagong	0	+1	50.0	+1.1	57.4	100
Maijdee Court	-3	-2	38.5	-11.5	46.7	115
Comilla	-1	0	31.0	-2.7	42.9	94
Brahmanbaria	—	—	29.3	0.0	47.0	79
Sylhet	—	—	54.0	—	104.6	
Srimangal	-2	0	40.1	+4.3	66.8	98
Mymensingh	-4	+1	38.2	+1.4	52.2	91
Narayanganj	-6	0	34.1	+5.8	50.2	74
Dacca (Tezgaon)	—	—	37.9	—	52.9	
Faridpur	-2	-4	32.1	+3.5	44.2	71
Barisal	0	+1	27.4	-7.5	44.6	81
Khulna	-2	0	29.3	-0.5	37.4	68
Satkhira	+2	-1	24.8	-3.3	30.6	65
Jessore	—	—	32.8	+3.7	36.1	65
Sirajganj	-3	-1	45.0	+18.4	55.9	64
Bogra	-3	-2	45.3	+16.6	52.8	69
Dinajpur	-2	-5	31.6	-0.8	35.0	72
Rangpur	-4	0	37.5	+1.0	46.3	84
Jammu						..
Lahore (Jail Rd.)	-3	+3	7.3	-0.9	16.8	19
Sialkot	-1	+3	8.5	-4.4	31.8	32
Jhelum	—	—	5.5	—	16.3	
Rawalpindi	+6	-2	6.7	-5.7	22.7	36
Khushab	+4	+1	5.3	-0.9	14.0	15
Lyallpur	+9	+3	4.8	-0.1	10.9	12
Montgomery	-2	+3	0.2	-4.1	4.0	10
Multan	+4	-5	0.7	-2.3	4.1	7
Leiah						8
Khanpur	+5	-2	0	-3.2	1.0	6
Bahawalpur	+3	-1	1.0	-2.1	2.3	6
Fort Abbas						8
Chakdara	—	—	1.9	—	16.7	..
Peshawar	+4	+2	1.5	-0.8	12.6	14
Haripur	—	—	2.6	—	16.7	..
Campbellpur	—	—	2.1	—	17.5	..
Bannu	—	—	1.5	—	8.6	11
D.I. Khan	+5	0	2.0	-1.4	7.6	10
Sibi	—	—	1.1	—	4.2	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	..
Jiwani	—	—	0	—	3.1	4
Pasni	0	0	0	-0.8	6.2	6
Ormara	—	—	0	-0.7	3.8	6
Las Bela	—	—	1.5	—	2.6	8
Karachi (Manora)	+5	0	0.5	-3.9	0.9	8
Karachi (Air port)	—	—	0.7	—	1.1	
Badin	+1	×	0	-4.2	0	9
Nagarparker	—	—	—	—	—	..
Umarkot	—	—	2.8	—	2.8	
Hyderabad	+1	+1	0.2	-3.8	2.0	7
Pad-i-dan	—	—	0	—	1.2	..
Nawabshah	—	—	0.1	—	0.6	
Sukkur	—	—	0.1	—	2.9	4
Kashmore	—					
Jacobabad	+2	-2	0	-1.6	3.5	4
Veraval						20
Jalalabad						..
Muscat	+5	-1	0	-0.1	6.9	4
Kuwait						..
Srinagar *						26
Gulmarg **						..
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **	—	—	—	—	—	..
Aliabad *						..
Gilgit *						5
Murree *	+4	+5	13.3	+7.1	47.2	59
Drosh *	+9	-1	0.9	—	23.0	18
Cherat *	—	—	3.2	-2.7	23.9	29
Kakul *	—	—	6.1	—	33.6	..
Landi Kotal *	—	—	0.7	—	15.0	..
Parachinar *	×	×	5.2	—	24.3	29
Miranshah *	—	—	2.5	-0.7	14.7	13
Wana *	—	—	1.0	—	13.1	..
Fort Sandeman *	+7	0	2.0	-1.2	12.5	11
Hindubagh *	—	—	0	—	12.3	..
Loralai *	—	—	1.7	—	10.6	
Harnai *	—	—	1.6	-3.0	13.9	14
Quetta *	—	—	0	-0.8	9.5	9
Chaman *	0	-5	0	-0.1	10.2	8
Kalat *	-1	-2	0	-0.9	8.4	7
Nushki *	—	—	0	—	8.0	..
Dalbandin *	-3	-3	0	-0.2	4.4	4
Panjgur *	-2	-5	0	—	4.2	5
Kabul *						12
Kandahar *						..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 7th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sirrah	33 225	642 00	8 21 20	97 02 2	050 81	85 5 00	3 4 400	..	0 51 64	1 21 35
Fujisamare	33 215	620 00	8 20 23	97 02 2	020 79	85 3 xx	7 6 620	..	..	..
Sirrah	33 220	656 06	6 25 18	97 01 2	070 82	35 1 10	..	..	0 51 75	1 11 35
Darwish	33 203	707 06	8 26 16	97 81 8	060 81	88 4 xx	7 5 400	..	0 52 75	1 26 44
Alsayyada	33 161	713 06	5 27 13	99 03 1	140 82	42 4 01	7 3 104	..	0 03 75	1 27 54
Sirrah	33 213	671 12	8 25 20	97 03 2	050 82	85 5 00	3 5 705	..	0 51 75	1 22 45
Darwish	33 218	691 18	7 25 18	97 18 8	027 28	7xx xx	7 5 400	..	0 00 26	1 25 xx

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface (PPP TTT $T_dT_dT_d$)	1000 mb (HHH TTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra ..														
Chittagong ..														
Dacca ..														
Peshawar ..														
Karachi ..	00 00	995 282 258	515 xxxxx	..	400 252 162	..	101 148 082	380 028 532	839 512 562	586 625 662	971 785	..	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	833 000 000	..	..	..	..	076 138 032	348 038 785	..	..	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels (PPP TTT $T_dT_dT_d$)									Max. Height Reached (PPP TTT $T_dT_dT_d$)	TROPOPAUSE: Sc. HHHH TT	TROPOPAUSE: Sc. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra ..													
Chittagong ..													
Dacca ..													
Peshawar ..													
Karachi ..	00 00	900 195 195	864 175 172	800 225 142	568 005 615	492 525 578	436 575 615	350 715 999	250 058 999	240 885 999	040 885 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 195 082	576 009 999	..	..	.	..	..	..	..	..	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of °C.;
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Heights in Kms a.s.l. → STATION	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
1	2	3	4	5	6	7	8	9	10
Sagra ..	17 12	..	..	..	..	..	..	..	..
Chittagong ..	..	..	..	..	..	..	..	..	..
Calcutta ..	22 29	23 32	..	..	..	..	..	..	..
Chittagong ..	17 15	18 19	18 23	..	..	..	..	..	..
Cox's Bazar ..	17 09	20 15	20 15	20 14	21 10	21 09	..	..	..
Dacca ..	15 17	18 21	20 16	21 15	22 16	21 13	22 22	20 25	..
Dalbandin ..	..	..	25 05	19 03	15 03	36 05	35 09	02 10	06 12
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	22 12	22 16	21 10	11 02	32 05	34 11
Fort Sandeman ..	..	..	..	27 14	28 12	29 09	21 09	25 31	36 41
Islamabad ..	18 13	15 06	24 04	24 06	26 11	27 10	28 19	36 20	01 23
Jacobabad ..	..	..	..	..	..	..	..	..	..
Jhelum ..	15 08	16 12	16 12	19 10	19 02	28 19	32 17	32 12	34 16
Jhelum ..	19 15	24 13	25 08	29 10	33 14	..	..	..	..
Karachi ..	25 42	26 29	27 32	..	..	..	..	..	..
Khanpur ..	22 15	22 15	21 12	20 12	20 14	23 23	..	..	..
Lahore ..	10 05	25 06	16 07	18 06	31 05	29 12	29 15	33 21	35 20
Multan ..	20 07	23 06	27 05	27 08	27 09	25 12	31 21	..	..
Mianwali ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	13 27	15 35	15 23	17 23	17 20	25 17	27 24	29 34
Quetta ..	..	..	..	..	51 08	31 10	05 15	03 13	36 13
Sharjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	31 01	21 07	19 07	..	..	..	..	..	..
Tarawal ..	..	..	..	..	..	..	..	..	..

Heights in Kms a.s.l. → STATION	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
1	11	12	13	14	15	16
Sagra ..	No	ascent	..	..	..	..
Chittagong ..	..	..	..	..	..	..
Calcutta ..	22 27	23 36	..	..	..	..
Chittagong ..	16 15	16 27	17 26	18 21	19 23	..
Cox's Bazar ..	16 20	17 16	17 16	19 15	19 11	19 12
Dacca ..	16 19	16 19	17 16	19 09	..	..
Dalbandin ..	..	..	24 11	27 04	32 06	32 11
D. I. Khan ..	..	..	..	..	..	..
Drosh ..	..	..	..	..	05 01	04 04
Fort Sandeman ..	..	..	..	..	..	..
Islamabad ..	15 14	19 15	20 12	21 10	17 07	..
Jacobabad ..	..	..	..	..	..	..
Jhelum ..	13 04	12 12	12 12	13 09	18 06	31 07
Jhelum ..	19 05	23 07	26 07	30 25	32 22	..
Karachi ..	27 23	26 25	27 21	..	..	..
Khanpur ..	19 17	20 23	22 23	26 06	25 08	30 12
Lahore ..	10 07	13 17	14 18	18 13	20 10	30 07
Multan ..	21 26	21 27	23 22	..	..	..
Mianwali ..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	33 19	32 19	28 11	28 08	29 09
Quetta ..	..	..	..	..	26 09	29 14
Sharjah ..	..	..	..	..	..	..
Sylhet ..	15 09	18 15	..	..	..	..
Tarawal ..	..	..	..	..	..	..

Heights in Kms a.s.l. → STATION	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
1	17	18	19	20	21	22	23	24	25	26	27
Sagra ..	13 13	..	..	..	..	..	..	..	..	..	..
Chittagong ..	..	..	..	..	..	..	..	..	..	..	..
Calcutta ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	18 17	..	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	16 10	17 06	19 08	..	..	..	..	..	..	..	..
Dacca ..	15 09	..	..	..	..	..	..	..	..	..	..
Dalbandin ..	..	..	25 07	24 10	24 05	25 03	14 13	08 12	03 09	01 07	03 09
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	20 04	09 03	35 19	36 12	36 17	34 21	..
Fort Sandeman ..	..	..	..	..	..	..	..	..	..	..	..
Islamabad ..	11 07	06 07	03 10	02 17	36 10	30 03	16 05	11 10	06 15	03 29	02 25
Jacobabad ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	16 03	14 07	13 08	12 06	29 05	31 06	01 16	01 22	..	..	..
Jhelum ..	11 05	24 07	28 03	..	..	..	..	..	..	..	..
Karachi ..	26 25	26 25	27 27	..	..	..	..	..	..	..	..
Khanpur ..	20 09	21 07	21 04	30 03	31 06	30 08	06 06	02 16	02 20	02 15	03 25
Lahore ..	13 15	16 17	18 12	28 03	27 03	..	..	..	..	..	..
Multan ..	20 05	19 04	21 03	08 04	02 06	01 04	35 03	02 07	03 12	02 22	03 22
Mianwali ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	04 08	05 08	35 05	30 12	30 13	31 11	35 13	02 15	02 22	33 20
Quetta ..	..	..	..	..	29 03	31 06	12 09	03 13	02 16	02 09	32 05
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	10 03	13 03	13 05	..	..	..	..	..	..	..	..
Tarawal ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Heights in g. p. Kms. a. s. l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 25	26 19	27 19	29 23	29 21	30 14	07 13	34 08	03 06	07 13	03 12	07 15						
Peshawar ..																		
Quetta ..																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

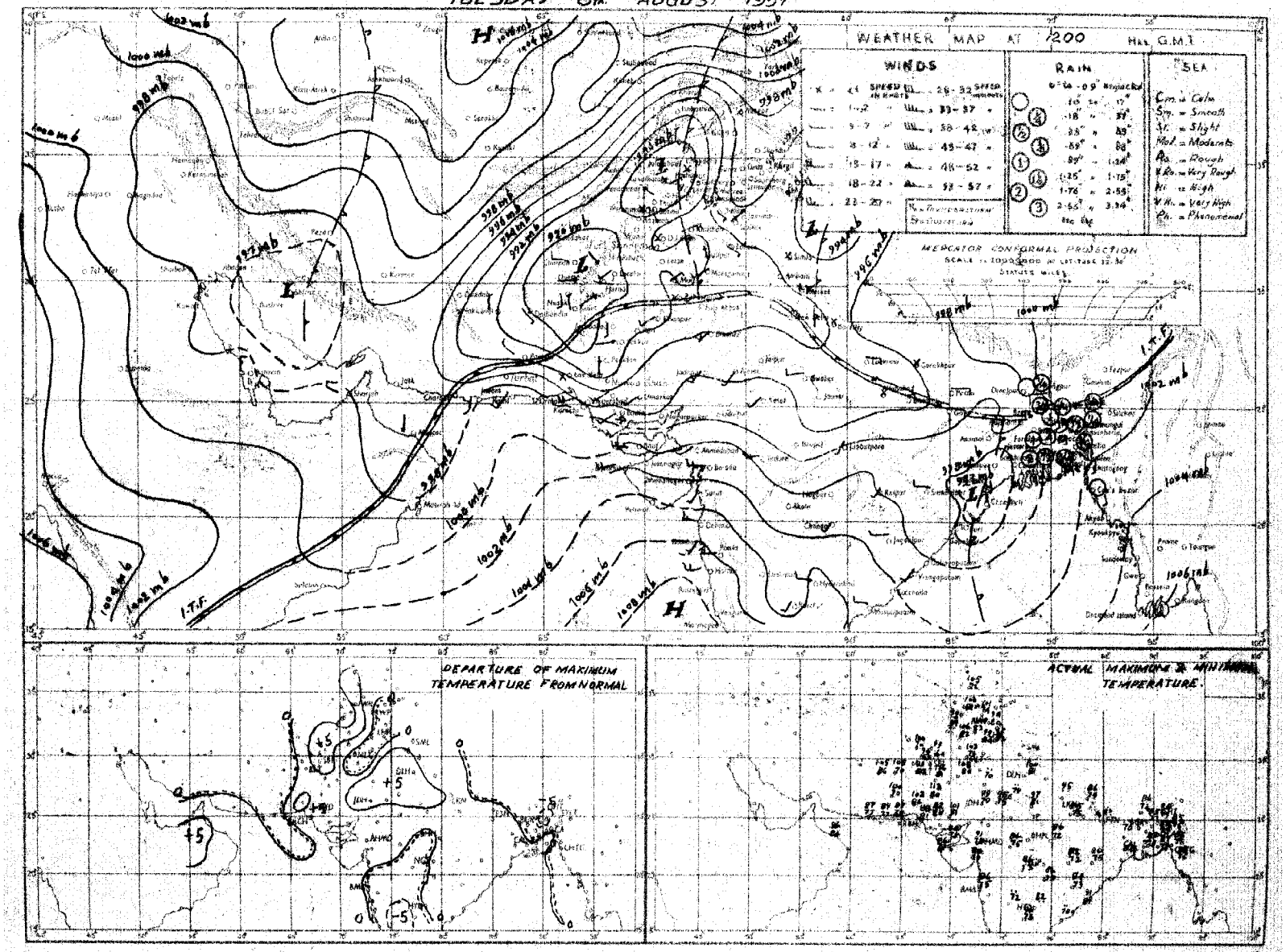
Cloud observation Data, (GGiii Cddv$_r$v$_r$ etc)

Jhelum 12598 32908

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.

PAKISTAN DAILY WEATHER MAP

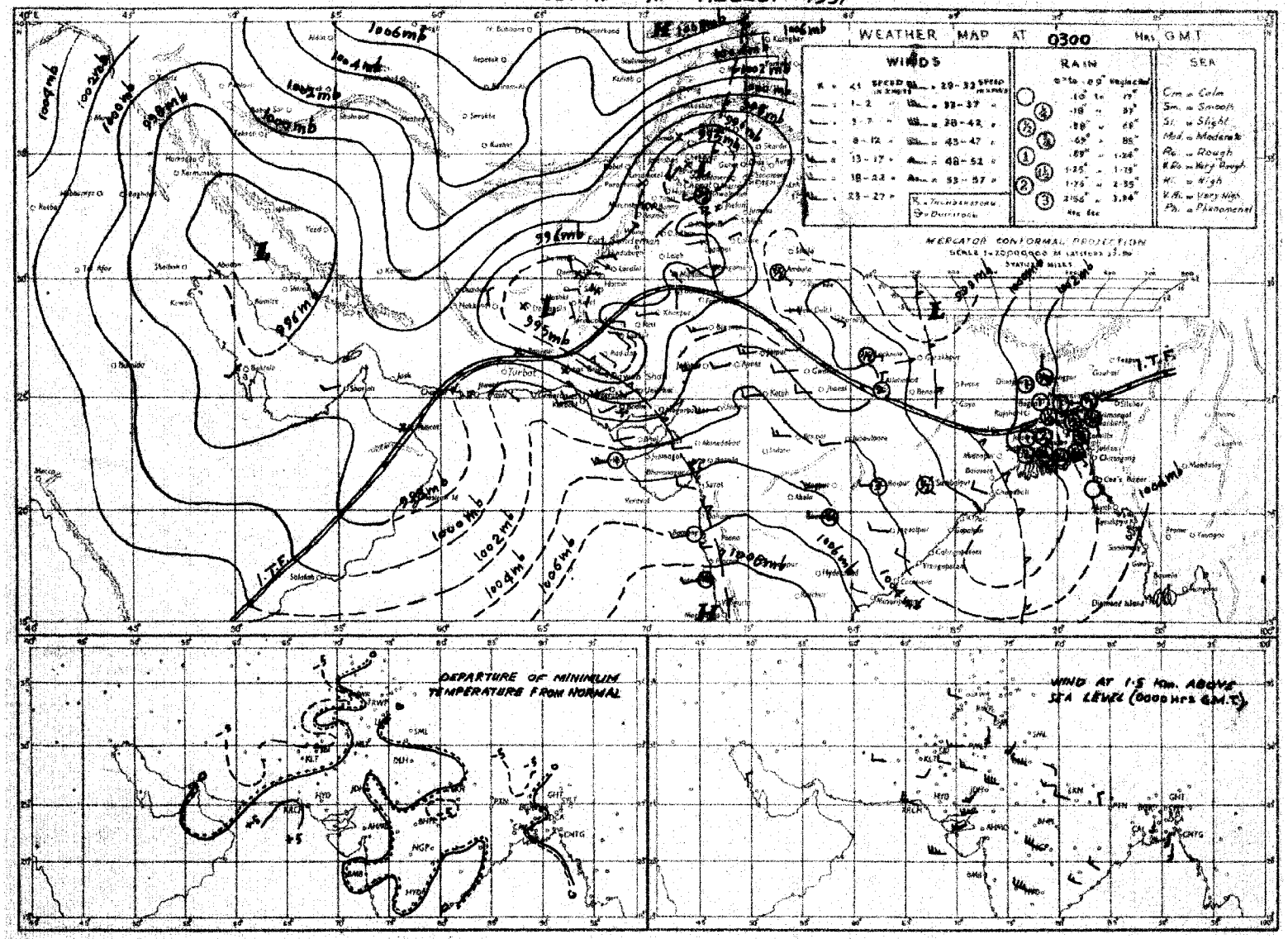
TUESDAY 6th AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 7th AUGUST 1957



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

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Reg. No. S 1467

PAKISTAN DAILY WEATHER REPORT

THURSDAY, THE 8th AUGUST, 1957.

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

Yesterday's low pressure wave affecting Peshawar division is moving away across Kashmir and has caused fairly widespread thunderstorm/showers in Lahore and Rawalpindi divisions and scattered in Peshawar and Multan divisions.

A fresh low pressure wave is approaching Peshawar division.

Unsettled conditions over head Bay of Bengal persist where a depression may form.

Rainfall has been local in Dacca division and scattered in Rajshahi and Chittagong divisions.

Chief amounts of rainfall are:—Rangpur 1"; Dinajpur ¾"; Lahore, Jhelum, and Campbellpur ½" each; Narayanganj and Murree ¼" each.

Day temperatures were generally 3-5°F above normal in Quetta, Peshawar, D. I. Khan and Hyderabad divisions and the Federal Capital Area and 2-5°F below normal in Lahore divisions.

Forecast valid until the evening of 9th :—Rain/thundershowers will be fairly widespread in East Pakistan. Local thunderstorm/showers will occur in Lahore and Rawalpindi divisions and scattered in Peshawar division.

Heavy rainfall warning:—Locally moderate to heavy rain will fall in East Pakistan during next 48 hours.

Karachi-11.
The 8th August, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F. TxTx (19)
Chittagong	Cox's Bazar	000	6	1	16	03	96	03	6	003	83	1	1	6	0	0	77	88
	Chittagong	009	7	6	18	09	96	03	6	995	82	4	6	6	2	0	78	88
	Maijdee Court	000	9	4	18	05	98	01	1	991	84	0	0	6	2	2	77	86
	Comilla	000	0	8	18	07	99	01	2	992	85	8	5	5	×	×	77	88
	Brahmanbaria	014	2	6	18	02	97	03	6	944	83	2	4	2	4	0	80	89
	Sylhet	000	0	7	00	00	97	03	2	289	87	4	4	6	2	0	79	90
	Srimangal	002	6	7	23	02	97	03	6	998	85	6	4	6	3	0	76	91
Dacca	Mymensingh	013	3	8	00	00	97	02	6	996	82	8	7	5	×	×	78	87
	Narayanganj	025	5	8	18	03	94	03	6	989	83	8	7	4	×	×	78	88
	Dacca (Tezgaon)	009	6	7	18	02	97	07	6	982	83	3	4	4	2	1	79	87
	Faridpur	000	8	8	11	10	96	02	2	985	84	5	4	7	1	×	79	87
	Barisal	005	4	8	00	00	95	03	5	982	82	8	0	9	4	×	81	88
Rajshahi	Khulna	000	0	8	13	03	97	03	2	985	82	8	5	6	×	×	85	91
	Satkhira	000	0	7	00	00	97	03	2	979	84	5	5	7	9	0	79	90
	Jessore	000	0	6	18	05	97	02	2	982	84	4	4	6	6	0	80	87
	Sirajganj	000	0	8	16	01	96	02	2	978	84	8	6	6	×	×	80	87
	Bogra	000	0	5	09	02	96	02	1	999	82	5	4	6	0	0	79	85
	Dinajpur	078	7	8	13	02	95	02	6	992	80	8	5	7	×	×	78	83
	Rangpur	136	4	7	09	02	96	01	6	×××	79	7	6	6	0	0	78	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	7	3	09	05	95	05	2	949	93	1	8	7	7	0	77	95
	Sialkot	000	0	0	13	03	97	00	0	950	90	0	0	9	0	0	76	93
Rawalpindi	Jhelum	000	9	0	13	07	96	01	2	941	92	0	0	9	0	0	70	94
	Rawalpindi	000	0	3	23	05	98	02	1	931	91	3	2	7	0	0	71	95
	Khushab	000	0	2	09	05	97	03	1	931	98	2	2	6	0	0	76	99
Multan	Lyallpur	000	0	7	29	02	96	17	9	933	99	7	2	8	0	0	75	00
	Montgomery	000	0	0	00	00	96	00	0	949	98	0	0	9	0	0	89	99
	Multan	000	0	1	05	02	96	01	0	942	98	0	0	9	0	1	75	02
Bahawalpur	Leiah																	
	Khanpur	000	0	0	18	03	96	00	0	932	01	0	0	9	0	0	76	05
	Bahawalpur	000	0	0	00	00	97	00	0	935	01	0	0	9	0	0	76	02
	Fort Abbas	000	0	0	13	02	97	00	0	936	98	0	0	9	0	0	68	03
Peshawar	Chakdara	000	0	1	××	××	98	01	1	897	93	1	2	7	0	0	70	97
	Peshawar	000	0	1	02	07	95	05	0	902	01	1	3	7	0	0	92	02
	Haripur	000	9	7	09	02	96	03	9	908	99	6	1	6	2	0	67	01
	Campbellpur	000	0	0	13	07	95	07	1	913	01	0	0	9	0	0	70	01
D.I. Khan	Bannu	000	0	0	13	02	97	00	0	912	00	0	0	9	0	0	71	01
	D.I. Khan	000	0	0	00	00	98	00	0	968	04	0	0	9	0	0	76	05
Quetta	Sibi	000	0	0	23	02	98	00	0	913	08	0	0	9	0	0	67	10
Kalat	Nokkundi	000	0	0	34	05	98	02	0	899	07	0	0	9	0	0	47	10
	Turbat	000	0	0	09	04	97	00	0	994	05	0	0	9	0	0	82	06
	Jiwani	000	0	1	18	10	98	02	0	989	85	1	6	4	0	0	76	87
	Pasni	000	0	4	16	14	95	07	0	987	87	4	5	7	0	0	75	90
	Ormara	000	0	4	××	××	98	01	1	989	86	4	0	9	2	0	81	87
	Las Bela	000	0	0	00	00	98	00	0	984	96	0	0	9	0	0	82	03
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	12	97	01	2	974	89	4	0	9	5	0	83	90
	Karachi (Air port)	000	0	7	25	12	96	01	2	978	86	7	6	5	0	0	74	88
	Badin	000	0	0	23	02	97	00	0	988	01	0	0	9	0	0	73	04
	Nagarparker																	
	Umarkot	000	0	0	23	05	97	00	0	948	95	0	0	9	0	0	77	98
	Hyderabad	000	0	0	23	14	95	07	0	955	93	0	0	9	0	0	68	98
Khairpur	Pad-i-dan	000	0	0	18	02	98	00	0	926	09	0	0	9	0	0	59	09
	Nawabshah	000	0	0	18	09	97	02	0	931	03	0	0	9	0	0	73	06
	Sukkur	000	0	0	13	03	96	00	0	917	03	0	0	9	0	0	71	04
	Kashmore																	
	Jacobabad	000	0	0	18	03	97	02	0	927	01	0	0	9	0	0	82	01
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	02	99	00	0	950	92	0	0	9	0	0	81	98
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	067	75	0	0	9	0	0	25	97
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	8	29	03	96	02	4	404	68	8	9	3	×	×	64	72
Peshawar	Drosh *	000	0	0	23	09	96	02	0	361	97	0	0	9	0	0	39	01
	Cherat *	000	6	2	18	07	96	01	1	400	88	2	2	6	0	0	66	90
	Kakul *	000	3	4	20	07	99	17	1	396	85	4	4	7	0	0	68	87
	Landi Kotal *	000	0	1	02	03	97	03	0	386	93	1	1	6	0	0	84	94
	Parachinar *	000	0	1	36	02	99	02	0	799	88	1	1	7	0	0	60	××
D.I. Khan	Miranshah *	000	0	2	05	02	96	02	0	420	95	2	0	9	2	0	93	97
	Wana *																	
Quetta	Fort Sandeman *	000	0	3	23	02	96	01	0	382	96	3	1	6	0	0	54	00
	Hindubagh *	000	0	0	27	05	98	00	0	367	95	0	0	9	0	0	39	××
	Loralai *	000	0	2	13	02	98	02	1	477	94	2	0	9	3	0	39	96
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	23	03	97	02	0	390	95	0	0	9	0	0	60	97
Kalat	Chaman *	000	0	0	25	05	98	00	0	400	00	0	0	9	0	0	75	02
	Kalat *	000	0	0	36	05	98	00	0	369	92	0	0	9	0	0	48	94
	Nushki *	000	0	0	27	06	96	00	0	456	06	0	0	9	0	0	38	08
	Dalbandin *	000	0	0	31	05	96	02	0	394	06	0	0	9	0	0	47	07
	Panjgur *	000	0	0	27	02	98	00	0	407	03	0	0	9	0	0	55	04
Afghanistan	Kabul *	000	0	0	09	02	99	00	0	429	86	0	0	9	0	0	63	92
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum temperature °F. TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	0	5	13	05	96	03	1	016	85	3	3	6	0	6	76	78	+ 3	+ 2	87.9	+ 14.3	98.8	140
	Chittagong	009	9	6	09	05	97	02	6	019	84	4	5	6	2	0	76	78	+ 3	+ 2	50.1	+ 0.5	57.5	108
	Maijdee Court	000	9	3	13	05	97	01	2	012	84	0	0	9	2	2	75	80	0	+ 2	38.5	- 12.2	46.7	115
	Comilla	000	0	5	18	02	99	03	0	018	85	3	4	5	4	0	76	77	+ 1	0	31.0	- 8.3	42.9	94
	Brahmanbaria	014	0	3	18	03	97	03	6	021	87	3	5	5	0	0	77	80	—	—	29.4	- 0.3	47.0	78
	Sylhet	004	9	7	09	05	97	02	6	020	82	4	7	4	7	0	79	79	—	—	54.1	—	—	..
	Srimangal	002	0	3	05	02	97	02	5	024	82	2	1	7	0	1	77	78	+ 1	+ 2	40.1	+ 3.8	66.7	98
Dacca	Mymensingh	013	0	6	13	02	98	02	5	024	84	0	0	9	0	4	78	79	- 1	+ 1	38.3	+ 1.0	52.4	91
	Narayanganj	025	9	6	09	05	96	03	6	018	85	3	4	4	0	8	75	80	+ 1	+ 1	34.3	+ 5.6	50.5	74
	Dacca (Tezgaon)	009	9	7	13	07	97	03	2	012	85	6	8	5	0	1	78	80	—	—	38.0	—	52.9	..
	Faridpur	000	9	6	11	02	96	03	0	010	84	6	5	7	0	0	78	79	0	0	32.1	+ 3.1	44.2	71
	Barisal	005	9	8	09	02	96	03	5	006	85	8	0	9	6	×	78	80	+ 1	+ 2	27.5	- 7.9	44.7	81
Rajshahi	Khulna	000	0	8	13	05	97	03	2	004	83	8	5	6	×	×	79	80	+ 4	+ 2	29.3	- 0.9	37.4	68
	Satkhira	000	0	8	13	02	96	03	2	995	84	8	6	6	×	×	78	81	+ 2	+ 3	24.8	- 3.7	30.6	65
	Jessore	000	0	8	09	05	96	03	4	001	85	5	4	6	6	×	81	80	—	—	32.8	+ 5.3	36.1	65
	Sirajganj	000	0	6	00	00	96	03	2	009	84	6	2	5	0	0	78	80	0	+ 1	45.0	+ 18.1	55.9	64
	Bogra	000	0	6	09	02	97	01	1	010	83	4	4	6	3	0	79	78	- 3	- 1	45.3	+ 6.2	52.8	69
	Dinajpur	078	2	6	00	00	96	02	6	021	83	6	0	9	2	0	79	72	- 5	- 7	32.4	+ 9.5	35.8	72
	Rangpur	136	0	6	09	02	96	02	6	×××	83	6	4	6	0	0	79	78	- 8	0	38.9	+ 1.9	47.7	84
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.)	043	5	8	00	00	96	95	5	999	75	8	9	5	×	×	73	75	- 3	- 4	7.8	- 0.6	16.4	19
	Sialkot	016	6	8	13	03	96	20	9	000	76	8	5	6	×	×	75	71	- 2	- 8	8.8	- 4.5	31.9	33
Rawalpindi	Jhelum	039	8	8	13	02	96	95	9	007	77	6	9	6	2	×	73	75	—	—	5.9	—	16.7	..
	Rawalpindi	012	5	6	00	00	98	29	9	002	79	6	2	6	0	0	75	76	0	- 3	6.8	- 6.6	22.8	36
	Khushab	000	0	3	09	07	97	02	1	994	83	3	0	9	3	0	73	81	- 1	- 1	5.3	- 1.1	14.0	15
Multan	Lyallpur	000	0	6	16	03	95	02	9	994	80	6	2	8	0	0	73	80	×	- 1	4.8	- 0.2	10.9	12
	Montgomery	000	0	0	13	02	98	00	0	985	85	0	0	9	0	0	75	80	- 2	- 2	0.2	- 4.3	4.0	10
	Multan	000	0	0	13	03	96	00	0	966	86	0	0	9	0	0	73	80	+ 3	- 4	0.7	- 2.6	4.1	7
Bahawalpur	Leiah																							8
	Khanpur	000	0	1	20	05	96	01	1	975	85	1	4	8	0	0	76	81	+ 2	- 1	0	- 3.2	1.0	6
	Bahawalpur	000	0	0	20	03	96	00	0	979	86	0	0	9	0	0	79	84	- 1	+ 2	1.0	- 1.2	2.3	6
	Fort Abbas	000	0	0	23	07	95	07	0	982	88	0	0	9	0	0	73	84	—	—				8
Peshawar	Chakdara	000	0	4	××	××	97	01	1	950	82	4	0	7	7	0	71	61	—	—	1.9	—	16.7	..
	Peshawar	000	0	6	31	03	96	02	0	959	84	3	9	7	3	0	74	83	+ 3	+ 4	1.5	- 0.9	12.6	14
	Haripur	003	9	8	05	02	96	17	5	966	79	8	3	6	×	×	74	78	—	—	2.7	—	16.8	..
	Campbellpur	040	3	8	13	02	96	02	6	982	79	6	4	6	5	×	77	79	—	—	2.5		17.9	..
D.I. Khan	Bannu	000	2	6	13	02	99	03	2	961	88	0	0	9	0	3	77	85	—	—	1.5	—	8.6	11
	D.I. Khan	000	0	0	05	02	98	00	0	949	89	0	0	9	0	0	79	82	+ 4	0	2.0	- 1.5	7.6	10
Quetta	Sibi	000	0	0	18	01	99	00	0	962	89	0	0	9	0	0	××	89	—	—	1.1	—	6.2	3
Kalat	Nokkundi	000	0	0	07	02	99	02	0	954	87	0	0	9	0	0	25	81	—	—	0	—	1.9	2
	Turbat	000	0	0	23	03	98	02	0	007	83	0	0	9	0	0	74	83	—	—	2.5	—	5.9	..
	Jiwani	000	0	6	13	05	98	02	2	003	81	6	6	5	0	0	74	80	—	—	0	—	3.1	4
	Pasni	000	0	6	00	00	94	05	0	012	80	6	5	7	0	0	76	77	+ 1	0	0	- 0.8	6.2	6
	Ormara	000	0	8	00	00	98	03	1	019	82	0	0	9	0	0	79	79	—	—	0	- 0.7	3.8	6
	Las Bela	000	0	0	00	00	98	00	0	996	84	0	0	9	0	0	75	79	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	27	05	96	02	2	996	84	5	0	9	5	0	78	80	+ 5	+ 1	0.5	- 3.9	0.9	8
	Karachi (Air port)	000	0	2	27	09	96	01	1	997	82	2	6	5	0	0	75	80	—	—	0.7	—	1.1	..
	Badin	000	0	0	23	02	96	00	0	999	84	0	0	9	0	0	74	××	+ 12	×	0	- 4.3	0	9
	Nagarparker																							..
	Umarkot	000	0	0	23	03	97	00	0	975	85	0	0	9	0	0	76	80	—	—	2.8	—	2.8	..
	Hyderabad	000	0	0	23	14	95	07	0	981	83	0	0	9	0	0	71	80	+ 2	+ 1	0.2	- 3.9	2.0	7
Khairpur	Pad-i-dan	030	0	0	13	06	98	02	0	962	84	0	0	9	0	0	71	79	—	—	0	—	1.2	..
	Nawabshah																							..
	Sukkur	000	4	3	16	02	96	03	0	963	82	0	0	9	0	3	74	80	—	—	0.1	—	2.9	4
	Kashmore	000	0	0	18	01	99	00	0	963	89	0	0	9	0	0	71	82	—	—	—	—	—	..
	Jacobabad	000	0	0	13	02	96	02	0	970	85	0	0	9	0	0	73	82	- 3	- 1	0	- 1.7	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	6	6	05	02	96	03	1	963	90	6	0	9	2	0	85	××	+ 7	×	0	- 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							..
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																		—	—				..
	Aliabad *																							..
	Gilgit *																							5
Rawalpindi	Murree *	018	9	9	18	03	90	61	4	422	63	9	×	9	×	×	63	62	0	+ 5	13.5	+ 6.7	47.2	59
Peshawar	Drosh *	000	0	2	00	00	96	03	0	403	82	2	2	7	0	0	58	76	+ 5	+ 3	0.9	—	23.0	18
	Cherat *	000	3	5	18	02	95	01	4	417	22	5	0	9	6	0	71	70	—	—	3.2	- 2.9	23.9	29
	Kakul *	005	4	8	00	00	96	02	6	417	74	8	9	6	×	×	68	73	—	—	6.1	—	33.7	..
	Landi Kotal *	000	0	0	02	03	95	05	4	407	80	0	0	9	0	0	73	76	—	—	0.7	—	15.0	..
	Parachinar *	000	0	0	00	00	99	00	0	794	73	0	0	9	0	0	65	××	—	—	5.2	—	24.3	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	445	84	0	0	9	0	0	81	81	—	—	2.5	- 0.8	14.7	13
	Wana *	000	0	0	00	00	96	00	0	419	82	0	0	9	0	0	64	73	—	—				..
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	415	81	0	0	9	0	0	64	72	+ 5	- 2	2.0	- 1.3	12.5	11
	Hindubagh *	000	0	0	27	02	98	00	0	414	78	0	0	9	0	0	37	71	—	—	0	—	12.3	..
	Loralai *	000	0	0	27	02	98	00	0	445	71	0	0	9	0	0	54	65	—	—	1.7	—	10.6	..
	Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	1.6	- 3.1	13.9	14
	Quetta *	000	0	0	00	00	96	00	0	403	72	0	0	9	0	0	65	66	—	—	0	- 0.9	9.5	9
Kalat	Chaman *	000	0	0	20	02	97	00	0	408	83	0	0	9	0	0	63	74	+ 2	- 1	0	- 0.1	10.2	8
	Kalat *	000	0	0	13	05	98	00	0	427	77	0	0	9	0	0	40	77	+ 3	+ 4	0	- 0.9	8.4	7
	Nushki *	000	0	0	05	10	97	00	0	486	81	0	0	9	0	0	55	81	—	—	0	—	8.0	..
	Dalbandin *	000	0	0	00	00	96	02	0	397	77	0	0	9	0	0	33	77	- 1	- 4	0	- 0.3	4.4	4
	Panjgur *	000	0	0	23	03	98	00	0	423	79	0	0	9	0	0	60	72	+ 2	- 3	0	—	4.2	5
Afghanistan	Kabul *	000	0	0	13	02	99	00	0	485	67	0	0	9	0	0	60	52	—	—	—	—	—	12
	Kandahar *																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 8th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$I_d w_d w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alasyrada	43 183	695 00	8 27 24	98 00 1	041 81	xxxxx	7 3 801	..	0 51 76	1 27 67
Cercal	43 241	585 00	0 00 00	98 00 0	978 90	00 9 00	3 5 905	..	0 52 81	1 09 xx
Sirrank	43 205	689 00	7 25 19	97 25 2	058 82	75 6 00	3 4 503	..	0 01 77	1 23 66
Alasyrada	43 193	695 06	5 21 18	99 03 6	052 82	52 4 00	7 3 603	..	0 02 75	1 23 94
Cercal	43 230	594 06	0 15 05	98 00 0	984 91	00 9 00	3 5 112	..	0 04 82	1 15 xx
Cercal	43 221	599 12	0 20 15	97 00 0	968 77	00 9 00	4 4 508	..	0 02 73	1 18 35
Udomaru	43 161	697 12	8 29 27	97 03 2	040 81	87 6 xx	7 6 720	..	0 02 xx	.. ..
Caltex	43 186	575 18	0 22 20	97 02 0	014 73	00 9 00		..	0 96 70	1 22 44
Udomaru	43 170	685 18	8 29 27	97 01 2	090 81	77 5 22	7 6 110	..	0 02 xx	.. ..
Alasyrada	43 209	687 18	4 27 24	98 03 1	033 82	49 4 00	7 3 603	..	0 00 75	1 27 75

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT T_dT_d	1000 mb HHH TTT T_dT_d	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb HHHTTT	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	996 278 272	..	..	430 198 198	..	103 148 008	380 032 582	828 582 685	551 635 725	968 800	243 022	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	827 212 135	..	..	..	..	139 205 032	455 138 005	973 068 552	790 015 999	008 535	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 195 155	859 178 115	829 222 072	800 218 062	470 575 692	350 695 999	250 905 999	194 035 999	..	194 035 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 215 135	750 212 082	412 022 999	364 000 999	350 505 999	..	..	..	..	350 505 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd ; Dry Bulb ; Dew Point temperatures (in tenths of °C.)
So-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	09 18	10 13	..	..		..	..	..	..
Chaklala ..							..	..	..
Chhor ..	23 25	23 20	23 17	23 15		..	..	..	..
Chittagong ..	18 19	17 27	17 27	16 30	16 31	..	..	..	..
Cox's Bazar ..	14 17	15 21	17 23	16 19		..	..	..	..
Dacca ..	16 19	16 21	16 18	17 15	17 19	17 17			
Dalbandin ..	..	..	22 03	22 08	25 14	27 07	27 07	13 03	14 12
D. I. Khan ..	..	..							
Drosh ..	..	..	..	23 11	23 18	21 10	19 09	12 04	03 04
Fort Sandeman ..									
Jacobabad ..	15 01	15 13	15 10	15 08	20 08	29 09	31 08	02 03	02 09
Jessore ..									
Jiaium ..	14 10	13 15	12 12	16 05	31 02	32 10	35 16	35 15	36 18
Jiwani ..	15 07	16 09		..	..	..	..	..	..
Karachi ..	25 17	26 17							
Khanpur ..	21 06	18 06	18 06	18 06	19 04	24 04	01 06	03 15	03 27
Lahore ..	14 20	16 07	17 07	22 07	30 07	31 12	35 20	..	..
Multan ..	19 04	15 08	16 08	17 06	21 04	26 11	31 12	02 15	02 14
Muscat ..	..		..	..	..	..	..	..	..
Panjgur ..									
Peshawar ..	..	04 18	06 19	07 08	13 03	19 09	26 12	31 14	30 20
Quetta ..	..			..	30 03	24 03	02 04	36 12	36 07
Sharjah ..									
Sylhet ..	27 02	20 05	21 05	19 11	17 09	19 11	20 14	20 11	..
Veraval ..	..	..	..	..		..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	13 15	..	..	..	..	..
Chaklala ..						
Chhor ..	23 25	24 28	24 27			
Chittagong ..	14 19	14 27	15 27	15 28	15 25	15 20
Cox's Bazar ..	15 21	16 25	15 22	16 24	16 24	
Dacca ..	13 14	13 21	14 20	14 15	14 21	13 16
Dalbandin ..	..	..	22 01	21 10	23 09	20 08
D. I. Khan ..						
Drosh ..	..	..	..	..	22 08	23 04
Fort Sandeman ..						
Jacobabad ..	19 15	22 11	24 06	36 06	29 08	25 09
Jessore ..						
Jiaium ..	No	ascent				
Jiwani ..	13 08	13 09				
Karachi ..	27 19	26 29	26 25	29 21	28 21	
Khanpur ..	20 24	21 22	22 16	18 01	27 04	30 11
Lahore ..	08 17	12 32	12 24	20 13	24 08	27 06
Multan ..	21 15	22 27	22 23	21 09	29 08	32 06
Muscat ..	..	..	..			
Panjgur ..						
Peshawar ..	..	..	..	..		
Quetta ..	..	..	..	..	19 07	26 12
Sharjah ..						
Sylhet ..	07 13	06 06	13 03	19 11	19 08	..
Veraval ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	11 07	12 17	12 14	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..					..	..	..	..	..	..	..
Chittagong ..	13 10	13 17	14 24	15 27	..	..	..	..	..	..	..
Cox's Bazar ..	14 20	14 26	15 25	15 13	..	..	..	..	..	..	..
Dacca ..	13 18	13 16	13 24								
Dalbandin ..	..	..	25 07	27 17	28 19	28 19	19 20	19 10	19 05	04 06	28 09
D. I. Khan ..											
Drosh ..	..	..	..	..	23 11	22 09	21 08	24 04	32 04	05 07	06 06
Fort Sandeman ..											
Jacobabad ..	15 10	13 08	07 04	01 03	31 08	36 12	06 07	09 09	05 11	04 13	03 09
Jessore ..											
Jiaium ..	No	ascent									
Jiwani ..	11 10										
Karachi ..	25 26	25 19	25 23	25 29							
Khanpur ..	19 07	18 10	18 10	13 10	08 07	32 05	34 09	04 14	05 11	..	..
Lahore ..	08 13	10 19	08 13	09 08	05 09	29 11					
Multan ..	20 07	19 07	18 06	16 03	14 02	32 07	02 12	36 07	02 07	..	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..											
Peshawar ..	..	35 06	02 05	14 08	19 10	22 05	34 07				
Quetta ..	..	..	..	..	29 06	31 07	18 10	09 06	04 06	35 13	30 09
Sharjah ..											
Sylhet ..	21 03	23 03	26 04	12 08	14 12	13 13	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 27	26 19	27 21	26 21	26 15	10 12	04 20	05 51	10 21	03 13	04 11	04 11	08 13	10 13				
Peshawar ..																		
Quetta ..																		

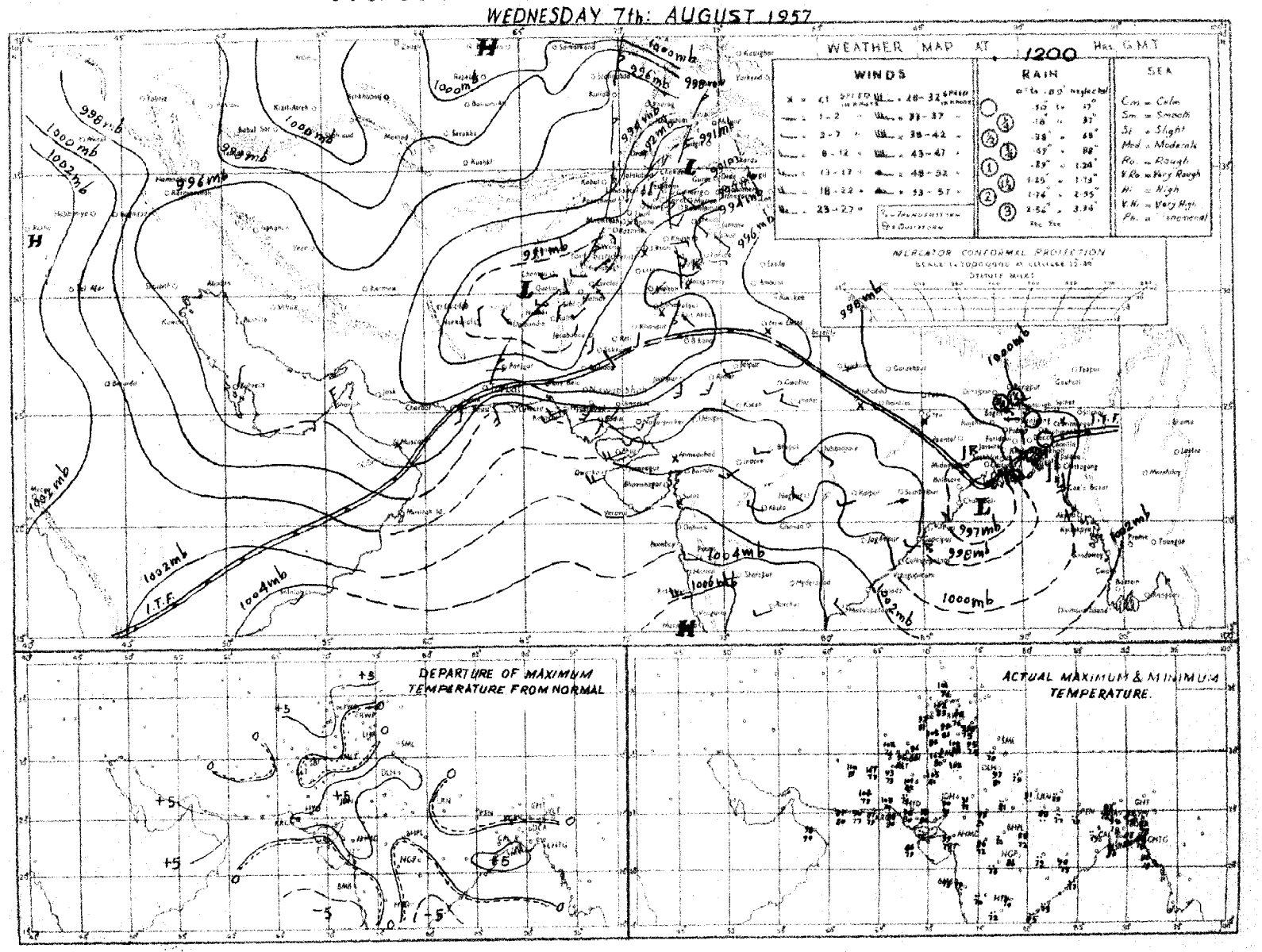
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_tv_t$ etc)

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.

PAKISTAN DAILY WEATHER MAP

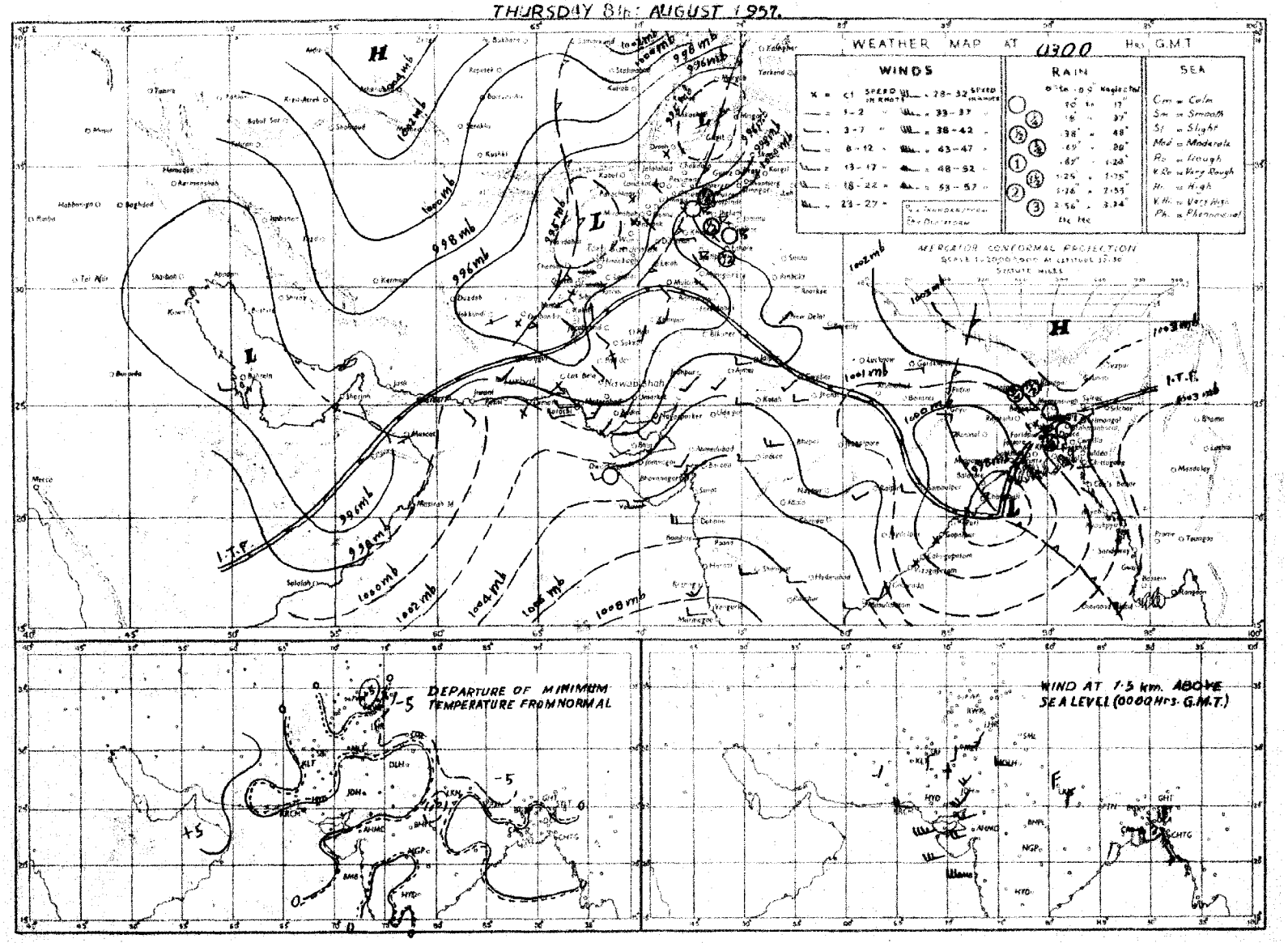
WEDNESDAY 7th: AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 8th AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

FRIDAY, THE 9th AUGUST, 1957.

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

Yesterday's unsettled conditions over head Bay of Bengal concentrated into a shallow depression last evening centred at 08,1200 GMT within one degree of latitude 21° N and longitude 88°E. Latest observations from north-east India are lacking but believe shallow depression moved inland, weakened and now lies as a low over Orissa.

Fairly widespread rain has fallen in Chittagong division and scattered in Rajshahi division.

Yesterday's low pressure wave is now moving across the extreme north of West Pakistan.

Rain/thundershowers have been fairly widespread in Lahore and Rawalpindi divisions and scattered in D. I. Khan division. Scattered thunderstorms have also been reported from Multan and Quetta divisions.

Chief amounts of rainfall are:—Sylhet, Jhelum and Rawalpindi 1" each; Parachinar ¾" and Murree ½".

Day temperatures were 10-15°F below normal in Rawalpindi, Lahore and Multan divisions.

Forecast valid until the evening of 10th :—Local rain will fall in East Pakistan. Rain/thundershowers will be local in Peshawar, Rawalpindi and Lahore divisions and in Kashmir and be scattered in D. I. Khan and Multan divisions.

Karachi-11.
The 9th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS.	STATION	Rainfall in Cents RRR	Past weather commenced at † Wx	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature* °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F. TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	016	5	7	13	07	95	21	6	002	81	7	4	6	1	0	77	88
	Chittagong	004	4	7	10	13	96	03	6	002	83	6	6	5	2	0	76	89
	Maijdee Court	000	9	4	13	05	97	02	1	003	85	0	0	9	2	1	78	87
	Comilla	000	0	8	18	05	99	02	0	001	87	8	4	5	×	×	77	90
	Brahmanbaria	000	0	4	18	02	97	03	2	997	87	4	5	3	0	0	79	91
	Sylhet	000	0	7	00	00	96	02	2	991	85	1	2	6	0	7	78	91
	Srimangal	000	0	6	00	00	97	02	1	992	88	4	8	6	0	2	80	93
Dacca	Mymensingh	000	0	6	00	00	98	02	1	995	88	2	2	4	0	4	77	90
	Narayanganj	000	9	7	10	35	94	03	2	994	87	4	7	4	0	8	77	91
	Dacca (Tejgaon)	000	8	6	13	05	96	03	2	987	87	3	8	4	0	1	77	88
	Faridpur	000	8	4	11	14	96	01	2	985	85	2	4	8	1	0	78	87
	Barisal	000	4	6	27	02	96	03	5	987	84	6	0	9	4	2	78	86
Rajshahi	Khulna	000	0	4	13	02	97	01	0	008	88	4	4	7	0	0	79	90
	Satkhira	000	0	6	00	00	96	03	2	985	84	4	5	6	9	0	79	88
	Jessore	000	0	6	18	03	97	02	2	973	86	4	4	6	6	0	81	89
	Sirajganj	000	0	3	00	00	97	00	0	978	85	2	1	7	0	1	77	87
	Bogra	000	0	0	13	02	96	00	1	988	88	0	0	9	0	0	77	89
	Dinajpur	000	0	8	09	02	96	00	1	995	88	0	0	9	0	0	78	90
	Rangpur	000	0	5	09	02	96	03	1	×××	89	4	4	6	1	0	89	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	008	8	2	07	02	96	01	9	985	88	2	9	6	0	0	77	89
	Sialkot	065	9	6	00	00	97	03	6	987	81	2	3	8	4	0	77	82
Rawalpindi	Jhelum	108	3	6	13	02	97	02	9	993	83	1	1	7	7	0	74	84
	Rawalpindi	090	4	6	00	00	98	02	9	005	75	6	5	6	0	0	72	79
	Khushab	000	0	5	07	07	98	03	1	991	85	5	0	9	7	0	73	89
Multan	Lyallpur	000	0	6	07	02	96	02	0	996	91	0	0	9	0	5	73	92
	Montgomery	000	0	3	09	03	96	03	2	967	95	3	3	7	0	0	77	97
	Multan	000	0	1	05	07	96	02	0	951	02	0	0	9	0	0	74	02
Bahawalpur	Lelah																	
	Khanpur	000	0	0	18	02	96	00	0	943	03	0	0	9	0	0	76	03
	Bahawalpur	000	0	0	00	00	97	00	0	955	00	0	0	9	0	0	72	01
	Fort Abbas	000	0	3	23	02	97	03	0	965	01	4	1	6	0	0	68	03
Peshawar	Chakdara	000	0	5	××	××	98	03	2	946	84	5	2	7	0	0	70	90
	Peshawar	000	3	7	13	16	95	17	9	989	89	7	3	6	0	0	70	95
	Risalpur	000	9	8	27	02	97	03	9	967	89	8	0	6	×	×	64	94
	Campbellpur	000	0	8	09	03	98	01	1	991	82	4	5	6	5	×	70	82
D.I. Khan	Bannu	000	1	8	07	02	97	03	6	986	92	8	0	9	7	×	71	95
	D.I. Khan	000	0	0	00	00	98	00	0	915	00	0	0	9	0	0	69	01
Quetta	Sibi	000	0	0	00	00	98	00	0	928	08	0	0	9	0	0	66	08
Kalat	Nokkundi	000	0	0	02	02	99	02	0	892	09	0	0	9	0	0	26	12
	Turbat	000	0	0	16	03	97	00	0	993	01	0	0	9	0	0	30	03
	Jiwani	000	0	0	13	34	96	03	0	992	85	5	6	5	0	0	74	87
	Pasni	000	0	6	17	14	95	07	0	000	87	6	5	7	0	0	74	91
	Ormara	000	0	6	××	××	98	02	1	003	86	6	0	9	4	0	82	87
	Las Bela	000	0	0	13	02	98	00	0	995	94	0	0	9	0	0	76	01
Karachi Federal Area & Hyderabad	Karachi (Manora)																	
	Karachi (Air port)	000	0	4	25	10	96	03	1	986	87	4	4	6	0	0	74	90
	Badin	000	0	0	23	02	97	00	0	991	93	0	0	9	0	0	71	95
	Nagarparker	×××	×	0	27	05	97	20	3	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	03	97	00	0	961	97	0	0	9	0	0	72	98
	Hyderabad	000	0	0	23	14	95	07	0	966	95	0	0	9	0	0	70	98
Khairpur	Pad-i-dan	000	0	0	00	00	98	00	0	937	05	0	0	9	0	0	65	06
	Nawabshah																	
	Sukkur	000	6	0	27	02	96	00	0	937	03	0	0	9	0	0	75	04
	Kashmore	000	0	0	18	00	99	00	0	941	05	0	0	9	0	0	70	09
	Jacobabad	000	0	0	13	09	95	05	0	944	01	0	0	9	0	0	76	01
Junagarh Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat	000	0	3	09	02	97	01	2	954	98	0	0	9	0	2	83	92
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	067	78	0	0	9	0	0	19	82
	Allahabad *																	
	Gilgit *																	
Rawalpindi	Murree *	042	8	6	31	03	97	02	6	429	65	4	3	3	8	0	57	65
Peshawar	Drosh *	000	1	3	23	09	96	03	9	460	94	3	2	7	0	0	37	90
D.I. Khan	Chitral *	000	5	8	18	07	94	42	4	427	70	8	0	9	9	×	69	74
	Kakul *	005	2	8	29	07	95	03	6	433	71	8	8	6	×	×	67	78
	Landi Kotal *	000	0	6	02	03	97	03	4	400	85	6	0	9	1	0	81	89
	Parachinar *	070	2	8	13	02	97	61	0	796	63	8	7	7	×	×	61	××
	Miranshah *	002	2	8	11	02	98	02	5	471	83	4	3	8	4	×	80	94
	Wana *	000	5	6	09	03	98	20	2	419	88	6	3	8	4	0	88	89
Quetta	Fort Sandeman *	000	2	8	23	05	96	60	9	415	79	8	7	6	×	×	64	99
	Hindubagh *	000	0	0	27	02	98	00	0	366	96	0	0	9	0	0	41	98
	Loralai *	000	0	3	18	02	98	02	1	466	92	3	0	9	3	0	50	92
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	29	05	97	02	0	387	96	1	8	6	0	0	64	98
Kalat	Chaman *	000	0	0	20	05	97	00	0	405	00	0	0	9	0	0	79	02
	Kalat *	000	0	0	34	07	98	00	0	372	91	0	0	9	0	0	27	94
	Nushki *	000	0	0	31	09	96	00	0	466	06	0	0	9	0	0	42	07
	Dalbandin *	000	0	0	27	07	96	02	0	397	07	0	0	9	0	0	35	08
Afghan-istan	Panjgur *	000	0	0	31	03	98	00	0	410	02	0	0	9	0	0	59	04
	Kabul *	000	0	3	18	05	98	03	0	427	87	3	2	8	0	0	28	93

At 0300 Hrs. G.M.T. of date

STATION	Rainfall in Cents RRR	Past weather commenced at † Wx	Total cloud amount in tens of degrees N	Wind direction dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature* °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F. TdTd	Minimum temperature °F. TnTn	Departure from Normal of: Maximum Temperature TxTx	Departure from Normal of: Minimum Temperature TnTn	Rainfall: Since 1st June 1957 to date 39	Rainfall: Departure from normal 40	Rainfall: Since 1st January 1957 to date 41	Rainfall: Annual normal 42
Cox's Bazar	016	9	4	16	07	96	01	6	057	84	2	3	8	0	2	74	77	+ 3	+ 1	88.0	+ 13.5	98.9	140
Chittagong	004	0	4	13	13	97	01	1	053	85	2	3	7	1	0	76	77	+ 4	+ 3	50.1	+ 0.2	57.4	108
Maijdee Court	000	9	3	13	05	98	01	1	048	××	0	0	9	2	2	76	87	+ 1	+ 9	38.5	- 13.1	46.7	118
Comilla	000	0	6	18	03	99	03	0	048	85	3	4	5	7	0	75	78	+ 3	+ 1	31.0	- 8.9	42.9	94
Brahmanbaria	016	0	4	18	03	97	03	2	053	86	2	5	5	0	8	77	80	—	—	29.6	- 0.5	47.2	78
Sylhet	115	9	7	00	00	96	02	9	057	83	1	2	6	5	7	78	76	—	—	55.2	—	105.7	..
Srimangal	013	9	3	05	02	97	01	9	059	86	2	1	7	0	1	77	77	+ 3	+ 1	40.3	+ 3.5	66.8	90
Mymensingh	000	3	8	09	02	98	02	5	055	85	8	7	5	×	×	78	79	+ 2	+ 1	38.3	+ 0.5	52.4	91
Narayanganj	000	9	8	13	07	96	03	2	046	86	6	7	4	0	8	76	80	+ 4	+ 1	34.3	+ 5.2	50.5	74
Dacca (Tejgaon)	000	9	7	13	05	97	01	2	042	83	2	5	4	2	1	77	79	—	—	38.0	—	52.9	..
Faridpur	007	9	8	11	08	96	03	6	028	83	8	5	6	0	0	77	79	0	0	32.1	+ 2.8	44.3	71
Barisal	000	4	6	00	00	95	03	5	035	83	7	0	9	6	0	79	80	- 1	+ 2	27.5	- 8.3	44.7	81
Khulna	000	0	8	13	03	97	03	2	033	81	8	5	5	×	×	79	80	+ 3	+ 2	29.3	- 1.4	37.4	68
Satkhira	023	8	0	09	02	96	03	2	023	83	×	×	6	×	×	79	80	0	+ 2	24.8	- 4.1	30.6	65
Jessore	030	8	2	08	12	96	63	2	030	82	8	7	5	×	×	81	79	—	—	32.9	+ 5.0	36.2	65
Sirajganj	041	8	3	08	02	95	02	2	041	83	8	2	5	0	0	77	79	0	0	45.0	+ 1.8	55.9	60
Bogra	039	8	4	13	02	97	02	6	039	83	4	2	6	0	0	83	80	+ 1	+ 1	45.4	+ 15.9	52.7	69
Dinajpur	041	8	4	09	02	96	02	2	041	84	0	0	9	2	0	78	76	+ 2	- 3	32.4	+ 0.1	35.8	72
Rangpur	×××	8	3	05	02	96	02	2	×××	83	6	4	6	×	×	79	80	+ 1	+ 2	38.9	+ 1.5	47.7	84
Jammu																							..
Lahore (Jail Rd.)	008	8	2	13	03	96	01	2	030	85	1	1	7	3	0	76	79	- 9	0	7.9	- 0.7	16.5	19
Sialkot	065	0	0	05	02	98	00	0	026	85	0	0	9	0	0	76	75	- 13	- 4	9.5	- 4.2	32.6	32
Jhelum	108	0	0	31	03	98	02	1	032	83	0	0	9	3	0	75	74	—	—	7.0	—	17.8	..
Rawalpindi	000	3	0	00	00	99	01	9	000	80	3	0	9	3	0	72	69	- 16	- 7	7.7	- 5.4	23.7	36
Khushab	031	7	0	09	02	98	02	1	031	85	7	0	9	7	0	71	78	- 11	- 4	5.3	- 1.2	14.0	15
Lyallpur	031	8	4	0	0	9	0	0	78	80	+ 2	- 1	4.8	- 0.3	10.9	12							
Montgomery	004	8	3	5	7	0	0	0	70	79	- 4	- 3	0.2	- 4.8	4.0	10							
Multan	005	8	7	0	0	9	0	0	74	80	+ 3	- 4	0.7	- 2.5	4.1	7							
Lelah																							..
Khanpur	020	86	0	0	9	0	0	0	75	83	0	+ 1	0	- 3.4	1.0	5							
Bahawalpur	028	××	0	0	9	0	0	0	76	83	0	+ 1	1.0	- 2.2	2.3	6							
Fort Abbas	028	92	0	0	9	0	0	0	72	85	—	—	—	—	—	2							
Chakdara	025	74	0	×	7	6	×	68	58	—	—	1.9	—	16.7	..								
Peshawar	030	81	7	0	9	7	0	0	69	74	- 4	- 3	1.5	- 1.0	12.6	14							
Risalpur	023	80	7	0	9	7	0	0	69	77	—	—	2.7	—	16.8	..							
Campbellpur	038	80	6	4	6	5	0	0	73	78	—	—	2.5	—	17.9	..							
Bannu	029	83	8	0	9	9	0	0	75	80	—	—	1.5	—	8.5	11							
D.I. Khan	003	83	5	5	8	0	0	0	76	80	0	- 2	2.0	- 1.5	7.6	10							
Sibi	009	91	0	0	9	3	0	0	63	91	—	—	1.1	—	6.2	5							
Nokkundi	975	91	0	0	9	0	0	0	50	82	—	—	0	—	1.9	2							
Turbat	070	82	0	0	9	0	0	0	73	82	—	—	2.5	—	5.9	..							
Jiwani	072	81	7	5	4	0	0	0	72	79	—	—	0	—	3.1	4							
Pasni	046	81	7	0	9	2	0	0	80	79	+ 2	—	0	- 0.7	3.8	6							
Ormara	031	83	0	0	9	0	0	0	75	78	—	—	1.5	—	2.6	9							
Las Bela																							
Karachi (Manora)	000	0	4	27	05	96	03	1	024	82	0	0	9	5	0	78	80	—	+ 1	0.5	- 4.0	0.9	8
Karachi (Air port)	000	0	6	27	09	96	03	2	030	82	6	0	9	0	0	73	79	—	—	0.7	—	1.1	..
Badin	000	0	0	23	02	97	00	0	030	83	0	0	9	0	0	74	××	+ 3	×	0	- 4.5	0.1	4
Nagarparker	×××	××	0	0	9	0	0	0	××	××	0	0	9	0	0	××	××	—	—	—	—	—	..
Umarkot	005	83	0	0	9	0	0	0	75	78	—	—	2.8	—	2.8	..							
Hyderabad	011	83	0	0	9	0	0	0	71	79	+ 2	0	0.2	- 3.9	2.0	7							
Pad-i-dan	006	85	0	0	9	0	0	0	73	80	—	—	0	—	1.2	..							
Nawabshah																							..
Sukkur	012	82	0	0	9	0	0	0	75	80	—	—	0.1	—	2.9	4							
Kashmore	020	89	3	1	7	0	0	0	51	88	—	—	—	—	—	..							
Jacobabad	011	85	0	0	9	0	0	0	74	83	- 3	0	0	- 1.7	3.5	4							
Veraval																							20
Jalalabad																							..
Muscat	000	0	2	09	02	94	02	1	996	88	0	0	8	0	2	84	87	+ 1	+ 2	0	- 0.1	6.9	4
Kuwait																							..
HILL STATIONS																							26
Srinagar *																							71
Gulmarg **																							26
Sonamarg **																							3
Dras **																							6
Leh **																							..
Skardu *																							..
Misgar **	000	0	0	00	00	98	00	0	030	65	0	0	9	0	0	29	54	—	—	—	—	—	..
Allahabad *																							5
Gilgit *																							71
Murree *	465	78	7	0	9	7	0	0	58	73	+ 4	0	0.9	—	23.9	29							
Drosh *	466	77	7	0	9	7	0	0	63	63	—	—	3.2	- 3.0	33.7	..							
Chitral *	469	73	3	8	7	7	2	0	67	67	—	—	6.2	—	15.0	..							
Kakul *	458	76	2	0	9	5	0	0	67	71	—	—	0.7	—	25.0	29							
Landi Kotal *	798	66	0	0	9	0	0	0	59	—	—	—	5.9	—	1.5	19							
Parachinar *	491	79	0	0	8	6	0	0	75	77	—	—	2.5	- 0.8									
Miranshah *	456	78	0	0	9	0	0	0	66	69	+ 4	- 5	2.0	- 1.4	12.5	11							
Wana *	458	73	0	0	9	0	0	0	52	64	—	—	0	—	12.3	..							
Fort Sandeman *	437	70	0	0	9	0	0	0	60	64	—	—	1.7	—	10.6	..							
Hindubagh *	×××	××	0	0	9	0	0	0	××	××	—	—	1.6	- 3.2	13.9	14							
Loralai *	436	75	0	0	9	0	0	0	66	68	—	—	0	- 0.9	9.5	9							
Harnai *	441	80	0	0	9	0	0	0	73	75	+ 2	0	0	- 0.1	10.2	8							
Quetta *	447	75	0	0	9	0	0	0	54	60	+ 4	+ 1	0	- 1.0	8.4	9							
Chaman *	492	88	0	0	9	0	0	0	64	84	—	—	0	—	8.0	..							
Kalat *	430	87	0	0	9	0	0	0	36	76	0	+ 3	0	- 0.3	4.4	4							
Nushki *	441	78	0	0	9	0	0	0	66	71	+ 2	- 4	0	—	4.2	5							
Dalbandin *	514	70	7	4	5	0	0	0	66	64	—	—	—	—	—	12							
Panjgur *																							
Kabul *																							
Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 9th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh\,C_MC_H$	D_sV_s a PP	8 N_s C h_sh_s	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alnuyrada	53 214	681 00	7 27 24	96 03 2	002 82	00 9 60	7 3 605	..	0 00 75	1 27 65
Udomaru	53 178	673 00	7 29 27	97 02 2	025 79	54 5 20	7 6 715	..	0 00 ××	..
Darésa	53 248	649 06	7 24 13	98 02 2	004 82	73 6 00	6 5 301	..	0 01 81	1 24 ×4
Alnuyrada	53 226	679 06	8 21 24	98 02 2	021 83	88 5 ××	7 3 603	..	0 06 76	1 23 17
Udomaru	53 189	658 06	7 29 27	97 02 2	030 81	64 5 20	7 6 400	..	0 02 ××	..
Alnuyrada	53 232	672 12	3 24 18	99 01 0	087 83	22 4 10	7 3 606	..	0 01 76	1 24 4
Jal Rajendra	53 233	681 12	0 23 19	97 01 0	987 81	00 9 00		..	..	..
Udomaru	53 192	652 12	7 36 27	97 02 2	007 82	65 5 21	7 6 713	..	0 04 ××	..
Esculfendra	53 224	599 12	0 20 25	96 02 0	975 75	00 9 00	8 5 720	..	0 04 70	1 20 44
Udomaru	53 205	637 18	7 26 27	96 02 2	007 82	64 5 22	7 6 400	..	0 04 ××	..
Jal Rajendra	53 248	672 18	8 27 10	98 01 1	044 82	16 6 6×	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	999 288 272	..	..	420 225 202	..	088 132 032	360 032 618	801 602 682	509 632 742	964 772	242 995	..	990 002
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	826 200 170	Missing											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE: Sc. HHHH TT	Sc. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 192 172	876 172 162	644 222 202	500 195 062	350 695 999	250 895 999	150 168 999	097 220 999	067 198 999	047 112 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Missing											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb : Dew Point temperatures (in tenths of 9C.
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bagra ..	14 08	14 15	14 17	14 19	14 28	..	..	..	..
Chaklala ..									
Chhor ..	22 23	22 15	22 14	20 13	..	..	..	..	..
Chittagong ..	15 29	15 26	15 46			..	..	..	..
Cox's Bazar ..	15 15	16 30	16 30	..	..				
Dacca ..	15 10	13 16	13 24	15 31	15 29	14 28	13 21	12 13	13 17
Dalbandin ..	..	..	24 05	22 05	24 06	24 11	25 05	19 03	04 04
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	22 12	22 14	20 11	16 06	18 05	18 08
Fort Sandeman ..									
Jacobabad ..	16 07	16 09	15 08	15 05	01 09	35 11	02 13	01 07	04 07
Jacobabad ..									
Jiwani ..	10 03	10 06	11 09	11 13	12 09	11 13	07 05	..	..
Multan ..	16 20	14 11	31 03	..	..	..	..	..	..
Peshawar ..	24 12	25 19	26 18	32 09	34 16	33 12	..	..	..
Karachi ..	12 02	17 03	18 05	14 06	12 03	33 08	03 12	01 13	04 12
Khairpur ..	07 07	07 07	08 08	10 12					
Lahore ..	26 03	17 04	15 07	13 10	19 01	33 09	36 19	01 13	36 10
Multan ..									
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	17 17	13 20	21 11	20 17	..	..	..	..
Quetta ..	..	..	..	..	33 11	27 07	24 11	17 13	26 05
Sharjah ..									
Sylhet ..	32 07	32 06	11 01	17 05	15 08	15 09	14 07	06 04	14 05
Varavel ..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bagra ..	13 15	14 15	13 14	13 15	13 15	
Chaklala ..	..	12 04	12 10	11 08	11 06	12 08
Chhor ..	23 21	23 23	22 22	17 15	20 05	03 03
Chittagong ..	14 25					
Cox's Bazar ..	15 24	16 25	17 20	17 24	..	..
Dacca ..	13 18	14 21	15 20	14 16	15 16	14 16
Dalbandin ..	..	..	26 03	24 09	17 11	13 05
D. I. Khan ..	..	..	..	..	..	..
Drosh ..	..	..		..	22 06	21 06
Fort Sandeman ..				12 03	23 02	24 11
Jacobabad ..	18 17	18 09	08 07	01 06	04 02	03 09
Jacobabad ..						
Jiwani ..	07 04	07 05	09 05	09 03	11 07	11 04
Multan ..	13 08	13 09	..	..	..	..
Peshawar ..	26 26	27 20	28 18	..	..	..
Karachi ..	24 17	23 21	24 21	34 05	16 03	04 06
Khairpur ..	10 08	13 10	13 09	05 02	27 05	..
Lahore ..	07 11	12 04	07 04	28 03	27 04	11 09
Multan ..						
Muscat ..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	13 02	04 04	17 04	12 05	10 08
Quetta ..	..	..	..	..	18 03	31 09
Sharjah ..						
Sylhet ..	09 05	12 04	16 07	19 13	18 14	18 07
Varavel ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bagra ..	13 15	..	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..				..	..	..	..	..	..	..	..
Chittagong ..	15 10	16 14	16 17		..	..	..	..	..	..	..
Cox's Bazar ..	14 18	15 24	15 29	16 34	..	..	..	..	..	..	..
Dacca ..	13 25	13 22	15 23	16 12							
Dalbandin ..	..	..	14 04	16 04	21 03	33 07	33 04	17 12	14 07	11 06	30 05
D. I. Khan ..	..	..	..	..							
Drosh ..	..	..	..	..	25 07	23 08	21 10	19 03	28 02	04 01	..
Fort Sandeman ..				24 10	25 05	30 05	35 19	35 24	35 26	35 29	..
Jacobabad ..	12 08	11 07	11 08	07 09	06 09	05 10	34 12	33 12	33 11		..
Jacobabad ..											
Jiwani ..	17 03	12 01	12 02	08 08	06 11	09 15	14 19	14 17	13 10	..	..
Multan ..	13 16	10 05			..	..	..	..	..	..	..
Peshawar ..	26 12	27 17	27 19	26 22							
Karachi ..	23 06	22 07	21 06	17 04	10 11	10 04	01 19	04 19	05 08	08 04	26 07
Khairpur ..	04 01	11 01	08 03	13 04	27 03	29 06	15 12	15 12	17 07	20 06	24 08
Lahore ..	08 05	08 06	08 06	01 03	01 02	28 06	36 18	01 08	29 03	16 03	23 10
Multan ..											
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	06 06	34 02	15 04	15 08	17 13	..	..	..	..	..
Quetta ..	..	..	..	..	20 05	33 07	23 10	13 09	07 09	03 05	27 14
Sharjah ..											
Sylhet ..	07 02	15 04	10 09	16 10	15 05	..	..	..	..	..	..
Varavel ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	25 17	26 15	26 15	03 15	05 11	04 10	04 22	04 26	05 25	07 18	09 06	23 11	15 17	11 14	12 23	11 23	08 34	10 48
Peshawar ..																		
Quetta ..																		

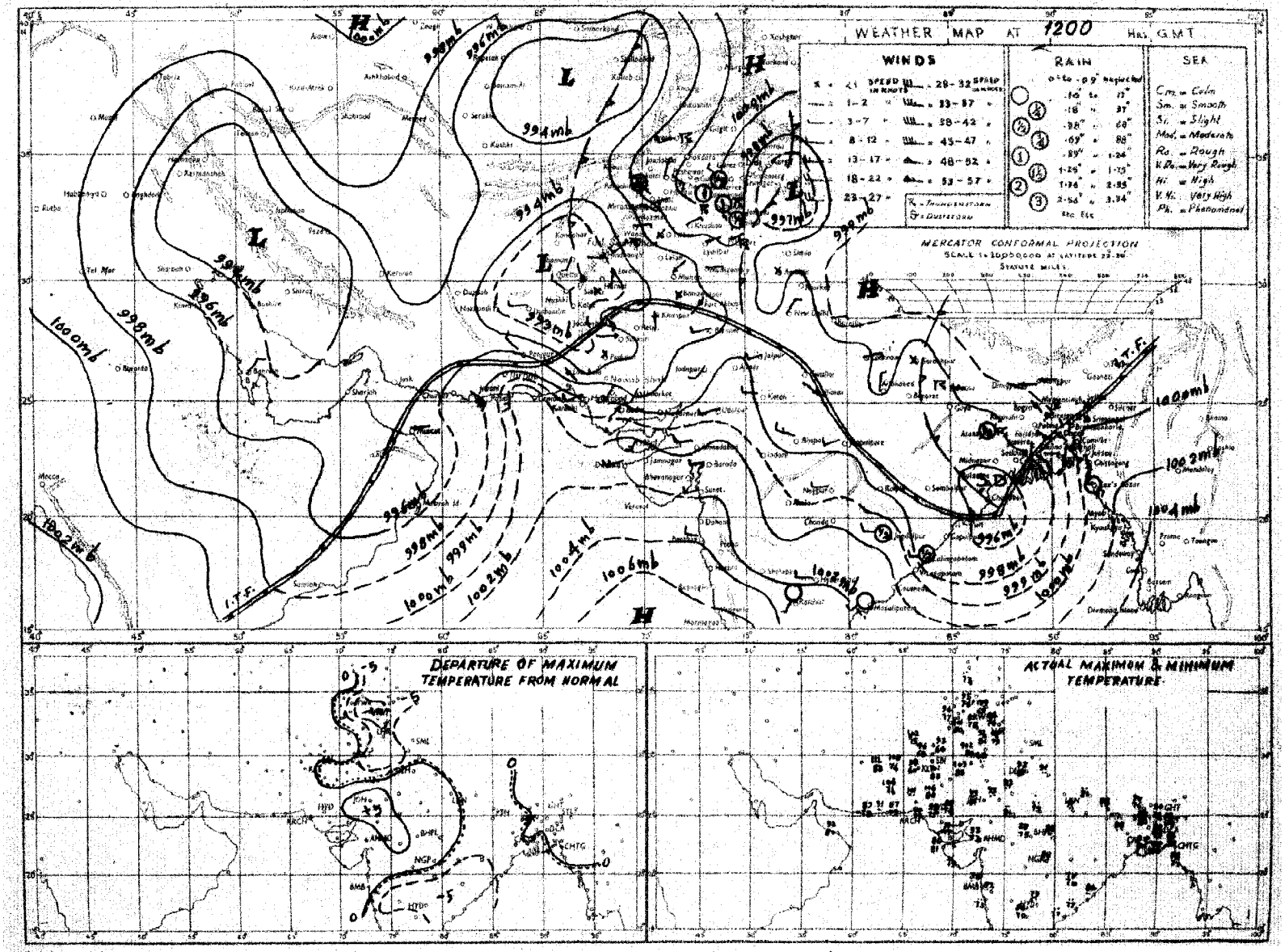
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

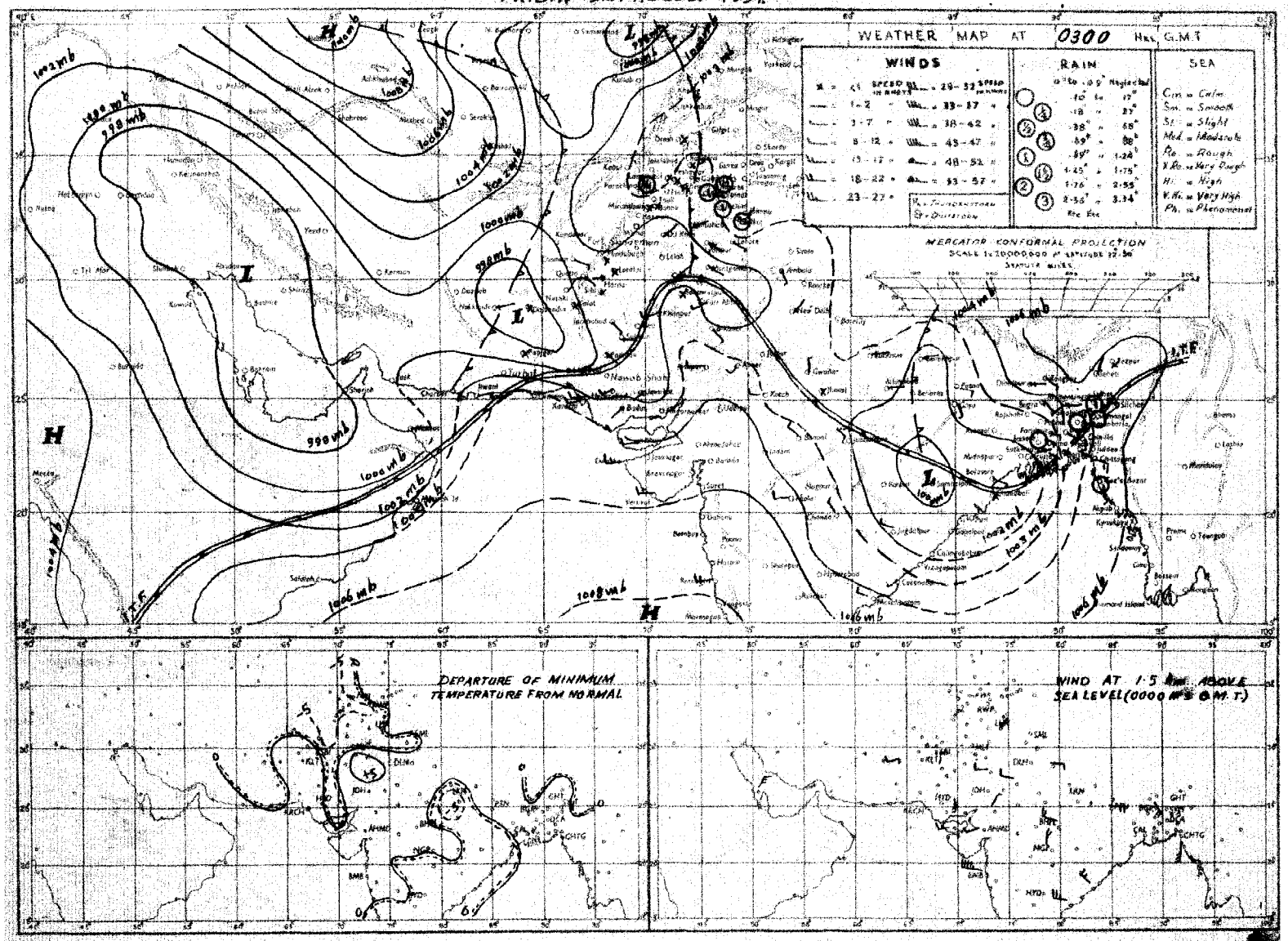
THURSDAY 8th AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 9th: AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SATURDAY, THE 10th AUGUST, 1957.

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

Yesterday's low over Orissa now lies over east Madhya Pradash. It is likely to move westnorth westwards.

Rainfall has been fairly widespread in Dacca and Rajshahi divisions and local in Chittagong division.

The low pressure wave over the extreme north of West Pakistan moved away eastwards after causing isolated thunderstorm in Peshawar division.

Chief amounts of rainfall are:—Maijdee Court and Srimangal 1" each; Barisal ¾"; Sylhet, Khulna and Rangpur ½" each and Narayanganj, Satkhira and Sirajganj ¼" each.

Day temperatures were 4-7°F above normal in Hyderabad division and the Federal Capital Area.

Forecast valid until the evening of 11th :—Local rain will fall in East Pakistan. Scattered thunderstorm/showers are expected in Lahore and Rawalpindi divisions and Kashmir and a few dust/thunderstorms in Peshawar, D. I. Khan, Multan and Bahawalpur divisions and in the eastern districts of Hyderabad division.

Karachi-11.
The 10th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wx	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature* TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature *P. TdTd	Maximum temperature *P. TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wx	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature* TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature *P. TdTd	Minimum temperature *P. TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	4	16	05	96	01	0	051	85	1	3	8	0	1	76	89	000	2	7	11	03	95	60	9	107	83	7	4	7	0	0	77	78	+ 4	+ 2	88.0	+ 12.5	98.9	140
	Chittagong	000	0	5	18	03	96	02	5	035	85	3	5	9	2	0	78	89	000	0	6	18	05	97	03	2	103	85	4	5	6	2	0	76	79	+ 4	+ 3	50.1	- 0.9	57.6	108
	Maijdee Court	000	9	2	00	00	97	02	0	044	85	0	0	9	0	2	77	88	100	6	8	00	00	96	03	6	091	79	4	1	5	2	×	78	77	+ 2	- 1	39.5	- 12.9	47.7	115
	Comilla	000	0	6	18	16	99	01	0	038	87	2	4	5	4	0	75	89	000	1	8	00	00	99	20	5	101	82	8	4	5	×	×	78	78	+ 2	+ 1	31.0	- 9.4	42.9	94
	Brahmanbaria	000	0	4	20	05	97	03	2	943	87	4	5	3	0	0	76	90	000	0	5	13	03	97	03	0	092	88	5	5	3	0	0	77	81	—	—	29.6	- 1.0	47.2	70
	Sylhet	005	3	8	00	00	97	02	6	033	81	6	5	6	2	×	77	89	058	9	8	09	05	96	02	0	096	81	7	5	6	2	×	77	76	—	—	55.8	—	106.3	—
	Srimangal	000	0	7	09	02	97	03	1	039	85	7	8	6	0	0	81	91	102	9	7	05	02	97	02	9	103	84	7	4	6	0	0	78	78	+ 1	+ 2	41.3	+ 4.0	67.8	98
Dacca	Mymensingh	000	0	8	09	02	98	02	2	040	85	8	6	4	×	×	78	89	000	0	8	09	02	98	02	2	101	82	8	4	5	×	×	79	79	+ 1	+ 1	38.3	- 0.1	52.4	91
	Narayanganj	000	9	6	18	05	95	03	2	036	87	4	4	4	0	8	77	89	027	5	8	13	05	95	21	6	097	82	2	5	5	×	×	79	81	+ 2	+ 2	34.6	+ 5.0	50.7	74
	Dacca (Tejgaon)	000	6	6	16	07	98	02	6	028	85	2	1	5	0	2	77	88	001	4	7	13	03	97	61	6	090	81	3	4	4	7	0	80	80	—	—	18.0	—	53.0	—
	Faridpur	013	6	6	11	09	96	02	6	997	83	5	4	7	1	0	79	86	013	9	8	16	02	96	50	0	087	82	8	7	6	×	×	79	78	- 1	- 1	32.3	+ 2.6	44.4	71
	Barisal	060	4	8	20	03	95	03	6	027	86	8	0	9	6	×	77	87	072	0	8	18	02	95	03	6	089	83	8	0	9	6	×	80	79	0	+ 1	28.2	- 8.1	45.4	81
Rajshahi	Khulna	031	6	8	13	07	97	03	6	018	83	8	5	5	×	×	78	90	043	0	7	13	03	97	01	6	086	83	7	4	7	0	0	78	79	+ 3	+ 1	29.8	- 1.4	37.8	48
	Satkhira	033	0	4	18	02	97	01	6	017	84	2	6	7	5	0	80	89	033	0	6	00	00	97	02	6	080	86	4	5	7	9	0	80	80	+ 1	+ 2	25.2	- 4.2	30.9	65
	Jessore	012	8	6	13	05	97	02	6	990	84	4	4	6	6	0	80	89	012	0	8	18	05	97	02	6	083	83	5	8	6	6	×	82	80	—	—	33.0	+ 4.8	36.3	65
	Sirajganj	024	4	6	13	02	97	02	6	023	83	4	4	5	0	1	79	85	024	9	8	13	02	95	02	6	090	84	8	2	6	×	×	78	79	- 2	0	45.2	+ 17.6	56.2	64
	Bogra	000	0	6	13	02	96	02	1	017	85	6	4	6	0	0	78	88	000	0	7	13	02	97	02	1	074	83	6	4	6	3	0	79	82	0	+ 3	45.4	+ 15.6	52.9	69
	Dinajpur	005	1	5	09	02	96	66	1	022	85	5	5	6	0	0	××	91	013	2	7	09	02	96	02	5	079	85	4	4	7	2	0	78	75	+ 3	- 4	32.5	+ 0.1	35.9	72
	Rangpur	000	0	5	09	02	96	03	1	×××	88	5	4	6	0	0	84	88	043	0	8	09	02	96	01	6	×××	84	8	5	6	×	×	80	78	- 1	0	39.3	+ 1.6	48.1	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	8	2	00	00	97	01	1	002	95	1	2	8	3	0	75	95	000	2	5	13	05	96	03	1	057	86	5	2	8	0	0	78	83	- 3	+ 4	7.9	- 0.8	16.5	19
	Sialkot	000	3	2	13	02	98	01	2	000	96	2	0	9	3	2	80	97	000	4	7	13	05	97	03	2	065	85	6	6	5	2	0	80	83	+ 2	+ 4	9.5	- 4.6	32.6	32
Rawalpindi	Jhelum	000	8	1	00	00	97	02	1	001	99	1	2	7	0	0	77	95	000	4	3	13	02	97	02	1	062	89	3	0	9	3	0	78	80	—	—	7.0	—	17.8	—
	Rawalpindi	000	0	0	00	02	99	02	0	985	93	0	0	9	0	0	73	95	000	0	4	00	00	99	01	1	054	88	4	0	9	2	0	75	74	0	- 2	7.7	- 5.7	23.7	34
	Khushab	000	0	2	11	03	97	03	1	002	95	2	0	9	7	0	70	97	000	0	2	07	05	98	03	1	056	88	2	2	6	0	0	75	83	- 3	+ 1	5.3	- 1.3	14.0	45
Multan	Lyallpur	000	0	7	00	00	96	02	0	006	95	7	3	8	0	0	77	98	000	0	6	00	00	96	02	0	056	89	6	3	8	0	0	79	82	×	+ 1	4.8	- 0.4	10.9	12
	Montgomery	000	0	2	00	00	96	01	1	000	95	2	0	9	3	0	74	98	000	0	0	13	02	96	02	0	024	87	0	0	9	0	0	79	81	- 3	- 1	0.2	- 4.7	4.0	10
	Mailsai	000	0	1	13	02	96	01	0	988	02	0	0	9	0	1	81	05	030	0	1	05	02	96	01	0	024	86	0	0	9	0	1	75	83	+ 6	- 1	0.7	- 2.6	4.1	7
Bahawalpur	Leiah																																								
	Khanpur	000	0	0	02	03	96	00	0	984	03	0	0	9	0	0	78	05	000	0	0	20	05	××	00	0	041	90	0	0	9	0	0	74	85	+ 2	+ 3	0	- 3.7	1.0	6
	Bahawalpur	000	0	2	00	00	97	02	0	002	02	2	6	6	0	0	86	03	000	0	2	00	00	7	02	0	03	93	0	0	9	0	2	77	84	+ 2	+ 2	1.0	- 2.3	2.3	6
	Fort Abbas	000	0	5	23	03	97	03	0	999	99	5	1	6	0	0	71	04	000	0	0	05	05			0	039	97	0	0	9	0	0	72	86	—	—	—	—	—	8
Peshawar	Chakdara	000	0	1	××	××	98	01	1	964	92	1	2	7	0	0	73	95	000	0	3	××	××	97	63	0	041	80	3	0	7	3	0	70	60	—	—	1.9	—	16.7	—
	Peshawar	000	0	0	05	05	96	05	0	986	95	0	0	9	0	0	71	96	000	0	0	36	03	96	05	0	043	85	0	0	9	0	0	75	80	- 3	+ 1	1.5	- 1.1	12.6	14
	Haripur	000	9	4	36	02	97	03	2	978	96	4	2	6	0	0	68	98	000	9	3	23	07	97	01	2	036	88	3	0	9	3	0	72	79	—	—	2.7	—	16.8	—
	Campbellpur	000	0	2	31	02	98	03	1	991	98	2	2	6	0	0	71	99	000	0	0	13	03	98	00	0	052	88	0	0	9	0	0	75	80	—	—	2.5	—	17.9	—
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	990	97	0	0	9	0	0	75	97	000	0	0	11	02	99	00	0	042	88	0	0	9	0	0	73	82	—	—	1.5	—	8.6	11
	D.I. Khan	000	0	0	00	00	98	00	0	999	00	0	0	9	0	0	75	01	000	0	0	13	02	97	00	0	039	89	0	0	9	0	0	78	82	0	0	2.0	- 1.6	7.6	18
Quetta	Sibi	000	0	0	23	01	99	00	0	982	09	0	0	9	0	0	67	08	000	0	0	00	00	99	00	0	034	91	0	0	9	0	0	70	91	—	—	1.1	—	6.2	5
	Nokkundi	000	0	0	16	02	98	02	0	988	10	0	0	9	0	0	46	13	000	0	0	02	02	98	02	0	009	91	0	0	9	0	0	57	86	—	—	0	—	1.9	2
	Turbat	000	0	0	13	02	97	00	0	003	01	0	0	9	0	0	81	03	000	0	0	00	00	98	00	0	001	82	0	0	9	0	0	76	82	—	—	2.5	—	5.9	4
Kalat	Jiwani																		000	0	7	13	10	96	03	2	045	81	2	6	5	4	0	72	78	—	—	0	—	3.1	6
	Pasni	000	0	3	23	12	96	02	0	031	98	3	5	7	0	0	77	89	000	0	2	11	03	96	02	0	065	80	2	0	9	4	0	78	78	0	+ 1	—	0	—	6
	Ormara	000	0	0	××	××	98	02	0	028	88	0	0	9	0	0	83	89	000	0	0	00	00	98	00	0	071	82	0	0	9	0	0	79	78	—	—	0	- 0.7	3.8	6
	Las Bela	000	0	0	00	00	99	00	0	995	99	0	0	9	0	0	76	04	000	0	0	00	00	98	00	0	992	83	0	0	9	0	0	74	77	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	27	12	97	02	0	015	89	2	6	4	0	0	78	89	000	0	3	29	05	96	03	0	047	81	3	0	9	1	0	74	78	+ 4	- 1	0.5	- 4.1	0.9	8
	Karachi (Air port)	000	0	3	25	09	96	03	1	013	87	3	6	5	0	0	77	91	000	0	2	31	07	97	01	1	049	83	1	5	6	0	1	74	81	—	—	0.7	—	1.1	—
	Badin	000	0	0	23	02	97	00	0	023	95	0	0	9	0	0	72	99	000	0	0	23	02	96	00	0	057	82	0	0	9	0	0	75	××	+ 7	×	0	- 4.6	0	9
	Nagarparker																																								
	Umerkot	000	0	0	23	01	97	00	0	983	99	0	0	9	0	0	73	00	000	0	0	23	01	97	00	0	029	83	0	0	9	0	0	76	77	—	—	2.8	—	2.8	—
	Hyderabad	000	0	2	23	12	96	01	2	997	96	2	0	9	7	0	71	01	000	0	1	23	05	97	01	1	038	84	0	0	9	0	1	74	79	+ 5	0	0.2	- 4.1	2.0	7
Khairpur	Padidan	000	0	1	05	05	98	03	0	984	03	1	0	9	3	0	64	03	000	0	3	13	05	98	03	0	042	85	0	0	9	0	1	73	80	—	—	0	—	1.2	—
	Nawabshah																		000	0	3	16	03	97	03	0	048	83	0	0	9	0	1	75	79	—	—	—	—	—	—
	Sukkur	000	0	0	11	02	96	00	0	983	99	0	0	9	0	0	71	01	000	0	0	00	00	96	00	0	041	85	0	0	9	0	0	75	81	—	—	0.1	—	2.9	4
	Kashmore																		000	0	0	23	02	99	00	0	042	88	0	0	9	0	0	75	80	—	—	—	—	—	—
	Jacobabad	000	0	0	13	05	97	01	1	992	00	0	0	9	0	0	74	01	000	0	0	00	00	96	02	0	042	87	0	0	9	0	0	79	85	- 3	+ 2	0	- 1.7	3.5	4
Junagarh Afghanistan	Veraval																																								20
	Jalalabad																																								
Arabia	Muscat	000	0	0	09	05	99	00	1	006	87	0	0	9	0	0	81	90	000	0	2	09	02	96	02	0	024	87	0	0	9	0	2	79	86	- 1	+ 1	0	- 0.1	6.9	4
	Kuwait																																								
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								71
	Sonamarg **																																								26
	Dras **																																								3
	Leh **																																								5
	Skardu *																																								
Rawalpindi	Miagar **	000	0	0	00	00	98	00	0	067	78	0	0	9	0	0	29	83																		—	—				5
	Allabad *																																								
	Gilgit *																																								
	Murree *	000	9	8	00	00	98	03	1	458	68	8	9	3	×	×	65	69	000	2	7	00	00	96	02	4	495	64	7	9	3	0	0	63	62	- 3	+ 5	13.9	+ 7.6	47.8	59
	Drosh *	000	1	6	23	09	96	17	9	423	93	6	9	6	0	0	52	98	000	9	3	00	00	96	03	9	483	81	3	0	9	3	0	59	75	+ 2	+ 2	0.9	—	23.0	18
Peshawar	Chitral *	000	5	0	18	05	96	02	0	451	87	0	0	9	0	0	63	87	000	0	0	18	02	96	00	0	488	75	0	0	9	0	0	67	72	—	—	3.2	- 3.2	23.9	29
	Kakul *	000	8	5	25	03	99	09	1	452	84	5	3	8	0	0	68	88	000	9	2	29	02	97	01	1	494	79	2	2	7	0	0	69	73	—	—	6.2	—	33.7	—
	Landi Kotal *	000	0	0	02	02	95	05	4	442	89	0	0	9	0	0	88	91	000	0	1	02	02	96	05	4	479	82	1	1	6	0	0	61	75	—	—	0.7	—	15.0	—
D.I. Khan	Parachinar *	000	0	8	36	02	99	00	0	796	81	0	0	9	0	0	63	××	000	0	0	00	00	99	00	0	795	70	0	0	9	0	0	51	××	—	—	5.9	—	25.0	29
	Miranshah *	000	0	4	00	00	99	02	0	472	84	4	0	9	4	0	81	88	000	0	0	00	00	99	00	0	812	85	0	0	9	0	0	61	79	—	—	2.5	- 0.9	14.8	13
	Wana *	000	9	7	09	02	98	10	2	448	85	7	4	7	0	0	67	89																							
Quetta	Fort Sandeman *	000	7	1	23	02	97	01	0	437	85	1	1	6	0	0	55	99	000	0	4	36	05	96	03	1	487	86	6	0	9	2	0	67	69	+ 4	- 5	2.0	- 1.5	12.5	11
	Hindubagh *	000	0	4	00	00	98	03	0	413	83	4	2	7	0	0	38	97	000	0	0	00	00	98	00	0	483	75	0	0	9	0	0	50	62	—	—	0	—	12.3	—
	Loralai *	000	0	3	13	02	98	02	1	448	89	3	0	9	3	0	59	91	000	0	0	00	00	98	00	0	471	75	0	0	9	0	0	64	66	—	—	1.7	—	10.6	—
	Jiarnal *	000	0	0	09	01	99	00	0	×××	××	0	0	9	0	0	××	××	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	1.6	- 3.3	13.9	14
	Quetta *	000	0	1	27	12	96	07	4	432	94	1	1	7	0	0	48	97	000	0	0	16	02	96	00	0	467	75	0	0	9	0	0	60	67	—	—	0	- 0.9	9.5	9
	Chaman *	000	0	0	29	05	97	00	0	436	97	0	0	9	0	0	77	01	000	0	0	34	05	97	00	0	407	86	0	0	9	0	0	72	72	+ 1	- 3	0	- 0.1	10.2	8
Kalat	Kalat *	000	0	0	11	07	98	00	0	431	86	0	0	9	0	0	57	93	000	0	0	16	03	98	00	0	481	74	0	0	9	0	0	53	61	+ 3	+ 2	0	- 1.0	8.4	7
	Nushki *	000	0	0	31	09	96	00	0	467	08	0	0	9	0	0	52	08	000	0	0	09	01	97	00	0	501	87	0	0	9	0	0	59	84	—	—	0	—	8.0	—
Afghanistan	Delbandin *	000	7	1	23	05	97	03	0	427	08	1	1	7	0	0	42	10	000	0	0	23	03	95	05	0	454	84	0	0	9	0	0	50	77	+ 2	+ 4	0	- 0.3	4.4	4
	Panjgur *	000	0	6	23	05	98	03	0	445	00	5	0	9	6	0	61	01																		- 1	—				5
	Kabul *	000	0	7	27	05	97	29	4	497	82	7	4	7	0	0	69	89																							12
	Kandahar *																																								

†Given in Code.
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day.
(Whenever 999 is given on RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 10th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O $T_sT_s T_dT_d$	$I_d w_d w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ulomaru	63 214	624 00	8 26 27	96 02 2	000 79	87 4 ××	7 6 400	..	0 00 ××	..
Ethomaru	63 214	623 00	8 22 24	97 03 2	020 77	27 6 9×	3 4 315	..	..	..
Udomaru	63 223	610 06	8 26 27	96 02 2	010 82	77 4 2 2	7 6 400	..	0 02 ××	..
Ethomaru	63 206	629 06	3 23 24	97 02 2	055 77	31 6 00	3 4 325	..	..	..
Daresa	63 249	631 06	3 20 09	97 01 0	031 82	32 7 00	6 5 400	..	0 00 81	1 20 24
Daresa	63 243	605 18	3 20 06	97 01 1	027 79	32 1 00	6 5 201	..	0 53 79	1 20 ××
Dalia	63 214	596 18	7 17 15	97 12 1	062 73	75 3 00	1 6 210	..	0 04 72	1 16 24
Ethomaru	63 193	645 18	5 23 20	97 02 2	065 61	54 5 00	4 4 315	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$									HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Jwani ..														
Karachi ..	00 00	001 282 272	032 278 262	..	430 232 208	..	141 152 095	439 665 012	927 542 588	689 602 645	985 735	270 950	..	703 215
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	899 200 170	Miss											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached	TROPOPAUSE	
											PPP TTT $T_dT_dT_d$	St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Jwani ..													
Karachi ..	00 00	900 211 195	870 232 208	800 205 172	350 662 999	250 823 999	150 088 999	077 230 999	050 122 999	..	050 122 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Miss											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb : Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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
Bagra ..	14 15	14 27	15 29	14 33		..	..	..	..	12 12	..	..	..	..		11 10	11 19	..	..	..	..	..	..	..	..	..
Chittagong ..																..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	23 09	22 11	18 12	16 06	09 03	02 07	04 11	06 14	07 06	24 13	22 16	19 17	13 16	09 08	..											
Dacca ..	19 13	17 13	16 22	16 30	16 32		..	..	..	15 17	15 24	17 29	17 26	18 18	19 11	14 19	14 10	17 11	..	..	..	..	..	..	..	..
Cox's Bazar ..	17 29	16 30	16 29	17 36	17 26	17 27		..	..	16 17	17 19	17 17	18 15	17 10	19 06	12 10	13 12	16 13	18 14	16 12	..	..	..	..	..	..
Dacca ..	15 17	15 18	15 23	15 32	15 27	15 21	12 10	14 07	12 04	15 12	15 12	16 13	18 09	17 09	17 06	14 10	14 09	17 09	..	..	..	..	..	..	..	..
Dalbandin ..	..	..	22 09	22 08	21 03	34 02	34 11	34 13	34 09	..	..	29 07	23 08	26 13	07 06	..	..	24 04	26 09	26 02	03 05	34 17	34 11	03 06	17 06	26 04
D. I. Khan ..			..	23 13	22 10	21 11	..	..	..	..	..	..	..	23 04	22 07	..	..	..	..	24 08	21 03	20 09	06 07	01 03	34 02	30 04
Drosh ..	..	..	..	01 08	08 05	05 10	31 13	33 14	32 20	..	..	..	03 04	09 03	35 10	..	..	..	26 03	03 03	07 04	32 11	31 11	..	..	..
Fort Sandeman ..	14 21	13 26	11 22	11 18	09 17	01 12	02 27	02 34	04 21	18 15	17 07	13 04	06 07	08 05	08 08	17 04	13 05	12 07	15 08	10 04	04 13	03 17	07 09	12 08	11 04	12 05
Jacobabad ..																										
Jwani ..	19 01	12 04	12 05	08 04	11 12	10 15	12 11	12 09	09 04	07 05	15 05	16 07	14 08	12 09	07 10	11 11	12 12	12 08	11 03	09 09	12 09	..	..	..	..	..
Kalat ..	13 09	12 09	16 09	..	..	..	..	..	..	12 08	07 21	05 06	04 09	03 09	..	12 12	..	..	..	..	..	..	..	..	..	..
Karachi ..	24 19	25 11	34 05	07 04	05 10	04 12	..	..	..	28 16	28 17	26 15	25 12	..	..	26 09	28 11	29 09	04 05	..	..	..	..	..	..	..
Khanpur ..	33 05	21 03	20 04	16 08	16 12	01 11	03 17	02 10	36 06	27 20	28 17	29 13	28 06	19 04	03 17	24 12	25 12	27 06	33 02	32 02	35 04	08 10	..	..	..	..
Lahore ..	03 03	06 03	14 02	21 08	22 04	23 03	16 09	18 03	23 03	14 10	14 12	14 11	14 06	22 07	24 05	15 10	15 13	15 13	15 12	11 11	11 06	18 12	20 08	23 08	23 08	23 15
Multan ..	35 04	05 03	08 05	08 07	30 04	34 11	35 16	36 17	03 07	16 12	15 11	14 05	02 05	27 07	01 11	10 04	10 06	08 03	06 09	03 07	02 06	..	..	..	..	..
Murgai ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshgur ..	..	..	..	..	34 07	02 06	28 07	25 06	36 01	..	..	..	..	05 02	08 03	..	04 06	04 06	36 03	20 07	17 11	25 03	32 05	35 06	03 12	30 10
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20 05	34 05	33 20	31 10	21 07	15 10	19 04
Quetta ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sharjah ..	22 04	22 06	22 08	20 09	18 14	..	..	..	..	03 10	27 04	22 06	21 06	21 10	..	08 08	13 05	16 07	..	..	..	..	..	..	..	..
Sylhet ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Varavel ..																										

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 17	27 12	25 07	34 08	04 17	05 18	05 29	06 31	04 26	08 15	09 19	08 15	08 17	09 25	10 29	10 31	09 32	08 40
Peshawar ..																		
Quetta ..																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

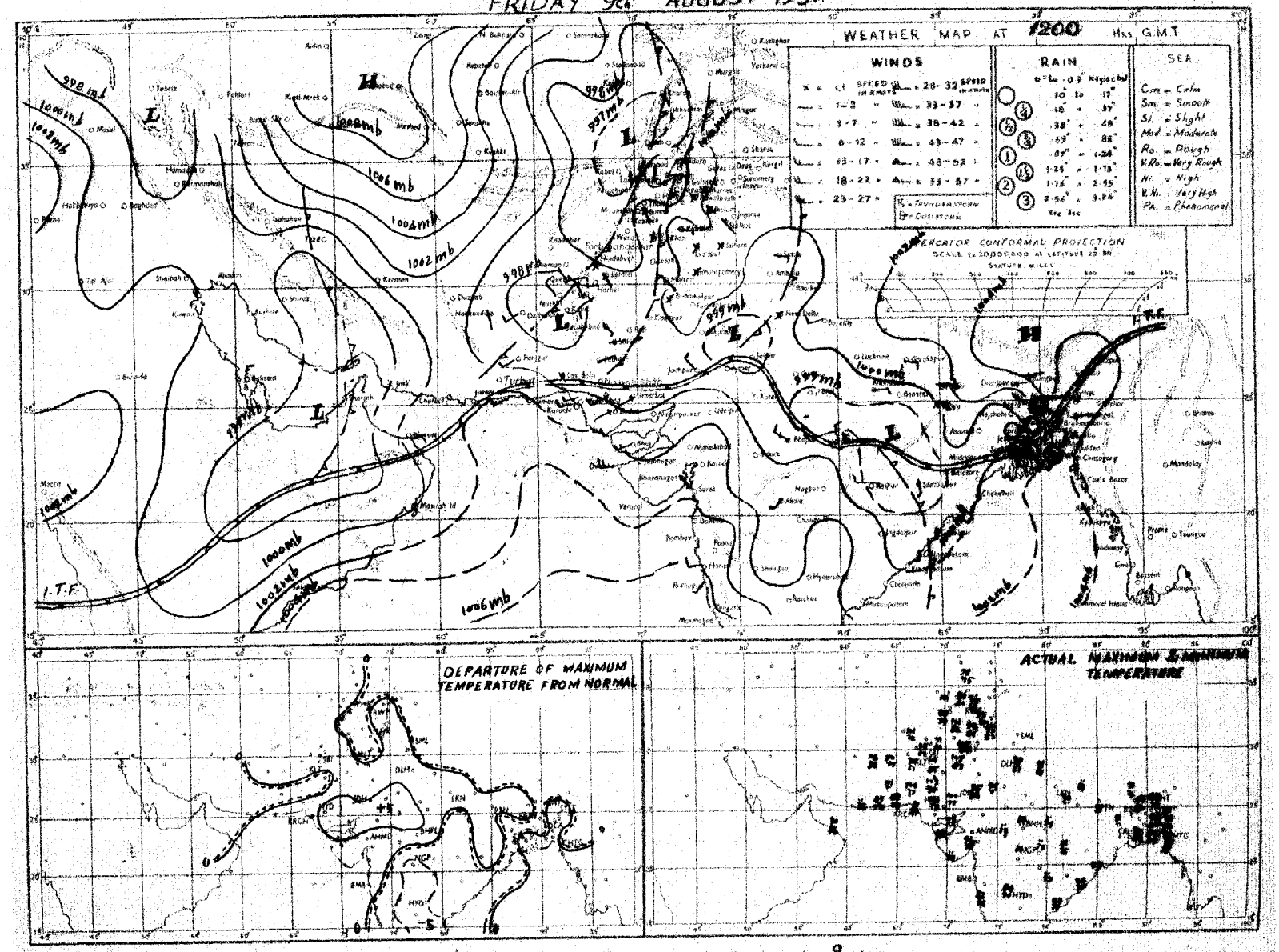
Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

12917 00605

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.

PAKISTAN DAILY WEATHER MAP

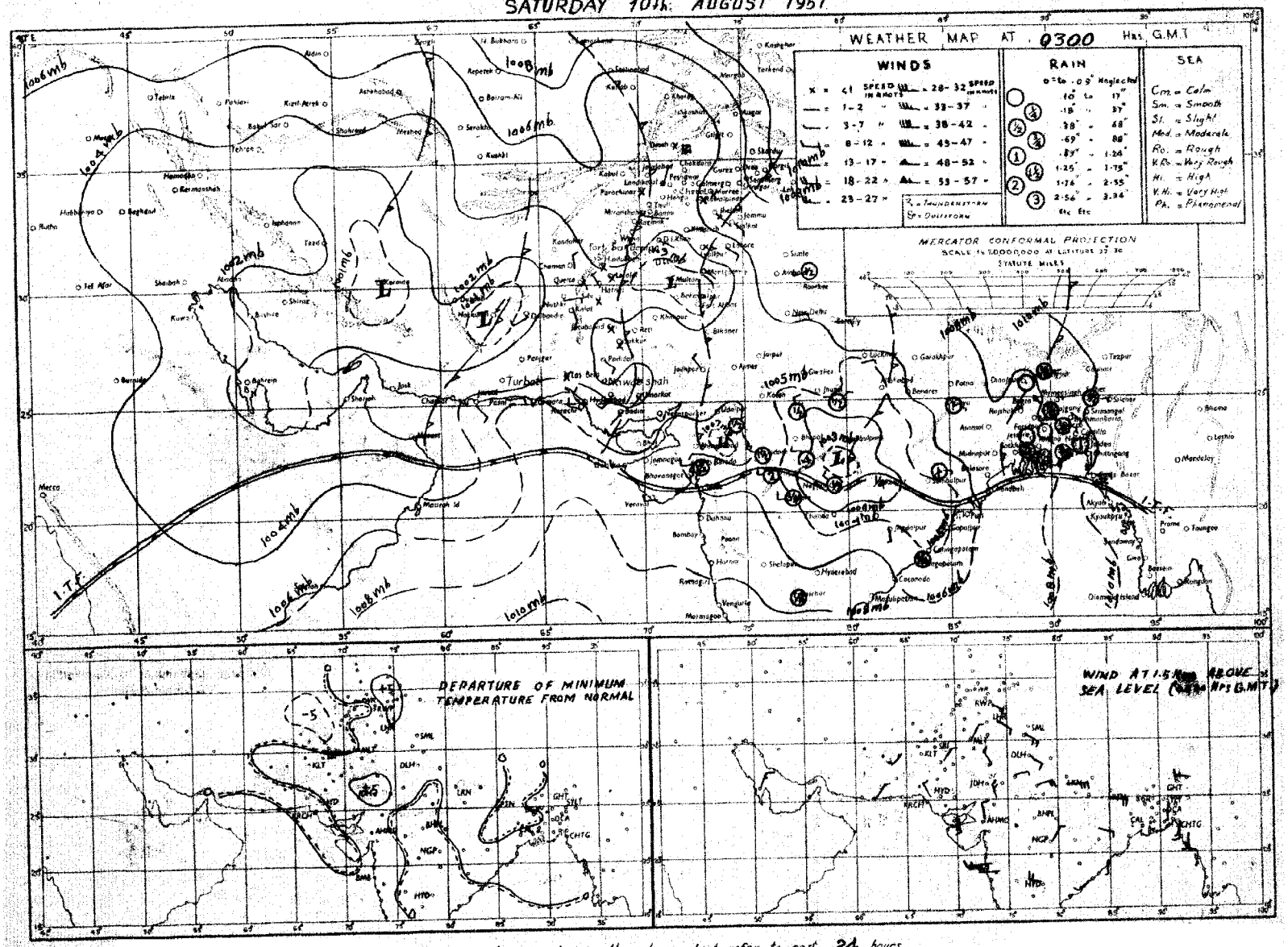
FRIDAY 9th AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 10th AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SUNDAY, THE 11th AUGUST, 1957.

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

Yesterday's low now lies as a trough over Madhiya Pradesh and adjoining areas.

Local rain with scattered thunderstorms have occurred in East Pakistan.

A fresh low pressure wave is moving across the extreme north of West Pakistan and has caused local thunderstorm/showers in Peshawar division and scattered in Lahore, Rawalpindi and Bahawalpur divisions.

Chief amounts of rainfall are:—Faridpur and Dinajpur 1¼" each; Khulna, Rangpur, Murree and Fort Abbas ¾" each; Brahmanbaria ⅛" and Srimangal ¼".

Day temperatures were 3-10°F above normal in Multan, Bahawalpur, Hyderabad divisions and the Federal Capital Area and 2-5°F so in the coastal districts of East Pakistan.

Forecast valid until the evening of 12th :—Local rain will occur in East Pakistan and scattered thunderstorms/showers in Peshawar, Rawalpindi, Lahore divisions and Kashmir.

A few dust/thunderstorms are also likely in Bahawalpur, D. I. Khan and Multan divisions.

Karachi-11.
The 11th August, 1957.

K. U. SIDDIQI.
for Director. Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F. TdTd (18)	Maximum temperature °F. TxTx (19)
Chittagong	Cox's Bazar	010	9	6	16	02	96	03	6	077	84	2	5	7	0	8	77	88
	Chittagong	000	0	6	20	C5	96	02	1	071	84	4	5	6	2	0	77	89
	Maijdee Court	000	9	4	13	02	97	01	1	061	85	0	0	9	0	2	79	87
	Comilla	000	0	8	18	05	99	02	0	063	86	5	4	5	8	0	77	90
	Brahmanbaria	041	6	6	00	00	97	03	6	067	83	6	4	3	0	0	80	90
	Sylhet	001	7	8	00	00	97	01	6	072	81	6	4	5	2	8	77	87
	Srimangal	033	5	8	00	00	94	01	9	074	78	8	5	5	×	×	77	89
Dacca	Mymensingh	000	0	8	11	02	98	02	2	068	86	8	7	4	×	×	81	87
	Narayanganj	000	9	8	18	03	94	03	2	062	86	5	4	4	3	×	78	90
	Dacca (Tezgaon)	000	9	7	18	03	97	02	6	059	85	3	4	5	0	3	78	90
	Faridpur	134	6	8	16	03	96	01	6	061	83	5	4	7	1	0	79	85
	Barisal	009	4	6	18	02	95	50	6	062	83	7	0	9	6	0	79	92
Rajshahi	Khulna	082	4	4	18	03	97	01	6	051	86	2	5	7	3	0	80	89
	Satkhira	050	0	5	18	02	97	03	1	050	86	3	5	7	9	0	77	91
	Jessore	000	0	6	18	02	97	02	2	‹47	87	4	3	6	6	0	81	90
	Sirajganj	000	0	8	13	02	96	00	0	057	83	0	0	9	0	8	77	86
	Bogra	000	0	0	13	02	96	00	1	051	87	0	0	9	0	0	79	89
	Dinajpur	000	2	6	00	00	96	02	2	019	83	0	0	9	2	0	80	90
	Rangpur	000	0	6	18	02	96	02	1	×××	86	4	4	6	1	0	79	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	5	6	00	00	96	01	9	038	89	4	2	7	3	4	80	94
	Sialkot	000	2	3	13	03	97	02	1	031	95	3	2	6	0	0	78	98
Rawalpindi	Jhelum	000	8	3	00	00	97	02	1	028	97	2	2	7	3	0	75	97
	Rawalpindi	000	0	4	18	02	98	03	9	026	93	4	2	7	0	0	72	95
	Khushab	000	0	3	09	05	97	03	1	036	96	3	9	6	0	0	72	99
Multan	Lyallpur	000	0	4	16	02	96	01	0	014	93	0	0	9	0	3	77	94
	Montgomery	000	0	3	27	02	96	02	1	021	93	3	3	7	0	0	77	01
	Multan	000	0	1	13	03	96	01	0	018	56	0	0	9	0	1	73	06
Bahawalpur	Leiah																	
	Khanpur	000	0	1	00	00	96	02	0	004	05	0	0	9	0	1	70	07
	Bahawalpur	000	0	4	00	00	97	02	0	007	99	0	0	9	0	4	75	03
	Fort Abbas	071	3	3	05	09	97	03	6	006	99	3	1	6	0	0	70	06
Peshawar	Chakdara	000	0	2	××	××	98	01	1	999	95	2	2	7	0	0	69	97
	Peshawar																	
	Haripur	000	9	7	23	02	96	02	1	019	95	7	3	6	0	0	75	99
	Campbellpur	000	1	7	36	05	98	03	5	019	93	7	3	6	0	0	76	93
D.I. Khan	Bannu	000	5	6	05	02	99	03	1	023	92	0	0	9	0	7	73	00
	D.I. Khan	000	6	2	00	00	98	03	0	033	03	0	0	9	0	2	76	04
Quetta	Sibi	000	0	0	00	00	98	00	0	999	08	0	0	9	0	0	68	10
	Nokkundi	000	0	0	27	02	98	02	0	964	13	0	0	9	0	0	47	14
Kalat	Turbat	000	0	0	02	02	97	00	0	001	03	0	0	9	0	0	83	04
	Jiwani	000	0	0	13	10	96	01	0	030	85	0	0	9	0	0	73	87
	Pasni	000	0	0	20	10	96	00	0	048	89	0	0	9	0	0	78	91
	Ormara	000	0	0	××	××	98	00	0	044	88	0	0	9	0	0	83	88
	Las Bela	000	0	0	13	04	98	00	0	995	99	0	0	9	0	0	76	06
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	12	97	02	1	026	88	0	0	9	0	3	83	90
	Karachi (Air port)	000	0	0	23	10	97	02	0	034	88	0	0	9	0	0	76	92
	Badin	000	0	0	18	02	97	00	0	039	98	0	0	9	0	0	70	02
	Nagarparker																	
	Umarkot	000	0	0	23	01	97	00	0	997	02	0	0	9	0	0	73	02
	Hyderabad	000	0	0	23	05	97	02	0	021	99	0	0	9	0	0	64	00
Khairpur	Pad-i-dan	000	0	1	13	02	98	01	1	016	03	0	0	9	0	3	60	06
	Nawabshah																	
	Sukkur	000	0	0	25	02	96	00	0	005	04	0	0	9	0	0	73	04
	Kashmore	000	0	0	18	04	99	00	0	986	05	0	0	9	0	0	67	91
	Jacobabad	000	0	0	18	05	96	02	0	010	03	0	0	9	0	0	76	04
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	98	00	1	028	86	0	0	9	0	0	81	90
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	076	3	6	13	03	97	05	6	491	63	6	3	3	0	0	60	71
Peshawar	Drosh *	000	0	4	23	09	96	03	1	439	93	4	2	7	0	0	52	99
	Cherat *	003	1	5	18	03	96	01	6	478	78	1	2	6	7	0	67	90
	Kakul *	000	4	8	11	03	99	20	5	484	75	8	4	6	×	×	68	77
	Landi Kotal *	000	0	1	02	02	97	03	0	466	90	1	5	6	0	0	85	92
	Parachinar *	000	0	8	13	02	99	16	0	795	81	8	8	8	×	×	63	××
D.I. Khan	Miranshah *	000	0	6	31	02	98	02	0	418	90	6	0	8	6	0	86	96
	Wana *	003	3	4	07	02	96	60	1	457	86	4	2	8	0	0	65	90
Quetta	Fort Sandeman *	000	0	6	23	02	96	03	1	426	87	6	0	9	2	0	57	95
	Hindubagh *	000	0	5	00	00	98	03	0	440	95	5	2	7	0	0	45	96
	Loralai *	000	0	4	16	05	98	02	1	456	89	4	0	9	4	0	59	90
	Harnai *	000	0	2	09	02	98	02	0	×××	××	2	0	9	2	0	××	××
	Quetta *	000	0	2	00	00	97	01	0	435	94	1	0	9	8	1	56	95
	Chaman *	000	0	8	34	03	98	00	0	461	99	0	0	9	0	0	79	03
Kalat	Kalat *	000	0	0	16	11	98	00	0	461	85	0	0	9	0	0	54	92
	Nushki *	000	0	0	31	09	96	00	0	509	08	0	0	9	0	0	46	09
	Dalbandin *	000	6	6	31	16	96	03	1	460	05	6	8	7	0	0	49	09
	Panjgur *	000	0	6	31	07	98	03	0	460	97	6	0	9	6	0	53	03
Afghanistan	Kabul *	000	0	3	××	××	99	03	0	506	80	3	1	9	0	0	72	92
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum temperature °F. TnTn (36)
Cox's Bazar	015	1	8	18	02	96	21	6	000	84	8	4	7	1	×	80	79
Chittagong	000	0	7	11	02	97	03	2	095	84	5	5	6	3	0	79	80
Maijdee Court	000	6	8	00	00	96	02	2	096	80	7	6	9	1	7	76	79
Comilla	000	0	8	00	00	98	60	2	095	85	8	4	5	×	×	79	79
Brahmanbaria	014	0	7	00	00	97	03	2	087	84	7	5	3	0	0	80	80
Sylhet	001	7	8	09	02	97	02	6	088	81	5	4	6	2	×	77	78
Srimangal	037	9	8	05	02	97	02	6	092	83	8	4	6	×	×	78	76
Mymensingh	006	0	8	00	00	96	60	2	097	82	8	6	4	×	×	76	80
Narayanganj	000	9	8	18	03	95	03	2	091	86	3	4	6	7	×	79	82
Dacca (Tezgaon)	007	9	8	20	13	97	02	9	084	84	3	5	4	2	×	81	81
Faridpur	134	9	8	16	02	96	03	0	098	83	8	5	6	×	×	78	77
Barisal	009	6	6	13	01	96	02	1	083	85	6	0	8	5	0	79	81
Khulna	082	0	8	13	03	97	01	2	069	87	8	5	6	×	×	80	77
Satkhira	000	0	6	00	00	97	03	2	593	84	4	5	7	9	0	81	80
Jessore	000	0	8	18	05	97	03	2	083	85	8	4	6	×	×	81	80
Sirajganj	000	0	8	18	02	95	00	0	075	82	8	6	5	×	×	80	80
Bogra	000	0	6	00	00	97	60	1	083	81	6	6	6	0	0	80	80
Dinajpur	151	6	8	00	00	95	61	6	088	78	8	7	7	×	×	77	73
Rangpur	084	2	8	13	02	94	95	6	×××	77	8	7	5	×	×	75	77
Jammu																	
Lahore (Jail Rd.)	000	0	1	13	03	96	01	1	046	87	1	0	9	3	0	78	80
Sialkot	000	7	0	05	03	98	00	2	052	84	0	0	9	0	0	74	79
Jhelum	000	9	4	13	02	97	02	1	053	87	2	2	6	3	1	75	81
Rawalpindi	000	0	5	27	02	99	01	1	060	85	5	0	9	3	0	76	79
Khushab	000	0	1	09	05	98	01	0	049	89	0	0	9	0	9	76	82
Lyallpur	000	9	0	13	02	96	00	1	043	88	0	0	9	0	0	79	82
Montgomery	000	0	4	13	02	97	02	1	018	85	4	5	7	0	0	77	79
Multan	000	0	1	05	02	96	01	0	015	87	0	0	9	0	1	80	81
Leiah																	
Khanpur	000	0	0	00	00	[illegible]	00	0	027	94	0	0	9	0	0	76	87
Bahawalpur	000	0	0	00	00	7	[illegible]	0	031	92	0	0	9	0	0	82	85
Fort Abbas	071	0	0	11	01		00	0	026	98	0	0	9	0	0	74	81
Chakdara	000	0	7	××	××	97	63	9	037	79	0	×	7	7	×	73	65
Peshawar	000	0	4	02	03	97	01	3	040	83	1	5	7	3	0	73	83
Haripur	000	9	8	23	02	97	17	2	064	73	8	5	6	×	×	68	73
Campbellpur	000	0	8	09	02	98	03	1	051	87	8	0	8	4	0	75	82
Bannu	000	0	0	13	02	99	00	0	043	88	0	0	9	0	0	73	82
D.I. Khan	000	0	0	05	05	98	00	0	027	90	0	0	9	0	0	79	82
Sibi	000	0	0	00	00	99	00	0	029	92	0	0	9	0	0	73	92
Nokkundi	000	0	0	34	05	98	02	0	013	92	0	0	9	0	0	56	86
Turbat	000	0	0	00	00	98	00	0	005	85	0	0	9	0	0	77	85
Jiwani	000	0	7	13	05	97	03	2	066	81	3	6	5	7	0	73	79
Pasni	000	0	2	29	02	96	00	0	078	81	2	0	9	4	0	77	78
Ormara	000	0	0	××	××	98	00	0	072	83	0	0	9	0	0	79	79
Las Bela																	
Karachi (Manora)	000	0	2	27	07	96	03	0	052	82	0	0	9	5	0	79	80
Karachi (Air port)	000	0	2	27	05	96	03	1	056	83	2	6	5	0	0	76	80
Badin	000	5	5	23	02	96	20	3	041	84	5	0	9	7	0	75	××
Nagarparker																	
Umarkot	000	0	7	23	01	97	00	0	027	84	0	0	9	0	0	75	82
Hyderabad	000	0	6	20	03	97	03	2	047	65	0	0	9	0	5	73	81
Pad-i-dan	030	0	3	13	05	98	02	0	034	90	0	0	9	0	1	70	83
Nawabshah	000	0	1	18	02	97	02	0	043	87	0	0	9	0	1	71	83
Sukkur	000	0	0	00	00	96	00	0	029	91	0	0	9	0	0	76	85
Kashmore																	
Jacobabad	000	0	0	00	00	97	02	0	031	92	0	0	9	0	0	76	87
Veraval																	
Jalalabad																	
Muscat	000	0	0	09	05	99	00	0	044	84	0	0	9	0	0	80	84
Kuwait																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *	000	0	0	00	00	98	00	0	030	65	0	0	9	0	0	40	54
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	078	2	8	09	03	95	17	6	490	64	8	9	3	×	×	63	61
Drosh *	000	0	1	00	00	96	01	0	476	82	1	5	7	0	0	61	75
Cherat *	003	3	5	18	02	96	02	2	488	75	5	0	9	4	0	64	73
Kakul *	000	3	8	18	02	95	95	9	495	68	8	9	6	×	×	67	68
Landi Kotal *	000	0	1	02	03	97	03	0	474	81	1	1	6	0	0	68	77
Parachinar *	000	0	0	00	00	99	00	0	794	72	0	0	9	0	0	55	××
Miranshah *	000	0	0	00	00	99	00	0	528	××	0	0	9	0	0	77	66
Wana *	000	0	0	00	00	97	00	0	476	73	0	0	9	0	0	64	67
Fort Sandeman *	000	0	0	00	00	96	00	0	487	81	0	0	9	0	0	64	71
Hindubagh *	000	0	0	00	00	98	00	0	489	72	0	0	9	0	0	50	62
Loralai *	000	0	0	27	02	98	00	0	469	72	0	0	9	0	0	63	65
Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××
Quetta *	000	0	0	16	03	95	00	0	465	77	0	0	9	0	0	68	67
Chaman *	000	0	0	00	00	97	00	0	455	88	0	0	9	0	0	75	73
Kalat *	000	0	0	00	00	98	00	0	499	71	0	0	9	0	0	56	60
Nushki *	000	0	0	09	08	97	00	0	519	86	0	0	9	0	0	65	85
Dalbandin *	000	0	0	13	02	95	05	1	468	89	0	0	9	0	0	48	80
Panjgur *	000	0	0	00	00	98	00	0	477	80	0	0	9	0	0	61	77
Kabul *																	
Kandahar *																	

Departure from Normal of / Rainfall

Station (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Rainfall departure from normal (40)	Rainfall since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	+ 3	+ 3	88.2	+ 11.6	99.1	140
Chittagong	+ 4	+ 4	50.1	- 1.7	57.6	108
Maijdee Court	+ 1	+ 1	39.5	- 13.7	47.7	115
Comilla	+ 3	+ 2	31.0	- 10.0	42.9	94
Brahmanbaria	—	—	30.0	- 1.1	47.6	78
Sylhet	—	—	55.8	—	106.3	..
Srimangal	- 1	0	41.7	+ 3.9	68.2	98
Mymensingh	- 1	+ 2	38.4	- 0.5	52.4	91
Narayanganj	+ 3	+ 3	34.6	+ 14.6	50.7	74
Dacca (Tezgaon)	—	—	18.1	—	53.8	..
Faridpur	- 2	- 2	33.6	+ 3.5	45.7	71
Barisal	+ 5	+ 3	28.3	- 8.4	45.5	81
Khulna	+ 2	- 1	30.6	- 1.1	38.6	60
Satkhira	+ 3	+ 2	25.2	- 4.6	30.9	65
Jessore	—	—	33.0	+ 4.4	36.3	68
Sirajganj	- 1	+ 1	45.2	+ 17.3	56.2	64
Bogra	+ 1	+ 2	45.4	+ 15.2	52.9	69
Dinajpur	+ 2	- 6	34.0	+ 1.0	37.4	73
Rangpur	+ 1	- 1	40.2	+ 2.0	49.0	84
Jammu						..
Lahore (Jail Rd.)	- 4	+ 1	7.9	- 1.0	16.5	19
Sialkot	+ 3	+ 1	9.5	- 4.9	32.4	32
Jhelum	—	—	7.0	—	17.8	..
Rawalpindi	0	+ 4	7.7	- 6.0	23.7	36
Khushab	- 1	+ 1	5.3	- 1.4	14.0	15
Lyallpur	+ 4	+ 2	4.8	- 0.5	10.9	12
Montgomery	0	- 3	0.2	- 4.9	4.0	10
Multan	+ 7	- 2	0.7	- 2.6	4.1	7
Leiah						8
Khanpur	+ 4	+ 6	0	- 3.5	1.8	4
Bahawalpur	+ 2	+ 4	1.0	- 2.3	2.3	4
Fort Abbas	—	—	—	—	—	8
Chakdara	—	—	1.9	—	16.7	
Peshawar	—	+ 4	1.5	- 1.1	12.6	14
Haripur	—	—	2.7	—	16.8	..
Campbellpur	—	—	2.5	—	17.9	..
Bannu	—	—	1.5	—	8.6	11
D.I. Khan	+ 3	+ 1	2.0	- 1.7	7.4	10
Sibi	—	—	1.1	—	6.2	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	3.5	—	5.9	..
Jiwani	—	—	0	—	3.1	4
Pasni	+ 2	+ 2	—	—	—	6
Ormara	—	—	0	- 0.7	3.8	6
Las Bela	—	—				8
Karachi (Manora)	+ 5	+ 1	0.5	- 4.2	0.9	8
Karachi (Air port)	—	—	0.7	—	1.1	..
Badin	+ 10	×	0	- 4.8	0	9
Nagarparker						..
Umarkot	—	—	2.8	—	2.8	..
Hyderabad	+ 4	+ 2	0.2	- 4.1	2.0	7
Pad-i-dan	—	—	0	—	1.2	..
Nawabshah	—	—	—	—	—	
Sukkur	—	—	0.1	—	2.9	4
Kashmore						..
Jacobabad	0	+ 5	0	- 1.8	3.5	4
Veraval						20
Jalalabad						..
Muscat	- 1	0	0	- 0.1	4.9	4
Kuwait						..
Srinagar *						36
Gulmarg **						71
Sonamarg **						26
Dras **						3
Leh **						6
Skardu *		—	—	—	—	..
Misgar **						
Aliabad *						
Gilgit *						5
Murree *	- 1	+ 4	14.7	+ 7.5	48.5	59
Drosh *	+ 3	—	0.9	—	23.0	18
Cherat *	—	—	3.3	- 3.4	24.0	29
Kakul *	—	—	6.2	—	33.7	..
Landi Kotal *	—	—	0.7	—	15.0	..
Parachinar *	—	—	5.9	—	25.0	29
Miranshah *	—	—	2.5	- 0.9	14.8	13
Wana *	—	—	—	—	—	
Fort Sandeman *	0	- 3	2.0	- 1.6	12.5	11
Hindubagh *	—	—	0	—	12.3	..
Loralai *	—	—	1.7	—	10.6	
Harnai *	—	—	1.6	- 3.3	13.9	14
Quetta *	—	—	0	- 0.9	9.5	9
Chaman *	+ 3	- 1	0	- 0.1	10.2	8
Kalat *	+ 2	+ 2	0	- 1.0	8.4	7
Nushki *	—	—	0	—	8.0	..
Dalbandin *	+ 1	+ 6	0	- 0.3	4.4	4
Panjgur *	+ 1	+ 3	—	—	—	5
Kabul *	—					17
Kandahar *						..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 11th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_sL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_rT_r T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Elhomeru	73 187	655 00	5 23 20	97 02 2	060 81	54 5 00	4 4 300	..	0 00 75	1 19 33
Asia	73 194	594 00	8 21 17	97 03 0	036 75	80 5 2×	1 7 603	..	0 00 82	1 15 21
Delila	73 236	590 03	1 15 05	97 01 0	058 90	10 7 80	7 6 110	..	0 00 82	1 20 33
Aziz	73 205	609 06	8 22 18	97 02 2	056 81	85 5 ××	1 7 400	..	0 06 75	1 06 21
Salome	73 242	585 06	1 06 10	98 61 0	078 88	10 7 10	7 6 220	..	0 02 86	0 51 73
Tivali	73 227	641 12	5 23 05	98 01 2	046 81	55 4 00	1 4 711	..	0 51 73	1 26 20
Moordrecht	73 204	632 12	8 26 06	97 02 2	045 79	88 4 ××	..	..	0 52 73	1 19 32
Asia	73 227	643 18	3 19 06	98 01 1	057 81	30 8 70	1 7 109	..	0 52 75	1 26 43
Moordrecht	73 214	623 18	8 00 00	97 02 2	054 79	88 4 ××	..	..	0 00 75	

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Jacobabad ..														
Karachi ..	00 00	002 285 278	040 275 252	..	50 228 145	..	169 132 018	462 048 582	961 602 632	733 608 708	991 718	..	..	..
Lahore ..														
Multan ..														
Peshawar ..	00 00	64× 272 232	..	..	400 245 218	..	068 142 118	351 060 060	825 512 525	568 590 999	975 760	..	..	..
Quetta ..	00 00	829 205 168	Missing											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Jacobabad ..													
Karachi ..	00 00	900 252 195	800 225 135	350 640 999	281 732 999	..	.	..	..	..	281 732 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	902 262 232	800 212 185	350 69× 93×	250 748 999	..	239 752 999	..	..	..	239 752 999	..	..
Quetta ..	00 00	Missing											

PPP-Pressure in hundreds tens and units of millibars.
TTT : TdTdTd : Dry Bulb : Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bagra ..	16 10	17 14	19 11	..	..	..	..	..	..
Chaklala ..		15 09	15 12	15 12	10 06	..	..	..	..
Chitral ..	25 06	24 07	16 06	11 11	05 10	05 17	07 15	08 09	09 12
Chittagong ..	19 07	19 13	18 12	19 12	19 13	..	..	..	..
Cox's Bazar ..	20 10	20 10	17 07	17 08	15 09		..	..	..
Dacca ..	17 10	16 13	17 15	19 16	18 15		..	..	..
Dalbandin ..	..	..	16 04	22 04	08 03	35 05	31 05	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	27 09	23 13	22 15	20 03	..	..
Fort Sandeman ..				11 19	11 11	35 04	36 26	35 23	..
Jacobabad ..	17 10	17 12	17 13	17 07	11 05	05 05	01 23	36 27	36 21
Jiwani ..	..	..	..	..	..	..	..	..	..
Kohat ..	20 01	09 01	12 03	09 06	06 05	10 05	18 04	28 03	25 03
Injni ..	14 11	14 12	14 00	09 05	06 07	04 15	06 19	07 19	08 15
Karachi ..	21 05	17 03	11 06	09 16	09 17	06 20	06 30	09 09	07 11
Khanpur ..	32 06	31 06	31 05	35 06	35 06	02 15	03 14	29 03	31 05
Lahore ..	36 06	36 06	03 06	11 11	15 09	16 09	16 07	19 04	05 03
Multan ..	13 07	01 11	03 12	05 07	09 04	35 12	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..		..	..	..
Quetta ..	..	..	..	..	32 10	32 06	31 11	33 06	35 07
Sharjah ..					..	..	..	..	..
Sylhet ..	21 11	04 02	08 02	..	..	..	..	..	..
Varanasi ..	..	..	..	..	..	..	..	..	..

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bagra ..	19 16	..	..	..	..	..
Chaklala ..		07 10	13 09	15 10	16 05	33 09
Chitral ..	24 17	24 16	22 10	30 05	04 17	..
Chittagong ..	15 05	16 02	15 03	18 06	16 07	13 04
Cox's Bazar ..	18 03	18 04	14 04			
Dacca ..	21 08	21 08	20 07	18 08	19 09	20 11
Dalbandin ..	..	..	31 11	33 04	17 06	11 09
D. I. Khan ..	..	..		..	..	..
Drosh ..	..		..		23 04	20 02
Fort Sandeman ..			..	27 04	20 02	31 06
Jacobabad ..	22 15	22 10	22 07	03 03	14 06	01 07
Jiwani ..	..	..	..	..	..	..
Kohat ..	14 04	15 09	15 09	14 10	..	..
Injni ..	..	..	..	..	..	..
Karachi ..	29 24	29 26	29 18	18 17	16 17	10 17
Khanpur ..	03 06	30 05	31 05	32 09	33 07	01 10
Lahore ..	14 11	15 10	14 07	24 01	31 02	10 03
Multan ..	09 10	09 11	09 07	05 06	04 05	04 10
Muscat ..	..	..		..	..	..
Panjgur ..	..		..	..	..	..
Peshawar ..	..	35 03	22 05	28 07	19 09	07 04
Quetta ..	..	..	..	..	18 02	31 09
Sharjah ..				..	..	..
Sylhet ..	12 06	17 02	17 03	..	..	..
Varanasi ..	..	..	..	..	..	..

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bagra ..	No	ascent	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chitral ..			..		..	..	..	..	..	..	..
Chittagong ..	24 07	23 08	21 07	21 11	..	..	..	..	..	..	..
Cox's Bazar ..	25 05	24 04	23 03								
Dacca ..	25 07	24 07	23 09	22 11	23 12	23 10	27 13	26 13			
Dalbandin ..	..	..	19 04	21 04	22 04	22 08	19 05	19 06	08 05	03 04	28 05
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..		23 06	22 09	24 02	01 06	32 04	28 12	33 33
Fort Sandeman ..				27 01	23 02	33 12	33 17	34 14	33 07	27 12	13 05
Jacobabad ..	21 04	19 04	18 04	11 01	33 04	03 10	07 15	05 14	08 12	34 05	01 04
Jiwani ..	..	..	..	..	..	..	..	..	..	..	..
Kohat ..	08 01	07 01	12 01	06 01	05 02	31 03	19 05	19 04	22 06	..	..
Injni ..	17 03	13 09	07 09	10 08	03 08	04 14					
Karachi ..	26 12	26 06	19 06	16 08	11 10	09 13	06 25	07 20	08 15	08 11	06 12
Khanpur ..	21 06	14 04	10 06	03 08	02 11	02 15	02 17	04 15	21 02		..
Lahore ..	12 04	13 04	13 04	15 03	09 03	02 01	07 03	27 02	22 04	23 08	..
Multan ..	35 08	03 08	07 10	05 13	03 13	36 10	03 09	26 06	36 08	27 05	32 03
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	22 02	34 06	16 08	04 03	35 03	27 03	..
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	..	..	..	..	..	..	..	..	..	..	..
Varanasi ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 14	29 11	20 09	12 06	16 04	17 10	11 29	06 28	06 42	05 31	09 18							
Peshawar ..																		
Quetta ..																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

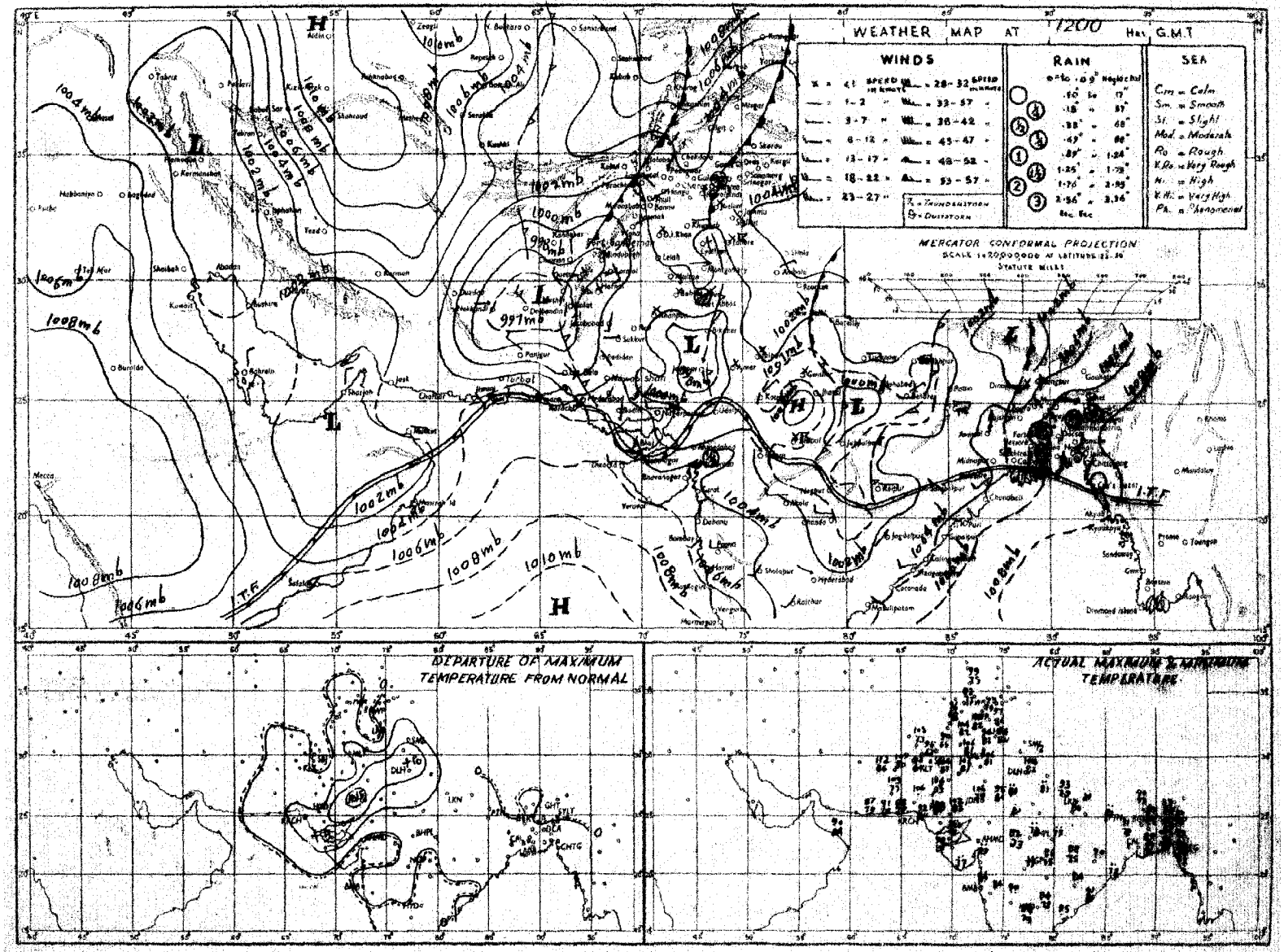
Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

11712 63506

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.

PAKISTAN DAILY WEATHER MAP

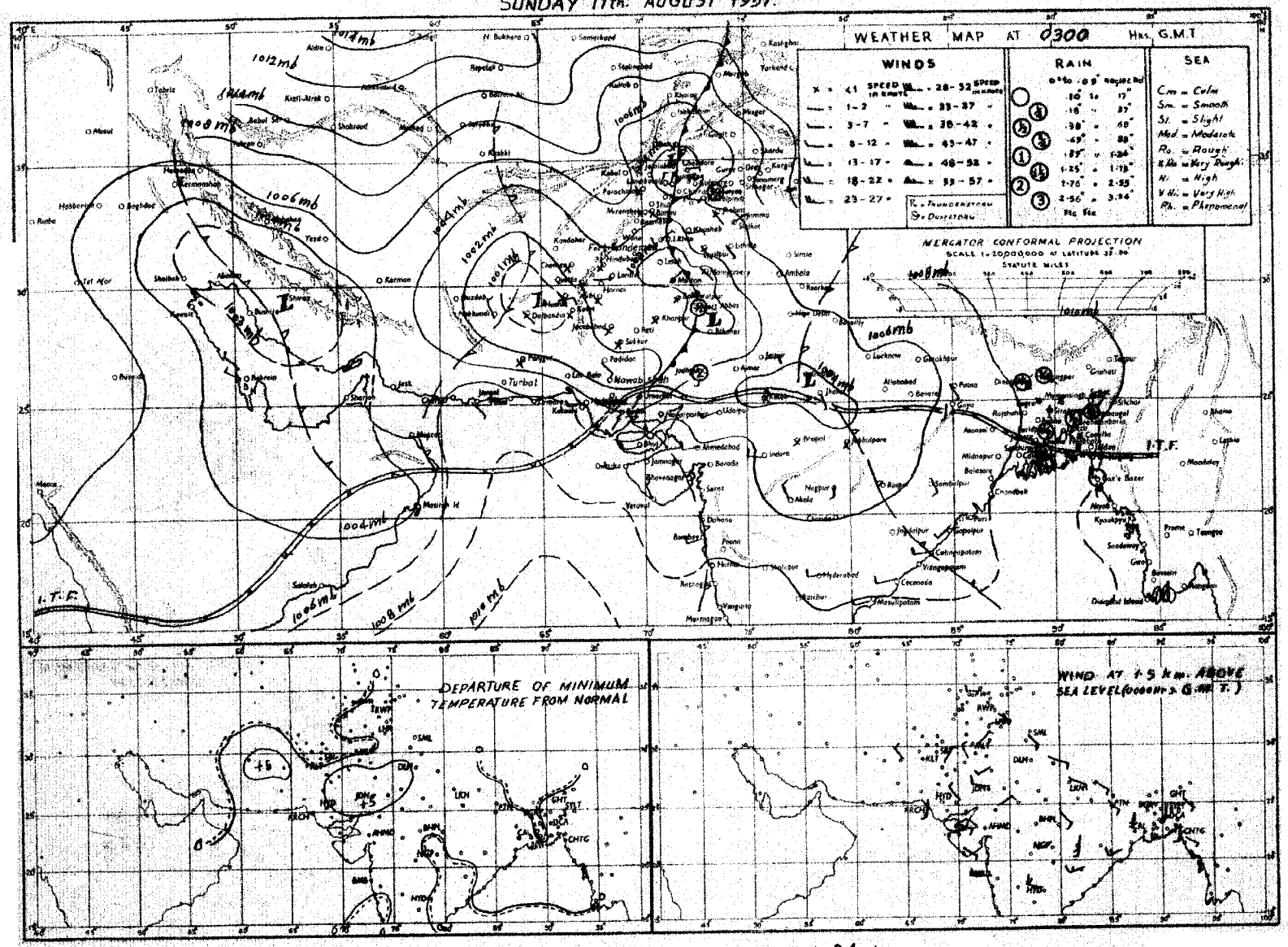
SATURDAY 10th AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 11th: AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

MONDAY, THE 12th AUGUST, 1957.

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

Yesterday's low pressure wave over the extreme north of West Pakistan moved away eastwards after causing local thunderstorm/showers in Lahore, Rawalpindi and Peshawar divisions and scattered in Multan, D. I. Khan and Hyderabad divisions.

An easterly low pressure wave is moving across Central Burma.

Local rain has fallen in East Pakistan.

Chief amounts of rainfall are:—Mnree 2"; Mymensingh 1½"; Chakdara 1"; Maijdee Court Comilla, Dinajpur, Rangpur, Lahore and Wana ½" each and Faridpur, Satkhira, bogra, Haripur, Kakul and Badin ½" each.

Day temperatures:—were 3-5°F above normal over West Pakistan and were 5-8°F below normal in the northern parts of East Pakistan.

Forecast valid until the evening of 13th:—Scattered rain/thundershowers will occur in East Pakistan and scattered thunderstorms/showers in Lahore and Rawalpindi divisions and in Kashmir.

Karachi-11.
The 12th August, 1957.

OBSERVATIONS

K. U. SIDDIQI,
for Director. Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	5	7	00	00	95	60	9	061	83	7	4	6	1	0	79	88
	Chittagong	000	3	8	07	02	96	20	5	056	80	8	7	5	×	×	79	89
	Maijdee Court	040	6	8	00	00	96	03	2	057	80	3	1	6	2	×	76	87
	Comilla	038	5	8	00	00	96	02	5	053	81	8	4	5	×	×	78	85
	Brahmanbaria	000	0	5	09	02	97	03	2	058	80	5	5	3	0	0	77	86
	Sylhet	004	8	8	00	00	97	02	6	057	80	5	4	7	2	×	76	84
	Srimangal	010	6	8	00	00	97	02	6	062	78	8	5	6	×	×	76	85
Dacca	Mymensingh	150	8	8	00	00	97	02	6	060	79	8	4	4	×	×	78	86
	Narayanganj	000	9	8	09	02	95	03	2	054	85	1	1	7	0	8	79	88
	Dacca (Tezgaon)	000	8	8	00	00	97	02	2	049	83	3	8	4	2	×	79	96
	Faridpur	021	3	8	00	00	96	02	6	053	82	8	4	7	×	×	79	86
	Barisal	000	8	8	00	00	96	03	2	045	84	8	0	8	9	×	81	89
Rajshahi	Khulna	000	0	8	00	00	97	03	2	052	87	8	5	7	×	×	79	89
	Satkhira	025	0	8	00	00	96	60	2	050	83	8	6	6	×	×	80	91
	Jessore	000	0	8	16	02	96	03	2	£50	86	8	8	5	×	×	82	89
	Sirajganj																	
	Bogra	020	8	6	09	02	96	02	6	053	81	6	6	6	0	0	78	83
	Dinajpur	050	6	7	00	00	95	02	6	063	80	4	5	7	2	0	76	81
	Rangpur	045	8	7	05	02	96	02	6	×××	80	7	5	6	0	0	77	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	043	3	4	00	00	96	01	9	000	85	2	3	6	2	0	79	97
	Sialkot	000	4	3	23	03	98	02	1	990	93	3	2	6	×	×	82	99
Rawalpindi	Jhelum	000	0	2	00	00	98	02	0	985	96	2	2	6	0	0	73	98
	Rawalpindi	000	0	3	00	00	99	02	0	976	95	3	2	7	0	0	73	97
	Khushab	000	0	4	07	03	97	03	1	983	99	4	0	9	7	0	71	01
Multan	Lyallpur	000	0	6	16	02	96	02	0	992	91	6	2	8	0	0	77	98
	Montgomery	000	1	4	05	05	96	29	9	987	99	4	3	6	0	0	74	02
	Multan	000	0	0	13	02	96	00	0	009	95	0	0	9	0	0	73	04
Bahawalpur	Leiah																	
	Khanpur	000	0	1	36	03	96	01	1	975	06	0	0	9	0	6	75	07
	Bahawalpur	000	0	4	00	00	97	02	0	968	03	0	0	9	0	0	76	04
	Fort Abbas	000	0	7	05	07	96	20	2	976	97	6	1	6	0	1	76	07
Peshawar	Chakdara	113	×	0	00	00	90	01	1	947	94	1	2	7	0	×	75	95
	Peshawar	000	0	2	05	05	96	02	0	966	98	1	1	7	3	0	74	99
	Haripur	000	9	2	27	02	97	01	2	978	95	2	0	9	0	3	67	98
	Campbellpur	000	0	3	13	05	98	01	1	973	00	3	3	6	0	0	72	00
D.I. Khan	Bannu	000	0	0	07	02	99	00	1	923	99	0	0	9	0	0	73	99
	D.I. Khan	000	0	0	00	00	98	00	0	032	03	0	0	9	0	0	76	04
Quetta	Sibi	000	0	0	18	01	98	00	0	967	10	0	0	9	0	0	65	12
	Nokkundi	000	0	0	34	02	98	02	0	943	09	0	0	9	0	0	42	11
Kalat	Turbat	000	0	0	23	03	97	00	0	998	××	0	0	9	0	0	75	××
	Jiwani	000	0	1	19	09	97	01	0	035	84	0	0	9	1	0	71	87
	Pasni	000	0	1	20	17	96	00	0	049	87	1	5	7	0	0	79	91
	Ormara	000	0	0	××	××	98	00	0	046	90	0	0	9	0	0	83	92
	Las Bela	000	0	0	09	06	96	00	3	993	01	0	0	9	0	0	74	07
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	12	97	02	0	036	89	0	0	9	0	0	84	90
	Karachi (Air port)	000	0	2	23	12	97	01	0	027	88	0	0	9	3	0	77	94
	Badin	037	6	8	23	02	96	66	0	039	82	8	7	7	×	×	76	95
	Nagarparker																	
	Umarkot	000	3	7	03	01	97	02	4	004	84	0	0	9	2	0	77	95
	Hyderabad	000	0	5	23	10	97	02	2	014	98	0	0	9	0	5	70	03
Khairpur	Pad-i-dan	000	0	2	18	09	98	01	1	983	08	2	1	7	0	0	64	09
	Nawabshah	000	0	1	18	12	97	02	0	998	03	0	0	9	0	1	71	07
	Sukkur	000	0	0	27	03	96	00	0	976	05	0	0	9	0	0	77	08
	Kashmore	000	0	0	36	02	99	00	0	986	88	0	0	9	0	0	75	80
	Jacobabad	000	0	2	13	05	97	03	0	983	05	2	0	9	3	0	95	07
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	025	84	0	0	9	0	0	78	85
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	067	80	0	0	9	0	0	85	90
	Allabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	7	27	03	96	02	9	446	70	7	9	3	0	0	66	72
Peshawar	Drosh *	000	0	1	27	03	96	01	0	403	98	1	2	7	0	0	59	01
	Cherat *	000	6	2	18	05	96	01	1	441	87	2	2	6	0	0	66	90
	Kakul *	024	3	1	20	02	99	01	6	644	81	1	2	7	0	0	71	84
	Landi Kotal *	000	0	2	02	02	97	05	4	431	90	2	5	6	9	0	88	93
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	795	82	0	0	9	0	0	62	××
	Miranshah *	000	0	0	05	02	99	00	0	499	93	0	0	9	0	0	89	95
	Wana *	045	0	5	00	00	99	02	6	458	76	5	0	9	7	0	64	91
Quetta	Fort Sandeman *	000	0	4	36	02	96	03	1	437	95	4	0	9	7	0	62	98
	Hindubagh *	000	0	6	37	05	98	03	0	421	94	6	2	7	0	0	41	99
	Loralai *	000	0	4	16	02	98	02	1	457	91	0	0	9	3	0	58	95
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	3	31	02	96	01	0	418	93	0	0	9	0	0	68	95
Kalat	Chaman *	000	0	0	29	03	98	00	0	446	00	0	0	9	0	0	84	02
	Kalat *	000	0	0	23	09	98	00	0	442	86	0	0	9	0	0	51	93
	Nushki *	000	0	0	27	09	95	00	0	498	07	0	0	9	0	0	37	09
	Dalbandin *	000	0	1	18	05	96	01	0	436	06	1	1	7	0	0	47	08
	Panjgur *	000	0	0	31	03	98	00	0	461	98	0	0	9	0	0	57	03
Afghanistan	Kabul *	000	0	2	20	05	99	03	0	494	87	2	1	8	0	0	65	93
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions	Station	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	9	5	29	02	96	02	6	066	85	2	5	6	0	9	77	77	+ 3	+ 1	88.2	+ 10.5	99.1	140
	Chittagong	008	0	5	07	02	97	02	5	061	86	3	4	7	2	0	78	77	+ 4	+ 1	50.2	- 2.4	57.7	108
	Maijdee Court	040	6		00	00	97	02	6	062	84	2	1	6	3	0	78	79	+ 1	+ 1	39.9	- 14.2	48.1	115
	Comilla	038	9	3	00	00	99	03	6	060	87	2	4	5	5	0	75	76	- 2	- 1	31.4	- 10.2	43.3	94
	Brahmanbaria	000	0	4	09	02	97	03	2	063	85	4	5	5	0	0	77	78	—	—	30.0	- 1.6	47.6	78
	Sylhet	010	0	7	00	00	96	02	5	060	83	2	7	6	4	0	78	76	—	—	55.9	—	106.4	..
	Srimangal	010	0	8	00	00	97	02	5	065	82	8	4	6	×	×	76	75	- 5	- 1	41.7	+ 3.5	68.3	98
Dacca	Mymensingh	150	0	6	00	00	98	02	6	070	83	6	7	5	0	0	79	77	+ 4	- 1	39.9	+ 0.4	53.9	91
	Narayanganj	000	0	8	18	02	95	03	2	064	85	4	4	5	7	×	77	81	+ 1	+ 2	34.6	+ 4.1	50.7	74
	Dacca (Tezgaon)	000	0	7	09	02	97	02	6	059	85	3	1	5	4	0	79	80	—	—	18.1	—	53.0	..
	Faridpur	021	9	8	00	00	96	02	5	062	86	7	5	7	1	×	81	79	- 1	0	33.8	+ 3.4	45.9	71
	Barisal	000	0	8	00	00	96	02	2	057	85	7	0	9	4	3	79	81	+ 2	+ 3	28.3	- 8.9	45.5	81
Rajshahi	Khulna	000	0	8	00	00	97	01	2	060	86	8	5	7	×	×	79	81	+ 2	+ 3	30.6	- 1.5	38.6	68
	Satkhira	000	0	6	00	00	98	03	2	057	86	4	5	8	9	0	78	80	+ 3	+ 2	25.2	- 5.0	30.9	68
	Jessore	000	0	7	13	03	97	03	2	057	84	5	4	6	6	0	81	80	—	—	33.0	+ 3.9	36.3	65
	Sirajganj	000	0	5	00	00	96	03	2	051	85	5	2	6	0	0	78	80	—	+ 1	45.2	+ 15.9	56.2	64
	Bogra	020	2	7	00	00	95	61	6	061	79	7	7	5	0	0	76	78	- 5	0	4.6	+ 15.0	53.1	69
	Dinajpur	050	2	8	00	00	96	02	6	076	80	8	4	7	×	×	79	72	- 8	- 7	34.5	+ 1.0	37.9	73
	Rangpur	047	0	6	13	02	96	01	5	×××	82	6	5	6	1	×	78	75	- 9	- 3	40.6	+ 2.0	49.5	84
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.)	043	0	1	05	05	96	03	6	996	82	1	1	8	0	0	79	81	- 1	+ 2	8.3	- 0.8	16.9	19
	Sialkot	018	4	1	05	03	98	01	5	997	80	1	0	9	2	0	76	73	+ 5	- 5	9.6	- 5.1	32.8	32
Rawalpindi	Jhelum	000	5	7	05	05	97	02	2	005	81	7	0	9	7	0	71	79	—	—	7.0	—	17.8	..
	Rawalpindi	×××	9	7	27	02	98	97	9	011	82	7	2	6	0	0	81	78	+ 3	+ 3	7.7	- 6.3	23.7	36
	Khushab	000	0	1	09	55	98	03	0	999	89	1	1	6	0	0	76	81	+ 1	0	5.3	- 1.5	14.0	15
Multan	Lyallpur	000	0	0	25	02	96	00	0	981	87	0	0	9	0	0	78	82	0	+ 2	4.8	- 0.7	10.9	12
	Montgomery	000	0	0	13	02	97	00	0	962	88	0	0	9	0	0	78	82	+ 1	0	0.2	- 5.1	4.0	10
	Multan	000	0	0	05	02	96	00	0	970	90	0	0	9	0	0	80	83	+ 5	0	0.7	- 2.7	4.1	7
Bahawalpur	Leiah																							8
	Khanpur	000	0	0	23	05	96	00	0	976	92	0	0	9	0	0	74	88	+ 4	+ 7	0	- 3.6	1.8	4
	Bahawalpur	000	0	0	00	[illegible]	[illegible]	[illegible]	0	977	93	0	0	9	0	0	××	86	+ 3	+ 5	1.0	- 2.4	2.3	4
	Fort Abbas	000	0	0	23	05	[illegible]	00	0	975	95	0	0	9	0	0	74	88	—	—	1.6	—	4.5	4
Peshawar	Chakdara	113	0	4	××	××	97	61	6	959	82	4	0	7	8	0	75	64	—	—	2.0	—	17.8	
	Peshawar	000	0	0	31	03	97	02	0	966	86	0	0	9	0	0	75	81	+ 1	+ 2	1.5	- 1.2	12.6	14
	Haripur	037	9	8	23	02	96	17	6	989	76	8	5	6	×	×	74	73	—	—	3.0	—	17.1	..
	Campbellpur	000	0	5	13	02	98	03	1	984	87	5	8	5	0	0	77	86	—	—	2.5	—	17.9	..
D.I. Khan	Bannu	000	0	0	09	01	99	00	0	974	90	0	0	9	0	0	75	84	—	—	1.5	—	8.6	11
	D.I. Khan	000	0	0	00	00	98	00	0	969	90	0	0	9	0	0	79	84	+ 4	+ 3	2.0	- 1.8	7.6	10
Quetta	Sibi	000	0	0	00	00	99	00	0	972	94	0	0	9	0	0	74	94	—	—	1.1	—	6.2	5
	Nokkundi	000	0	0	34	13	98	02	0	969	86	0	0	9	0	0	45	82	—	—	0	—	1.9	2
Kalat	Turbat	000	0	0	27	02	98	00	0	001	83	0	0	9	0	0	76	83	—	—	2.5	—	5.9	..
	Jiwani	000	0	5	18	05	97	03	0	035	81	5	3	4	0	0	74	78	—	—	0	—	3.1	4
	Pasni	000	0	4	29	05	96	02	0	046	81	4	0	9	1	0	75	78	+ 3	+ 2	0	—	6.2	6
	Ormara	000	0	5	××	××	98	02	1	049	82	5	4	6	0	0	80	79	—	—	0	- 0.7	3.8	6
	Las Bela	000	0	0	00	00	98	00	0	031	83	0	0	9	0	0	76	78	—	—	1.5	—	2.4	9
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	09	96	03	2	017	81	3	6	4	5	0	77	79	+ 5	0	0.5	- 4.2	0.9	8
	Karachi (Air port)	000	2	6	27	12	96	02	5	019	82	4	6	5	3	0	76	80	—	—	0.7	—	1.1	..
	Badin	037	6	6	23	02	96	20	3	029	82	6	7	7	0	0	75	××	+ 3	—	0.4	- 4.6	0.4	9
	Nagarparker																							..
	Umarkot	000	0	0	23	02	97	00	0	979	82	0	0	9	0	0	72	78	—	—	2.8	—	2.8	..
	Hyderabad	000	0	8	23	09	97	02	2	002	85	8	0	9	7	×	73	81	+ 8	+ 2	0.2	- 4.3	2.0	7
Khairpur	Pad-i-dan	000	0	6	13	05	98	01	2	978	88	0	0	9	0	2	71	84	—	—	0	—	1.2	..
	Nawabshah	000	0	2	18	05	97	01	0	987	87	0	0	9	0	1	72	84	—	—	0.1	—	0.6	..
	Sukkur	000	4	2	31	02	96	01	0	975	88	0	0	9	0	3	75	85	—	—	0.1	—	2.9	4
	Kashmore	000	0	3	18	03	99	02	0	986	89	3	3	8	0	0	73	86	—	—	—	—	—	..
	Jacobabad	000	0	0	13	05	96	00	0	973	88	0	0	9	0	0	72	85	+ 3	+ 3	0	- 1.8	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	0	0	09	02	99	00	0	019	82	0	0	9	0	0	78	80	- 5	- 4	0	- 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							..
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																		—					..
	Allabad *																							..
	Gilgit *																							5
Rawalpindi	Murree *	251	9	8	13	03	96	95	9	418	61	8	9	3	×	×	59	60	+ 1	+ 3	16.8	- 6.0	50.7	59
Peshawar	Drosh *	000	0	2	00	00	96	02	0	424	82	2	2	7	0	0	62	75	—	—	0.9	—	23.0	18
	Cherat *	000	0	3	13	02	96	03	0	428	75	3	[illegible]	9	2	0	69	75	—	—	3.3	- 3.6	24.0	29
	Kakul *	024	5	7	13	02	96	61	9	435	78	7	9	6	0	0	69	67	—	—	6.4	—	34.0	..
	Landi Kotal *	000	0	0	00	00	97	00	0	419	84	0	0	9	0	0	76	75	—	—	0.7	—	15.0	29
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	794	70	0	0	9	0	0	56	××	×	×	5.9	—	25.0	13
	Miranshah *	000	0	0	00	00	99	00	0	469	83	0	0	9	0	0	79	78	—	—	2.5	- 0.9	14.8	..
	Wana *	045	0	0	00	00	96	02	6	428	73	0	0	9	0	0	67	68						11
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	436	87	0	0	9	0	0	64	71	- 1	- 3	2.0	- 1.6	12.5	..
	Hindubagh *	000	0	0	23	02	98	00	0	434	81	0	0	9	0	0	45	67	—	—	0	—	12.3	..
	Loralai *	000	0	0	27	02	98	00	0	439	75	0	0	9	0	0	57	66	—	—	1.7	—	10.6	14
	Harnai *	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	1.6	- 2.4	13.9	9
	Quetta *	000	0	0	18	02	96	00	0	427	74	0	0	9	0	0	64	65	—	—	0	- 0.9	9.5	8
Kalat	Chaman *	000	0	0	20	03	97	00	0	431	86	0	0	9	0	0	76	75	+ 3	+ 1	0	- 0.1	10.2	7
	Kalat *	000	0	0	23	09	98	00	0	442	86	0	0	9	0	0	51	××	+ 3	×	0	- 1.0	8.4	..
	Nushki *	000	0	0	18	16	96	00	0	499	86	0	0	9	0	0	61	84	—	—	0	—	8.0	4
	Dalbandin *	000	0	0	00	00	94	06	0	416	83	0	0	9	0	0	58	79	+ 1	+ 7	0	- 0.3	4.4	5
	Panjgur *	000	0	0	00	00	88	00	0	460	80	0	0	9	0	0	65	76	+ 3	+ 2	0	—	4.2	12
Afghanistan	Kabul *	000	0	0	00	00	99	80	0	507	65	0	0	9	0	0	57	57	—	—	—	—	—	..
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day. Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 12th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh_LC_MC_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I_d w_d w_d P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ankin	13 209	570 00	7 27 09	98 03 1	068 79	77 4 00	6 5 500	..	0 02 73	1 23 35
Elthomare	13 153	695 00	2 24 13	98 02 1	080 79	21 5 00	2 5 300	..	..	1 25 54
Sirrah	13 203	690 03	4 27 06	98 02 2	072 81	40 7 50	7 5 302	..	0 52 75	1 25 54
Sirrah	13 209	675 06	5 30 06	98 01 2	092 81	12 4 40	7 5 304	..	0 51 77	1 26 54
Sirrah	13 216	662 12	5 26 05	98 02 2	066 82	58 7 00	7 5 704	..	0 51 75	1 26 43
Sirrah	13 222	648 18	5 28 05	98 02 2	078 81	12 4 30	7 5 209	..		

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Peshi ..														
Karachi ..	00 00	999 272 265	..	..	400 238 288	..	140 166 148	440 092 052	929 535 558	685 602 632	968 700	274 935	..	713 215
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	815 225 018	Missing											

At Significant Levels

STATION	Time of ascent in G. M. T.	PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Peshi ..													
Karachi ..	00 00	900 230 230	878 218 218	800 215 198	555 055 005	350 005 805	250 795 999	150 010 999	050 260 999	..	050 260 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Missing											

PPP-Pressure in hundreds tens and units of millibars.
TTT : $T_dT_dT_d$: Dry Bulb : Dew Point temperatures (in tenths of °C.
Sa-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
	2	3	4	5	6	7	8	9	10
Bagra ..	08 05	..	..	..	..	..	..	..	..
Chaldia ..		..							
Chhor ..	24 19	24 08	17 04	07 06	09 10	06 10	03 16	..	..
Chittagong ..	05 08	04 05	34 03	32 04	33 04	..	..	..	..
Cox's Bazar ..	34 07	34 09	32 06	31 06	30 04	33 06	22 05	..	..
Dacca ..	12 05	16 02	22 04	22 06	22 08	25 12	29 11	28 16	30 13
Dalbandin ..	..	..	23 07	23 15	24 11	25 08	26 05	28 02	23 04
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..		..	..	27 15					
Fort Sandeman ..		..		08 05	03 04	32 07	29 12	21 20	..
Jacobabad ..	17 10	18 08	19 08	22 03	35 04	01 16	01 10	34 13	33 10
Jiwani ..	06 01	14 02	14 02	34 04	35 05	31 03	35 04	33 07	32 08
Jhelum ..	19 04	13 08	13 08	06 02	05 07	03 15	02 28		
Karachi ..	24 08	23 10	22 12	20 19	10 11	04 10	04 26	05 16	06 19
Khanpur ..	35 05	34 04	33 02	35 04	36 07	02 13	34 07	29 04	28 04
Lahore ..	13 05	08 05	06 03	36 05	31 08	62 08	26 04		
Multan ..	01 04	04 06	05 06	02 07	01 08	01 13	36 24	34 20	36 20
Muscat ..	..			..	..	..	..	..	..
Panjgur ..	..			..	..	..	..	..	..
Peshawar ..	..	04 12	07 10	10 09	15 11	25 13	30 19	31 12	35 15
Quetta ..	..				36 02	34 06	22 04	23 02	..
Sharjah ..							..	..	..
Sylhet ..	20 04	23 02	29 03	27 10	..		..	..	..
Veraval ..									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0
	11	12	13	14	15	16
Bagra ..	15 11	16 11	18 07	14 02	..	
Chaldia ..						
Chhor ..	23 19	25 24	25 20	21 11	17 08	
Chittagong ..	01 07	01 05	02 09	03 04	09 05	07 07
Cox's Bazar ..	35 09	36 07	01 06	03 05	03 07	04 06
Dacca ..	13 04	12 05	10 03	02 01	28 02	03 03
Dalbandin ..	..	..	18 03	17 06	01 04	30 05
D. I. Khan ..				..		
Drosh ..			..		24 01	24 02
Fort Sandeman ..				26 02	16 02	30 15
Jacobabad ..	21 11	22 13	20 04	20 04	20 05	26 07
Jiwani ..						
Jhelum ..	15 12	17 12	20 04	25 06	31 07	32 13
Karachi ..	20 07	21 03	16 01	31 03	..	
Khanpur ..	27 19	27 24	28 24	28 19		
Lahore ..	22 06	26 13	25 06	28 03	30 09	31 08
Multan ..	16 11	18 13	20 08	21 04	22 03	34 07
Muscat ..	18 07	21 07	22 08	23 12	26 06	32 18
Panjgur ..	..	..		..		
Peshawar ..	..	34 06	34 07	24 17	25 15	32 13
Quetta ..	..	..		..	18 06	30 05
Sharjah ..					..	
Sylhet ..	07 09	07 06	05 03	33 05	32 04	29 04
Veraval ..						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	17	18	19	20	21	22	23	24	25	26	27
Bagra ..	11 04	15 05	..	..	..	..	..	..	..	..	..
Chaldia ..			..		..		..	..	..	..	..
Chhor ..	31 03	04 02	04 05	04 07	05 05	05 07					
Chittagong ..	34 06	01 07	01 05	01 04	36 07	09 06	11 05	07 04	..	..	..
Cox's Bazar ..	36 03	36 01	08 01	11 02	16 04	12 03	29 03	05 03	05 03	..	..
Dacca ..		..	29 04	17 03	13 04	12 01	16 06	18 14	18 15	..	..
Dalbandin ..										..	..
D. I. Khan ..					26 02	35 10	06 06	14 07	11 09		
Drosh ..				22 02	01 05	33 06	30 17	26 16	26 12	20 07	23 06
Fort Sandeman ..	20 13	20 12	20 12	21 13	21 12	22 13	33 19	01 25	01 25	05 18	15 15
Jacobabad ..											
Jiwani ..	35 04	01 06	02 04	03 02	02 09	03 05	..	..	..	..	..
Jhelum ..	19 07			..	..	..	..	..	..	..	..
Karachi ..	25 25	25 22	26 22								
Khanpur ..	24 13	24 18	24 15	25 08	28 05	36 08	36 11	31 08	21 06	27 05	25 06
Lahore ..	09 08	10 10	09 08	00 03	01 03	33 12	33 07	30 05	25 05	..	..
Multan ..	17 03	19 04	19 16	22 10	22 02	36 04	..	..	..	..	..
Muscat ..	..			..	..	..	..	..	..	..	..
Panjgur ..	..	04 04	34 03	26 03	26 06	29 13	32 12	31 08	30 13	27 22	26 19
Peshawar ..	..		..	..	34 05	32 11	21 13	28 09	31 06	26 04	22 12
Quetta ..	..	..	..	..	..	..	..	..	..	..	..
Sharjah ..		..	..	..	..	..	..	..	..	..	..
Sylhet ..		..	..	..	..	..	..	..	..	..	..
Veraval ..											

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 17	26 23	26 22	30 14	36 06	33 06	04 29	07 27	08 21	08 06	08 06	09 10	17 07	10 18	13 14	09 17	09 25	09 39
Peshawar ..																		
Quetta ..																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

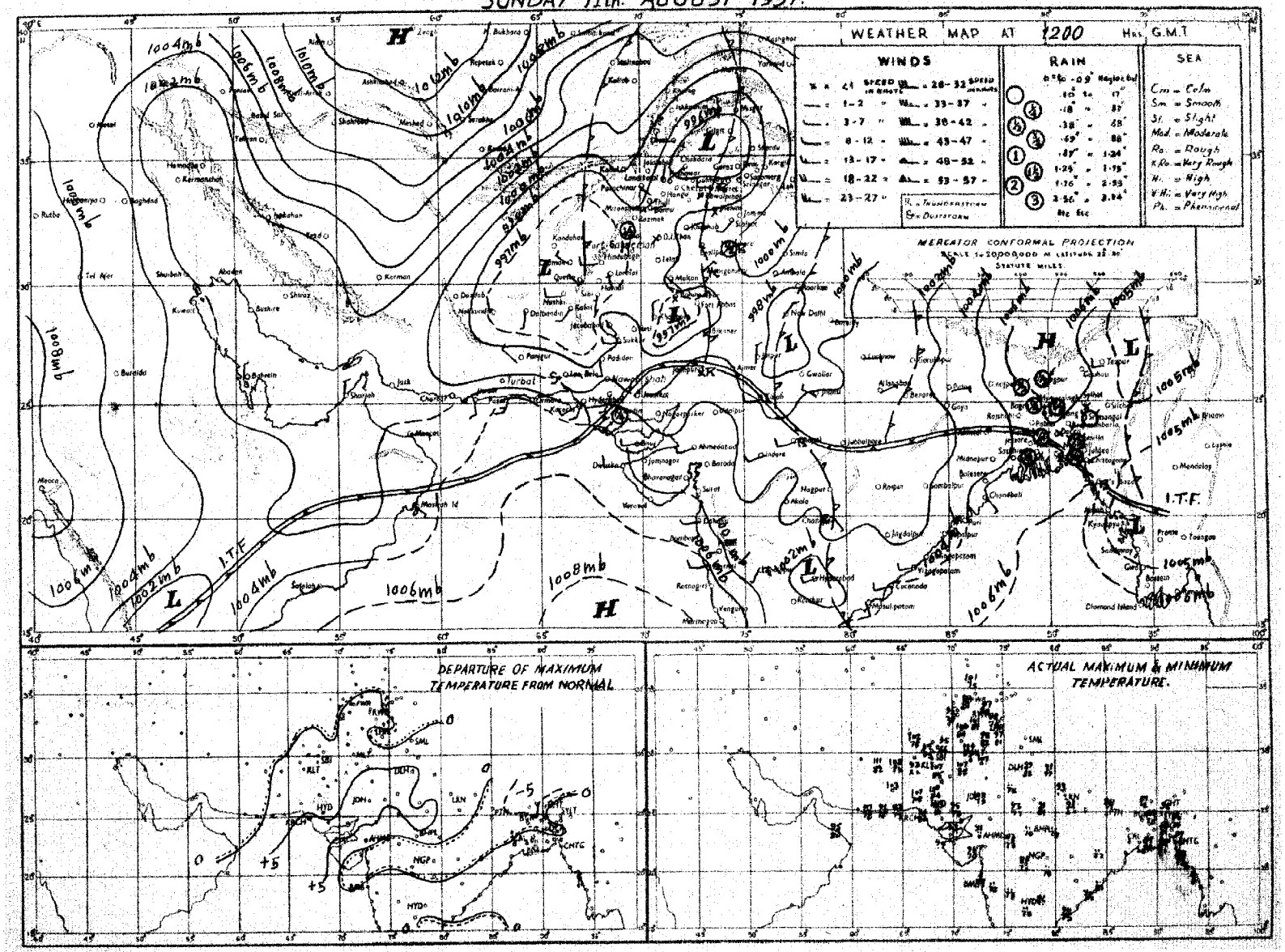
Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

11712 63606

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.

PAKISTAN DAILY WEATHER MAP

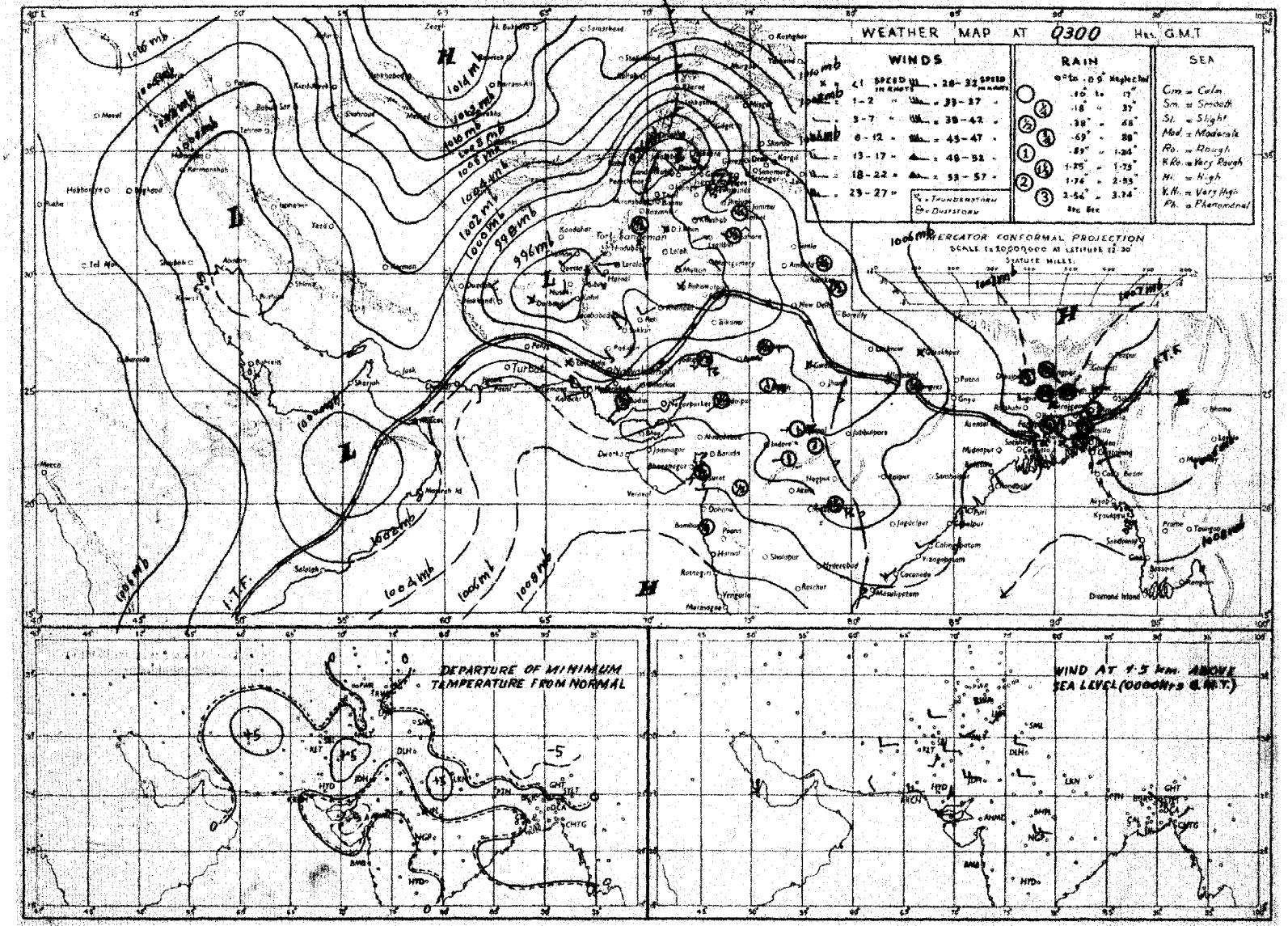
SUNDAY 11th: AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 12th. AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

TUESDAY, THE 13th AUGUST, 1957.

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

A low pressure wave is moving across the extreme north of West Pakistan. Thunderstorm/showers have been fairly widespread in Rawalpindi division, local in Peshawar divisions and scattered in Lahore, Multan and Bahawalpur divisions.

Yesterday's easterly low pressure wave over Burma is now passing across northwest Bay of Bengal. Local rain has fallen in East Pakistan.

Chief amounts of rainfall are:—Rawalpindi 4"; Jhelum 2"; Mymensingh and Murree 1½" each; Lyallpur and Kakul 1" each; Campbellpur ¾"; Maijdee Court and Haripur ½" each and Comilla, Dacca, Khulna, Sialkot, Khanpur, Drosh and Chakdara ¼" each.

Day temperatures:—were 3-6°F above normal over West Pakistan outside Rawalpindi, Hyderabad and south Kalat divisions and were 3-4°F above normal in the southern parts of East Pakistan.

Forecast valid until the evening of 14th:—Thunderstorms/showers will be fairly widespread in Lahore and Rawalpindi divisions and in Kashmir, local in Peshawar division and scattered in Multan, Bahawalpur and D. I. Khan divisions. Local rain will also fall in East Pakistan.

Heavy Rainfall Warning:—Locally moderate to heavy rain will fall in Rawalpindi and Lahore divisions during next 24 hours.

Karachi-11.
The 13th August. 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director Meteorological Service.

Divisions	Station	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature° (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F. (Td'd)	Maximum temperature °F. (TxTx)
Chittagong	Cox's Bazar	000	3	7	11	02	95	60	6	030	84	7	4	7	1	0	78	88
	Chittagong	000	0	6	25	09	96	03	2	027	86	4	5	6	3	0	76	90
	Maijdee Court	011	6	4	00	00	97	01	5	020	83	0	0	9	2	1	77	92
	Comilla	017	4	9	00	00	99	03	6	027	86	2	4	5	3	0	78	91
	Brahmanbaria	000	0	9	00	00	97	03	2	021	87	2	4	5	0	5	76	91
	Sylhet	000	0	5	27	02	97	03	1	019	83	1	2	6	0	2	79	90
	Srimangal	000	0	2	00	00	97	03	1	019	85	1	1	7	0	1	76	90
Dacca	Mymensingh	000	0	4	27	02	98	02	2	025	89	4	7	5	0	0	76	92
	Narayanganj	007	2	6	00	00	94	03	6	021	84	5	4	5	3	9	80	91
	Dacca (Tejgaon)	033	5	7	23	02	98	21	6	018	83	3	2	5	2	1	80	91
	Faridpur	000	8	6	16	02	96	01	2	029	87	4	4	7	1	0	79	88
	Barisal	000	3	8	00	00	96	03	9	025	84	8	0	9	6	×	77	90
Rajshahi	Khulna	030	2	4	00	00	97	01	6	022	85	2	4	7	×	×	79	91
	Satkhira	000	0	6	00	00	97	03	2	031	86	4	5	7	9	0	78	92
	Jessore	000	4	6	13	02	97	02	5	19	87	4	8	6	6	0	81	90
	Sirajganj	000	0	4	00	00	97	00	0	015	85	1	6	0	1	×	78	88
	Bogra	010	6	4	00	00	96	02	6	021	86	4	4	6	0	0	79	87
	Dinajpur	000	0	0	00	00	96	00	2	027	81	0	0	9	0	0	78	88
	Rangpur	005	5	1	05	02	96	01	6	×××	86	1	5	6	0	0	79	87
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	5	6	00	00	96	03	2	958	92	5	3	6	2	1	77	97
	Sialkot	000	3	4	31	02	98	02	1	956	95	2	1	6	3	×	80	97
Rawalpindi	Jhelum	000	6	2	00	00	98	01	9	953	94	1	1	7	0	1	74	94
	Rawalpindi	175	9	5	00	00	98	03	9	948	87	5	2	7	2	0	71	88
	Khushab																	
Multan	Lyallpur	000	0	0	00	00	96	00	0	955	97	0	0	9	0	0	79	98
	Montgomery	000	0	2	00	00	96	01	1	937	07	2	1	8	0	0	74	02
	Multan	000	1	0	23	07	96	07	0	945	95	–	–	9	–	–	83	××
Bahawalpur	Leiah																	
	Khanpur	000	0	1	27	05	96	01	1	928	07	1	3	8	0	0	73	88
	Bahawalpur	000	0	7	00	00	96	02	0	930	05	7	7	7	0	0	77	05
	Fort Abbas	000	0	8	23	03	96	02	2	934	93	8	1	6	×	×	69	01
Peshawar	Chakdara	000	0	2	23	××	98	03	1	910	89	2	2	7	0	×	63	96
	Peshawar	000	0	7	23	10	96	03	2	914	97	3	5	7	3	2	71	01
	Haripur	000	9	6	00	00	97	03	2	934	95	6	1	6	×	×	73	96
	Campbellpur	000	0	6	00	00	98	03	1	952	00	6	0	8	5	0	73	00
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	935	92	0	0	9	0	0	71	02
	D.I. Khan	000	6	3	06	02	98	03	0	043	98	0	0	9	0	3	75	06
Quetta	Sibi	000	0	0	00	00	98	00	0	911	12	0	0	9	0	0	70	14
Kalat	Nokkundi	000	0	0	34	09	98	02	0	918	05	0	0	9	0	0	31	07
	Turbat	000	0	0	23	02	97	00	0	991	93	0	0	9	0	0	82	03
	Jiwani	000	0	7	18	14	97	02	2	002	84	7	5	5	0	0	74	87
	Pasni	000	0	2	23	19	96	00	0	022	85	2	5	7	0	0	75	87
	Ormara	000	0	3	××	17	98	01	1	006	87	3	0	9	4	0	81	87
	Las Bela	000	0	0	13	06	97	00	7	997	05	0	0	9	0	0	73	03
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	25	12	97	02	1	999	89	2	6	4	5	0	82	90
	Karachi (Air port)	000	0	7	25	16	96	02	2	001	87	6	5	0	0	0	78	89
	Badin	000	0	6	23	02	97	20	3	004	88	6	6	7	0	0	72	91
	Nagarparker																	
	Umarkot	000	0	0	23	03	97	00	0	064	94	0	0	9	0	0	80	97
	Hyderabad	000	0	6	20	14	96	03	1	979	93	0	0	9	4	0	73	97
Khairpur	Padi-idan	000	0	0	13	13	97	00	0	936	06	0	0	9	0	0	68	09
	Nawabshah	000	0	0	18	12	97	02	0	953	00	0	0	9	0	0	73	05
	Sukkur	000	4	0	20	03	96	00	0	927	04	0	0	9	0	0	78	05
	Kashmore	000	0	0	13	04	99	00	0	933	07	0	0	9	0	0	71	××
	Jacobabad	000	0	0	13	07	96	02	0	927	06	0	0	9	0	0	71	07
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	990	84	0	0	9	0	0	75	87
	Kuwait																	
Kashmir	HILL STATIONS																	
	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Phagar **																	
	Allahad *																	
	Gilgit *																	
Peshawar	Murree *	026	8	6	27	03	97	02	9	410	70	6	3	4	0	0	65	72
	Drosh *	000	1	6	23	09	96	17	9	366	90	3	9	6	4	0	53	87
	Chartse *	000	6	4	18	02	96	02	1	400	87	1	2	6	3	0	68	87
	Kakul *	000	8	5	20	02	99	03	2	405	82	5	4	8	0	0	70	84
	Landi Kotal *	005	3	6	05	02	97	03	9	383	79	6	1	6	5	0	61	93
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	796	82	0	0	9	0	0	62	××
	Miranshah *	000	0	0	00	00	99	00	0	930	92	0	0	9	0	0	89	95
	Wana *	000	0	0	09	02	98	20	0	400	88	0	0	9	0	0	66	91
Quetta	Fort Sandeman *	000	0	5	36	04	96	02	3	437	94	3	2	9	0	0	64	00
	Hindubagh *	000	0	5	27	05	98	03	0	380	92	5	2	7	0	0	41	96
	Loralai *	000	0	6	16	05	××	02	1	467	91	0	0	9	5	0	60	95
	Harnai *	000	0	0	09	01	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	3	27	02	96	01	0	374	94	2	4	8	0	0	68	96
Kalat	Chaman *	000	0	0	25	07	96	05	3	404	00	0	0	9	0	0	81	02
	Kalat *	000	4	4	02	09	98	03	0	405	81	2	0	6	2	0	47	91
	Nushki *	000	0	0	36	09	95	00	0	476	06	0	0	9	0	0	42	07
	Dalbandin *	000	3	5	23	03	94	06	1	408	05	1	0	9	0	0	56	07
Afghanistan	Panjgur *	000	0	0	23	05	98	00	0	429	02	0	0	9	0	0	46	02
	Kabul *	000	0	2	36	05	99	03	0	451	85	2	1	9	0	0	66	96
	Kandahar *																	

Divisions	Station	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature°F. (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F. (TdTd)	Minimum temperature °F. (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Departure from Normal of: Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1957 to date	Rainfall: Annual normal
Chittagong	Cox's Bazar	002	9	5	05	02	96	01	6	059	86	1	3	8	0	6	81	78	+ 3	+ 2	88.2	+ 9.5	99.1	140
	Chittagong	009	9	5	36	05	97	01	6	056	87	3	4	7	2	0	77	79	+ 5	+ 3	50.3	– 3.1	57.7	108
	Maijdee Court	060	6	3	00	00	96	02	6	048	83	6	0	9	2	0	79	78	+ 6	0	40.5	– 14.4	48.7	115
	Comilla	027	4	6	00	00	99	03	6	058	84	3	4	5	3	0	78	78	– 4	+ 1	31.7	– 10.5	43.5	94
	Brahmanbaria																		—					78
	Sylhet	000	0	7	09	02	97	02	2	059	82	2	4	6	4	7	75	78	—	—	55.9	—	106.4	
	Srimangal	015	8	6	00	00	97	02	9	06'	83	4	1	7	0	2	76	75	0	– 1	41.9	+ 3.2	68.5	98
Dacca	Mymensingh	127	3	8	00	00	95	60	6	067	77	8	6	3	×	×	75	76	+ 4	– 2	41.2	+ 1.1	55.2	91
	Narayanganj	007	9	8	09	02	95	03	6	057	85	1	1	7	7	×	79	80	+ 4	+ 1	34.6	+ 3.8	50.8	74
	Dacca (Tezgaon)	033	4	8	13	02	97	02	6	050	85	2	5	5	1	1	79	81	—	—	18.4	—	53.4	
	Faridpur	000	9	8	07	02	96	03	0	056	85	8	5	6	×	×	81	80	+ 1	+ 1	33.8	+ 3.0	45.9	71
	Barisal	000	0	6	00	00	96	02	2	055	83	6	0	9	4	0	79	82	+ 3	+ 4	28.3	– 9.4	45.5	81
Rajshahi	Khulna	030	0	8	00	00	97	02	6	053	88	8	5	7	×	×	79	80	+ 3	+ 2	30.9	– 1.7	38.9	68
	Satkhira	016	0	6	00	00	98	03	2	048	86	4	5	8	9	0	81	79	+ 4	+ 1	25.3	– 5.2	31.1	85
	Jessore	000	0	8	13	05	97	03	2	053	84	8	4	6	×	×	81	81	—	—	32.9	+ 3.5	36.3	65
	Sirajganj	000	0	8	00	00	96	02	2	053	83	8	4	6	×	×	80	81	+ 1	+ 2	45.2	+ 16.6	56.2	64
	Bogra	014	0	3	09	02	98	01	6	047	88	8	9	3	0	0	80	78	– 1	+ 14.7	45.7	+ 14.7	53.2	69
	Dinajpur	000	1	2	00	00	96	01	1	054	87	2	0	9	4	0	79	73	– 1	– 4.6	34.5	– 4.6	37.9	72
	Rangpur	005	0	2	13	02	96	03	0	×××	86	2	4	6	0	0	79	78	– 2	0	40.7	+ 1.6	49.5	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	9	8	09	03	96	03	2	015	80	6	5	6	2	×	76	76	– 1	– 3	8.3	– 1.0	16.9	19
	Sialkot	019	9	8	05	03	98	60	2	025	76	8	7	6	×	×	75	75	+ 3	– 3	9.8	– 5.2	33.0	32
Rawalpindi	Jhelum	217	7	8	00	00	96	29	9	030	73	1	3	5	2	×	72	71	—	—	9.2	—	20.0	
	Rawalpindi	358	9	8	00	00	98	97	9	033	75	8	2	6	×	×	73	68	– 6	– 7	11.3	– 3.1	27.3	36
	Khushab	000																						15
Multan	Lyallpur	090	5	7	05	02	96	03	9	004	80	7	3	8	0	0	78	76	0	– 4	5.7	– 0.1	11.8	13
	Montgomery	000	0	5	13	02	97	01	1	995	84	3	5	7	0	2	75	81	+ 1	– 1	0.2	– 5.1	4.0	10
	Multan	000	0	4	13	02	96	01	2	993	83	1	1	7	1	1	74	77	—	– 6	0.7	– 2.7	4.1	7
Bahawalpur	Leiah																							8
	Khanpur	022	9	7	27	03	97	02	9	996	87	0	0	9	3	4	84	77	+ 7	– 4	0.2	– 3.4	1.2	6
	Bahawalpur	008	9	8	00	04	97	03	2	008	86	8	0	9	6	×	74	80	+ 4	– 1	1.0	– 2.4	2.3	6
	Fort Abbas	000	0	0	23	03	9	00	0	000	87	0	0	9	0	0	72	83	—	—	1.6	—	4.5	9
Peshawar	Chakdara	035	0	8	00	00	97	03	1	000	73	8	0	7	7	×	71	57	—	—	20.7	—	18.2	
	Peshawar	009	0	7	23	10	96	03	2	009	77	3	6	6	3	×	71	73	– 3	– 6	1.5	– 1.3	12.6	14
	Haripur	052	9	8	23	02	97	03	6	001	73	8	5	6	0	×	71	72	—	—	3.6	—	17.7	
	Campbellpur	083	5	8	13	02	99	02	6	025	73	8	4	6	×	×	70	73	—	—	3.4	—	18.8	
D.I. Khan	Bannu	000	3	6	13	02	98	03	1	000	83	6	0	9	8	0	79	81	—	—	1.5	—	8.6	11
	D.I. Khan	000	3	7	05	02	97	02	1	977	83	7	7	8	0	0	74	80	+ 6	– 1	2.0	– 1.9	7.6	10
Quetta	Sibi	000	0	0	00	00	99	00	0	992	91	0	0	9	0	0	72	91	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	34	09	98	02	0	962	89	0	0	9	0	0	37	83	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	98	00	0	003	82	0	0	9	0	0	74	82	—	—	2.5	—	5.9	
	Jiwani	000	0	8	18	10	96	02	4	017	81	8	7	4	×	×	74	79	—	—	0	—	3.1	4
	Pasni	000	0	6	29	03	96	02	0	046	80	6	5	7	0	0	76	79	+ 1	+ 3	0	– 0.7	0.2	6
	Ormara	000	0	8	××	××	98	03	1	036	81	8	0	9	2	×	78	79	—	—	0	– 0.7	9.8	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	05	96	03	2	018	81	3	7	5	7	×	78	78	+ 5	– 1	0.5	– 4.3	0.9	8
	Karachi (Air port)	002	2	8	27	12	96	50	6	018	78	8	6	5	2	×	77	77	—	—	0.7	—	1.1	7
	Badin	000	0	0	23	02	96	00	0	022	83	0	0	9	0	0	75	××	– 1	—	0.4	– 4.9	0.4	9
	Nagarparker																							
	Umarkot	000	0	6	23	03	97	00	0	997	82	0	0	9	2	0	75	79	—	—	2.8	—	2.8	7
	Hyderabad	000	0	6	23	14	96	07	1	998	83	1	5	6	0	2	73	79	+ 2	0	0.2	– 4.3	2.0	
Khairpur	Padi-idan	000	0	6	13	05	98	01	2	976	85	0	0	9	0	2	71	81	—	—	0	—	1.2	
	Nawabshah	000	0	0	09	02	98	00	0	981	83	0	0	9	0	5	73	81	—	—	0.1	—	2.9	4
	Sukkur	000	0	0	13	04	96	00	0	986	86	5	2	6	0	0	76	84	—	—	—	—	—	
	Kashmore	000	0	0	13	07	96	02	0	994	84	4	0	9	7	0	7	81	+ 3	– 1	0	– 1.9	3.5	4
	Jacobabad																							20
Junagarh	Veraval																							
Afghanistan	Jalalabad																							
Arabia	Muscat	000	0	0	00	00	99	00	0	992	84	0	0	9	0	0	78	82	– 3	– 2	0	– 0.1	6.9	4
	Kuwait																							
Kashmir	HILL STATIONS																							26
	Srinagar *																							
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							
	Phagar **																							
	Allahad *																							5
	Gilgit *																							56
Peshawar	Murree *	1 8	6	8	05	03	96	61	9	431	58	8	9	3	×	×	56	57	+ 1	0	18.3	– 5.7	52.2	18
	Drosh *	025	9	2	00	10	96	01	9	433	75	2	5	6	0	0	63	65	—	—	1.1	—	23.2	29
	Chartse *	000	0	8	18	03	95	42	4	436	65	8	6	6	×	×	64	65	—	—	3.3	– 3.8	24.0	
	Kakul *	104	7	7	34	03	98	21	6	436	66	7	7	7	0	0	65	65	—	—	7.5	—	35.0	
	Landi Kotal *	005	9	2	02	02	97	03	9	425	74	0	0	9	0	5	66	72	—	—	0.8	—	18.0	
D.I. Khan	Parachinar *	000	0	3	00	00	99	02	0	794	72	3	8	8	0	0	57	××	×	—	5.9	—	23.0	29
	Miranshah *	000	0	0	00	00	99	00	0	483	81	0	0	9	0	0	77	76	—	—	2.5	– 0.9	14.8	13
	Wana *	000	0	0	00	00	96	00	0	428	75	0	0	9	0	0	65	72	—	—	1.5	—	13.5	
Quetta	Fort Sandeman *	000	0	0	23	02	96	00	0	426	80	0	0	9	0	0	64	72	+ 1	– 2	2.0	– 1.7	12.5	12
	Hindubagh *	000	0	0	27	02	98	00	0	445	78	0	0	9	0	0	48	65	—	—	0	—	12.3	
	Loralai *	000	0	0	23	02	98	00	0	445	78	0	0	9	0	0	64	73	—	—	1.7	—	10.6	
	Harnai *	000	0	6	27	01	97	00	1	×××	××	0	0	9	0	0	××	××	—	—	1.6	– 3.5	13.9	14
	Quetta *	000	0	0	16	03	94	06	0	409	74	0	0	9	0	0	69	68	—	—	0	– 0.9	9.3	9
Kalat	Chaman *	000	0	0	11	05	97	00	0	417	79	0	0	9	0	0	73	75	+ 3	+ 1	0	– 0.1	10.2	8
	Kalat *	000	0	0	00	00	98	00	0	432	73	0	0	9	0	0	52	62	+ 1	+ 4	0	– 1.1	8.4	7
	Nushki *	000	0	0	29	05	97	00	0	481	85	0	0	9	0	0	46	84	—	—	0	—	8.0	
	Dalbandin *	000	0	0	31	03	94	06	1	408	85	0	0	9	0	0	46	79	0	+ 7	0	– 0.3	4.4	4
Afghanistan	Panjgur *																		+ 2					5
	Kabul *	000	0	0		03	99	00	0	499	61	[illegible]	0	9	0	0	53	53	—	—	—	—	—	12
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 13th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	D_sV_s s PP	8 $N_sC h_sh_s$	O $T_sT_sT_dT_d$	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Friesland	23 199	587 12	7 19 16	97 02 2	004 24	71 3 ××	5 4 710	0.0 322	..	7 19 44
Sirrah	23 243	604 12	2 21 10	98 02 0	201 27	11 7 01	7 5 720	0 5 02x	..	1 18 25

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Jessore ..														
Karachi ..	00 00	909 282 265	512 122 018	..	400 182 175	..	107 182 058	719 608 405	882 540 999	594 645 999	975 730	258 942	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	017 025 705	Missing											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Jessore ..													
Karachi ..	00 00	990 205 205	800 192 142	788 202 135	732 162 078	690 198 102	625 072 808	575 052 578	452 565 999	350 675 999	250 838 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Missing											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C,
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	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
Bagra ..	16 02	14 03	10 03	..	..	..	..	..	..	17 05	19 03	16 04	12 04	11 04	17 05	..	..	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	21 23	23 22	23 18	19 06	..	..	..	..	..	21 21	22 23	23 23	..	..	..	..	..	..	..	..	..	—	..	..	..	..
Chittagong ..	25 08	25 05	34 01	04 02	05 05	04 03	21 05	17 02	33 03	03 07	02 06	05 07	06 06	06 05	..	11 05	15 05	18 10	18 13	..	..	..	..	..	..	..
Cox's Bazar ..	26 03	36 01	01 03	01 03	12 04	15 05	15 04	..	..	01 11	01 06	10 02	15 08	12 06	12 09	15 03	15 06	17 10	15 14	13 14	12 11	11 10	10 03	06 05	14 06	..
Dacca ..	28 01	09 01	09 01	19 02	24 03	25 02	08 07	08 08	08 09	22 02	21 02	15 03	07 02	11 03	11 01	09 06	09 09	11 08	13 06	13 04	03 09	35 10	..	..	..	..
Dalbandin ..	..	..	15 05	19 06	20 07	20 09	..	..	..	..	..	22 05	13 04	31 06	31 07	..	..	24 08	24 12	24 11	22 08	19 15	18 21	..	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	23 13	22 15	22 10	..	..	..	..	..	..	..	22 06	21 08	..	..	..	..	22 07	21 11	22 16	21 17	19 18	19 12	..
Fort Sandeman ..	..	..	..	14 09	18 06	25 07	29 25	31 21	..	..	..	..	05 09	21 07	28 17	..	..	..	05 02	03 04	33 05	28 12	23 21	27 15	28 05	26 12
Jacobabad ..	18 18	16 19	19 19	19 13	22 09	02 10	32 10	28 11	31 14	12 25	13 24	13 15	17 13	23 07	..	11 08	08 07	04 03	19 07	21 04	36 09	05 06	13 05	21 07	..	..
Jessore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Multan ..	21 02	20 04	12 04	05 03	35 03	18 03	35 11	30 06	29 06	31 16	01 19	05 12	13 21	..	..	10 23	09 25	09 23	05 12	..	..	..	..	..	..	..
Nwani ..	20 12	..	..	..	..	..	..	..	..	22 09	21 08	..	..	..	..	18 10	15 06	14 03	29 10	..	..	..	..	..	..	..
Karachi ..	25 23	25 27	26 28	..	..	..	..	..	..	28 21	28 29	..	..	..	..	27 25	..	..	..	..	..	..	..	..	..	..
Khanpur ..	25 12	24 12	22 15	21 13	21 08	36 09	33 17	31 08	30 08	20 31	19 45	19 44	21 20	21 20	..	22 08	23 09	22 13	19 10	19 07	16 06	32 06	..	..	..	..
Lahore ..	10 04	13 07	14 06	15 07	10 04	34 10	34 21	35 17	34 14	10 13	14 15	15 15	..	..	..	12 17	13 15	13 19	13 16	..	..	..	..	..	..	..
Multan ..	22 13	20 12	18 12	18 12	15 09	27 05	30 12	30 18	28 14	19 19	20 29	21 32	23 43	..	..	15 02	21 03	20 04	25 07	21 12	22 08	29 10	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	27 13	28 24	27 22	25 26	18 17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	28 13	27 10	29 07	27 06	30 08	..	..	..	..	21 05	25 17	..	..	..	..	19 01	28 07	28 07	26 06	28 04	01 06	27 09
Sharjah ..																										
Sylhet ..	27 09	27 06	27 02	30 03	32 03	23 04	06 07	08 12	11 11	09 06	10 03	10 03	02 02	02 06	10 03	10 04	08 04	07 05	09 04	10 04	12 06	08 10	06 07	05 09	..	..
Varavai ..																									..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 19	27 25	27 22	30 15	30 13	02 12	04 13	04 14	06 09	14 02	36 08	08 08	08 12	11 13	12 18	07 14	11 31	11 24
Peshawar ..																		
Quetta ..																		

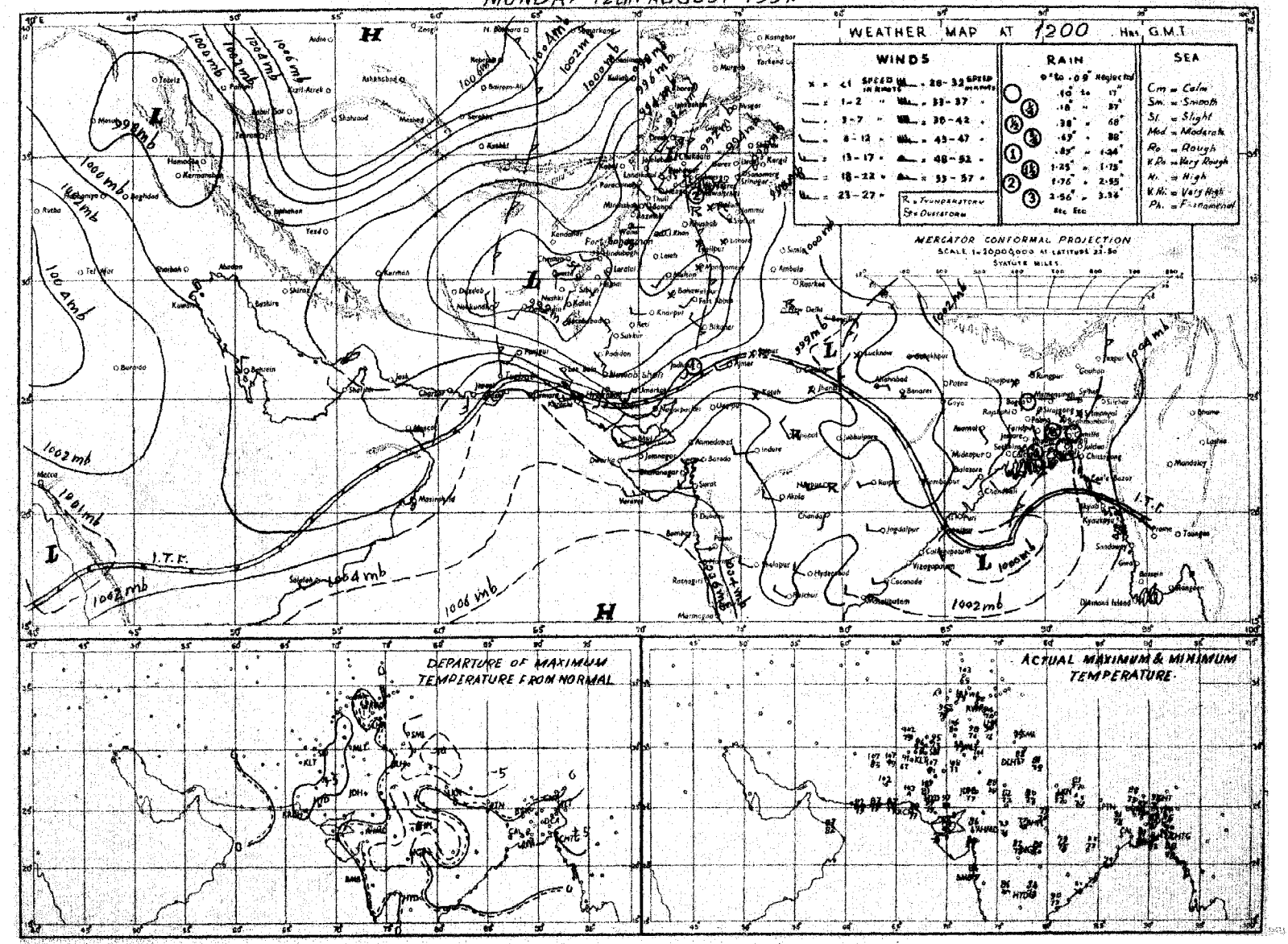
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_Ev_E$ etc)

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.

PAKISTAN DAILY WEATHER MAP

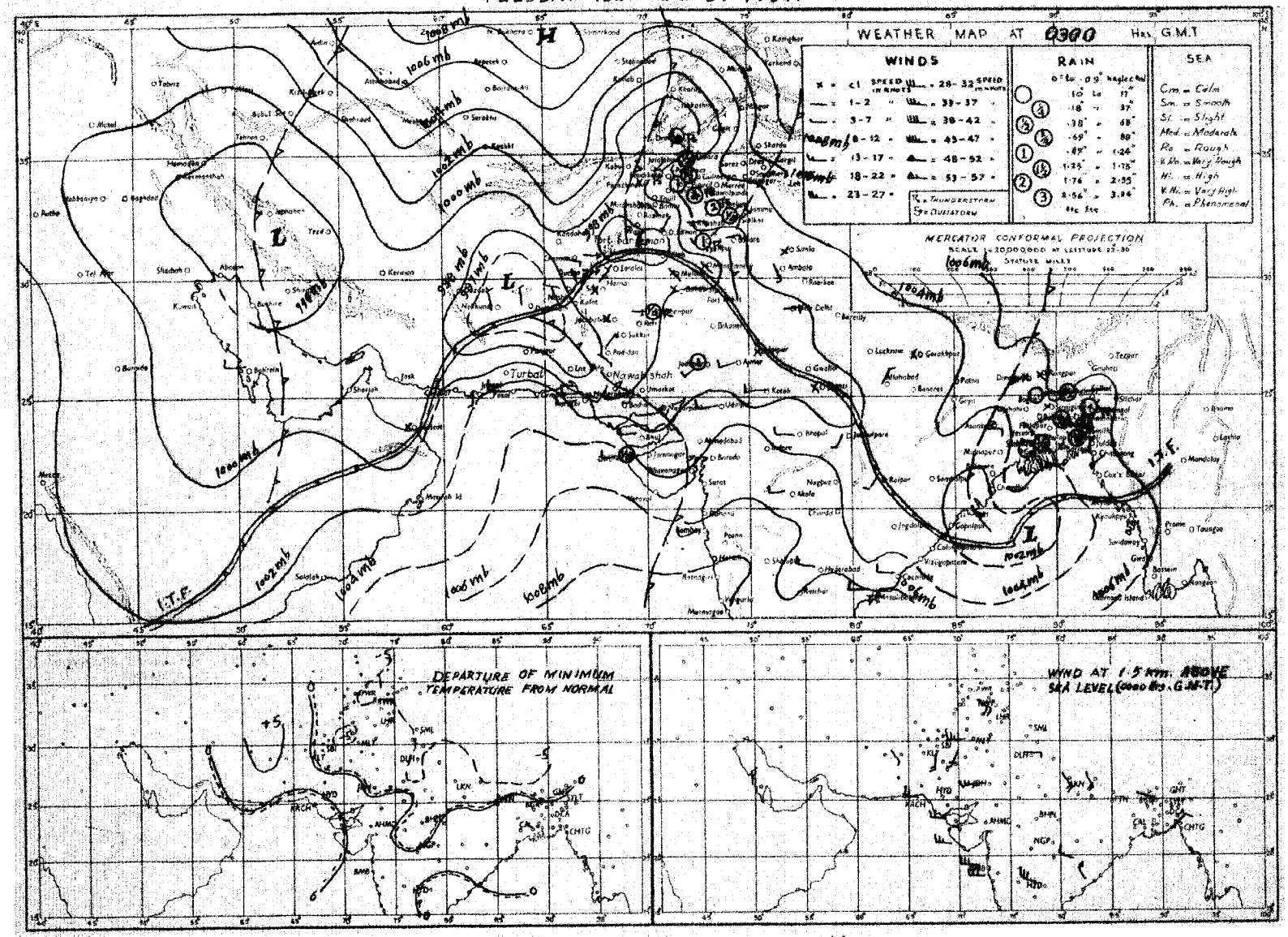
MONDAY 12th: AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 13th AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1457

WEDNESDAY, THE 14th AUGUST, 1957.

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

Yesterday's low pressure wave is passing away eastwards across eastern Kashmir . . ile another is moving to the north of Afghanistan. Rain/thundershowers have been fairly widespread in Lahore and Rawalpindi divisions and scattered in Multan and Peshawar divisions.

Axis of Monsoon trough extends from east Rajisthan to the northwest Bay of Bengal. Fairly widespread rain/thundershowers have occurred in Chittagong and Dacca divisions and scattered in Rajshahi division.

Chief amounts of rainfall are:—Chittagong 4"; Narayanganj, Dinajpur and Lahore 2" each; Maijdee Court, Sylhet and Srimangal 1" each; Dacca and Barisal ¾" each; Cox's Bazar, Rawalpindi and Lyallpur ½" each and Comilla, Mymensingh, Jessore and Jhelum ¼" each.

Day temperatures:—were 6-12 °F below normal in West Pakistan outside Kalat, Khairpur and Hyderabad divisions and the Federal Capital Area and were generally 3-5°F above normal in East Pakistan.

Forecast valid until the evening of 15th:—Rain/thundershowers will be fairly widespread in Lahore and Rawalpindi divisions, local in East Pakistan and scattered in Peshawar and D. I. Khan divisions and in Kashmir. A few dust/thunderstorms are also expected in Multan and Khairpur divisions.

Karachi-11.
The 14th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director. Meteorological Service.

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amounts (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature° (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature ° °F. (TdTd)	Maximum temperature °F. (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	3	7	00	00	96	17	9	024	85	7	4	6	2	0	78	91
	Chittagong ..	000	0	6	23	09	96	03	2	026	88	4	5	6	4	0	76	93
	Maijdee Court	000	9	7	00	00	96	17	2	022	87	2	5	5	1	1	79	90
	Comilla ..	000	0	4	00	00	99	03	0	013	91	3	4	5	3	0	81	94
	Brahmanbaria ..	000	0	6	36	02	97	13	1	018	88	4	0	6	4	4	78	90
	Sylhet ..	000	0	7	00	00	97	02	2	017	89	4	5	6	2	8	79	92
	Srimangal ..	000	0	7	00	00	97	03	1	017	88	7	4	6	0	0	80	92
Dacca	Mymensingh ..	028	8	6	00	00	98	20	6	026	88	4	2	5	0	4	78	89
	Narayanganj ..	000	9	6	00	00	95	03	1	019	90	7	2	7	3	1	79	91
	Dacca (Tejgaon) ..	000	9	5	23	02	98	02	2	015	89	1	1	6	0	2	79	90
	Faridpur ..	000	8	4	16	02	96	01	1	019	87	2	4	8	1	0	79	90
	Barisal ..	000	0	6	00	00	96	02	2	017	90	7	0	9	4	3	80	91
Rajshahi	Khulna ..	000	0	4	00	00	97	01	2	022	88	2	5	7	3	0	79	90
	Satkhira ..	000	0	4	00	00	98	01	1	016	87	2	3	8	6	0	81	92
	Jessore ..	000	4	6	09	03	97	02	5	30	86	4	4	6	6	0	81	90
	Sirajganj ..	000	0	4	00	00	96	00	0	016	81	0	0	9	0	1	80	87
	Bogra ..	000	0	6	00	00	96	02	0	019	86	6	4	6	0	0	79	89
	Dinajpur ..	000	2	6	00	00	96	02	2	026	88	6	4	7	0	0	80	94
	Rangpur ..	000	0	3	18	02	96	03	0	×××	91	3	4	6	0	0	88	92
Kashmir	Jammu ..																	
Lahore	Lahore (Jail Rd.) ..	031	9	7	00	00	96	03	9	003	78	4	2	6	1	0	76	87
	Sialkot ..	005	1	8	05	02	97	20	5	000	79	8	5	5	×	×	76	81
Rawalpindi	Jhelum ..	034	5	7	13	03	98	01	6	009	84	2	2	6	5	0	75	85
	Rawalpindi ..	045	9	2	13	02	99	01	1	996	83	2	2	7	0	0	55	85
	Chakwal ..	008	5	3	07	07	99	09	1	006	85	3	2	6	0	0	76	85
Multan	Lyallpur ..	000	0	0	13	02	96	00	0	006	80	0	0	9	0	0	76	81
	Montgomery ..	000	0	6	05	07	96	02	0	989	86	6	5	7	0	0	74	92
	Multan ..	000	0	1	23	02	96	01	0	981	96	0	0	9	0	1	75	97
Bahawalpur	Leiah ..																	
	Khanpur ..	000	0	0	05	02	96	00	0	969	95	0	0	9	0	0	76	97
	Bahawalpur ..	000	0	3	00	00	97	02	0	972	97	3	0	9	1	0	75	99
	Fort Abbas ..	000	0	6	27	02	97	01	0	976	96	6	1	6	0	0	73	98
Peshawar	Chakdara ..	000	0	2	00	××	98	01	1	963	85	2	2	7	0	×	70	87
	Peshawar ..	015	8	5	05	03	97	03	6	981	89	3	5	6	3	0	71	89
	Haripur ..	000	9	5	05	02	97	03	2	989	77	5	1	6	×	×	62	88
	Campbellpur ..	000	0	4	13	05	99	03	1	995	87	3	3	6	0	2	74	87
D.I. Khan	Bannu ..	000	5	6	13	02	98	03	1	985	89	6	0	8	7	0	72	92
	D.I. Khan ..	000	6	5	05	02	97	03	0	990	93	5	5	9	0	0	73	97
Quetta	Sibi ..	000	0	0	23	01	99	00	0	944	04	0	0	9	0	0	74	05
	Nokkundi ..	000	0	0	34	09	98	02	0	927	03	0	0	9	0	0	24	05
	Turbat ..	000	0	0	23	03	97	00	0	987	93	0	0	9	0	0	81	01
Kalat	Jiwani ..																	
	Pasni ..	000	0	0	25	17	96	00	0	014	85	0	0	9	0	0	76	87
	Ormara ..	000	0	0	××	09	98	00	0	014	86	0	0	9	0	0	82	88
	Las Bela ..																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	8	7	25	12	97	03	5	994	88	8	7	5	7	0	84	89
	Karachi (Air port)	000	0	7	25	14	96	02	5	999	84	7	6	4	0	0	77	87
	Badin ..	000	0	8	23	02	××	××	×	992	03	6	0	4	8	4	75	04
	Nagarparker ..																	
	Umarkot ..	000	0	0	23	03	97	00	0	976	95	0	0	9	0	0	78	98
	Hyderabad ..	000	0	2	23	12	96	07	2	976	96	0	0	9	0	2	69	98
Khairpur	Padidan ..	000	0	1	18	02	98	01	1	947	04	0	0	9	0	1	71	09
	Nawabshah ..	000	0	2	00	00	97	02	0	960	01	0	0	9	0	1	72	04
	Sukkur ..	000	2	0	02	02	96	00	1	948	99	0	0	9	0	0	80	01
	Kashmore ..	000	0	0	23	04	99	00	0	953	××	0	0	9	0	0	78	81
	Jacobabad ..	000	0	0	13	05	96	02	0	960	97	0	0	9	0	0	77	97
Junagarh Afghanistan	Veraval ..																	
	Jalalabad ..																	
Arabia	Muscat ..	000	0	0	05	02	99	00	0	978	87	0	0	9	0	0	83	90
	Kuwait ..																	
	HILL STATIONS																	
Kashmir	Srinagar * ..																	
	Gulmarg ** ..																	
	Sonamarg ** ..																	
	Dras ** ..																	
	Leh ** ..																	
	Skardu * ..																	
	Minar ** ..																	
Peshawar	Aliabad * ..																	
	Gilgit * ..																	
D.I. Khan	Murree * ..	010	9	5	13	02	97	02	6	439	66	5	3	3	0	0	62	71
	Drosh * ..	000	6	4	23	07	96	03	2	421	88	4	2	7	0	0	50	90
	Chitral * ..	000	7	6	18	03	98	03	1	438	75	6	0	9	7	0	66	80
	Kakul * ..	000	8	5	16	03	99	03	2	438	77	5	4	7	0	0	68	82
	Landi Kotal * ..	000	0	3	02	03	97	03	1	426	81	3	1	6	5	0	66	82
	Parachinar * ..	000	0	0	13	02	99	00	0	797	84	0	0	9	0	0	63	××
	Miranshah * ..	000	0	6	05	02	98	00	0	463	85	0	0	8	2	4	82	87
Quetta	Wana * ..	004	2	6	××	××	98	80	1	428	78	7	4	8	0	0	61	85
	Fort Sandeman *	000	2	8	23	05	96	03	9	415	81	8	0	9	1	—	59	95
	Mindubagh *	000	0	2	27	02	98	00	0	373	94	0	0	9	0	0	43	96
	Loralai *	000	0	6	16	02	98	02	0	445	87	0	0	9	4	0	63	90
	Harnai *	000	0	3	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	2	07	02	96	06	0	378	91	2	1	8	0	0	67	95
	Chaman *	000	0	0	31	03	96	00	0	424	97	0	0	9	0	0	81	00
Kalat	Kalat *	000	4	6	16	07	98	03	0	408	82	0	0	9	0	2	51	91
	Nushki *	000	0	0	36	06	95	00	0	466	05	4	6	6	0	5	43	05
Afghanistan	Dalbandin *	000	0	0	27	07	95	05	0	411	03	0	0	9	0	0	52	04
	Panjgur *																	
	Kabul *	000	0	0	23	02	99	00	0	451	85	0	0	9	0	0	64	90
	Kandahar *																	

DIVISIONS.	STATION	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F. (TdTd)	Minimum temperature °F. (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	053	9	6	00	00	96	03	6	074	78	6	5	7	2	0	77	76	+ 6	0	88.7	+ 8.9	99.6	140
	Chittagong ..	389	7	8	07	02	96	60	9	074	78	8	7	4	×	×	77	75	+ 8	+ 1	54.2	0	61.6	108
	Maijdee Court	115	2	8	31	02	95	20	8	076	77	4	5	5	2	×	75	76	+ 4	- 2	41.7	- 14.1	49.9	115
	Comilla ..	032	9	8	00	00	99	66	6	077	77	8	5	5	×	×	75	76	+ 7	- 1	32.0	- 10.8	43.9	94
	Brahmanbaria ..	110	0	5	23	02	97	03	2	076	85	5	5	3	0	0	78	78	—	—	30.1	- 2.6	47.9	79
	Sylhet ..	120	7	4	00	00	97	03	6	069	86	1	1	6	5	0	75	75	—	—	57.1	—	106.6	..
	Srimangal ..	113	8	3	18	03	97	01	9	070	84	2	1	7	3	0	75	73	+ 2	- 3	43.0	+ 3.9	69.6	90
Dacca	Mymensingh ..	028	0	8	09	02	98	02	2	074	88	4	5	×	×	×	78	78	+ 1	0	41.4	+ 0.9	55.5	91
	Narayanganj ..	180	6	8	27	03	95	03	6	075	80	2	5	7	7	×	75	75	+ 4	- 4	34.4	+ 5.1	52.6	74
	Dacca (Tejgaon) ..	077	7	7	23	05	98	02	9	068	81	1	1	5	4	0	75	76	—	—	19.2	—	54.1	..
	Faridpur ..	008	9	8	20	02	96	50	5	066	××	8	7	6	×	×	81	75	+ 3	- 4	33.9	+ 2.8	46.0	91
	Barisal ..	081	9	8	11	02	95	53	6	071	80	5	6	9	4	0	79	75	+ 4	- 3	29.1	- 9.1	46.3	81
Rajshahi	Khulna ..	000	0	8	00	00	97	03	2	069	78	8	5	6	×	×	77	76	+ 7	- 2	30.9	- 2.1	38.9	68
	Satkhira ..	000	0	8	05	02	97	03	2	063	80	×	×	7	×	×	76	79	+ 4	+ 1	25.3	- 5.6	31.1	65
	Jessore ..	000	7	8	09	05	96	50	5	065	77	8	7	5	×	×	77	77	—	—	33.0	+ 3.1	36.3	65
	Sirajganj ..	019	3	8	13	02	95	02	5	061	81	8	7	5	×	×	80	80	0	+ 1	45.4	+ 16.4	56.4	64
	Bogra ..	000	0	6	09	02	97	03	1	063	84	6	6	6	0	0	81	81	+ 1	+ 3	45.7	+ 14.3	53.2	59
	Dinajpur ..	232	2	7	00	00	96	02	2	081	86	4	4	7	2	0	81	71	+ 5	- 8	36.9	+ 2.6	40.2	72
	Rangpur ..	000	0	2	18	02	96	01	2	×××	87	2	5	6	0	0	80	79	+ 3	+ 1	40.7	+ 1.1	49.5	84
Kashmir	Jammu ..																							..
Lahore	Lahore (Jail Rd.) ..	243	2	8	05	03	96	50	6	041	78	8	9	3	×	×	76	75	- 11	- 4	10.7	- 1.3	19.4	19
	Sialkot ..	015	9	8	23	13	98	21	2	046	77	8	7	6	×	×	75	75	- 14	- 3	10.0	- 5.4	33.1	32
Rawalpindi	Jhelum ..	034	9	5	13	02	97	02	1	045	81	5	0	9	7	1	75	76	—	—	9.5	—	20.3	..
	Rawalpindi ..	045	0	0	00	00	99	01	1	045	80	1	2	6	0	0	77	××	- 10	×	11.8	- 3.0	27.7	36
	Chakwal ..	008	0	1	02	03	99	03	5	041	85	1	1	6	0	0	75	76	- 15	- 5	5.3	- 2.7	14.1	15
Multan	Lyallpur ..	067	9	4	05	02	96	01	9	049	79	0	0	9	3	0	75	75	- 9	- 5	6.4	+ 0.6	12.8	13
	Montgomery ..	000	0	0	00	00	97	00	1	029	79	0	0	9	0	0	75	76	- 9	- 6	0.2	- 5.2	4.0	10
	Multan ..	000	0	0	23	02	96	00	0	029	81	0	0	9	0	0	71	77	- 2	- 6	0.7	- 2.8	4.1	7
Bahawalpur	Leiah ..																							8
	Khanpur ..	000	0	2	02	03	6	01	1	029	88	2	4	7	0	0	77	82	- 6	+ 1	0.2	- 3.5	1.2	6
	Bahawalpur ..	000	0	4	00	00	97	02	0	027	85	4	0	8	4	0	77	82	- 2	+ 1	1.0	- 2.8	2.3	6
	Fort Abbas ..	000	9	0	02	03		00	0	020	91	0	0	9	0	0	77	80	—	—	1.6	—	4.5	8
Peshawar	Chakdara ..	000	0	2	××	××	97	11	6	021	79	2	1	7	×	×	69	59	—	—	20.7	—	18.2	..
	Peshawar ..	015	0	1	00	00	98	03	1	034	82	1	2	6	0	0	75	76	- 10	- 3	1.7	- 1.2	12.8	11
	Haripur ..	000	2	0	13	02	98	00	0	028	72	0	0	9	0	0	73	73	—	—	3.6	—	17.7	..
	Campbellpur ..	000	0	0	00	00	99	00	0	039	71	0	0	9	0	0	75	73	—	—	3.4	—	18.8	..
D.I. Khan	Bannu ..	000	3	0	00	00	99	00	0	039	88	0	0	9	0	0	73	80	—	—	1.5	—	8.6	11
	D.I. Khan ..	000	3	4	13	02	97	01	1	032	87	0	0	9	7	0	75	80	- 4	- 1	2.0	- 1.9	7.6	10
Quetta	Sibi ..	000	6	6	00	00	99	03	1	015	92	6	0	9	3	0	75	××	—	—	1.1	—	6.2	5
	Nokkundi ..	000	0	0	20	02	98	02	0	992	83	0	0	9	0	0	38	74	—	—	0	—	1.9	2
	Turbat ..	000	0	0	23	02	98	02	0	008	83	0	0	9	0	0	75	81	—	—	2.5	—	5.9	1
Kalat	Jiwani ..	000	0	8	16	07	97	03	2	024	81	8	6	5	×	×	75	××	—	—	0	—	3.1	6
	Pasni ..	100	0	6	05	02	96	02	0	034	79	6	5	7	0	0	75	78	- 2	+ 2	0	- 0.9	0.2	6
	Ormara ..	000	0	0	00	00	98	00	0	046	81	0	0	9	0	0	80	79	—	—	0	- 0.7	3.8	6
	Las Bela ..																							9
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	27	05	96	01	2	021	81	5	0	9	1	0	77	79	+ 4	0	0.5	- 4.4	0.9	8
	Karachi (Air port)	000	0	4	27	09	96	01	2	020	83	1	6	5	5	0	75	77	—	—	0.7	—	1.1	9
	Badin ..	000	0	0	23	02	96	00	0	022	83	0	0	9	0	0	74	××	+ 12	—	0.4	- 4.9	0.4	8
	Nagarparker ..																							..
	Umarkot ..	000	0	0	23	03	97	00	0	020	82	0	0	9	0	0	75	78	—	—	2.8	—	2.8	7
	Hyderabad ..	000	0	5	23	07	97	03	0	011	83	0	0	9	0	1	73	79	+ 2	0	0.2	- 4.4	2.0	7
Khairpur	Padidan ..	030	0	2	13	05	98	01	1	013	85	0	0	9	0	1	73	81	—	—	0	—	1.2	..
	Nawabshah ..	000	0	2	13	05	97	03	0	018	85	2	0	9	3	0	75	83	—	—	0	—	0.6	..
	Sukkur ..	000	9	1	13	02	96	01	0	016	86	0	0	9	0	9	74	82	—	—	0.1	—	2.9	4
	Kashmore ..	000	0	0	05	02	99	01	0	018	86	0	0	9	0	0	72	83	—	—	—	—	—	..
	Jacobabad ..	000	0	7	13	03	96	03	1	021	87	1	9	6	3	0	75	83	- 7	+ 1	0	- 1.9	3.5	4
Junagarh Afghanistan	Veraval ..																							20
	Jalalabad ..																							..
Arabia	Muscat ..	000	0	0	09	02	99	00	0	996	85	0	0	9	0	0	81	83	- 1	- 1	0	- 0.1	6.9	4
	Kuwait ..																							..
	HILL STATIONS																							..
Kashmir	Srinagar * ..																							26
	Gulmarg ** ..																							71
	Sonamarg ** ..																							26
	Dras ** ..																							3
	Leh ** ..																							4
	Skardu * ..																							..
	Minar ** ..																							..
Peshawar	Aliabad * ..																							5
	Gilgit * ..																							5
D.I. Khan	Murree * ..	004	9	2	00	00	98	01	6	031	58	2	1	9	0	0	44	45		—	—	—	—	..
	Drosh * ..																							..
	Chitral * ..																							..
	Kakul * ..																							..
	Landi Kotal * ..																							..
	Parachinar * ..																							..
	Miranshah * ..																							..
Quetta	Wana * ..																							..
	Fort Sandeman *																							..
	Mindubagh *																							..
	Loralai *																							..
	Harnai *																							..
	Quetta *																							..
	Chaman *																							..
Kalat	Kalat *																							..
	Nushki *																							..
Afghanistan	Dalbandin *																							..
	Panjgur *																							..
	Kabul *	000	0	0	00	00	95	05	0	414	77	0	0	9	0	0	33	68	- 4	- 4	0	- 0.3	4.4	5
	Kandahar *																							12

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 14th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Karachi	33 060	625 00	2 24 06	99 02 0	105 81	21 4 00	5 5 600	..	0 5 273	1 25 22
Exemplaik	33 201	606 06	8 20 22	97 02 2	110 78	85 3 xx	1 6 210	..	..	..
Tiburia	33 224	638 18	8 21 18	97 02 2	015 77	67 5 70	5 6 000	..	0 56 75	1 21 x4
Dalmia	33 259	569 18	4 17 05	98 03 0	165 08	43 5 70	3 6 215	..	0 52 82	1 17 21

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT T_dT_d	1000 mb HHH TTT T_dT_d	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Barisal ..														
Karachi ..	00 00	999 275 265	704 000 010	..	420 205 198	..	126 158 135	417 082 048	898 542 545	651 578 702	098 675	..	..	..
Lahore ..														
Multan ..														
Peshawar ..	00 00	963 252 245	..	..	400 215 208	..	058 135 125	347 078 062	..	..	..	..	..	..
Quetta ..	00 00	827 210 180	Missa											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Barisal ..													
Karachi ..	00 00	900 232 228	820 215 212	800 205 202	472 565 999	350 632 778	250 805 898	150 050 999	070 300 999	..	070 300 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	..	..	..	..	..	..	..	..	..	347 078 062	..	..
Quetta ..	00 00	Missa											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ..	14 05	14 05	14 07	..		..		..	..	14 03	17 02	15 02	12 03	..	
Chaldala ..				..	..		..	..	..						
Chhar ..	23 15	22 12	23 14	..						24 20	28 23	24 19	14 15	09 12	05 13
Chittagong ..	20 08	20 10	17 05	14 12	15 15	15 19	13 08	10 05	06 04	No	ascent			..	..
Cox's Bazar ..	20 10	19 12	14 07	13 13	14 15	14 15				10 12	12 12	13 13			
Dacca ..	09 01	11 06	12 06	13 07	14 11	14 10	07 13	08 14	05 16	23 10	24 05	27 03	11 01	09 06	
Dalbandin ..	..	..	28 11	26 15	23 11	25 38	23 35		..	..	..	13 07	17 00	21 08	20 10
D. I. Khan ..	..	..	..												
Drosh ..	..	..	..	24 13	23 13	22 08	23 08	24 19	..		..			21 11	20 10
Fort Sandeman ..				22 05	33 03	15 03	29 21						04 06	22 03	19 10
Jacobabad ..	14 12	11 12	13 12	13 10	10 10	16 10	01 09	34 09	30 09	15 04	18 08	14 07	16 06	12 02	03 05
Jaisore ..															
Jhelum ..	11 09	12 07	12 09	11 16	10 17	09 18	01 16	..	..	03 04	11 06	13 09	11 13	11 15	03 05
Jiwani ..	16 17	16 15		..	..		..	..		14 07	13 08	13 10			
Karachi ..	25 29	26 25		..	..	..		..	..	28 14	28 21	28 17			
Khanpur ..				..		..	..	..	..	06 05	04 03	06 02	05 04	02 12	01 19
Lahore ..	06 01	01 05	03 10					..	..	11 10	13 14	13 10	11 10	08 26	
Multan ..	09 15	09 13	11 07	19 07	23 10	10 06	..	..	..	06 16	08 14	07 10	01 17	34 11	01 14
Muscat ..	..			..	..	..	..	..	..	..			..		
Panjgur ..	..						..	..	..			..	..	..	..
Peshawar ..	..	06 09	04 08	10 05	18 10	15 16				..	..		..		
Quetta ..	..			..	30 13	34 04	25 05	22 10	25 06	..			..	17 05	29 08
Sibi ..															
Sylhet ..	33 05	28 02	20 04	26 09	..	..	..	..	..	12 10	13 08	10 05	10 05	12 03	19 03
Varsval ..	..														

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	12 07	13 07	13 07	10 07	..	..	..	..	..	..	..
Chaldala ..			..		..	..	..	..	..	..	..
Chhar ..					..	..	..	..	..	..	..
Chittagong ..	46 07	05 09	05 11	06 11			..	..	..	..	..
Cox's Bazar ..	13 10	14 15	12 16	12 20	13 22	13 21			..	..	..
Dacca ..	11 21	11 19	11 13	09 10	11 10	13 12	16 14	13 13			
Dalbandin ..			19 01	20 07	18 10	18 15	18 16	17 21	11 12	09 06	29 11
D. I. Khan ..	..	..	..	..							
Drosh ..	..	..	..		23 09	23 07	20 08	19 11	19 15	15 08	30 04
Fort Sandeman ..				22 02	05 03	35 05	..	..	..	..	..
Jacobabad ..	10 08	11 07	13 04	09 03	04 05	35 04	06 07	07 07	08 08	..	..
Jaisore ..							..	..	..	..	..
Jhelum ..	14 08	13 07	13 08	12 10	12 16	11 17	..	..	..	..	..
Jiwani ..	13 09						..	..	..	..	..
Karachi ..	28 29	28 22	28 19	04 14	04 21	07 28	11 08	04 19	05 14	16 10	..
Khanpur ..	04 10	04 07	04 11	05 13	03 10	02 15	..	..	..	..	..
Lahore ..	08 15	08 19	08 26								
Multan ..	36 17	02 19	03 19	03 18	03 14	01 15	02 18	36 09	05 03	19 04	22 13
Muscat ..											
Panjgur ..											
Peshawar ..	..	10 07	11 06	11 05	25 05	31 02	33 11	33 15	33 17	26 10	26 18
Quetta ..	..				19 08	27 05	16 08	19 06	..	..	..
Sibi ..											
Sylhet ..	15 01	18 01	17 03	13 04	..	..	..	..	..	..	..
Varsval ..											

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chitragong ..																		
Dacca ..																		
Karachi ..	20 17	26 19	26 21	36 21	05 12	11 28	19 23	31 24	31 09	34 06	31 09	30 13						
Peshawar ..		02 07	06 03	08 02	08 03	34 07	33 18	31 23	35 05	33 27								
Quetta ..																		

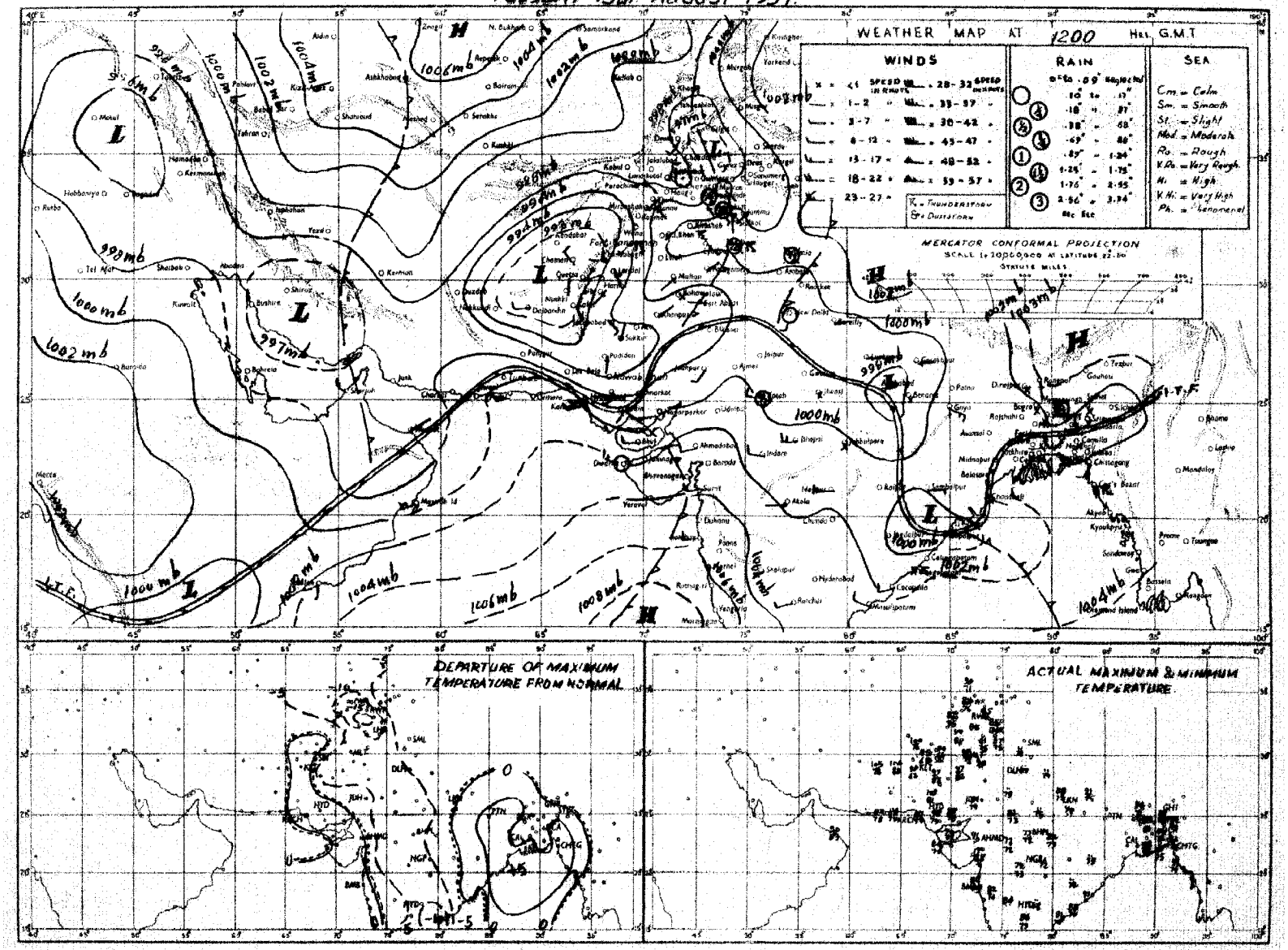
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_Tv_T$ etc)

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.

PAKISTAN DAILY WEATHER MAP

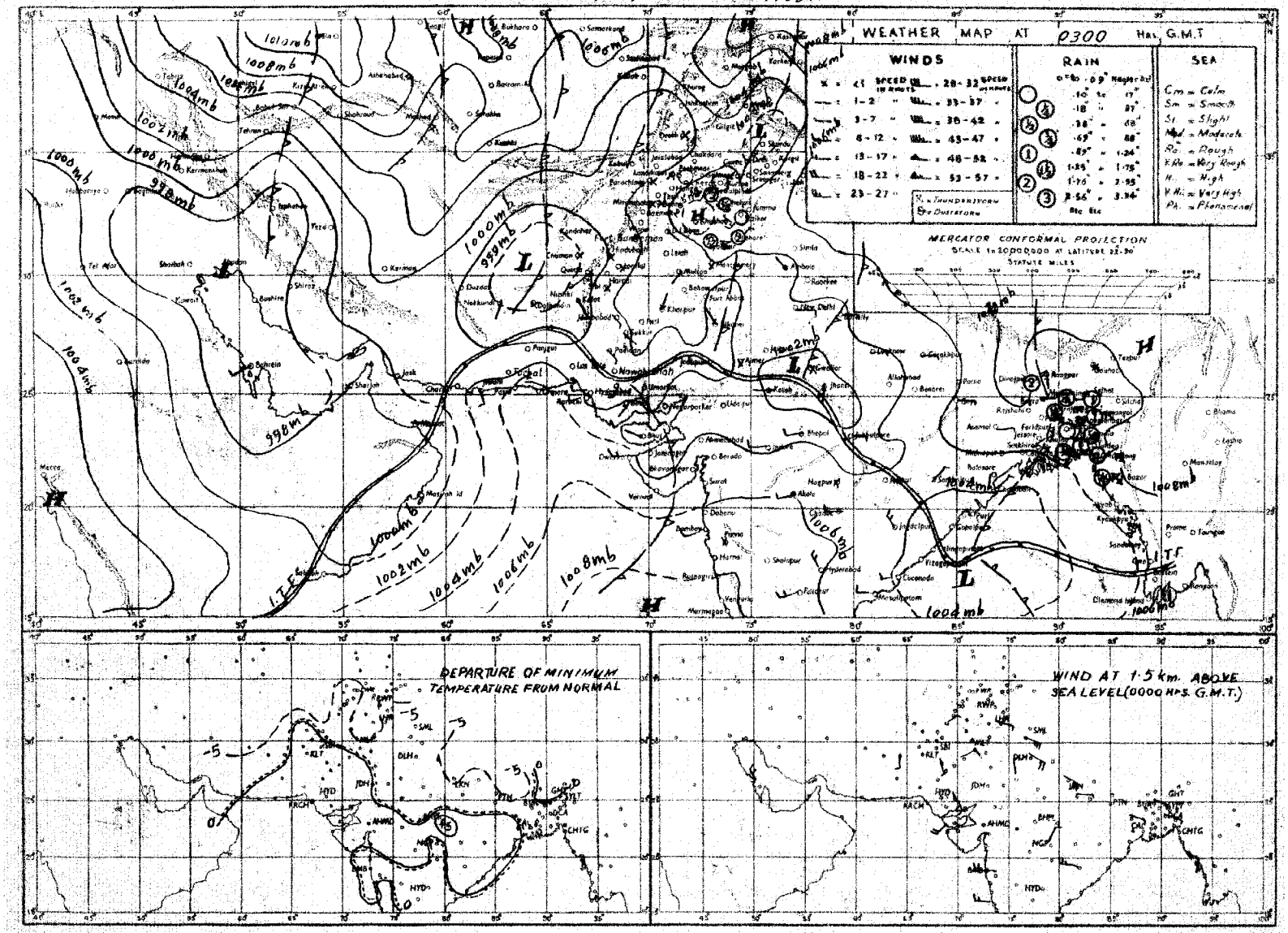
TUESDAY 13th AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 14th AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

THURSDAY, THE 15th AUGUST, 1957.

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

Yesterday's low pressure wave over East Kashmir persists and has induced a low pressure area over northwest Rajasthan.

The system has caused fairly widespread thunderstorm/showers in Khairpur division, local in Lahore division and scattered in Multan, Peshawar and Quetta divisions.

The low pressure wave over north of Afghanistan is now approaching Peshawar division.

An easterly low pressure wave lies over west central Bay of Bengal and is likely to move westnorth westwards.

Rainfall has been fairly widespread in Chittagong division and scattered in Dacca and Rajshahi divisions.

Chief amounts of rainfall are:—Sylhet 4"; Rangpur 1"; Srimangal ¾" and Maijdee Court, Comilla, Dinajpur, Lahore, Kakul and Pad Idan ¼" each.

Day temperatures were 6-12 °F below normal in Lahore and Rawalpindi divisions and 3-5°F so in Quetta, Multan and Bahawalpur divisions and 3-8°F above normal in Hyderabad division and the Federal Capital Area.

Forecast valid until the evening of 16th:—Thunderstorm/showers will be fairly widespread in Peshawar, D. I. Khan, Rawalpindi and Lahore divisions and Kashmir, local in Multan and Bahawalpur divisions and scattered in Khairpur, Hyderabad and Quetta divisions. Local rain will fall in East Pakistan.

Karachi-11.
The 15th August, 1957.

K. U. SIDDIQI.
for Director. Meteorological Service.

OBSERVATIONS

Divisions	Station	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F.	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum temperature °F.	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
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	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	5	7	18	05	96	02	6	037	83	4	4	6	0	6	77	86	000	2	4	11	09	96	02	6	075	83	4	3	7	5	0	76	77	+1	+1	88.7	+7.7	99.6	140
	Chittagong	010	2	7	00	00	96	02	6	034	84	4	5	6	3	0	78	85	010	0	6	11	05	97	03	2	072	85	5	8	6	4	0	75	77	0	+1	54.3	-0.8	61.7	108
	Maijdee Court	000	9	8	23	02	97	01	2	041	81	8	0	9	2	×	81	84	030	2	8	13	05	96	03	6	070	84	2	4	5	2	×	77	76	-2	-2	42.0	-14.6	50.2	115
	Comilla	030	4	4	00	00	99	03	6	027	86	2	4	5	5	0	77	85	030	9	6	00	00	99	01	6	070	84	6	4	5	0	0	78	75	-2	-2	32.3	-11.1	44.1	94
	Brahmanbaria	000	0	2	00	00	97	01	2	023	87	1	5	5	4	0	76	90	000	0	3	13	02	97	03	2	070	87	3	5	3	0	0	79	82	—	—	30.1	-3.1	47.9	78
	Sylhet	000	0	3	27	02	98	01	1	021	88	1	3	7	2	8	80	91	350	9	7	09	05	97	21	6	076	81	3	5	5	7	0	78	74	—	—	60.6	—	110.1	..
	Srimangal	000	0	2	00	00	97	03	1	024	89	2	1	6	0	0	78	92	070	8	7	09	02	97	02	9	077	79	8	4	6	×	×	75	76	+2	0	43.7	+4.2	70.3	98
Dacca	Mymensingh	000	0	6	00	00	99	02	2	029	87	0	0	9	0	8	80	89	000	0	8	00	00	98	02	2	074	84	8	4	5	×	×	78	79	0	+1	41.4	+0.5	55.5	91
	Narayanganj	000	9	7	23	02	95	03	1	031	86	2	4	8	0	8	77	89	000	9	8	11	05	95	03	2	071	88	3	4	5	3	8	77	81	+2	+2	36.4	+4.7	52.6	74
	Dacca (Tezgaon)	000	9	6	18	02	98	02	1	025	84	2	3	6	3	3	77	89	001	9	7	13	05	98	21	2	064	85	5	8	4	3	1	79	80	—	—	19.2	—	54.1	..
	Faridpur	000	8	4	18	02	96	01	1	029	85	2	4	8	1	0	78	87	000	9	6	11	02	96	03	0	061	80	6	5	7	0	0	77	76	0	-3	33.9	+2.4	46.0	71
	Barisal	000	0	6	18	01	96	02	2	027	86	6	6	9	4	0	79	87	010	9	4	18	01	96	03	5	063	82	5	7	9	0	0	78	78	0	0	29.2	-9.5	46.4	81
Rajshahi	Khulna	000	0	6	00	00	97	01	2	033	85	3	5	7	3	0	78	91	000	0	8	00	00	97	01	2	062	85	4	5	7	3	×	79	78	+4	0	30.9	-2.6	38.9	60
	Satkhira	000	0	4	00	00	97	01	1	029	86	3	5	7	6	0	79	90	000	0	7	00	00	98	03	2	056	86	5	6	8	9	0	79	79	+2	+1	25.3	-6.0	31.1	65
	Jessore	000	9	4	13	02	97	02	5	027	86	2	4	6	6	0	82	90	000	0	6	13	05	97	03	2	060	84	4	4	6	6	0	81	77	—	—	33.0	+2.7	36.3	65
	Sirajganj	000	0	8	00	00	96	02	2	031	85	8	0	7	5	4	79	87	000	0	8	00	00	96	02	2	051	85	8	1	8	0	4	81	81	0	+2	45.4	+16.1	56.4	64
	Bogra	000	0	6	00	00	96	01	1	022	86	6	4	6	0	0	79	89	004	0	0	09	00	98	00	0	063	89	0	1	9	0	0	78	80	+1	+2	45.8	+14.0	53.2	49
	Dinajpur	000	0	6	00	00	96	01	6	035	87	2	5	7	0	9	80	88	034	2	6	00	00	96	02	2	067	86	0	0	9	2	0	80	74	-1	-5	37.2	+2.4	40.6	72
	Rangpur	108	3	4	13	02	96	01	6	×××	86	4	4	6	0	0	79	90	108	0	4	09	02	96	01	2	×××	86	4	5	6	0	0	79	77	+1	+1	41.8	+11.7	50.6	84
Kashmir	Jammu																																								..
Lahore	Lahore (Jail Rd.)	004	3	6	09	05	96	21	6	022	82	3	0	9	3	2	75	86	036	5	8	09	02	96	51	9	053	77	8	5	6	×	×	76	75	-12	-4	11.0	-1.4	19.7	19
	Sialkot	000	9	4	13	05	98	01	2	020	87	2	0	9	2	3	77	87	000	6	6	13	03	98	02	2	043	82	3	4	8	2	×	71	77	-7	-1	10.0	-5.7	33.1	32
Rawalpindi	Jhelum	000	7	4	13	07	98	02	2	019	88	4	1	6	0	0	74	88	000	6	4	00	00	98	02	2	047	83	4	0	9	3	0	77	79	—	—	9.5	—	20.3	..
	Rawalpindi	000	0	3	00	00	98	02	0	001	86	3	5	6	0	0	73	88	000	0	2	20	02	98	02	0	039	83	2	2	7	0	0	75	74	-6	-1	11.8	-3.3	27.7	36
	Khushab	000	0	2	07	07	99	01	1	015	89	2	3	6	0	0	76	91	000	0	3	05	02	99	03	0	050	87	1	2	6	3	0	73	78	+9	-3	5.3	-1.7	14.1	15
Multan	Lyallpur	000	0	7	02	02	96	03	0	015	85	7	3	8	0	0	77	87	010	8	6	02	02	96	02	5	046	81	6	3	8	0	0	76	78	-11	-2	6.5	+0.6	12.6	12
	Montgomery	000	0	6	05	07	96	03	8	003	90	6	5	6	0	0	75	92	000	0	4	13	02	97	02	1	039	81	4	5	7	0	0	77	78	-9	-4	0.2	-5.3	4.0	10
	Multan	000	0	0	23	05	96	00	0	998	96	0	0	9	0	0	76	97	000	0	4	05	03	96	01	0	037	84	1	1	9	1	1	75	77	-2	-6	0.7	-2.9	4.1	7
Bahawalpur	Leiah																																								8
	Khanpur	000	0	0	36	03	96	00	0	986	98	0	0	9	0	0	75	00	000	0	0	02	05	96	00	0	028	86	0	0	9	0	0	79	82	-3	+1	0.2	-3.6	1.2	6
	Bahawalpur	000	0	1	00	00	97	00	0	992	95	1	0	9	0	2	74	98	000	0	1	00	00	97	00	0	021	86	0	1	8	0	0	79	80	-3	-1	1.0	-2.5	2.3	6
	Fort Abbas	000	0	6	31	03	97	03	1	978	96	6	1	6	6	0	73	06	000	9	6	05	03	97	00	3	022	88	6	2	6	0	0	77	81	—	—	1.6	—	4.8	8
Peshawar	Chakdara	000	0	3	××	××	98	02	1	965	91	2	2	7	0	1	71	92	000	0	3	13	××	97	01	2	024	82	0	×	7	7	×	74	62	—	—	20.7	—	18.2	..
	Peshawar	000	0	4	05	08	98	02	1	992	95	3	9	6	3	1	77	97	000	0	1	00	00	98	02	0	038	83	1	4	6	0	0	74	77	-1	-2	1.7	-1.3	12.8	14
	Haripur	000	9	5	05	02	97	03	0	991	91	5	2	6	0	0	75	94	000	3	1	23	02	97	01	0	077	84	1	0	9	0	3	73	76	—	—	3.6	—	17.7	..
	Campbellpur	000	0	3	13	07	99	03	1	999	93	3	3	6	0	0	74	93	000	0	5	13	02	99	01	1	055	82	0	0	9	0	4	75	78	—	—	3.4	—	18.8	..
D.I. Khan	Bannu																																								11
	D.I. Khan	000	6	2	36	02	98	03	0	998	98	2	0	9	2	0	74	97	000	2	2	00	00	98	01	1	033	86	0	0	9	0	2	80	80	-1	-1	2.0	-2.0	7.6	10
Quetta	Sibi	000	8	6	13	03	99	01	1	973	03	0	0	9	3	0	52	88	000	0	0	00	00	99	00	0	027	90	0	0	9	0	0	74	90	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	36	02	99	02	0	922	07	0	0	9	0	0	37	08	000	0	0	07	02	98	02	0	998	87	0	0	9	0	0	61	81	—	—	0	—	1.9	2
	Turbat	000	0	0	23	02	97	00	0	002	93	0	0	9	0	0	80	01	000	0	0	00	00	98	00	0	009	91	0	0	9	0	0	75	81	—	—	—	—	—	..
	Jiwani	000	0	6	16	09	97	02	2	012	83	4	4	5	3	0	76	85	000	0	6	13	05	97	03	2	042	81	6	5	4	0	0	73	79	—	—	0	—	3.1	4
	Pasni	000	0	0	23	16	96	00	0	023	85	0	0	9	0	0	78	88	000	0	4	23	00	96	00	0	059	79	4	0	9	4	0	77	78	0	—	0	-0.9	0.2	6
	Ormara	000	0	0	××	××	98	00	0	018	87	0	0	9	0	0	80	88	000	0	7	××	02	98	02	1	058	83	7	0	9	2	0	79	78	—	—	0	-0.7	3.8	6
	Las Bela																																			—	—				8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	12	97	02	1	003	85	2	6	5	5	0	79	88	000	0	3	29	07	96	01	1	032	81	0	0	9	0	8	77	78	+3	-1	0.5	-4.4	0.9	8
	Karachi (Air port)	000	0	2	25	14	97	02	0	007	86	2	6	5	0	0	80	93	000	0	6	27	12	96	03	2	034	83	1	6	5	0	4	74	80	—	—	0.7	—	1.1	..
	Badin	000	0	0	23	02	97	00	0	998	98	0	0	9	0	0	74	00	000	3	4	23	02	96	20	3	036	85	0	7	9	0	0	76	××	+8		0.4	+5.0	0.4	9
	Nagarparker																																								..
	Umarkot	000	0	0	23	01	97	00	0	976	99	0	0	9	0	0	76	01	000	0	0	23	01	97	00	0	001	84	0	0	9	0	0	77	79	—	—	2.8	—	2.3	..
	Hyderabad	000	0	0	20	05	97	02	1	984	99	0	0	9	0	2	71	03	000	9	5	29	02	97	01	5	026	87	1	5	6	5	7	75	78	+8	-1	0.2	-4.5	2.0	7
Khairpur	Pad-i-dan	000	0	5	00	00	97	03	1	980	04	5	4	7	0	0	67	05	029	9	2	00	00	98	01	9	025	86	0	0	9	0	1	77	80	—	—	0.3	—	1.5	..
	Nawabshah																		029	9	4	00	00	97	02	2	032	82	0	0	9	7	0	79	77	—	—	0.4	—	0.9	..
	Sukkur	000	2	6	07	10	95	03	9	985	92	0	0	9	9	0	74	00	000	9	1	36	02	96	01	1	022	88	0	0	9	0	9	85	83	—	—	0.1	—	2.9	4
	Kashmore																		000	0	4	05	07	95	00	0	992	92	4	1	7	0	0	76	82	—	—	—	—	—	..
	Jacobabad	000	6	6	05	10	96	29	9	999	85	4	5	6	2	0	73	01	000	0	0	00	00	97	02	0	024	74	0	0	9	0	0	74	83	-3	+1	0	-1.9	3.5	4
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								..
Arabia	Muscat	000	0	0	09	05	99	00	0	988	85	0	0	9	0	0	81	89	000	6	3	09	06	95	02	1	020	83	0	0	8	1	0	80	83	-1	-1	0	-0.1	6.9	4
	Kuwait																																								..
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								..
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *							*																																	6
	Misgar **	000	0	6	00	00	96	02	1	030	67	6	3	7	0	0	29	70	000	0	0	00	00	98	00	0	019	60	0	0	9	0	0	42	48	—	—	—	—	—	..
	Aliabad *																																								..
	Gilgit *																																								5
Rawalpindi	Murree *	000	4	8	07	03	95	03	4	455	66	8	5	2	×	×	63	68	000	0	2	00	00	97	01	1	473	66	2	1	4	0	0	58	60	-3	+3	18.4	-6.1	52.3	59
Peshawar	Drosh *	000	9	3	23	07	96	01	1	413	91	3	2	7	0	0	52	96	000	9	1	00	00	96	01	1	477	81	1	2	7	0	0	58	72	—	—	1.1	—	23.2	18
	Cherat *	000	7	2	18	05	98	01	1	450	82	2	2	6	0	0	65	83	000	0	0	00	00	98	00	0	477	73	0	0	9	0	0	67	68	—	—	3.2	-4.4	24.0	29
	Kakul *	021	2	4	13	03	99	02	6	453	76	4	2	6	0	0	70	81	021	9	2	25	02	97	01	1	478	74	4	4	7	0	0	69	69	—	—	7.7	—	35.2	..
	Landi Kotal *	000	0	4	02	03	97	03	1	437	88	4	0	9	5	0	64	89	000	0	1	00	00	97	01	0	559	79	1	1	6	0	0	67	69	—	—	0.8	—	15.0	..
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	796	84	0	0	9	0	0	62	××	000	0	6	00	00	99	00	0	794	69	0	0	9	0	0	60	××	—	—	5.9	—	25.0	29
	Miranshah *	000	0	6	00	00	98	02	0	486	88	0	0	8	2	4	84	91	000	0	2	00	00	99	00	0	508	79	0	0	9	2	0	75	77	—	—	2.5	-1.0	14.8	13
	Wana *	000	0	6	13	01	97	10	2	457	82	6	2	8	2	0	64	88																		—					..
Quetta	Fort Sandeman *	000	0	6	36	05	96	03	1	436	88	6	2	7	0	0	58	93																		-6					11
	Hindubagh *	000	0	6	05	05	98	03	0	424	87	6	6	7	0	0	65	93	000	0	0	00	00	98	00	0	475	70	0	0	9	0	0	50	61	—	—	0	—	12.3	..
	Loralai *	000	0	5	16	05	98	02	1	433	87	5	0	9	4	0	52	88	000	0	4	27	02	98	21	0	456	73	0	0	9	3	0	64	67	—	—	1.7	—	10.6	14
	Harnai *	000	0	4	13	02	98	02	0	×××	××	0	0	9	2	0	××	××	000	0	0	09	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	1.6	-3.7	13.9	9
	Quetta *	000	3	7	16	12	97	17	9	421	89	5	9	6	3	0	48	93	000	0	0	16	02	95	00	0	454	72	0	0	9	0	0	66	66	—	—	0	-0.9	9.5	8
	Chaman *	000	0	0	29	05	96	00	0	435	99	0	0	9	0	0	83	01	000	0	0	00	00	97	00	0	453	84	0	0	9	0	0	74	75	+2	+1	0	-0.1	10.2	7
Kalat	Kalat *	000	0	0	20	09	98	00	0	428	78	0	0	9	0	0	50	86	000	0	0	00	00	98	00	0	467	73	0	0	9	0	0	54	60	-4	+2	0	-1.1	8.4	..
	Nushki *	000	0	5	29	09	96	03	2	473	02	3	2	5	6	0	46	06	000	0	0	13	10	97	00	0	491	86	0	0	9	0	0	61	83	—	—	0	—	8.0	4
	Dalbandin *	000	0	1	13	07	96	03	0	425	02	0	0	9	0	5	52	05	000	0	3	00	00	94	05	0	448	82	3	0	9	4	0	47	76	-2	+4	0	-0.3	4.4	5
	Panjgur *																																								12
Afghanistan	Kabul *	000	0	5	09	00	97	03	0	476	81	5	4	8	0	0	69	××	000	0	1	18	02	99	29	0	534	72	1	1	9	0	0	67	[illegible]		—	—	—	—	..
	Kandahar *																																								

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs, pressure level in geopotential metres, the thousands figure omitted.

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 day.

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

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PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 15th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh\,C_M\,C_H$	$D_s\,V_s$ a PP	8 $N_s\,C\,h_s\,h_s$	O $T_sT_s\,T_dT_d$	$I_{dw}\,d_w\,P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dalhi	43 241	585 03	1 06 10	97 01 0	017 86	17 4 00	3 6 220	..	0 52 84	1 16 21
Udomara	43 222	615 06	7 23 08	97 02 1	030 81	64 5 21	3 6 400	..	0 52 ×.	..
Victoria	43 203	603 06	8 20 20	97 02 0	052 75	80 6 7×	5 6 080	..	0 00 75	1 22 ×5
Exemplar	43 243	605 06	8 27 14	97 20 5	034 84	85 3 ××	1 6 207	..		..
Udomara	43 213	629 12	8 21 18	99 02 1	015 79	86 5 ××	3 6 705	..	0 02 ××	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Jacobabad ..														
Karachi ..	00 00	100 282 282	022 282 282	..	420 212 212	..	123 152 138	409 048 032	868 528 572	608 612 618	977 722	261 945	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	827 205 172	..	..	..	..	135 165 288	427 082 532	911 020 999	682 535 999	991 632	289 555	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE Sc. HHHH TT	Sc. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Jacobabad ..													
Karachi ..	00 00	900 228 228	808 202 202	800 188 185	653 122 112	585 022 502	305 662 698	296 725 742	250 840 999	150 090 999	115 132 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 218 165	770 215 162	482 000 999	450 530 999	425 522 999	350 580 999	250 680 999	..	..	250 680 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of °C.
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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
Bagra ..	19 03	13 02	12 03	15 06	15 09	..	..	..	..	..	..	..	..	..	..	12 06	14 08	14 12	12 10	12 11	16 13	..	..	..	..	..
Chaklala ..	..	16 12	15 14	16 10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	24 04	23 04	14 04	08 09	04 11	03 13	02 14	05 05	07 03	26 11	26 13	28 10	35 10	03 12	..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	16 02	14 07	13 10	14 17	13 23	13 15	..	..	..	13 17	14 19	14 25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	16 12	×× ××	13 17	13 24	..	..	..	..	..	13 17	14 19	14 25	..	..	..	16 12	16 13	15 15	15 09	..	..	..	..	..	..	..
Dacca ..	19 02	10 02	10 03	11 09	12 11	17 06	18 10	17 18	12 05	12 09	13 10	14 15	15 17	14 13	14 15	16 10	15 10	16 12	15 21	..	..	..	..	..	..	..
Dalhousie ..	..	..	19 01	20 07	18 10	18 15	18 16	11 12	29 01	..	..	37 06	22 11	21 12	20 07	..	..	16 01	20 07	22 08	21 04	11 13	..	..	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	07 03	04 04	01 13	01 19	36 22	..	..
Drosh ..	..	..	..	24 08	23 13	22 09	21 21	..	..	..	..	..	..	22 03	22 03	..	..	..	..	..	..	..	..	..	..	..
Fort Sandeman ..	..	..	..	02 10	04 13	04 12	34 21	34 28	33 22	..	..	04 06	22 03	17 10	..	..	..	..	..	..	..	..	..	..	..	..
Jacobabad ..	06 13	06 12	10 13	10 07	02 10	03 20	..	..	..	33 07	31 06	11 10	10 12	13 06	26 00	09 11	10 10	11 08	03 05	03 10	01 15	04 27	06 17	06 11	10 07	10 03
Jacobabad ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	14 08	12 10	11 13	12 17	09 17	06 10	..	..	..	30 06	35 06	07 05	13 07	10 10	10 10	12 04	14 03	13 03	12 04	10 06	07 06	08 04	03 04	02 05	..	..
Jhelum ..	16 12	15 12	14 08	17 04	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jiwani ..	26 14	26 13	33 10	06 17	08 18	06 13	05 08	35 03	29 04	29 18	29 22	29 19	..	..	..	28 09	29 12	32 10	06 13	07 18	06 28	..	..	..	..	..
Karachi ..	02 12	04 12	04 11	05 10	02 14	04 15	02 17	01 12	01 15	..	..	..	..	..	..	02 12	03 12	03 18	04 19	03 21	02 21	..	..	..	..	..
Khanpur ..	08 12	09 21	10 20	12 27	11 19	11 17	..	..	..	No	ascent	..	..	..	..	13 04	14 19	12 21	11 21	11 16	10 19	..	..	..	..	..
Lahore ..	04 14	03 17	03 18	36 20	34 20	36 22	..	..	..	06 14	04 08	03 11	01 17	02 18	03 24	..	..	..	..	..	..	..	..	..	..	..
Multan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mianwali ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	36 06	32 08	19 02	09 04	01 02	36 03	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	24 04	24 05	35 50	31 08	27 01	..	..	..	..	17 05	27 08	..	..	..	..	28 03	32 09	02 13	06 13	13 04	10 03	24 15
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	21 03	16 02	11 05	17 07	16 07	18 06	15 08	14 08	08 17	No	ascent	..	..	..	..	15 03	25 03	28 05	..	* ..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	28 17	10 14	10 10	36 11	04 12	05 15	06 19	07 25	18 19	12 14	07 17	08 10	09 19	09 22	09 31	10 51	11 47	10 38
Peshawar ..																		
Quetta ..																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

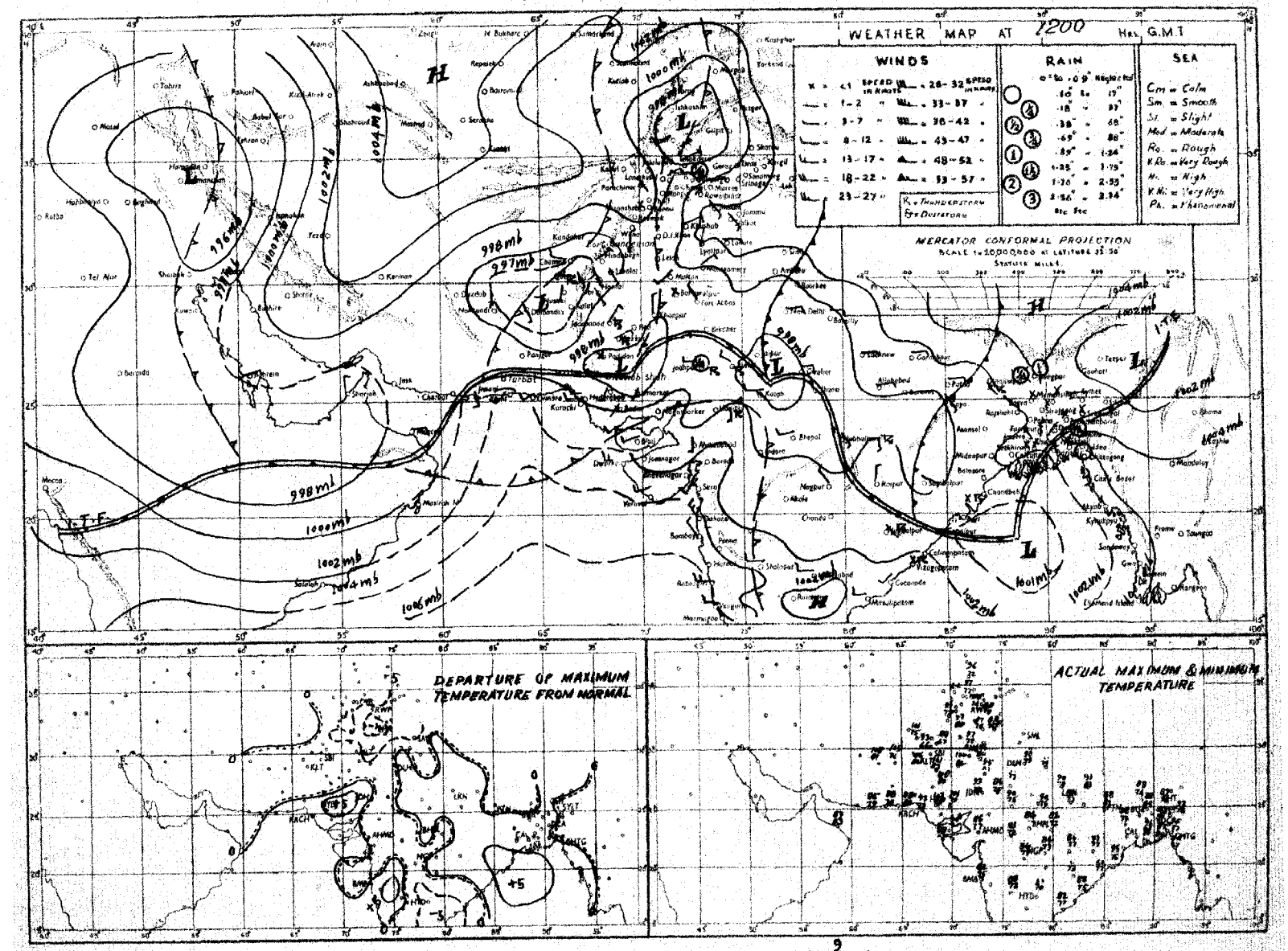
Cloud observation Data (GGiii $Cddv_Tv_T$ etc)

06712 31113

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.

PAKISTAN DAILY WEATHER MAP

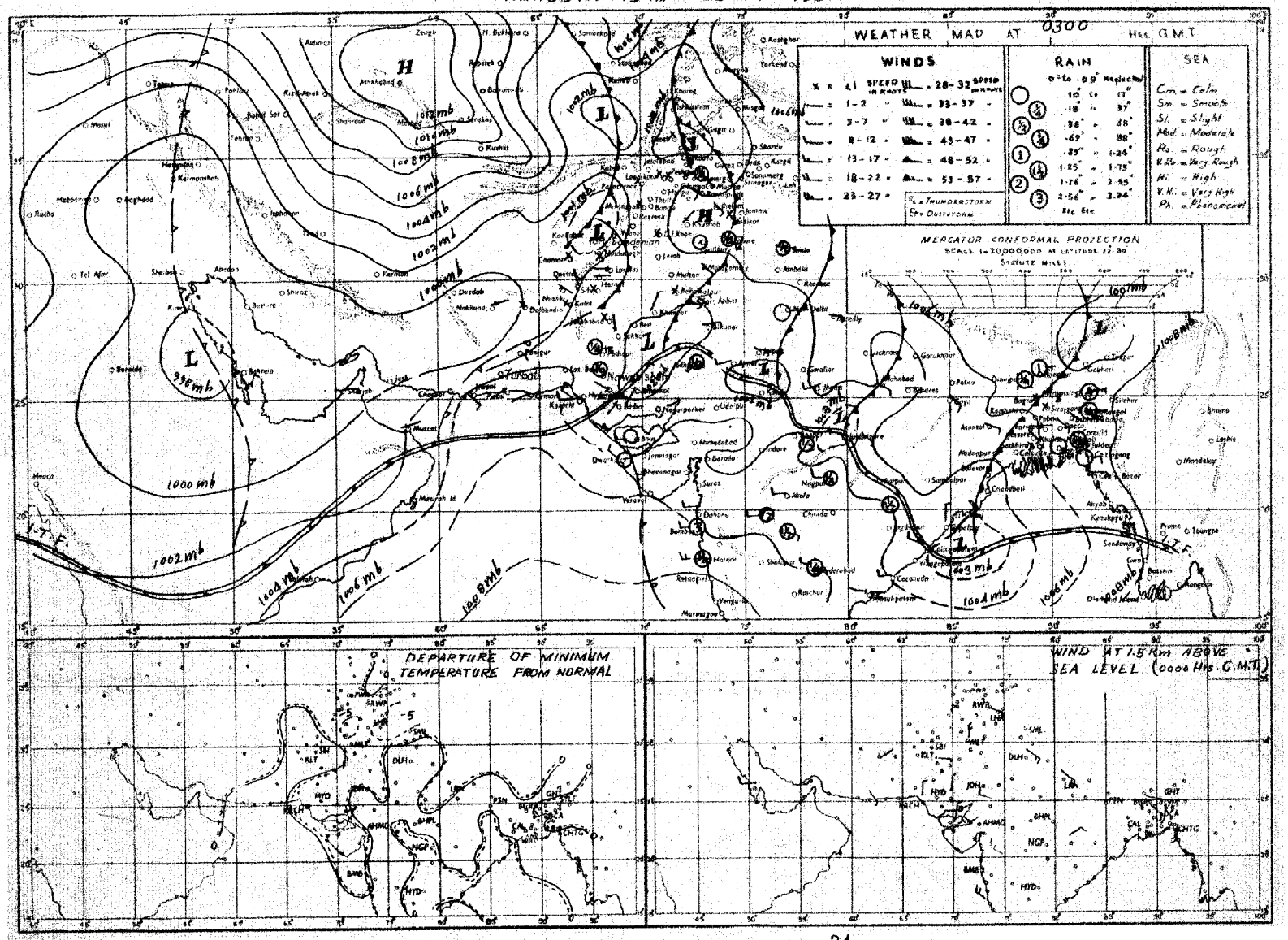
WEDNESDAY 14th AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 15th AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

FRIDAY, THE 16th AUGUST, 1957.

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

Yesterday's low pressure wave over East Kashmir has moved away eastwards and a fresh low pressure wave is moving across Peshawar division and Kashmir. A low lies over Hyderabad division and neighbourhood.

Fairly widespread rain/thundershowers have occurred in Hyderabad division and the Federal Capital Area and scattered in Quetta division. Light rain/drizzle is also reported from Lahore, Multan and Bahawalpur divisions and isolated thunderstorm from Khairpur division.

Yesterday's low pressure wave over West Central Bay of Bengal now lies over Orissa and adjoining areas. Local rain has fallen in Chittagong and Rajshahi divisions and scattered in Dacca division.

Chief amounts of rainfall are:—Rangpur ¾"; Bogra and Harnai ½" each; Maijdee Court, Srimangal, Barisal, Khulna, Badin and Umarkot ¼" each.

Day temperatures were 3-7°F below normal in Rawalpindi, Lahore, Multan, Bahawalpur and Quetta divisions and were 5-8°F above normal in Hyderabad division and 2-3°F so in lower Chittagong division.

Forecast valid until the evening of 17th:—Local rain will fall in East Pakistan. Rain/thundershowers will be scattered in West Pakistan and Kashmir outside Kalat division.

Karachi-11.
The 16th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director. Meteorological Service.

		At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																		Departure from Normal of		Rainfall			
DIVISIONS.	STATION	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature° TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature °F TnTn	Maximum Temperature TxTx	Minimum Temperature TnTn	Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar																		000	9	3	16	07	96	01	6	066	86	3	3	7	7	0	76	xx		x	88.7	+ 6.6	99.6	140
	Chittagong	006	5	5	20	09	96	02	6	036	83	5	6	1	0	0	76	88	006	0	5	09	05	97	01	1	065	85	2	4	7	4	0	76	xx	+ 3	x	54.4	- 1.5	41.8	108
	Maijdee Court	000	6	5	13	02	96	03	1	037	85	2	1	6	2	0	75	88	020	2	8	13	02	96	01	6	095	85	4	2	6	2	2	79	79	+ 2		42.2	- 15.3	50.4	115
	Comilla	000	0	4	18	02	98	03	0	035	86	4	4	5	0	0	77	90	005	8	5	18	07	99	03	6	068	85	3	4	5	5	0	77	78	+ 3	+ 2	32.3	- 11.6	44.2	94
	Brahmanbaria	002	3	6	00	00	97	03	6	033	82	6	4	3	0	0	79	90	002	0	4	18	02	97	03	2	068	85	4	4	3	0	0	78	80	—	—	30.1	- 3.6	47.9	78
	Sylhet	000	0	4	00	00	97	02	2	025	87	1	1	6	7	8	77	90	003	1	7	00	00	96	61	6	066	81	5	7	4	7	0	78	79	—	—	57.1	—	107.7	
	Srimangal	000	0	3	00	00	97	03	1	xxx	xx	x	x	x	x	x	79	92	026	9	3	18	02	97	02	9	068	85	3	8	6	0	0	76	11	+ 2		44.0	+ 4.0	70.5	98
Dacca	Mymensingh	000	0	4	09	02	99	81	2	031	89	0	0	9	0	4	76	90	000	0	6	00	00	97	02	1	069	84	6	2	5	0	0	79	80	+ 2	+ 2	41.4	0	55.5	91
	Narayanganj	000	9	6	18	03	94	03	1	032	86	2	4	5	0	8	75	90	000	9	7	16	03	95	03	2	064	89	7	4	5	0	0	76	82	+ 3	+ 3	36.4	+ 4.3	52.6	74
	Dacca (Tezgaon)	001	9	7	18	03	98	03	2	028	85	2	9	6	0	4	78	89	000	9	5	18	05	98	02	1	058	87	4	4	4	0	1	76	81	—	—	19.2	—	54.1	
	Faridpur	000	8	5	16	05	96	01	2	030	84	2	4	8	1	6	78	86	000	9	3	16	02	96	03	0	048	86	3	5	7	0	0	79	80	- 1	+ 2	33.9	+ 1.9	46.0	71
	Barisal	019	4	6	13	02	96	07	6	035	85	6	0	9	6	0	76	87	019	8	6	00	00	96	02	6	055	87	8	0	9	6	0	77	81	—	+ 3	29.4	- 9.9	46.6	81
Rajshahi	Khulna	000	0	6	00	00	97	01	2	031	81	6	4	7	0	0	78	89	037	3	7	00	00	97	01	6	055	86	7	4	3	0	0	79	79	+ 2	+ 1	31.3	- 2.7	39.3	68
	Satkhira																		000	0	6	00	00	99	03	2	060	89	4	5	9	9	0	74	79		+ 1	25.3	- 6.3	31.1	65
	Jessore	000	0	2	18	03	97	01	2	20	84	2	8	6	0	0	80	90	000	0	5	13	05	97	01	0	043	86	5	8	6	0	0	79	79	—	—	33.0	+ 2.3	36.3	65
	Sirajganj	000	0	3	18	02	96	00	0	019	85	3	1	6	0	1	81	87	000	0	6	00	00	96	03	2	049	85	6	2	5	0	0	78	82	0	+ 3	45.4	+ 15.7	56.4	64
	Bogra	000	0	5	13	03	96	02	0	024	88	5	4	6	0	0	78	98	050	4	6	00	00	97	02	9	055	83	6	6	6	0	0	79	79	+ 10	+ 1	46.3	+ 14.1	53.7	69
	Dinajpur	000	2	4	00	00	96	02	2	037	90	0	0	9	2	0	77	92	000	2	5	00	00	96	02	2	056	85	0	0	9	3	0	78	78	+ 3	0	37.2	+ 1.9	40.6	72
	Rangpur	000	0	4	18	02	96	01	2	xxx	88	2	5	6	2	0	85	92	082	1	6	05	02	96	01	6	xxx	81	6	8	6	x	x	81	78	+ 3	0	42.6	+ 2.1	51.4	84
Kashmir	Jammu																																								..
Lahore	Lahore (Jail Rd.)	004	9	6	00	00	96	01	5	013	88	4	5	6	3	4	78	89	004	0	2	00	00	96	03	0	035	85	1	5	7	3	0	77	79	- 9		11.1	+ 2.3	19.8	19
	Sialkot	000	9	3	00	00	98	01	2	018	91	0	0	9	2	3	78	91	000	5	5	00	00	98	00	2	034	83	2	3	8	3	6	79	80	- 3	+ 2	10.0	- 6.0	33.1	32
Rawalpindi	Jhelum	000	8	3	23	02	98	02	1	006	92	3	1	6	0	0	76	94	000	5	1	00	00	98	02	1	036	85	1	0	9	3	0	75	79	—	—	9.5	—	30.3	..
	Rawalpindi	000	0	3	23	02	99	02	0	986	92	5	2	6	0	0	73	93	000	0	2	00	00	98	02	0	024	87	2	2	7	0	0	71	77	- 1	+ 2	11.8	- 3.7	27.7	36
	Khushab	000	0	2	09	05	99	01	1	004	93	1	2	6	0	8	74	95	000	0	1	07	02	99	03	0	032	89	1	2	6	0	0	76	80	- 5		5.3	- 1.8	14.1	15
Multan	Lyallpur	000	0	7	05	02	96	03	0	014	91	7	3	8	0	0	78	91	000	0	0	20	02	96	00	0	034	87	0	0	9	0	0	79	80	- 7	0	6.5	+ 0.5	12.6	17
	Montgomery	000	0	4	13	03	97	01	2	004	89	4	5	7	0	0	78	91	000	2	7	36	02	97	50	5	987	82	7	5	7	0	0	79	80	- 10	- 2	0.2	- 5.3	4.0	10
	Multan	000	8	1	13	02	96	01	0	002	96	0	0	9	0	1	73	97	000	0	1	05	02	96	01	0	024	83	0	0	9	0	1	79	79	- 2	- 1	0.7	- 2.9	4.1	7
Bahawalpur	Leiah																																								8
	Khanpur	000	0	4	09	05	96	03	1	983	98	4	4	7	0	0	xx	93	000	0	6	05	05	96	01	1	014	88	0	0	x	0	4	78	83	- 10	+ 2	0.2	- 3.6	1.2	6
	Bahawalpur	000	0	8	00	00	96	03	0	998	91	8	0	8	4	0	78	97	000	0	3	00	00	97	00	0	020	85	3	0	9	0	6	79	82	- 4	+ 1	1.0	- 2.5	2.3	6
	Fort Abbas	000	0	8	05	03	96	21	2	005	83	8	1	6	0	0	73	95	000	0	4	09	03	97	02	0	018	92	4	2	9	0	0	79	80	—	—	1.6	—	4.9	8
Peshawar	Chakdara	000	0	1	xx	xx	98	01	1	960	95	1	2	7	0	x	73	94	000	0	8	27	xx	97	02	9	008	81	0	x	7	6	x	74	61	—	—	20.7	—	18.2	
	Peshawar	000	0	3	05	05	98	02	1	969	99	2	1	7	3	0	71	99	000	0	2	36	03	98	02	0	015	83	1	5	6	3	0	75	79	+ 1	0	1.7	- 1.3	12.8	14
	Haripur	000	9	4	18	02	97	03	0	988	95	4	0	9	3	0	70	96	000	9	3	31	02	97	03	0	021	83	3	0	9	0	5	75	80	—	—	3.6	—	17.7	..
	Campbellpur	000	1	3	18	19	99	01	1	989	97	3	3	6	0	0	77	97	000	0	2	13	05	99	01	1	023	88	2	3	6	0	0	70	85	—	—	3.4	—	18.8	..
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	989	97	0	0	9	0	0	70	98	000	0	0	09	01	99	00	1	022	86	0	0	9	0	0	75	82	—	—	1.5	—	8.6	11
	D.I. Khan	000	6	2	00	00	98	03	0	004	99	2	0	9	0	0	89	00	000	0	0	00	00	98	00	0	022	87	0	0	9	0	0	79	81	0		2.0	- 2.1	7.4	10
Quetta	Sibi	000	8	0	00	00	99	00	0	968	05	0	0	9	3	0	78	06	000	0	0	00	00	99	00	0	018	87	0	0	9	0	0	77	87	—	—	1.1	—	6.2	5
	Nokkundi	000	0	0	11	02	99	02	0	899	08	0	0	9	0	0	49	09	000	0	0	07	02	98	02	0	005	90	6	0	9	0	0	39	85		—	0	—	1.9	2
Kalat	Turbat																																								4
	Jiwani	000	0	2	20	09	97	03	1	020	84	1	6	5	0	1	72	87	000	0	8	23	05	96	03	2	047	80	7	6	4	2	0	73	78	—	—	0	—	3.1	6
	Pasni	000	0	2	23	17	96	00	0	034	86	2	0	9	3	0	81	91	000	0	3	25	05	96	00	0	059	81	3	0	9	3	0	76	77	+ 3	+ 1	0	- 0.9	0.2	6
	Ormara	000	0	0	xx	xx	98	00	0	025	86	0	0	9	0	0	82	87	000	0	7	xx	05	98	02	1	056	81	4	2	7	0	2	78	79	—	—	0	- 0.8	3.8	8
	Las Bela																																								
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	12	97	01	1	012	86	0	0	9	0	1	80	88	011	4	8	27	09	96	50	6	038	80	7	7	9	2	6	77	79	+ 3	+ 1	0.6	- 4.4	1.0	8
	Karachi (Air port)	000	0	2	25	10	97	02	0	006	89	0	0	9	4	0	75	96	012	1	8	27	07	97	60	9	052	79	8	6	5	x	x	78	78	—	—	0.8	—	1.2	..
	Badin																		037	8	9	23	02	xx	68	0	049	81	0	7	9	0	0	77	xx		x	0.7	+ 4.7	0.7	9
	Nagarparker																																								..
	Umarkot	000	0	0	31	03	97	00	0	962	92	0	0	9	0	0	79	03	021	0	0	23	03	97	00	0	000	84	0	0	9	0	0	79	80	—	—	3.2	—	3.0	7
	Hyderabad	000	0	4	00	00	97	01	2	987	01	2	5	6	0	5	70	04	000	8	6	23	07	97	01	9	019	84	0	0	9	7	0	74	80	+ 9	+ 1	0.2	- 4.5	2.0	
Khairpur	Pad-i-dan	000	0	0	23	02	97	00	0	001	93	0	0	4	0	0	74	99	000	0	6	05	05	97	03	2	015	87	2	4	7	7	0	71	83	—	—	0	—	1.2	..
	Nawabshah	000	0	3	36	02	97	03	1	986	01	1	1	7	0	1	72	xx																		—	—				4
	Sukkur	000	4	4	02	05	96	03	2	984	98	0	0	9	3	0	75	00	000	9	3	36	02	96	02	0	012	89	0	0	9	0	8	78	82	—		0.1	—	2.9	..
	Kashmore	000	0	6	09	06	95	00	0	991	97	6	2	5	0	0	77	99	000	0	0	05	02	99	00	0	044	91	0	0	9	0	0	77	87	—	—	—	—	—	4
	Jacobabad	000	0	7	13	05	95	17	2	992	96	5	9	6	1	0	75	02	000	0	6	31	05	96	01	1	021	85	0	0	9	4	0	70	85	- 3	+ 3	0	- 2.0	3.5	
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								..
Arabia	Muscat	000	0	2	09	09	99	01	2	005	83	0	0	8	0	1	79	85	000	0	0	00	00	99	00	1	028	81	0	0	9	0	0	78	81	0	—	0.1	6.9		4
	Kuwait																																								..
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								71
	Sonamarg **																																								26
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								..
	Misgar **																																								..
	Aliabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	000	5	8	27	02	97	03	4	451	68	8	9	3	x	x	65	68	000	9	9	31	05	90	49	1	469	64	9	x	0	x	x	64	62	- 3	+ 5	18.4	- 6.6	52.3	18
Peshawar	Drosh *	000	0	1	23	09	96	01	0	495	96	1	2	7	0	0	52	00	000	4	3	00	00	96	01	1	462	80	3	2	7	0	0	60	75	—	+ 3	1.1	—	23.2	29
	Cherat *	000	7	0	13	05	98	00	1	450	85	0	0	9	0	0	63	87	000	0	0	00	00	97	00	0	468	75	0	0	9	0	0	69	72	—	+ 2	3.3	- 4.6	24.0	
	Kakul *	000	8	5	20	05	99	03	1	454	82	5	5	6	0	0	69	84	060	9	7	18	02	97	02	2	469	76	7	9	6	0	0	71	72	—	—	7.7	—	35.2	..
	Landi Kotal *	000	0	1	02	03	97	01	0	442	90	1	1	6	0	0	64	92	000	0	3	02	03	97	03	0	455	78	3	0	9	5	0	69	75	—	—	0.8	—	15.0	29
	Parachinar *	000	0	8	13	02	99	00	0	795	81	8	0	8	x	x	61	xx	000	0	0	00	00	98	00	0	794	70	0	0	9	0	0	53	—	x	—	5.9	—	25.0	13
D.I. Khan	Miranshah *	000	0	6	00	00	98	00	0	505	90	0	0	8	4	2	86	93	000	0	0	00	00	99	00	0	504	80	0	0	9	0	0	76	77	—	—	2.5	- 1.0	14.8	
	Wana *	000	0	0	00	00	97	00	0	476	75	0	0	9	0	0	67	09	000	0	0	00	00	98	00	0	467	74	0	0	9	0	0	63	64	—	—	1.0	—	13.1	11
Quetta	Fort Sandeman *	000	0	3	23	05	96	03	1	436	92	3	2	6	0	0	53	93	000	0	0	23	02	96	00	0	467	77	0	0	9	0	0	65	70	- 6	- 3	2.0	- 1.9	12.5	..
	Hindubagh *	000	0	6	05	05	98	03	0	423	89	6	6	7	0	0	44	93	000	0	0	00	00	98	00	0	469	75	0	0	9	0	0	50	63	—	—	0	—	12.3	
	Loralai *	000	0	6	20	02	98	02	1	438	88	0	0	9	2	0	66	89	000	2	2	05	02	96	02	1	453	74	0	0	9	3	0	67	66	—	—	1.7	—	10.6	14
	Harnai *	000	0	5	13	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	045	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	x	2.0	- 3.3	14.3	9
	Quetta *	000	0	4	34	02	96	01	0	402	93	0	2	8	0	0	52	95	000	0	3	00	00	95	03	1	445	75	0	0	9	4	0	62	65	—	—	0	- 1.0	9.5	8
	Chaman *	000	0	0	25	05	96	00	0	439	99	0	0	9	0	0	85	00	000	9	1	20	09	97	07	0	458	86	0	0	9	0	1	79	78	+ 1	+ 6	0	- 0.1	10.2	7
Kalat	Kalat *	000	0	0	13	03	98	00	0	436	81	0	0	9	0	0	56	89	000	0	0	00	00	98	00	0	465	72	0	0	9	0	0	55	63	- 1	+ 6	0	- 1.1	8.4	..
	Nushki *	000	0	0	36	06	95	00	0	465	04	0	0	9	0	0	55	05	000	0	0	18	10	97	00	0	499	86	0	0	9	1	0	61	83	—	—	0	—	8.0	4
	Dalbandin *	000	8	4	13	02	95	05	1	427	05	3	1	7	3	0	52	07	000	0	4	05	03	95	05	1	448	86	1	0	9	4	6	65	81	0	+ 10	0	- 0.3	4.4	5
	Panjgur *																																								12
Afghanistan	Kabul *	000	0	2	36	02	99	03	0	473	87	2	1	9	0	0	72	91	000	0	1	14	02	99	03	0	522	74	1	1	[illegible]	0	0	58	64		—	—	—	—	..
	Kandahar *																																								

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

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SEP 15 1958
WEATHER BUREAU

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 16th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Saudi	53 186	654 00	4 25 25	98 02 1	053 81	31 6 30	..	..	..	..
Seihomaru	53 212	640 00	8 25 18	97 02 2	040 81	84 4 ××	8 5 715	..	0 51 ××	..
Taihomaru	53 215	623 00	8 19 13	96 02 1	060 77	84 4 ××	7 6 505	..	0 52 77	..
Udomaru	53 159	654 00	4 29 16	97 01 2	035 77	28 5 2×	3 6 710	..	0 52 ××	..
British Resource	53 211	596 06	8 21 15	96 10 5	045 75	86 3 ××	1 5 115	..	0 03 74	1 21 33
Seihomaru	53 220	632 06	8 25 17	97 02 2	050 81	84 4 ××	7 5 210	..	0 01 ××	..
Taihomaru	53 225	611 06	8 19 13	95 02 2	060 77	84 4 ××	7 6 400	..	0 52 77	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	000 272 268	..	..	400 232 232	..	137 122 122	416 070 070	593 005 005	355 610 610	950 745	..	..	..
Lahore ..														
Multan ..														
Peshawar ..	00 00	962 272 255	..	..	400 252 238	..	086 152 122	38× 105 035	882 035 522	558 550 999	987 638	288 788	..	754 105
Quetta ..	00 00	828 208 165	..	..	..	..	138 155 502	416 073 999	..	..	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPP TTT $T_dT_dT_d$									PPP TTT TdTdTd	St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	953 260 260	917 235 235	900 232 232	800 200 200	623 075 075	350 715 999	342 728 999	290 750 999	250 822 999	250 822 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 262 232	800 222 195	307 690 350	250 695 999	150 888 999	050 915 999	048 905 999	..	..	048 905 999	..	..
Quetta ..	00 00	807 225 132	800 222 118	655 098 999	..	..	..	..	..	..	655 098 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)					
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ..	15 12	15 10	16 12	..	..	..	.	..	..	No	ascent	..	..	..	..
Chaklala ..	..	20 06	18 04	15 05	11 05	..	..	..	..	..	12 03	15 07	18 05	23 04	31 15
Chhor ..	30 15	29 20	28 15	34 03	..	..	..	..	..	25 17	25 19	26 15	18 04	..	..
Chittagong ..	20 20	19 19	19 21	17 19	16 17	14 14	..	..	..	17 19	17 13	17 18	17 15	19 11	20 11
Cox's Bazar ..	18 19	18 18	18 19	17 15	..	..	..	..	..	17 16	17 17	17 17	19 12	..	..
Dacca ..	15 06	15 10	15 15	15 15	14 17	13 15	15 10	19 04	06 04	17 12	18 12	18 12	17 08	18 07	18 06
Dalbandin ..	..	..	16 06	19 02	08 03	22 02	35 05	03 03	02 05	..	..	18 09	23 12	25 21	32 09
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Orosh ..	..	..	..	23 10	22 10	20 06	35 09	28 09	..	.	--	..	..	22 08	22 06
Fort Sandeman ..	..	..	..	36 13	03 09	06 11	02 19	26 07	23 16	..	..	..	05 11	.. 07	01 07
Jacobabad ..	12 03	08 03	08 02	04 04	..	..	..	..	..	09 03	10 04	11 08	10 05	36 17	..
Jessore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	18 05	18 05	19 03	19 02	05 02	36 06	09 03	01 05	..	12 01	16 05	19 05	19 07	20 13	31 05
Jiwani ..	16 10	11 09	11 10	12 07	04 03	07 09	08 10	07 05	..	23 09	23 05	16 05	14 06	08 02	..
Karachi ..	27 16	27 08	31 06	02 07	04 13	05 18	06 08	12 08	07 12	29 11	..	..	..	..	..
Khanpur ..	02 17	04 17	04 17	06 15	05 13	05 16	01 07	20 10	15 07	06 10	05 11	04 12	03 16	03 23	04 15
Lahore ..	07 09	09 10	09 11	12 14	12 13	..	..	..	..	08 06	08 14	12 19	19 10	14 04	10 09
Multan ..	05 13	05 18	05 16	04 12	02 10	07 12	..	..	..	06 08	07 01	06 08	04 06	04 14	02 05
[illegible] ..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	06 15	08 15	14 07	17 11	31 05	30 07	03 09	03 13	..	01 07	15 06	25 02	14 10	14 09
Quetta ..	..	..	..	..	15 06	22 06	02 07	..	..	..	..	..	..	22 02	28 08
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	27 04	28 06	28 08	23 03	13 02	31 05	29 03	30 09	07 18	..	..	..	..	..	..
Veraval ..	--	..	..	..	..	..	..	..	..	.	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	13 06	14 04	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	--	..	..
Chittagong ..	17 09	18 12	19 16	18 14	18 10	..	..	..	..	..	..
Cox's Bazar ..	17 12	16 13	15 15	..	..	..	..	..	..	..	..
Dacca ..	18 06	18 07	18 10	19 11	18 10	18 10	19 05	20 04	16 04	11 02	10 02
Dalbandin ..	..	..	24 07	25 13	29 10	01 11	11 15	14 13	14 09	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Orosh ..	..	..	..	..	23 09	22 06	21 10	20 18	20 24	..	..
Fort Sandeman ..	..	..	..	34 03	15 01	02 05	01 13	27 02	24 11	24 16	25 14
Jacobabad ..	32 03	33 01	05 02	08 05	06 07	04 06	..	..	..	.	..
Jessore ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	22 01	24 02	24 04	31 04	34 03	02 01	08 04	23 04	25 11	..	..
Jiwani ..	19 03	20 07	19 07	09 05	..	..	..	..	..	..	..
Karachi ..	28 17	28 16	29 08	01 08	03 14	04 19	..	..	..	..	..
Khanpur ..	..	05 10	04 10	04 13	05 18	05 22	02 08	..	..	..	..
Lahore ..	09 02	09 04	09 04	09 05	06 05	06 03	26 05	22 06	21 05	..	..
Multan ..	03 10	06 08	08 08	08 07	..	..	..	..	..	..	..
[illegible] ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	04 05	05 05	36 02	20 05	16 02	33 07	35 06	01 03	24 32	26 35
Quetta ..	..	..	..	..	35 01	35 09	07 09	20 10	22 09	20 15	18 10
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	25 04	21 07	21 08	21 08	22 09	24 10	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 23	27 20	31 14	36 12	32 12	03 12	09 14	10 14	09 14	11 23	09 41	10 60						
Peshawar ..	—	×× ××	×× ××	×× ××	13 08	33 05	02 10	34 05	01 04	32 08								
Quetta ..																		

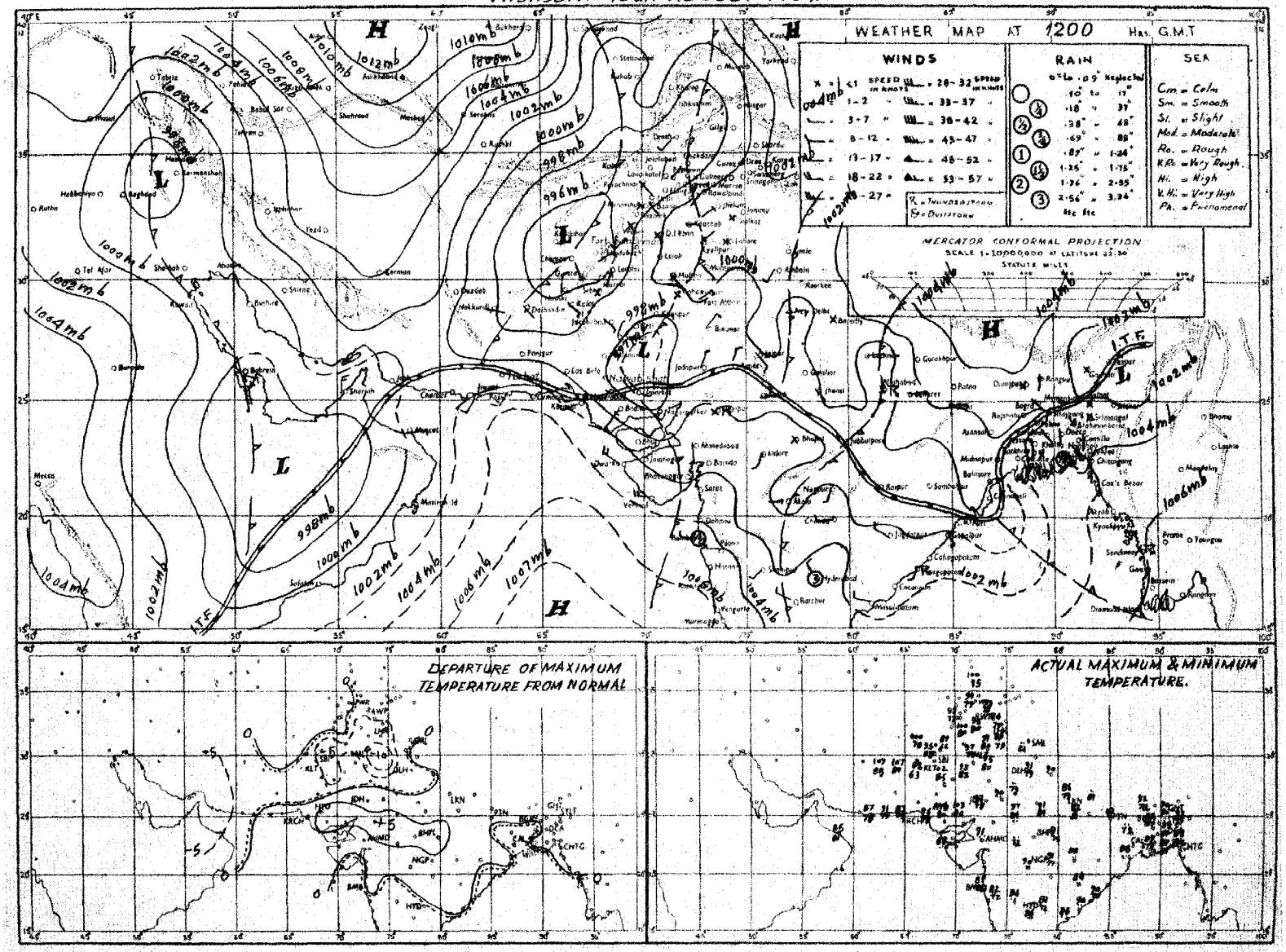
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

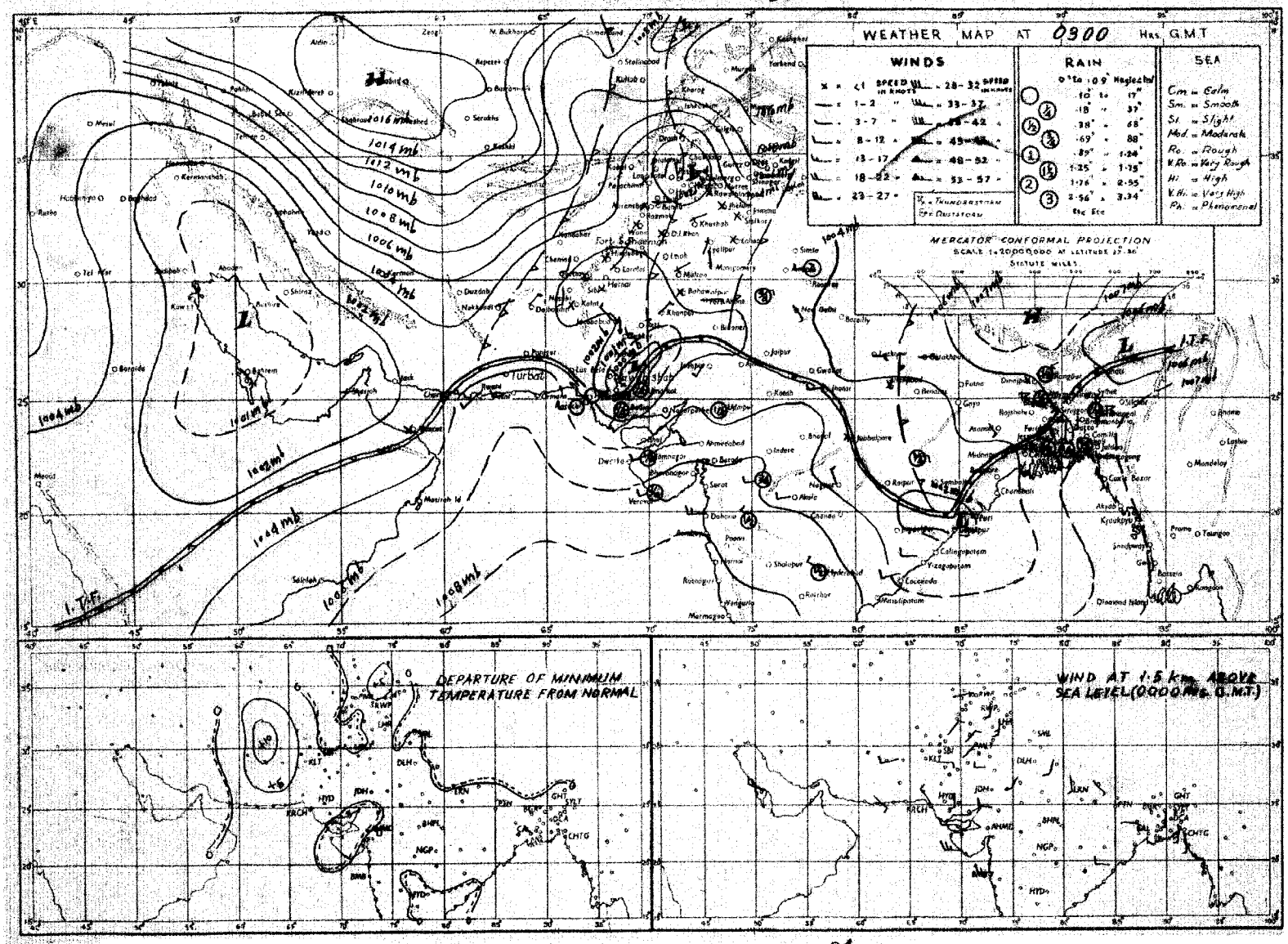
THURSDAY 15th. AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 16th AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S.1467

SATURDAY, THE 17th AUGUST, 1957.

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

Yesterday's low pressure wave over Peshawar division and Kashmir moved away eastwards while a fresh one is now passing across Peshawar and Rawalpindi divisions.
The low over Hyderabad division and neighbourhood has become unimportant.
Scattered thunderstorm/showers have occurred in Rawalpindi, Multan and Khairpur divisions.
Yesterdays's low over Orissa Persists.
A low pressure wave is passing across sub-Himalayan West Bengal.
Rainfall has been local in Chittagong division and scattered in Rajshahi division.
Chief amounts of rainfall are:—Cox's Bazar and Brahmanbaria ½" each and Sylhet and Satkhira ¼" each.
Day temperatures were nearly normat over West Pakistan and were 3-4°F above normal in East Pakistan.
Forecast valid until the evening of 18th:—Rainfall will be fairly widespread in the northern districts and local elsewhere over East Pakistan. Scattered thunderstorm/showers will occur in Peshawar and Rawalpindi divisions and Kashmir.

Karachi-11,
The 17th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	3	16	03	96	01	0	036	85	3	3	7	6	0	78	89
	Chittagong	000	0	4	xx	xx	96	02	1	027	85	3	5	7	1	0	76	89
	Maijdee Court	000	9	5	13	02	97	01	1	024	86	0	0	9	2	1	79	89
	Comilla	000	0	4	18	02	99	03	0	023	87	2	4	5	5	0	78	91
	Brahmanbaria	040	1	3	00	00	97	01	6	024	84	3	4	3	0	0	80	89
	Sylhet	023	7	6	00	00	96	02	6	025	81	5	4	6	4	0	75	87
	Srimangal	006	3	8	00	00	97	60	6	033	80	8	5	6	x	x	78	91
Dacca	Mymensingh	000	0	4	00	00	99	02	1	026	86	4	2	4	0	0	79	89
	Narayanganj	000	9	6	18	85	95	03	1	028	84	3	4	5	0	9	78	92
	Dacca (Tezgaon)	000	2	5	18	03	98	02	6	026	87	3	8	5	4	1	79	90
	Faridpur	000	9	6	16	02	96	03	0	024	87	6	5	7	0	0	78	87
	Barisal	000	0	5	18	02	96	02	2	019	87	4	0	9	6	2	79	90
Rajshahi	Khulna	000	0	0	00	00	97	01	1	016	88	4	4	7	0	0	77	91
	Satkhira	028	0	6	00	00	98	03	6	013	87	4	5	9	9	0	81	90
	Jessore																	
	Siraiganj	000	0	2	00	00	96	02	0	c18	86	2	1	3	0	0	81	88
	Bogra	000	0	5	09	02	96	01	1	024	87	5	4	6	0	0	79	98
	Dinajpur	000	8	5	00	00	96	01	1	022	90	5	0	9	0	9	79	92
	Rangpur	000	0	5	18	02	96	01	2	xxx	88	2	5	6	2	0	80	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	6	00	00	96	03	2	995	93	4	5	7	2	2	80	96
	Sialkot	000	6	0	00	00	97	00	1	983	97	0	0	9	0	0	77	97
Rawalpindi	Jhelum	000	0	1	23	02	98	01	1	980	97	1	1	7	0	0	74	98
	Rawalpindi	000	0	3	00	00	98	02	0	982	95	3	2	7	0	0	73	97
	Khushab	000	0	2	00	00	99	01	0	984	97	0	2	6	0	8	73	99
Multan	Lyallpur	000	0	7	16	02	96	03	0	003	96	0	0	9	5	0	77	xx
	Montgomery	000	1	6	13	07	97	17	9	996	87	6	3	6	0	0	79	98
	Multan	000	0	1	05	02	96	01	0	981	99	1	1	9	0	0	74	01
Bahawalpur	Leiah																	
	Khanpur	000	0	6	36	02	96	02	2	975	00	6	4	8	0	0	79	01
	Bahawalpur	000	0	8	00	00	96	03	0	987	95	8	0	8	6	x	82	01
	Fort Abbas	000	0	8	05	03	97	02	0	986	92	8	1	6	x	x	70	96
Peshawar	Chakdara	000	0	1	xx	xx	98	01	1	923	94	1	2	7	0	0	74	96
	Peshawar	000	0	2	05	03	98	02	0	953	99	2	3	7	0	0	74	00
	Haripur	000	5	4	31	02	97	03	1	009	97	4	2	6	0	0	70	98
	Campbellpur	000	0	2	13	03	99	01	1	965	99	2	3	6	0	0	73	99
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	971	99	0	0	9	0	0	73	00
	D.I. Khan	000	0	0	00	00	98	00	0	985	01	0	0	9	0	0	79	02
Quetta	Sibi	000	2	2	00	00	99	03	1	975	05	0	0	9	3	0	72	06
Kalat	Nokkundi	000	0	0	34	05	98	02	0	943	05	0	0	9	0	0	48	06
	Turbat	000	0	0	23	02	97	00	0	031	01	0	0	9	0	0	82	02
	Jiwani	000	0	6	13	07	97	01	2	025	83	6	6	4	0	0	74	66
	Pasni	000	0	2	25	16	96	00	0	039	85	0	0	9	0	8	78	89
	Ormara	000	0	5	xx	xx	98	02	1	039	85	5	2	6	0	0	81	86
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	25	12	97	03	2	020	85	2	6	4	5	0	81	88
	Karachi (Air port)	008	0	7	25	10	97	03	5	017	86	5	5	5	5	0	76	86
	Badin	000	0	0	23	02	97	00	0	013	90	0	0	9	0	0	79	91
	Nagarparker	xxx	x	4	18	02	97	03	0	xxx	xx	4	2	7	0	0	xx	xx
	Umarkot	000	0	0	23	03	97	00	0	996	96	0	0	9	0	0	81	97
	Hyderabad	000	0	4	29	02	97	01	2	998	97	3	2	6	0	1	75	02
Khairpur	Pad-i-dan	013	6	6	27	02	97	03	9	990	92	2	3	7	7	0	79	94
	Nawabshah																	
	Sukkur	000	2	7	27	03	96	50	3	981	99	0	0	9	8	0	80	01
	Kashmore	000	0	4	13	02	99	00	0	990	xx	4	1	7	0	0	79	xx
	Jacobabad	000	0	5	18	07	97	01	1	984	01	3	5	7	5	0	75	03
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	00	00	99	00	0	013	84	0	0	9	0	0	77	86
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	067	78	0	0	9	0	0	31	81
	Alisbad *																	
	Gilgit *																	
Rawalpindi	Murree *	002	4	7	29	03	97	02	6	437	69	7	9	3	0	0	66	70
Peshawar	Drosh *	000	3	4	23	10	96	01	1	402	95	4	2	7	0	0	55	99
	Cherat *	000	7	2	18	03	98	01	1	431	87	2	2	6	0	0	68	89
	Kakul *	000	7	3	16	03	98	01	2	438	83	3	2	7	0	0	70	85
	Landi Kotal *	000	0	4	02	03	97	03	0	418	89	4	0	9	5	0	67	93
D.I. Khan	Parachinar *	000	0	8	13	02	99	02	0	796	81	8	8	8	x	x	62	xx
	Miranshah *	000	0	6	05	02	98	00	0	497	92	0	0	8	4	2	89	95
	Wana *	000	0	3	13	01	98	00	1	457	86	3	2	8	0	0	62	90
Quetta	Fort Sandeman *	000	0	4	00	00	96	03	1	426	94	4	2	6	0	0	56	96
	Hindubagh *	000	0	6	23	05	98	03	0	424	87	6	6	7	0	0	45	92
	Loralai *	000	0	3	13	02	98	02	1	437	88	0	0	9	3	0	64	89
	Harnai *	000	0	4	09	02	98	02	0	xxx	xx	0	0	9	3	0	xx	xx
	Quetta *	000	0	7	20	05	96	01	1	410	90	7	5	8	0	0	54	93
Kalat	Chaman *	000	0	0	13	02	96	00	0	444	00	0	0	9	0	0	87	01
	Kalat *	000	0	0	31	07	98	00	0	476	79	0	0	9	0	0	54	89
	Nushki *	000	0	0	36	10	95	00	0	465	04	0	0	9	0	0	58	06
	Dalbandin *	000	3	7	05	10	94	07	3	434	98	7	8	7	0	0	56	05
	Panjgur *	000	0	2	23	03	98	03	1	450	98	0	0	9	3	0	55	99
Afghanistan	Kabul *	000	0	5	36	02	98	03	1	471	88	5	4	7	0	0	74	91
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	065	9	5	16	03	96	03	6	043	85	4	4	6	1	0	78	78
Chittagong	000	0	5	16	05	97	01	1	047	85	2	4	7	4	0	77	79
Maijdee Court	000	6	5	00	00	96	03	1	045	86	2	1	6	2	0	79	80
Comilla	000	0	5	18	05	99	03	1	043	85	5	4	5	0	0	79	79
Brahmanbaria	040	0	4	18	02	97	03	2	046	84	4	4	3	0	0	78	80
Sylhet	028	9	7	00	00	96	61	6	047	78	5	4	6	4	0	77	78
Srimangal	006	0	7	18	02	97	03	2	047	86	7	8	6	0	0	79	77
Mymensingh	000	0	8	09	02	98	02	2	047	85	8	4	4	x	x	79	80
Narayanganj	000	9	7	18	02	95	03	2	043	88	7	4	5	0	0	77	82
Dacca (Tezgaon)	000	9	6	18	05	98	03	1	039	87	5	2	5	0	1	79	81
Faridpur	000	9	4	16	02	96	03	0	035	87	6	5	7	0	0	79	80
Barisal	000	0	8	00	00	96	02	2	037	89	8	0	9	6	x	70	81
Khulna	000	0	6	00	00	97	01	1	037	88	6	4	7	0	0	80	80
Satkhira	028	0	6	00	00	98	03	6	033	88	4	5	8	9	0	80	79
Jessore	000	0	4	18	05	97	01	0	038	86	4	8	6	0	0	82	80
Siraiganj	000	0	8	00	00	96	02	2	029	86	8	2	5	x	x	79	82
Bogra	000	0	4	20	02	97	02	1	036	86	4	4	6	0	0	79	81
Dinajpur	000	2	8	00	00	96	02	2	039	84	8	4	7	x	x	80	74
Rangpur	000	0	7	18	02	96	03	2	xxx	84	7	5	6	0	0	81	81
Jammu																	
Lahore (Jail Rd.)	000	0	3	09	02	96	01	0	009	87	0	0	9	0	1	81	82
Sialkot	000	4	7	00	00	97	03	2	002	87	7	5	6	0	0	81	83
Jhelum	000	0	4	31	02	97	03	0	003	85	2	0	9	3	1	79	82
Rawalpindi	000	0	2	00	00	99	02	0	999	89	2	2	7	0	0	77	79
Khushab	000	0	2	00	00	99	03	0	005	90	0	0	9	0	4	76	79
Lyallpur	000	0	4	13	02	96	01	0	009	88	0	0	9	0	3	79	83
Montgomery	000	9	3	13	02	97	01	8	999	88	3	0	9	3	0	80	82
Multan	000	1	1	13	02	96	01	0	004	87	0	0	9	0	1	79	79
Leiah																	
Khanpur	000	0	4	02	03	96	02	1	998	85	0	0	9	0	6	82	83
Bahawalpur	000	0	7	00	00	97	03	0	000	90	0	0	9	0	8	83	84
Fort Abbas	000	0	0	00	00	97	00	0	997	95	0	0	9	0	0	80	83
Chakdara	000	0	4	xx	xx	97	01	2	981	82	0	0	9	7	0	73	62
Peshawar	000	0	2	36	02	98	02	0	988	86	1	1	7	3	0	76	80
Haripur	000	5	1	23	02	97	01	0	992	88	0	0	9	0	3	74	82
Campbellpur	000	0	4	18	02	98	01	1	006	89	4	0	8	5	0	76	80
Bannu	000	0	0	05	02	99	00	0	992	90	0	0	9	0	0	77	83
D.I. Khan	000	0	0	00	00	98	00	0	995	89	0	0	9	0	0	79	84
Sibi	000	2	3	00	00	99	03	1	994	90	0	0	9	3	0	79	90
Nokkundi	000	0	0	02	09	99	02	0	001	92	0	0	9	0	0	47	84
Turbat	000	0	0	27	01	98	02	2	051	02	0	0	9	0	0	77	81
Jiwani	000	0	7	23	07	96	02	2	c44	81	6	5	4	3	0	75	xx
Pasni	000	0	2	27	00	96	00	0	053	79	0	0	9	0	8	76	78
Ormara	000	0	4	xx	10	96	01	1	040	80	4	2	6	0	0	77	xx
Las Bela																	
Karachi (Manora)	000	0	6	25	09	96	03	2	031	80	0	0	9	7	0	77	78
Karachi (Air port)	000	8	7	29	09	96	02	5	032	81	7	6	5	0	0	75	79
Badin	000	3	5	23	02	96	20	3	027	83	5	7	5	0	0	74	xx
Nagarparker	xxx	x	7	36	02	96	60	4	xxx	xx	7	2	6	0	0	xx	xx
Umarkot	000	0	0	23	03	97	00	0	000	84	0	0	9	0	0	75	79
Hyderabad	000	0	1	23	07	97	01	2	025	83	0	0	9	0	1	72	79
Pad-i-dan	013	9	3	13	05	98	01	9	998	84	0	0	9	3	2	76	81
Nawabshah	030	9	3	18	05	97	01	9	006	84	0	0	9	0	2	75	82
Sukkur	000	9	3	00	00	96	03	1	997	88	0	0	9	0	8	80	84
Kashmore	000	0	-	18	01	99	00	0	993	87	4	2	8	0	0	81	86
Jacobabad	000	0	4	13	03	97	01	2	000	88	0	0	9	0	8	78	73
Veraval																	
Jalalabad																	
Muscat	000	3	4	31	05	98	03	1	031	84	0	0	9	0	2	80	81
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Alisbad *																	
Gilgit *																	
Murree *	002	9	9	27	03	90	49	6	451	65	9	x	0	x	x	64	63
Drosh *	000	0	2	00	00	96	03	1	441	82	2	2	7	0	0	61	77
Cherat *	000	1	2	00	00	98	03	0	449	78	2	0	9	5	0	71	74
Kakul *	000	9	5	20	03	97	01	1	451	78	5	2	6	0	0	69	75
Landi Kotal *	000	0	1	02	02	97	03	0	441	83	1	0	9	5	0	67	77
Parachinar *	000	0	0	00	00	99	00	0	795	71	0	0	9	0	0	52	xx
Miranshah *	000	0	0	00	00	99	00	0	476	84	0	0	9	0	0	81	79
Wana *	000	0	0	00	00	98	00	0	457	75	0	0	9	0	0	63	69
Fort Sandeman *	000	0	0	06	02	97	00	0	447	81	0	0	9	0	0	64	72
Hindubagh *	000	0	0	27	05	98	00	0	447	78	0	0	9	0	0	45	66
Loralai *	000	0	3	27	02	98	02	1	436	72	0	0	9	3	0	63	67
Harnai *	xxx	x	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	2	00	00	95	03	1	445	74	0	0	9	4	0	56	62
Chaman *	000	0	0	20	07	97	00	0	474	79	0	0	9	0	0	73	71
Kalat *	000	0	0	00	00	98	00	0	467	75	0	0	9	0	0	47	61
Nushki *	000	0	0	36	03	97	00	0	516	82	0	0	9	0	0	52	81
Dalbandin *	000	0	6	05	02	95	05	1	457	91	6	0	9	5	0	49	84
Panjgur *	000	0	2	00	00	98	03	1	455	81	0	0	9	2	0	52	77
Kabul *	000	8	0	36	02	99	00	0	505	69	0	0	9	0	0	63	62
Kandahar *																	

Station (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1957 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1957 to date (41)	Rainfall: Annual normal (42)
Cox's Bazar	+ 4	+ 2	89.4	+ 6.2	100.3	140
Chittagong	+ 3	+ 3	54.4	- 2.3	41.8	108
Maijdee Court	+ 4	+ 2	42.2	- 16.0	50.4	115
Comilla	+ 4	+ 3	32.3	- 12.2	44.2	94
Brahmanbaria	—	—	30.5	- 3.6	40.3	78
Sylhet	—	—	57.4	—	107.9	..
Srimangal	+ 1	+ 1	44.1	+ 3.7	70.6	90
Mymensingh	+ 2	+ 2	41.4	- 0.5	55.5	91
Narayanganj	+ 5	+ 3	36.4	+ 3.9	51.6	74
Dacca (Tezgaon)	—	—	19.2	—	54.1	
Faridpur	0	+ 2	33.9	+ 1.5	46.0	71
Barisal	+ 3	+ 3	29.4	- 6.4	46.6	81
Khulna	+ 4	+ 2	31.3	- 3.1	39.2	[illegible]
Satkhira	+ 2	+ 1	25.6	- 6.4	31.4	[illegible]
Jessore	—	—	33.0	+ 1.9	36.3	[illegible]
Siraiganj	+ 1	+ 3	45.4	+ 15.4	56.4	[illegible]
Bogra	+ 9	+ 3	46.3	+ 13.7	53.7	[illegible]
Dinajpur	+ 3	- 4	37.2	+ 1.5	40.4	[illegible]
Rangpur	+ 3	+ 3	42.6	+ 1.7	51.4	[illegible]
Jammu						..
Lahore (Jail Rd.)	- 1	+ 4	11.1	+ 1.1	19.9	19
Sialkot	+ 3	+ 5	10.0	- 6.3	33.1	33
Jhelum	—	—	9.5	—	30.3	..
Rawalpindi	+ 3	+ 4	11.8	- 4.0	27.7	36
Khushab	- 1	- 2	5.3	- 1.9	14.1	15
Lyallpur	x	+ 3	6.5	+ 0.3	12.6	12
Montgomery	- 3	0	0.2	- 5.4	4.0	10
Multan	+ 3	- 4	0.7	- 3.0	4.1	7
Leiah						8
Khanpur	- 2	+ 2	0.2	- 3.7	1.2	6
Bahawalpur	+ 1	+ 3	1.0	- 2.6	2.3	4
Fort Abbas	—	—	2.3	—	3.3	6
Chakdara	—	—	20.7	—	18.2	
Peshawar	+ 2	+ 1	1.7	- 1.4	12.8	14
Haripur	—	—	3.6	—	17.7	..
Campbellpur	—	—	3.4	—	18.8	..
Bannu	—	—	1.5	—	8.6	11
D.I. Khan	+ 2	+ 3	2.0	- 2.1	7.6	10
Sibi	—	—	1.1	—	6.2	3
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	..
Jiwani	—	x	0	—	3.1	4
Pasni	0	+ 2	0	- 0.9	0.2	6
Ormara	—	x	0	- 0.8	3.8	6
Las Bela						8
Karachi (Manora)	+ 3	0	0.6	- 4.5	1.6	8
Karachi (Air port)	—	—	0.8	—	1.2	..
Badin	- 1	x	0.7	- 4.8	0.7	8
Nagarparker	—	x	—	—	—	..
Umarkot	—	—	3.0	—	3.0	7
Hyderabad	+ 7	0	0.2	- 4.6	2.0	
Pad-i-dan	—	—	0.1	—	1.4	..
Nawabshah	—	—	0.1	—	0.6	..
Sukkur	—	—	0.1	—	2.9	4
Kashmore	—	—	—	—	—	..
Jacobabad	0	- 9	0	- 2.0	3.5	4
Veraval						30
Jalalabad						..
Muscat	- 4	- 3	0	- 0.2	6.9	4
Kuwait						..
HILL STATIONS						
Srinagar *						26
Gulmarg **						71
Sonamarg **						26
Dras **						3
Leh **						6
Skardu *						..
Misgar **	—					5
Alisbad *						
Gilgit *						
Murree *	0	+ 6	18.4	- 7.1	52.3	59
Drosh *	+ 4	+ 5	1.1	—	23.2	18
Cherat *	+ 3	+ 4	3.3	- 4.8	24.0	29
Kakul *	—	—	7.7	—	35.2	..
Landi Kotal *	—	—	0.8	—	15.0	
Parachinar *	x	x	5.0	—	25.0	29
Miranshah *	—	—	2.5	- 1.1	14.8	13
Wana *	—	—	1.0	—	13.1	
Fort Sandeman *	- 1	- 1	2.0	- 2.0	12.6	11
Hindubagh *	—	—	0	—	13.5	
Loralai *	—	—	1.7	—	10.6	..
Harnai *	—	—	2.0	- 3.4	14.3	14
Quetta *	—	—	0	- 1.0	9.5	9
Chaman *	+ 3	- 1	0	- 0.1	10.2	8
Kalat *	0	+ 4	0	- 1.1	8.4	7
Nushki *	—	—	0	—	8.0	..
Dalbandin *	0	+ 13	0	- 0.3	4.4	4
Panjgur *	- 1	+ 4	0	—	4.2	5
Kabul *	—	—	—	—	—	12
Kandahar *						..

†Given in Code.
*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs, pressure level in geopotential metres, the thousands figure omitted.
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 day
Whenever 990 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 17th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C_{hs} h_s$	O T_sT_s T_dT_d	$I_d w_d w_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sawai	63 232	644 06	6 22 04	98 02 2	068 72	42 6 ××	..	..	..	..
Mulinos	63 206	512 06	8 18 02	96 4× 2	06× 79		..	..	..	..
Rimsai	63 243	660 18	2 23 04	98 01 0	055 81	22 4 00	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Gauhati ..														
Karachi ..	00 00	000 268 262	000 269 262	..	420 225 215	..	146 165 152	438 082 045	925 015 515	683 580 999	986 720	272 920	..	708 230
Lahore ..														
Multan ..														
Peshawar ..	00 00	960 282 245		..	400 222 182	..	085 098 082	348 032 012	801 572 582	521 632 999	966 762	246 952	..	..
Quetta ..	00 00	827 205 148	..	..	..	..	129 152 032	424 095 512	920 055 552	690 562 999	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Gauhati ..													
Karachi ..	00 00	917 242 242	900 225 225	800 222 202	515 030 999	457 538 999	377 625 999	360 630 999	350 652 999	285 735 999	061 370 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 252 215	885 252 215	800 185 142	507 568 582	350 688 999	250 845 999	150 038 999	109 202 999	..	109 202 999	..	..
Quetta ..	00 00	800 222 145	737 175 088	672 145 108	476 002 575	464 510 590	350 620 999	..	..	..	350 620 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in cenths of °C.)
S_p-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Heights in Kms a.s.l. → / STATION.	As 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	As 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	As 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	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
Bagra ..	16 08	17 05	18 09	19 10	..	..		..	..	20 13	19 13	19 11	19 07	20 07	21 09	05 02	11 01	13 02	..	..	..	..	..	..	..	..
Chaklala ..											12 06	15 03	31 05	28 06	33 06	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	22 11	23 12	23 11	31 03	03 03	07 06	15 03	..	..	25 20	25 23	24 18				..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	19 08	19 13	17 12	16 14	15 14	17 15		..	..	17 17	17 15	19 13	20 14	22 15	22 15	20 10	20 12		..	..	..	..	..	..	..	..
Cox's Bazar ..	17 15	16 15	16 13	16 09	16 07	19 07	13 05	09 06	06 09	18 09	19 07	10 08	21 09	22 10	21 07	18 12	18 08	18 07	16 04	05 01		..	..	..	..	..
Dacca ..	16 06	17 09	17 09	17 08	18 07	19 08	22 05	19 04	03 04	19 09	19 12	19 11	19 10	19 06	22 04	17 08	18 05	21 05	21 05	23 05	22 03	23 05	09 01	..	..	..
Gauhati ..	..	..	04 16	03 17	02 31					..	..	27 07	28 07	26 10	32 14	..	..	08 09	03 07	26 15	01 19	36 15	04 05	14 10	08 08	..
D. I. Khan ..			..	..				..					..						..							
Drosh ..	..	..	..		××××	24 09	25 20				..			23 09	20 05	..	..	..		23 10	21 10	17 03	04 04	02 16	07 13	36 15
Fort Sandeman ..				01 02	06 03	36 07	27 07	24 07	24 11				05 09	5 04	30 17				02 02	35 03	34 11	30 05	27 12	28 11	22 12	26 07
Jacobabad ..	01 04	01 01	36 01	09 06	05 15	03 17	06 17			19 11	21 10	20 06	10 04	32 06	33 10	19 08	18 06	14 03	33 05	03 13	02 12	10 10	16 06	12 04		..
Jacobabad ..																										
Kalam ..	22 02	21 04	22 04	31 06	32 04	34 05	34 04	33 03	29 06	18 05	24 10	23 09	29 04	32 08	36 05	14 01	11 01	33 01	33 08	35 07	34 08	36 12	01 17	02 22	..	..
Kohat ..	20 11	18 08	18 03		..		..	..		25 12	25 11					23 09									..	..
Karachi ..	28 15	28 15	29 14					..		28 20	28 24	28 25				27 20	27 15									
Khanpur ..	02 08	01 07	02 10	02 02	02 06	04 13		..	..	25 10	29 08	28 06	36 09	02 10	05 13	22 03	19 02	12 02	06 06	36 12	05 14	27 06	04 09	05 09	..	..
Lahore ..	02 06	03 03	09 03	28 02	32 03	35 01	02 03	..	..	16 08	18 09	20 07	27 05	01 08	36 08	29 01	24 01	16 01	07 03	03 08						
Multan ..	01 04	03 06	04 05	03 05	06 05	02 07	..	..	..	19 10	20 07	21 05	35 04	36 05	34 17	16 03	09 02	11 02	08 04	05 04	01 14	02 23	04 13	18 09	28 12	22 05
Multan ..	..		..	..		..	..	..	..	..		..				..	..	..		..		..	..	..	..	..
Peshawar ..	..	06 12	08 12	15 10	16 13	26 05	27 07	..	..	..	01 02	22 02	22 03	07 03	11 09	..	01 02	22 02	22 03	00 37	11 09	20 05				
Quetta ..	..		..		26 09	29 09	33 14	36 12	33 14	..	..	..	..	26 02	31 17	..	..	..	..	01 03	30 12	26 07	23 08	25 07	18 09	21 09
Sharjah ..																										
Sibbi ..	31 03	30 06	26 08	24 09	23 07	..	..	..	..	23 10	23 14	..	..	..	..	17 03	20 04	23 05	25 06	26 07	28 10	32 08	05 06	..	..	..
Varatai ..																										

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Heights in g. p. Kms. a. s. l. / STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 19	27 19	28 19	30 06	35 10	06 10	07 17	05 14	07 14	08 14	12 22	10 32	12 25	12 33	12 34	12 36	12 47	12 46
Peshawar ..	—	22 02	21 03	21 04	14 09	09 06	31 17	33 13	27 12	25 20	25 24	26 30	24 35	23 35	22 43	24 47		
Quetta ..																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

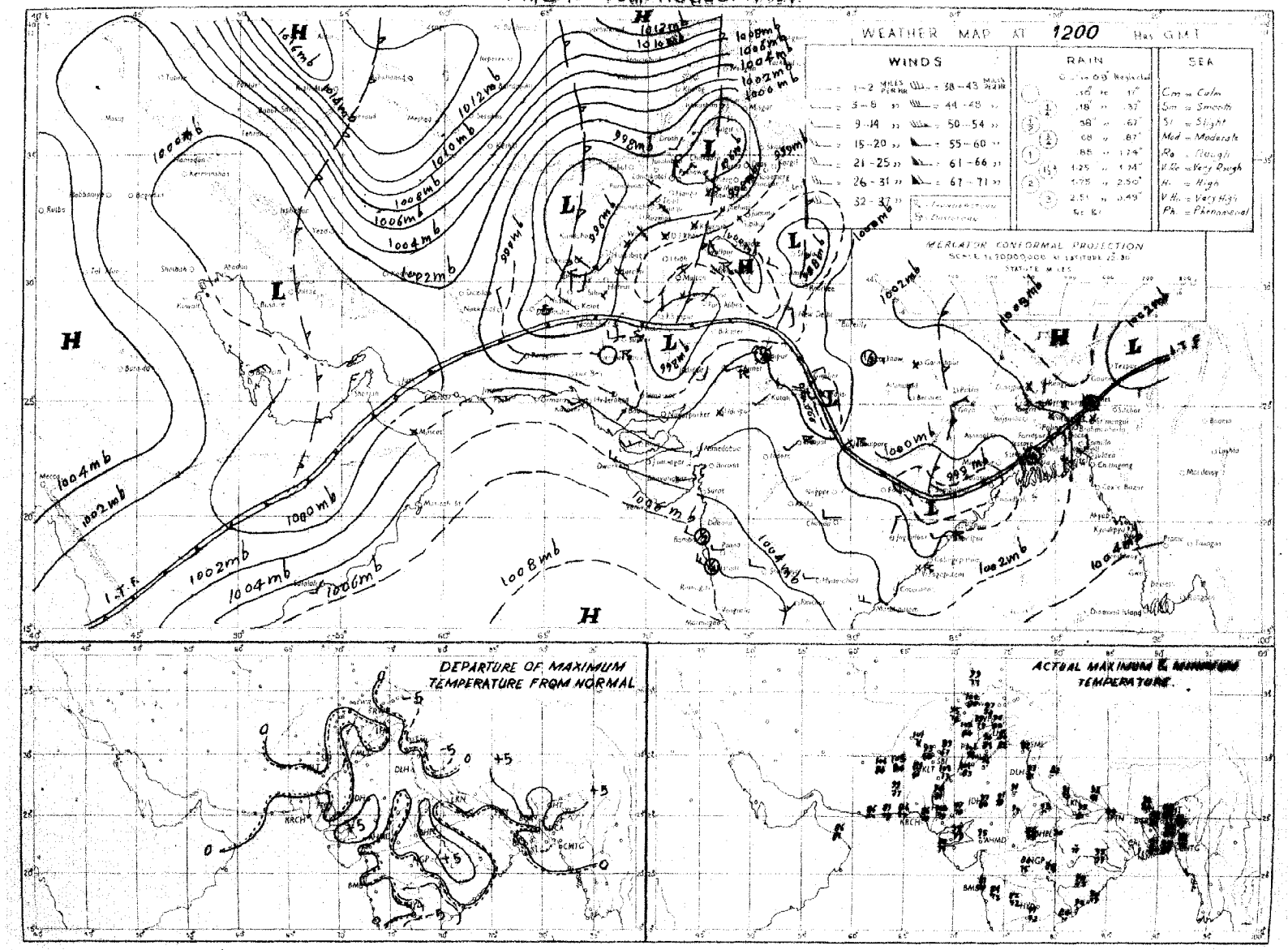
Cloud observation Data (GGiii $Cddv_fv_f$ etc)

14712 60150
12536 31505

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.

PAKISTAN DAILY WEATHER MAP

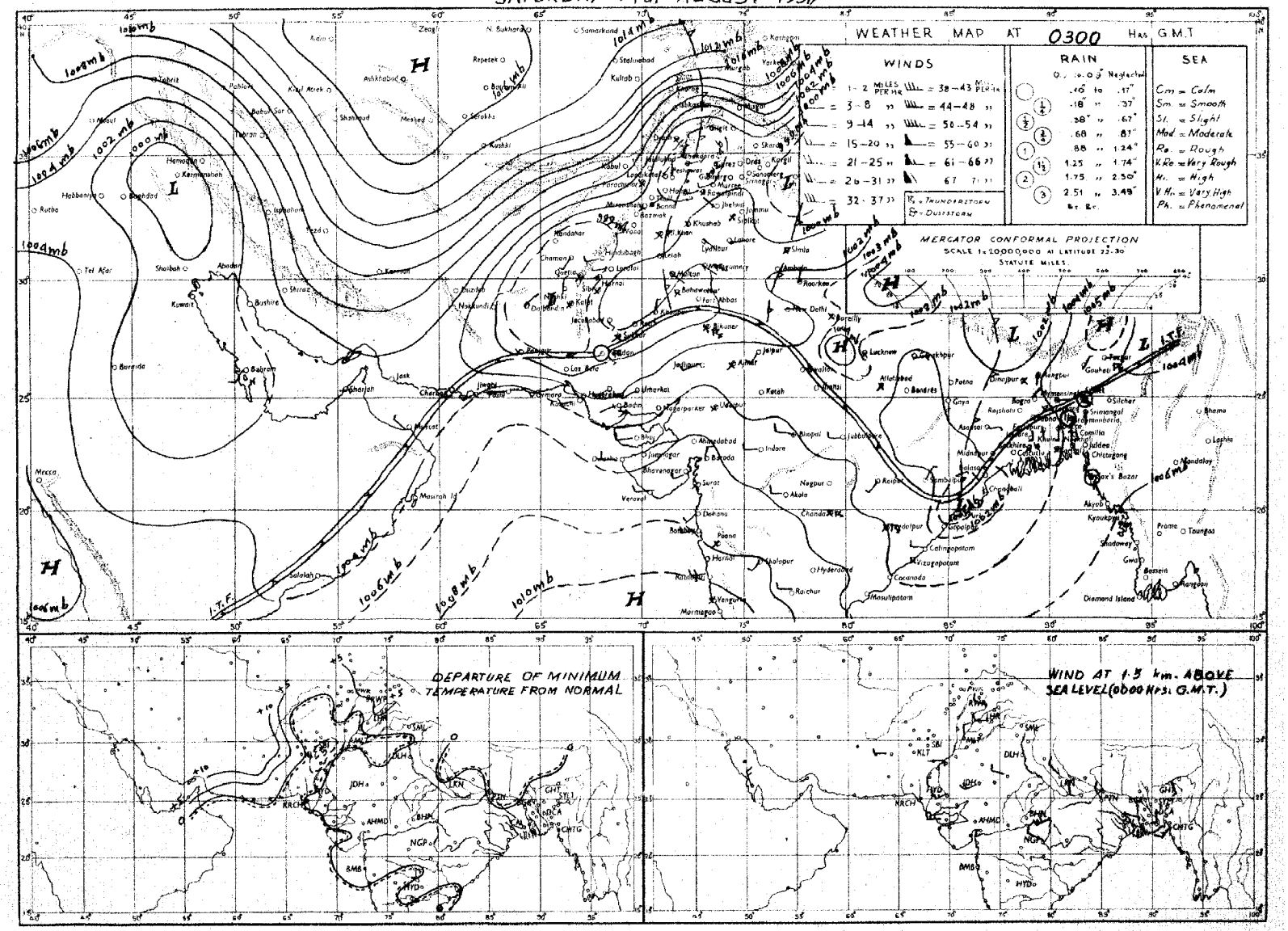
FRIDAY 16th AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 17th: AUGUST 1957



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

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Reg. No. S 1467

PAKISTAN DAILY WEATHER REPORT

SUNDAY, THE 18th AUGUST, 1957.

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

Yesterday's low pressure wave over Peshawar and Rawalpindi divisions has moved away eastwards while another has moved over Peshawar division.
The low pressure wave over Sub-Himalayan West Bengal is now moving across Assam.
Conditions are unsettled in northwest and adjoining West Central Bay of Bengal.
Fairly widespread rain has occurred in Dacca division, local with a few thundershowers in Chittagong division and scattered in Rajshahi division.
Chief amounts of rainfall are:—Sylhet 2"; Cox's Bazar, Srimangal ½" each and Sirajganj ¼".
Day temperatures were 2-4°F above normal over the country outside Kalat division.
Forecast valid until the evening of 19th:—Scattered rain will occur in East Pakistan and scattered rain/thundershowers in Lahore, Rawalpindi and Peshawar divisions and Kashmir.

Karachi-11.
The 18th August, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	5	18	02	96	02	0	013	85	2	1	6	0	2	79	89
	Chittagong	000	0	5	20	09	96	02	1	003	84	3	4	7	2	0	76	89
	Maijdee Court	000	4	4	00	00	97	01	1	996	86	0	0	9	0	2	78	89
	Comilla	000	0	7	18	07	99	03	1	003	87	7	4	5	0	0	81	92
	Brahmanbaria	000	0	6	18	02	97	03	2	999	85	6	4	3	0	0	79	91
	Sylhet	000	0	4	00	00	97	01	2	001	87	2	5	6	2	0	79	89
	Srimangal	013	8	6	18	02	97	02	9	005	83	5	4	6	3	0	79	89
Dacca	Mymensingh	012	5	6	00	00	98	02	6	001	86	4	4	4	0	4	81	90
	Narayanganj	000	9	7	18	02	96	03	1	993	83	2	2	5	0	8	79	92
	Dacca (Tezgaon)	000	9	4	20	02	98	01	1	991	87	1	2	6	0	2	80	91
	Faridpur	008	5	4	00	00	96	01	6	016	86	2	4	8	1	0	81	89
	Barisal	015	4	4	27	02	96	03	5	995	88	4	0	9	4	0	81	91
Rajshahi	Khulna	000	0	2	00	00	97	01	1	024	87	2	0	8	3	0	79	92
	Satkhira	000	0	6	00	00	97	03	2	997	84	4	5	7	9	0	79	92
	Jessore	000	0	5	18	03	97	02	1	988	87	2	8	6	6	0	81	92
	Sirajganj	030	0	8	00	00	96	02	0	982	86	8	1	7	×	×	79	88
	Bogra	000	0	6	16	02	96	02	1	991	88	6	4	6	0	0	8[illegible]	91
	Dinajpur	000	2	6	00	00	96	02	2	003	86	6	0	9	2	0	79	91
	Rangpur	000	0	4	36	02	96	01	2	xxx	86	4	5	6	0	0	81	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	6	23	03	96	03	2	960	97	3	4	6	0	8	78	98
	Sialkot	000	9	4	13	05	97	02	2	954	95	2	1	6	3	4	80	98
Rawalpindi	Jhelum	000	8	1	23	02	98	02	1	941	99	1	3	7	0	0	77	00
	Rawalpindi	000	0	3	00	00	98	02	0	925	99	3	2	7	0	0	73	00
	Khushab	000	0	2	16	03	99	02	0	946	01	1	2	6	0	5	72	02
Multan	Lyallpur	000	0	6	20	02	96	02	0	955	98	6	0	9	5	0	77	99
	Montgomery	000	0	4	00	00	97	02	2	957	01	2	1	8	0	2	75	02
	Multan	000	0	1	05	02	96	01	0	993	99	0	0	9	0	1	74	01
Bahawalpur	Leiah																	
	Khanpur	000	0	7	00	00	96	02	1	953	06	0	0	9	0	6	79	06
	Bahawalpur																	
	Fort Abbas	000	0	7	13	03	97	03	6	970	06	7	8	6	0	0	79	07
Peshawar	Chakdara	000	0	1	xx	xx	98	01	1	911	97	1	2	7	0	0	74	98
	Peshawar	000	0	2	05	05	98	02	0	916	01	1	2	7	0	0	75	02
	Haripur	000	9	3	27	02	97	03	1	924	01	3	1	6	0	0	71	02
	Campbellpur	000	0	2	13	05	99	01	1	929	02	2	3	6	0	0	72	02
D.I. Khan	Bannu	000	3	3	13	02	99	03	1	933	02	0	0	9	0	8	75	03
	D.I. Khan	000	0	0	00	00	98	00	0	942	03	0	0	9	0	0	78	04
Quetta	Sibi	000	0	0	00	00	98	00	0	944	08	0	0	9	0	0	74	10
Kalat	Nokkundi	000	0	0	34	05	98	02	0	964	03	0	0	9	0	0	38	05
	Turbat	000	0	0	23	01	97	00	0	003	91	0	0	9	0	0	81	99
	Jiwani	000	0	8	23	10	96	03	2	039	83	8	6	4	×	×	75	xx
	Pasni	000	0	2	25	17	95	07	0	027	85	2	0	9	8	0	76	89
	Ormara	000	0	4	xx	xx	98	02	1	027	85	4	0	9	4	0	81	85
	Las Bela	000	0	0	09	09	99	00	0	999	95	0	0	9	0	0	74	02
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	12	97	01	1	995	87	0	0	9	1	1	83	88
	Karachi (Air port)	000	0	6	25	14	96	01	2	008	86	6	6	5	0	0	74	88
	Badin	000	0	6	23	02	97	20	3	012	89	6	6	7	0	0	75	93
	Nagarparker	xxx	×	0	18	02	97	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	23	03	97	00	0	974	93	0	0	9	0	0	77	97
	Hyderabad	000	0	3	23	09	97	01	1	988	94	0	0	9	0	1	71	98
Khairpur	Pad-i-dan	000	0	7	13	05	98	03	×	966	01	0	0	9	0	6	68	02
	Nawabshah																	
	Sukkur	000	8	4	27	02	96	03	1	956	03	0	0	9	8	0	78	04
	Kashmore	000	0	3	18	02	99	02	0	981	03	3	1	8	0	0	77	05
	Jacobabad	000	0	7	13	09	97	03	1	957	04	0	0	9	7	1	74	05
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	02	0	010	86	0	0	9	0	2	81	88
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	8	7	16	05	97	02	4	413	73	7	5	2	0	0	68	73
Peshawar	Drosh *	000	0	3	23	09	96	01	1	376	96	3	2	7	0	0	54	00
	Cherat *	000	6	1	18	03	97	01	0	421	90	1	1	6	0	0	68	93
	Kakul *	000	7	4	18	03	99	01	1	416	85	4	2	7	0	0	79	87
	Landi Kotal *	000	0	0	02	03	97	00	0	398	94	0	0	9	0	0	67	xx
	Parachinar *	000	0	0	03	02	99	00	0	796	84	0	0	9	0	0	63	xx
D.I. Khan	Miranshah *	000	0	6	05	02	98	02	0	461	95	0	0	9	4	2	xx	97
	Wana *	016	1	5	01	05	96	01	5	419	75	5	2	8	0	0	65	xx
Quetta	Fort Sandeman *	000	0	2	18	02	96	01	1	405	98	2	1	6	0	0	50	01
	Hindubagh *	000	0	0	27	05	98	00	0	403	95	0	0	9	0	0	39	97
	Loralai *	000	0	2	20	02	98	02	1	445	91	2	0	9	3	0	64	92
	Harnai *	000	0	0	13	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	2	27	18	95	07	0	428	93	1	1	7	3	0	81	96
	Chaman *	000	0	0	25	03	96	00	0	446	98	0	0	9	0	0	41	98
Kalat	Kalat *	000	0	0	31	07	98	00	0	419	85	0	0	9	0	0	54	88
	Nushki *	000	0	0	27	09	96	00	0	494	02	0	0	9	0	0	36	03
	Dalbandin *	000	8	6	09	07	95	05	2	440	07	6	0	9	7	0	46	07
	Panjgur *	000	0	6	31	05	98	03	1	452	95	6	0	9	6	0	41	96
Afghanistan	Kabul *	000	0	4	36	03	99	03	0	449	87	4	4	7	0	0	72	94
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Chittagong	Cox's Bazar	043	8	5	00	00	96	02	6	016	86	3	1	7	0	2	81	78
	Chittagong	000	0	5	11	05	97	03	1	016	85	4	5	7	3	0	78	80
	Maijdee Court	000	6	7	00	00	96	03	1	022	84	2	1	5	2	0	80	81
	Comilla	000	0	7	00	00	99	03	0	016	84	4	4	5	5	0	80	80
	Brahmanbaria	009	2	6	00	00	97	03	6	018	84	6	5	2	0	0	80	79
	Sylhet	220	7	8	13	02	97	02	9	020	82	3	5	6	7	×	79	76
	Srimangal	038	3	8	00	00	97	60	9	024	80	8	4	6	×	×	79	78
Dacca	Mymensingh	012	0	2	00	00	98	01	2	020	87	2	2	4	0	0	80	81
	Narayanganj	017	9	8	09	02	95	03	6	014	85	3	4	6	2	×	80	82
	Dacca (Tezgaon)	000	9	7	00	00	97	01	2	008	83	4	4	3	1	0	79	82
	Faridpur	008	9	8	00	00	96	03	0	024	85	7	5	7	1	×	79	80
	Barisal	015	8	5	00	00	96	03	1	006	87	5	0	7	8	0	81	82
Rajshahi	Khulna	000	0	7	00	00	97	01	1	014	85	7	4	7	0	0	79	81
	Satkhira	000	0	6	00	00	99	03	2	010	88	8	5	7	×	×	73	80
	Jessore	000	0	7	18	03	97	03	1	009	85	5	4	6	6	0	81	81
	Sirajganj	029	3	6	00	00	96	02	6	006	86	6	1	6	0	0	79	81
	Bogra	000	0	4	13	02	97	01	0	009	89	4	4	6	0	0	79	81
	Dinajpur	000	0	0	00	00	96	00	0	021	88	0	0	9	0	0	80	76
	Rangpur	000	0	3	09	02	96	01	2	xxx	87	4	5	6	0	0	81	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	7	09	02	96	03	1	970	85	2	0	7	3	0	81	84
	Sialkot	000	9	4	13	05	97	01	2	969	84	2	1	9	4	6	80	81
Rawalpindi	Jhelum	000	9	5	13	03	97	02	1	969	88	3	0	9	3	1	77	83
	Rawalpindi	000	0	4	00	00	99	01	1	966	88	4	0	9	3	0	82	82
	Khushab	000	0	3	09	02	99	03	1	962	91	0	0	9	0	8	77	86
Multan	Lyallpur	000	0	4	16	02	96	01	0	969	87	0	0	9	0	3	81	84
	Montgomery	000	0	0	23	02	97	00	0	967	87	0	0	9	0	0	81	83
	Multan	030	0	1	13	02	96	01	0	996	88	0	0	9	0	1	78	80
Bahawalpur	Leiah																	
	Khanpur	000	0	1	23	07	96	01	1	978	90	1	0	9	5	0	77	84
	Bahawalpur	000	0	0	20	02	96	00	0	962	90	0	0	9	0	0	79	86
	Fort Abbas																	
Peshawar	Chakdara	000	0	2	xx	xx	98	01	4	939	85	2	0	7	6	0	72	66
	Peshawar	000	0	3	36	03	98	01	2	943	89	2	0	9	3	1	70	83
	Haripur	000	5	4	27	02	97	03	1	947	91	4	0	9	3	0	75	83
	Campbellpur	000	0	6	13	02	98	01	1	954	91	4	0	8	5	1	77	88
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	948	94	0	0	9	0	0	77	86
	D.I. Khan	000	2	2	00	00	98	01	1	952	91	0	0	9	0	2	80	85
Quetta	Sibi	000	0	0	00	00	99	00	0	967	91	0	0	9	0	0	75	xx
Kalat	Nokkundi	000	0	0	13	02	99	02	0	007	87	0	0	9	0	0	48	82
	Turbat	000	0	0	00	00	98	00	0	005	82	0	0	9	0	0	76	82
	Jiwani	000	0	5	20	05	97	03	1	016	80	5	6	4	0	0	75	77
	Pasni	000	0	4	25	02	96	02	0	029	80	2	5	7	6	0	76	78
	Ormara	000	0	8	xx	xx	98	03	1	013	80	8	4	5	×	×	79	77
	Las Bela	000	0	0	09	02	98	00	0	978	62	0	0	9	0	0	75	77
Karachi Federal Area & Hyderabad	Karachi (Manora)	003	5	8	25	09	95	50	5	009	80	3	5	7	7	×	77	78
	Karachi (Air port)	000	4	8	25	10	95	51	5	007	78	8	6	5	×	×	77	78
	Badin	000	3	3	23	02	96	20	3	022	80	2	7	7	1	0	76	xx
	Nagarparker	xxx	×	6	09	04	96	20	2	—	—	6	2	×	×	×	—	—
	Umarkot	000	0	7	23	03	97	02	0	981	81	0	0	9	2	0	75	79
	Hyderabad	000	0	5	23	12	97	01	2	991	83	2	5	6	7	0	73	79
Khairpur	Pad-i-dan	000	0	6	13	05	98	02	2	970	85	0	0	9	0	2	73	80
	Nawabshah	000	0	-	18	05	97	03	2	981	85	4	0	9	1	0	75	81
	Sukkur	000	9	2	02	02	96	01	0	970	85	0	0	9	0	4	75	82
	Kashmore	000	0	0	18	02	99	00	0	974	85	0	0	9	0	0	76	77
	Jacobabad	000	0	0	18	07	96	02	0	977	87	0	0	9	0	0	75	84
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	030	65	0	0	9	0	0	37	45
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	9	27	01	90	49	1	419	67	9	×	0	×	×	65	64
Peshawar	Drosh *	000	0	3	00	00	96	01	1	410	84	3	2	7	0	0	63	78
	Cherat *	000	0	0	13	02	97	00	0	419	81	0	0	9	0	0	68	77
	Kakul *	000	9	6	16	02	97	01	1	422	80	2	2	6	0	2	72	77
	Landi Kotal *	000	0	6	13	02	98	01	1	412	85	4	0	8	5	1	67	77
	Parachinar *	000	0	0	00	00	99	00	0	794	70	0	0	9	0	0	56	xx
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	447	86	0	0	9	0	0	81	80
	Wana *	016	0	0	00	00	99	00	0	419	76	0	0	9	0	0	62	66
Quetta	Fort Sandeman *	000	0	4	00	00	97	01	0	415	77	4	0	9	2	0	57	71
	Hindubagh *	000	0	0	27	05	98	00	0	426	79	0	0	9	0	0	41	71
	Loralai *	000	0	0	31	02	98	00	0	450	69	0	0	9	0	0	47	63
	Harnai *	000	0	0	31	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	36	02	95	01	0	425	76	0	0	9	0	8	47	64
	Chaman *	000	0	0	25	07	97	00	0	449	80	0	0	9	0	0	42	68
Kalat	Kalat *	000	0	0	00	00	98	00	0	457	70	0	0	9	0	0	38	53
	Nushki *	000	0	0	31	01	97	00	0	513	79	0	0	9	0	0	49	78
	Dalbandin *	000	9	5	05	07	95	05	1	441	82	5	0	9	3	0	44	75
	Panjgur *	000	0	6	00	00	98	03	1	454	80	6	0	9	6	0	49	79
Afghanistan	Kabul *	000	0	0	32	00	99	00	0	487	57	0	0	9	0	0	54	57
	Kandahar *																	

Departure from Normal of / Rainfall

Divisions (1)	Station (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	+ 4	+ 2	89.8	+ 5.7	100.7	140
	Chittagong	+ 3	+ 4	54.4	- 3.0	61.8	108
	Maijdee Court	+ 4	+ 3	42.2	- 16.6	50.4	115
	Comilla	+ 5	+ 4	32.3	- 12.8	44.2	94
	Brahmanbaria	—	—	30.6	- 4.0	48.4	78
	Sylhet	—	—	59.6	—	110.1	..
	Srimangal	- 1	+ 2	44.4	+ 3.6	71.0	98
Dacca	Mymensingh	+ 3	+ 3	41.6	- 0.8	55.6	91
	Narayanganj	+ 5	+ 3	36.6	+ 3.6	52.8	74
	Dacca (Tezgaon)	—	—	19.2	—	54.1	..
	Faridpur	+ 2	+ 2	34.0	+ 1.2	46.1	71
	Barisal	+ 4	+ 4	29.5	- 10.8	46.7	81
Rajshahi	Khulna	+ 5	+ 3	31.3	- 3.5	39.3	60
	Satkhira	+ 4	+ 2	25.3	- 7.1	31.1	65
	Jessore	—	—	33.0	+ 1.6	36.3	65
	Sirajganj	+ 1	+ 2	45.7	+ 15.3	56.7	64
	Bogra	+ 2	+ 3	46.3	+ 13.3	53.7	59
	Dinajpur	+ 2	- 2	37.2	+ 1.1	40.6	72
	Rangpur	- 1	+ 2	42.6	+ 1.2	51.4	84
Kashmir	Jammu						..
Lahore	Lahore (Jail Rd.)	+ 1	+ 6	11.1	+ 0.9	19.8	19
	Sialkot	+ 4	+ 3	10.0	- 6.5	33.1	32
Rawalpindi	Jhelum	—	—	9.5	—	20.3	..
	Rawalpindi	+ 6	+ 7	11.8	+ 4.4	27.7	36
	Khushab	+ 2	+ 5	5.3	- 2.1	14.1	15
Multan	Lyallpur	+ 1	+ 4	6.5	+ 0.2	12.6	12
	Montgomery	+ 1	+ 1	0.2	- 5.4	4.0	10
	Multan	+ 3	- 3	0.7	- 3.1	4.4	7
Bahawalpur	Leiah						8
	Khanpur	+ 3	+ 3	0.2	- 3.8	1.2	6
	Bahawalpur	—	—	1.0	- 2.6	2.3	6
	Fort Abbas						8
Peshawar	Chakdara	—	—	2.3	—	17.1	..
	Peshawar	+ 4	+ 4	1.7	- 1.5	12.8	14
	Haripur	—	—	3.6	—	17.7	..
	Campbellpur	—	—	3.4	—	18.8	..
D.I. Khan	Bannu	—	—	1.5	—	8.6	11
	D.I. Khan	+ 4	+ 4	2.0	- 2.2	7.6	10
Quetta	Sibi	—	—	1.1	—	6.2	5
Kalat	Nokkundi	—	—	0	—	1.9	2
	Turbat	—	—	2.5	—	5.9	..
	Jiwani	—	—	0	—	3.1	4
	Pasni	0	+ 2	0	- 0.9	6.2	6
	Ormara	—	—	0	- 0.8	3.8	6
	Las Bela	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	+ 3	0	0.6	- 4.5	1.1	8
	Karachi (Air port)	—	—	0.8	—	1.2	..
	Badin	+ 1	×	0.7	- 4.9	0.7	9
	Nagarparker	—	—	—	—	—	..
	Umarkot	—	—	3.0	—	3.0	7
	Hyderabad	+ 3	0	0.2	- 4.7	2.0	
Khairpur	Pad-i-dan	—	—	0.1	—	1.4	..
	Nawabshah	—	—	0.1	—	0.6	4
	Sukkur	—	—	0.1	—	2.9	..
	Kashmore	—	—	—	—	—	4
	Jacobabad	+ 2	+ 2	0	- 3.0	3.5	
Junagarh	Veraval						20
Afghanistan	Jalalabad						..
Arabia	Muscat	- 2					4
	Kuwait						..
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						..
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						..
	Aliabad *						..
	Gilgit *						5
Rawalpindi	Murree *	+ 3	+ 7	18.4	- 7.5	52.3	59
Peshawar	Drosh *	+ 5	+ 6	1.1	—	23.2	18
	Cherat *	+ 7	+ 7	3.3	- 4.8	24.0	29
	Kakul *	—	—	7.7	—	35.2	
	Landi Kotal *	—	—	0.8	—	15.0	..
	Parachinar *	—	—	5.9	—	25.0	29
D.I. Khan	Miranshah *	—	—	2.5	- 1.1	14.8	13
	Wana *	—	—	1.1	—	13.2	
Quetta	Fort Sandeman *	+ 4	- 2	2.0	- 2.0	12.5	11
	Hindubagh *	—	—	0	—	12.3	..
	Loralai *	—	—	1.7	—	10.6	
	Harnai *	—	—	2.0	- 3.5	14.3	14
	Quetta *	—	—	0	- 1.0	9.5	9
	Chaman *	0	- 4	0	- 0.1	10.2	8
Kalat	Kalat *	- 1	- 4	0	- 1.1	8.4	7
	Nushki *	—	—	0	—	8.0	..
	Dalbandin *	+ 2	+ 4	0	- 0.3	4.4	4
	Panjgur *	- 4	+ 6	0	—	4.2	5
Afghanistan	Kabul *	—	—	—	—	—	12
	Kandahar *						..

†Given in Code.
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day.
Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 18th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Marquis	73 255	573 06	1 11 07	98 03 0	069 87	01 9 08	3 3 212	..	0 51 80	1 11 32
Star Betelgeuse	73 194	720 18	5 25 13	99 01 2	074 81	50 9 20	7 5 400	..	0 51 77	1 ×× ××

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels: HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	997 268 268	..	..	410 185 185	..	090 142 078	671 055 005	839 525 575	575 638 675	971 772	252 955	..	687 152
Lahore ..														
Multan ..														
Peshawar ..	00 00	952 300 240	..	..	410 242 198	..	061 132 125	342 082 012	816 512 538	561 605 999	973 718	260 910	..	703 160
Quetta ..	00 00	826 185 088	..	..	..	..	105 128 622	379 062 999	846 525 999	589 602 999	976 698	269 835	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 195 195	800 195 182	350 695 78	250 848 848	150 082 999	088 160 999	079 202 999	050 092 999	045 075 999	045 075 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 275 232	800 202 162	673 105 102	627 102 025	350 658 999	250 785 999	150 040 999	050 240 999	022 215 999	022 215 999	..	..
Quetta ..	00 00	800 205 032	798 212 022	782 192 515	532 000 999	266 658 708	165 318 362	077 228 975	..	..	077 228 975	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of ºC.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in ºC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	15 05	18 04	19 03	18 03	..	..	..	..	..
Chaklala ..	..	25 03	26 03	24 05	27 03	33 11	34 23	34 24	..
Chhor ..	23 21	23 22	23 20	..	..	..	..	..	..
Chittagong ..	22 12	21 10	20 09	21 04	20 03	31 03	35 05	..	..
Cox's Bazar ..	21 09	22 06	23 05	19 05	22 06	28 02	..	..	..
Dacca ..	19 06	19 05	19 06	21 06	21 05	24 06	24 04	35 06	36 07
Dalbandin ..	..	..	09 09	08 14	08 11	02 07	35 15	14 06	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	22 06	21 17	21 10	36 04	29 11	28 15
Fort Sandeman ..	..	..	..	04 06	04 04	30 37	30 07	..	..
Jacobabad ..	16 21	16 23	16 25	16 23	18 17	16 08	02 17	36 18	35 27
Jessore ..	..	..	..	..	..	..	..	..	..
Jhelum ..	20 03	21 05	22 04	29 06	32 10	35 13	34 10	32 11	24 05
Jiwani ..	23 15	19 09	..	..	..	..	..	..	..
Karachi ..	26 26	26 21	27 22	23 24	..	..	..	..	..
Khanpur ..	28 06	27 07	26 07	25 07	20 05	01 04	02 32	34 13	33 16
Lahore ..	29 07	30 04	35 03	34 05	..	..	..	..	..
Multan ..	24 06	19 07	17 07	10 04	03 06	35 09	36 23	34 21	35 15
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	30 15	28 03	31 08	29 15	30 13
Sharjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	21 03	25 03	27 03	25 06	27 05	29 09	32 10	..	..
Veraval ..	..	..	..	..	..	..	..	..	..

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	27 02	28 05	26 03	30 02	..	..
Chaklala ..	..	..	13 12	17 02	26 13	32 06
Chhor ..	24 14	..	..	..	..	..
Chittagong ..	16 12	17 07	18 05	21 03	20 02	24 01
Cox's Bazar ..	18 04	21 03	24 04	29 01	28 05	28 06
Dacca ..	24 05	25 03	28 02	27 10	32 03	1 04
Dalbandin ..	..	..	28 02	01 04	34 14	34 09
D. I. Khan ..	..	..	..	..	..	..
Drosh ..	..	..	..	..	22 06	21 07
Fort Sandeman ..	..	..	..	21 03	29 09	30 22
Jacobabad ..	20 16	28 14	20 07	30 03	31 14	35 23
Jessore ..	..	..	..	..	..	..
Jhelum ..	14 13	18 06	25 06	32 08	35 13	33 10
Jiwani ..	20 10	22 05	..	..	..	..
Karachi ..	28 25	28 31	..	..	..	..
Khanpur ..	22 25	23 23	25 19	29 14	28 10	31 06
Lahore ..	18 12	21 09	19 08	33 07	12 13	..
Multan ..	20 15	21 18	22 17	23 25	25 30	27 39
Muscat ..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	21 07	23 03	17 04	11 02	28 07
Quetta ..	..	..	..	..	30 07	31 17
Sharjah ..	..	..	..	..	..	..
Sylhet ..	15 03	16 02	07 01	..	..	..
Veraval ..	..	..	..	..	..	..

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	08 08	07 07	08 08	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	05 03	06 04	04 06	04 06	..	..	..	..	..	..	..
Cox's Bazar ..	34 03	02 04	02 04	01 03	03 05	..	..	..	..	..	..
Dacca ..	11 02	12 01	..	..	..	..	..	..	..	..	..
Dalbandin ..	..	..	06 08	16 05	08 04	13 10	18 12	29 04	02 05	03 11	02 07
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	23 13	21 06	28 02	01 07	35 02	08 04	23 14
Fort Sandeman ..	..	..	..	26 04	30 09	31 14	23 14	24 14	28 12	28 08	..
Jacobabad ..	14 08	19 07	19 07	23 05	23 03	29 04	34 10	04 07	07 06	02 13	02 17
Jessore ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	14 08	14 07	21 04	26 05	29 10	31 10	34 23	35 17	..	..	..
Jiwani ..	20 07	..	..	..	..	..	..	..	..	..	..
Karachi ..	27 19	..	..	..	..	..	..	..	..	..	..
Khanpur ..	21 14	22 17	22 17	24 15	22 11	03 06	35 16	36 04	36 02	..	..
Lahore ..	15 06	18 09	21 08	29 05	34 07	34 08	33 06	15 06	22 13	33 05	23 06
Multan ..	21 10	20 17	19 13	19 12	10 06	29 04	35 00	36 04	30 08	03 06	07 10
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	02 06	32 02	25 03	24 05	28 05	30 17	30 16	28 19	24 20	25 25
Quetta ..	..	..	..	..	36 03	30 19	30 31	31 27	32 17	23 11	24 13
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	04 02	04 05	06 10	07 12	08 11	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 17	27 21	27 21	32 09	36 14	31 17	06 21	09 14	08 11	06 09	09 16	10 17	11 22	09 35	12 42	13 37	10 37	07 31
Peshawar ..	—	21 07	23 03	17 04	11 02	28 07	22 17											
Quetta ..																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 30 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

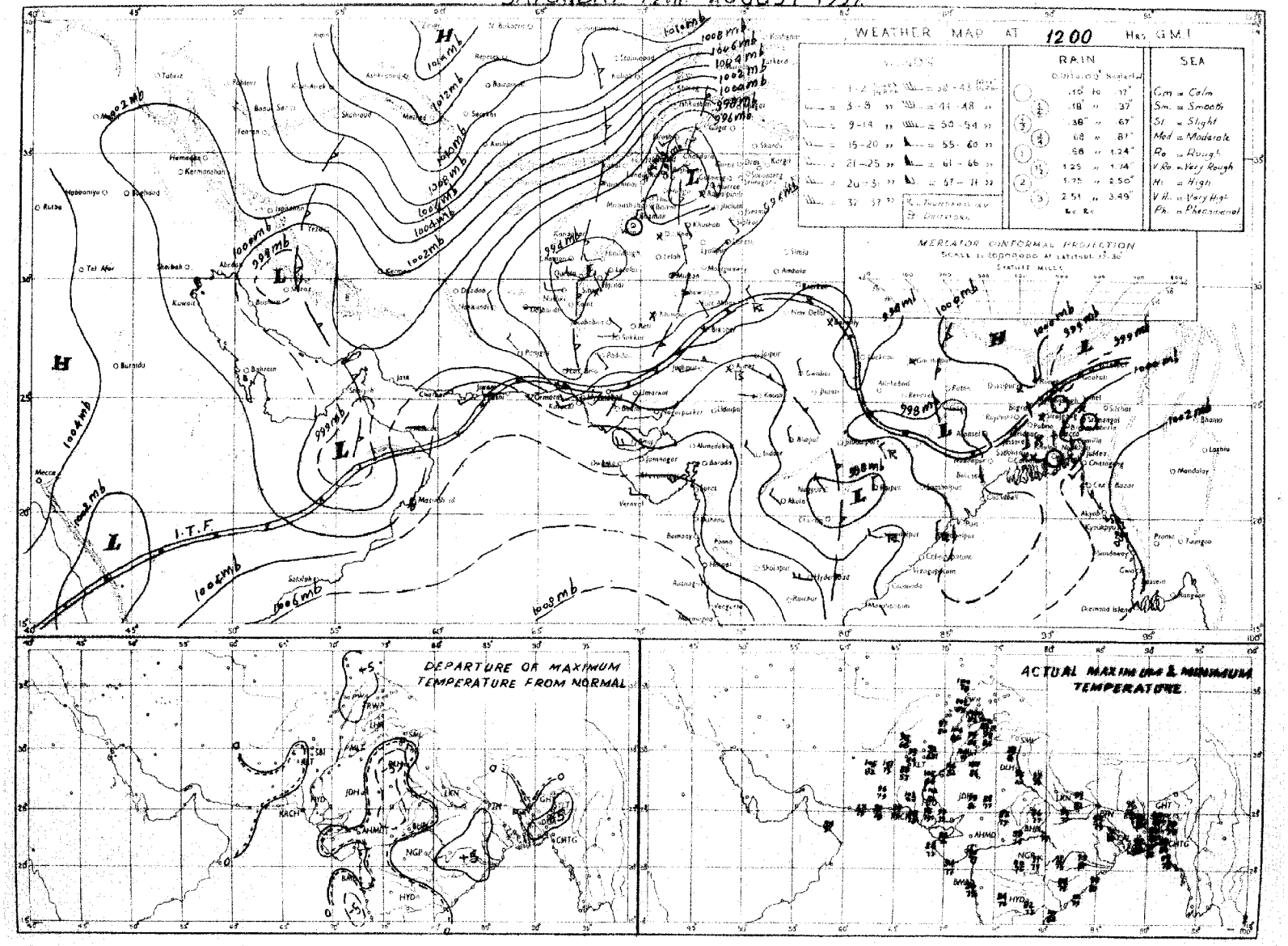
Cloud observation Data (GGiii $Cddv_rv_r$ etc)

12712 31508 06598 33008

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.

PAKISTAN DAILY WEATHER MAP

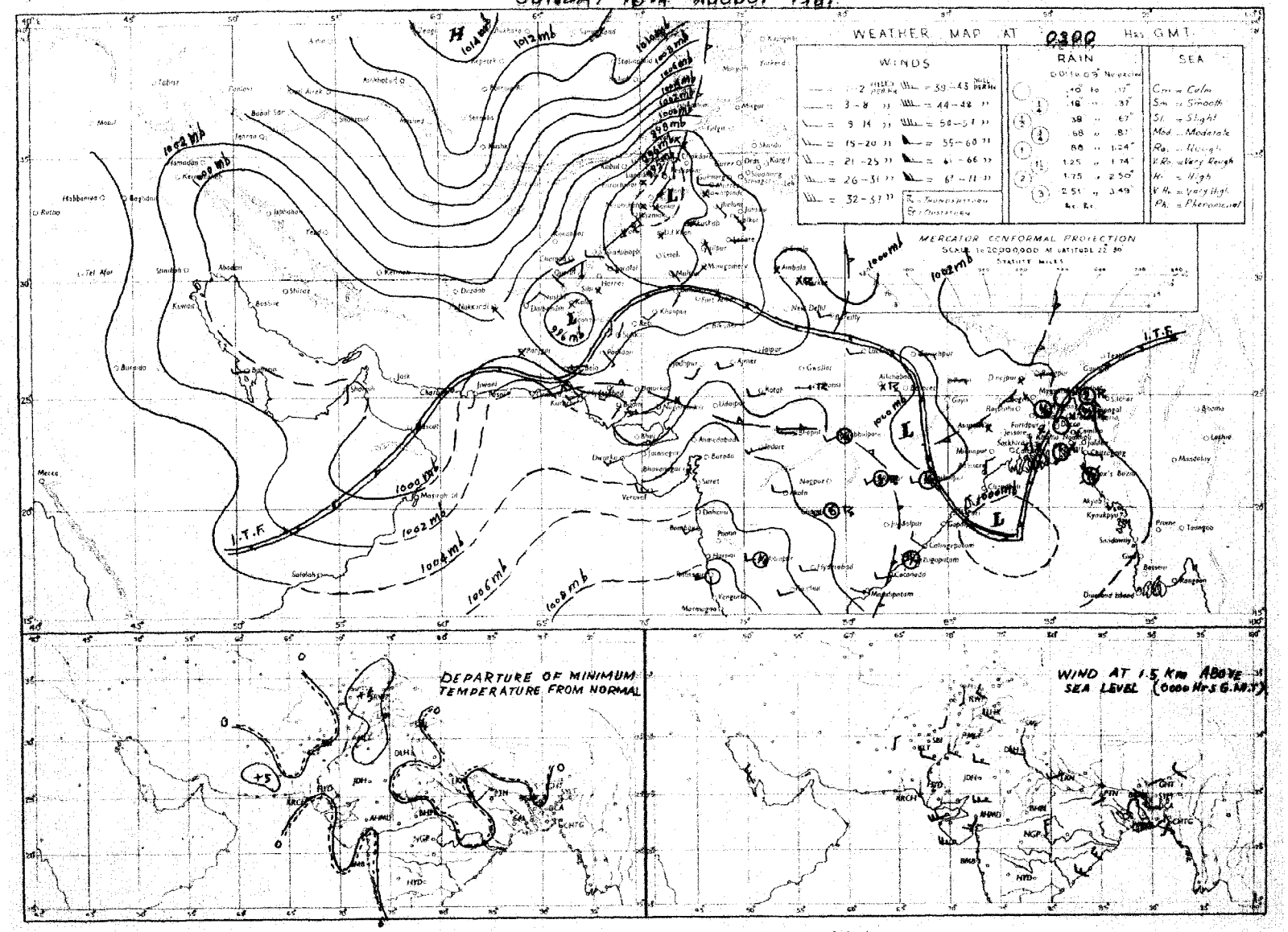
SATURDAY 17th AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 18th AUGUST 1987



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1967

MONDAY, THE 19th AUGUST, 1957.

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

Observations from West Bengal and ship observations are lacking but believe yesterday's unsettled conditions over northwest Bay of Bengal concentrated into a depression centred at 19,0300 G.M.T within one degree of latitude 21 °N and longitude 90° E. It is likely to intensify and move in a northerly direction.

Rainfall has been local in Chittagong and scattered in Dacca division.

A well-marked low lies over Peshawar and Rawalpindi divisions.

Rain/thundershowers have been fairly widespread in Rawalpindi division and local in Lahore and Peshawar divisions.

Drizzle is also reported from the Federal Capital Area.

Chief amounts of rainfall are:—Jhelum 2"; Kakul 1½"; Chittagong, Barisal and Sialkot 1" each; Srimangal, Rawalpindi and Haripur ½" each and Cox's Bazar, Murree and Campbellpur ¼" each.

Day temperatures were 4-6°F below normal in Lahore division and 3-6°F above normal in Peshawar, Rawalpindi, D. I. Khan, Quetta, Multan and Bahawalpur divisions and in East Pakistan.

Forecast valid until the evening of 20th:—Local rain/thundershowers will occur in Peshawar, Rawalpindi and Lahore divisions and in Kashmir and in the southern districts of East Pakistan and be scattered in Quetta, D. I. Khan and Multan divisions and in the northern districts of East Pakistan.

Heavy rainfall warning:—Locally moderate to heavy rain will fall in the southern districts of East Pakistan and in Lahore and Rawalpindi divisions during next 24 hours.

Karachi-11.
The 19th August, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

		At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																		Departure from Normal of		Rainfall			
DIVISIONS.	STATION	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature°	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F.	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum temperature °F.	Maximum Temperature	Minimum Temperature	Since 1st June 1957 to date.	Departure from normal	Since 1st January 1957 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
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	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	6	20	03	96	03	1	972	86	4	4	7	1	2	79	90	032	9	6	16	02	96	02	6	988	83	1	4	8	0	2	79	77	+5	+1	90.1	+5.2	101.0	140
	Chittagong	000	0	7	27	09	96	03	2	961	87	5	6	6	2	0	79	91	103	9	5	16	05	97	02	0	985	86	5	5	6	0	0	76	78	+5	+2	55.4	-2.6	62.8	108
	Maijdee Court	000	9	4	13	02	97	01	1	966	88	0	0	9	1	2	78	91	000	9	8	07	02	97	01	2	975	88	0	0	9	4	2	80	72	+6	-6	42.2	-17.6	50.4	115
	Comilla	000	0	3	00	00	99	03	0	963	90	2	2	6	4	0	80	93	000	0	4	00	00	99	03	0	982	88	4	4	5	0	0	81	81	+6	+5	32.3	-13.3	44.2	94
	Brahmanbaria	000	0	2	00	00	97	01	2	967	88	2	5	5	0	0	79	90	000	0	2	05	02	97	03	1	981	90	2	4	3	0	0	80	83	—	—	30.6	-4.4	48.4	78
	Sylhet	000	0	4	00	00	97	01	2	957	88	4	5	6	0	0	80	90	000	0	2	13	02	97	01	0	981	90	2	0	9	3	0	82	79	—	—	59.6	—	130.1	
	Srimangal	038	0	2	00	00	96	01	1	964	87	2	4	7	0	0	80	91	038	0	1	09	02	97	01	0	989	90	1	1	7	0	0	81	78	+1	+2	44.8	+3.6	71.4	98
Dacca	Mymensingh	000	0	4	00	00	98	02	1	972	89	4	2	5	0	0	81	92	000	0	6	00	00	99	00	1	989	90	0	0	9	0	0	80	83	+5	+5	41.6	-1.2	55.6	91
	Narayanganj	000	9	4	27	02	96	03	1	970	90	2	4	5	0	8	79	91	000	9	7	00	00	96	03	2	984	91	7	4	6	0	0	80	84	+4	+5	36.6	+3.2	52.8	74
	Dacca (Tezgaon)	000	9	3	27	03	98	01	6	960	80	2	8	4	0	1	80	91	000	9	6	36	02	98	03	1	981	89	5	8	5	0	1	81	83	—	—	19.2	—	54.1	
	Faridpur	000	8	2	00	00	96	01	1	064	86	2	4	8	0	0	81	89	000	0	5	36	02	95	03	0	975	88	5	5	8	0	0	80	82	+2	+4	34.0	+0.7	46.1	71
	Barisal	000	8	1	00	00	96	01	0	957	90	1	0	8	8	0	85	92	108	4	8	00	01	95	03	9	989	85	5	6	9	4	×	76	77	+5	-1	30.6	-10.2	47.8	81
Rajshahi	Khulna	000	0	0	00	00	97	00	1	975	87	0	0	9	0	0	80	95	000	0	8	00	00	97	03	2	985	85	8	5	6	×	×	82	83	+8	+5	31.3	-4.0	39.3	68
	Satkhira	000	0	3	00	00	99	01	0	972	90	2	5	6	9	0	81	94	000	0	6	36	02	97	03	2	979	88	5	4	7	9	0	81	82	+6	+4	25.3	-7.3	31.1	65
	Jessore	000	0	3	05	03	97	01	0	965	87	3	0	9	6	0	83	93	000	0	5	36	05	97	03	1	979	88	5	8	6	0	0	83	87	—	—	33.0	+1.3	36.3	69
	Sirajganj	000	0	6	00	00	95	02	2	963	88	6	2	6	0	0	81	89	000	0	1	00	00	97	01	1	985	89	1	1	2	0	0	82	84	+2	+5	45.7	+14.9	56.7	64
	Bogra	000	0	4	00	00	96	01	1	963	91	4	1	6	0	0	80	92	000	0	0	05	02	98	00	0	983	89	0	0	9	0	0	81	84	+3	+6	46.3	+13.0	53.7	69
	Dinajpur	000	0	0	00	00	96	00	0	983	91	0	0	9	0	0	80	95	000	0	0	00	00	96	00	0	007	91	0	0	9	0	0	80	80	+6	+2	37.2	+0.7	40.6	72
	Rangpur	000	0	1	05	02	96	01	2	×××	92	1	5	6	0	0	78	93	000	0	2	05	02	96	03	0	×××	89	2	5	6	0	0	81	82	+4	+4	42.6	+0.8	51.4	84
Kashmir	Jammu																																								..
Lahore	Lahore (Jail Rd.)	000	8	7	13	02	96	03	2	952	87	1	1	7	1	1	79	93	008	2	7	13	02	96	29	9	990	81	6	5	5	2	0	79	80	-4	+2	11.2	+0.8	19.9	19
	Sialkot	000	9	7	05	02	98	02	2	948	87	3	0	9	4	6	77	88	123	6	8	13	02	97	02	6	996	78	8	7	5	×	×	77	77	-6	-1	10.2	-6.6	34.3	31
Rawalpindi	Jhelum	000	2	8	13	03	97	02	9	946	89	2	2	6	1	8	76	95	232	5	8	00	00	97	02	9	995	79	8	0	9	2	×	75	75	—	—	11.8	—	22.6	
	Rawalpindi	000	0	8	23	05	98	17	9	930	92	8	5	6	×	×	80	97	068	7	7	27	02	99	97	9	999	78	7	2	6	0	0	77	74	+3	-1	12.5	-4.0	28.4	36
	Khushab	000	0	5	18	03	98	03	1	922	03	1	1	6	5	0	73	05	000	0	4	07	05	99	02	2	985	86	1	2	6	9	0	73	82	+5	+1	5.3	-2.2	14.1	13
Multan	Lyallpur	000	0	7	00	00	96	03	0	934	00	0	0	9	5	0	77	02	000	0	6	05	02	96	03	1	985	85	6	0	9	3	0	80	84	+4	+4	6.5	+0.1	12.6	14
	Montgomery	000	0	7	00	00	96	03	2	933	00	2	5	7	2	0	76	03	000	0	0	13	02	97	00	1	976	87	0	0	9	0	0	77	83	+2	+1	0.2	-5.5	4.0	10
	Multan	000	0	1	05	02	96	01	0	935	99	0	0	9	0	1	74	01	000	0	1	23	05	96	01	0	972	86	0	0	9	0	1	73	80	+3	-3	0.7	-2.8	4.1	7
Bahawalpur	Leiah																																								8
	Khanpur	000	0	0	23	07	96	00	0	923	03	0	0	9	0	0	80	06	000	0	1	23	07	96	00	1	982	84	0	0	9	0	1	77	81	+3	0	0.2	-3.9	1.2	6
	Bahawalpur	000	0	0	20	02	97	00	0	932	02	0	0	9	0	0	82	04	000	0	5	00	00	97	03	0	973	86	5	0	9	0	9	79	83	+4	+2	1.0	-2.6	2.3	6
	Fort Abbas	000	0	3	23	02	96	00	0	934	01	3	1	6	0	0	73	05	000	0	0	23	03	97	00	0	972	93	0	0	9	0	0	73	84	—	—	2.3	—	5.3	8
Peshawar	Chakdara	000	0	6	05	××	98	03	1	897	92	3	0	8	2	0	75	98	000	0	8	00	00	97	03	2	955	80	0	×	8	8	×	71	63	—	—	2.3	—	17.1	..
	Peshawar	011	3	7	23	12	97	17	9	922	84	6	9	6	3	0	73	××	011	6	6	00	00	97	01	9	970	82	4	5	6	3	0	76	73	—	-10	1.8	-1.4	12.9	14
	Haripur	000	9	6	05	02	96	03	2	910	99	6	5	6	0	0	73	02	055	9	8	31	02	96	03	6	977	××	8	2	6	×	×	75	75	—	—	4.1	—	18.2	..
	Campbellpur	000	0	7	18	07	98	03	1	909	02	7	3	6	0	0	73	02	037	3	8	13	03	96	02	6	994	75	8	3	6	×	×	72	74	—	—	3.7	—	19.1	..
D.I. Khan	Bannu	000	3	4	13	02	99	03	1	900	02	4	0	9	4	0	78	04	000	2	4	13	02	99	03	1	961	88	4	0	9	7	0	81	85	—	—	1.5	—	8.6	11
	D.I. Khan	000	0	0	00	00	98	00	0	929	06	0	0	9	0	0	78	07	000	3	4	13	02	97	01	1	970	89	0	0	9	4	0	99	85	+7	+4	2.0	-4.2	7.6	10
Quetta	Sibi	000	0	0	00	00	98	00	0	915	09	0	0	9	0	0	74	12	000	0	0	00	00	99	00	0	968	91	0	0	9	0	0	77	91	—	—	1.1	—	4.2	5
Kalat	Nokkundi	000	0	0	34	09	98	02	0	946	01	0	0	9	0	0	19	03	000	0	0	34	09	99	02	0	991	83	0	0	9	0	0	38	77	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	97	00	0	993	××	0	0	9	0	0	83	06	000	0	0	00	00	98	00	0	001	83	0	0	9	0	0	73	82	—	—	2.5	—	6.9	4
	Jiwani	000	0	3	18	10	96	01	2	992	83	0	0	9	0	9	75	96	000	0	3	18	05	97	01	4	017	81	2	5	4	7	0	75	77	—	—	0	—	3.1	4
	Pasni	000	0	2	23	19	96	00	0	997	85	0	0	9	0	8	77	××	000	0	4	25	02	96	00	0	017	79	2	5	7	7	0	77	76	×	0	0	-0.9	6.2	6
	Ormara	000	0	4	××	07	98	01	1	997	84	4	0	9	4	0	80	××	000	0	8	00	00	98	03	2	020	80	8	4	4	×	×	77	77	×	—	0	-0.8	3.8	6
	Las Bela	000	0	0	00	02	99	00	0	995	97	0	0	9	0	0	74	02	000	0	0	00	00	99	00	0	998	83	0	0	9	0	0	76	78	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	8	8	25	10	96	03	5	982	82	8	0	9	2	×	79	83	000	0	8	27	09	96	03	2	991	82	8	0	9	7	×	77	77	-2	-1	0.6	-4.6	1.1	8
	Karachi (Air port)	012	8	8	25	12	96	02	5	985	84	8	6	4	×	×	75	84	012	9	8	25	07	96	50	5	993	79	3	6	4	5	×	76	77	—	—	0.9	—	1.4	8
	Badin	000	0	0	23	02	97	00	0	989	90	0	0	9	0	0	77	91	000	6	6	23	02	96	20	3	011	83	0	7	9	0	0	72	××	-1	×	0.7	-4.9	0.7	..
	Nagarparkar																		×××	×	5	18	05	96	20	3	—	—	5	3	9	4	2	—	—	—	—	—	—	—	
	Umarkot	000	0	7	23	03	97	02	0	976	90	0	0	9	3	0	77	92	000	0	7	23	03	97	02	2	980	82	0	0	9	3	0	76	80	—	—	3.0	—	3.0	
	Hyderabad	000	0	5	23	12	96	07	2	965	90	5	5	6	0	0	75	95	000	0	7	23	14	96	07	2	974	82	4	6	0	7	0	75	79	0	0	0.2	-4.7	2.0	7
Khairpur	Pad-i-dan	000	0	3	18	05	98	01	2	931	04	3	0	9	3	0	70	05	000	0	1	13	02	98	01	0	959	85	0	0	9	0	1	73	80	—	—	0.1	—	1.4	..
	Nawabshah	000	0	3	18	03	97	03	1	944	01	1	0	9	3	8	74	03	000	0	1	18	03	97	02	0	963	85	0	0	9	0	1	74	80	—	—	0.1	—	0.6	..
	Sukkur	000	8	3	27	02	96	02	0	926	03	0	0	9	0	3	79	03	000	9	0	16	05	96	01	0	965	83	0	0	9	0	0	75	80	—	—	0.1	—	2.9	4
	Kashmore																		000	0	0	18	03	99	00	0	968	××	0	0	9	0	0	74	86		—	—	—	—	..
	Jacobabad	000	0	2	18	07	97	03	0	919	02	0	0	9	0	1	73	03	000	0	0	13	05	97	02	0	969	85	0	0	9	0	0	75	82	0	—	0	-3.0	3.5	4
Junagarh	Veraval																																								30
Afghanistan	Jalalabad																																								..
Arabia	Muscat	000	0	0	05	05	99	00	2	974	88	0	0	9	0	0	81	90	000	0	0	09	02	99	00	0	985	86	0	0	9	0	0	81	83	0	-1	0	-0.1	4.9	4
	Kuwait																																								..
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								..
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **	000	0	3	00	00	98	02	0	042	75	3	1	5	0	0	32	82	000	0	2	00	00	98	01	0	031	61	2	1	9	0	0	41	53	—	—	—	—	—	..
	Aliabad *																																								..
	Gilgit *																																								5
Rawalpindi	Murree *	000	4	8	11	03	95	17	4	398	73	8	9	3	×	×	69	76	027	9	9	00	00	90	49	9	431	64	9	×	0	×	×	63	63	+6	+6	18.7	-7.6	52.6	59
Peshawar	Drosh *	000	0	3	23	09	96	03	1	356	96	3	2	7	0	0	54	01	000	9	2	00	00	96	01	9	403	83	2	2	7	0	0	62	76	—	—	1.1	—	23.2	18
	Cherat *	000	3	7	18	07	98	03	9	289	83	7	3	6	0	0	64	92	000	3	9	18	02	90	17	5	417	70	9	×	0	×	×	70	70	+6	0	3.3	-5.1	24.0	29
	Kakul *	000	7	7	20	03	98	17	1	397	86	6	3	6	0	3	72	89	152	9	8	29	02	97	17	9	426	74	8	8	7	×	×	69	65	—	—	9.2	—	36.7	..
	Landi Kotal *	000	3	6	02	03	97	03	9	383	83	6	0	9	5	0	63	95	000	9	7	02	02	97	03	9	046	84	7	1	6	0	0	71	74	—	—	0.8	—	15.0	..
	Parachinar *	000	0	8	13	02	99	02	2	796	82	8	8	8	×	×	62	××	000	0	0	00	00	99	00	0	794	72	0	0	9	0	0	41	××	—	—	5.9	—	25.0	29
D.I. Khan	Miranshah *	000	0	4	00	00	99	00	0	432	97	0	0	9	2	2	93	99	000	0	4	00	00	98	01	0	405	83	0	0	9	4	0	80	81	—	—	0.5	-1.1	14.8	13
	Wana *	000	8	0	09	01	98	00	0	391	92	0	0	9	0	0	59	95																							..
Quetta	Fort Sandeman *	000	0	0	36	04	97	00	5	406	03	0	0	9	0	0	34	04	000	0	0	27	02	97	02	0	415	83	0	0	9	0	0	33	72	+7	-1	2.0	-2.1	12.5	11
	Hindubagh *	000	0	0	27	05	98	00	0	393	92	0	0	9	0	0	39	95	000	0	0	27	09	98	00	0	421	73	0	0	9	0	0	42	66	—	—	0	—	12.3	..
	Loralai *	000	0	2	16	02	98	02	1	489	××	0	0	9	4	0	58	95	000	0	0	31	02	98	00	0	458	73	0	0	9	0	0	62	62	—	—	1.7	—	10.6	..
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	××	××	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	-3.6	14.3	14
	Quetta *	000	0	0	31	03	98	00	0	400	89	0	0	9	0	0	45	92	000	0	0	00	00	96	00	0	422	73	0	0	9	0	0	××	57	—	—	0	-1.0	9.5	9
Kalat	Chaman *	000	0	0	25	03	97	00	0	439	96	0	0	9	0	0	49	96	000	0	0	20	05	97	00	0	438	78	0	0	9	0	0	47	69	-2	-3	0	-0.1	10.2	8
	Kalat *	000	0	0	34	05	98	00	0	444	82	0	0	9	0	0	61	86	000	0	0	00	00	98	00	0	447	71	0	0	9	0	0	30	53	-3	-4	0	-1.1	8.4	7
	Nushki *	000	0	0	27	13	96	00	0	472	00	0	0	9	0	0	39	01	000	0	0	31	03	97	00	0	505	80	0	0	9	0	0	49	76	—	—	0	—	8.0	..
	Dalbandin *	000	6	1	05	03	96	03	0	424	04	0	0	9	0	9	62	04	000	9	0	05	02	98	02	0	423	79	0	0	9	0	0	44	70	-1	-1	0	-0.3	4.4	4
	Panjgur *	000	0	0	31	05	98	00	0	425	98	0	0	9	0	0	37	98	000	0	0	00	00	98	00	0	438	82	0	0	9	0	0	52	73	-2	0	0	—	4.2	5
Afghanistan	Kabul *	000	0	0	36	00	99	00	0	425	91	0	0	9	0	0	23	95	000	0	0	00	00	99	00	0	471	70	0	0	9	0	0	55	60	—	—	—	—	—	12
	Kandahar *																																								..

†Given in Code.
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day.
(Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 19th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	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 a PP	8 N_s C h_sh_s	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Star Betelgeuse	13 207	704 03	7 27 13	98 02 2	057 81	72 × ××	7 5 703	..	0 53 77	1 27 45
Rizwani	13 235	653 06	6 23 04	98 03 2	025 82	32 6 ××		..	..	..
Star Betelgeuse	13 220	690 12	5 27 13	98 02 2	020 84	52 × ××	7 5 718	..	0 00 75	1 27 45
Dwarka	13 240	593 18	7 14 04	97 03 1	992 84	2× 6 ××	1 5 208	..	0 00 80	
Dumra	13 234	676 18	3 85 18	98 01 1	010 82	35 4 00	7 4 725	..	0 00 84	1 83 ××
Rizwani	13 223	638 18	8 23 05	98 03 2	011 81	43 6 ××	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	990 282 265	514 ××××××	..	400 335 282	..	138 115 012	411 045 538	870 562 602	586 668 708	970 790	246 005	..	428 155
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	825 178 062	..	..	..	..	103 145 048	397 092 025	884 012 999	049 575 955	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 285 285	876 262 162	810 322 185	800 285 158	350 712 999	250 885 999	087 295 999	071 012 015	..	071 012 015	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 202 078	710 145 055	675 145 025	555 062 012	487 000 900	..	..	..	..	487 000 900	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb : Dew Point temperatures (in tenths of °C.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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 ..	11 02	08 02	07 01	07 05	09 08	..	..	..	..	02 16	02 15	05 12	07 12	08 15	08 31	06 06	07 07	08 11	09 21	08 23	09 19	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	05 08	13 13	13 12	..	..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	22 24	23 26	23 27	..	..	..	..	..	..	22 22	23 30	23 27	15 07	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	..	..	..	..	..	..	..	..	..	14 11	13 08	06 08	07 14	09 20	10 27	15 03	19 03	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	26 03	27 04	30 03	05 08	04 12	02 17	..	..	..	12 06	12 05	07 08	08 14	09 20	09 23	16 07	21 08	13 13	13 26	11 36	11 34	..	..	..	..	..
Dacca ..	30 06	36 06	01 07	03 14	05 15	06 13	08 19	..	..	02 11	03 10	06 11	09 12	10 16	09 23	08 04	07 09	08 18	09 20	11 21	13 24	10 29	..	..	..	..
Dalbandin ..	..	..	11 07	10 05	28 04	30 13	36 04	28 03	28 08	..	..	07 16	35 10	36 17	33 14	..	..	08 04	31 06	29 08	33 17	30 09	25 07	24 07	25 10	20 09
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	24 10	22 08	21 09	20 07	24 03	29 05	..	..	..	..	22 08	20 09	..	..	..	..	24 07	21 04	17 02	11 01	19 04	25 11	27 22
Fort Sandeman ..	..	..	..	29 09	28 12	27 07	26 12	28 15	28 11	..	..	..	09 02	29 05	30 13	..	..	..	06 02	02 01	31 08	29 23	29 27	27 27	27 21	-24 13
Jacobabad ..	17 17	18 12	03 06	03 08	36 16	35 10	29 09	33 13	35 08	16 12	19 07	21 03	25 04	01 09	34 15	16 05	14 03	05 03	35 07	33 15	35 13	36 10	35 11	35 16	32 05	01 03
Jessore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	13 11	12 13	20 05	26 04	31 06	33 11	34 20	..	..	16 10	14 18	14 16	11 15	34 05	32 10	11 10	12 10	..	..	..	..	..	..	..	..	..
Jiwani ..	22 08	23 03	32 05	02 10	01 14	01 05	..	..	..	18 07	23 03	31 05	..	..	..	17 05	24 03	34 05	31 06	33 05	36 07	03 08	03 10	05 10	..	..
Karachi ..	25 30	26 08	..	..	..	..	..	..	..	26 23	..	..	..	..	..	27 26	..	..	..	..	..	..	..	..	..	..
Khanpur ..	22 12	22 17	22 16	21 17	24 09	01 14	01 13	35 16	35 13	19 19	20 33	23 36	24 19	24 17	24 23	22 12	22 10	21 09	22 06	28 04	12 05	35 10	01 08	01 14	01 05	09 05
Lahore ..	11 04	22 03	35 02	34 12	36 15	36 15	30 09	33 04	..	12 13	11 14	19 05	11 10	20 15	..	15 22	15 27	14 18	..	..	..	..	..	..	..	..
Multan ..	22 19	21 16	20 19	20 18	18 05	05 04	33 13	33 13	32 13	19 26	21 34	22 35	20 18	18 11	25 08	28 12	19 13	18 14	18 17	19 13	18 07	19 03	26 06	21 08	30 15	27 02
Muscat ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	22 29	20 22	22 11	17 06	18 04	..	..	..	..	35 10	01 04	20 13	21 09	28 12	..	04 03	03 07	18 03	20 06	..	..	..	..	..	..
Quetta ..	..	..	..	..	30 13	30 13	31 16	28 13	29 20	..	..	..	..	32 07	29 18	..	..	..	..	29 08	27 15	29 15	28 14	23 13	27 14	23 10
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	31 03	35 04	03 07	09 11	09 15	08 13	07 19	..	..	08 13	07 15	08 14	08 19	09 23	12 32	08 13	09 19	09 20	09 19	11 25	11 28	09 17	08 15	07 16	08 14	09 21
Veraval ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	25 23	25 14	26 17	28 15	33 10	33 15	03 12	03 14	04 12	07 15	10 19	11 25	12 31	16 43	16 35	16 27	10 14	
Peshawar ..																		
Quetta ..																		

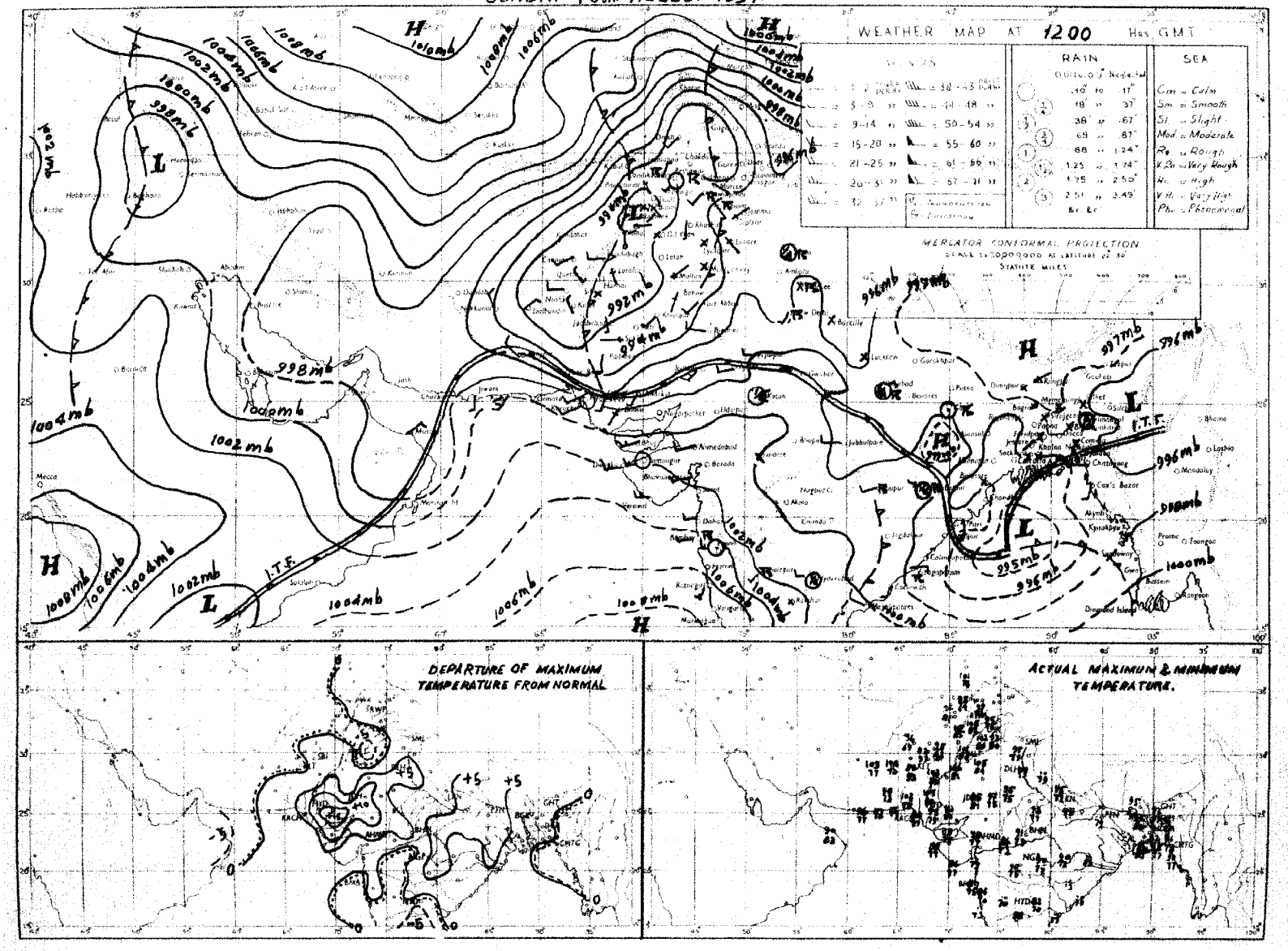
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

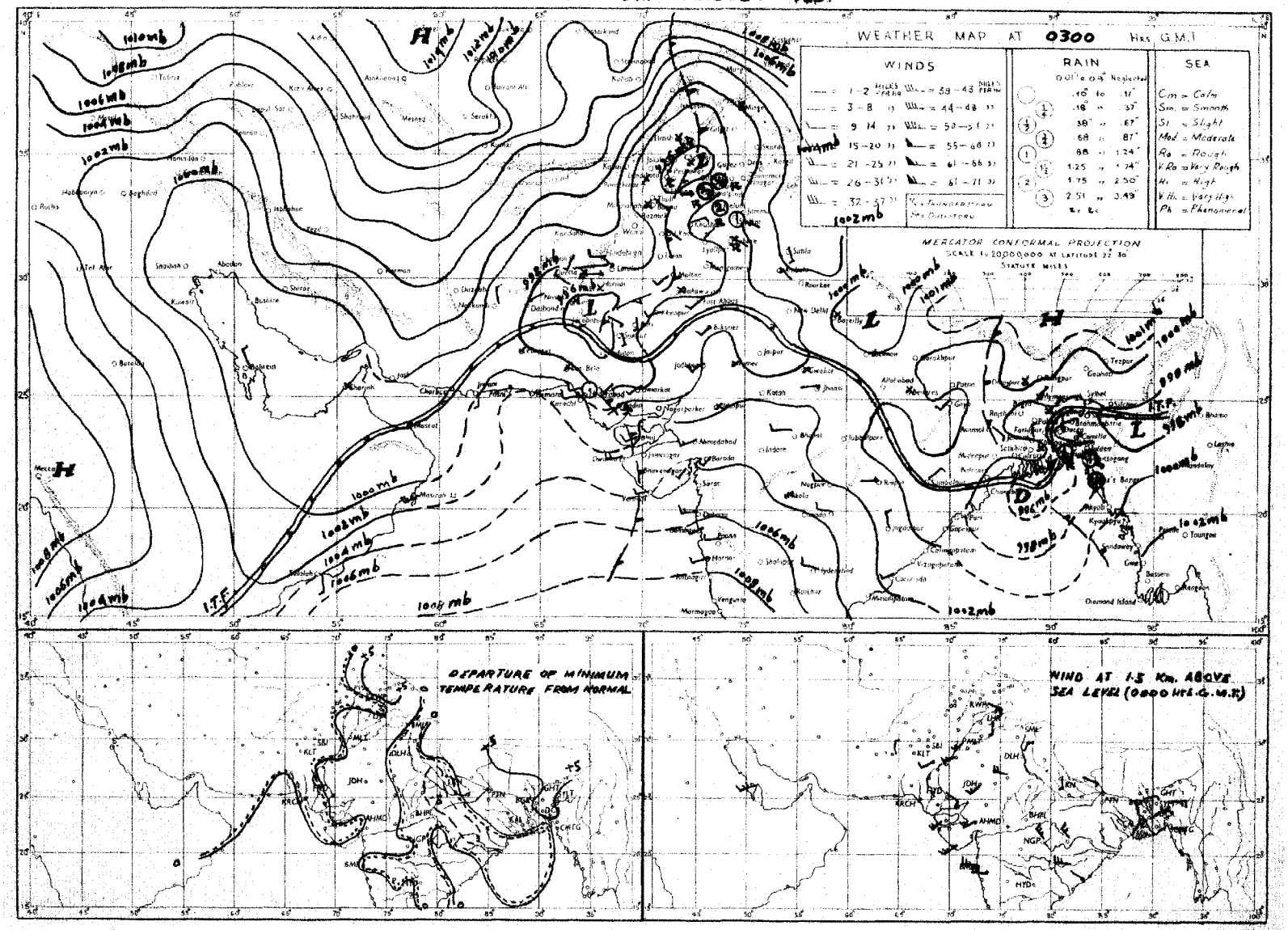
SUNDAY 18th AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

MONDAY 19th. AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

TUESDAY, THE 20th AUGUST, 1957.

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

Ships observations and also observations from West Bengal and adjoining areas are lacking but believe yesterday's Bay depression remained practically stationary centred at 20,0300 G.M.T within one degree of latitude 21°north and longitude 89½°East. It is likely to intensify and move northwestwards.

Scattered rain/thundershowers have occurred in Chittagong and Dacca divisions.

Yesterday's well marked low over Peshawar and Rawalpindi divisions moved away eastwards after causing local rain/thundershowers in Lahore, Rawalpindi and Peshawar divisions and scattered in D. I. Khan division. Isolated thunderstorm is also reported from Multan and Quetta divisions.

Chief amounts of rainfall are:—Campbellpur 1"; Bannu ¾"; Khushab and Cherat ½" each and Brahmanbaria and Kakul ¼" each.

Day temperatures were 3-6°F above normal in D. I. Khan and Quetta divisions and in East Pakistan and were 4-6°F below normal in Lahore, Peshawar, Rawalpindi and Multan divisions.

Forecast valid until the evening of 21st:—Rainfall will be fairly widespread in the southern districts and scattered elsewhere over East Pakistan. Scattered thunderstorms/showers are also expected in Peshawar, Rawalpindi and Lahore divisions and in Kashmir.

Karachi-11.
The 20th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS.	STATION	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths) *	Dry Bulb Temperature°	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F.
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar ..	000	3	3	10	03	96	02	6	955	55	3	3	7	0	0	79	89
	Chittagong ..	000	0	3	23	05	96	01	1	951	87	3	4	7	0	0	79	89
	Maijdee Court ..	000	9	7	13	02	98	01	1	949	89	0	0	9	0	2	77	91
	Comilla ..	000	0	4	18	05	99	17	0	946	94	3	3	5	5	0	82	96
	Brahmanbaria ..	018	0	6	23	03	95	63	2	951	81	6	5	3	0	0	80	97
	Sylhet ..	000	0	8	00	00	97	03	0	936	84	1	2	6	4	×	84	100
	Srimangal ..	000	0	1	00	00	97	03	0	940	93	1	2	5	0	0	90	99
Dacca	Mymensingh ..	000	0	0	00	00	99	00	1	946	94	0	0	9	0	0	83	97
	Narayanganj ..	000	9	3	27	03	96	03	0	945	92	1	2	7	3	0	82	95
	Dacca (Tezgaon) ..	000	9	4	13	02	98	02	1	939	91	3	9	5	0	1	80	94
	Faridpur ..	000	0	2	00	00	96	01	1	949	92	2	4	8	0	0	81	93
	Barisal ..	010	0	8	00	00	95	03	2	945	90	8	0	9	6	×	80	92
Rajshahi	Khulna ..	000	0	0	00	00	97	00	2	950	89	0	0	9	0	0	82	94
	Satkhira ..	000	0	4	00	00	99	01	2	965	89	2	5	5	9	0	82	94
	Jessore ..	000	0	2	13	05	97	01	0	942	91	1	8	6	6	0	84	93
	Sirajganj ..	000	0	1	00	00	97	00	0	933	90	1	1	2	0	0	82	95
	Bogra ..	000	0	4	00	00	96	01	0	942	94	0	0	8	0	8	80	95
	Dinajpur ..	000	2	0	00	00	96	00	0	949	94	2	0	9	8	0	80	100
	Rangpur ..	000	0	2	09	02	96	01	1	×××	95	2	5	6	0	0	83	97
Kashmir	Jammu ..																	
Lahore	Lahore (Jail Rd.) ..	000	8	7	00	00	97	03	2	973	89	7	3	7	0	0	76	91
	Sialkot ..	015	9	5	00	00	98	02	6	972	86	2	1	6	3	0	81	86
Rawalpindi	Jhelum ..	003	5	8	13	03	97	02	6	973	87	6	2	6	1	×	79	88
	Rawalpindi ..	012	9	7	00	00	98	03	7	968	85	4	5	6	2	0	77	87
	Khushab ..	000	0	5	11	10	98	03	1	964	94	5	1	6	0	0	76	96
Multan	Lyallpur ..	000	2	7	02	02	96	97	9	959	92	7	3	8	0	0	83	98
	Montgomery ..	000	0	3	00	00	96	01	1	970	98	3	5	7	0	0	78	00
	Multan ..	000	0	0	13	02	96	00	0	955	01	0	0	9	0	0	77	06
Bahawalpur	Leiah ..																	
	Khanpur ..	000	0	0	23	05	96	00	0	935	04	0	0	9	0	0	81	05
	Bahawalpur ..	000	0	2	00	00	97	02	0	946	01	2	0	9	0	2	81	02
	Fort Abbas ..																	
Peshawar	Chakdara ..	000	0	6	××	××	97	01	2	949	82	6	5	7	0	0	70	88
	Peshawar ..	000	0	6	19	03	98	02	2	950	93	2	3	7	6	2	75	94
	Haripur ..	000	9	7	13	02	97	03	2	959	87	7	2	6	0	0	75	88
	Campbellpur ..	000	0	8	13	05	98	01	4	969	88	8	0	8	3	×	78	88
D.I. Khan	Bannu ..	082	5	8	05	02	99	02	6	955	91	8	0	9	3	×	80	93
	D.I. Khan ..	000	6	4	05	02	98	03	0	939	03	0	0	9	0	4	80	04
Quetta	Sibi ..	000	0	0	18	01	98	00	0	920	08	0	0	9	0	0	70	10
Kalat	Nokkundi ..	000	0	0	34	06	98	02	0	947	01	0	0	9	0	0	44	03
	Turbat ..	000	0	0	23	02	97	00	0	999	93	0	0	9	0	0	××	02
	Jiwani ..	000	0	1	18	05	97	01	1	975	85	1	6	4	0	0	78	88
	Pasni ..	000	0	0	25	17	96	00	0	986	85	0	9	9	0	0	78	88
	Ormara ..	000	0	0	××	××	98	00	0	989	84	0	0	9	0	0	80	85
	Las Bela ..	000	0	0	09	02	99	00	0	959	97	0	0	9	0	0	74	04
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	12	97	03	2	972	85	6	0	9	1	0	81	87
	Karachi (Air port)	000	0	8	25	12	96	02	5	979	84	8	6	5	×	×	75	86
	Badin ..	000	0	0	23	02	97	00	0	972	92	0	0	9	0	0	73	94
	Nagarparker ..																	
	Umarkot ..	000	0	0	23	03	97	00	0	982	95	0	0	9	0	0	78	96
	Hyderabad ..	000	0	3	23	12	96	03	2	960	92	3	5	6	0	0	73	95
Khairpur	Pad-i-dan ..	000	0	0	18	05	98	00	0	935	03	0	0	9	0	0	67	04
	Nawabshah ..	000	0	0	18	09	96	00	0	943	01	0	0	9	0	0	73	04
	Sukkur ..	000	8	1	00	00	96	01	0	928	05	0	0	9	0	1	79	05
	Kashmore ..																	
	Jacobabad ..	000	0	1	18	03	97	02	0	935	02	0	0	9	0	1	74	03
Junagarh	Veraval ..																	
Afghanistan	Jalalabad ..																	
Arabia	Muscat ..	000	0	0	05	02	99	00	0	975	90	0	0	9	0	0	83	92
	Kuwait ..																	
	HILL STATIONS																	
Kashmir	Srinagar * ..																	
	Gulmarg ** ..																	
	Sonamarg ** ..																	
	Dras ** ..																	
	Leh ** ..																	
	Skardu * ..																	
	Misgar ** ..	000	0	0	13	11	98	00	0	042	74	0	0	9	0	0	33	80
	Aliabad * ..																	
Rawalpindi	Gilgit * ..																	
	Murree * ..	009	7	8	05	02	93	03	6	416	98	8	5	2	×	×	65	73
Peshawar	Drosh * ..	000	4	8	23	09	96	17	9	408	82	8	9	6	×	×	60	96
	Cherat * ..	000	8	5	18	03	97	01	2	491	79	1	2	6	6	0	69	79
	Kakul * ..	000	7	7	27	02	98	02	2	426	79	7	9	6	0	0	72	82
	Landi Kotal * ..	000	0	5	02	02	97	03	1	401	82	5	5	6	0	0	67	85
D.I. Khan	Parachinar * ..	000	0	4	13	02	99	02	0	794	81	4	5	8	0	0	60	××
	Miranshah * ..	000	0	0	00	00	99	00	0	454	86	0	0	9	0	0	83	92
	Wana * ..																	
Quetta	Fort Sandeman * ..	000	0	0	05	02	97	00	0	395	00	0	0	9	0	0	25	01
	Hindubagh * ..	000	0	0	27	05	98	00	0	393	92	0	0	9	0	0	39	95
	Loralai * ..	000	0	0	16	05	98	00	0	465	92	0	0	9	0	0	53	94
	Harnai * ..	000	0	0	14	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta * ..	000	0	0	25	05	97	02	0	412	90	0	0	9	0	0	78	92
Kalat	Chaman * ..	000	0	0	25	03	98	00	0	436	94	0	0	9	0	0	56	95
	Kalat * ..	000	0	0	36	09	98	00	0	422	84	0	0	9	0	0	47	86
	Nushki * ..	000	0	0	36	09	96	00	0	473	02	0	0	9	0	0	55	03
	Dalbandin * ..	000	0	0	31	05	96	02	0	421	05	0	0	9	0	0	63	06
	Panjgur * ..	000	0	0	31	03	98	00	0	437	97	0	0	9	0	0	35	98
Afghanistan	Kabul * ..	000	0	3	36	02	99	03	0	429	86	3	4	7	0	0	73	92
	Kandahar * ..																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS.	STATION	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths) *	Dry Bulb Temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum temperature °F.	Departure from Normal of Maximum Temperature	Departure from Normal of Minimum Temperature	Rainfall Since 1st June 1957 to date.	Rainfall Departure from normal	Rainfall Since 1st January 1957 to date	Rainfall Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar ..	000	0	5	05	02	96	02	0	972	90	2	4	7	8	9	80	81	+ 4	+ 5	90.1	+ 4.4	101.0	140
	Chittagong ..	000	0	4	02	05	97	02	1	966	89	4	5	6	0	0	80	81	+ 3	+ 5	55.4	− 3.2	62.8	108
	Maijdee Court ..	000	6	6	00	00	96	03	2	972	88	0	0	9	0	3	88	82	+ 6	+ 4	42.2	−18.4	60.4	115
	Comilla ..	000	9	1	00	00	99	03	9	969	91	1	4	7	0	0	79	82	+ 11	+ 6	32.3	−13.8	44.2	94
	Brahmanbaria ..	018	0	1	05	03	97	03	2	969	90	1	5	5	0	0	82	80	—	—	30.8	− 4.5	48.5	78
	Sylhet ..	000	0	1	09	05	97	02	0	971	89	1	0	9	7	0	82	80	—	—	59.6	—	110.1	..
	Srimangal ..	800	0	1	05	03	97	01	0	971	90	0	0	9	0	1	82	76	+ 9	0	44.8	+ 2.2	71.4	98
Dacca	Mymensingh ..	000	0	4	09	02	99	01	1	976	91	4	2	5	0	0	83	85	+ 10	+ 7	41.5	− 1.6	55.6	91
	Narayanganj ..	000	9	6	××	××	96	03	2	969	93	6	4	7	0	0	82	86	+ 8	+ 7	36.6	+ 2.7	52.8	74
	Dacca (Tezgaon) ..	000	9	5	36	02	98	02	6	964	92	5	8	5	0	0	84	85	—	—	19.2	—	54.1	..
	Faridpur ..	000	9	3	02	02	96	03	2	972	90	3	5	8	0	1	83	82	+ 6	+ 4	34.0	+ 0.3	46.1	71
	Barisal ..	010	0	0	00	00	96	02	2	968	90	0	0	9	0	0	82	83	+ 5	+ 5	30.7	−10.6	47.9	81
Rajshahi	Khulna ..	000	0	0	00	00	97	00	0	969	89	0	0	9	0	0	81	82	+ 7	+ 4	31.3	− 4.5	39.2	66
	Satkhira ..	000	0	3	00	00	99	01	1	969	89	2	5	5	9	0	82	71	+ 6	− 7	25.6	− 7.5	31.4	65
	Jessore ..	000	0	1	09	05	97	01	0	968	90	1	0	9	6	0	85	81	—	—	33.0	+ 0.9	34.3	65
	Sirajganj ..	000	0	1	01	00	97	00	0	961	93	1	1	2	0	0	85	86	+ 8	+ 7	45.7	+ 14.5	56.7	64
	Bogra ..	000	0	0	05	02	98	00	0	969	92	0	0	9	0	0	84	85	+ 6	+ 7	46.3	+ 12.5	53.7	69
	Dinajpur ..	000	0	0	00	00	96	00	0	981	92	0	0	9	0	0	83	80	+ 11	+ 2	37.2	+ 0.3	40.6	72
	Rangpur ..	000	3	1	02	02	96	03	4	×××	92	1	5	6	0	0	74	83	+ 6	+ 5	42.6	+ 0.4	51.4	84
Kashmir	Jammu ..																							..
Lahore	Lahore (Jail Rd.) ..	000	9	3	00	00	96	03	0	007	85	0	0	9	0	9	79	78	− 6	0	11.2	+ 0.6	19.9	19
	Sialkot ..	015	9	5	00	00	98	01	2	994	84	2	0	9	4	6	78	77	− 8	− 1	10.4	− 6.7	34.5	32
Rawalpindi	Jhelum ..	003	4	7	23	02	97	02	2	000	84	7	0	9	7	0	79	76	—	—	11.9	—	22.7	..
	Rawalpindi ..	012	0	6	00	00	99	01	1	007	80	6	5	7	0	0	78	74	− 7	− 1	12.6	− 4.1	28.5	36
	Khushab ..	058	0	5	09	03	98	01	9	996	86	1	9	6	7	0	78	77	− 4	− 4	5.9	− 1.8	14.7	15
Multan	Lyallpur ..	000	0	4	04	02	96	03	5	997	85	0	0	9	3	0	78	81	0	+ 1	6.5	− 0.1	12.6	12
	Montgomery ..	000	0	4	09	03	96	01	1	988	84	4	5	7	0	0	78	80	− 1	− 2	0.2	− 5.5	4.0	10
	Multan ..																		+ 8					7
Bahawalpur	Leiah ..																							8
	Khanpur ..	000	0	0	25	06	96	00	0	980	87	0	0	9	0	0	75	84	+ 2	+ 1	0.2	− 3.8	1.3	4
	Bahawalpur ..	000	0	0	00	00	97	00	0	987	89	0	0	9	0	0	81	85	+ 2	+ 4	1.0	− 2.7	2.3	6
	Fort Abbas ..																							8
Peshawar	Chakdara ..	000	0	6	××	××	97	03	1	989	76	0	0	9	3	0	67	59	—	—	2.3	—	17.1	
	Peshawar ..	000	1	6	20	03	97	17	9	992	81	6	9	6	0	0	63	80	− 4	+ 1	1.8	− 1.5	12.9	14
	Haripur ..	000	9	8	31	02	96	21	2	997	78	8	3	6	×	×	74	77	—	—	4.1	—	18.2	..
	Campbellpur ..	105	5	8	01	02	98	03	6	013	74	8	4	6	×	×	72	73	—	—	4.8	—	20.2	..
D.I. Khan	Bannu ..	082	0	0	23	02	99	00	1	994	80	0	0	9	0	0	75	77	—	—	2.3	—	9.4	11
	D.I. Khan ..	000	2	4	00	00	97	01	1	994	84	0	0	9	4	0	72	79	+ 4	− 2	2.0	− 4.3	7.4	10
Quetta	Sibi ..	000	0	0	18	01	99	00	0	980	90	0	0	9	0	0	76	90	—	—	1.1	—	6.2	5
Kalat	Nokkundi ..	000	0	0	09	02	99	02	0	103	85	0	0	9	0	0	77	79	—	—	0	—	1.9	2
	Turbat ..	000	0	0	00	00	98	00	0	999	82	0	0	9	0	0	66	81	—	—	3.5	—	5.9	..
	Jiwani ..	000	0	6	23	05	97	02	1	999	80	6	6	4	0	0	76	78	—	—	0	—	3.1	4
	Pasni ..	000	0	6	29	02	95	05	0	014	80	6	5	7	0	0	76	××	− 1	×	0	− 0.9	6.2	6
	Ormara ..	000	0	6	××	××	98	02	1	014	81	6	4	6	0	0	79	78	—	—	0	− 0.8	3.8	8
	Las Bela ..	000	0	0	00	02	98	00	0	999	82	0	0	9	0	0	76	77	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	31	05	96	03	2	993	81	2	7	5	×	×	80	78	+ 2	0	0.6	− 4.6	10.1	8
	Karachi (Air port)	000	0	7	27	05	96	02	2	992	81	7	5	5	0	0	75	78	—	—	0.9	—	1.4	8
	Badin ..	000	3	6	23	03	95	20	3	994	83	6	7	6	0	0	72	××	+ 2	—	0.7	− 4.9	0.7	..
	Nagarparker ..																							..
	Umarkot ..	000	0	7	23	03	97	02	0	992	82	0	0	9	0	0	77	79	—	—	3.0	—	3.0	
	Hyderabad ..	000	0	0	23	09	97	02	0	982	84	0	0	9	0	0	74	79	0	0	0.2	− 4.8	2.0	7
Khairpur	Pad-i-dan ..	000	0	0	13	02	98	02	0	980	84	0	0	9	0	0	75	78	—	—	0.1	—	1.4	..
	Nawabshah ..																		—	—				..
	Sukkur ..	000	0	0	00	00	96	00	0	982	84	0	0	9	0	0	75	80	—	—	0.1	—	2.9	4
	Kashmore ..																		—	—				..
	Jacobabad ..	000	0	0	13	07	97	02	0	983	85	0	0	9	0	0	76	83	0	+ 1	0	− 3.1	3.5	4
Junagarh	Veraval ..																							20
Afghanistan	Jalalabad ..																							..
Arabia	Muscat ..	000	0	0	00	00	99	00	0	985	87	0	0	9	0	0	80	85	+ 2	+ 1	0	− 0.1	6.9	4
	Kuwait ..																							..
	HILL STATIONS																							
Kashmir	Srinagar * ..																							24
	Gulmarg ** ..																							71
	Sonamarg ** ..																							28
	Dras ** ..																							
	Leh ** ..																							3
	Skardu * ..																							6
	Misgar ** ..																							..
	Aliabad * ..																							
Rawalpindi	Gilgit * ..																							5
	Murree * ..	009	9	8	13	02	97	03	1	4?2	65	8	5	4	×	×	62	61	+ 3	+ 4	18.8	− 8.0	52.7	59
Peshawar	Drosh * ..	007	9	7	00	00	96	03	9	441	71	5	5	7	6	0	65	66	+ 1	− 6	1.2	—	23.4	18
	Cherat * ..	057	3	6	31	07	97	01	6	427	71	6	5	6	0	0	68	67	− 7	− 3	0.6	− 3.8	−4.6	29
	Kakul * ..	020	9	7	13	03	97	02	2	438	71	7	8	6	0	0	67	70	—	—	9.4	—	36.9	..
	Landi Kotal * ..	000	5	4	02	02	97	03	8	4?9	80	4	5	6	0	0	70	74	—	—	0.8	—	15.0	..
D.I. Khan	Parachinar * ..	000	0	0	00	00	99	00	0	794	69	0	0	9	0	0	62	××	—	—	5.9	—	25.0	29
	Miranshah * ..	000	0	6	05	02	98	00	0	469	79	0	0	8	4	2	78	77	—	—	2.5	− 1.2	14.8	13
	Wana * ..																							
Quetta	Fort Sandeman * ..	000	8	0	00	00	96	00	9	436	79	0	0	9	0	0	65	68	+ 4	− 5	2.0	− 2.1	12.5	11
	Hindubagh * ..	000	0	0	27	02	98	00	0	429	76	0	0	9	0	0	45	67	—	—	0	—	12.3	..
	Loralai * ..	000	0	0	27	00	98	00	0	437	69	0	0	9	0	0	45	63	—	—	1.7	—	10.6	..
	Harnai * ..	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	− 3.7	14.3	14
	Quetta * ..	000	0	0	00	00	96	00	0	430	70	0	0	9	0	0	45	55	—	—	0	− 1.0	9.5	9
Kalat	Chaman * ..	000	0	0	20	05	97	00	0	450	76	0	0	9	0	0	50	69	− 3	− 3	0	− 1.0	10.2	8
	Kalat * ..	000	0	0	00	00	98	00	0	456	66	0	0	9	0	0	40	53	− 3	− 4	0	− 1.1	8.4	7
	Nushki * ..	000	0	0	05	03	97	00	0	500	75	0	0	9	0	0	46	75	—	—	0	—	8.0	4
	Dalbandin * ..	000	0	0	13	02	95	05	0	434	80	0	0	9	0	0	43	71	+ 1	0	0	− 0.3	4.4	4
	Panjgur * ..	000	0	0	13	02	98	00	0	441	81	0	0	9	0	0	39	76	− 2	+ 3	0	—	4.2	5
Afghanistan	Kabul * ..																		—	—				12
	Kandahar * ..																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 20th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN				$YQ L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	$8 N_s C h_s h_s$	$O T_sT_s T_dT_d$	$1 d_w d_w P_w H_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Circassia	..	..	..	23 162	545 00	8 10 13	98 02 1	037 77	85 4 xx	..	..	..	..
Kiswani	..	..	..	23 212	624 06	8 23 05	98 03 2	031 81	82 6 xx	..	..	..	..
Dwarka	..	..	..	23 250	630 12	1 20 15	97 02 0	973 82	11 4 00	2 5 610	..	0 05 73	1 20 33
Cambridge	..	..	..	23 226	598 12	3 18 10	97 01 4	971 80	35 4 00	7 6 400	..	0 53 76	..
Dwarka	..	..	..	23 249	646 18	4 24 09	97 03 1	999 81	31 4 00	2 5 112	..	0 02 79	..
Dumra	..	..	..	23 248	654 18	1 24 18	98 02 0	996 82	15 3 00	6 5 220	..	0 02 75	1 24xx

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	996 278 258	..	..	400 252 208	..	131 212 122	452 138 038	970 058 535	770 532 622	000 628	300 782	501 870	774 970
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	826 182 065	..	..	..	..	108 138 505	393 075 582	869 532 718	621 572 999	984 620	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPP TTT $T_dT_dT_d$									PPP TTT TdTdTd	St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	985 280 270	908 245 232	885 242 228	800 252 188	640 162 065	570 132 032	350 578 665	250 692 792	050 025 999	050 025 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 205 088	789 208 082	743 162 035	620 092 588	531 015 698	523 002 702	350 595 999	..	..	350 595 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ..	02 02	09 03	11 10	12 25	13 20	11 18	..	..	..	03 05	04 08	06 10	08 16	08 17	10 25
Chaklala ..	..	15 09	15 13	10 09	04 03	24 10	..	..	..	..	26 07	19 04	16 01	11 03	30 06
Chhor ..	23 21	23 15	23 10	..	..	..	..	..	..	21 14	23 19	22 20	06 07	04 05	..
Chittagong ..	..	..	..	..	..	..	..	..	..	01 13	01 16	01 17	07 19	08 17	10 34
Cox's Bazar ..	20 13	15 18	08 10	09 18	10 25	11 31	..	..	..	06 12	10 06	10 08	07 12	09 28	11 38
Dacca ..	16 04	12 06	12 09	12 17	13 24	12 27	08 27	07 21	09 24	01 05	04 11	05 15	09 17	09 13	10 15
Dalbandin ..	..	..	05 06	16 03	35 06	34 11	32 04	28 13	22 23	..	..	04 03	10 02	36 05	35 14
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	27 05	21 07	..	..	..	..	..	..	..	..	19 02	21 04
Fort Sandeman ..	..	..	..	24 03	19 05	22 05	30 17	30 29	31 17	..	..	..	16 02	23 03	31 10
Jacobabad ..	17 07	18 08	21 06	21 05	32 09	36 08	35 19	36 19	35 21	17 15	16 08	12 05	34 05	09 03	36 07
Jessore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	13 08	12 12	11 12	12 08	..	..	..	..	..	28 03	14 01	13 01	04 03	01 04	33 05
Jiwani ..	23 10	20 03	36 01	34 07	01 06	01 09	35 07	27 05	27 06	19 06	32 05	35 06	35 06	35 02	35 07
Karachi ..	28 18	25 22	26 31	..	..	..	..	..	..	28 20	28 23	27 19	..	..	..
Khanpur ..	19 05	21 06	21 08	18 08	17 04	31 12	33 15	32 12	03 05	23 19	22 12	22 08	23 02	07 06	36 11
Lahore ..	12 08	14 10	14 06	03 03	33 09	02 10	35 05	36 07	..	16 04	13 04	10 04	02 03	01 09	02 10
Multan ..	21 06	18 08	17 10	15 13	19 10	22 03	33 21	33 23	31 23	19 05	20 05	21 06	23 06	25 08	29 10
Muscat ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	06 07	07 07	13 10	20 15	19 13	..	..	..	..	33 05	33 05	28 01	18 02	..
Quetta ..	..	..	..	..	29 14	28 14	28 23	27 41	26 33	..	..	..	..	15 02	29 18
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	..	..	..	..	..	..	..	..	..	09 08	09 13	09 15	09 19	11 21	10 27
Veraval ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	06 06	09 11	09 17	09 18	10 22	10 39	09 28	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	18 07	10 06	10 16	11 18	10 25	..	..	..	..	..	..
Cox's Bazar ..	..	..	..	..	..	..	..	..	..	..	..
Dacca ..	06 06	09 17	10 25	11 30	12 31	10 27	19 37	09 39	..	..	..
Dalbandin ..	..	..	04 03	35 03	33 11	32 12	..	..	..	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	27 03	19 02	19 08	22 17	22 21	16 18	18 23
Fort Sandeman ..	..	..	..	04 01	07 03	30 06	33 15	32 12	30 17	28 37	26 34
Jacobabad ..	15 03	14 02	08 02	08 03	05 08	35 17	35 16	03 11	03 06	08 09	11 06
Jessore ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	05 01	36 04	36 04	12 05	13 09	..	..	..	..	..	..
Jiwani ..	16 01	02 05	01 06	31 05	27 05	36 08	03 04	22 04	22 04	..	..
Karachi ..	26 14	26 19	27 22	..	..	..	..	..	..	..	..
Khanpur ..	24 04	04 02	04 02	06 05	05 06	01 06	35 19	01 03	07 04	..	..
Lahore ..	08 03	10 06	08 07	07 08	04 08	14 05	06 06	07 04	19 03	24 13	26 16
Multan ..	02 13	01 13	03 10	33 06	xx xx	08 07	34 06	31 11	29 15	33 18	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	32 03	30 13	31 08	31 11	31 15	25 17	24 23
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	09 11	09 20	09 22	11 23	11 35	08 24	07 13	08 21	09 31	10 34	06 24
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 12	29 17	29 15	35 15	03 13	03 15	03 15	01 14	01 19	02 10	08 08	30 07	05 06	13 09	14 08			
Peshawar ..																		
Quetta ..																		

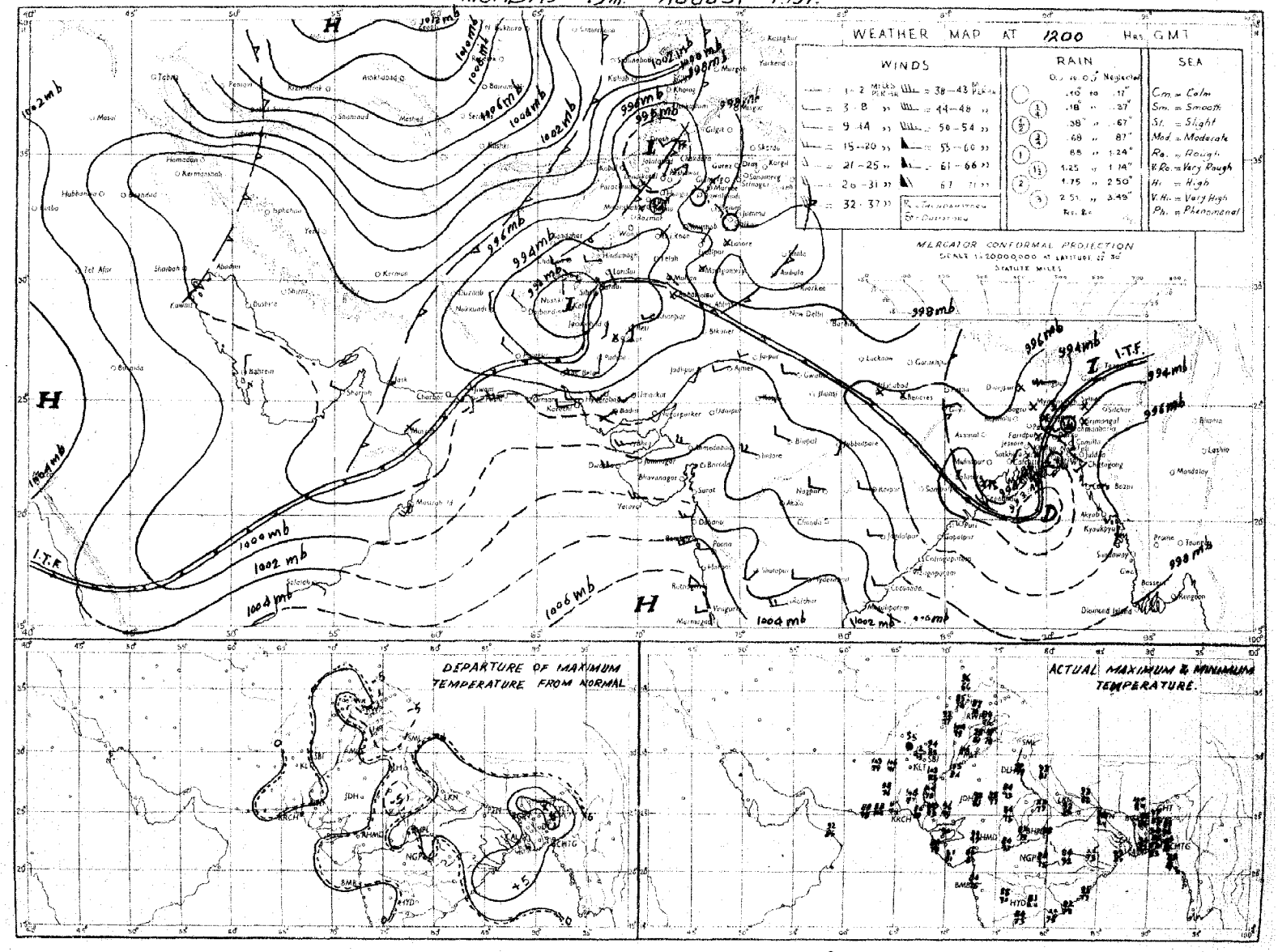
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

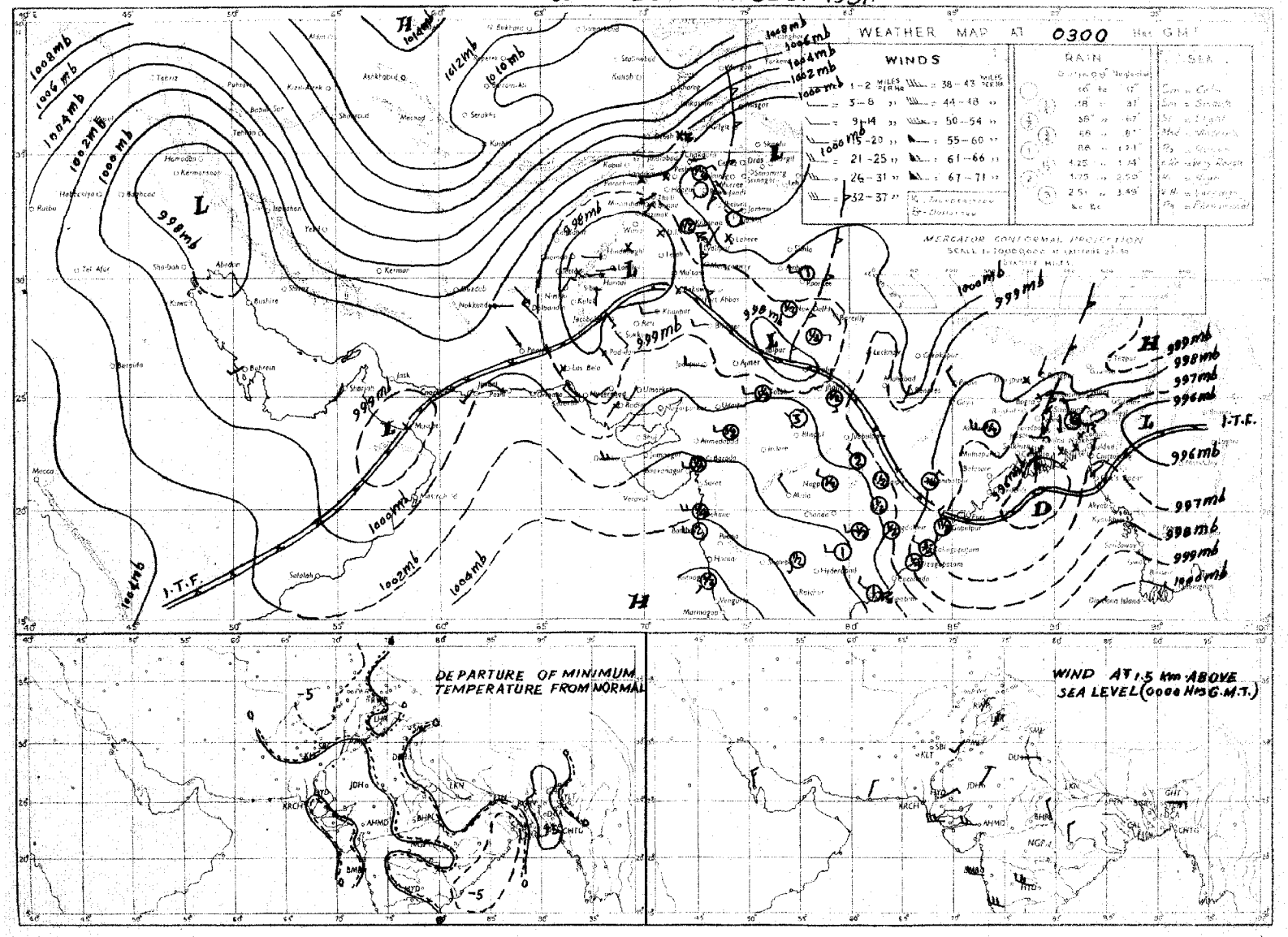
MONDAY 19th. AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 20th AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

WEDNESDAY, THE 21st AUGUST, 1957.

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

Yesterday's depression in the Bay of Bengal moved westwards, intensified into a deep depression and is centred at 21,0300 G.M.T. within half degree of latitude 20°N and longitude 88°E. It is likely to intensify into a cyclonic storm and move westwards.

Local rain has fallen in Chittagong division.

A low pressure wave is moving across Peshawar division.

Scattered rain/thundershowers have occurred in Rawalpindi, Peshawar, D. I. Khan and Quetta divisions.

A low lies over south Rajasthan.

Chief amounts of rainfall are:—Kakul ¾"; Haripur and Parachinar ½" each and Cox's Bazar, Chittagong and Fort Sandeman ¼" each.

Day temperatures were 4-8°F above normal in Quetta, D. I. Khan and Hyderabad divisions and in East Pakistan.

Forecast valid until the evening of 22nd:—Fairly widespread rain will fall in the southern districts and scattered elsewhere over East Pakistan. Thunderstorms/showers will be scattered in Peshawar, Rawalpindi, Lahore, Bahawalpur, Khairpur and Hyderabad divisions and in Kashmir.

Heavy rainfall warning:—Locally heavy rain will fall in the southern districts of East Pakistan during next 24 hours.

Karachi-11.
The 21st August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † W_1 (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	019	1	6	16	10	96	66	0	xxx	xx	6	9	6	0	0	81	91
	Chittagong	021	2	8	29	02	96	63	9	945	77	8	7	5	x	x	77	93
	Maijdee Court	000	6	0	18	02	97	00	0	937	90	0	0	9	0	0	81	95
	Comilla	000	0	4	00	00	99	03	0	933	95	2	2	7	6	0	83	00
	Brahmanbaria	000	0	2	00	00	97	01	2	937	93	0	0	9	0	8	82	98
	Sylhet	000	0	3	09	02	97	02	0	938	93	1	2	6	0	4	82	97
	Srimangal	000	0	2	00	00	97	02	0	940	91	0	0	9	3	:	84	97
Dacca	Mymensingh	000	0	0	00	00	96	00	1	939	94	0	0	9	0	0	80	97
	Narayanganj	000	9	3	00	00	96	02	0	933	95	1	2	7	0	8	82	97
	Dacca (Tezgaon)	000	9	3	09	02	98	01	1	929	94	1	3	6	0	1	83	97
	Faridpur	000	8	2	11	02	96	01	0	928	93	0	0	9	0	0	82	95
	Barisal	000	0	2	00	00	96	02	2	936	92	3	0	9	4	0	81	96
Rajshahi	Khulna	000	0	0	09	02	97	00	0	961	94	0	0	9	0	0	83	92
	Satkhira	000	0	4	00	00	97	01	1	934	90	4	5	7	0	0	85	95
	Jessore	000	0	2	09	03	97	01	0	933	93	1	8	6	0	4	86	97
	Sirajganj	000	0	1	00	00	96	00	0	926	93	1	1	3	0	0	83	96
	Bogra	000	0	0	00	00	96	00	0	938	95	0	0	9	0	0	80	97
	Dinajpur	000	0	0	00	00	96	00	0	947	95	0	0	9	0	0	83	98
	Rangpur	000	0	2	09	02	96	01	0	xxx	96	2	5	6	0	0	84	98
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	5	00	00	96	01	0	954	95	1	2	7	3	4	70	96
	Sialkot	000	9	2	00	00	98	01	1	952	95	0	0	9	0	9	81	96
Rawalpindi	Jhelum	000	9	6	36	02	98	02	2	956	93	2	3	7	1	0	79	95
	Rawalpindi	000	0	4	00	00	98	02	0	952	92	4	2	7	3	0	72	94
	Khushab	013	3	4	11	03	98	03	9	957	91	1	1	6	7	0	74	98
Multan	Lyallpur	000	0	7	02	02	96	03	0	956	95	7	3	8	0	0	76	99
	Montgomery	000	0	3	13	02	96	02	1	948	97	3	5	7	0	0	79	00
	Multan	000	0	0	13	02	96	01	0	943	04	0	0	9	0	1	72	06
Bahawalpur	Leiah																	
	Khanpur	000	0	0	31	05	96	00	0	936	04	0	0	9	0	0	76	05
	Bahawalpur	000	0	7	00	00	96	02	6	949	96	7	0	9	0	4	83	04
	Fort Abbas	000	0	8	23	03	97	02	0	946	93	8	1	6	0	0	76	05
Peshawar	Chakdara	000	0	3	00	00	98	01	2	924	89	0	0	8	4	0	64	95
	Peshawar	000	4	7	09	03	97	03	9	945	92	2	3	6	7	0	75	94
	Haripur	057	9	1	05	02	97	01	6	946	95	0	0	9	3	0	77	96
	Campbellpur	000	0	3	05	02	98	01	1	957	92	3	0	8	5	0	73	92
D.I. Khan	Bannu	000	4	4	13	02	99	03	1	952	92	4	0	9	3	0	78	94
	D.I. Khan	000	0	0	05	02	98	00	0	953	98	0	0	9	0	0	79	02
Quetta	Sibi	000	0	0	18	01	98	00	0	922	09	0	0	9	0	0	72	10
Kalat	Nokkundi	000	0	0	34	05	98	02	0	951	00	0	0	9	0	0	42	02
	Turbat	000	0	0	00	00	97	00	0	992	03	0	0	9	0	0	96	04
	Jiwani	000	0	0	18	10	97	00	0	969	86	0	0	9	0	0	77	88
	Pasni	000	0	0	25	17	96	00	0	984	85	0	0	9	0	0	77	88
	Ormara	000	0	0	xx	xx	98	00	0	983	85	0	0	9	0	0	79	86
	Las Bela	000	0	0	09	04	98	00	0	942	01	0	0	9	0	0	76	08
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	12	97	02	0	967	86	0	0	9	0	0	82	87
	Karachi (Air port)	000	0	3	23	14	97	03	0	967	86	3	6	5	0	0	77	91
	Badin	000	0	0	23	03	97	00	0	972	96	0	0	9	0	0	76	99
	Nagarparker	xxx	x	3	23	05	96	20	3	xxx	xx	3	2	4	0	0	xx	xx
	Umarkot	000	0	0	23	03	97	00	0	935	97	0	0	9	0	0	76	98
	Hyderabad	000	0	0	23	09	97	02	0	945	98	0	0	9	0	0	73	06
Khairpur	Pad-i-dan	000	0	0	09	02	98	02	0	936	05	0	0	9	0	0	67	05
	Nawabshah	000	0	0	09	02	97	02	0	940	03	0	0	9	0	0	73	04
	Sukkur	000	0	0	00	00	96	00	0	934	01	0	0	9	0	0	81	03
	Kashmore	000	0	4	18	04	98	00	0	981	xx	4	1	7	0	1	74	xx
	Jacobabad	000	0	0	09	05	97	02	0	935	03	0	0	9	0	0	78	04
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	20	02	99	00	0	973	94	0	0	9	0	0	77	00
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	8	4	09	05	98	01	4	424	69	3	1	4	8	0	63	73
Peshawar	Drosh *	000	0	4	23	05	98	01	2	387	88	4	2	6	0	0	53	92
	Cherat *	000	5	4	00	00	97	03	1	420	82	4	0	7	7	0	64	84
	Kakul *	071	6	2	27	02	98	01	6	419	84	2	2	7	0	1	68	85
	Landi Kotal *	000	0	7	02	03	97	03	2	400	83	7	0	9	5	0	65	86
	Parachinar *	100	3	8	13	02	99	61	0	795	83	8	8	8	x	x	63	xx
D.I. Khan	Miranshah *	000	0	2	05	02	99	02	0	440	90	0	0	9	2	0	87	93
	Wana *	000	0	2	07	02	98	00	1	419	84	2	2	8	0	0	63	92
Quetta	Fort Sandeman *	000	0	3	00	00	96	01	0	395	01	3	1	6	0	0	33	02
	Hindubagh *	000	0	0	27	05	98	00	0	392	92	0	0	9	0	0	45	94
	Loralai *	000	0	2	13	02	98	02	1	469	92	2	0	9	3	0	55	93
	Harnai *	000	0	0	13	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	31	07	98	03	0	422	91	1	2	6	0	0	66	93
	Chaman *	000	0	0	25	05	97	00	0	429	95	0	0	9	0	0	65	95
Kalat	Kalat *	000	0	0	34	07	98	00	0	417	83	0	0	9	0	0	53	87
	Nushki *	000	0	0	36	09	96	00	0	462	01	0	0	9	0	0	53	02
	Dalbandin *	000	0	0	13	03	96	02	0	420	04	0	0	9	0	0	44	05
	Panjgur *	000	0	0	31	03	98	00	0	434	98	0	0	9	0	0	44	98
Afghanistan	Kabul *	000	0	6	22	02	97	03	0	451	84	6	4	9	0	0	52	90
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1957 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	019	9	5	16	09	96	02	9	985	86	4	3	6	6	2	76	78	+ 6	+ 2	90.3	+ 3.8	101.2	140
	Chittagong	021	0	4	13	02	97	02	1	984	86	2	5	7	2	0	77	78	+ 7	+ 2	55.6	- 3.6	63.0	100
	Maijdee Court	000	9	6	00	00	97	03	0	982	85	0	0	9	2	0	79	82	+ 10	+ 4	42.2	- 19.3	50.4	115
	Comilla	000	0	5	00	00	99	03	0	982	89	5	4	7	0	0	80	82	+ 13	+ 6	32.3	- 14.3	44.2	94
	Brahmanbaria	000	0	3	05	02	97	03	2	981	91	3	5	3	0	0	81	84	—	—	30.8	- 4.9	48.5	78
	Sylhet	000	0	1	09	05	97	02	0	980	88	1	2	6	0	0	74	80	—	—	59.6	—	118.1	..
	Srimangal	000	0	1	36	02	97	01	0	980	90	0	0	9	3	0	81	77	+ 7	+ 1	44.8	+ 2.7	71.4	98
Dacca	Mymensingh	000	0	0	00	00	99	00	0	973	91	0	0	9	0	0	83	84	+ 10	+ 8	41.6	- 0.5	55.6	91
	Narayanganj	000	9	5	09	03	96	03	2	983	92	5	4	6	0	0	79	85	+ 10	+ 6	36.6	+ 2.3	52.8	76
	Dacca (Tezgaon)	000	0	3	13	02	98	03	0	975	90	3	2	5	0	0	82	83	—	—	19.2	—	54.1	..
	Faridpur	000	9	1	16	02	96	03	0	975	89	1	5	7	0	0	78	82	+ 8	+ 3	34.0	- 0.1	46.1	71
	Barisal	000	0	0	27	03	96	03	2	982	89	0	0	9	0	0	78	82	+ 9	+ 4	30.6	- 11.2	47.8	81
Rajshahi	Khulna	000	0	6	13	03	97	01	1	975	88	6	5	7	0	0	79	83	+ 5	+ 5	31.3	- 4.9	39.3	68
	Satkhira	000	0	4	09	04	99	01	0	967	88	3	5	9	9	0	80	82	+ 7	+ 4	25.6	- 7.9	31.4	68
	Jessore	008	9	4	13	07	97	01	0	972	87	4	4	6	0	0	81	82	—	—	33.1	- 0.7	36.4	63
	Sirajganj	000	0	0	00	00	97	00	0	967	89	0	0	9	0	0	81	85	+ 9	+ 6	45.7	+ 14.1	56.7	64
	Bogra	000	0	4	09	02	96	02	0	979	92	4	1	6	0	0	84	86	+ 8	+ 8	46.3	+ 12.0	53.7	69
	Dinajpur	000	0	0	00	00	96	00	0	981	94	0	0	9	0	0	83	78	+ 9	0	37.2	0	40.6	72
	Rangpur	000	0	1	09	02	96	01	0	xxx	93	1	5	6	0	0	83	xx	+ 9	x	37.2	- 5.4	40.6	86
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	6	00	00	96	01	1	987	89	3	0	9	3	9	82	83	- 1	+ 5	11.2	+ 0.4	19.9	18
	Sialkot	000	5	3	00	00	98	01	1	980	88	0	0	9	0	4	77	83	+ 2	+ 5	10.4	- 7.1	34.5	32
Rawalpindi	Jhelum	000	0	2	05	02	98	02	0	985	87	2	0	9	3	0	75	79	—	—	11.9	—	22.7	..
	Rawalpindi	000	0	3	00	00	99	01	1	991	88	3	2	6	0	0	73	78	0	+ 3	12.6	- 4.5	28.5	36
	Khushab	013	0	1	00	00	99	01	0	986	90	0	0	9	0	9	77	81	- 2	0	6.1	- 1.9	14.8	15
Multan	Lyallpur	000	0	0	13	02	96	00	0	987	92	0	0	9	0	0	80	82	+ 1	+ 3	6.5	- 0.2	12.6	12
	Montgomery	000	0	0	00	00	96	00	1	978	92	0	0	9	0	0	80	84	- 1	+ 3	0.2	- 5.6	4.0	10
	Multan	000	0	1	05	02	96	01	0	977	86	0	0	9	0	1	76	82	+ 8	0	0.7	- 3.3	4.1	7
Bahawalpur	Leiah																							6
	Khanpur	000	0	0	09	06	96	00	0	972	92	0	0	9	0	0	78	79	+ 2	- 2	0.2	- 4.2	1.2	6
	Bahawalpur	000	0	5	00	00	97	03	0	980	91	5	0	9	0	4	81	83	+ 4	+ 3	1.0	- 2.8	2.3	6
	Fort Abbas	000	0	3	05	02	97	01	0	977	98	3	1	6	0	0	79	85	—	—	—	—	—	8
Peshawar	Chakdara	000	0	6	09	xx	97	02	2	986	77	0	x	8	8	x	63	60	—	—	2.3	—	17.1	12
	Peshawar	000	0	4	30	33	98	02	1	976	86	1	1	7	3	1	73	81	- 4	+ 4	1.8	- 1.5	12.9	14
	Haripur	057	9	5	23	02	97	02	0	997	83	5	0	9	0	5	72	71	—	—	4.7	—	18.8	..
	Campbellpur	000	0	5	13	02	98	01	1	998	83	5	0	8	5	0	79	74	—	—	4.8	—	20.2	..
D.I. Khan	Bannu	000	3	3	00	00	99	00	1	983	85	3	0	9	0	3	76	78	—	—	2.3	—	9.4	11
	D.I. Khan	000	2	3	00	00	97	01	1	971	90	0	0	9	3	0	77	82	+ 2	+ 1	2.0	- 7.3	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	966	90	0	0	9	0	0	76	90	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	34	05	99	02	0	012	84	0	0	9	0	0	40	80	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	98	00	0	000	90	0	0	9	0	0	48	xx	—	—	2.5	—	5.9	..
	Jiwani	000	0	2	00	00	96	01	2	991	81	0	0	9	3	0	78	79	—	—	0	—	3.1	4
	Pasni	000	0	6	25	03	96	05	0	995	80	6	5	7	0	0	77	75	- 1	0	0	- 0.9	6.2	6
	Ormara	000	0	7	xx	02	98	02	1	012	80	7	4	5	0	0	77	77	—	—	0	- 0.8	3.8	[illegible]
	Las Bela	000	0	0	00	00	98	00	0	986	86	0	0	9	0	0	74	77	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	27	07	96	03	2	586	81	0	0	9	7	0	77	79	+ 2	+ 1	0.6	- 4.7	1.1	8
	Karachi (Air port)	000	0	8	25	07	96	03	1	990	82	8	6	5	x	x	74	81	—	—	0.9	—	1.4	[illegible]
	Badin	000	3	4	00	00	96	20	3	990	84	0	7	9	0	0	75	xx	+ 7	x	—	—	—	..
	Nagarparker	xxx	x	4	23	03	96	10	3	xxx	xx	2	1	4	0	0	xx	xx	—	—	—	—	—	..
	Umarkot	000	0	8	23	01	97	00	0	966	82	0	0	9	0	0	76	80	—	—	3.0	—	3.0	7
	Hyderabad	000	0	2	23	07	97	03	0	978	84	0	0	9	0	5	74	79	+ 11	0	0.2	- 4.8	2.0	..
Khairpur	Pad-i-dan	000	0	6	13	02	98	02	2	972	86	0	0	9	0	4	76	82	—	—	0.1	—	1.4	..
	Nawabshah	000	0	3	18	05	97	01	1	976	86	0	0	9	0	2	76	81	—	—	0.1	—	0.6	4
	Sukkur	000	9	2	00	00	96	0	0	971	89	0	0	9	0	8	79	83	—	—	0.1	—	2.9	..
	Kashmore	000	0	0	05	01	99	00	0	973	93	0	0	9	0	0	79	86	—	—	—	—	—	..
	Jacobabad	000	0	0	00	00	97	02	0	974	95	0	0	9	0	0	77	84	+ 1	+ 3	0	- 2.1	3.5	4
Junagarh	Veraval																							30
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	6	5	00	00	99	02	2	986	93	0	0	8	2	0	63	87	+ 10	+ 4	0	- 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							
Kashmir	Srinagar *																							36
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							..
	Misgar **	000	0	6	00	00	96	01	2	032	52	6	3	9	0	0	34	48		—	—	—	—	..
	Aliabad *																							[illegible]
	Gilgit *																							..
Rawalpindi	Murree *	000	9	4	09	02	98	02	1	428	70	5	0	7	5	0	56	62	+ 3	+ 6	18.8	- 8.3	51.7	58
Peshawar	Drosh *	001	9	7	00	00	96	03	9	431	74	3	5	7	3	0	62	69	- 3	- 2	1.2	—	23.3	18
	Cherat *	000	0	0	36	02	97	00	0	438	76	0	0	9	0	0	60	71	- 2	+ 2	3.8	- 4.7	24.5	29
	Kakul *	071	9	5	07	02	99	03	1	437	77	5	0	9	7	0	67	66	—	—	10.1	—	37.7	..
	Landi Kotal *	000	4	5	00	00	97	01	8	426	79	5	0	9	5	0	65	73	—	—	0.8	—	15.0	..
	Parachinar *	000	0	4	00	00	99	00	0	796	67	4	0	9	0	0	55	—	—	—	6.4	—	25.5	29
D.I. Khan	Miranshah *	000	0	0	05	02	99	00	0	439	81	0	0	9	0	0	75	75	—	—	2.5	- 1.1	14.8	13
	Wana *	000	0	3	00	00	97	00	0	448	77	3	2	8	0	0	66	70	—	—	1.1	—	13.2	..
Quetta	Fort Sandeman *	024	8	0	00	00	97	00	9	436	77	0	0	9	0	0	61	66	+ 5	- 7	2.3	- 1.9	12.8	11
	Hindubagh *	000	0	0	27	02	98	00	0	436	74	0	0	9	0	0	46	64	—	—	0	—	12.3	..
	Loralai *	000	0	0	31	02	98	00	0	438	69	0	0	9	0	0	53	62	—	—	1.7	—	10.6	..
	Harnai *	000	0	0	31	01	98	00	0	—	—	0	0	9	0	0	—	—	—	—	2.0	- 3.7	14.3	14
	Quetta *	000	0	1	00	00	96	03	0	434	69	0	0	9	0	8	46	59	—	—	0	- 1.0	9.5	9
	Chaman *	000	0	0	20	07	97	00	0	432	77	0	0	9	0	0	57	70	- 3	0	0	- 0.3	10.2	8
Kalat	Kalat *	000	0	0	00	00	98	00	0	454	70	0	0	9	0	0	56	55	- 2	- 1	0	- 1.1	8.4	7
	Nushki *	000	0	0	09	03	97	00	0	486	79	0	1	9	0	0	44	75	—	—	0	—	8.0	..
	Dalbandin *	000	9	1	00	00	95	05	0	437	76	1	0	9	4	1	41	70	0	+ 1	0	- 0.3	4.4	4
	Panjgur *	000	0	0	23	02	98	00	0	443	82	0	0	9	0	0	47	78	- 2	+ 8	0	—	4.2	3
Afghanistan	Kabul *	000	0	3	36	00	99	03	2	504	70	3	1	9	0	0	62	41	—	—	—	—	—	12
	Kandahar *																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 21st AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Sirrah	..	..	..	33 253	582 00	4 12 02	98 03 0	000 88	28 4 30	2 54 00	..	0 53 84	1 12 20
Circassia	..	..	..	33 208	616 06	8 22 24	98 02 2	039 80	83 3 xx	..	..	..	..
Taihomaru	..	..	..	33 200	645 06	8 24 25	96 02 2	050 79	84 5 xx	3 5 400	..	0 02 43	..
Sirrah	..	..	..	33 250	599 06	1 02 02	97 01 0	023 82	10 7 40	2 5 113	..	0 00 81	1 14 31
Taihomaru	..	..	..	33 102	658 12	8 24 24	96 02 2	040 79	84 5 xx	3 5 400	..	0 32 75	..
Circassia	..	..	..	33 218	628 12	7 22 24	98 02 2	001 82	73 4 00		..	..	..
Sirrah	..	..	..	33 246	613 12	7 16 06	97 02 2	995 82	00 9 07	2 5 715	..	0 61 79	1 16 43
Dwarka	..	..	..	33 236	674 18	1 27 18	97 01 2	014 82	1x 4 00	3 5 207	..	0 04 88	..
Sirrah	..	..	..	33 247	628 18	9 18 06	97 03 1	023 81	9x 0 xx	2 4 226	..	..	1 16 43
Circassia	..	..	..	33 228	642 18	6 25 24	98 02 0	011 80	63 3 00	..	..	..	..
Taihomaru	..	..	..	33 182	670 18	8 24 24	95 02 2	050 81	04 5 xx	3 5 210	..	0 00 75	..
Dumra	..	..	..	33 244	609 18	0 25 05	99 02 0	980 82	00 9 00	5 6 213	..	0 51 73	1 25 xx

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Karachi	00 00	996 288 272	516 xxxxxx	..	380 275 138	..	959 165 012	245 055 595	706 552 672	433 638 762	952 778	..	..	..
Quetta	00 00	825 162 072	..	..	..	..	071 072 999	314 538 999	719 660 999	..	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPP TTT $T_dT_dT_d$									PPP TTT TdTdTd	St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Karachi	00 00	900 208 208	875 242 205	826 238 072	800 242 105	350 678 782	..	..	..	..	350 678 782	..	..
Quetta	00 00	800 152 075	765 145 055	630 002 999	..	..	..	..	..	..	630 002 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Badin	09 12	10 12	11 15	12 18	12 33	09 42	..	..	..	11 18	11 17	12 20	09 23	09 27	..
Chaklala	..	..	..	..	..	..	..	..	..	..	07 06	09 05	04 03	06 04	04 04
Chhor	20 04	21 05	11 02	07 05	03 08	01 14	01 30	36 22	01 19	24 19	24 18	24 10	07 06	..	..
Chittagong	20 05	16 09	14 11	09 19	10 28	12 44	..	..	..	10 07	10 07	12 09	07 15	11 33	..
Cox's Bazar	16 17	16 26	14 21	10 17	10 14	..	..	..	..	13 21	13 31	13 31	12 35	..	..
Dacca	08 07	10 10	10 15	12 26	13 25	09 23	08 31	09 31	09 29	14 09	14 08	09 12	09 24	09 18	11 20
Dalbandin	..	..	09 04	25 04	30 05	30 11	28 08	26 20	26 17	..	..	08 01	02 07	34 06	33 08
D. I. Khan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh	..	..	..	24 10	23 10	21 13	17 06	18 10	16 05	..	..	..	..	22 02	18 03
Fort Sandeman	..	..	..	10 04	11 08	12 12	21 10	33 09	31 23	..	..	..	24 01	06 03	31 18
Jacobabad	15 05	17 03	20 03	08 04	08 04	02 10	35 19	34 16	34 22	..	..	..	..	..	..
[illegible]	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
[illegible]	33 03	02 03	10 02	10 10	09 09	08 09	07 04	07 04	..	03 02	27 05	22 02	17 01	16 06	13 06
[illegible]	21 05	14 05	20 03	31 07	33 07	35 18	32 07	31 09	29 09	34 08	18 06	..	..	..	..
Karachi	26 12	27 05	03 10	02 06	02 12	01 16	35 18	36 17	36 07	27 14	28 14	..	..	..	..
Khanpur	36 02	31 01	30 01	35 02	01 11	35 11	35 22	34 13	34 13	19 06	27 03	07 04	03 08	04 16	05 23
Lahore	05 05	06 05	07 06	14 08	12 12	10 07	09 06	07 03	19 02	35 06	31 02	21 03	18 09	11 08	12 12
Multan	05 04	04 04	61 03	05 04	02 02	36 07	34 17	35 13	..	10 07	16 05	13 05	02 09	01 13	02 14
[illegible]	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quetta	..	..	..	..	29 11	30 15	28 13	28 13	29 05	..	..	..	..	27 12	29 09
Sharjah	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet	09 12	09 14	10 13	11 13	09 21	10 25	07 19	08 17	08 21	05 04	08 15	09 24	09 22	11 20	12 19
Veraval	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Badin	12 13	12 13	10 17	..	..	..	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..	..	..
Chhor	..	..	..	..	..	..	..	..	..	..	..
Chittagong	14 12	14 16	14 19	12 33	12 37	..	..	..	..	..	..
Cox's Bazar	14 13	15 27	15 36	..	..	..	..	..	..	..	..
Dacca	12 09	12 15	11 12	11 20	11 29	..	..	..	..	..	..
Dalbandin	..	..	10 04	34 06	32 16	32 18	29 24	29 31	29 24	26 02	24 24
D. I. Khan	..	..	..	..	..	..	..	..	..	..	..
Drosh	..	..	..	..	21 05	22 10	18 12	18 14	19 13	21 12	..
Fort Sandeman	..	..	..	27 21	25 01	36 08	31 21	25 11	26 21	22 10	..
Jacobabad	27 02	27 03	05 05	02 07	01 17	02 15	02 10	03 06	04 03	29 02	29 04
[illegible]	..	..	..	..	..	..	..	..	..	..	..
[illegible]	00 00	00 00	00 00	24 04	14 04	15 07	34 01	21 05	20 13	23 28	23 34
[illegible]	05 02	17 07	04 14	16 04	20 07	28 07	29 06	..	..	..	..
Karachi	25 17	34 02	..	..	..	..	..	..	..	..	..
Khanpur	05 05	04 07	04 10	04 13	04 15	02 20	05 15	01 15	11 06	..	..
Lahore	11 01	02 01	01 01	..	..	..	..	..	..	..	..
Multan	02 06	02 08	02 09	01 16	04 29	03 33	00 31	02 29	03 27	35 22	36 27
[illegible]	..	..	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..	..	..
Peshawar	..	..	..	..	..	..	..	..	..	..	..
Quetta	..	..	..	..	30 09	31 13	24 10	30 10	25 11	23 19	26 23
Sharjah	..	..	..	..	..	..	..	..	..	..	..
Sylhet	09 18	09 22	10 24	11 33	10 24	10 33	15 15	10 36	09 36	10 35	09 47
Veraval	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dacca	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Karachi	26 14	27 12	31 13	33 12	36 14	01 20	36 13	36 14	01 16	36 10	03 08	08 12	14 21	15 18	15 15	12 15	04 23	09 31
Peshawar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quetta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

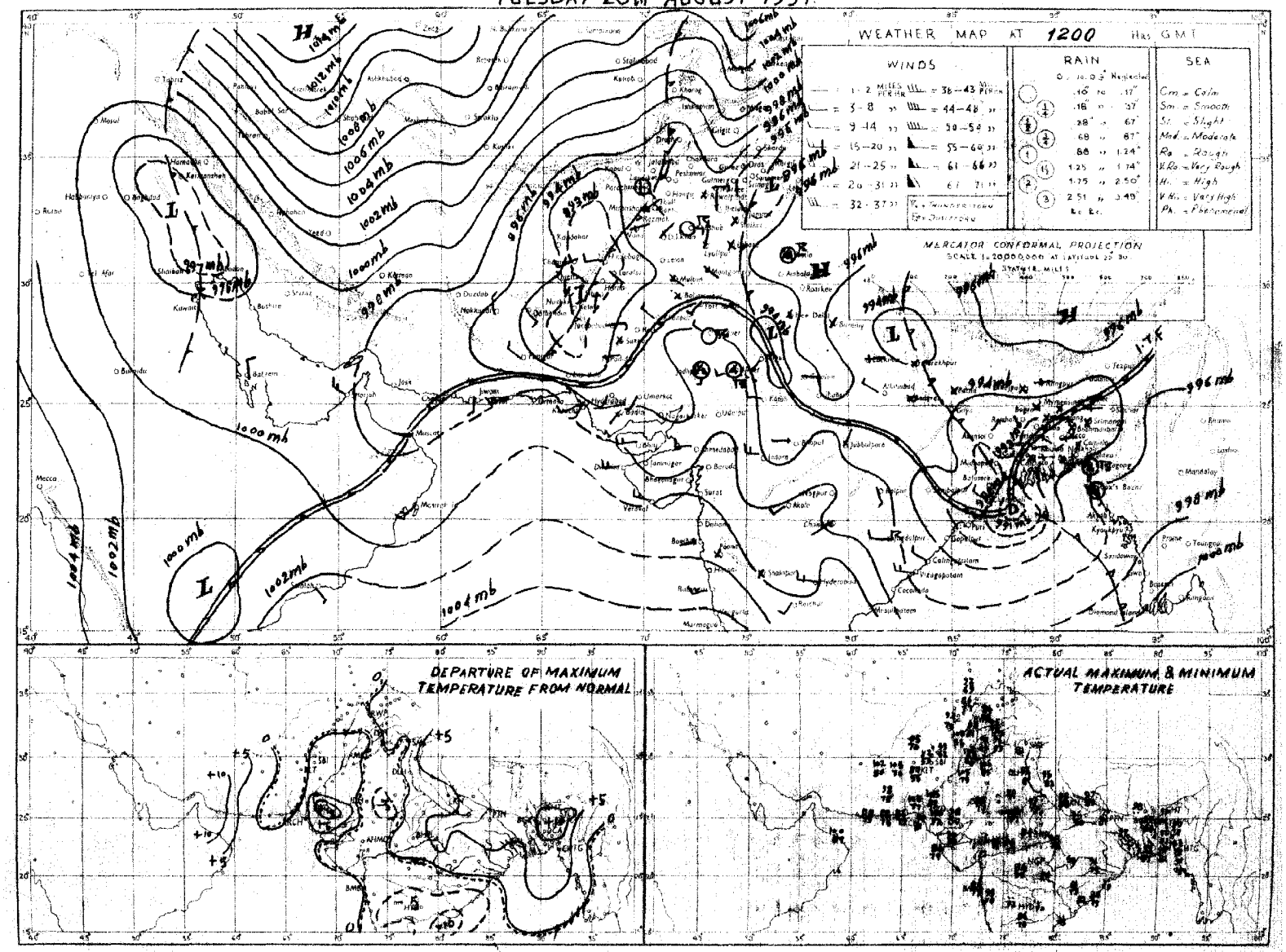
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

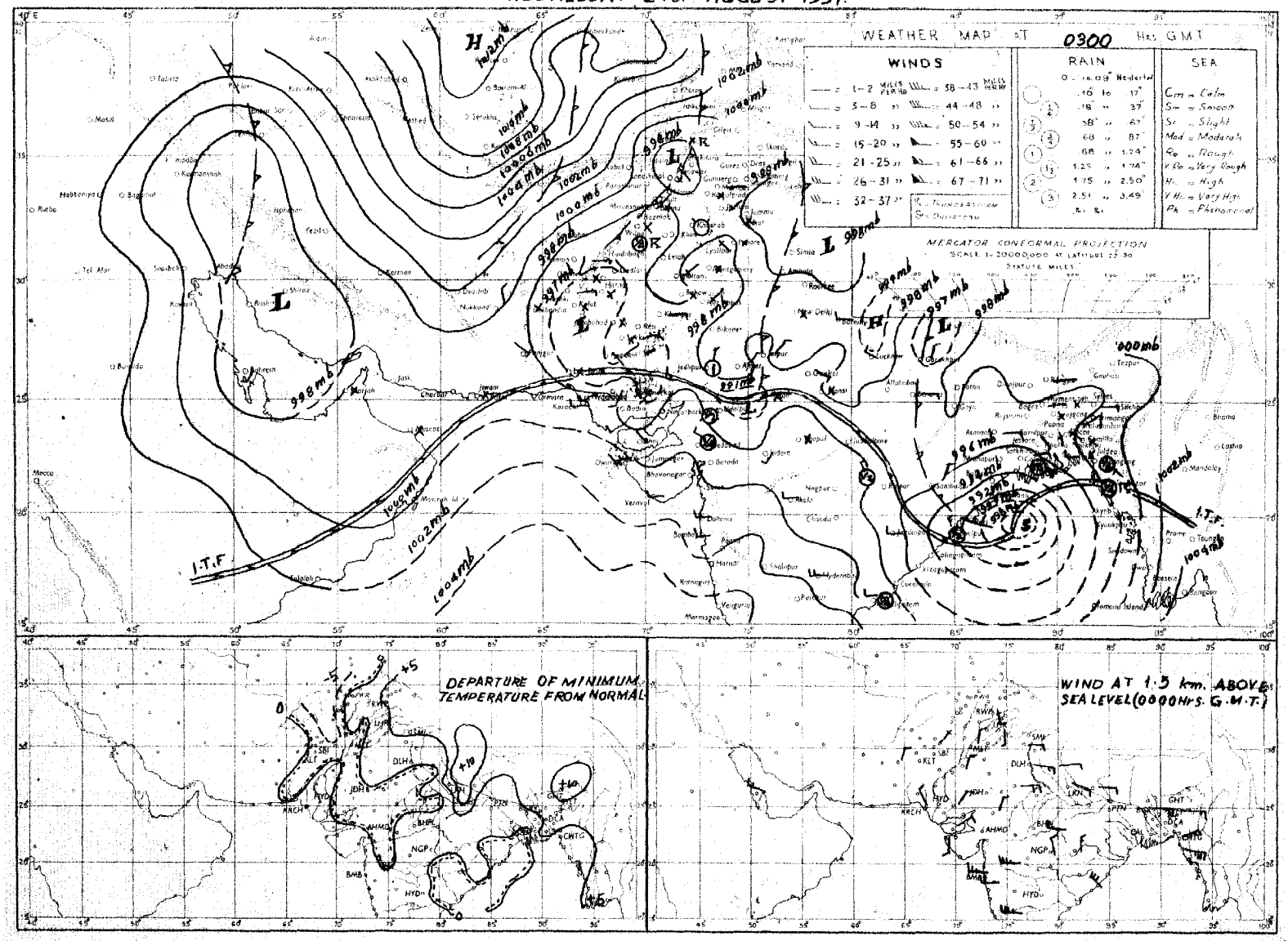
TUESDAY 20th AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 21st AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

THURSDAY, THE 22nd AUGUST, 1957.

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

Yesterday's deep depression in the Bay of Bengal intensified into a cyclonic storm last evening, moved westnorthwestwards, crossed coast last night and is centred at 22,0300 G.M.T. about 50 miles west of Cuttack. It is likely to continue move westnorthwestwards as a cyclonic storm.

Fairly widespread rain and scattered thundershowers are reported from East Pakistan.

The low over south Rajasthan lies over Hyderabad division and neighbourhood.

The low pressure wave over Peshawar division has moved to East Kashmir.

Scattered thunderstorms/showers have occurred in Pesha ar, D. I. Khan, Quetta, Khairpur and Hyderabad divisions and the Federal Capital Area.

Chief amounts of rainfall are:—Umarkot 1¼"; Cox's Bazar and Brahmanbaria 1" each; Badin and Sirajganj ¾" each; Barisal, Satkhira and Hyderabad ½" each and Dacca, Faridpur, Khulna and Bogra ¼" each.

Day temperatures were 3-6°F above normal in Rawalpindi, Lahore, D. I. Khan, Multan and Hyderabad divisions and in East Pakistan.

Forecast valid until the evening of 23rd:—Widespread rain will fall in East Pakistan. Rain/thundershowers will be scattered in Kashmir and West Pakistan outside Kalat division.

Heavy rainfall warning:—Locally moderate to heavy rain will fall in East Pakistan during next 48 hours.

Karachi-11.
The 22nd August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS	STATION	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature° TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	3	6	16	05	95	60	6	985	80	6	4	6	0	0	77	88
	Chittagong	000	0	6	16	09	96	03	2	975	85	5	4	5	1	0	76	91
	Maijdee Court	000	0	7	00	00	97	03	1	968	88	0	0	9	2	0	79	91
	Comilla	000	0	5	18	05	99	03	0	972	89	5	4	5	0	0	79	95
	Brahmanbaria	092	0	6	13	02	97	63	2	977	81	6	4	4	0	0	78	96
	Sylhet	000	0	3	00	00	97	03	0	956	92	2	0	9	2	8	76	97
	Srimangal	000	0	6	23	03	97	03	9	972	85	6	4	6	0	0	79	98
Dacca	Mymensingh	000	0	4	09	02	99	02	1	959	95	0	0	9	0	4	78	96
	Narayanganj	000	9	7	18	05	96	03	1	970	90	4	4	6	3	1	78	94
	Dacca (Tezgaon)	000	9	7	16	03	98	02	1	969	89	2	4	4	2	9	78	93
	Faridpur	000	8	2	11	10	96	01	0	954	89	1	3	8	1	0	78	91
	Barisal	000	0	6	18	05	95	03	3	957	86	5	6	6	9	0	84	96
Rajshahi	Khulna	000	0	8	13	02	96	03	2	955	85	8	4	6	×	×	78	93
	Satkhira	000	0	6	09	04	97	03	1	962	84	4	5	7	9	0	79	91
	Jessore	000	0	4	18	08	97	02	2	948	91	4	8	6	0	0	81	91
	Sirajganj	090	0	4	18	02	96	17	0	952	90	4	9	6	0	0	84	00
	Bogra	000	0	4	09	02	96	01	0	951	93	4	1	6	0	0	79	95
	Dinajpur	000	0	0	00	00	96	00	0	946	92	0	0	9	0	0	78	99
	Rangpur	000	0	3	09	02	96	03	0	×××	96	1	5	6	2	0	81	97
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	4	00	00	96	01	2	956	97	2	8	6	7	1	81	99
	Sialkot	000	2	3	13	02	98	01	1	949	00	0	0	9	3	2	79	00
Rawalpindi	Jhelum	000	0	1	27	02	98	02	0	946	99	1	1	7	0	0	77	00
	Rawalpindi	000	0	3	02	02	99	02	0	950	96	3	2	7	0	0	75	98
	Khushab	000	0	4	20	03	99	03	1	952	00	4	2	6	0	0	73	02
Multan	Lyallpur	000	0	6	13	02	96	02	0	953	00	0	0	9	5	0	75	00
	Montgomery	000	0	3	13	02	97	01	1	949	00	3	1	7	0	0	76	01
	Multan	000	0	1	05	02	96	01	0	946	04	0	0	9	0	1	67	05
Bahawalpur	Leiah																	
	Khanpur	000	0	0	36	06	96	00	0	953	03	0	0	9	0	0	78	05
	Bahawalpur	000	0	4	00	00	97	07	0	943	01	4	0	9	2	0	83	02
	Fort Abbas	000	0	6	05	02	97	03	2	945	99	6	1	6	0	0	××	04
Peshawar	Chakdara	000	0	3	××	××	98	01	2	913	96	1	2	7	3	0	73	00
	Peshawar	000	0	7	36	02	97	03	1	943	97	5	9	6	2	0	72	01
	Haripur	000	9	2	23	02	97	02	2	935	97	2	1	6	0	0	71	98
	Campbellpur	000	0	4	00	00	98	03	1	949	99	2	2	6	5	0	71	99
D. I. Khan	Bannu	000	6	7	23	02	99	17	9	952	95	7	5	5	0	0	79	98
	D.I. Khan	000	6	2	05	02	98	03	0	951	03	0	0	9	0	2	77	00
Quetta	Sibi	000	0	0	00	00	98	00	0	919	14	0	0	9	0	0	67	15
Kalat	Nokkundi	000	0	0	34	05	99	02	0	969	96	0	0	9	0	0	30	98
	Turbat	000	0	0	13	02	97	00	0	988	××	0	0	9	0	0	73	××
	Jiwani	000	0	0	20	09	97	00	0	965	90	0	0	9	0	0	79	95
	Pasni	000	0	0	18	14	95	05	0	978	89	0	0	9	0	0	78	90
	Ormara	000	0	0	××	07	98	00	0	976	86	0	0	9	0	0	81	87
	Las Bela	000	0	0	09	04	98	00	0	943	01	0	0	9	0	0	77	11
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	12	97	01	0	955	87	0	0	9	0	1	84	88
	Karachi (Air port)	000	0	6	23	10	97	03	1	956	86	0	0	9	1	0	77	91
	Badin	003	0	8	23	02	97	20	3	959	98	8	8	5	×	×	77	01
	Nagarparker																	
	Umarkot	030	0	7	23	01	97	02	0	918	99	7	0	9	5	0	77	01
	Hyderabad	000	0	6	20	02	96	01	2	930	92	0	0	9	0	5	74	06
Khairpur	Pad-i-dan	000	0	3	36	31	98	03	1	929	06	1	9	7	0	3	65	08
	Nawabshah	000	0	5	00	00	97	17	2	938	07	5	3	6	0	0	75	08
	Sukkur	030	0	4	20	03	99	03	1	933	02	0	0	9	9	0	79	04
	Kashmore	000	0	6	05	06	98	02	0	940	97	6	2	5	0	0	××	01
	Jacobabad	000	0	1	13	06	97	01	0	938	05	1	1	6	0	0	72	08
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	31	02	99	00	1	965	94	0	0	9	0	0	80	99
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	4	05	11	96	02	1	032	56	4	3	5	0	0	37	62
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	5	13	03	98	02	1	425	72	5	1	4	0	0	65	77
Peshawar	Drosh *	005	5	7	00	00	96	17	9	435	80	7	9	6	0	0	47	93
	Cherat *	000	4	3	18	03	97	03	0	420	85	2	0	9	2	3	63	89
	Kakul *	000	7	3	20	03	98	01	1	420	85	2	2	7	1	3	69	88
	Landi Kotal *	000	3	7	02	02	97	80	9	412	88	7	0	9	7	0	61	94
D. I. Khan	Parachinar *	000	0	0	13	02	99	00	0	496	82	0	0	9	0	0	62	××
	Miranshah *	000	0	4	00	00	98	02	0	454	78	0	0	8	4	0	75	93
	Wana *	000	0	4	09	03	98	02	0	400	85	4	2	8	0	0	60	93
Quetta	Fort Sandeman *	000	0	0	23	02	97	03	1	405	96	6	2	6	0	0	43	97
	Hindubagh *	000	0	0	27	05	98	00	0	404	89	0	0	9	0	0	45	90
	Loralai *	000	0	3	13	02	98	02	1	471	91	0	0	9	4	0	46	92
	Harnai *	000	0	0	09	01	99	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	29	03	97	00	0	406	87	0	0	9	0	0	52	89
	Chaman *	000	0	0	20	03	98	00	0	437	93	0	0	9	0	0	65	93
Kalat	Kalat *	000	0	0	34	05	98	00	0	425	82	0	0	9	0	0	49	84
	Nushki *	000	0	0	31	11	96	00	0	472	00	0	0	9	0	0	19	00
	Dalbandin *	000	0	0	36	03	96	02	0	431	01	0	0	9	0	0	30	03
	Panjgur *	000	0	0	31	05	98	00	0	438	95	0	0	9	0	0	34	96
Afghanistan	Kabul *	012	9	5	36	03	97	03	9	493	70	5	4	7	0	0	69	86
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

STATION	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature °F TnTn
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Cox's Bazar	122	9	8	16	03	94	63	6	046	78	8	4	6	×	×	78	77
Chittagong	002	2	7	16	09	97	02	6	037	82	5	4	6	2	0	77	78
Maijdee Court	005	3	8	13	05	97	03	5	028	81	3	5	5	2	×	79	77
Comilla	000	0	5	18	05	99	03	0	030	86	3	4	5	3	0	75	80
Brahmanbaria	092	0	4	18	03	97	03	2	033	88	4	5	3	0	0	77	78
Sylhet	000	0	7	13	02	97	02	1	035	87	5	5	1	2	8	78	81
Srimangal	000	0	4	13	02	97	02	2	035	87	0	0	9	3	2	76	79
Mymensingh	000	0	4	13	05	99	02	2	036	88	4	2	4	0	0	75	82
Narayanganj	012	8	8	××	××	95	03	6	027	85	6	4	5	3	×	78	80
Dacca (Tezgaon)	018	9	7	13	05	97	02	9	020	83	6	5	4	2	0	79	79
Faridpur	029	9	8	16	02	96	03	6	017	82	8	7	6	×	×	81	77
Barisal	062	9	5	18	02	95	03	6	016	85	5	6	5	0	0	79	79
Khulna	021	0	6	13	05	99	01	2	010	85	6	5	6	0	0	79	80
Satkhira	047	0	8	13	04	97	03	2	002	86	8	5	7	×	×	80	80
Jessore	017	9	8	09	07	97	03	6	004	85	6	4	6	6	×	81	80
Sirajganj	081	9	8	13	06	96	02	9	007	85	8	7	5	×	×	78	80
Bogra	030	9	6	13	03	96	02	9	019	86	6	6	6	0	0	79	81
Dinajpur	000	0	6	09	02	96	02	2	017	88	0	0	9	2	0	80	78
Rangpur	010	0	4	09	05	96	03	0	×××	87	4	5	6	0	0	77	83
Jammu																	
Lahore (Jail Rd.)	000	9	3	00	00	96	02	0	999	89	0	0	9	0	1	81	83
Sialkot	000	4	2	00	00	98	01	1	996	84	0	0	9	0	7	81	84
Jhelum	000	0	1	00	00	97	02	0	994	91	0	0	9	0	1	77	82
Rawalpindi	000	0	0	00	00	99	00	1	001	80	0	0	9	0	0	71	78
Khushab	000	0	4	00	00	99	03	1	997	93	1	9	6	5	9	76	86
Lyallpur	000	0	4	13	02	96	02	1	002	89	0	0	9	0	9	78	85
Montgomery	000	0	0	13	02	97	00	0	992	92	0	0	9	0	0	78	84
Multan	000	0	4	00	00	96	01	0	994	92	1	1	9	1	1	78	82
Leiah																	
Khanpur																	
Bahawalpur	000	0	7	00	00	97	03	0	987	93	4	0	8	9	8	81	86
Fort Abbas	000	0	6	23	03	97	03	1	997	96	6	1	6	0	0	77	87
Chakdara	000	0	6	××	××	97	03	1	009	77	0	0	8	8	0	61	58
Peshawar	000	0	6	36	03	98	03	1	998	88	1	2	6	3	0	64	80
Haripur																	
Campbellpur	000	0	5	09	02	98	01	1	951	86	5	0	8	5	0	68	81
Bannu	000	2	6	05	02	97	17	9	003	82	6	6	0	0	0	79	81
D.I. Khan	000	2	3	00	00	98	01	1	965	90	0	0	9	0	3	77	84
Sibi	000	0	0	00	00	99	00	0	982	93	0	0	9	0	0	74	93
Nokkundi	000	0	0	34	09	99	02	0	043	79	0	0	9	0	0	46	76
Turbat	000	0	0	09	03	98	00	0	000	××	0	0	9	0	0	64	××
Jiwani	000	0	7	09	05	97	03	1	002	82	7	6	4	0	0	79	80
Pasni	000	0	4	02	00	95	05	0	015	78	4	5	7	0	0	77	76
Ormara	000	0	7	00	00	98	02	0	012	80	7	4	5	0	0	79	76
Las Bela	000	0	0	00	00	98	00	0	007	86	0	0	9	0	0	79	80
Karachi (Manora)	000	0	6	19	07	96	03	2	982	83	6	0	9	2	0	80	78
Karachi (Air port)	000	0	7	00	00	96	03	5	984	85	7	0	9	4	0	76	79
Badin	090	6	8	23	02	97	20	2	976	82	8	7	5	×	×	76	××
Nagarparker																	
Umarkot	163	0	0	23	13	97	00	6	963	85	0	0	9	0	0	80	76
Hyderabad	048	9	8	00	00	97	03	6	980	84	2	5	6	7	×	76	76
Pad-i-dan	000	0	8	13	02	97	03	2	981	88	3	5	6	7	×	73	85
Nawabshah	000	0	8	11	03	97	03	9	988	84	8	0	9	3	×	75	81
Sukkur	000	9	6	00	00	94	03	2	980	90	6	0	9	4	0	78	86
Kashmore	000	0	4	05	02	96	00	0	980	91	0	0	9	0	3	79	××
Jacobabad	000	0	6	36	03	96	03	1	983	93	6	0	9	1	0	73	75
Veraval																	
Jalalabad																	
Muscat	000	0	0	05	02	99	03	0	985	90	0	0	8	0	1	77	88
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	000	0	6	00	00	96	02	2	020	53	6	7	7	0	0	38	45
Aliabad *																	
Gilgit *																	
Murree *	000	9	2	00	00	98	01	1	444	68	2	0	7	8	0	59	62
Drosh *	005	9	5	00	00	96	03	9	[illegible]	68	5	2	7	0	0	56	64
Cherat *	000	3	3	36	03	97	01	2	449	76	3	0	9	5	0	52	74
Kakul *	030	9	3	00	00	98	01	1	444	68	2	0	7	8	0	59	62
Landi Kotal *	000	9	4	20	02	97	03	9	542	79	4	0	9	5	0	51	70
Parachinar *	000	0	0	00	00	99	00	0	494	72	0	0	9	0	0	53	××
Miranshah *	000	0	0	00	00	99	00	0	454	81	0	0	9	0	0	78	71
Wana *	000	0	0	00	00	97	00	0	457	73	0	0	9	0	0	57	67
Fort Sandeman *	015	8	0	23	02	97	00	9	447	78	0	0	9	0	0	57	65
Hindubagh *	000	0	0	27	02	98	00	0	447	72	0	0	9	0	0	50	59
Loralai *	011	0	4	27	02	98	02	1	433	68	0	0	9	2	0	52	63
Harnai *	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××
Quetta *	000	0	2	00	00	95	01	0	438	63	0	0	9	0	8	44	54
Chaman *	000	0	0	20	02	97	00	0	462	78	0	0	9	0	0	57	65
Kalat *	000	0	0	00	00	98	00	0	470	54	0	0	9	0	0	34	50
Nushki *	000	0	0	31	05	97	00	0	481	72	0	0	9	0	0	43	71
Dalbandin *	000	0	0	05	03	95	05	0	457	76	0	0	9	0	0	44	69
Panjgur *	000	0	0	36	02	98	00	0	455	79	0	0	9	0	0	42	75
Kabul *	012	0	6	32	00	97	03	2	523	65	6	4	7	0	0	57	58
Kandahar *																	

Departure from Normal of / Rainfall

STATION	Maximum Temperature TxTx	Minimum Temperature TnTn	Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
2	37	38	39	40	41	42
Cox's Bazar	+ 3	+ 1	91.5	+ 4.2	102.4	140
Chittagong	+ 5	+ 2	55.6	- 4.1	63.1	108
Maijdee Court	+ 6	+ 1	42.2	- 20.0	50.4	115
Comilla	+ 8	+ 4	32.3	- 14.9	44.2	94
Brahmanbaria	—	—	31.7	- 4.3	49.5	78
Sylhet	—	—	59.6	—	110.1	
Srimangal	+ 8	+ 3	44.8	+ 2.3	71.4	98
Mymensingh	+ 9	+ 4	41.6	- 2.7	55.6	81
Narayanganj	+ 6	+ 1	36.7	+ 2.0	52.9	74
Dacca (Tezgaon)	—	—	19.4	—	54.3	
Faridpur	+ 4		34.3	- 0.3	46.4	71
Barisal	+ 9	+ 1	31.2	- 11.1	48.4	81
Khulna	+ 5	+ 2	31.5	- 5.2	39.5	68
Satkhira	+ 3	+ 2	26.1	- 7.9	31.8	65
Jessore	—	—	33.2	+ 0.5	36.6	65
Sirajganj	+ 13	+ 1	46.5	+ 14.5	57.5	64
Bogra	+ 7	+ 3	46.6	+ 11.8	54.0	69
Dinajpur	+ 10	0	37.2	- 0.4	40.6	72
Rangpur	+ 8	+ 6	37.3	- 5.8	40.7	84
Jammu						
Lahore (Jail Rd.)	+ 2	+ 5	11.2	+ 0.2	19.9	19
Sialkot	+ 6	+ 6	10.4	- 7.3	34.5	32
Jhelum	—	—	11.9	—	22.7	
Rawalpindi	+ 5	+ 3	12.6	- 4.8	28.5	34
Khushab	+ 8	+ 5	6.1	- 2.0	14.8	15
Lyallpur	+ 3	+ 6	6.5	- 0.3	12.6	12
Montgomery	+ 1	+ 3	0.2	- 5.6	4.0	10
Multan	+ 7	0	0.7	- 3.4	4.1	7
Leiah						8
Khanpur	+ 2					6
Bahawalpur	+ 2	+ 6	1.0	- 2.8	2.3	6
Fort Abbas	—	—	2.3	—	5.3	8
Chakdara	—	—	2.3	—	17.1	
Peshawar	+ 4	+ 3	1.8	- 1.6	12.9	14
Haripur	—					
Campbellpur	—	—	4.8	—	20.2	
Bannu	—	—	2.3	—	9.4	11
D.I. Khan	0	+ 3	2.0	- 2.4	7.6	10
Sibi	—	—	1.1	—	6.2	3
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	
Jiwani	—	—	0	- 0.9	3.1	4
Pasni	+ 1	+ 1	0	- 0.8	6.2	6
Ormara	—	—	0	—	3.8	4
Las Bela	—	—	1.5	—	2.6	8
Karachi (Manora)	+ 3	0	0.6	- 4.7	1.1	8
Karachi (Air port)	—	—	0.9	—	1.4	9
Badin	—	—	1.6	- 4.0	1.6	
Nagarparker						
Umarkot	—	—	4.7	—	4.7	
Hyderabad	+ 1	- 3	0.7	- 4.4	2.5	7
Pad-i-dan	—	—	0.1	—	1.4	
Nawabshah	—	—	0.1	—	0.6	
Sukkur	—	—	0.1	—	2.9	4
Kashmore	—	—	—	—	—	
Jacobabad	+ 5	- 6	0	- 0.1	3.5	4
Veraval						20
Jalalabad						
Muscat	+ 9	+ 5	0	- 0.1	6.9	4
Kuwait						
HILL STATIONS						
Srinagar *						28
Gulmarg **						71
Sonamarg **						26
Dras **						3
Leh **						6
Skardu *						
Misgar **	—	—	—	—	—	5
Aliabad *						
Gilgit *						
Murree *	+ 7	+ 6	18.5	- 0.9	52.4	59
Drosh *	- 1	- 7	1.3	—	23.3	18
Cherat *	+ 3	+ 5	3.8	- 4.8	24.5	29
Kakul *	—	—	10.1	—	37.7	
Landi Kotal *	—	—	0.8	—	15.0	
Parachinar *	×	—	6.4	—	25.5	29
Miranshah *	—	—	2.5	- 1.1	14.8	13
Wana *	—	—	1.1		13.2	
Fort Sandeman *	0	- 8	2.4	- 1.8	12.9	11
Hindubagh *	—	—	0	—	12.3	
Loralai *	—	—	1.9	—	10.7	
Harnai *	—	—	2.0	- 3.8	14.3	14
Quetta *	—	—	0	- 1.0	9.5	9
Chaman *	- 4	- 5	0	- 0.1	10.2	8
Kalat *	- 4	- 6	0	- 1.1	8.4	7
Nushki *	—		0	—	8.0	
Dalbandin *	- 2	0	0	- 0.3	4.4	4
Panjgur *	- 2	+ 5	0	—	4.2	5
Kabul *	—	—	—	—	—	12
Kandahar *						

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 22nd AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$YQL_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Swarnmeru	43 126	563 00	0 23 30	97 02 0	065 79	00 9 00	6 46 20	..	0 04 73	..
Circassia	43 240	659 00	3 23 13	98 01 1	002 80	42 5 00	..	..	..	..
Sirrah	43 246	649 12	9 80 20	98 02 0	988 82	00 8 05	2 4 712	..	0 01 75	1 24 43
Basalgeuse	43 248	653 18	0 23 05	98 01 0	996 82	0xx xx	6 5 218	..	0 53 79	1 xxxx
Sirrah	43 246	666 18	4 26 04	98 13 1	032 82	42 5 00	0 0 232	..	0 00 78	1 24 43
Jalrajendra	43 241	660 18	2 25 09	98 02 1	984 82	..	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb (HHH TTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	994 278 272	..	..	370 202 132	..	031 092 025	293 505 572	726 598 642	420 685 722	951 828	285 062	..	..
Lahore ..														
Multan ..														
Peshawar ..	00 00	960 285 225	..	..	400 235 172	..	095 138 092	276 065 035	846 528 558	572 645 999	972 738	261 905	..	..
Quetta ..	00 00	825 160 060	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 238 178	800 168 108	350 735 768	250 855 999	173 135 999	..	..	..	..	173 135 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	906 262 202	800 205 158	350 680 999	250 808 999	183 956 999	..	..	..	..	183 955 999	..	..
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra	11 13	11 12	12 14	11 24	..	..		..	..
Chaklala	..	..	..	..	..	..	..	..	..
Chhor	23 12	28 07	33 07	..	..	..	..	..	..
Chittagong	14 19	15 19	13 36	15 41	15 38	13 39	.		..
Cox's Bazar	14 29	16 31	16 31	..	..	..			
Dacca	13 16	14 21	14 23	12 24	12 32	12 33	11 39	12 39	11 27
Dalbandin	..	..	32 02	35 06	36 06	11 02	29 22	24 12	25 14
D. I. Khan	..	..	..	..	..	..	..		
Drosh	..	..		23 03	19 04	14 04	..	..	..
Fort Sandeman	..			26 03	22 06	24 06	30 17	26 12	..
Jacobabad	20 01	17 01	15 02	15 03	36 04	36 10	35 14	28 07	24 10
Jessore	..	..	..	..	..	..	..	..	..
Jhelum	22 04	25 03	28 03	06 02	18 03	13 05	34 05	27 16	27 58
Jiwani	20 10	20 08	21 04	24 05	29 09	30 10	30 09	30 16	25 10
Karachi	26 12	19 03	09 06	05 15	01 16	36 17	01 19	..	..
Khanpur	36 13	36 12	02 11	04 11	06 19	04 15	..	..	..
Lahore	07 02	05 03	08 04	13 07	15 05	12 03	27 09	25 13	..
Multan	03 12	05 13	05 12	04 13	05 20	03 17	02 16		..
Muscat	..			..	..	..	..	..	..
Panjgur	..		..	..	..	..	..	..	..
Peshawar	..	..		..	..	..	..	..	..
Quetta	..	..		..	27 08	27 11	26 05	25 08	24 15
Sharjah				..	..	..	..	..	..
Sylhet	09 22	10 22	10 20	11 17	13 12	12 10	12 22	..	..
Veraval	..						..		..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra	13 18		..	..	..	..
Chaklala	..	06 01	26 02	10 02	12 02	24 02
Chhor	05 04	08 04	11 04	..		
Chittagong	14 18		..	..	..	..
Cox's Bazar	No	ascent	..	..	..	..
Dacca	12 17	.	..	..		..
Dalbandin	..	.	19 06	16 09	19 08	..
D. I. Khan			..	..		
Drosh		..		..	03 02	36 01
Fort Sandeman				16 03	29 06	31 08
Jacobabad	10 07	10 09	xx xx	05 07	36 08	35 30
Jessore				..		
Jhelum	05 03	26 03	25 10	27 11	33 09	04 04
Jiwani	09 09	07 11	12 07	09 14	11 08	19 12
Karachi	31 15	32 16	32 14	36 17	03 16	01 23
Khanpur	20 08	19 04	21 02	04 02	22 13	27 13
Lahore	14 04	20 03	20 03	01 02	08 06	14 07
Multan	11 08	13 04	11 03	04 06	02 10	02 13
Muscat	..		..	..		
Panjgur	..					
Peshawar	..	19 12	19 04	36 05	03 07	17 08
Quetta	..	..	..	..	24 10	27 11
Sharjah					..	..
Sylhet	20 15	19 09	19 07	14 07	11 03	..
Veraval	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra	12 21	13 27	13 10	..	..	..	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..	..	..
Chhor	..	..	..	..	..	..	..	..	..	..	..
Chittagong	15 19	17 25	17 33		..	..	..	..	..	..	..
Cox's Bazar	No	ascent	..	..	..		..	..	..	..	..
Dacca	15 24	16 24	..			..	..	..	..	..	..
Dalbandin	..	..	07 08	01 03	28 04	27 09	..	..	..	..	..
D. I. Khan	..	..	..	..	..	..					..
Drosh	..	..	..	..	23 05	20 07	22 12	21 10	17 06	17 10	..
Fort Sandeman	..	..	..	02 01	02 05	33 04	25 12	25 17	22 17	22 30	..
Jacobabad	05 04	07 07	06 09	05 09	06 10	01 13	01 08	29 06	29 06	..	..
Jessore							..	..	..	..	..
Jhelum	22 03	26 02	28 02	30 03	29 03	34 05	..	..	..	..	..
Jiwani	06 17	06 19	08 15	16 06	17 09	25 09	24 08	27 09	28 12	..	..
Karachi	26 02	36 16	03 14	05 08	04 17	04 24	..	..	..	..	..
Khanpur	24 03	18 02	13 03	06 04	05 13	05 17	14 01	..	..	..	..
Lahore	25 01	20 01	20 01	07 02	12 03	11 04	..	..	..	..	..
Multan	34 04	07 04	10 06	09 12	07 08	05 07	06 15	08 11	..	..	..
Muscat	..	..	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..		..	..	..	..	..	..
Peshawar	..	..	..	..	..	..	..	..	..	..	..
Quetta	..	..	..	..	32 05	30 07	23 07	19 17	22 23	23 19	25 25
Sharjah	..	..	..	..	..	..	..	..	..	..	..
Sylhet	08 03	12 04	15 09	15 10	15 09	..	..	..	..	..	..
Veraval	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 07	27 07	28 07	29 07	31 08	32 14	34 19	34 06	01 05	36 11	07 07	32 20						
Peshawar ..	—	20 06	31 03	03 04	19 05	22 07	25 13	25 21	22 13	21 32	23 41	21 32	23 41	24 48	25 63	25 48		
Quetta ..																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

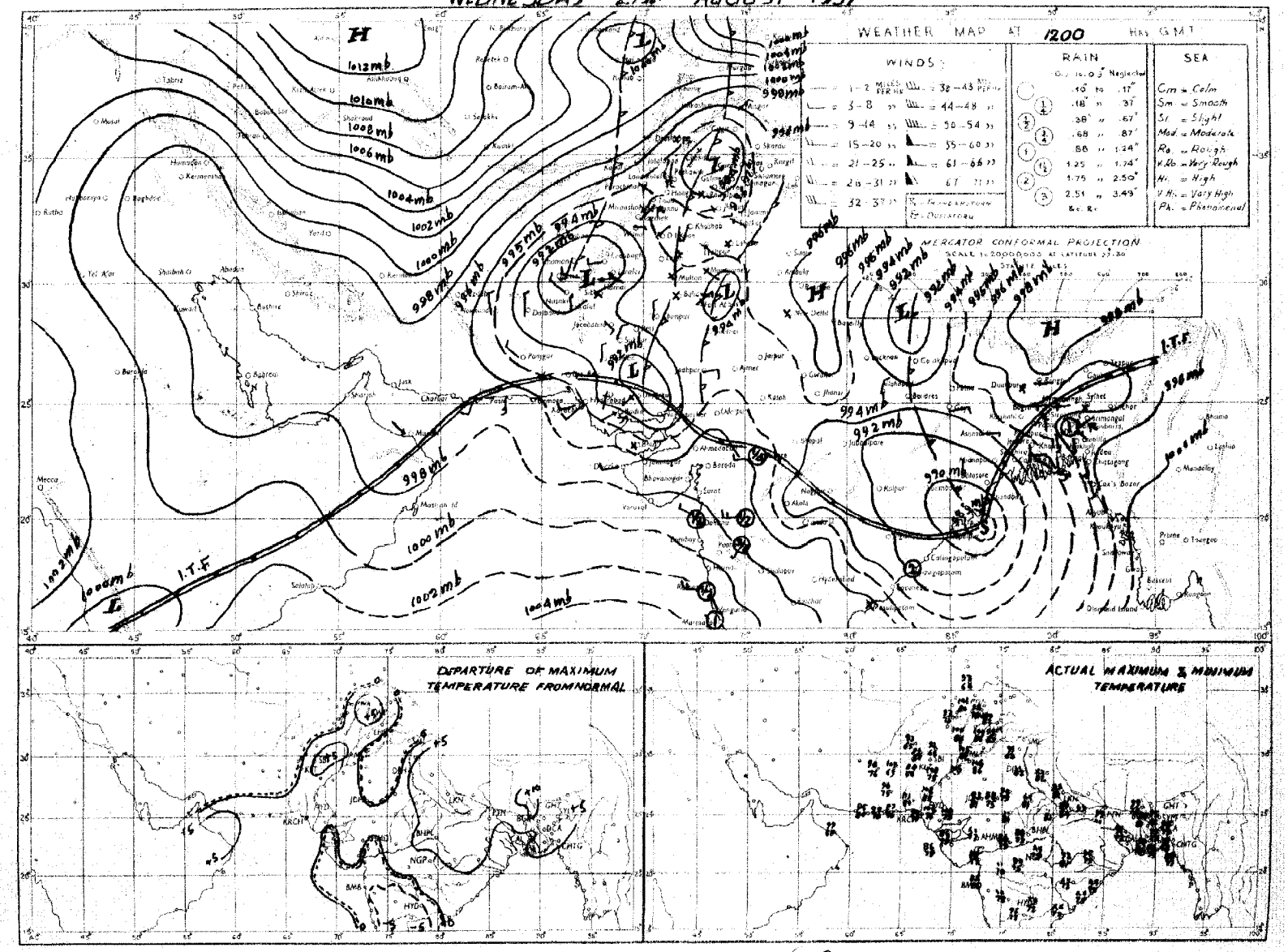
Cloud observation Data (GGiii $Cddv_rv_r$ etc)

06675 30510

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.

PAKISTAN DAILY WEATHER MAP

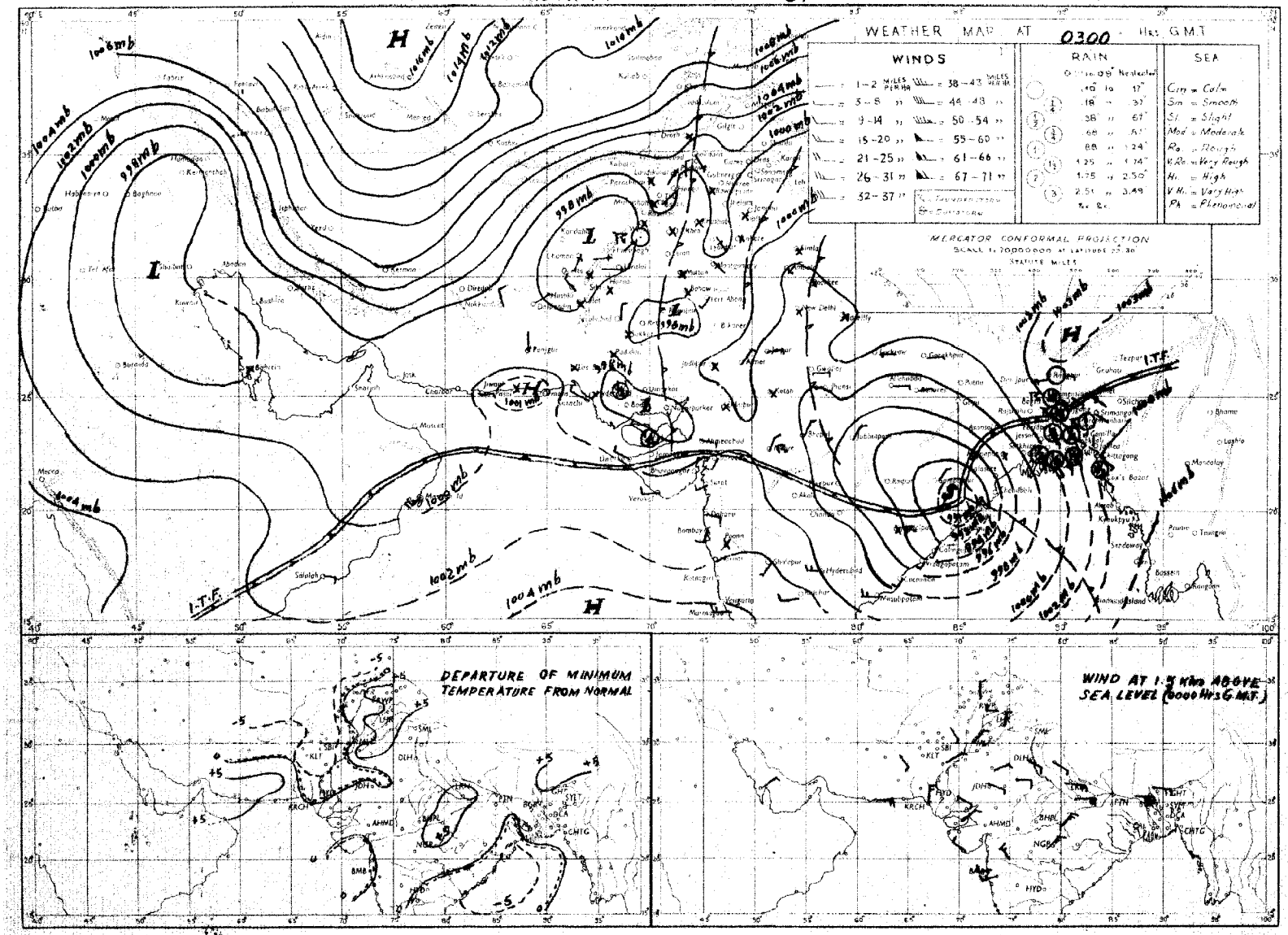
WEDNESDAY 21st AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 22nd AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 2467

FRIDAY, THE 23rd AUGUST, 1957.

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

Yesterday's cyclonic storm moved westnorthwestwards, weakened into a deep depression and lies at 23,0300 G.M.T. about 70 miles west of Bhopal. It is likely to move initially northwestwards, recurve in a northerly direction and weaken further.

The low over Hyderabad division has merged in the seasonal low.

The low pressure wave over East Kashmir moved away eastwards while a fresh one is now moving across Peshawar division.

Fairly widespread rain and scattered thundershowers have occurred in Chittagong and Dacca divisions and local in Rajshahi division. Local rain/thundershowers are also reported from Lahore, Bahawalpur, Peshawar and Hyderabad divisions and the Federal Capital Area and scattered from Rawalpindi, D. I. Khan, Quetta and Khairpur divisions.

Chief amounts of rainfall are:—Cox's Bazar and Maijdee Court 1" each; Khushab ¾"; Srimangal ½" and Chittagong, Comilla, Mymensingh, Narayanganj, Dacca, Jessore, Bahawalpur, Parachinar, D. I. Khan and Hyderabad ¼" each.

Day temperatures were 3-5°F above normal in Rawalpindi, Lahore, D. I. Khan, Multan and Hyderabad divisions and were 4-6°F below normal in north Kalat division.

Forecast valid until the evening of 24th:—Fairly widespread rain/thundershowers will occur in Multan, Rawalpindi and Lahore divisions and in Kashmir and be scattered elsewhere over West Pakistan outside Kalat division. Local rain will fall in East Pakistan.

Heavy rainfall warning:—Locally moderate to heavy rain will fall in Multan, Rawalpindi and Lahore divisions and in Kashmir during next 48 hours.

Karachi-11.
The 23rd August, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

Divisions	Station	At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature° TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F. TdTd	Maximum temperature °F. TxTx	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature°F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F. TdTd	Minimum temperature °F. TnTn	Maximum Temperature TxTx	Minimum Temperature TnTn	Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	095	9	8	18	03	94	63	6	063	79	8	4	6	×	×	78	××	118	1	8	13	05	95	60	9	056	79	8	7	6	×	×	78	76	×	−9	92.7	+4.6	103.6	140
	Chittagong	026	2	8	13	09	96	60	6	015	80	8	7	5	×	×	79	85	026	0	4	13	09	97	01	1	041	83	2	4	6	2	0	77	78	−1	−8	55.9	−4.4	63.3	108
	Maijdee Court	035	6	8	00	00	97	03	6	004	83	2	1	5	2	×	80	87	110	2	8	00	00	96	02	5	999	80	6	5	5	2	×	77	77	+2	−1	43.2	−19.8	51.5	115
	Comilla	020	2	8	00	00	97	02	6	013	82	8	4	5	×	×	78	89	020	9	7	18	05	98	50	6	042	85	7	9	5	0	0	78	78	+2	+2	32.5	−15.2	44.4	94
	Brahmanbaria	003	2	8	18	02	97	63	6	014	83	8	5	2	×	×	80	89	003	0	3	18	05	97	03	2	036	84	3	5	3	0	0	78	79	—	—	31.8	−4.7	49.5	78
	Sylhet	000	0	6	00	00	96	01	2	010	82	2	4	6	2	8	78	93	000	4	7	00	00	96	01	6	040	82	4	4	6	7	0	77	79	—	—	59.6	—	110.1	
	Srimangal	061	5	8	13	02	96	90	9	015	79	8	5	6	×	×	77	92	064	9	4	18	03	97	02	6	050	85	2	1	7	3	2	76	78	+2	+2	45.5	+2.4	72.0	98
Dacca	Mymensingh	021	5	8	13	05	98	02	6	007	88	8	7	3	×	×	80	91	021	0	6	13	02	98	02	2	038	85	6	4	4	0	0	79	80	+4	+2	41.8	−3.0	55.8	91
	Narayanganj	020	3	8	13	06	95	03	6	003	83	7	4	6	3	×	79	89	030	9	7	11	05	95	03	6	034	87	5	4	4	3	0	79	81	+1	+2	37.0	+1.9	53.2	74
	Dacca (Tezgaon)	007	7	7	16	C5	98	02	9	000	83	1	1	5	5	1	79	88	037	3	7	11	03	98	02	9	028	85	6	8	4	3	0	79	79	—	—	19.7	—	54.7	
	Faridpur	002	2	8	16	07	96	02	5	991	83	6	4	7	1	×	79	86	005	9	8	16	02	96	03	6	×××	××	5	5	7	1	×	81	78	−1	−1	34.3	−0.6	46.4	71
	Barisal	002	4	6	18	05	95	03	5	993	85	6	7	7	0	0	82	89	007	5	6	13	01	95	02	2	026	86	6	4	6	0	0	83	82	+2	+4	31.3	−11.5	48.5	81
Rajshahi	Khulna	000	0	8	00	00	97	02	2	992	85	8	5	7	×	×	79	91	000	0	8	00	00	97	01	2	029	86	8	5	7	×	×	81	81	+3	+2	31.5	−5.7	39.5	68
	Satkhira	000	0	8	13	03	96	03	2	985	85	8	8	6	×	×	79	90	000	0	6	00	00	97	03	1	024	86	4	5	7	9	0	81	80	+2	+2	26.1	−8.3	31.8	65
	Jessore	000	3	5	13	03	97	02	5	985	82	5	8	6	0	0	82	88	035	0	7	09	05	96	03	2	026	85	6	4	5	6	0	81	79	—	—	33.6	−0.6	36.9	65
	Siraiganj	000	0	5	13	04	96	02	0	987	85	5	4	4	0	1	79	94	010	0	8	09	02	96	02	2	019	84	8	4	5	×	×	80	80	+7	+1	46.6	+14.2	57.6	64
	Bogra	000	0	6	13	02	96	02	2	982	86	4	6	6	3	0	77	91	010	7	6	13	02	97	01	6	019	86	4	6	6	3	0	81	82	+3	+4	46.7	+11.4	154.1	69
	Dinajpur	000	2	4	00	00	96	02	2	997	88	4	0	9	2	0	80	93	000	1	6	00	00	96	02	2	037	86	6	0	9	2	0	77	76	+4	−2	37.2	−0.9	40.6	72
	Rangpur	000	0	4	09	02	96	03	1	×××	89	4	5	6	0	0	79	92	005	0	6	13	02	96	03	1	×××	85	6	4	6	0	0	81	82	+3	−7	37.3	−6.3	40.7	84
Kashmir	Jammu																																								..
Lahore	Lahore (Jail Rd.)	000	1	4	23	03	96	29	9	958	98	3	3	6	0	5	77	00	000	4	0	00	00	96	01	1	986	87	0	0	9	0	0	75	81	+3	+3	11.2	0	19.9	19
	Sialkot	000	4	7	31	09	96	07	9	961	97	7	7	5	0	0	79	00																		+6					22
Rawalpindi	Jhelum	000	4	8	00	00	97	02	9	965	90	4	5	7	2	×	72	99	000	0	1	36	02	97	02	0	989	85	1	0	9	3	0	73	77	—	—	11.9	—	22.7	..
	Rawalpindi	000	0	7	00	00	98	03	2	966	89	7	5	6	0	0	70	96	000	0	0	00	00	99	00	1	994	86	0	0	9	0	0	71	76	+3	+1	12.6	−5.0	28.5	36
	Khushab	073	3	7	27	03	99	03	9	968	82	7	0	9	7	0	72	01	073	0	3	02	03	98	03	1	991	85	3	0	9	3	0	73	82	+2	+1	6.8	−1.5	15.5	16
Multan	Lyallpur	000	0	7	02	03	96	03	3	980	85	7	3	8	0	0	73	02	000	0	0	05	02	96	00	5	985	88	0	0	9	0	0	73	81	+5	+2	6.5	−0.5	12.6	12
	Montgomery	000	0	4	00	00	97	03	1	957	00	4	3	7	0	0	77	02	000	0	0	13	02	97	00	0	981	87	0	0	9	0	0	72	80	+2	−1	0.2	−5.7	4.0	10
	Multan	000	1	8	17	07	96	02	1	983	83	3	4	6	3	×	76	02	000	0	0	05	02	96	C0	0	985	84	0	0	9	0	0	75	76	+4	−6	0.7	−3.4	4.1	7
Bahawalpur	Leiah																																								8
	Khanpur	000	6	1	13	05	96	01	3	988	84	1	4	8	0	0	77	03	000	0	0	09	05	96	00	0	010	83	0	0	9	0	0	76	××	0	×	0.2	−4.1	1.2	6
	Bahawalpur	025	5	7	00	00	96	02	6	974	90	7	0	9	0	4	79	92	000	0	6	00	00	97	03	0	988	83	6	0	8	1	0	77	77	−8	−3	1.3	−2.6	2.5	6
	Fort Abbas	010	5	5	05	02	97	03	6	956	98	5	1	6	0	0	85	02	013	0	3	05	03	97	02	1	977	93	3	1	6	0	0	77	80	—	—	2.5	—	5.4	8
Peshawar	Chakdara	000	0	1	00	××	98	01	2	923	98	1	2	7	0	0	67	00	000	0	3	×9	××	97	02	0	977	79	0	0	8	8	0	65	60	—	—	2.3	—	17.1	
	Peshawar	000	1	5	13	10	97	17	9	950	89	3	9	6	3	0	69	02	000	0	2	05	02	98	01	9	968	85	1	0	9	3	0	73	80	+5	+3	1.8	−1.6	12.9	14
	Haripur	000	9	5	27	02	96	05	2	949	98	5	0	6	1	0	69	00	000	9	3	23	02	97	03	1	990	83	3	0	9	8	0	71	78	—	—	4.7	—	18.8	..
	Campbellpur	000	0	7	23	09	98	03	1	959	95	5	0	8	5	1	69	95	000	0	4	09	02	98	01	1	990	84	4	0	8	2	0	71	80	—	—	4.8	—	20.2	..
D.I. Khan	Bannu	000	3	8	05	03	97	30	3	973	88	8	0	9	7	×	67	95	000	0	0	23	02	99	00	0	985	82	0	0	9	0	0	××	75	—	—	2.3	—	9.4	11
	D.I. Khan	022	6	6	00	00	97	03	6	992	82	6	6	8	0	0	67	04	022	2	5	00	00	97	01	1	978	82	0	0	9	5	0	76	75	+4	−6	2.3	−7.2	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	928	15	0	0	9	0	0	57	15	000	0	0	00	00	99	00	0	979	90	0	0	9	0	0	74	90	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	34	05	99	02	0	979	94	0	0	9	0	0	31	95	000	0	0	34	05	99	02	0	025	78	0	0	9	0	0	43	74	—	—	0	—	1.9	2
	Turbat	000	0	0	13	02	97	00	0	989	12	0	0	9	0	0	74	14	000	0	0	09	03	98	00	0	000	82	0	0	9	0	0	74	82	—	—	2.5	—	5.9	..
	Jiwani	000	0	1	18	09	97	01	0	960	92	1	0	9	3	0	62	02	000	0	0	00	00	97	00	0	995	83	0	0	9	0	0	72	79	—	—	0	—	3.1	4
	Pasni	000	0	0	25	12	96	00	0	969	91	0	0	9	0	0	77	93	000	0	0	13	02	94	41	0	009	79	0	0	9	0	0	78	75	+4	0	0	−0.9	6.2	6
	Ormara	000	0	0	××	××	98	00	0	968	88	0	0	9	0	0	81	88	000	0	0	00	00	98	00	0	011	82	0	0	9	0	0	79	78	—	—	0	−0.8	3.8	8
	Las Bela																																								8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	10	97	02	0	953	86	6	0	9	2	0	81	87	000	0	7	25	07	96	03	9	987	81	6	0	9	1	0	78	78	+2	0	0.6	−4.7	1.1	8
	Karachi (Air port)	000	0	6	23	07	96	01	2	950	90	6	0	9	5	0	77	97	000	9	8	23	05	96	03	9	984	84	8	0	9	1	×	76	80	—	—	0.9	—	1.4	..
	Badin	000	0	4	18	03	97	20	3	950	98	6	4	5	0	0	79	02	190	6	8	31	02	95	20	6	999	80	8	7	4	×	×	76	××	—	—	3.5	−2.1	3.5	9
	Nagarparkar	×××	×	×	××	××	93	60	2	×××	××	6	×	×	×	×	××	××	×××	×	4	09	05	96	20	3	×××	××	4	2	4	0	0	××	××	×	×	—	—	—	..
	Umarkot	000	0	6	13	01	97	02	0	924	01	×	6	7	0	0	74	02	000	0	0	36	01	97	00	0	952	84	0	0	9	0	0	75	79	—	—	4.7	—	4.7	
	Hyderabad	000	0	5	00	00	97	03	2	947	99	6	5	6	7	0	76	01	025	9	8	05	02	97	03	9	989	84	3	5	6	7	5	77	77	+6	−2	0.9	−4.2	2.8	7
Khairpur	Pad-i-dan	000	1	5	05	37	92	98	2	973	83	5	9	4	2	×	75	06	000	9	7	31	02	98	03	9	981	83	4	0	9	5	2	73	77	—	—	0.1	—	1.4	..
	Nawabshah	000	0	5	13	02	97	03	2	953	01	2	2	7	3	0	74	02																		—	—				..
	Sukkur	000	3	8	09	07	96	50	9	979	80	8	0	9	9	×	74	02	002	9	6	36	02	96	03	5	975	83	0	0	9	0	8	77	78	—	—	0.1	—	2.9	4
	Kashmore	008	3	8	09	04	95	50	3	993	78	8	2	3	0	2	77	××																		×					..
	Jacobabad	000	0	7	09	18	96	07	9	972	89	4	5	6	7	0	72	07	000	0	4	32	03	96	01	2	983	86	4	0	9	7	0	75	82	+4	+1	0	−2.1	3.5	4
Junagarh	Veraval																																								10
Afghanistan	Jalalabad																																								..
Arabia	Muscat	000	0	0	09	02	99	00	0	965	92	0	0	9	0	0	79	95	000	0	0	00	00	99	00	0	990	87	0	0	9	0	0	83	86	+5	+3	0	−0.1	6.9	4
	Kuwait																																								..
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								71
	Sonamarg **																																								28
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								..
	Misgar **																																								..
	Aliabad *																																								
	Gilgit *																																								5
Rawalpindi	Murree *	000	9	7	27	03	98	02	1	425	69	5	5	5	8	0	61	75	000	9	7	00	00	98	02	1	437	67	7	0	7	5	0	59	63	+5	+7	18.5	−9.2	52.4	59
Peshawar	Drosh *	006	2	8	05	09	95	95	9	438	73	8	9	5	×	×	55	89	014	9	5	00	00	96	03	9	455	70	5	0	9	5	0	53	64	−5	−7	1.4	—	23.5	18
	Cherat *	000	8	3	18	03	97	01	0	430	84	1	0	9	3	4	67	91	000	2	0	36	03	97	00	0	439	78	0	0	9	0	0	61	75	+5	+6	3.8	−4.9	24.5	29
	Kakul *	000	7	6	20	05	98	03	1	428	85	6	0	9	7	0	65	88	000	9	6	18	02	97	01	2	435	77	6	0	9	5	0	66	72	—	—	10.1	—	37.7	..
	Landi Kotal *	000	2	6	02	02	97	80	9	421	82	6	1	6	0	0	54	94	000	9	0	02	02	97	00	9	427	81	0	0	9	0	0	58	69	—	—	0.8	—	15.0	..
D.I. Khan	Parachinar *	000	0	0	13	02	99	80	0	795	83	0	0	9	0	0	61	××	030	0	0	00	00	99	00	0	794	71	0	0	9	0	0	50	××	—	—	6.7	—	25.8	29
	Miranshah *	000	0	4	00	00	99	02	0	445	83	0	0	9	0	4	79	93	000	0	0	00	00	99	00	0	473	82	0	0	9	0	0	75	73	—	—	2.5	−1.1	14.8	13
	Wana *	000	4	4	09	01	95	00	7	419	83	4	2	8	0	0	68	93	000	0	0	00	00	97	00	0	419	78	0	0	9	0	0	55	68	—	—	1.1	—	13.2	
Quetta	Fort Sandeman *	000	0	6	00	00	97	03	1	405	93	6	0	9	2	0	40	96	000	8	0	00	00	97	00	9	435	75	0	0	9	0	0	39	67	−1	−6	2.4	−1.9	12.9	11
	Hindubagh *	000	0	0	27	05	98	00	0	403	89	0	0	9	0	0	45	90	000	0	0	27	02	98	00	0	436	74	0	0	9	0	0	51	60	—	—	0	—	12.3	..
	Loralai *	000	0	7	13	02	98	02	1	456	90	7	0	9	3	0	41	92	000	0	0	31	02	98	00	0	439	71	0	0	9	0	0	47	64	—	—	1.9	—	10.7	
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	××	××	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	−3.9	14.3	14
	Quetta *	000	0	2	27	12	95	07	0	431	86	1	1	7	0	2	48	89	000	0	0	12	02	95	01	1	×××	××	0	0	9	0	8	46	54	—	—	0	−1.0	9.5	9
	Chaman *	000	0	0	23	03	98	00	0	448	89	0	0	9	0	0	63	90	000	0	0	11	03	97	00	0	462	81	0	0	9	0	0	59	66	−7	−4	0	−0.1	10.2	8
Kalat	Kalat *	000	0	0	34	07	98	00	0	427	80	0	0	9	0	0	37	84	000	0	0	00	00	××	00	0	455	67	0	0	9	0	0	29	51	−4	−5	0	−1.1	8.4	7
	Nushki *	000	0	0	36	01	96	00	0	479	96	0	0	9	0	0	54	96	000	0	0	36	05	97	00	0	485	78	0	0	9	0	0	43	71	—	—	0	—	8.8	..
	Dalbandin *	000	0	0	09	03	95	05	0	432	96	0	0	9	0	0	46	99	000	9	0	05	02	95	05	0	441	77	0	0	9	0	0	36	69	−6	0	0	−0.3	4.4	4
	Panjgur *	000	0	0	36	05	96	00	0	438	93	0	0	9	0	0	33	93	000	0	0	31	02	98	00	0	445	78	0	0	9	0	0	33	72	−5	+2	0	—	4.2	5
Afghanistan	Kabul *	000	0	2	36	02	98	03	2	480	73	2	1	9	0	0	55	86	000	0	0	32	02	99	00	0	505	67	0	0	9	0	0	53	56	—	—	—	—	—	12
	Kandahar *																																								..

†Given in Code.

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day (Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 23rd AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	1 $d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sierah	53 246	667 00	5 30 08	98 02 0	000 82	32 7 50	0 07 05	..	0 51 75	1 24 41
Star Betelgeuse	53 248	636 00	0 23 05	98 02 0	983 82	00 9 00	5 5 400	..	0 51 79	1 xxxx
Ancinea	53 208	594 00	2 20 13	98 02 0	990 75	..	..	..	..	..
Seahomaru	53 206	636 06	6 25 10	97 02 2	020 81	64 4 00	3 5 210	..	0 02 xx	..
America Trader	53 156	527 06	5 21 27	98 01 0	047 78	..	..	..	..	..
Jal Rajendra	53 227	639 06	5 23 09	98 01 2	000 81	24 6 50	..	..	..	..
BAY OF BENGAL										
Hisakamaru	53 132	941 00	4 22 17	97 01 1	050 82	44 4 00	7 4 431	..	0 01 79	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface (PPP TTT $T_dT_dT_d$)	1000 mb (HHH TTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	993 282 245	..	..	400 272 155	..	090 152 112	378 082 008	857 512 575	609 592 638	978 678	372 862	464 005	723 110
Lahore ..														
Multan ..														
Peshawar ..	00 00	958 238 222	..	..	420 225 135	..	062 115 078	343 042 508	333 565 595	508 625 918	955 342	251 935	..	695 120
Quetta ..	00 00	827 165 062	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels (PPP TTT $T_dT_dT_d$)									Max. Height Reached (PPP TTT TdTdTd)	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 372 205	853 372 162	800 235 118	547 042 002	522 512 522	465 525 565	460 545 585	390 602 645	377 625 672	050 230 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 262 202	800 172 122	350 705 999	250 835 999	150 040 999	..	..	..	..	150 040 999	..	..
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of 9C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ..	14 15	15 12	16 13	..	..	..	..	..	..	14 13	15 12	17 12	17 11	..	..
Chaklala ..	..	27 07	27 07	31 09	33 06	21 07	29 22	..	..	..	23 02	19 01	19 04	25 08	32 08
Chhor ..	10 02	10 07	10 08	..	..	..	..	..	..	35 21	36 17	36 07	28 02	36 05	36 20
Chittagong ..	20 21	18 29	..	..	..	..	..	..	..	15 19	16 16	18 15	19 15	18 15	19 15
Cox's Bazar ..	No	ascent	..	..	..	..	..	..	..	16 15	17 16	18 13	..	..	..
Dacca ..	16 11	18 16	19 23	19 17	19 13	18 17	27 04	04 08	..	16 09	16 10	16 11	17 13	17 15	..
Dalbandin ..	..	..	25 04	20 03	34 03	28 12	28 19	26 22	26 26	..	..	02 04	35 11	07 13	23 10
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	08 20	05 13	02 09	..	..	..	—	—	..	..	05 03	04 10
Fort Sandeman ..	..	..	..	34 01	33 03	34 07	36 22	..	..	..	..	..	22 02	31 06	33 05
Jacobabad ..	08 24	08 12	09 09	04 03	35 12	33 13	..	..	..	21 02	24 04	36 04	05 09	..	..
Jessore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	27 10	28 19	29 05	32 08	..	..	..	..	..	32 04	33 08	35 07	31 09	34 11	33 06
Jiwani ..	21 06	24 10	27 09	33 10	31 15	28 12	25 16	30 15	..	36 06	06 14	07 18	06 13	08 14	12 08
Karachi ..	14 08	09 08	07 10	05 20	04 26	02 25	01 15	..	..	33 03	32 11	35 22	03 17	..	..
Khanpur ..	32 12	35 17	36 15	08 10	09 11	..	..	..	..	32 06	14 05	10 03	01 11	36 13	01 11
Lahore ..	35 06	55 06	35 07	03 03	21 02	15 06	16 08	17 17	19 12	33 08	02 06	32 02	31 02	27 03	13 07
Multan ..	35 11	01 15	01 09	34 04	..	..	..	..	..	03 16	03 21	02 24	36 30	..	..
Muscat ..	..	.	..	..	..	..	..	..	..	..	.	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	27 10	26 13	24 12	22 23	19 23	..	..	..	..	23 01	11 02	34 03	34 03	11 04
Quetta ..	..	..	..	..	29 07	31 10	24 12	22 14	22 14	..	..	..	..	32 06	34 08
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	19 13	18 09	19 08	21 06	21 10	01 01	25 03	..	..	19 09	19 13	21 15	23 11	..	..
Veraval ..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	12 08	..	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	18 20	17 29	18 30	17 26	19 15	..	..	..	..	..	..
Cox's Bazar ..	17 23	17 17	17 19	18 17	..	..	..	..	..	..	..
Dacca ..	18 08	16 11	17 13	19 13	17 10	..	..	..	..	..	..
Dalbandin ..	..	..	09 05	02 05	35 10	27 05	30 11	27 11	25 17	25 09	23 10
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	..	..	..	..	..	..	..
Fort Sandeman ..	..	..	..	..	..	..	..	..	..	..	..
Jacobabad ..	35 06	04 07	20 07	02 09	02 13	01 12	03 04	19 13	21 13	21 14	16 12
Jessore ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	33 01	02 02	33 04	27 04	01 04	09 02	27 12	20 19	22 25	22 29	21 35
Jiwani ..	07 08	06 14	06 15	07 09	07 08	07 08	08 05	..	..	..	..
Karachi ..	29 05	34 05	34 15	33 14	01 13	04 14	..	..	..	..	..
Khanpur ..	05 11	03 06	03 06	05 12	03 12	03 17	..	..	..	..	..
Lahore ..	03 04	04 05	02 03	34 03	01 04	15 06	17 08	20 08	21 14	21 08	24 06
Multan ..	35 10	05 12	04 10	02 08	08 10	12 10	14 10	19 15	19 17	19 21	19 22
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	28 03	31 03	34 03	34 04	15 02	25 03	31 05	31 09	21 30	22 39
Quetta ..	..	..	..	..	32 05	31 11	19 12	21 13	21 18	22 16	22 18
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	14 08	14 07	15 07	18 07	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	34 08	35 09	10 10	35 17	35 19	36 20	03 17	17 14	15 12	10 07	10 14	10 07	30 17	16 17	14 30	08 15	08 37	6
Peshawar ..	—	29 04	29 04	29 03	04 03	09 01	21 10	22 13	18 23	22 31	23 45	24 52	23 52					
Quetta ..																		

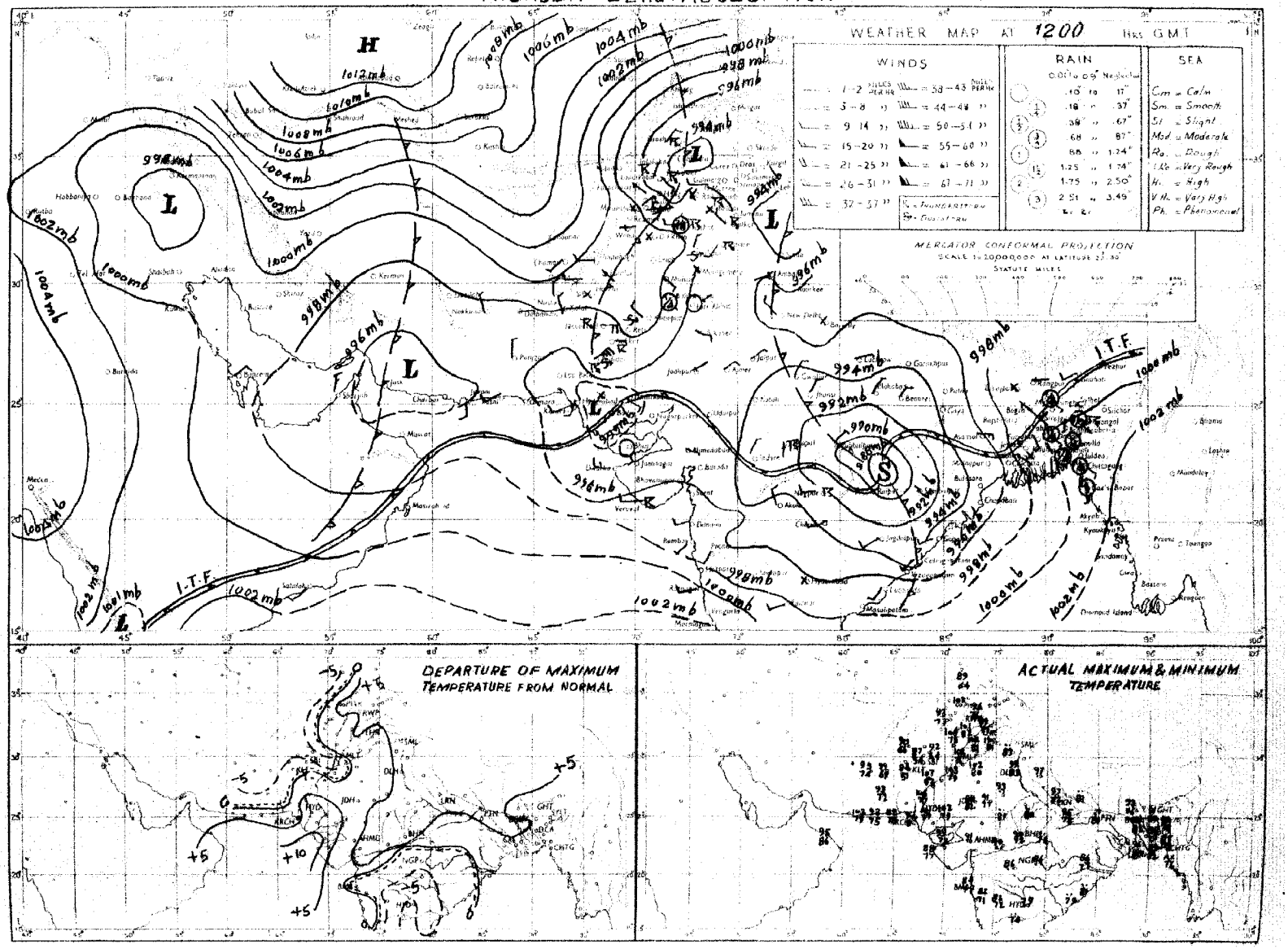
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_tv_t$ etc)

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.

PAKISTAN DAILY WEATHER MAP

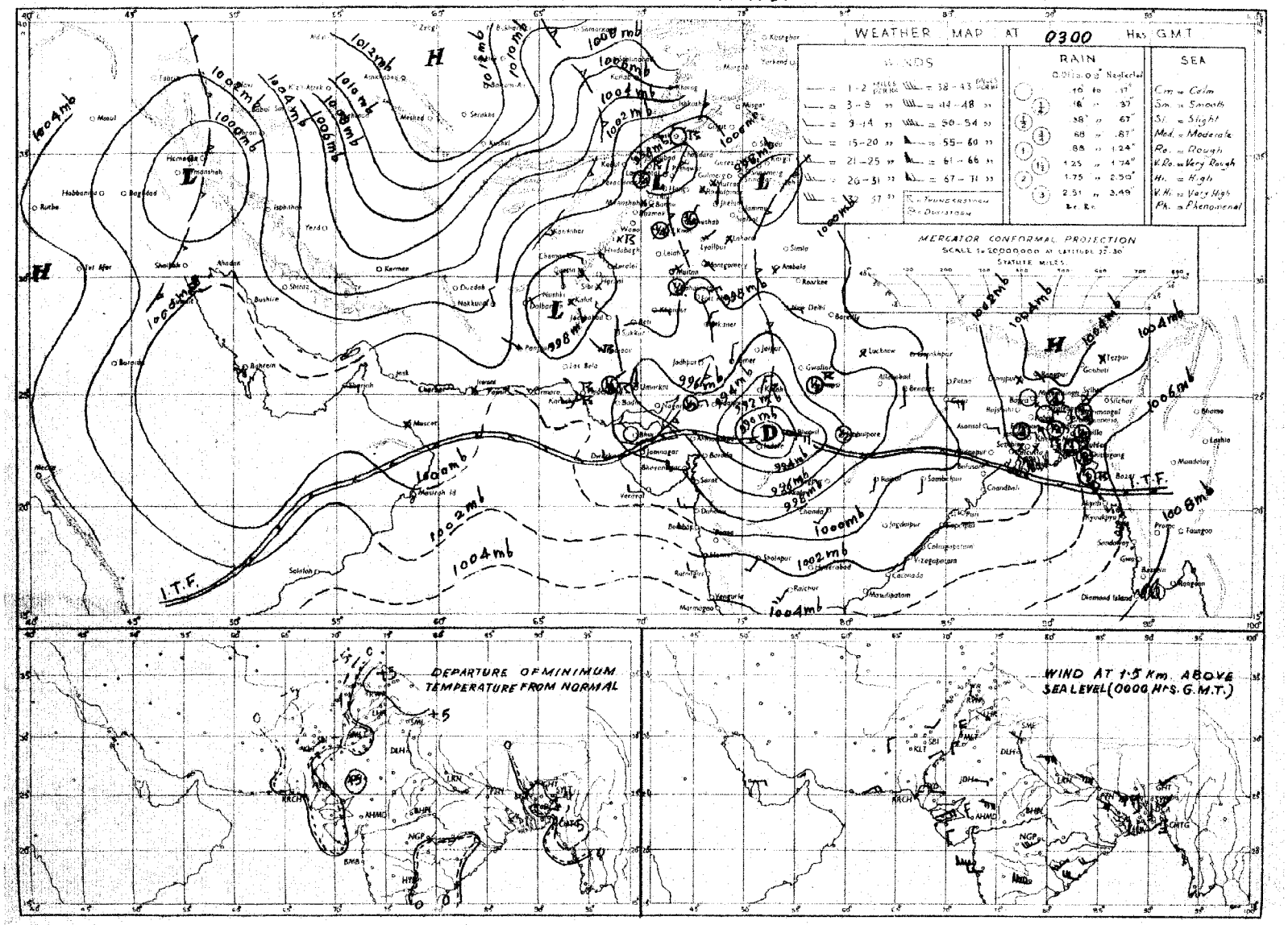
THURSDAY 22nd. AUGUST 1957.



Rainfall amounts indicated in the above chart are in point 9 mm.

PAKISTAN DAILY WEATHER MAP

FRIDAY 23rd AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SATURDAY, THE 24th AUGUST, 1957.

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

Yesterday's deep depression moved north-northwestwards and is centred at 24.0300 G.M.T. about 50 miles south of Ajmer. It is likely to continue move north-northwestwards and weaken.

The low pressure wave over Peshawar division moved away eastwards.

Rainfall has been fairly widespread in Chittagong and Dacca divisions and local in Rajshahi division. Scattered thundershowers are also reported from Chittagong division.

Chief amounts of rainfall are:—Srimangal 4"; Sirajganj 1¼"; Brahmanbaria 1"; Dacca ¾"; Comilla and Khulna ½" each and Maijdee Court, Sylhet and Narayanganj ¼" each.

Day temperatures were 3-6°F above normal in Rawalpindi, Lahore, D. I. Khan, Multan and Hyderabad divisions and were 4-6°F below normal in north Kalat division.

Forecast valid until the evening of 25th:—Rain/thundershowers will be fairly widespread in Multan, Rawalpindi and Lahore divisions and in East Pakistan and be scattered in Bahawalpur, Khairpur, and Peshawar divisions and in Kashmir.

Heavy rainfall warning:—Locally moderate to heavy rain will fall in Multan, Rawalpindi and Lahore divisions and in East Pakistan during next 48 hours.

Karachi-11.
The 24th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

DIVISIONS	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature° (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (Cl)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F. (TxTx)
Chittagong	Cox's Bazar	010	9	4	16	03	96	02	6	035	81	2	4	6	0	9	77	87
	Chittagong	006	1	7	18	09	96	61	6	xxx	80	5	5	2	0	7	78	87
	Maijdee Court	020	6	8	00	00	97	01	6	012	83	2	5	5	2	×	79	86
	Comilla	032	4	8	18	07	98	60	6	013	84	8	7	4	×	×	79	87
	Brahmanbaria	091	4	8	18	02	95	62	6	016	80	8	5	3	×	×	79	88
	Sylhet	031	4	7	00	00	95	21	9	014	81	5	5	6	8	0	80	90
	Srimangal	241	3	8	00	00	94	95	9	014	78	8	5	5	×	×	77	91
Dacca	Mymensingh	000	0	8	27	02	98	02	2	005	88	8	4	4	×	×	83	92
	Narayanganj	025	3	8	20	05	95	03	6	009	84	5	4	3	7	×	78	90
	Dacca (Tejgaon)	000	0	7	18	05	98	02	2	008	83	2	3	5	4	2	78	89
	Faridpur	010	0	3	16	05	96	01	6	005	83	1	4	7	8	3	77	88
	Barisal	029	4	6	00	00	95	03	5	010	82	6	0	9	6	0	78	87
Rajshahi	Khulna	064	0	6	00	00	97	03	6	005	84	8	5	6	×	×	81	87
	Satkhira	027	6	0	00	00	96	03	6	999	82	4	3	6	6	0	80	89
	Jessore	000	0	6	13	03	97	02	5	995	83	4	8	6	6	0	82	90
	Sirajganj	000	0	8	18	02	96	02	0	990	86	8	4	6	×	×	77	94
	Bogra	000	0	6	00	00	96	02	1	992	89	61	6	6	0	0	79	92
	Dinajpur	010	4	5	00	00	99	01	6	998	87	2	5	7	0	9	79	92
	Rangpur	000	0	4	16	02	96	03	0	xxx	87	2	5	6	2	0	81	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	2	6	31	02	96	02	0	951	98	1	1	7	0	4	74	00
	Sialkot	000	2	2	31	03	98	02	1	946	99	0	0	9	0	9	81	00
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	943	00	0	0	9	0	0	73	02
	Rawalpindi																	
	Khushab	000	0	2	02	02	98	01	1	949	99	0	0	9	0	4	68	01
Multan	Lyallpur	000	0	4	13	02	96	03	1	950	97	4	0	9	3	0	77	02
	Montgomery	000	0	3	00	00	97	62	1	943	01	3	1	7	0	0	77	03
	Multan	000	0	1	13	03	96	01	0	950	01	0	0	9	0	1	79	02
Bahawalpur	Lelah																	
	Khanpur	000	0	0	36	06	96	00	0	950	99	0	0	9	0	0	77	02
	Bahawalpur	000	0	6	00	00	97	02	0	950	98	6	0	8	2	0	82	01
	Fort Abbas	000	0	5	05	03	97	03	0	927	01	5	1	6	0	0	74	04
Peshawar	Chakdara	000	0	2	xx	xx	98	01	1	912	97	2	3	7	0	0	75	00
	Peshawar																	
	Haripur	000	9	5	27	02	97	03	2	941	97	0	0	9	0	9	71	99
	Campbellpur																	
D.I. Khan	Bannu	000	0	0	23	02	99	00	0	944	00	0	0	9	0	0	73	01
	D.I. Khan	000	0	0	00	00	98	00	0	950	99	0	0	9	0	0	72	00
Quetta	Sibi	000	0	0	00	00	98	00	0	932	09	0	0	9	0	0	70	11
Kalat	Nokkundi	000	0	0	34	02	98	02	0	969	96	0	0	9	0	0	38	99
	Turbat	000	0	0	31	02	97	00	0	992	13	0	0	9	0	0	74	12
	Jiwani	000	0	0	18	10	97	00	0	970	89	0	0	9	0	0	77	88
	Panjgur	000	0	2	23	17	96	02	0	983	93	2	0	9	8	0	81	93
	Ormara	000	0	0	xx	xx	98	00	0	982	90	0	0	9	0	0	82	91
	Las Bela	000	0	0	13	04	98	00	4	998	97	0	0	9	0	0	75	03
Karachi Peninsula & Hyderabad	Karachi (Manora)	000	0	6	25	12	97	01	2	968	87	4	0	9	1	1	83	89
	Karachi (Air port)	000	0	3	23	09	97	01	1	966	90	3	0	9	1	0	79	94
	Badin	000	0	6	31	02	97	20	3	960	95	0	6	9	0	0	77	97
	Nagarparker	xxx	×	8	00	00	96	20	3	xxx	xx	8	4	7	0	0	xx	xx
	Umarkot	000	0	8	31	03	97	02	0	913	98	0	0	9	2	×	74	09
	Hyderabad	000	0	5	00	00	97	01	9	941	99	2	5	6	0	5	73	01
Khairpur	Padidan	000	0	7	31	05	98	02	2	942	00	0	0	9	0	8	68	02
	Nawabshah																	
	Sukkur	000	8	6	00	00	96	03	2	940	98	0	0	9	0	8	74	00
	Kashmore	000	0	0	05	02	99	00	0	941	99	0	0	9	0	0	73	xx
	Jacobabad	000	0	5	00	00	97	03	1	943	02	5	0	9	1	0	79	03
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	36	02	99	00	0	975	92	0	0	9	0	0	75	95
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Minar **	000	0	0	00	00	98	00	0	030	65	0	0	9	0	0	40	69
Peshawar-Rawalpindi	Allahabad *																	
	Gilgit *																	
	Murree *	000	9	6	05	05	98	02	1	419	72	4	3	3	5	0	65	72
	Drosh *	000	0	8	23	07	96	03	1	396	90	5	2	7	0	0	44	98
	Chitral *	000	0	1	13	03	97	01	1	421	99	0	0	9	0	4	55	92
D.I. Khan	Kakul *	000	7	6	31	02	98	03	2	422	84	1	2	7	7	0	68	87
	Landi Kotal *	000	0	6	02	02	97	03	0	413	91	6	0	9	5	0	75	95
	Parachinar *	000	0	0	13	02	99	00	0	797	82	0	0	9	0	0	58	
	Miranshah *	000	0	6	05	02	98	02	0	468	92	4	0	8	4	2	88	95
Quetta	Wana *	000	0	2	11	02	98	02	0	410	89	2	2	8	0	0	52	93
	Fort Sandeman *	000	0	4	23	02	96	01	0	405	94	4	2	6	0	0	35	95
	Hindubagh *	000	0	0	27	05	98	00	0	402	98	0	0	9	0	0	37	91
	Loralai *	000	0	3	09	02	98	02	1	456	91	3	0	9	1	0	36	93
	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	2	31	03	96	01	0	400	80	2	0	7	7	0	54	88
Kalat	Chaman *	000	0	0	25	05	98	00	0	443	92	0	0	9	0	0	67	92
	Kalat *	000	0	8	34	09	98	00	0	419	78	0	0	9	0	0	40	84
	Nushki *	000	0	0	36	10	96	00	0	479	97	0	0	9	0	0	53	97
Afghanistan	Dalbandin *	000	3	5	13	02	96	03	1	429	97	5	0	9	4	0	48	99
	Panjgur *	000	0	0	31	05	98	00	0	437	93	0	0	9	0	0	29	94
	Kabul *	000	0	4	18	03	98	03	0	452	83	4	4	7	0	0	50	88

DIVISIONS	STATION	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F. (TdTd)	Minimum temperature °F. (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Departure from Normal of: Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1957 to date	Rainfall: Annual normal
Chittagong	Cox's Bazar	010	9	4	18	05	96	01	0	053	85	2	2	7	0	4	76	76	+ 2	0	92.8	+ 3.9	103.7	140
	Chittagong	006	0	3	18	05	97	01	1	053	85	1	1	7	1	0	74	77	+ 1	+ 1	55.9	- 4.4	63.4	198
	Maijdee Court	030	6	8	00	00	96	03	2	049	80	4	5	5	2	×	77	79	+ 1	+ 1	43.5	- 20.3	51.8	115
	Comilla	062	9	8	18	05	97	80	6	056	80	8	4	5	×	×	79	78	0	+ 2	33.2	- 15.1	45.0	94
	Brahmanbaria	127	0	6	18	03	97	03	2	05	81	6	5	3	0	0	78	78	—	—	33.0	- 3.7	50.8	78
	Sylhet	037	9	8	09	05	96	20	9	054	81	4	5	6	2	×	78	78	—	—	59.9	—	110.5	—
	Srimangal	352	9	8	13	02	97	02	9	056	80	8	4	6	×	×	77	77	+ 1	+ 1	49.0	+ 5.4	75.5	80
Dacca	Mymensingh	017	9	8	18	02	97	02	6	048	83	8	7	5	×	×	80	79	+ 5	+ 1	41.9	- 3.5	53.0	91
	Narayanganj	033	9	8	09	05	95	03	6	048	87	7	4	3	×	×	79	82	+ 2	- 5	37.4	+ 1.8	53.5	34
	Dacca (Tejgaon)	069	9	8	18	02	97	21	6	043	85	8	8	4	×	×	80	81	—	—	20.4	—	53.4	—
	Faridpur	010	9	8	18	02	96	03	2	039	87	6	5	6	1	×	81	83	+ 1	+ 4	34.4	- 0.9	46.5	71
	Barisal	046	9	6	00	00	95	03	6	047	83	6	0	9	6	0	80	80	0	+ 2	31.9	- 11.4	48.9	81
Rajshahi	Khulna	064	0	7	00	00	97	01	2	039	87	7	4	7	0	0	81	80	- 1	+ 2	32.1	- 5.6	40.1	88
	Satkhira																		+ 1					85
	Jessore	000	0	7	18	05	97	03	2	037	85	5	8	6	6	0	82	80	—	—	33.6	+ 0.3	36.9	65
	Sirajganj	146	6	8	00	00	96	50	6	039	81	8	7	4	×	×	xx	xx	+ 7	×	48.1	+ 15.3	57.0	44
	Bogra	015	5	6	00	00	96	60	6	038	81	6	6	6	0	0	78	81	+ 4	+ 3	46.8	+ 11.1	154.3	69
	Dinajpur	010	2	8	00	00	96	02	2	034	84	8	4	7	×	×	80	77	+ 3	0	37.3	- 6.8	40.7	72
	Rangpur	000	0	8	09	02	96	03	2	xxx	82	8	5	6	×	×	81	80	+ 2	+ 3	37.3	- 6.7	40.7	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	4	7	13	07	96	03	2	995	87	3	4	7	3	9	78	83	+ 3	+ 5	11.2	- 0.2	19.9	17
	Sialkot	000	3	6	05	03	97	02	2	999	88	6	4	6	0	0	80	82	+ 6	+ 4	11.3	- 6.7	34.5	33
Rawalpindi	Jhelum	000	3	8	36	02	97	02	2	000	85	2	5	7	1	×	76	80	—	—	11.9	—	22.7	—
	Rawalpindi	000	0	3	00	00	99	01	1	920	90	3	0	9	3	0	72	78		+ 3	12.6	- 5.0	28.5	36
	Khushab	000	0	7	09	03	98	03	1	995	87	7	0	9	7	0	75	81	+ 2	0	6.8	- 1.5	15.5	15
Multan	Lyallpur	000	0	6	13	07	96	03	2	989	88	0	0	9	2	0	77	85	+ 5	+ 6	6.5	- 0.6	12.6	12
	Montgomery	000	0	6	13	02	96	02	2	976	88	3	5	7	7	0	78	85	+ 3	+ 4	0.2	- 5.7	4.0	10
	Multan	000	0	8	13	02	96	02	1	976	88	2	1	7	1	1	68	80	+ 4	- 2	0.7	- 3.5	4.1	7
Bahawalpur	Lelah																							8
	Khanpur	000	0	0	05	05	96	00	0	961	91	0	0	9	0	0	80	83	- 1	+ 2	0.2	- 4.2	1.2	6
	Bahawalpur	000	0	8	00	00	96	03	0	962	88	8	0	9	2	×	83	81	+ 1	+ 3	1.3	- 2.0	2.5	6
	Fort Abbas	000	0	0	09	07	97	00	0	965	91	0	0	9	0	0	77	84	—	—	2.5	—	5.8	8
Peshawar	Chakdara	000	0	2	00	00	97	01	1	975	80	0	×	8	8	×	67	62	—	—	2.3	—	17.1	—
	Peshawar																							14
	Haripur	000	5	3	23	02	97	01	2	979	87	3	0	3	0	3	73	78	—	—	4.7	—	18.8	—
	Campbellpur	000	0	6	11	07	98	01	1	997	90	2	0	8	5	9	72	82		—	4.8	—	20.2	—
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	979	87	0	0	9	0	0	70	79	—	—	2.3	—	9.4	11
	D.I. Khan	000	2	6	00	00	97	03	1	973	85	6	6	8	0	0	76	80	0	- 1	2.3	- 2.2	7.8	10
Quetta	Sibi	000	0	4	00	00	99	03	1	968	86	0	0	9	3	0	71	86	—	—	1.1	—	6.2	3
Kalat	Nokkundi	000	0	0	34	02	99	02	0	026	80	0	0	9	0	0	27	76	—	—	0	—	1.9	2
	Turbat	000	0	0	13	02	98	00	0	999	81	0	0	9	0	0	76	84	—	—	2.5	—	5.9	4
	Jiwani	000	0	4	36	05	97	03	0	995	82	0	0	9	0	1	78	79	—	—	0	—	3.1	6
	Panjgur	000	0	2	29	03	96	00	0	002	79	2	0	9	0	8	78	77	+ 4	+ 2	0	- 0.9	6.3	4
	Ormara	000	0	×	xx	98	00	00	0	002	81	0	0	9	0	0	78	78	—	—	0	- 0.8	3.8	4
	Las Bela	000	0	0	00	00	98	00	0	986	84	0	0	9	0	0	78	78	—	—	1.5	—	2.6	6
Karachi Peninsula & Hyderabad	Karachi (Manora)	000	0	6	27	05	96	03	2	984	80	5	0	9	7	1	77	79	+ 4	+ 1	0.6	- 4.7	1.1	8
	Karachi (Air port)	000	0	7	25	09	96	03	1	984	83	5	4	5	2	0	77	81	—	—	0.9	—	1.4	9
	Badin	000	0	0	23	02	96	00	0	982	82	0	0	9	0	0	78	xx	—	—	3.5	- 2.1	3.5	
	Nagarparker																		—	—				
	Umarkot	000	0	8	13	01	97	50	0	970	82	0	0	9	0	0	79	80	—	—	4.7	—	4.7	
	Hyderabad	000	0	2	23	02	97	03	0	965	85	0	0	9	0	5	75	80	+ 6	+ 1	0.9	- 4.3	2.8	7
Khairpur	Padidan	000	0	4	18	02	98	02	1	972	88	4	0	9	4	0	77	82	—	—	0.1	—	1.4	
	Nawabshah	000	3	3	13	03	97	01	2	977	87	1	0	9	3	8	76	85	—	—	0.1	—	0.6	
	Sukkur	000	9	6	00	00	96	03	2	964	89	0	0	9	0	8	78	83	—	—	0.1	—	2.9	4
	Kashmore	000	0	7	05	03	99	02	0	965	90	7	5	5	0	0	70	xx	—	—	—	—	—	4
	Jacobabad	000	0	3	00	00	96	01	2	969	92	3	0	9	3	0	76	87	0	+ 6	0	- 1.1	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat	000	0	0	31	02	99	00	1	999	89	0	0	9	0	0	79	87	+ 5	+ 4	0	- 0.1	6.9	4
	Kuwait																							
	HILL STATIONS																							26
Kashmir	Srinagar **																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							
	Skardu *																		—	—				
	Minar **	000	0	0	00	00	98	00	0	040	69													3
Peshawar-Rawalpindi	Allahabad *																							59
	Gilgit *																							18
	Murree *	000	9	5	13	03	97	02	1	443	66	3	3	3	8	0	67	62	+ 2	+ 6	18.5	- 9.6	52.4	33
	Drosh *	000	9	5	00	00	96	03	1	445	75	5	6	9	0	0	51	69	+ 4	- 2	1.4	—	23.5	30
	Chitral *	000	3	2	18	03	94	01	1	438	xx	0	0	9	0	1	63	76	+ 6	+ 7	3.8	- 5.0	24.5	
D.I. Khan	Kakul *	000	9	6	00	00	97	03	1	443	78	1	2	7	3	1	67	72	—	—	10.1	—	37.7	7
	Landi Kotal *	000	0	5	00	00	97	03	0	405	83	5	0	9	5	0	61	73	—	—	0.8	—	15.0	
	Parachinar *	000	0	0	00	00	99	00	0	793	70	0	0	9	0	0	48	xx	—	—	6.7	—	25.8	29
	Miranshah *	000	0	6	00	00	98	00	0	464	83	0	0	8	4	2	79	77	—	—	2.5	- 1.1	14.5	13
Quetta	Wana *	000	0	0	00	00	98	00	0	438	77	0	0	9	0	0	58	69	—	—	1.1	—	13.3	
	Fort Sandeman *	000	0	6	00	00	96	01	0	437	68	4	0	9	2	9	61	70	2	- 3	2.4	- 1.9	12.9	11
	Hindubagh *	000	0	0	27	03	98	00	0	442	74	0	0	9	0	0	51	67	—	—	0	—	12.1	
	Loralai *	000	0	6	31	02	98	01	1	438	69	0	0	9	2	0	29	66	—	—	1.9	—	10.7	
	Harnai *	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	2.0	- 4.0	14.5	14
	Quetta *	000	0	6	00	00	98	01	1	440	65	0	0	9	0	0	44	55	—	—	0	- 1.0	9.5	9
Kalat	Chaman *	000	0	0	00	00	97	00	0	472	77	0	0	9	0	0	58	65	- 5	- 5	0	- 0.1	10.2	8
	Kalat *	000	0	0	00	00	98	00	0	459	64	0	0	9	0	0	34	52	- 4	- 4	0	- 1.1	9.4	7
	Nushki *	000	0	0	00	05	97	00	0	492	77	0	0	9	0	0	41	74	—	—	0	—	8.0	
Afghanistan	Dalbandin *	000	0	0	00	05	97	00	0	439	73	2	0	9	4	1	40	68	- 6	- 1	0	- 0.3	4.4	4
	Panjgur *	000	0	0	34	02	98	00	0	445	79	0	0	9	0	0	35	76	- 4	+ 6	0	—	4.2	5
	Kabul *	000	0	0	32	02	99	00	0	510	58	0	0	9	0	0	50	55	—	—	—	—	—	12

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day (Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 24th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_2L_2L_2$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_wT_w T_dT_d	$I_d w_a d_a P_a H_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Yahomaru	63 203	961 00	8 25 20	96 02 2	990 79	84 4 ××	7 52 10	..	0 51 77	..
American Trader	63 163	605 00	9 25 30	97 22 2	047 78	9×0 ××		..		
Borneo	63 224	601 00	8 19 19	98 02 9	994 79	00 9 03	4 4 400	..	0 53 75	1 19 ××
Aldermaru	63 240	660 12	7 27 07	98 02 1	969 84	67 7 10	5 3 602	..	0 00 84	1 27 21

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	995 278 262	505 002 518	..	400 270 130	..	114 162 085	412 072 535	899 002 558	659 582 665	984 688	275 852	468 990	723 080
Lahore ..														
Multan ..														
Peshawar ..	00 00	957 238 232	..	..	370 218 175	..	039 092 072	302 018 002	851 562 578	461 645 995	959 755	244 915	..	684 130
Quetta ..	00 00	826 155 062	Missa											

At Significant Levels

STATION	Time of ascent in G. M. T.	PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	930 245 245	900 252 155	852 270 130	800 235 118	350 652 745	250 765 783	..	..	..	250 765 785	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 298 205	800 190 140	761 172 128	424 642 512	350 692 995	321 ×78 498	250 828 999	180 885 999	150 045 999	150 045 999	..	..
Quetta ..	00 00	Missa											

PPP-Pressure in hundreds tens and units of millibars.
TTT (TdTdTd ; Dry Bulb ; Dew Point temperatures (in tenths of 9C.
So-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	.0
STATION	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
Sagra ..	17 11	17 12	..	..	..	..	..	..	..	No	ascent					10 03	09 06	10 02	..	..	..	..	..	..	..	..
Chittagong ..											09 10	13 15	12 11	14 18	08 03	..	..	..	..	..	..	..	..	..	..	..
Dacca ..	30 17	30 21	32 17	36 20	03 12	33 09	..	..	..	12 17	12 08											..	..	..	..	..
Chittagong ..	18 13	..	..	..	..	..	..	..	..	18 16	18 13	19 13	21 07	19 07	08 09	18 12	18 11	18 11	17 05	14 05	15 21	..	..	..	..	..
Cox's Bazar ..	19 15	20 17	21 17	22 17	23 15	..	..	..	..	17 14	17 19	18 07	..	..	..	19 19	18 16	18 12	16 10	..	..	..	..	..	..	..
Dacca ..	20 15	20 13	20 12	21 12	21 12	19 13	12 08	10 08	06 11	18 09	19 13	19 11	19 07	..	..	13 10	..	..	..	..	..	..	..	..	..	..
Dibrugarh ..	..	..	18 02	16 03	15 02	35 04	25 11	24 23	..	..	..	06 11	02 09	31 07	..	..	..	29 04	15 01	05 04	03 05	25 18	25 20	21 22	..	..
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	24 11	23 12	21 08	16 05	13 02	17 09	..	—			08 01	35 05	..	..	..	..	32 02	10 03	..	..	..	..	..
Fort Sandeman ..	..	..	..	19 03	01 01	04 02	26 08	23 15	21 18	..	..	..	03 02	32 08	35 10	..	..	..	01 04	04 06	01 05	27 04	15 15	21 17	21 19	25 22
Jacobabad ..	04 04	05 03	04 05	03 13	04 14	36 15	35 13	22 07	25 07	33 07	03 08	03 09	07 08	36 12	36 16	35 09	03 07	06 07	04 08	03 12	01 10	21 15	23 19	17 19	12 06	15 02
Jiwani ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kalat ..	27 02	33 02	05 01	03 05	01 06	01 02	21 13	19 13	20 24	19 01	12 11	13 11	13 07	11 05	06 04	14 08	14 12	15 10	13 07	07 05	..	..	..	..	..	..
Kohat ..	21 11	23 07	23 02	36 04	01 12	02 12	06 03	..	..	27 19	30 15	36 12	01 12	35 10	31 07	05 03	04 10	04 12	04 08	02 06	29 11	..	..	..	..	..
Karachi ..	26 17	27 15	30 08	03 11	02 10	36 15	01 26	36 18	34 11	27 19	26 12					27 07	30 07	36 08	04 08	03 11		..	..	..	..	..
Chatour ..	02 15	01 17	02 18	07 17	08 08	04 07	01 05	11 02	10 05	04 10	05 05	10 04	03 11	04 15	02 19	06 15	06 15	04 23	02 27	03 31	04 13	..	..	..	..	..
Lahore ..	02 07	03 07	06 06	05 07	02 05	25 03	13 08	17 09	20 10	15 18	16 26	15 14	10 09	06 07	06 08	12 05	12 10	12 17	11 14	10 15	12 17	13 23	14 27	..	..	..
Multan ..	03 09	05 11	06 13	07 10	05 07	05 07	25 05	19 07	22 08	11 13	13 24	13 17	08 11	05 11	04 14	09 07	09 11	05 11	03 13	05 17		..	..	..	..	..
Nowshera ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	33 08	29 08	18 06	10 08	13 06	..	11 02	18 03	19 09	17 03	11 05	08 05	20 17	35 21	35 13	27 18
Quetta ..	..	..	..	..	30 08	30 11	29 05	19 07	20 08	..	..		..	32 04	32 13	..	..	..	..	32 08	35 09	18 11	21 18	22 17	23 19	24 24
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sibbar ..	21 07	21 07	22 11	24 07	..	..	..	..	..	16 09	21 11	22 09	19 06	..	..	13 07	16 03	17 03	..	..	..	..	..	..	..	..
Varwah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Heights in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 12	30 08	29 11	29 15	01 14	02 13	36 15	36 12	30 08	02 04	15 13	13 08	10 19	10 09	12 19	12 27	10 29	10 4
Peshawar ..	—	29 05	29 04	15 05	13 07	08 07	33 04	08 10	14 17	21 39	23 47	27 40	22 57					
Quetta ..																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

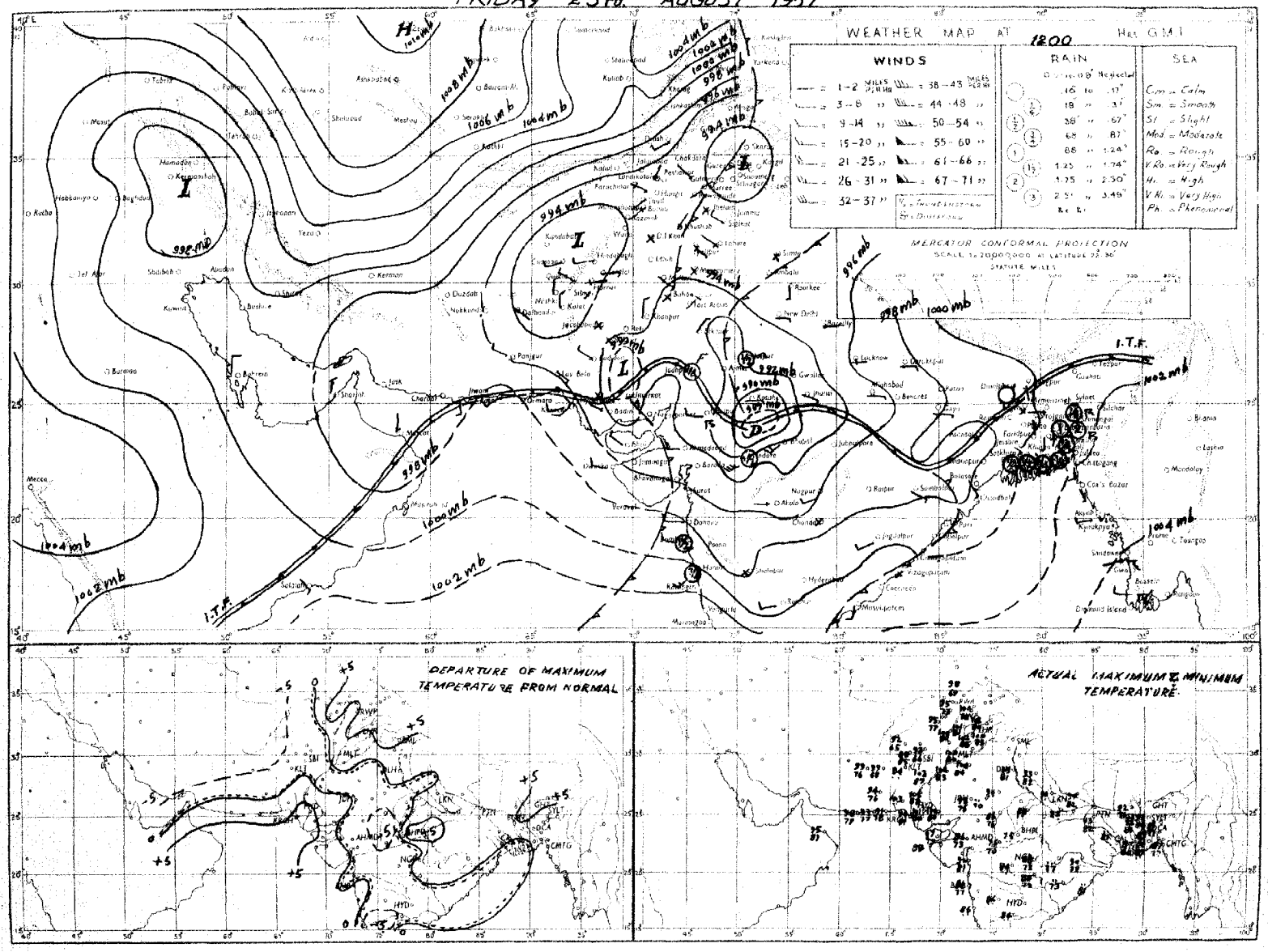
12712 32420

06712 02518
06675 32308

The accuracy o 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.

PAKISTAN DAILY WEATHER MAP

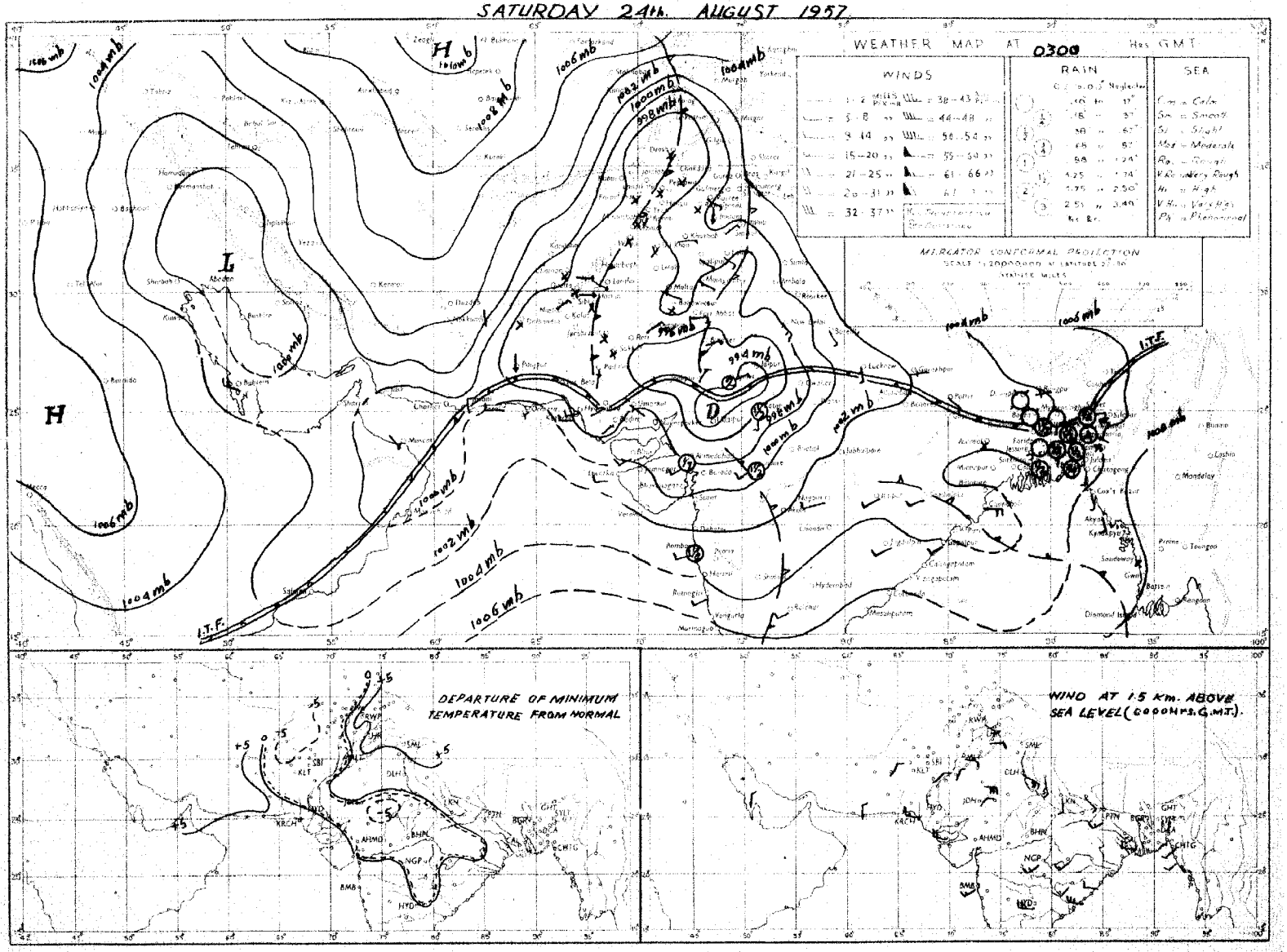
FRIDAY 23rd AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 24th. AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SUNDAY, THE 25th AUGUST, 1957.

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

Yesterday's deep depression moved north-northwestwards, weakend and is centred at 25,0300 G.M.T. as a shallow depression about 70 miles northeast of Bikaner. It is likely to move in a north-northeasterly direction and weaken further.

Rain/thundershowers have been fairly widespread in Lahore division, local in Rawalpindi, Multan and Peshawar divisions and scattered in Bahawalpur division Locally moderate to heavy rain is also reported from Lahore, Rawalpindi and Multan divisions.

Local rain has fallen in East Pakistan.

Chief amounts of rainfall are:—Montgomery 4"; Maijdee Court 2"; Lahore, Jhelum and Lyallpur 1½" each; Srimangal and Sialkot 1" each; Rangpur and Haripur ¾" each; Mymensingh, Satkhira, Bogra and Kakul ½" each and Comilla, Jessore, Murree and Drosh ¼" each.

Day temperatures were 4-6°F above normal in Khairpur and Hyderabad divisions and 4-6°F below normal in north Kalat division.

Forecast valid until the evening of 26th:—Rain/thundershowers will be fairly widespread in Lahore, Rawalpindi and Multan divisions, local in Peshawar division. and Kashmir and scattered in Bahawalpur division. Local rain will also fall in East Pakistan.

Heavy rainfall warning:—Locally moderate to heavy rain will continue to fall in Lahore, Rawalpindi and Multan divisions during next 24 hours.

Karachi-11,
The 25th August, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	8	6	20	05	96	03	2	039	83	4	4	6	0	6	79	86
	Chittagong	000	0	7	20	09	96	03	2	031	84	5	4	6	2	0	76	88
	Maijdee Court	170	6	4	00	00	97	02	[illegible]	021	83	1	2	6	2	×	78	85
	Comilla	003	5	5	18	03	98	01	6	022	86	3	1	7	6	0	79	87
	Brahmanbaria	000	0	4	23	02	97	02	0	024	85	4	5	3	0	0	76	89
	Sylhet	000	0	7	00	00	97	02	2	015	87	3	0	9	2	8	81	87
	Srimangal	000	0	5	18	02	96	02	2	017	86	5	4	6	0	0	79	90
Dacca	Mymensingh	[illegible]	4	8	00	00	97	02	6	027	84	8	4	5	×	×	80	87
	Narayanganj	009	9	8	18	03	94	03	6	027	85	4	4	8	0	8	77	88
	Dacca (Tezgaon)	[illegible]	6	7	20	02	97	02	9	016	84	2	2	5	0	3	78	88
	Faridpur	[illegible]	6	8	18	02	96	02	6	011	85	4	4	7	1	×	79	90
	Barisal	000	0	5	00	00	95	02	2	017	85	5	0	9	6	0	81	87
Rajshahi	Khulna	[illegible]	0	8	00	00	97	01	2	022	84	8	5	7	×	×	79	87
	Satkhira	[illegible]	0	6	00	00	96	03	2	016	82	4	5	6	9	0	79	87
	Jessore	032	6	6	18	03	97	02	6	014	85	4	8	6	6	0	81	89
	Sirajganj	080	0	8	13	02	96	00	9	010	85	6	0	9	4	1	81	88
	Bogra	005	3	6	00	00	95	03	6	013	86	6	7	5	0	0	81	87
	Dinajpur	000	0	8	00	00	96	02	2	022	85	8	4	7	×	×	79	88
	Rangpur	080	8	8	09	02	96	03	6	×××	85	8	5	6	×	×	79	87
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	057	2	8	13	05	96	95	9	991	80	5	3	6	2	×	79	96
	Sialkot	000	9	5	05	03	97	01	2	966	92	0	0	9	4	7	82	94
Rawalpindi	Jhelum	121	4	8	00	00	98	02	9	979	82	8	0	9	2	×	77	93
	Rawalpindi	000	0	6	00	00	98	03	2	963	89	6	5	6	0	0	77	93
	Khushab	000	0	8	31	03	98	50	2	979	82	8	5	6	×	×	73	97
Multan	Lyallpur	047	1	7	02	03	96	97	9	984	78	7	3	8	0	0	77	96
	Montgomery	013	2	7	00	00	96	29	9	959	83	7	3	7	0	0	80	01
	Multan	000	0	6	13	05	96	02	1	958	95	2	1	7	1	1	73	02
Bahawalpur	Leiah																	
	Khanpur	000	0	0	05	05	96	00	0	948	99	0	0	9	0	0	77	03
	Bahawalpur	000	0	7	00	00	96	20	9	975	80	7	4	8	0	0	80	97
	Fort Abbas	013	3	7	05	02	96	01	6	954	88	7	1	6	0	0	78	03
Peshawar	Chakdara	000	0	4	00	00	98	03	1	931	92	4	0	9	6	0	68	99
	Peshawar	000	0	6	00	00	97	02	2	942	98	2	3	6	6	0	64	02
	Haripur	000	9	7	13	02	97	03	2	957	92	7	0	9	9	0	68	96
	Campbellpur	000	0	7	03	05	98	03	1	969	97	7	0	8	5	0	70	98
D.I. Khan	Bannu	000	3	3	13	02	99	03	1	950	00	3	0	9	3	0	73	01
	D.I. Khan	000	6	4	00	00	98	03	0	963	96	4	0	9	4	0	72	00
Quetta	Sibi	000	6	3	00	00	99	03	1	929	12	3	0	9	3	0	59	14
Kalat	Nokkundi	000	0	0	34	02	98	02	0	982	97	0	0	9	0	0	41	00
	Turbat	000	0	0	23	02	97	00	0	992	11	0	0	9	0	0	80	11
	Jiwani	000	0	0	23	12	97	00	0	998	89	0	0	9	0	0	81	97
	Pasni	000	0	0	23	23	94	07	0	986	88	0	0	9	0	0	77	97
	Ormara	000	0	0	××	××	98	00	0	986	89	0	0	9	0	0	82	92
	Las Bela	000	0	0	00	00	98	00	0	973	01	0	0	9	0	0	76	10
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	02	97	03	2	965	88	5	0	9	7	1	84	89
	Karachi (Air port)	000	0	7	20	10	96	03	2	973	85	2	6	5	4	0	79	90
	Badin	000	0	8	23	02	97	20	3	987	88	8	8	8	×	×	77	90
	Nagarparker	×××	×	8	29	05	96	02	2	×××	××	8	7	7	×	×	××	××
	Umarkot	000	0	5	23	01	97	02	5	961	84	5	0	9	2	0	80	84
	Hyderabad	000	0	7	23	05	97	02	2	957	95	3	0	9	7	5	75	02
Khairpur	Pad-i-dan	000	0	8	36	02	97	03	2	952	03	1	9	6	7	×	69	07
	Nawabshah	000	9	8	13	05	97	03	2	964	01	4	9	7	2	×	76	05
	Sukkur	000	8	8	07	03	95	03	2	949	97	8	0	9	7	×	74	04
	Kashmore	000	0	6	36	09	95	03	0	956	××	6	2	6	0	2	77	××
	Jacobabad	000	0	6	09	07	97	03	1	944	06	3	6	7	3	0	65	07
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	3	00	00	97	02	1	995	91	0	0	9	0	2	78	91
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	5	05	07	96	03	2	031	60	5	7	7	0	0	40	73
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	7	31	03	97	02	1	427	68	7	9	3	0	0	65	70
Peshawar	Drosh *	000	7	3	00	00	96	01	2	408	94	2	5	7	4	0	52	96
	Cherat *	004	2	7	18	03	97	51	2	440	84	7	3	6	0	0	63	91
	Kakul *	002	4	7	36	02	97	02	9	438	80	2	4	7	8	0	67	85
	Landi Kotal *	010	3	4	00	00	97	03	9	408	84	4	0	9	5	0	59	92
	Parachinar *	000	0	0	13	02	99	00	0	795	81	0	0	9	0	0	61	××
D.I. Khan	Miranshah *	000	0	2	05	05	99	02	0	464	92	0	0	9	0	2	89	96
	Wana *	000	0	2	13	01	99	00	0	419	88	2	2	8	0	0	55	92
Quetta	Fort Sandeman *	000	0	4	23	02	96	01	0	405	94	4	2	6	0	0	48	96
	Hindubagh *	000	0	0	27	02	98	00	0	406	90	0	0	9	0	0	35	92
	Loralai *	000	0	4	05	02	98	02	1	455	92	4	0	9	4	0	35	94
	Harnai *	000	0	0	00	00	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	3	27	10	97	03	0	428	89	0	0	9	1	0	47	91
Kalat	Chaman *	000	0	0	20	03	98	00	0	448	91	0	0	9	0	0	69	93
	Kalat *	000	0	0	31	05	98	00	0	424	81	0	0	9	0	0	36	84
	Nushki *	000	0	0	36	09	96	00	0	491	98	0	0	9	0	0	55	98
	Dalbandin *	000	0	4	21	05	96	03	1	439	97	0	0	9	0	7	42	99
	Panjgur *	000	0	0	31	03	98	00	0	447	94	0	0	9	0	0	39	95
Afghanistan	Kabul *	000	0	6	18	05	97	03	1	472	85	6	4	7	0	0	64	90
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	9	5	16	05	96	02	6	061	85	2	4	6	0	1	76	77	+ 1	+ 1	92.8	+ 3.1	103.7	140
	Chittagong	008	9	4	13	09	97	01	6	053	84	1	1	7	1	2	75	77	+ 1	+ 1	56.0	+ 5.5	63.5	100
	Maijdee Court	190	9	8	00	00	96	01	6	057	82	2	1	6	2	×	79	77	0	- 1	45.4	- 19.2	53.7	115
	Comilla	036	9	3	18	03	98	01	6	055	85	2	2	7	6	0	77	78	0	+ 2	33.5	- 15.3	45.4	94
	Brahmanbaria	000	0	3	18	05	97	03	2	054	85	1	5	3	4	0	78	79	—	—	33.0	- 4.0	50.8	78
	Sylhet	007	6	8	18	02	97	03	6	056	83	6	4	5	2	×	70	79	—	—	60.0	—	110.6	
	Srimangal	090	8	5	18	02	97	02	6	057	84	3	1	7	3	0	77	78	0	+ 2	49.9	+ 5.7	76.4	98
Dacca	Mymensingh	065	9	4	11	02	98	02	6	055	84	4	7	4	0	0	80	79	0	+ 1	42.6	- 3.4	56.6	91
	Narayanganj	009	9	8	13	05	95	05	2	054	86	8	4	5	×	×	78	82	0	+ 3	37.5	+ 0.6	53.6	74
	Dacca (Tezgaon)	006	7	7	13	05	98	02	6	048	85	5	8	5	3	1	80	80	—	—	20.5	—	55.4	
	Faridpur	005	9	8	16	02	96	03	0	047	86	6	5	7	1	×	78	79	+ 3	0	34.5	- 1.1	46.6	71
	Barisal	010	5	1	18	01	96	01	6	041	87	1	0	8	5	0	81	80	0	+ 2	31.9	- 11.8	49.0	81
Rajshahi	Khulna	000	0	6	00	00	97	01	1	045	85	6	4	7	0	0	79	80	+ 1	+ 2	32.1	- 6.1	40.1	68
	Satkhira	052	0	7	00	00	97	03	2	040	88	5	5	7	0	0	80	78	- 1	0	27.1	- 8.1	42.9	65
	Jessore	032	0	7	09	05	97	03	2	042	85	5	8	6	0	0	79	79	—	—	33.9	+ 0.3	37.2	65
	Sirajganj	000	0	6	00	00	96	03	1	037	86	6	2	5	0	0	77	81	+ 1	+ 2	48.1	+ 14.9	59.0	44
	Bogra	053	4	4	13	02	98	01	6	043	87	2	1	6	3	0	80	80	- 1	+ 2	37.4	+ 11.1	54.8	49
	Dinajpur	000	2	6	00	00	96	02	2	055	85	0	0	9	2	0	79	76	- 1	- 2	37.3	- 7.3	40.7	73
	Rangpur	080	0	7	09	02	96	03	2	×××	87	6	5	6	2	0	80	78	- 2	+ 1	38.1	- 6.4	41.5	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	144	9	8	00	00	96	51	9	996	79	8	5	6	×	×	78	77	- 1	- 1	12.6	+ 5.4	21.3	19
	Sialkot	123	9	8	31	05	96	21	6	020	72	8	7	5	×	×	71	72	0	- 6	12.5	- 1.0	36.7	32
Rawalpindi	Jhelum	165	9	8	00	00	95	61	9	025	76	3	7	5	2	×	75	75	—	—	13.5	—	24.3	
	Rawalpindi	008	7	6	00	00	98	61	6	030	75	6	2	6	0	0	74	75	0	0	12.7	- 5.5	28.6	36
	Khushab																		- 2					18
Multan	Lyallpur	175	9	8	13	03	95	92	9	004	77	8	7	8	×	×	77	78	- 1	- 1	8.2	+ 1.8	14.3	13
	Montgomery	417	9	8	00	00	94	63	9	988	76	8	7	5	×	×	76	76	+ 1	- 5	4.4	- 1.6	8.2	10
	Multan	000	9	4	05	02	96	02	1	999	83	1	1	7	1	1	75	77	+ 4	- 5	0.7	- 3.5	4.1	7
Bahawalpur	Leiah																							8
	Khanpur	000	0	5	36	04	96	00	0	008	84	3	2	5	3	0	80	82	0	+ 1	0.2	- 4.2	1.2	6
	Bahawalpur	000	9	8	00	00	96	03	5	994	81	8	0	8	7	×	79	79	- 3	- 1	1.3	- 3.6	2.5	6
	Fort Abbas	013	0	8	23	02	96	02	5	×××	××	8	1	6	×	×	77	××	—	—	2.6	—	3.5	8
Peshawar	Chakdara	014	3	8	××	××	97	02	9	010	73	8	8	8	6	×	69	57	—	—	2.4	—	17.1	
	Peshawar	000	0	5	34	05	97	02	2	004	80	1	1	7	3	0	73	79	+ 5	+ 2	1.3	- 1.6	12.9	14
	Haripur	082	9	8	23	02	96	03	6	020	73	8	3	6	×	×	72	70	—	—	5.4	—	19.6	
	Campbellpur	000	0	8	05	02	96	03	1	012	80	8	5	6	×	×	70	79	—	—	4.8	—	20.2	
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	004	84	0	0	9	0	0	73	80	—	—	2.3	—	9.4	11
	D.I. Khan	000	3	2	05	02	97	01	1	995	85	0	0	9	0	2	76	79	0	- 2	2.3	- 2.3	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	000	91	0	0	9	0	0	75	91	—	—	1.1	—	6.2	3
Kalat	Nokkundi	000	0	0	34	02	99	02	0	016	86	0	0	9	0	0	74	75	—	—	0	—	1.9	2
	Turbat	000	0	0	23	02	98	00	0	998	××	0	0	9	0	0	75	83	—	—	1.5	—	5.9	4
	Jiwani	000	0	5	18	05	96	03	1	029	81	5	6	4	0	0	78	77	—	—	0	—	3.1	4
	Pasni	000	0	4	25	07	94	05	0	040	79	4	0	9	0	8	77	78	+ 8	+ 3	0	- 0.9	6.2	6
	Ormara	000	0	8	××	××	98	03	0	030	81	8	4	4	×	×	80	79	—	—	0	- 0.8	3.8	6
	Las Bela	000	0	0	09	02	98	00	0	995	85	0	0	9	0	0	74	81	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	27	05	96	01	2	018	79	3	0	9	1	8	75	78	+ 4	0	0.6	- 4.8	1.1	8
	Karachi (Air port)	000	0	7	23	07	96	03	2	022	82	5	6	5	4	0	76	80	—	—	0.9	—	1.4	9
	Badin	000	3	8	23	02	96	20	3	026	82	8	7	5	×	×	75	××	—	—	3.5	- 2.2	3.5	
	Nagarparker	×××	×	8	00	00	96	02	2	×××	××	8	4	7	×	×	××	××	—	—	—	—	—	
	Umarkot	000	0	0	23	03	97	00	0	000	80	0	0	9	0	0	78	79	—	—	4.7	—	4.7	
	Hyderabad	000	0	7	23	09	97	03	2	006	81	0	0	9	0	5	73	79	+ 7	0	0.9	- 4.3	2.8	7
Khairpur	Pad-i-dan	000	0	7	18	02	98	02	2	995	85	3	0	9	3	2	75	82	—	—	0.1	—	1.4	
	Nawabshah	000	0	6	18	05	97	02	2	997	82	6	0	9	7	0	××	81	—	—	0.1	—	0.6	4
	Sukkur	000	9	7	00	00	95	03	2	995	85	0	0	9	7	0	80	83	—	—	0.1	—	2.9	4
	Kashmore	000	0	6	02	01	99	02	u	002	86	0	6	9	0	0	79	××	—	—	—	—	—	
	Jacobabad	000	0	3	00	00	97	02	1	002	87	0	0	9	3	0	75	88	+ 4	+ 7	0	- 3.1	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat	000	0	8	00	00	99	02	2	022	89	0	0	8	2	×	81	88	+ 1	+ 5	0	- 0.1	6.9	4
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							
	Misgar **																		—					5
	Aliabad *																							
	Gilgit *																							
Rawalpindi	Murree *	027	2	8	23	03	97	03	1	447	61	8	9	3	×	×	53	59	0	+ 3	18.8	- 10.0	51.7	59
Peshawar	Drosh *	031	8	0	00	00	96	02	9	465	72	0	0	9	0	0	53	63	+ 2	- 8	1.7	—	23.8	18
	Cherat *	004	3	8	18	03	97	02	2	447	69	8	0	9	9	×	66	68	+ 5	- 1	3.9	- 5.1	24.6	29
	Kakul *	068	3	8	23	02	93	55	6	450	67	8	7	4	×	×	66	××	—	—	10.8	—	30.3	—
	Landi Kotal *	010	9	1	02	02	97	03	9	433	76	1	5	6	0	0	67	71	—	—	0.9	—	15.1	
	Parachinar *	000	0	0	00	00	99	00	0	793	70	0	0	9	0	0	51	××	—	—	6.7	—	27.8	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	472	77	0	0	9	0	0	74	75	—	—	2.5	- 1.1	14.8	13
	Wana *	000	0	0	00	00	99	00	0	438	73	0	0	9	0	0	58	66	—	—	1.1	—	13.5	
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	436	79	0	0	9	0	0	62	70	- 1	- 3	2.4	- 1.9	12.9	11
	Hindubagh *	000	0	0	00	00	98	00	0	443	74	0	0	9	0	0	51	63	—	—	0	—	12.3	
	Loralai *	000	0	4	27	02	98	02	1	432	68	0	0	9	0	3	31	63	—	—	1.9	—	10.7	
	Harnai *	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	- 4.1	14.3	14
	Quetta *	000	0	6	00	00	96	03	1	443	66	0	0	9	0	8	49	51	—	—	0	- 1.0	9.5	9
Kalat	Chaman *	000	1	0	11	02	96	00	0	460	80	0	0	9	0	0	60	67	- 4	- 3	0	- 0.1	10.2	9
	Kalat *	000	0	0	00	00	98	00	0	463	66	0	0	9	0	0	33	53	- 4	- 3	0	- 1.1	8.4	7
	Nushki *	000	0	0	05	05	97	00	0	514	80	0	0	9	0	0	37	75	—	—	0	—	8.0	
	Dalbandin *	000	0	0	00	00	96	02	0	437	72	0	0	9	0	0	38	65	- 6	- 4	0	- 0.3	4.4	4
	Panjgur *	000	0	0	05	03	98	00	0	453	80	0	0	9	0	0	40	77	- 3	+ 6	0	—	4.2	5
Afghanistan	Kabul *																		—	—	—		—	13
	Kandahar *																							

†Given in Code.
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day
(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 25th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hhC_mC_a$	D_sV_s a PP	8 N_s C_{hs} h_s	O T_sT_s T_dT_d	$I_dw_dw_dP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alderamain	73 233	642 06	6 42 16	98 02 2	012 81	62 4 00	5 3 112	..	0 00 73	1 26 33
Alderamain	73 217	636 12	6 25 14	98 02 2	010 81	68 5 00	5 3 665	..	0 01 73	1 25 33
Sethomera	73 123	737 18	7 26 15	97 02 2	095 81	74 4 00	3 5 230	..	0 52 ××	..
Alderamain	73 216	631 18	6 25 16	98 02 2	031 79	9× 0 ××	5 3 213	..	0 01 73	1 25 34

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Jacobabad ..														
Karachi ..	00 00	001 272 268	034 270 270	..	460 265 125	..	154 155 038	438 042 525	884 582 655	577 682 755	968 822	247 955	435 010	..
Lahore ..														
Multan ..														
Peshawar ..	00 00	960 275 245	..	..	400 212 198	..	064 092 085	323 002 302	773 562 565	503 630 999	966 735	253 905	..	701 145
Quetta ..	00 00	827 192 085	Missing											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Jacobabad ..													
Karachi ..	00 00	928 228 228	900 272 142	800 245 105	748 208 072	452 655 755	350 722 768	332 742 688	323 792 728	250 880 999	120 028 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 228 218	800 175 172	360 670 999	250 808 999	150 010 999	050 195 999	036 195 999	..	..	036 195 999	..	..
Quetta ..	00 00	Missing											

PPP-Pressure in hundreds tens and units of millibars.
TTT ($T_dT_dT_d$) Dry Bulb ; Dew Point temperatures (in tenths of °C.)
Sa-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in g_0 Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.3	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bagra ..	13 07	15 09	16 11	..	..	..	..	..	..
Chaklala ..									
Chitral ..	23 21	25 14	28 13	33 17	35 19	..	..	..	..
Chittagong ..	21 16	21 17	20 16	18 12	19 14	15 16	..	..	..
Cox's Bazar ..	09 07	20 12	21 10	18 13	19 12	..	..	..	..
Dacca ..	19 08	19 10	18 08	17 12	16 13	16 12	..	..	..
Dalbandin ..	..	..	22 08	26 09	27 11	22 06	21 17	23 23	23 29
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	30 01	27 04	26 06	22 07	21 08	19 13
Fort Sandeman ..			..	11 15	09 18	07 25	36 09	30 13	..
Jacobabad ..	14 17	19 12	20 09	27 08	32 08	35 08	..	..	..
Jiacobabad ..								..	..
Jiacobabad ..								..	..
Jiacobabad ..	31 05	02 03	07 04	03 10	04 11	21 02	14 07	..	..
Jiacobabad ..	22 09	30 09	32 07	34 10	32 09	32 18	29 22	29 20	26 25
Karachi ..	26 08	35 04	03 06	03 11	36 12	33 15	31 18	30 09	..
Khanpur ..	02 26	02 33	02 35	02 35	03 19	01 21	..	..	..
Lahore ..	08 06	10 15	10 17	12 20	12 21		..	..	..
Multan ..	06 16	04 19	04 16	04 15	03 17	02 17	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	17 05	10 05	12 07	13 08	03 04	..	..	..
Quetta ..	..	..	..	..	32 12	27 06	15 07	21 12	24 14
Sharjah ..									
Sylhet ..	33 03	31 02	23 04	17 06	16 06	13 07	30 04	10 02	10 04
Varanasi ..	..	..	..			..			

Height in g_0 Kms. a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bagra ..	12 09	12 11	13 11	14 10	14 08	..
Chaklala ..	..	07 02	09 10	09 11		
Chitral ..	23 19	24 17	25 12	25 09	29 08	
Chittagong ..	15 17	16 21	16 18	16 09	18 07	14 04
Cox's Bazar ..	16 16	16 15	17 10	..		
Dacca ..	14 12	15 13	15 10	12 08	10 07	08 05
Dalbandin ..	..	..	08 03	01 15	02 12	05 08
D. I. Khan ..	..		..	..		
Drosh ..		..		..	16 02	22 05
Fort Sandeman ..				26 02	28 04	33 10
Jacobabad ..	11 17	10 17	14 13	12 07	24 07	29 09
Jiacobabad ..			..	..	..	..
Jiacobabad ..				..	..	..
Jiacobabad ..	No	ascent				
Jiacobabad ..	25 19	29 20	33 17	35 15	..	..
Karachi ..	26 20	27 21				
Khanpur ..	32 06	25 04	24 02	33 13	35 21	36 28
Lahore ..	06 21	09 19	12 17	13 31		
Multan ..	09 6	10 16	07 22	07 31	..	..
Muscat ..	..		..	..	..	..
Panjgur ..	..		..	..	..	..
Peshawar ..	..	34 07	27 04	23 03	14 03	20 06
Quetta ..	..	..	..	..	05 01	30 11
Sharjah ..						
Sylhet ..	19 09	20 05	17 01	..	..	..
Varanasi ..						

Height in g_0 Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bagra ..	10 06	12 08	13 13	..	..		..	..	..	..	..
Chaklala ..	..	..	..		..	..	..	..	..	..	..
Chitral ..					..	..	..	..	..	..	..
Chittagong ..	16 14	16 14	16 13	16 21	..	..	..	..	..	..	..
Cox's Bazar ..	16 23	14 17	14 27	14 33			..	..	..	..	..
Dacca ..	13 10	14 12	14 13	13 15	13 17						
Dalbandin ..	..	..	29 01	34 06	33 08	33 08	03 10	04 12	35 06	25 21	..
D. I. Khan ..											
Drosh ..	..	..	..	..	22 02	12 03	35 17	02 10	02 09	01 13	23 27
Fort Sandeman ..				23 01	35 03	35 09	02 05	34 12	34 19	29 21	29 23
Jacobabad ..				35 10	36 08	21 05	26 04	..	..	..	..
Jiacobabad ..										..	..
Jiacobabad ..										..	..
Jiacobabad ..	No	ascent								..	..
Jiacobabad ..	22 06	33 07	34 07	29 07	28 11	30 11	30 11			..	..
Karachi ..	28 14	30 15	30 17	23 19						..	..
Khanpur ..	31 13	31 12	32 11	32 19	33 17	..	..	..	..	..	..
Lahore ..	No	ascent					..	..	..	..	..
Multan ..	35 19	36 24	01 17	36 24	35 29		..	..	..	..	..
Muscat ..	..	..		..	..	..	..	..	..	..	..
Panjgur ..	..	..		..			..	..	..	..	..
Peshawar ..	..	21 13	12 10	20 06	25 04	28 06					
Quetta ..	..	..		..	33 05	30 10	21 09	24 12	25 16	25 18	24 09
Sharjah ..											
Sylhet ..	18 03	16 04	12 04	10 04	..	..	..	..	..	..	..
Varanasi ..		..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g_0 Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 12	27 15	27 17	30 15	30 09	32 14	26 19	24 07	18 05	10 03	10 10	08 11	04 29	13 22	09 23	07 20	08 25	09 45
Peshawar ..																		
Quetta ..																		

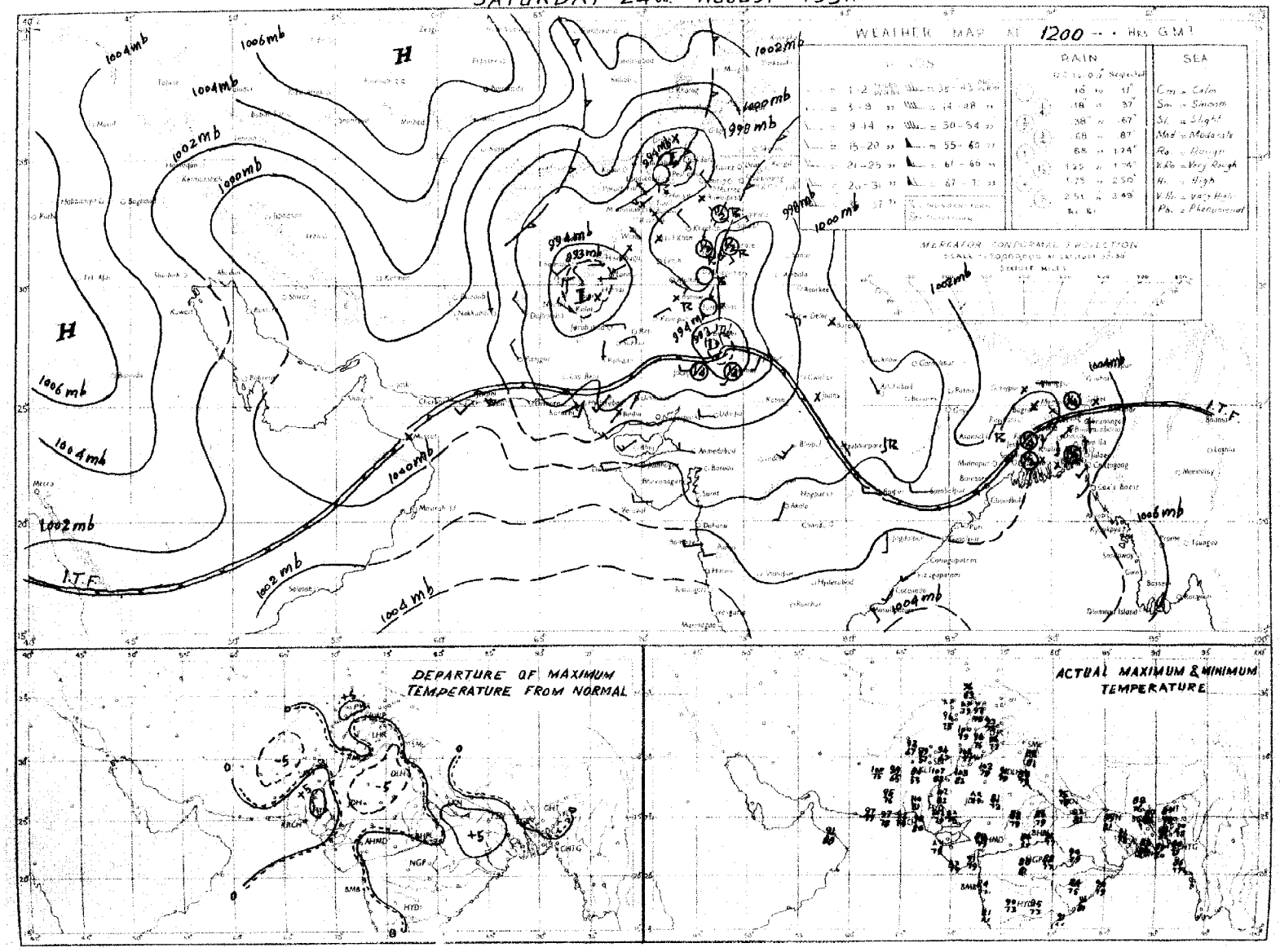
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $C_ddv_Tv_T$ etc)

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.

PAKISTAN DAILY WEATHER MAP

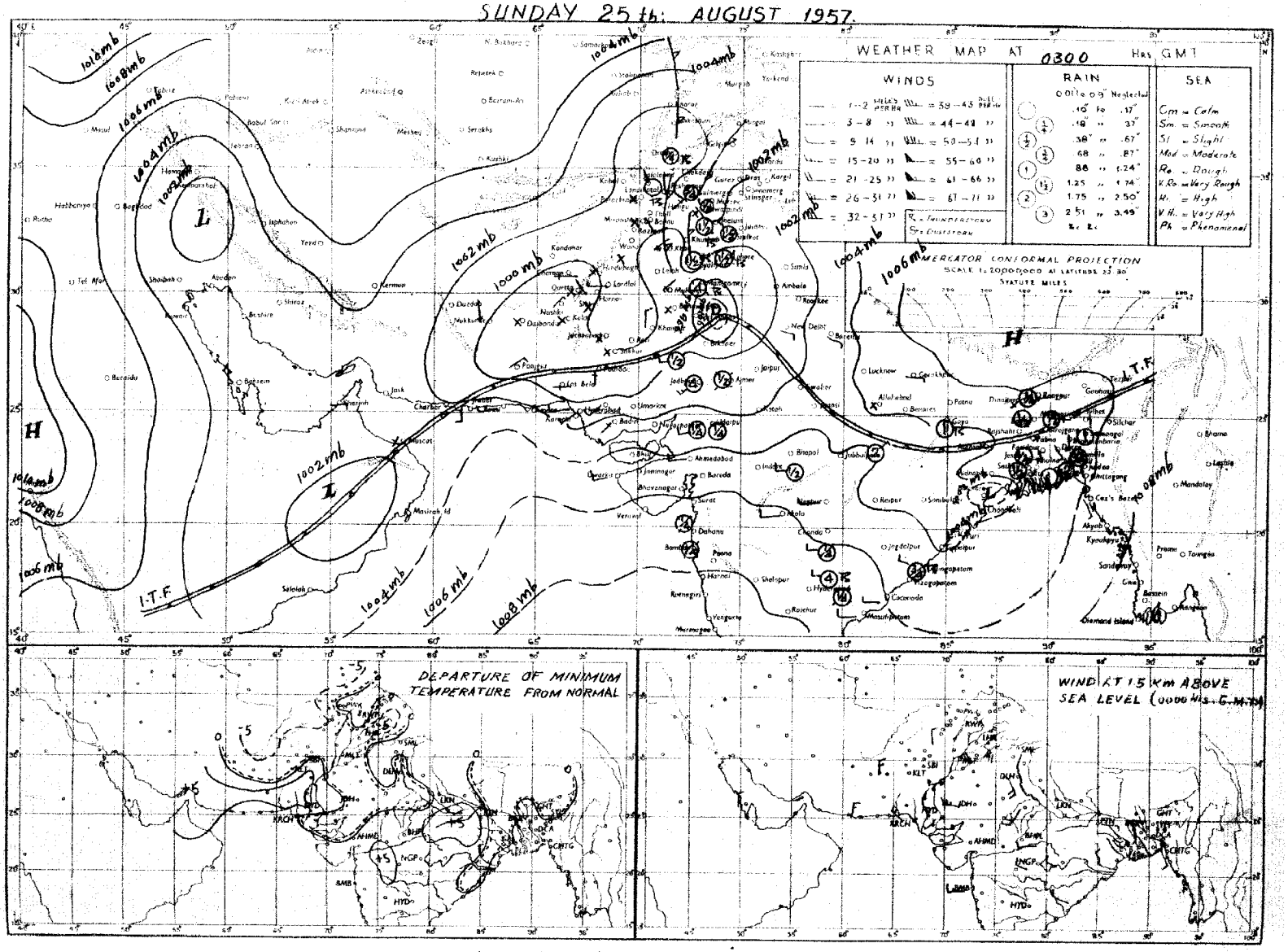
SATURDAY 24th AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 25th: AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1967

MONDAY, THE 26th AUGUST, 1957.

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

Yesterday's shallow depression weakened into a low last evening and has moved away into the East Punjab hills.

A low lies over Peshawar division and neighbourhood.

Rainfall has been widespread in Lahore division, fairly widespread in Rawalpindi division, local in Multan division and scattered in Peshawar division. Locally heavy rain has also been reported from Lahore, Rawalpindi and Multan divisions.

Fairly widespread rain has fallen in Chittagong and Dacca divisions and scattered in Rajshahi division.

Chief amounts of rainfall are:—Sialkot 9"; Hafizabad 5"; Lahore 4"; Jhelum 3"; Murree, Lyallpur and Montgomery 2" each; Sylhet and Kakul 1" each; Narayanganj, Dacca, Barisal, Bogra and Rawalpindi ½" each; and Cox's Bazar, Chittagong and Maijdee Court ½" each.

Day temperatures were 10-20°F below normal in Rawalpindi, Lahore and Multan divisions, and 3-5°F so in Peshawar, D. I. Khan and north Kalat divisions. They were 3-5°F above normal in Hyderabad division.

Forecast valid until the evening of 27th:—Local rain/thundershowers will occur in Lahore, Rawalpindi and Peshawar divisions, Kashmir and in East Pakistan.

Karachi-11.
The 26th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † W1 (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	002	7	5	16	05	95	60	6	036	85	4	5	6	1	0	73	88
	Chittagong	027	6	5	18	09	96	01	6	xxx	82	3	4	5	2	0	77	88
	Maijdee Court	000	9	4	13	05	97	03	0	020	85	2	1	6	2	0	78	85
	Comilla	000	0	3	18	03	98	03	0	012	85	3	4	6	0	0	77	90
	Brahmanbaria	000	0	4	18	03	97	03	2	017	86	2	5	5	0	9	79	90
	Sylhet	004	1	5	27	05	96	21	6	006	81	4	5	6	1	0	77	91
	Srimangal	004	5	3	00	00	97	03	6	018	82	3	2	6	0	1	80	90
Dacca	Mymensingh	000	0	6	00	00	98	02	1	015	89	2	2	4	0	8	78	91
	Narayanganj	000	9	7	18	07	95	03	1	012	87	2	4	5	0	8	77	91
	Dacca (Tezgaon)	000	9	5	16	03	97	01	1	008	86	2	2	5	0	1	79	89
	Faridpur	000	8	3	18	10	96	01	1	005	87	2	4	8	1	0	78	89
	Barisal	012	6	4	13	01	96	03	6	010	85	4	5	6	0	0	84	89
Rajshahi	Khulna	000	0	5	00	00	97	01	2	012	85	5	4	7	0	0	78	91
	Satkhira	000	0	6	00	00	97	03	1	007	86	4	5	7	9	0	80	92
	Jessore	000	0	6	13	05	97	02	2	009	88	4	8	6	6	0	83	91
	Sirajganj	000	0	4	18	02	96	02	0	999	87	2	0	9	9	1	79	89
	Bogra	040	7	4	16	02	96	02	6	014	79	4	4	6	0	0	79	91
	Dinajpur	009	4	4	00	00	96	01	6	015	86	4	0	9	0	9	80	92
	Rangpur	000	0	4	09	02	96	01	2	xxx	xx	3	2	5	6	0	79	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	154	9	8	00	00	96	61	6	963	79	8	5	5	x	x	78	80
	Sialkot	277	9	8	31	03	96	21	6	969	73	8	4	5	x	x	74	73
Rawalpindi	Jhelum	056	8	8	05	02	95	63	6	981	74	4	7	5	2	x	73	76
	Rawalpindi	028	7	6	00	00	91	02	6	972	80	6	5	6	0	0	71	82
	Khushab	000	0	4	11	12	99	01	1	965	84	4	2	6	0	0	74	89
Multan	Lyallpur	188	3	7	02	02	96	03	6	969	78	7	8	8	0	0	77	78
	Montgomery	200	8	8	13	03	98	03	6	962	80	8	7	5	x	x	78	80
	Multan	000	0	1	13	02	96	01	0	964	95	0	0	9	0	1	73	97
Bahawalpur	Leiah																	
	Khanpur	000	0	0	36	04	96	00	0	954	99	0	0	9	0	0	78	02
	Bahawalpur	000	0	2	00	00	97	02	0	976	92	0	0	9	0	2	85	95
	Fort Abbas	000	0	3	23	02	97	03	2	952	87	3	1	6	0	0	80	87
Peshawar	Chakdara	000	0	1	xx	xx	98	01	2	930	90	1	2	7	0	0	73	93
	Peshawar	000	0	1	05	05	98	01	1	943	94	1	1	7	0	0	69	96
	Haripur	003	9	8	27	02	96	21	6	992	74	8	3	6	x	x	73	85
	Campbellpur	000	0	5	05	09	98	03	1	972	87	1	3	6	6	0	69	87
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	943	96	0	0	9	0	0	75	96
	D.I. Khan	000	0	0	00	00	98	00	0	915	99	0	0	9	0	0	72	00
Quetta	Sibi	000	0	0	00	00	98	00	0	931	10	0	0	9	0	0	69	11
Kalat	Nokkundi	000	0	0	34	05	99	02	0	969	00	0	0	9	0	0	40	02
	Turbat	000	0	0	23	02	97	00	0	995	02	0	0	9	0	0	77	10
	Jiwani	000	0	7	23	12	97	03	2	997	86	2	6	4	0	2	80	90
	Pasni	000	0	4	23	21	94	07	0	012	85	4	0	9	8	0	76	90
	Ormara	000	0	5	xx	xx	98	02	1	016	86	5	2	6	0	0	82	87
	Las Bela	000	0	0	13	04	98	00	0	986	00	0	0	9	0	0	74	08
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	23	12	97	03	1	995	86	5	0	9	1	1	81	88
	Karachi (Air port)	000	0	6	25	09	96	03	2	997	84	2	5	6	0	2	78	91
	Badin	000	0	0	23	02	97	00	0	995	92	0	0	9	0	0	73	99
	Nagarparker	xxx	x	0	27	03	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	23	01	97	00	0	965	96	0	0	9	0	0	75	96
	Hyderabad	000	0	5	20	09	97	01	2	971	97	0	0	9	0	5	73	00
Khairpur	Pad-i-dan	000	0	7	18	05	98	02	2	988	02	7	0	9	3	0	70	05
	Nawabshah	000	0	4	09	05	97	02	2	969	03	4	0	9	4	0	74	06
	Sukkur	000	8	7	20	02	96	03	2	952	01	7	0	9	6	0	79	02
	Kashmore	000	0	4	18	01	98	02	0	941	xx	4	1	7	0	0	77	xx
	Jacobabad	000	0	7	18	05	97	01	0	949	99	1	0	9	1	0	80	03
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	4	09	02	99	01	2	007	92	0	0	9	0	1	76	95
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
Rawalpindi	Misgar **																	
	Aliabad *																	
	Gilgit *																	
	Murree *	036	7	8	25	21	95	03	6	412	60	8	9	3	x	x	57	62
Peshawar	Drosh *	000	0	0	23	09	96	00	0	369	92	0	0	9	0	0	49	97
	Cherat *	000	6	1	18	05	98	01	1	419	78	1	2	6	0	0	63	83
	Kakul *	014	2	8	31	03	95	60	6	401	67	8	8	6	x	x	65	75
	Landi Kotal *	000	0	1	03	03	97	01	0	402	85	1	5	6	0	0	70	89
D.I. Khan	Parachinar *	000	0	0	13	02	98	00	0	797	83	0	0	9	0	0	63	xx
	Miranshah *	000	0	0	05	02	99	00	0	465	90	0	0	9	0	0	87	91
	Wana *	000	0	0	13	01	98	00	0	400	86	0	0	9	0	0	62	90
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	395	97	0	0	9	0	0	39	98
	Hindubagh *	000	0	0	00	00	98	00	0	404	88	0	0	9	0	0	37	90
	Loralai *	000	0	5	13	05	98	02	1	468	90	5	0	9	2	0	44	95
	Harnai *	000	0	0	13	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	4	27	09	98	02	1	424	86	0	0	9	0	2	56	90
Kalat	Chaman *	000	0	0	29	03	98	00	0	444	92	0	0	9	0	0	71	94
	Kalat *	000	0	0	31	05	98	00	0	429	80	0	0	9	0	0	25	83
	Nushki *	000	0	0	31	10	94	00	0	493	00	0	0	9	0	0	25	00
	Dalbandin *	000	9	2	13	03	96	01	0	431	01	0	0	9	0	1	55	02
	Panjgur *	000	0	0	36	03	98	00	0	447	94	0	0	9	0	0	21	91
Afghanistan	Kabul *	000	0	3	00	00	99	03	1	450	85	3	1	9	0	0	38	90
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Chittagong	Cox's Bazar	020	9	5	16	07	96	02	6	055	84	5	5	6	4	0	77	77
	Chittagong	037	9	4	13	09	97	01	6	050	85	2	4	6	1	0	76	78
	Maijdee Court	025	6	8	11	02	97	01	6	045	84	2	5	5	2	x	78	77
	Comilla	000	1	8	13	03	97	50	5	050	82	8	4	5	x	x	78	78
	Brahmanbaria	000	0	6	18	07	97	03	0	051	84	6	4	3	0	0	77	79
	Sylhet	098	8	8	00	00	96	20	9	053	81	4	5	6	1	0	79	77
	Srimangal	013	8	7	18	02	97	02	9	055	85	7	8	7	0	0	76	77
Dacca	Mymensingh	000	2	6	13	02	98	02	5	048	84	6	2	4	0	0	78	81
	Narayanganj	060	9	8	13	03	95	03	6	046	84	8	7	4	x	x	80	79
	Dacca (Tezgaon)	039	4	8	13	02	97	03	5	040	81	4	6	4	2	x	79	78
	Faridpur	002	9	8	16	02	96	50	5	046	83	3	7	6	0	0	79	78
	Barisal	061	9	6	18	02	96	03	6	035	85	5	7	9	0	0	82	78
Rajshahi	Khulna	000	0	8	00	00	97	01	2	038	85	8	5	6	x	x	81	81
	Satkhira	000	0	6	00	00	97	03	2	030	85	4	5	7	9	0	81	80
	Jessore	012	0	8	18	05	97	63	2	034	83	8	4	5	x	x	82	80
	Sirajganj	000	0	8	13	04	96	01	2	029	85	6	2	5	0	0	79	82
	Bogra	047	0	4	09	02	97	01	1	031	84	4	4	6	0	0	80	81
	Dinajpur	016	2	4	00	00	96	02	2	037	88	0	0	9	2	0	80	77
	Rangpur	000	0	5	09	05	96	03	1	xxx	87	5	5	6	2	0	80	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	355	9	8	00	00	96	51	6	984	77	8	5	5	x	x	76	76
	Sialkot	9,2	9	8	00	00	97	02	2	958	77	8	5	6	x	x	75	76
Rawalpindi	Jhelum	304	4	6	09	02	98	01	6	972	76	6	6	5	2	4	72	72
	Rawalpindi	053	9	5	00	00	99	01	6	981	75	5	0	9	3	0	71	69
	Khushab	000	0	0	11	03	98	00	0	978	85	0	0	9	0	0	73	79
Multan	Lyallpur	188	9	2	25	02	96	01	6	980	78	0	0	9	0	3	76	75
	Montgomery	200	9	0	00	00	98	00	0	979	79	0	0	9	0	0	76	75
	Multan	000	0	0	13	02	96	00	0	984	85	0	0	9	0	0	78	78
Bahawalpur	Leiah																	
	Khanpur	000	0	0	21	05	96	00	0	993	82	0	0	9	0	0	75	81
	Bahawalpur	000	0	0	00	00	97	00	0	980	86	0	0	9	0	0	81	81
	Fort Abbas	000	0	1	23	09	97	00	0	985	85	0	0	9	0	0	79	77
Peshawar	Chakdara	000	0	3	xx	xx	97	02	0	955	76	0	x	8	7	x	70	59
	Peshawar	000	0	1	31	02	98	02	0	960	80	1	0	9	3	0	71	74
	Haripur	003	9	1	27	02	97	02	5	951	79	1	0	9	0	4	69	70
	Campbellpur	000	0	0	13	02	99	00	0	974	78	0	0	9	0	0	67	74
D.I. Khan	Bannu	000	1	6	18	02	99	03	2	968	83	6	0	9	4	0	75	82
	D.I. Khan	000	2	2	00	00	97	01	1	966	81	0	0	9	0	2	75	78
Quetta	Sibi	000	0	0	23	01	99	00	0	975	89	0	0	9	0	0	75	89
Kalat	Nokkundi	000	0	0	34	02	99	02	0	025	83	0	0	9	0	0	44	75
	Turbat	000	0	0	00	00	98	00	0	003	xx	0	0	9	0	0	76	83
	Jiwani	000	0	7	20	03	96	02	1	019	81	7	6	4	0	0	80	77
	Pasni	000	0	3	27	09	94	05	0	024	77	3	5	7	0	0	75	74
	Ormara	000	0	7	xx	xx	98	02	1	024	80	7	4	5	0	0	78	77
	Las Bela	000	0	0	09	02	98	00	0	997	83	0	0	9	0	0	78	78
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	27	09	96	01	2	016	81	5	0	9	5	0	77	79
	Karachi (Air port)	000	0	7	25	09	96	02	2	019	81	7	5	5	0	0	75	80
	Badin	010	3	5	23	02	96	20	8	022	82	0	7	9	0	0	72	xx
	Nagarparker	xxx	x	6	29	02	97	10	3	003	xx	6	6	7	0	0	xx	xx
	Umarkot	000	0	0	23	03	97	00	0	983	82	0	0	9	0	0	72	71
	Hyderabad	000	0	2	18	12	96	07	1	997	82	2	5	6	0	0	70	82
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	969	82	0	0	9	0	0	68	76
	Nawabshah	000	6	0	18	07	97	00	1	978	83	0	0	9	0	0	69	79
	Sukkur	000	9	0	11	03	96	00	0	972	80	0	0	9	0	0	73	77
	Kashmore	000	0	0	05	03	99	00	0	982	88	0	0	9	0	0	78	xx
	Jacobabad	000	0	0	13	05	97	02	0	969	83	0	0	9	0	0	75	81
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	00	00	99	00	0	017	87	0	0	9	0	0	65	86
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
Rawalpindi	Misgar **	000	0	5	00	00	96	02	2	020	53	5	4	9	0	0	38	49
	Aliabad *																	
	Gilgit *																	
	Murree *	242	9	1	09	03	98	01	6	402	64	1	0	7	8	0	53	55
Peshawar	Drosh *	000	0	0	00	00	96	02	0	398	77	0	0	9	0	0	55	69
	Cherat *	000	0	0	18	03	98	00	0	407	69	0	0	9	0	0	60	65
	Kakul *	103	9	1	31	02	99	01	6	406	67	0	0	9	0	1	63	62
	Landi Kotal *	000	0	0	00	00	97	00	0	392	78	0	0	9	0	0	63	67
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	794	70	0	0	9	0	0	49	xx
	Miranshah *	000	0	0	00	00	99	00	0	452	80	0	0	9	0	0	76	73
	Wana *	000	0	0	00	00	97	00	0	400	75	0	0	9	0	0	66	66
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	415	77	0	0	9	0	0	41	65
	Hindubagh *	000	0	0	37	05	98	00	0	422	75	0	0	9	0	0	45	65
	Loralai *	000	0	0	31	02	98	00	0	445	72	0	0	9	0	0	28	61
	Harnai *	000	0	0	31	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	95	00	0	423	69	0	0	9	0	0	48	55
Kalat	Chaman *	000	0	0	20	09	97	00	0	448	74	0	0	9	0	0	58	66
	Kalat *	000	0	0	00	00	99	00	0	441	70	0	0	9	0	0	28	49
	Nushki *	000	0	0	36	05	97	00	0	511	76	0	0	9	0	0	47	74
	Dalbandin *	000	9	0	23	07	96	02	0	427	73	0	0	9	0	0	26	68
	Panjgur *	000	0	0	00	00	98	00	0	439	68	0	0	9	0	0	38	66
Afghanistan	Kabul *	000	0	0	00	00	99	00	0	487	62	0	0	9	0	0	44	52
	Kandahar *																	

Departure from Normal of / Rainfall

Divisions (1)	Station (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	+3	+1	93.0	+2.5	103.9	140
	Chittagong	+1	+2	56.4	-5.7	63.8	108
	Maijdee Court	0	-1	45.7	-19.7	54.0	115
	Comilla	+3	+1	33.5	-15.9	45.4	94
	Brahmanbaria	—	—	33.0	-4.7	50.8	78
	Sylhet	—	—	61.0	—	111.6	
	Srimangal	0	+1	50.0	+5.3	74.6	98
Dacca	Mymensingh	+4	+3	42.6	-4.0	56.6	91
	Narayanganj	+3	0	38.1	+1.6	54.2	74
	Dacca (Tezgaon)	—	—	21.9	—	55.8	
	Faridpur	+2	0	34.5	-1.5	46.6	71
	Barisal	+2	0	32.6	-11.6	49.6	81
Rajshahi	Khulna	+3	+3	32.1	-6.5	40.1	68
	Satkhira	+4	+2	27.1	-8.5	42.9	65
	Jessore	—	—	34.0	+0.1	37.3	65
	Sirajganj	+2	+3	48.1	+14.5	57.0	69
	Bogra	+3	+3	47.8	+11.1	155.3	69
	Dinajpur	+3	-1	37.5	-2.0	40.8	72
	Rangpur	+3	+3	38.1	-6.9	41.5	84
Kashmir	Jammu						
Lahore	Lahore (Jail Rd.)	-17	-1	16.2	+4.5	24.9	19
	Sialkot	-21	-1	21.7	+2.9	44.3	31
Rawalpindi	Jhelum	—	—	16.6	—	27.3	
	Rawalpindi	-11	-5	13.2	-3.2	29.1	36
	Khushab	-10	+2	8.2	-0.4	16.9	15
Multan	Lyallpur	-19	-4	10.1	+2.8	16.2	12
	Montgomery	-20	-5	6.4	+0.3	10.2	10
	Multan	-1	-4	0.7	-3.3	4.1	7
Bahawalpur	Leiah						8
	Khanpur	-1	+2	0.2	-4.3	1.2	4
	Bahawalpur	-5	+2	1.3	-2.1	2.3	6
	Fort Abbas	—	—	2.3	—	5.3	8
Peshawar	Chakdara	—	—	2.4	—	17.2	
	Peshawar	-1	-3	1.8	-1.7	12.9	14
	Haripur	—	—	5.5	—	18.6	
	Campbellpur	—	—	4.8	—	20.2	
D.I. Khan	Bannu	—	—	2.3	—	9.4	11
	D.I. Khan	0	-2	2.3	-7.3	7.8	10
Quetta	Sibi	—	—	1.1	—	4.2	5
Kalat	Nokkundi	—	—	0	—	1.9	2
	Turbat	—	—	2.5	—	5.9	
	Jiwani	—	—	0	—	3.1	4
	Pasni	+1	-1	0	-0.9	6.2	6
	Ormara	—	—	0	-0.8	3.8	6
	Las Bela	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	+3	+1	0.6	-4.1	1.1	8
	Karachi (Air port)	—	—	0.9	—	1.4	
	Badin	—	—	3.6	—	3.6	9
	Nagarparker	—	—	—	—	—	
	Umarkot	—	—	4.7	—	4.7	
	Hyderabad	+5	+4	0.9	-4.3	2.8	7
Khairpur	Pad-i-dan	—	—	0.1	—	1.4	
	Nawabshah	—	—	0.1	—	0.6	
	Sukkur	—	—	0.1	—	2.9	4
	Kashmore	—	—	—	—	—	7
	Jacobabad	0	0	0	-3.1	3.5	4
Junagarh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat	+5	+3	0	-0.1	4.9	4
	Kuwait						
	HILL STATIONS						
Kashmir	Srinagar *						36
	Gulmarg **						
	Sonamarg **						71
	Dras **						38
	Leh **						3
	Skardu *						6
Rawalpindi	Misgar **		—	—	—	—	
	Aliabad *						
	Gilgit *						5
	Murree *	-8	-2	23.2	-7.5	55.1	59
Peshawar	Drosh *	+5	-1	4.7	—	37.8	18
	Cherat *	-3	-4	3.9	-5.2	24.6	29
	Kakul *	—	—	11.8	—	39.4	
	Landi Kotal *	—	—	0.9	—	15.1	
D.I. Khan	Parachinar *	—	—	6.7	—	25.8	39
	Miranshah *	—	—	2.5	-1.1	14.8	13
	Wana *	—	—	—	—	—	
Quetta	Fort Sandeman *	+1	-6	2.4	-1.2	12.9	11
	Hindubagh *	—	—	0	—	12.3	
	Loralai *	—	—	1.9	—	10.7	
	Harnai *	—	—	2.0	-4.2	14.3	14
	Quetta *	—	—	0	-1.0	9.5	9
Kalat	Chaman *	-3	-2	0	-0.1	10.2	8
	Kalat *	-1	-5	0	-1.1	8.4	7
	Nushki *	—	—	0	—	8.0	
	Dalbandin *	-3	-1	0	-0.3	4.4	4
	Panjgur *	-9	-5	0	—	4.2	5
Afghanistan	Kabul *	—	—	—	—	—	12
	Kandahar *						

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 26th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	1 $d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
New York	12 100	605 00	7 21 24	96 02 2	095 79	66 4 10	6 6 725	..	0 03 73	..
Silver Brook	13 171	649 06	4 27 25	98 01 0	070 82	..		--		
Dondo	13 199	687 06	9 00 00	94 45 2	965 73	9x 0 xx	2 5 430	..	0 04 73	1 32 43
Dondo	13 211	694 12	4 20 14	96 02 2	987 86	46 5 00	1 5 721		0 12 86	1 20 32
Dara	13 248	655 18	6 22 13	98 01 1	019 81	61 4 00	6 5 220	8 6 810	0 04 77	1 22 xx

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	599 268 245	..	..	440 225 072	..	105 142 015	384 032 562	850 505 632	571 598 699	978 695	274 810	..	..
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	826 172 058	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 198 138	895 195 145	814 225 108	800 215 075	350 632 725	250 730 999	164 885 999	..	..	164 885 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of 9C.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ..	16 10	15 11	15 12	16 12	..	..	..	..	..	12 14	12 13	11 12	12 11	09 04	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	22 11	23 13	23 13	26 11	29 08	29 08	27 13	26 17	26 16	22 32	22 32	..	..	..	..
Chittagong ..	18 25	18 22	16 23	16 25	..	..	..	..	..	16 21	16 21	16 29	17 22	17 23	22 13
Cox's Bazar ..	17 20	..	..	..	..	..	..	..	..	15 22	16 27	16 27	17 18	..	..
Dacca ..	15 13	16 13	17 13	17 15	..	..	..	..	..	17 12	18 13	18 16	..	..	..
Dalbandin ..	..	..	10 02	22 01	26 04	28 02	02 18	01 13	36 09	..	..	27 09	30 12	32 19	34 06
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	22 23	22 23	22 28	19 09	18 09	05 09	..	..	..	..	20 01	29 01
Fort Sandeman ..	..	..	..	02 07	01 08	28 10	23 10	25 14	28 15	..	..	..	22 04	27 10	30 22
Jacobabad ..	16 18	18 17	17 14	28 11	28 15	27 14	..	..	..	15 16	21 17	23 00	29 06	33 13	31 07
Jessore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	No	ascent	..	..	..	..	..	..	..	01 09	01 08	32 06	..	..	..
Jiwani ..	19 13	19 08	24 05	31 08	35 14	35 19	..	..	..	23 09	34 10	34 10	..	..	..
Karachi ..	25 15	28 15	30 14	32 14	31 14	28 18	24 18	24 24	25 20	25 17	25 20	25 23	..	..	..
Khanpur ..	01 02	33 03	32 03	32 08	34 17	33 17	29 20	29 14	29 07	21 24	23 17	24 14	24 19	27 23	29 15
Lahore ..	No	ascent	..	..	..	..	..	..	..	30 11	..	..	..	..	..
Multan ..	24 17	34 18	34 14	03 08	..	..	..	..	..	15 11	22 17	22 18	25 17	33 17	32 17
Muscat ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	07 15	08 15	11 12	10 09	34 08	36 21	35 32	33 22	..	33 07	21 08	21 05	25 07	31 48
Quetta ..	..	..	..	..	26 11	30 12	26 07	34 09	32 08	..	..	..	..	27 20	29 17
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	26 12	22 09	22 08	..	..	..	..	..	..	14 07	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	13 13	12 19	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	17 19	..	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	19 15	21 18	21 17	..	..	..	..	..	..	..	..
Dacca ..	16 17	16 15	16 18	16 11	..	..	..	..	..	..	..
Dalbandin ..	..	..	23 05	27 10	35 12	27 12	31 13	30 18	32 13	29 20	24 21
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	25 08	16 06	32 06	33 06	36 07	36 22	..
Fort Sandeman ..	..	..	..	27 03	27 23	24 13	27 24	24 35	22 44	23 34	21 43
Jacobabad ..	15 09	05 12	01 13	01 14	01 15	02 14	20 07	21 14	23 11	32 04	32 16
Jessore ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	03 03	06 05	08 07	..	..	..	..	..	..	..	..
Jiwani ..	15 33	06 22	05 15	01 14	35 07	33 18	..	..	..	..	..
Karachi ..	26 27	27 19	..	..	..	..	..	..	..	..	..
Khanpur ..	21 08	21 12	25 12	25 10	25 10	22 13	23 14	25 17	25 17	18 19	18 25
Lahore ..	31 05	26 05	25 03	..	..	..	..	..	..	..	..
Multan ..	21 13	20 11	23 09	26 07	29 08	25 10	..	..	..	..	..
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	06 06	16 03	31 04	31 11	28 24	26 15	26 19	24 31	22 33	23 30
Quetta ..	..	..	..	..	28 06	30 06	32 08	28 10	26 16	23 20	21 14
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	11 06	17 07	18 12	..	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	25 19	25 19	28 21	28 26	28 23	33 09	35 12	23 15	26 10	12 07	11 04	14 06	13 15	11 11	11 21	11 23	12 37	07 35
Peshawar ..																		
Quetta ..																		

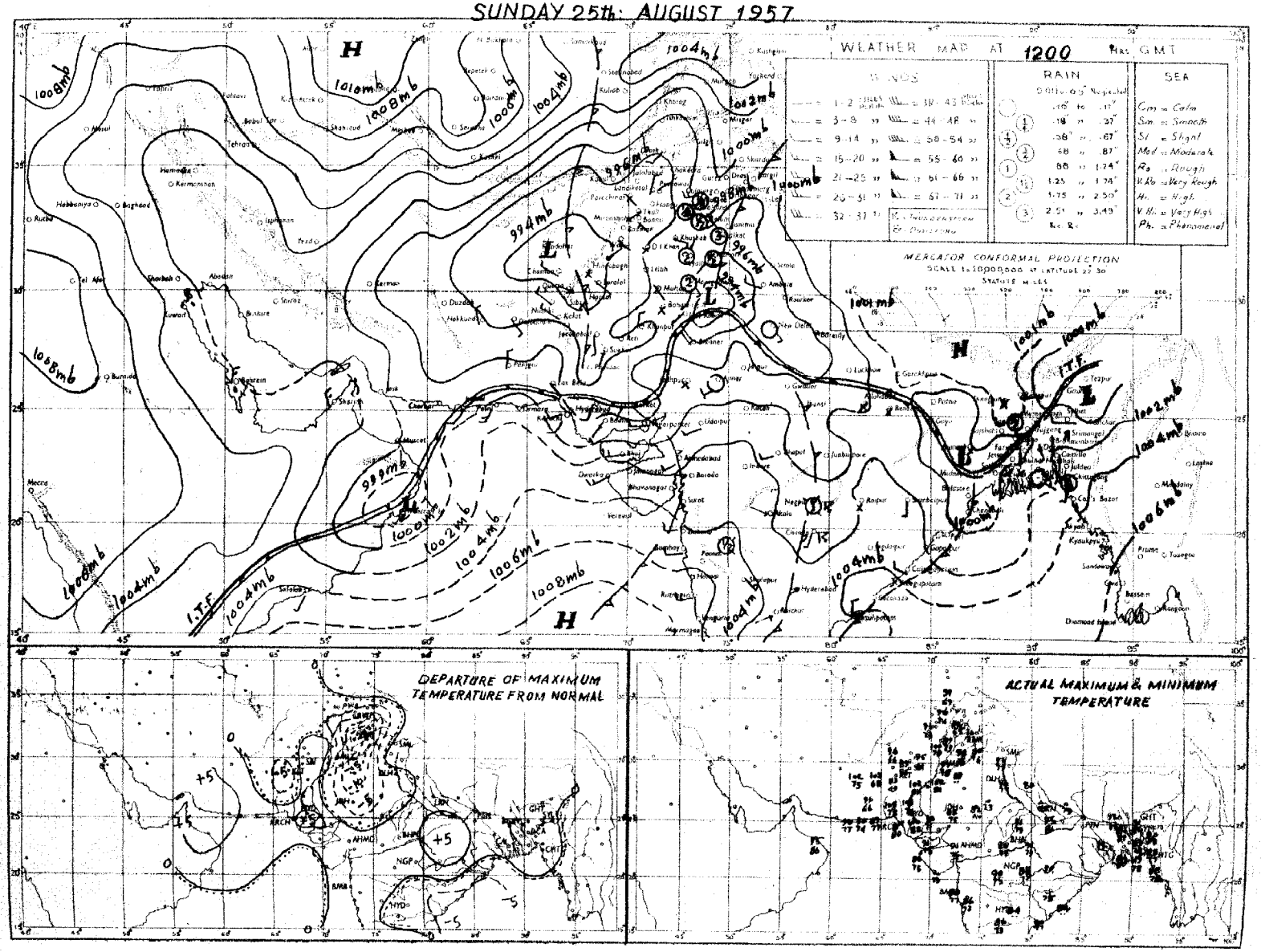
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

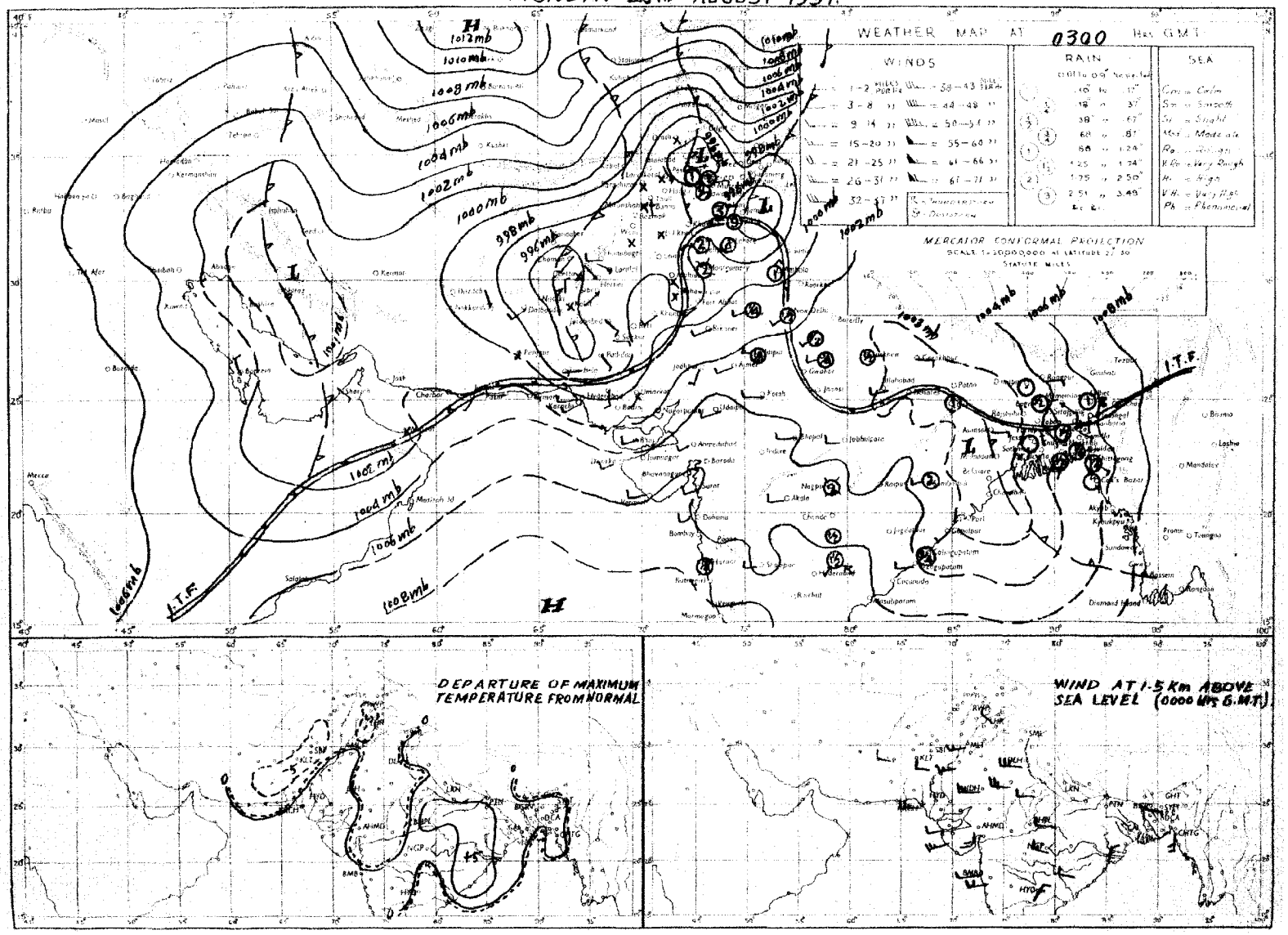
SUNDAY 25th AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

MONDAY 26th AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1487

TUESDAY, THE 27th AUGUST, 1957.

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

Yesterday's low over Peshawar division moved away eastwards. Thunderstorms/showers have been local in Rawalpindi and Peshawar divisions and scattered in Multan division.

A shallow low lies over West Bengal and Bihar.

Fairly widespread rain has fallen in Dacca division and local elsewhere in East Pakistan.

Chief amounts of rainfall are:—Cox's Bazar 3"; Maijdee Court 1½"; Narayanganj and Sirajganj ¾" each; Dacca and Barisal ½" each and Chittagong, Faridpur, Satkhira, Jessore, Rawalpindi and Chakdara ¼" each.

Day temperatures were 6-10°F below normal in Lahore, Rawalpindi and Multan divisions and were 4-6°F so in north Kalat division.

Forecast valid until the evening of 28th:—Local rain will fall in East Pakistan and in Kashmir. Scattered thunderstorms/showers are expected in Lahore, Rawalpindi, Multan, Peshawar and Bahawalpur divisions.

Karachi-11.
The 27th August, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † W_t (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	141	8	4	16	03	96	14	6	029	80	3	4	6	6	1	76	85
	Chittagong	016	4	6	18	09	96	21	6	018	80	5	4	5	1	0	78	88
	Maijdee Court	020	8	8	18	02	97	02	6	007	84	6	5	5	0	2	80	97
	Comilla	006	3	8	18	03	97	50	6	010	83	8	4	5	×	×	79	91
	Brahmanbaria	000	0	4	18	02	97	03	2	006	83	2	4	3	4	0	77	91
	Sylhet	000	0	4	00	00	97	03	1	006	85	2	2	6	7	2	79	89
	Srimangal	001	0	8	18	03	96	60	2	012	83	8	4	6	×	×	77	91
Dacca	Mymensingh	000	0	6	13	02	98	02	1	005	87	6	7	4	0	0	79	90
	Narayanganj	000	9	7	11	07	95	03	2	997	85	6	7	4	0	1	79	90
	Dacca (Tezgaon)	006	8	6	13	05	98	02	6	992	85	5	8	4	0	1	79	89
	Faridpur	031	4	3	16	05	96	01	6	989	85	2	4	7	1	0	79	88
	Barisal	015	4	4	18	02	95	03	6	998	85	6	7	9	0	0	79	88
Rajshahi	Khulna	000	0	3	13	02	97	01	1	022	86	3	5	7	0	0	78	91
	Satkhira	000	0	3	00	00	97	01	1	988	86	2	3	7	6	0	80	89
	Jessore	000	6	4	13	03	97	02	5	989	86	2	8	6	6	0	82	89
	Sirajganj	090	0	6	13	02	96	03	0	988	86	2	4	5	0	1	××	91
	Bogra	000	0	0	13	02	96	00	0	995	86	0	0	9	0	0	77	89
	Dinajpur	000	2	6	00	00	96	02	2	003	88	0	0	9	2	0	81	92
	Rangpur	000	0	6	09	02	96	03	2	×××	86	6	5	6	0	0	××	××
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	4	00	00	96	01	5	981	88	1	8	6	0	3	76	89
	Sialkot	000	8	6	00	00	97	02	2	973	83	6	0	8	4	0	78	83
Rawalpindi	Jhelum	000	8	4	13	06	98	03	2	987	85	4	1	6	0	0	76	86
	Rawalpindi	020	0	4	17	05	99	03	0	972	86	4	2	7	0	0	75	90
	Khushab																	
Multan	Lyallpur	000	0	4	16	02	96	01	0	979	90	0	0	9	3	0	51	91
	Montgomery	000	0	3	00	00	98	02	1	971	92	3	1	8	0	0	82	93
	Multan	000	0	0	13	02	96	00	0	959	99	0	0	9	0	0	71	01
Bahawalpur	Leiah																	
	Khanpur	000	0	0	18	04	96	00	0	958	03	0	0	9	0	0	76	04
	Bahawalpur	000	0	0	00	30	97	00	0	958	98	0	0	9	0	0	80	99
	Fort Abbas	000	0	0	03	02	97	10	0	969	96	0	0	9	0	0	73	97
Peshawar	Chakdara	000	0	1	××	××	98	01	1	921	91	1	2	7	0	0	68	93
	Peshawar	000	0	6	05	10	97	03	2	936	92	4	2	6	3	0	71	97
	Haripur	000	9	1	31	02	98	03	0	951	92	1	1	6	0	0	69	83
	Campbellpur	000	0	3	09	09	98	03	1	964	96	3	3	6	0	0	69	95
D.I. Khan	Bannu	000	4	6	13	02	99	03	1	944	94	6	0	9	4	0	77	93
	D.I. Khan	000	0	3	00	00	98	03	0	946	00	0	0	9	0	3	77	01
Quetta	Sibi	000	0	0	23	01	98	00	0	927	09	0	0	9	0	0	70	10
	Nokkundi	000	0	0	34	13	98	02	0	974	95	0	0	9	0	0	25	98
Kalat	Turbat	000	0	0	23	02	97	00	0	991	93	0	0	9	0	0	79	10
	Jiwani	000	0	0	18	12	96	00	1	991	85	0	0	9	0	0	79	89
	Pasni	000	0	0	23	21	94	07	0	003	83	0	0	9	0	0	74	87
	Ormara	000	0	0	××	××	98	00	0	009	85	0	0	9	0	0	81	85
	Las Bela	000	0	0	13	04	97	00	1	979	95	0	0	9	0	0	72	04
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	12	97	02	1	988	86	4	6	4	0	0	81	89
	Karachi (Air port)	000	0	6	25	14	97	03	1	992	86	6	5	6	0	0	77	89
	Badin	000	0	6	23	02	97	20	3	995	89	0	6	9	0	0	71	92
	Nagarparker	×××	×	0	25	02	98	00	0	—	—	0	0	9	0	0	—	—
	Umerkot	000	0	0	23	02	97	00	0	958	94	0	0	9	0	0	72	95
	Hyderabad	000	0	0	23	14	96	07	0	973	91	0	0	9	0	0	71	97
Khairpur	Pad-i-dan	000	0	0	13	08	98	08	0	940	06	0	0	9	0	0	55	07
	Nawabshah																	
	Sukkur	000	0	0	20	02	96	00	0	942	00	0	0	9	0	0	69	02
	Kashmore	000	0	0	36	03	99	00	0	941	91	0	0	9	0	0	74	××
	Jacobabad	000	0	0	13	07	97	02	0	945	00	0	0	9	0	0	72	01
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	993	97	0	0	9	0	0	59	98
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	4	31	11	96	01	2	031	63	4	1	9	0	0	29	71
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	5	31	03	97	02	1	421	66	3	3	3	8	0	63	69
Peshawar	Drosh *	000	0	7	23	07	96	03	1	379	85	7	5	7	0	0	50	97
	Cherat *	000	4	2	18	05	97	01	0	410	84	2	2	6	0	0	63	86
	Kakul *	000	7	3	20	03	98	03	0	420	79	3	2	6	0	0	67	82
	Landi Kotal *	000	0	7	02	02	96	03	0	398	86	7	0	9	7	0	65	91
D.I. Khan	Parachinar *	000	0	8	13	02	99	03	0	796	67	8	4	9	×	×	55	—
	Miranshah *	000	0	0	05	02	99	00	0	442	88	0	0	9	0	0	85	90
	Wana *	000	4	3	09	02	98	00	3	000	86	3	2	8	0	0	60	95
Quetta	Fort Sandeman *	000	0	4	00	00	96	01	0	395	98	4	2	6	0	0	29	00
	Hindubagh *	000	0	0	27	05	98	00	0	393	89	0	0	9	0	0	45	90
	Loralai *	000	0	2	13	02	98	02	1	468	90	0	0	9	3	0	37	92
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	—	—
	Quetta *	000	0	0	29	03	97	01	0	389	88	0	7	8	0	0	61	90
	Chaman *	000	0	0	25	05	96	00	0	436	89	0	0	9	0	0	72	91
Kalat	Kalat *	000	0	0	34	11	98	00	0	412	80	0	0	9	0	0	23	83
	Nushki *	000	0	0	31	09	96	00	0	490	96	0	0	9	0	0	40	97
	Dalbandin *	000	0	0	31	09	94	07	0	429	00	0	0	9	0	0	44	00
	Panjgur *	000	0	0	31	08	98	00	0	443	98	0	0	9	0	0	19	94
Afghanistan	Kabul *	000	0	2	36	02	99	03	0	450	85	2	1	7	0	0	53	86
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Division	Station	Rainfall in Cents RRR (20)	Past weather commenced at † We (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1957 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1957 to date (41)	Rainfall: Annual normal (42)
Chittagong	Cox's Bazar	258	9	5	13	07	95	62	6	058	76	5	4	6	2	0	78	76	− 1	0	95.6	+ 4.2	106.5	140
	Chittagong	037	2	8	18	09	97	61	6	045	78	7	6	4	1	×	77	77	+ 2	+ 1	56.8	− 5.9	64.2	108
	Maijdee Court	144	6	8	00	00	93	61	6	031	79	3	5	5	2	×	78	77	+ 12	− 1	47.1	− 17.9	55.4	115
	Comilla	009	9	8	18	14	97	02	6	037	84	8	4	4	×	×	77	77	+ 3	0	33.6	− 16.3	45.5	94
	Brahmanbaria	000	0	6	13	07	97	03	2	035	83	6	5	3	0	0	76	78	—	—	33.0	− 4.5	50.8	78
	Sylhet	005	9	7	09	02	96	02	6	044	85	5	2	6	7	0	77	78	—	—	61.0	—	111.6	..
	Srimangal	002	9	3	13	02	97	02	6	039	83	2	1	7	0	1	76	76	+ 1	0	50.0	+ 4.0	76.6	98
Dacca	Mymensingh	000	0	8	13	05	97	02	2	035	83	8	4	3	×	×	77	79	+ 3	+ 1	42.6	− 4.6	56.6	91
	Narayanganj	082	3	8	11	07	95	03	6	019	82	8	7	4	×	×	79	79	+ 2	0	38.9	+ 2.0	55.0	74
	Dacca (Tezgaon)	065	4	8	13	03	96	61	6	023	79	4	6	3	2	×	78	78	—	—	22.5	—	56.5	..
	Faridpur	031	9	8	16	02	96	03	0	050	84	8	5	7	×	×	78	78	+ 1	0	34.8	− 1.5	46.9	71
	Barisal	040	9	8	18	05	95	60	6	028	81	0	7	7	×	×	78	80	+ 1	+ 2	33.0	− 11.4	50.0	84
Rajshahi	Khulna	000	0	8	18	03	97	03	2	026	83	8	5	5	×	×	79	81	+ 3	+ 3	32.1	− 6.9	40.1	68
	Satkhira	035	1	8	00	00	96	61	2	021	81	8	6	6	×	×	79	80	0	+ 2	27.5	− 9.5	43.2	68
	Jessore	022	7	8	13	05	97	03	6	012	84	5	8	6	6	×	81	78	—	0	34.3	0	37.6	63
	Sirajganj	080	3	8	13	04	95	57	6	023	××	8	7	4	×	×	79	79	+ 4	0	48.9	+ 14.9	59.8	64
	Bogra	006	0	4	09	02	97	01	1	017	80	4	6	6	0	0	79	80	+ 1	+ 2	47.9	+ 10.7	155.3	69
	Dinajpur	000	2	6	09	02	96	02	2	021	87	0	0	9	2	0	79	77	+ 3	− 1	37.5	− 1.5	40.8	72
	Rangpur	000	0	4	13	05	96	01	1	×××	85	4	5	6	0	0	78	80	—	+ 3	38.1	− 7.4	41.5	84
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.)	000	9	7	00	00	96	50	2	019	82	7	8	5	0	0	80	80	− 8	+ 3	36.2	+ 4.4	24.9	19
	Sialkot	000	9	4	05	02	98	01	2	002	79	0	0	9	0	2	69	75	− 11	− 2	21.7	+ 2.7	44.9	33
Rawalpindi	Jhelum	000	8	2	36	02	98	01	2	016	81	0	0	9	5	0	74	76	—	—	16.6	—	27.3	..
	Rawalpindi	020	9	6	00	00	99	01	9	997	77	6	2	6	0	0	75	73	− 3	− 1	13.4	− 5.2	29.3	36
	Khushab																							15
Multan	Lyallpur	000	8	4	02	02	96	01	9	008	81	0	0	9	4	0	78	78	− 6	− 1	10.1	+ 2.7	16.2	12
	Montgomery	000	0	8	31	02	96	03	1	005	83	8	6	6	×	×	79	78	− 7	− 2	6.4	+ 0.3	10.2	10
	Multan	000	0	1	13	03	96	01	0	017	81	0	0	9	0	1	71	77	+ 3	− 5	0.7	− 3.5	4.1	7
Bahawalpur	Leiah																							8
	Khanpur	000	0	0	27	04	96	00	0	025	81	0	0	9	0	0	74	78	+ 1	− 1	0.2	− 4.3	1.2	4
	Bahawalpur	000	0	0	00	00	97	00	0	0 6	84	0	0	9	0	0	78	78	− 2	− 1	1.3	− 2.7	2.5	6
	Fort Abbas	000	0	0	23	03	97	00	0	021	85	0	0	9	0	0	75	77	—	—	2.6	—	5.5	8
Peshawar	Chakdara	026	0	6	××	××	97	01	2	013	73	0	×	8	7	×	64	54	—	—	2.7	—	17.5	14
	Peshawar	000	9	6	05	08	97	01	9	016	79	6	0	9	3	0	69	72	0	− 5	1.8	− 1.7	12.9	..
	Haripur	000	9	8	23	02	97	03	0	025	73	8	5	6	×	×	67	73	—	—	5.5	—	19.6	..
	Campbellpur	000	0	8	05	02	98	03	1	025	79	8	5	6	×	×	67	76	—	—	4.8	—	20.2	..
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	019	79	0	0	9	0	0	70	79	—	—	2.3	—	9.4	11
	D.I. Khan	000	0	0	31	02	98	00	0	012	77	0	0	9	0	0	72	71	+ 1	− 9	2.3	− 2.3	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	994	88	0	0	9	0	0	77	88	—	—	1.1	—	6.2	5
	Nokkundi	000	0	0	34	02	99	02	0	041	78	0	0	9	0	0	38	72	—	—	0	—	1.9	2
Kalat	Turbat	000	0	0	23	01	98	00	0	012	××	0	0	9	0	0	78	83	—	—	2.5	—	5.9	..
	Jiwani	000	0	0	18	05	97	00	1	025	81	0	0	9	0	0	75	77	—	—	0	—	3.1	4
	Pasni																		− 1					6
	Ormara	000	0	6	××	××	98	02	1	035	80	6	4	5	0	0	79	78	—	—	0	− 0.8	3.8	4
	Las Bela	000	0	0	00	00	98	00	0	938	82	0	0	9	0	0	61	76	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	07	96	03	2	016	81	4	0	4	7	1	78	79	+ 4	+ 1	0.6	− 4.8	1.1	8
	Karachi (Air port)	000	0	7	25	10	96	03	2	013	81	7	6	5	0	0	77	80	—	—	0.9	—	1.4	9
	Badin	000	3	5	03	02	96	20	3	013	81	0	7	9	0	0	74	××	− 1	—	3.6	− 2.2	3.6	..
	Nagarparker	×××	×	0	00	00	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	—	—	—	..
	Umerkot	000	0	0	23	03	96	02	0	014	79	0	0	9	0	0	70	××	—	—	—	—	—	..
	Hyderabad	000	0	0	23	09	97	02	0	996	81	0	0	9	0	0	71	77	+ 1	+ 1	0.9	− 4.4	2.8	7
												0	2	9	0	0	71	77						
Khairpur	Pad-i-dan	000	0	0	13	05	98	00	0	008	81								—	—	0.1	—	1.4	..
	Nawabshah																							
	Sukkur	000	0	0	11	02	96	00	0	995	81	0	0	9	0	0	72	77	—	—	0.1	—	2.9	4
	Kashmore	000	0	2	13	01	99	00	0	982	80	2	0	9	0	0	74	××	×	×	—	—	—	..
	Jacobabad	000	0	0	13	09	96	00	0	001	82	0	0	9	0	0	73	81	− 2	0	0	− 2.1	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	0	0	00	00	99	00	0	018	89	0	0	9	0	0	84	87	+ 8	+ 4	0	− 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							
Kashmir	Srinagar *																							36
	Gulmarg **																							..
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																		—					..
	Aliabad *																							..
	Gilgit *																							5
Rawalpindi	Murree *	006	9	7	42	14	97	02	9	456	57	5	5	5	8	0	49	56	− 1	− 1	21.3	− 7.7	55.2	59
Peshawar	Drosh *	011	9	5	00	00	96	01	9	456	67	5	2	6	0	0	59	63	+ 4	− 7	1.7	—	23.8	18
	Cherat *	000	3	6	00	00	98	02	2	447	70	6	0	9	7	0	56	67	+ 1	− 2	3.9	− 5.4	24.6	29
	Kakul *																		—					..
	Landi Kotal *	000	0	1	02	03	97	03	0	442	77	1	0	9	5	0	61	73	—	—	0.9	—	15.1	..
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	796	67	0	0	9	0	0	55	××	—	×	6.7	—	25.8	29
	Miranshah *	000	0	6	00	00	98	00	0	475	76	0	0	8	4	2	73	70	—	—	2.5	− 1.1	14.8	13
	Wana *																							
Quetta	Fort Sandeman *	000	0	2	23	02	96	01	0	445	73	2	1	6	0	0	62	66	+ 5	− 5	2.4	− 2.0	12.9	17
	Hindubagh *	000	0	0	27	02	97	00	0	436	71	0	0	9	0	0	55	63	—	—	0	—	12.3	..
	Loralai *	000	0	0	27	02	98	00	0	439	68	0	0	9	0	0	31	63	—	—	1.9	—	10.7	13
	Harnai *	000	0	0	31	02	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	− 4.3	14.3	14
	Quetta *	000	0	0	00	00	94	07	0	438	66	0	0	9	0	0	47	53	—	—	0	− 1.0	9.5	9
	Chaman *	000	0	0	20	07	97	00	0	454	71	0	0	9	0	0	59	65	− 4	− 3	0	− 0.1	10.2	8
Kalat	Kalat *	000	0	0	00	00	98	00	0	450	66	0	0	9	0	0	48	47	− 1	− 7	0	− 1.1	8.4	7
	Nushki *	000	0	0	36	07	96	00	0	510	74	0	0	9	0	0	42	73	—	—	0	—	8.0	..
	Dalbandin *	000	0	0	05	07	95	05	0	443	72	0	0	9	0	0	38	65	− 5	− 4	0	− 0.3	4.4	4
	Panjgur *	000	0	0	13	02	98	00	0	455	77	0	0	9	0	0	31	73	− 6	+ 2	0	—	4.2	3
Afghanistan	Kabul *	000	0	1	32	00	99	03	0	509	60	1	1	9	0	0	51	52	—	—	—	—	—	12
	Kandahar *																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 27th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$YQ L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I I_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tagelus	22 198	649 00	2 25 24	99 02 0	033 80	21 5 00	7 5 610	..	0 53 74	1 25 35
Waterman	23 124	490 00	0 17 07	98 02 0	037 88	00 9 00	2 6 709	..	0 01 82	1 17 22
Tagelus	23 206	637 06	7 24 18	98 02 2	048 86	71 4 00	7 5 204	..	0 53 74	1 24 34
Kopionella	23 215	597 06	9 21 12	96 xx 4	xxx 77			..	..	..
Excelsior	23 100	601 06	9 24 18	98 02 2	100 84	76 5 xx	1 6 114	..		..
Aldermanic	23 183	596 06	3 22 16	97 01 1	051 77	35 6 00	5 3 400	..	0 01 73	1 22 34
Daressa	23 249	629 06	5 20 05	98 01 1	031 82	31 6 10	2 5 400	..	0 00 77	1 20 xx
Excelsior	23 209	514 12	8 24 19	98 02 2	031 80	66 4 78	1 4 624	..	..	..
Kopionella	23 201	592 12	8 22 14	97 xx 4	xxx 79	..	..	..	..	..
Silver Brook	23 214	612 12	8 32 18	98 xx 2	xxx 80			..	..	..
Alderman	23 179	590 12	7 22 18	97 02 2	020 79	75 6 00	5 3 723	..	0 04 73	1 22 44
Tagaelus	23 224	627 12	8 24 24	98 02 2	018 79	85 3 xx	7 5 722	..	0 52 73	1 24 34
Clanchattan	23 185	694 18	3 27 24	97 02 1	129 82	33 4 00	2 5 520	..	0 00 74	1 27 xx
Hydrecht	23 201	591 18	0 20 18	98 02 2	029 73	00 9 00	5 5 201	..	0 01 72	1 20 54
Cilicia	23 242	661 18	8 17 18	98 02 2	010 81	87 5 00	5 5 210	..	0 56 77	1 17 xx

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb (HHH TTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	995 272 248	..	..	300 115 052	..	001 052 602	238 535 655	666 582 695	374 705 702	940 030	215 020	392 235	626 262
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	826 135 035	..	..	..	..	094 112 022	365 042 032	818 545 999	534 642 999	962 855	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 122 108	875 102 032	830 175 072	800 155 532	718 175 072	636 508 655	350 775 852	250 905 999	106 355 999	058 690 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	800 162 038	790 172 015	624 052 035	570 000 900	..	..	..	..		570 000 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of 9C.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	14 10	15 17	16 19	15 19	14 16	12 15	08 13	09 06	..
Chaklala				..	..			..	..
Chhor	22 19	22 23	21 27	..	..	..	..	..	..
Chittagong	19 18	19 25	20 24			..	..	..	
Cox's Bazar	19 16	20 17	21 17	22 22	20 25			..	
Dacca	14 23	15 20	15 18	15 18	15 18	14 17	11 14	11 12	08 10
Dalbandin	..	..	21 12	24 12	23 10	29 14	33 10	33 12	23 19
D. I. Khan	..	..	..			..	..	..	
Drosh	..	..	..	25 11	23 22				
Fort Sandeman				16 06	19 07	19 08	24 08	28 19	27 24
Jacobabad	15 11	12 06	06 04	06 01	23 02	24 07	34 12	34 13	31 10
Jessore									
Jhelum	12 07	12 09	11 06	01 05	34 07	27 09	28 13	26 18	26 24
Jiwani	18 08	24 01	33 03	34 15	35 19	34 19	..	..	..
Karachi	25 17	28 15	30 15	28 14	..				
Khanpur	20 12	20 12	20 13	21 11	21 06	28 03	20 08	21 11	24 13
Lahore	05 02	23 03	25 05	29 08	32 08	31 14	27 15		
Multan	15 09	16 17	15 18	15 17	17 16	22 15	21 16	25 14	25 13
Muscat	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..
Peshawar	..	..	..	..					
Quetta	..	..	..	..	26 09	25 07	22 10	29 11	29 14
Sharjah									
Sylhet	03 04	10 03	21 13	19 15	18 13	17 09	14 07	12 09	09 07
Veraval									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	11 11	13 29	..	..	..	..
Chaklala				..	..	..
Chhor	22 16	22 21	22 26	..	..	..
Chittagong	17 29	18 32	19 35	..	..	..
Cox's Bazar	17 14			..	..	..
Dacca	16 15	18 17	18 18			
Dalbandin	..	..	25 18	31 19	33 14	..
D. I. Khan	..		..	..		
Drosh		--			22 01	07 02
Fort Sandeman				04 14	03 17	01 11
Jacobabad	11 08	11 02	02 05	31 08	30 04	07 05
Jessore						
Jhelum	31 06	05 01	12 03	01 03	33 06	33 04
Jiwani	17 05		..			
Karachi	26 15	26 22				
Khanpur	21 14	23 12	28 03	17 07	14 10	10 11
Lahore	11 12	13 06	13 04	32 04	27 10	..
Multan	15 09	18 13	21 13	23 14	24 19	..
Muscat	..		..	..	..	..
Panjgur	..		..	..	..	..
Peshawar	..	..	..	..	..	
Quetta	..	..	..		28 01	29 13
Sharjah						
Sylhet	12 07	17 12	18 20	19 13	..	..
Veraval						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	12 19	13 21	14 19	14 20	..	..	..	..	..	..	..
Chaklala	..	..	..		..	..	..	..	..	..	..
Chhor		..			..	..	..	..	..	..	..
Chittagong	No	ascent		..	..	..	..	..		..	..
Cox's Bazar	18 19	19 23			..		..	..	..	..	..
Dacca	18 12	19 16	17 16	18 15							
Dalbandin	..	..	26 09	26 04	34 06	31 14	32 15	27 14	27 15	27 20	26 22
D. I. Khan	..	..	..	..							..
Drosh	..	..	..		03 01	21 01	20 12	19 14	19 17		..
Fort Sandeman				26 05	36 05	04 08	22 14	25 15	26 19	22 27	22 42
Jacobabad	12 16	10 19	07 15	04 11	01 09	23 05	28 08	31 08	27 12	22 13	22 21
Jessore											
Jhelum	24 03	01 01	02 02	04 06	04 07	24 04	22 18	24 16	24 18	22 43	..
Jiwani	..				..		..	..	..		..
Karachi	25 15	26 19	27 18	..							
Khanpur	31 01	11 02	00 08	08 15							
Lahore	05 04	12 05	16 05	18 05	19 05	32 12	24 15	23 15	24 13	21 34	22 38
Multan	04 01	29 03	05 04	13 05	04 04	29 05	21 14	24 15	28 16	20 29	19 35
Muscat	..	..	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..				..
Peshawar	..	..	..	..							
Quetta	..	..	..	..	34 04	31 09	23 16	16 37	20 24	29 20	36 39
Sharjah					..	..	..	..	..	..	..
Sylhet	15 10	14 10	..	..	..	..	..	..	..	..	..
Veraval		..	..	..	..	..		..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 07	27 08	32 05	32 04	32 07	30 15	31 10	06 10	22 06	22 08	14 10	11 09	16 15	16 18	10 17	14 21	05 21	
Peshawar ..																		
Quetta ..																		

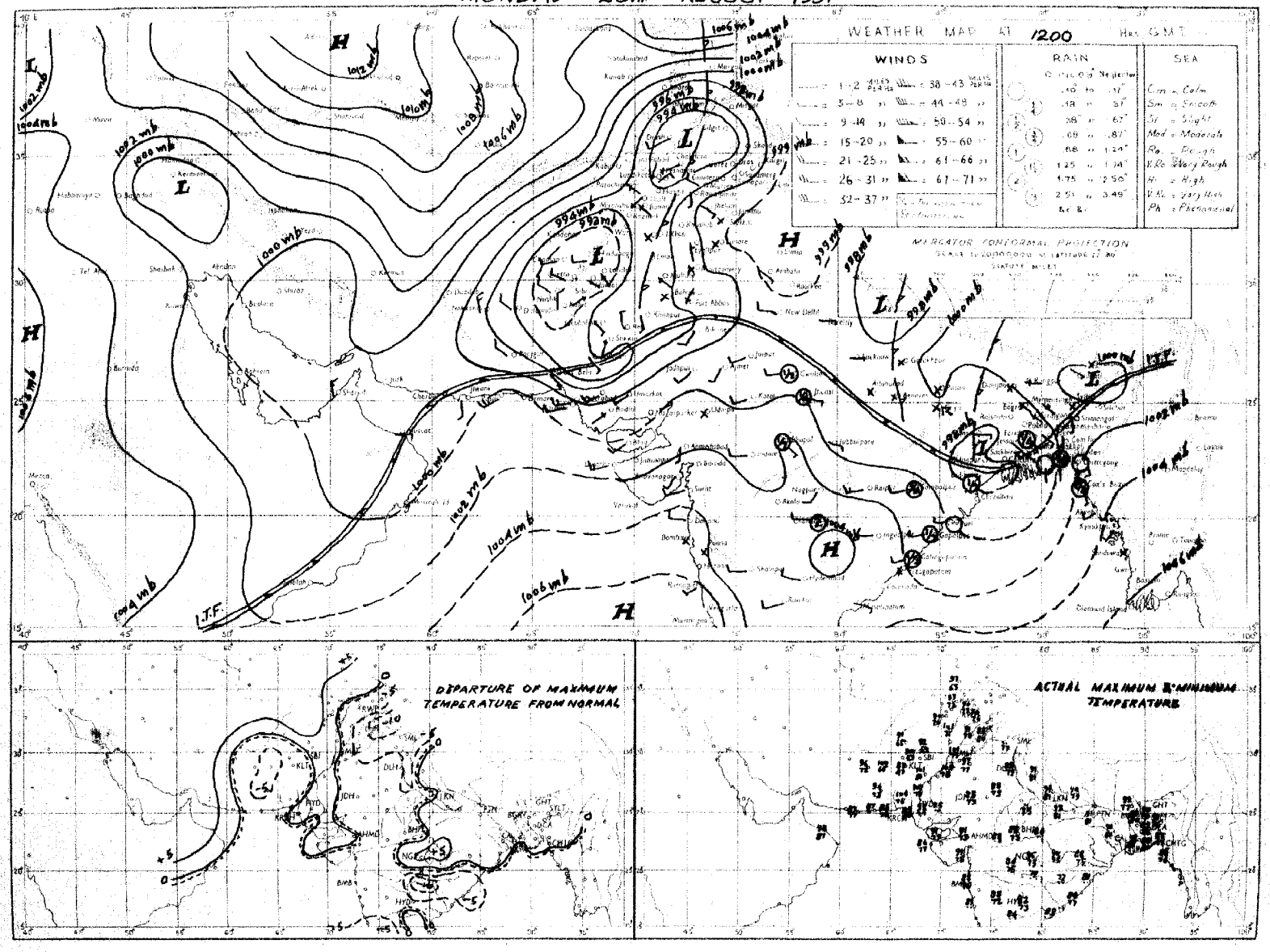
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

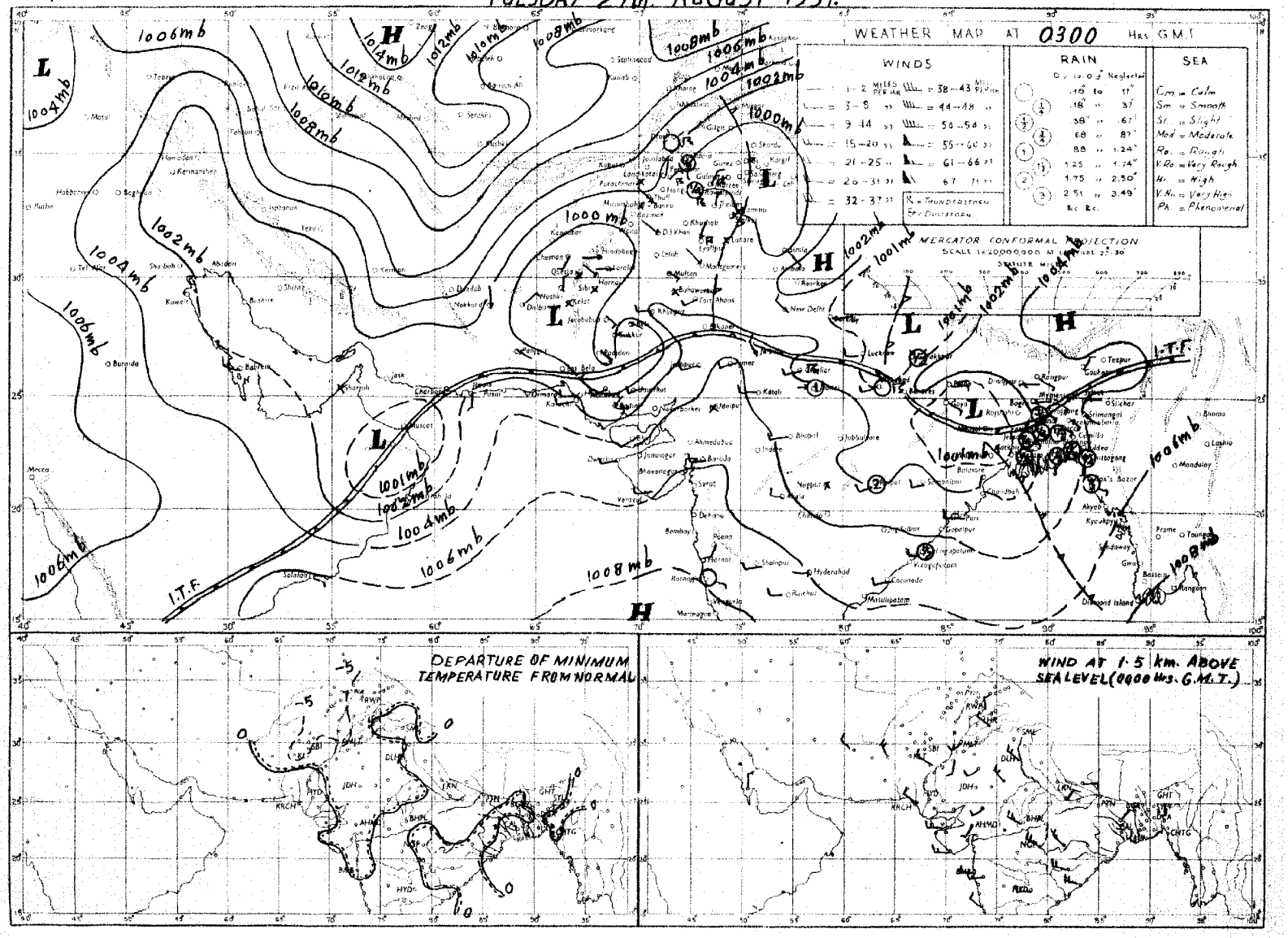
MONDAY 26th AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 27th AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

WEDNESDAY, THE 28th AUGUST, 1957.

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

Yesterday's low over West Bengal and neighbourhood persists.

Rainfall has been widespread in Dacca division, fairly widespread in Chittagong division and local in Rajshahi division.

Scattered thunderstorm/showers are reported from Lahore and Peshawar divisions.

Chief amounts of rainfall are:—Chittagong 3"; Maijdee Court, Dacca and Bogra 1½" each; Cox's Bazar 1"; Narayanganj and Barisal ¾" each; Comilla ½" and Sylhet, Mymensingh, Faridpur, Sirajganj, Dinajpur and Drosh ¼" each.

Day temperatures were 3-5°F below normal in Bahawalpur, Khairpur and Multan divisions and were 5 8°F so in north Kalat division.

Forecast valid until the evening of 29th:—Fairly widespread rain will fall in East Pakistan. A few thunderstorms/showers are expected in Peshawar division and Kashmir.

Karachi-11,
The 28th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATION (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	029	9	6	16	05	96	16	6	026	82	5	5	6	2	9	78	85
	Chittagong	064	8	8	20	09	96	21	6	015	79	8	6	4	×	×	78	81
	Maijdee Court	060	8	8	00	00	96	01	2	997	83	2	3	5	3	×	79	84
	Comilla	030	2	8	18	05	97	50	6	005	80	8	4	4	×	×	78	84
	Brahmanbaria	000	0	4	18	02	97	03	2	005	82	4	5	3	0	0	76	87
	Sylhet	008	2	7	00	00	96	21	6	010	81	5	4	5	8	0	77	89
	Srimangal	005	4	6	13	02	97	03	6	007	83	4	8	6	0	4	77	87
Dacca	Mymensingh	020	2	6	00	00	97	02	6	001	85	6	4	4	0	0	76	89
	Narayanganj	000	9	8	16	07	95	03	1	991	85	6	7	4	0	8	78	90
	Dacca (Tezgaon)	011	8	7	13	05	98	21	6	989	83	3	8	4	2	1	76	86
	Faridpur	002	4	8	16	05	96	02	6	991	84	4	4	7	1	×	78	87
	Barisal	000	4	8	18	01	95	03	5	994	85	6	7	9	6	0	79	87
Rajshahi	Khulna	012	4	8	00	00	97	01	5	992	83	8	5	7	×	×	80	88
	Satkhira	017	0	6	00	00	97	03	2	987	85	4	5	7	9	0	81	85
	Jessore	000	0	6	18	03	97	02	2	987	88	6	8	6	0	0	81	89
	Sirajganj	090	0	7	13	02	96	00	0	979	85	6	4	4	0	0	79	88
	Bogra	020	4	4	09	02	96	02	6	984	81	4	4	6	0	0	81	89
	Dinajpur	000	2	5	00	00	96	02	2	989	87	5	0	9	2	0	79	92
	Rangpur	000	0	7	11	02	96	03	1	×××	86	7	5	6	0	0	79	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	011	8	1	27	03	97	03	9	983	92	1	2	7	0	0	76	92
	Sialkot	000	0	0	31	02	98	00	0	976	91	0	0	9	0	0	78	93
Rawalpindi	Jhelum	000	0	0	00	00	99	02	0	976	91	0	0	9	0	0	75	94
	Rawalpindi	000	0	2	00	00	99	03	0	964	93	2	2	7	0	0	59	93
	Khushab																	
Multan	Lyallpur	000	0	3	00	00	96	01	0	984	94	3	0	9	3	0	79	95
	Montgomery	000	0	3	13	02	98	01	1	985	94	3	5	8	0	0	80	95
	Multan	000	0	1	13	02	96	01	6	979	97	0	0	9	0	1	88	01
Bahawalpur	Leiah																	
	Khanpur	000	0	0	18	03	96	00	0	990	98	0	0	9	0	0	66	99
	Bahawalpur	000	0	0	00	30	97	00	0	972	96	0	0	9	0	0	77	98
	Fort Abbas	000	0	0	23	02	97	00	0	990	96	0	0	9	0	0	61	99
Peshawar	Chakdara	000	0	3	××	××	98	01	2	942	93	1	2	7	1	0	66	95
	Peshawar	000	0	5	36	05	97	03	1	965	94	4	9	6	3	0	71	98
	Haripur	000	5	1	36	02	98	01	2	958	95	0	0	9	0	3	61	96
	Campbellpur	000	0	2	18	05	98	03	1	968	97	2	2	6	0	0	60	97
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	973	88	0	0	9	0	0	81	91
	D.I. Khan	000	0	0	00	00	98	00	0	945	94	0	0	9	0	0	67	95
Quetta	Sibi	000	0	0	23	01	98	00	0	967	02	0	0	9	0	0	73	03
Kalat	Nokkundi	000	0	0	34	05	98	00	0	989	94	0	0	9	0	0	48	95
	Turbat	000	0	0	31	02	97	00	0	992	93	0	0	9	0	0	80	12
	Jiwani	000	0	0	23	10	97	02	0	999	84	0	0	9	0	0	78	89
	Pasni	*000	0	0	23	08	94	07	0	007	85	0	0	9	0	0	76	89
	Ormara	000	0	0	××	××	96	02	0	008	85	0	0	9	0	0	81	86
	Las Bela	000	0	0	13	04	99	10	7	999	97	0	0	9	0	0	74	04
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	10	97	01	2	995	86	4	6	4	0	0	81	86
	Karachi (Air port)	000	0	4	18	10	97	03	1	998	85	4	5	5	0	0	79	89
	Badin	000	0	0	23	02	97	00	0	003	90	0	0	9	0	0	76	93
	Nagarparker	×××	×	0	00	00	98	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	03	97	00	0	981	95	0	0	9	0	0	69	96
	Hyderabad	000	0	0	23	07	97	02	0	985	93	0	0	9	0	0	71	00
Khairpur	Pad-i-dan	000	0	0	05	02	98	02	0	971	00	0	0	9	0	0	66	01
	Nawabshah	000	0	0	12	02	97	02	0	978	01	0	0	9	0	0	69	03
	Sukkur	000	0	0	36	03	96	00	0	972	96	0	0	9	0	0	73	97
	Kashmore	000	0	0	05	02	99	00	0	976	89	0	0	9	0	0	78	01
	Jacobabad	000	0	0	13	09	96	02	0	981	94	0	0	9	0	0	72	97
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	007	93	0	0	9	0	0	79	00
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar #																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardo *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	6	09	03	97	02	1	424	70	6	3	3	0	0	62	74
Peshawar	Drosh *	002	3	7	05	07	96	17	9	434	74	7	9	6	0	0	44	90
	Cherat *	000	6	0	18	03	98	00	0	430	86	0	0	9	0	0	59	87
	Kakul *	000	7	1	29	03	98	01	1	431	82	1	2	7	0	0	64	84
	Landi Kotal *	000	3	7	02	02	97	03	9	418	81	7	0	9	7	0	47	89
D. I. Khan	Parachinar *	000	0	0	13	02	99	00	0	796	67	0	0	9	0	0	55	××
	Miranshah *	000	0	0	11	02	99	00	0	465	84	0	0	9	0	0	81	88
	Wana *	000	0	0	13	01	99	00	0	410	84	0	0	9	0	0	52	87
Quetta	Fort Sandeman *	000	0	6	13	05	96	03	1	415	89	6	7	6	0	0	71	99
	Hindubagh *	000	0	0	27	05	97	00	0	401	87	0	0	9	0	0	47	89
	Loralai *	000	0	4	13	05	98	02	1	446	87	4	0	9	3	0	41	90
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	25	03	95	06	0	401	86	1	7	8	0	0	65	89
Kalat	Chaman *	000	0	0	25	03	98	00	0	453	88	0	0	9	0	0	69	90
	Kalat *	000	0	0	31	07	98	00	0	421	79	0	0	9	0	0	27	82
	Nushki *	000	0	0	36	09	96	00	0	488	95	0	0	9	0	0	50	96
	Dalbandin *	000	0	0	18	03	95	05	0	440	94	0	0	9	0	0	48	96
	Panjgur *	000	0	0	31	07	98	00	0	451	91	0	0	9	0	0	15	92
Afghanistan	Kabul *	000	0	5	09	02	97	03	1	457	75	5	3	9	0	0	50	83
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS (1)	STATION (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1957 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	107	9	5	13	03	95	60	6	040	79	5	4	6	5	0	78	77	- 1	+ 1	96.7	+ 4.5	107.6	140
	Chittagong	287	0	3	13	09	97	01	1	038	83	2	4	7	1	0	77	76	- 5	0	59.6	- 3.7	67.1	108
	Maijdee Court	160	6	8	13	02	96	02	2	031	80	4	5	5	2	×	77	76	- 1	- 2	48.7	- 17.9	57.0	115
	Comilla	052	9	7	18	02	97	01	6	034	80	5	2	5	8	0	76	76	- 4	- 1	34.1	- 16.3	46.0	94
	Brahmanbaria	003	2	6	18	05	97	03	6	031	82	6	5	3	0	0	76	78	—	—	33.1	- 4.7	50.8	78
	Sylhet	023	9	8	09	02	96	02	6	041	81	6	5	6	2	×	78	77	—	—	61.3	—	111.9	..
	Srimangal	007	5	8	13	02	97	02	6	037	80	8	5	6	×	×	76	77	- 3	+ 1	50.1	+ 4.4	76.7	98
Dacca	Mymensingh	020	0	6	13	02	98	02	2	032	83	6	4	4	0	0	79	79	+ 2	+ 1	42.8	- 5.0	56.8	91
	Narayanganj	077	5	8	11	05	95	03	6	029	84	7	4	4	3	×	78	76	+ 2	- 3	39.6	+ 2.3	58.0	74
	Dacca (Tezgaon)	133	4	7	13	03	97	21	9	020	84	5	4	4	3	1	79	77	—	—	23.8	—	57.8	..
	Faridpur	028	9	8	16	02	95	50	5	020	83	8	7	6	×	×	80	78	0	0	35.1	- 1.3	47.2	71
	Barisal	075	9	6	00	00	95	03	6	025	85	6	7	9	0	0	82	79	0	+ 1	33.7	- 11.2	50.7	81
Rajshahi	Khulna	012	0	8	00	00	97	03	2	024	83	8	5	6	×	×	79	81	0	+ 3	37.2	- 7.2	40.3	68
	Satkhira	017	1	6	00	00	98	03	1	015	86	4	5	8	9	0	80	79	- 4	+ 1	27.6	- 8.7	43.4	65
	Jessore	000	0	8	18	05	97	03	2	014	85	6	4	6	6	×	81	80	—	—	34.3	- 0.3	37.6	65
	Sirajganj	035	5	8	00	00	96	02	5	011	80	8	7	5	×	×	77	78	+ 1	- 1	49.2	+ 14.9	60.2	64
	Bogra	160	7	6	13	02	97	02	9	020	83	6	6	6	0	0	80	78	+ 1	0	49.5	+ 11.8	15.69	69
	Dinajpur	020	2	8	00	00	96	02	2	026	86	8	4	6	×	×	79	74	+ 3	- 4	37.7	- 2.8	41.0	72
	Rangpur	002	2	7	09	02	96	01	5	×××	83	7	5	6	0	0	79	80	+ 1	+ 3	38.2	- 7.9	41.5	84
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.)	011	2	0	00	00	96	01	1	001	83	0	0	9	0	0	79	80	- 5	+ 3	16.3	+ 4.4	35.0	19
	Sialkot	000	0	0	00	03	98	00	0	993	86	0	0	9	0	0	77	79	- 1		21.7	+ 2.4	44.9	40
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	001	84	0	0	9	0	0	77	78	—	—	16.6	—	22.2	
	Rawalpindi	000	0	0	00	00	99	00	1	010	80	0	0	9	0	0	69	69	0	- 5	13.4	- 5.5	23.3	36
	Khushab																							15
Multan	Lyallpur	090	0	0	27	02	96	00	0	999	81	0	0	9	0	0	73	80	- 2	+ 1	10.1	+ 2.7	16.2	12
	Montgomery	000	0	0	13	02	98	00	0	000	82	0	0	9	0	0	74	77	- 5	- 3	6.4	+ 0.3	10.2	10
	Multan	000	0	0	18	02	96	00	0	998	83	0	0	9	0	0	71	76	+ 3	- 6	0.7	- 3.6	4.1	7
Bahawalpur	Leiah																							8
	Khanpur	000	0	0	21	03	96	00	0	013	84	0	0	9	0	0	75	80	- 4	+ 1	0.2	- 4.3	1.2	6
	Bahawalpur	000	0	0	00	00	97	00	0	001	83	0	0	9	0	0	77	77	- 3	- 1	1.3	- 2.7	2.5	6
	Fort Abbas	000	0	0	23	03	97	00	0	996	88	0	0	9	0	0	77	78	—		—	—	—	8
Peshawar	Chakdara	000	0	4	×9	××	97	01	1	006	72	0	0	9	0	0	58	57	—	—	2.7	—	17.5	14
	Peshawar																		+ 1					
	Haripur	000	3	7	23	02	97	03	0	997	79	7	1	6	0	0	72	72	—	—	5.5	—	19.6	..
	Campbellpur	000	0	5	00	00	96	03	1	009	82	5	5	6	0	0	69	78	—	—	4.8	—	20.2	..
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	001	82	0	0	9	0	0	73	74	—	—	2.3	—	9.4	11
	D.I. Khan	000	2	2	00	00	97	01	1	954	83	0	0	9	0	3	74	75	- 5	- 5	2.3	- 2.4	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	982	86	0	0	9	0	0	73	86	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	25	02	99	02	0	034	80	0	0	9	0	0	35	73	—	—	0	—	1.3	2
	Turbat	000	0	0	05	02	98	00	0	006	××	0	0	9	0	0	××	××	—	—	2.5	—	5.9	..
	Jiwani	009	0	0	16	02	97	02	0	024	79	0	0	9	0	0	75	79	—	—	0	—	1.1	4
	Pasni	000	0	5	31	09	94	41	0	028	77	5	5	7	0	0	75	74	+ 1	- 1	0	- 0.9	6.2	6
	Ormara	000	0	7	××	××	98	02	×	037	79	7	4	5	0	0	76	76	—	—	0	- 0.8	3.8	6
	Las Bela	000	0	0	00	02	99	00	0	026	87	0	0	9	0	0	76	80	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	27	07	96	03	1	019	83	4	0	9	5	0	74	79	+ 3	+ 1	0.6	- 4.8	1.1	8
	Karachi (Air port)	000	0	3	27	03	96	03	0	019	81	3	6	5	0	0	75	78	—	—	0.9	—	1.4	..
	Badin	000	0	0	23	02	96	00	0	032	81	0	0	9	0	0	74	××	0	+	3.6	- 2.3	3.6	9
	Nagarparker	000	0	0	00	00	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	—	—	—	..
	Umarkot																		—	—				..
	Hyderabad	000	0	0	23	09	97	02	0	006	80	0	0	9	0	0	73	78	+ 4	0	0.9	- 4.4	2.8	7
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	997	82	0	0	9	0	0	73	78	—	—	0.1	—	1.4	..
	Nawabshah	000	0	0	18	03	97	02	0	004	83	0	0	9	0	0	73	78	—	—	0.1	—	0.6	..
	Sukkur	000	0	0	00	00	96	00	0	998	82	0	0	9	0	0	74	78	—	—	0.1	—	2.9	4
	Kashmore	000	0	0	18	01	99	00	0	997	83	0	0	9	0	0	75	××	—	—	—	—	—	..
	Jacobabad	000	0	0	00	00	96	02	0	009	83	0	0	9	0	0	76	80	- 6	- 1	0	- 2.1	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	0	0	00	00	99	00	0	017	88	0	0	9	0	0	84	87	+ 10	+ 4	0	- 0.1	4.9	4
	Kuwait																							..
	HILL STATIONS																							
Kashmir	Srinagar #																							36
	Gulmarg **																							..
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardo *																							6
	Misgar **																							..
	Aliabad *																							..
	Gilgit *																							5
Rawalpindi	Murree *	000	9	2	27	03	98	01	1	445	60	2	1	4	0	0	48	57	+ 4	0	21.3	- 8.0	55.2	59
Peshawar	Drosh *	018	9	6	00	00	96	29	9	468	71	6	5	6	0	0	××	60	- 3	- 10	1.9	—	14.0	18
	Cherat *	000	3	2	36	05	97	02	0	437	71	2	2	6	0	0	59	69	+ 2	0	3.9	- 5.5	24.6	29
	Kakul *	000	2	6	27	03	97	03	1	445	75	6	3	7	0	0	61	64	—	—	12.3	—	39.8	..
	Landi Kotal *	000	9	4	33	02	97	03	9	435	76	4	0	9	5	0	63	70	—	—	0.9	—	15.1	..
D. I. Khan	Parachinar *	000	0	0	03	00	99	00	0	793	64	0	0	9	0	0	60	××	—	—	6.7	—	23.8	29
	Miranshah *	000	0	0	00	00	99	00	0	482	77	0	0	9	0	0	73	71	—	—	2.5	- 1.1	14.8	13
	Wana *	000	0	0	00	00	98	00	0	419	70	0	0	9	0	0	56	63	—	—	—	—	—	
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	435	75	0	0	9	0	0	57	65	+ 4	- 6	2.4	- 2.1	12.9	11
	Hindubagh *	000	0	0	27	05	97	00	0	436	79	0	0	9	0	0	42	57	—	—	0	—	12.3	..
	Loralai *	000	0	0	31	02	98	00	0	438	65	0	0	9	0	0	36	60	—	—	1.9	—	10.7	..
	Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	- 4.3	14.3	14
	Quetta *	000	0	0	00	00	94	06	0	437	61	0	0	9	0	0	51	51	—	—	0	- 1.0	9.5	9
Kalat	Chaman *	000	0	0	20	03	97	00	0	451	71	0	0	9	0	0	57	62	- 5	- 6	0	- 0.1	10.2	8
	Kalat *	000	0	0	00	00	98	00	0	453	63	0	0	9	0	0	29	46	- 2	- 8	0	- 0.1	8.4	7
	Nushki *	000	0	0	05	05	97	00	0	500	75	0	0	9	0	0	37	72	—	—	0	—	8.0	..
	Dalbandin *	000	0	0	23	03	96	02	0	435	71	0	0	9	0	0	41	65	- 9	- 4	0	- 0.3	4.4	4
	Panjgur *	000	0	0	36	02	98	00	0	450	76	0	0	9	0	0	33	65	- 8	- 6	0	—	4.2	5
Afghanistan	Kabul *	000	0	3	00	00	98	03	1	511	57	3	2	9	0	0	55	52	—	—	—	—	—	12
	Kandahar *																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day.

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 28th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Taglius	33 235	602 00	0 23 09	99 02 0	003 79	00 9 00	7 5 604	..	0 56 76	1 23 22
Silver Brook	38 233	605 00	0 23 05	98 02 0	xxx 81	00 9 00		..	..	
Daressa	33 247	669 05	4 20 05	98 02 0	023 82	31 6 10	2 5 400	..	0 00 77	1 19 2x
Taglius	33 243	591 06	0 09 01	99 02 0	028 92	00 9 00	7 5 210	..	0 01 81	1 49 x0
Isocradia	33 253	575 06	1 00 00	98 02 0	942 90	00 9 01	7 6 400	..	0 00 82	1 00 x0
Salatiga	33 246	597 06	0 14 02	98 02 0	030 88	00 9 00	2 5 315	..	0 02 79	1 16 31
Excelsior	33 240	657 06	6 23 18	98 02 2	100 93	62 4 00	1 6 110	..		
Cilicia	33 223	635 06	5 22 18	98 02 1	033 81	57 5 00	5 5 110	..	0 56 74	1 23 x4
Silver Brook	33 242-	588 06	0 00 00	98 02 4	030 90	00 9 00		..	..	..
Empapia	33 182	727 06	2 27 08	98 01 1	066 82	21 4 00	2 6 107	..		
Salatiga	33 243	613 12	0 18 09	98 02 0	001 81	00 9 00	2 5 819	..	0 53 75	1 18 43
Cilicia	33 214	623 12	7 23 18	98 02 2	015 80	77 5 00	5 5 613	..	0 52 14	1 22 x4
Sirrah	33 247	657 12	6 26 12	97 02 2	016 82	60 7 80	6 5 704	..	0 02 81	1 25 32
BAY OF BENGAL										
Shahjahan	32 182	929 00	8 23 10	96 65 6	065 79	83 4 xx	7 4 500	..	0 53 75	1 23 34
Jal-Vijaya	33 184	895 00	6 22 13	97 03 2	040 82	61 6 00	..	..	..	..
Jal-Vijaya	33 194	903 06	5 23 16	97 01 2	039 84	58 7 00		..	..	..
Shahjahan	32 203	923 12	8 22 10	97 16 8	023 84	83 4 xx	7 4 610	..	0 01 79	1 22 23

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface (PPP TTT $T_dT_dT_d$)	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels: HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	998 282 268	..	..	400 182 095	..	044 045 535	284 528 602	710 598 665	408 672 732	851 805	225 038	403 128	..
Lahore														
Multan														
Peshawar														
Quetta	00 00	826 145 055	..	..	..	..	089 122 035	357 060 999	831 999 999	603 559 999	985 590	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels (PPP TTT $T_dT_dT_d$)									Max. Height Reached (PPP TTT TdTdTd)	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	900 185 152	800 152 068	350 735 792	250 912 999	126 165 999	..	.	..	..	126 165 999	..	..
Lahore													
Multan													
Peshawar													
Quetta	00 00	800 142 052	678 098 022	485 000 999	..	..	..	..	..		485 000 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	.0
STATION.	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	15 08	15 15	15 15	..	..	..	..	.	..	14 17	14 13	15 11	15 13	..	..	11 05	11 12	12 13	..	..	..	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chhor	20 12	21 16	22 17	21 12	..	..	..	..	..	22 25	23 27	25 15	30 11	28 07	..	17 17	17 25	17 23	18 21	17 27	18 25	..	..	..	..	..
Chittagong	18 15	20 17		..	..	..	..	..	..	18 14	19 12	22 15	21 16		..	17 12	17 20	18 20	..	..		..	..	..	..	..
Cox's Bazar	20 15	23 25	..			..	..	..	..	No ascent		..	..		..	15 05	16 07	17 07							..	..
Dacca	16 15	19 17	19 19	19 20	19 26	18 24	..	..	..	18 13	18 11	18 11	19 12	20 09	..	..	..	24 04	29 05	30 10	29 12	33 13	31 06	31 06	28 36	26 23
Dalbandin	..	..	19 05	22 10	26 09	34 15	30 15	29 16	28 17	..	..	26 14	25 06	24 06	..	..	..	..	..	..	..	..	..	..	..	..
D. I. Khan	..	..	..				..	..				..	..	..	..	..	..	..	..							
Drosh	..	..	..	03 17	05 07	11 03	..			No ascent						..	..	..	..	35 08	09 07	01 13	07 05	05 03	18 13	..
Fort Sandeman				13 09	17 11	22 13	25 18	28 21	29 28				27 02	34 06	29 16				35 01	31 06	21 05	19 14	22 19	22 22	28 37	29 53
Jacobabad	15 14	13 15	10 13	08 10	08 10	30 10	22 05	29 04	34 09	09 11	10 07	23 04	30 12	29 14	30 15	20 02	10 04	36 05	36 09	36 10	25 04	29 02	28 09	28 10	25 15	23 16
Jessore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jhelum	18 02	27 02	29 03	32 02	29 01	31 06	29 07	25 14	24 23	08 03	25 05	31 07	33 03	33 05	30 06	20 03	27 02	29 02	30 07	31 06	29 06	23 04	20 08	24 23	23 51	..
Jiwani	20 06	19 04	23 05	35 15	35 16	35 29	01 19	35 19	..	19 05	32 06	03 09	08 18	16 03	33 16	07 04	08 09	09 11	09 05	36 04	34 15	01 17	03 15	04 14	..	..
Karachi	25 18	27 12	27 08	13 03	06 02	35 06	..	..		26 21	26 24	26 26				25 10	26 15								..	..
Khanpur	14 04	23 03	12 03	07 08	05 07	02 03	29 10	25 19	25 17	22 34	23 37	24 34	35 05	32 27	06 10	20 10	20 10	20 07	06 06	01 09	05 03	31 09	28 07	24 12	..	..
Lahore	30 06	27 06	25 06	29 06	32 04	24 09	25 09	23 22	23 23	30 06	30 09	30 12	34 11	34 10	30 07	32 04	30 05	31 03	33 04	33 06	35 10	30 06	22 08	24 19		
Multan	04 04	11 06	12 07	12 05	35 02	23 05	28 09	25 17	25 23	20 09	19 07	17 07	28 05	28 08	17 07	14 06	15 08	13 10	11 09	09 04	17 02	17 04	25 11	23 16	24 28	23 44
Muscat	..	..		..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..	..		..	..	..	..	..		..	..							
Peshawar	..	..	..	..			..	..	..	..	..	..	..	..	..	..	06 04	34 04	34 08	35 08	21 03	24 21	23 23	23 22	24 66	24 71
Quetta	..	..	..	..	27 04	22 05	28 15	28 25	29 23	..	..	..	..	29 09	29 16	..	..	..	..	33 05	33 11	24 07	24 01	30 18	27 41	26 38
Sharjah				..	..	..	..	..	..				..	..	..			..	..	..	..	..	..	..	..	..
Sylhet	17 11	17 19	17 22	..	..	..	..	..	..	14 08	16 15	16 15	..	..	..	12 07	14 14	..	..	..	..	..	..	..	..	..
Veraval						..		..	..		..		..				..	..	..	..	..	..	..	..	..	

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	26 15	27 17	29 15	30 15	31 13	03 04	07 10	01 10	05 04	27 04	25 02	16 06	16 05	12 13				
Peshawar																		
Quetta																		

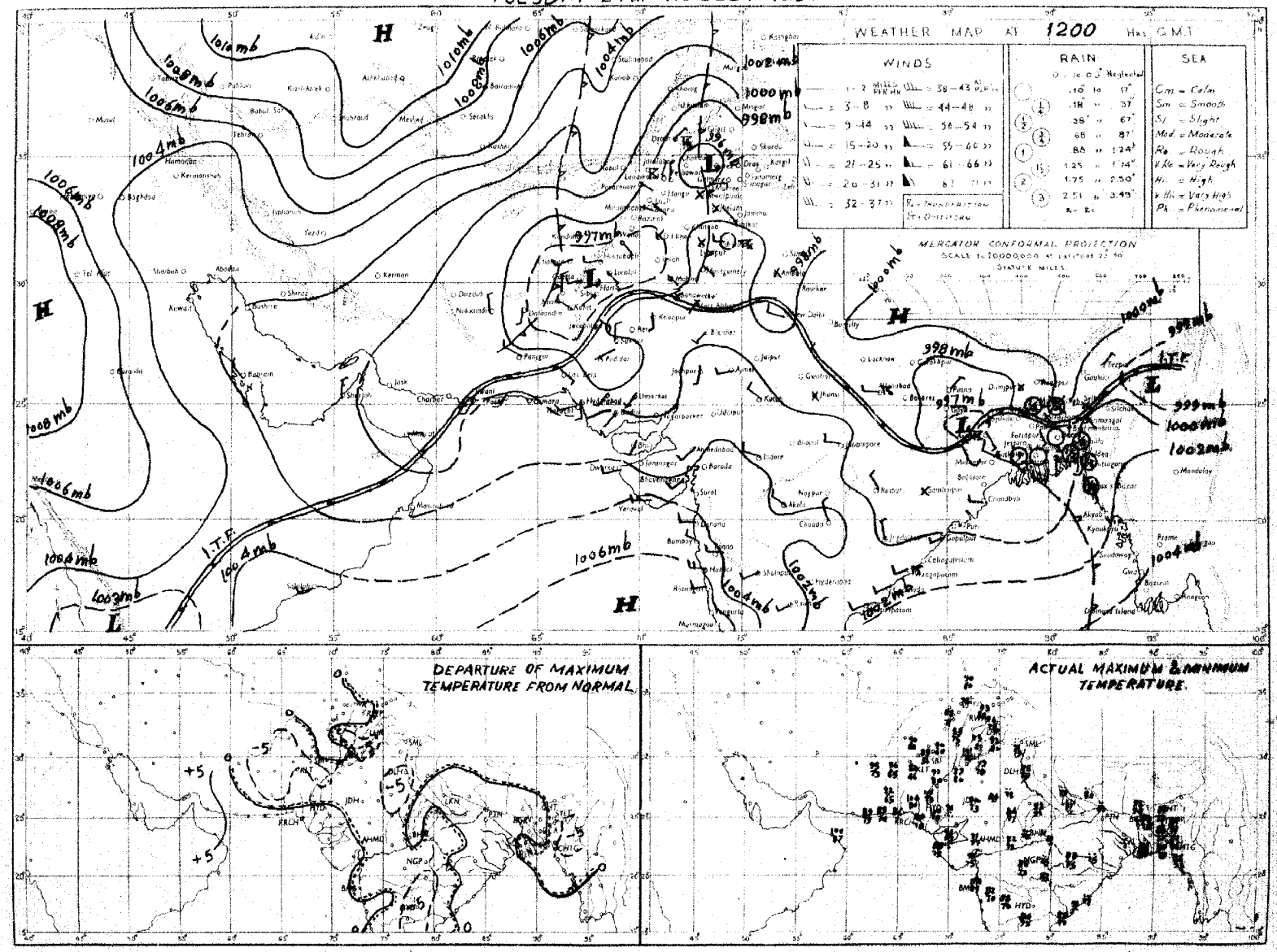
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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-H.

PAKISTAN DAILY WEATHER MAP

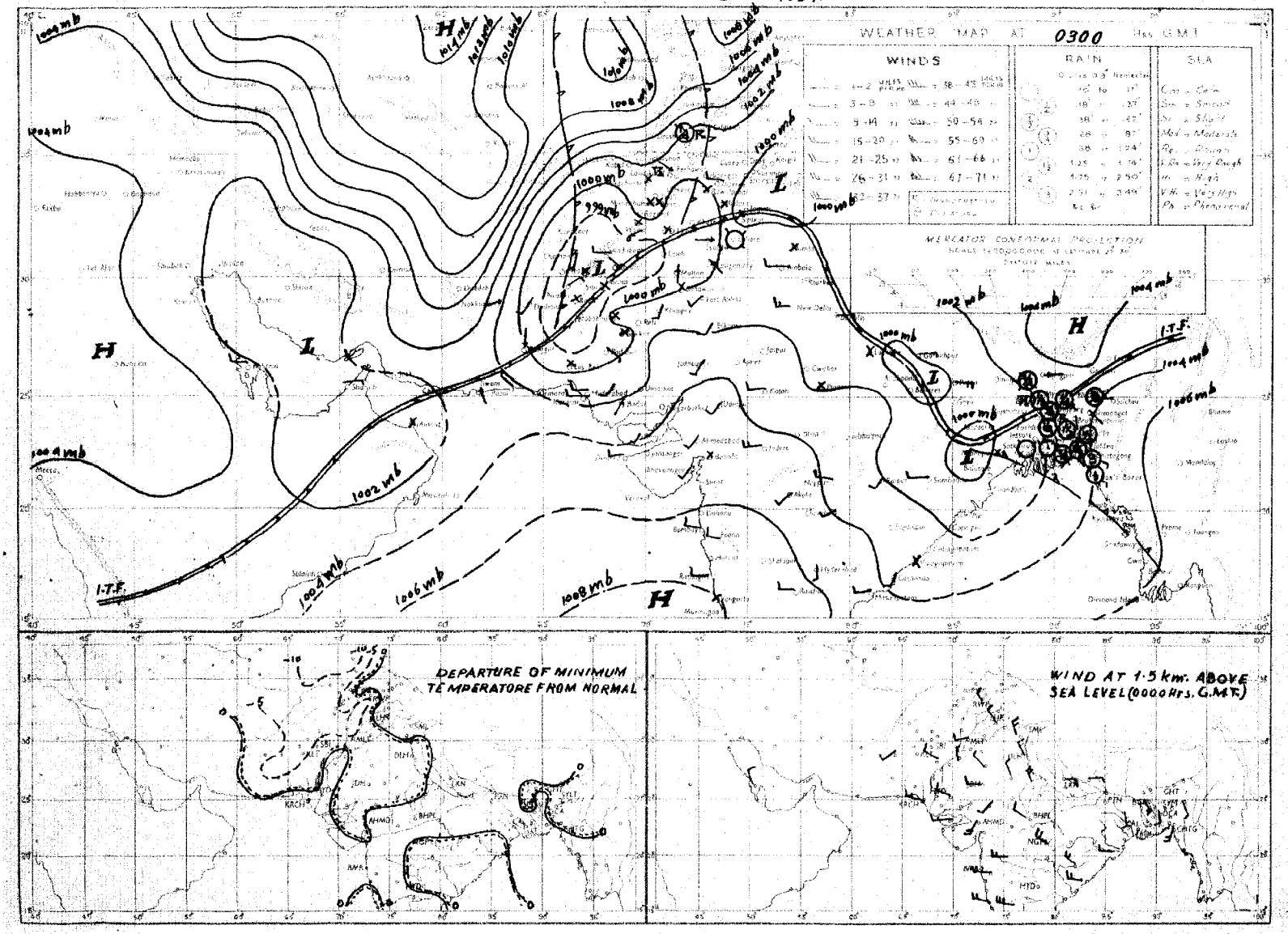
TUESDAY 27th: AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 28th: AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

THURSDAY, THE 29th AUGUST, 1957.

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

Yesterday's low over West Bengal and neighbourhood is more marked. Rainfall has been fairly widespread in Chittagong division, local in Rajshahi division and scattered in Dacca division.

Scattered thunderstorms have also been reported from Multan and Peshawar divisions.

Chief amounts of rainfall are:—Cox's Bazar and Maijdee Court, 1" each; Chittagong ¾"; Brahmanbaria ½" and Barisal and Sirajganj ¼" each.

Day temperatures were 5-8°F below normal in north Kalat division.

Forecast valid until the evening of 30th:—Fairly widespread rain will fall in East Pakistan. A few thunderstorms/showers may occur in Peshawar division and Kashmir.

Karachi-11.
The 29th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	003	9	4	16	05	96	01	6	018	81	1	4	6	0	4	76	85
	Chittagong	000	0	6	18	09	96	02	2	017	80	3	4	6	2	0	75	87
	Maijdee Court	010	8	8	18	02	96	02	2	005	84	2	4	5	2	1	78	87
	Comilla	018	4	6	18	09	98	11	6	013	84	3	2	5	7	1	77	89
	Brahmanbaria	046	2	6	00	00	97	03	6	007	83	2	4	4	2	0	80	88
	Sylhet	000	0	6	00	00	97	01	2	009	85	4	5	6	2	1	79	88
	Srimangal	003	0	8	00	00	96	60	2	017	79	8	5	6	×	×	76	90
Dacca	Mymensingh	000	0	4	73	05	98	02	2	006	85	4	7	4	0	0	78	87
	Narayanganj	000	9	7	13	05	96	03	1	001	85	3	7	4	0	8	77	89
	Dacca (Tezgaon)	000	9	6	13	05	98	03	2	996	83	2	3	4	0	3	77	88
	Faridpur	000	8	4	16	07	96	01	2	992	83	2	4	8	1	0	77	88
	Barisal	008	4	8	13	02	95	03	5	998	83	6	0	9	4	2	77	87
Rajshahi	Khulna	000	0	4	13	03	97	01	2	998	83	4	4	7	0	0	79	90
	Satkhira	000	0	4	00	00	98	01	1	984	83	2	3	8	6	0	79	90
	Jessore	000	3	7	18	03	97	03	5	991	81	5	8	6	6	0	80	90
	Sirajganj	090	0	6	13	04	97	02	0	987	86	2	2	6	0	1	77	89
	Bogra	000	0	0	00	00	96	00	1	994	84	0	0	9	0	0	80	87
	Dinajpur	000	2	4	00	00	96	02	2	006	84	0	0	9	2	0	80	87
	Rangpur	003	6	5	11	02	96	01	5	×××	82	5	5	6	0	0	78	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	989	94	0	0	9	0	0	77	94
	Sialkot	000	2	1	31	03	97	02	1	971	93	1	1	6	0	0	76	94
Rawalpindi	Jhelum	000	7	6	23	05	98	03	1	974	92	4	0	9	7	1	74	95
	Rawalpindi	000	0	3	00	00	96	02	0	983	92	3	2	6	0	0	64	95
	Khushab	000	0	3	11	07	98	03	1	968	92	3	2	6	0	0	76	97
Multan	Lyallpur	000	0	5	16	02	96	02	0	992	93	5	0	9	4	0	76	95
	Montgomery	000	0	0	00	00	98	02	0	989	94	0	0	9	0	0	75	00
	Multan	000	0	0	13	12	96	00	0	983	01	0	0	9	0	0	65	02
Bahawalpur	Leiah																	
	Khanpur	000	0	0	21	02	96	00	0	975	01	0	0	9	0	0	76	02
	Bahawalpur	000	0	0	00	00	97	00	0	970	92	0	0	9	0	0	85	95
	Fort Abbas	000	0	3	23	03	97	03	2	952	87	3	1	6	0	0	80	87
Peshawar	Chakdara	000	0	0	00	00	98	00	1	949	90	0	0	9	0	0	65	95
	Peshawar	000	1	6	27	26	94	30	1	975	94	3	3	6	3	0	54	98
	Haripur	000	0	2	23	02	97	01	1	959	95	2	1	6	0	0	88	96
	Campbellpur	000	0	5	36	03	98	03	1	973	97	1	3	6	6	9	59	97
D. I. Khan	Bannu	000	2	5	00	00	99	03	2	981	92	0	0	9	0	8	74	94
	D.I. Khan	000	6	2	00	00	98	03	0	993	98	0	0	9	0	2	70	99
Quetta	Sibi	000	0	0	00	00	99	00	0	958	09	0	0	9	0	0	63	10
Kalat	Nokkundi	000	0	0	30	05	98	02	0	983	96	0	0	9	0	0	25	98
	Turbat	000	0	0	13	01	97	00	0	005	02	0	0	9	0	0	61	10
	Jiwani	000	0	0	18	13	97	02	0	002	85	0	0	9	0	0	78	89
	Pasni	000	0	0	23	17	94	07	0	014	79	0	0	9	0	0	77	90
	Ormara	000	0	0	××	××	98	00	0	018	84	0	0	9	0	0	80	85
	Las Bela	000	0	0	13	06	97	00	0	013	96	0	0	9	0	0	71	04
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	12	97	02	1	003	86	3	0	9	5	0	77	87
	Karachi (Air port)	000	0	5	23	09	96	02	2	011	85	5	6	5	0	0	78	89
	Badin	000	0	0	23	03	97	00	0	011	90	0	0	9	0	0	71	93
	Nagarparkar	×××	×	0	27	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	03	97	00	0	994	95	0	0	9	0	0	70	97
	Hyderabad	000	0	0	23	10	97	02	0	991	93	0	0	9	0	0	70	98
Khairpur	Pad-i-dan	000	0	1	18	05	98	02	0	977	01	1	1	7	0	0	67	03
	Nawabshah																	
	Sukkur	000	0	0	00	00	96	00	0	972	00	0	0	9	0	0	79	01
	Kashmore	000	0	0	18	01	99	00	0	976	99	0	0	9	0	0	91	××
	Jacobabad	000	0	0	13	09	96	02	0	978	99	0	0	9	0	0	68	01
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	36	02	99	00	0	001	92	0	0	9	0	0	79	96
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	2	00	00	98	01	1	044	60	2	1	7	0	0	35	62
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	4	29	03	98	01	1	429	69	4	3	3	0	0	63	74
Peshawar	Drosh *	003	0	8	09	07	96	95	9	454	70	8	5	6	×	×	31	89
	Cherat *	000	0	3	18	03	97	03	0	440	84	3	0	9	2	0	54	86
	Kakul *	000	7	1	23	02	98	01	1	438	82	1	2	7	0	0	64	84
	Landi-Kotal *	000	3	7	02	02	97	03	9	433	80	7	0	9	5	0	50	87
D. I. Khan	Parachinar *	000	0	0	36	02	96	00	0	793	62	0	0	9	0	0	60	××
	Miranshah *	000	0	0	11	02	99	00	0	469	87	0	0	9	0	0	83	90
	Wana *	000	0	0	00	00	99	00	0	410	81	0	0	9	0	0	57	88
Quetta	Fort Sandeman *	000	0	4	13	05	96	03	1	415	97	4	2	6	0	0	20	98
	Hindubagh *	000	0	0	27	02	98	00	0	407	88	0	0	9	0	0	37	90
	Loralai *	000	0	2	13	05	98	02	1	448	87	2	0	9	3	0	38	89
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	29	05	97	03	0	426	86	1	1	6	0	0	74	87
Kalat	Chaman *	000	0	0	31	03	98	00	0	443	88	0	0	9	0	0	23	90
	Kalat *	000	0	0	34	07	98	00	0	434	82	0	0	9	0	0	30	89
	Nushki *	000	0	0	36	09	96	00	0	497	94	0	0	9	0	0	35	97
	Dalbandin *	000	0	0	00	00	96	02	0	443	94	0	0	9	0	0	31	96
	Panjgur *	000	0	0	31	03	98	00	0	452	91	0	0	9	0	0	22	92
Afghanistan	Kabul *	000	0	4	36	02	98	03	1	502	74	4	4	8	0	0	31	81
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	111	8	8	16	03	95	60	6	049	78	8	4	6	×	×	77	76	− 1	0	97.8	+ 4.8	108.7	140
Chittagong	081	2	7	××	××	97	02	6	046	80	5	4	5	1	0	76	77	+ 1	+ 1	60.4	− 3.4	67.9	108
Maijdee Court	115	3	8	00	00	95	51	6	040	78	2	1	5	2	×	77	77	+ 2	− 1	49.8	− 17.4	58.1	115
Comilla	010	9	5	18	05	97	01	6	038	83	2	4	6	8	9	77	77	+ 1	0	34.2	− 16.7	46.1	94
Brahmanbaria	046	0	5	18	03	97	03	2	043	87	5	5	3	4	0	76	78	—	—	33.5	− 4.5	51.5	78
Sylhet	000	0	7	00	00	97	02	1	045	83	5	4	6	2	0	77	79	—	—	61.3	—	111.9	..
Srimangal	006	9	5	18	02	97	02	6	046	82	4	1	7	3	0	76	76	0	0	50.1	+ 4.0	76.7	98
Mymensingh	000	0	4	11	05	98	02	1	040	86	4	7	4	0	0	78	80	0	+ 2	42.8	− 5.5	56.8	91
Narayanganj	000	9	3	13	03	95	01	2	037	87	2	4	5	3	0	77	81	+ 1	+ 2	39.6	+ 1.9	55.8	74
Dacca (Tezgaon)	000	9	6	13	03	98	02	2	030	86	4	4	4	3	1	77	80	—	—	23.8	—	57.8	..
Faridpur	000	9	6	13	02	96	03	0	027	86	4	5	7	1	0	79	78	+ 1	0	35.1	1.9	47.2	71
Barisal	021	9	8	27	02	95	63	5	036	80	8	0	9	4	×	77	79	0	+ 1	33.9	− 11.5	51.0	81
Khulna	010	0	7	00	00	97	03	2	032	83	7	4	6	0	0	79	79	+ 2	+ 1	32.3	− 7.5	40.3	68
Satkhira	000	0	8	00	00	96	03	2	028	83	8	6	6	×	×	79	78	+ 1	0	27.6	− 8.5	43.4	65
Jessore	000	0	7	13	05	97	03	2	028	85	5	8	6	6	0	81	79	—	—	34.3	− 0.6	37.6	65
Sirajganj	028	7	4	00	00	96	03	5	018	85	4	2	5	0	0	78	80	+ 2	+ 1	49.5	+ 14.8	60.5	64
Bogra	016	0	4	09	02	97	01	1	027	86	0	0	8	3	8	79	80	− 1	+ 2	49.7	+ 11.6	15.21	69
Dinajpur	000	2	6	00	00	96	02	2	029	84	0	0	9	2	0	78	76	− 2	− 2	37.7	− 2.2	41.0	72
Rangpur	003	0	3	09	05	96	01	1	×××	86	3	5	6	0	0	77	78	+ 1	+ 1	38.2	− 8.3	41.6	84
Jammu																							..
Lahore (Jail Rd.)	000	0	0	18	02	96	00	0	026	83	0	0	9	0	0	77	80	− 3	+ 3	16.3	+ 4.3	25.0	19
Sialkot	000	0	0	00	00	98	00	0	018	86	0	0	9	0	0	79	80	0	+ 3	21.7	+ 2.1	44.9	32
Jhelum	000	0	0	00	00	97	02	0	025	82	0	0	9	0	0	75	75	—	—	16.6	—	27.3	..
Rawalpindi	000	0	0	00	00	99	00	1	036	78	0	0	9	0	0	65	72	+ 2	− 2	13.6	− 5.7	29.3	36
Khushab	000	0	6	29	03	99	03	1	016	84	6	0	9	3	0	68	77	− 2	− 4	—	—	—	15
Lyallpur	000	9	0	16	02	96	00	9	018	83	0	0	9	0	0	77	79	− 2	0	10.1	+ 2.6	16.2	12
Montgomery	000	0	0	23	02	98	00	0	020	82	0	0	9	0	0	74	77	0	− 3	6.4	+ 0.3	10.2	10
Multan	000	0	0	13	02	96	00	0	020	84	0	0	9	0	0	74	77	+ 4	− 5	0.7	− 3.6	4.1	7
Leiah																							8
Khanpur																		− 1					6
Bahawalpur	000	0	0	00	00	97	00	0	025	87	0	0	9	0	0	78	79	− 6	0	1.3	− 2.7	2.5	6
Fort Abbas	000	0	0	23	03	97	00	0	985	85	0	0	9	0	0	79	77	—	—	2.6	—	5.5	8
Chakdara	000	0	0	××	××	97	00	0	020	75	0	0	9	0	0	53	55	—	—	2.7	—	17.5	..
Peshawar	000	0	0	00	00	98	02	0	016	89	0	0	9	0	0	67	73	+ 1	− 4	1.8	− 1.7	12.9	14
Haripur	000	0	0	23	02	97	00	0	010	84	0	0	9	0	0	64	73	—	—	5.5	—	19.6	..
Campbellpur	000	0	0	00	00	98	00	0	032	78	0	0	9	0	0	61	73	—	—	4.8	—	20.2	..
Bannu	000	0	0	27	02	99	00	0	016	83	0	0	9	0	0	73	75	—	—	2.3	—	9.4	11
D.I. Khan	000	0	0	13	02	97	00	0	007	83	0	0	9	0	0	76	78	− 1	− 2	2.3	− 2.4	7.8	10
Sibi	000	0	0	00	00	99	00	0	017	87	0	0	9	0	0	72	87	—	—	1.1	—	6.2	5
Nokkundi	000	0	0	34	02	99	02	0	039	82	0	0	9	0	0	36	76	—	—	0	—	1.9	2
Turbat	000	0	0	23	01	98	00	1	007	81	0	0	9	0	0	××	××	—	—	2.5	—	5.9	..
Jiwani	000	0	6	16	05	97	03	0	046	77	6	5	5	0	0	79	73	—	—	0	—	3.1	4
Pasni	000	0	6	23	00	95	00	0	064	77	6	5	7	0	0	73	73	+ 2	− 2	0	− 0.9	6.2	6
Ormara	000	0	6	00	00	98	02	1	061	78	6	0	9	2	0	75	75	—	—	0	—	3.8	6
Las Bela	000	0	0	00	02	99	00	0	050	82	0	0	9	0	0	72	77	—	—	1.5	—	2.6	8
Karachi (Manora)	000	0	5	27	05	96	03	2	039	81	5	0	9	5	0	75	78	+ 2	0	0.6	− 4.9	1.1	8
Karachi (Air port)	000	0	6	23	03	96	03	1	041	81	6	6	5	0	0	77	78	—	—	0.9	—	1.4	..
Badin	000	0	0	23	02	96	00	0	046	81	0	0	9	0	0	74	××	0	×	3.6	− 2.4	3.6	9
Nagarparkar	×××	×	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	—	—	—	..
Umarkot	000	0	0	23	01	97	03	0	028	80	0	0	9	0	0	74	76	—	—	4.7	—	4.7	..
Hyderabad	000	0	0	23	09	97	02	0	026	81	0	0	9	0	0	73	78	+ 2	0	0.9	− 4.4	2.8	7
Pad-i-dan	000	0	0	13	05	98	02	0	021	81	0	0	9	0	0	72	77	—	—	0.1	—	1.4	..
Nawabshah	000	0	0	18	05	97	02	0	025	82	0	0	9	0	0	73	77	—	—	0.1	—	0.6	..
Sukkur	000	0	0	31	02	96	00	0	023	82	0	0	9	0	0	73	79	—	—	0.1	—	2.9	4
Kashmore	000	0	0	18	02	99	00	0	×××	85	0	0	9	0	0	75	××	—	—	—	—	—	..
Jacobabad	000	0	0	13	02	97	02	0	028	85	0	0	9	0	0	74	81	− 2	0	0	− 2.1	3.5	4
Veraval																							20
Jalalabad																							..
Muscat	000	0	0	09	02	99	00	0	024	86	0	0	9	0	0	82	86	+ 6	+ 3		− 0.1	6.9	4
Kuwait																							..
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							..
Sonamarg **																							71
Dras **																							28
Leh **																							3
Skardu *																							6
Misgar **																							..
Aliabad *																							..
Gilgit *																							5
Murree *	000	9	0	29	03	98	00	1	468	64	0	0	9	0	0	56	56	+ 4	− 1	21.3	− 8.3	55.2	59
Drosh *	003	0	0	00	00	96	02	0	484	66	0	0	9	0	0	44	58	− 4	− 12	1.9	—	24.0	18
Cherat *	000	0	0	36	05	98	00	0	457	74	0	0	9	0	0	52	71	+ 1	+ 2	3.9	− 3.7	24.6	29
Kakul *	000	1	1	31	02	97	01	0	462	74	1	2	7	0	0	61	68	—	—	12.3	—	39.8	..
Landi-Kotal *	000	0	0	00	00	97	00	9	455	79	0	0	9	0	0	51	61	—	—	0.9	—	15.1	..
Parachinar *	000	0	0	00	00	99	00	0	794	58	0	0	9	0	0	46	××	—	—	6.7	—	25.8	29
Miranshah *	000	0	0	00	00	99	00	0	496	77	0	0	9	0	0	73	73	—	—	2.5	− 1.2	14.8	13
Wana *																		—	—				..
Fort Sandeman *	000	0	0	23	02	96	00	0	466	78	0	0	9	0	0	57	67	+ 3	− 4	2.4	− 2.1	12.9	11
Hindubagh *	000	0	0	00	00	97	00	0	471	68	0	0	9	0	0	44	58	—	—	0	—	12.3	..
Loralai *	000	0	0	23	02	98	00	0	450	67	0	0	9	0	0	39	60	—	—	1.9	—	10.7	..
Harnai *	000	0	0	31	01	98	00	0	×××	—	0	0	9	0	0	××	××	—	—	2.0	− 4.4	14.3	18
Quetta *	000	0	0	00	00	95	00	0	456	67	0	0	9	0	0	50	49	—	—	0	− 1.0	9.5	9
Chaman *	000	0	0	00	00	97	00	0	473	78	0	0	9	0	0	35	65	− 5	− 3	0	− 0.1	10.2	8
Kalat *	000	0	0	00	00	98	00	0	475	62	0	0	9	0	0	27	47	+ 5	− 7	0	− 1.1	8.4	7
Nushki *	000	0	0	36	07	97	00	0	508	74	0	0	9	0	0	36	73	—	—	0	—	8.0	..
Dalbandin *	000	0	0	00	00	96	02	0	446	70	0	0	9	0	0	25	67	− 9	− 2	0	− 0.3	4.4	4
Panjgur *	000	0	0	05	03	98	00	0	455	74	0	0	9	0	0	32	64	− 8	− 7	0	—	4.2	5
Kabul *	000	0	0	00	00	99	00	0	531	57	0	0	9	0	0	44	47	—	—	0	—	—	12
Kandahar *																							..

†Given in Code.

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day.

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 29th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	43 196	598 00	8 24 18	98 02 2	017 76	87 5 xx	5 5 710	..	0 54 72	1 24 x4
Sirrah	43 247	627 00	5 25 11	98 02 2	032 79	42 7 90	6 5 702	..	0 54 73	1 25 23
Sirrah	43 248	611 06	1 18 03	98 01 0	048 81	11 5 00	6 2 505	..	0 54 77	1 20 41
Selatiga	43 248	662 06	4 25 09	97 02 1	034 81	44 4 00	5 5 113	..	0 51 73	1 21 43
Sirrah	43 252	594 12	0 15 03	98 00 0	035 86	00 9 00	6 6 400	..	0 54 82	1 17 31
Cilicia	43 170	562 18	0 23 18	98 02 0	025 76	00 9 00	5 5 318	..	0 51 75	1 23 xx

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Rawal ..														
Karachi ..	00 00	000 262 248	..	..	430 245 065	..	109 098 532	388 042 618	845 002 608	563 650 999	969 775	248 998	430 125	676 225
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	827 152 065	..	..	..	..	100 098 062	365 022 005	813 552 999	540 642 999	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE Sc. HHHH TT	TROPOPAUSE Sc. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Rawal ..													
Karachi ..	00 00	906 212 198	800 188 005	350 708 999	250 885 999	089 225 999	070 155 999	055 088 999	050 075 999	042 058 999	042 058 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	810 165 082	800 162 082	650 048 042	622 042 032	568 000 999	..	..	..		568 000 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT : TdTdTd : Dry Bulb : Dew Point temperatures (in tenth of °C.)
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	*5.4	6.0	7.2	9.0
STATION	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
Bagra ..	10 15	12 15	..	..	..	..	..	..	..	12 17	12 17	12 15	12 15	..	..	11 12	..	..	..	..	..	..	..	..	..	..
Chaklala ..	..	29 04	30 04	30 03	33 02	29 22	..	..	..	..	36 18	12 05	25 03	29 02	29 10	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	22 07	20 04	11 04	34 07	32 04	31 05	31 02	34 04	30 03	23 18	22 18	23 13	13 05	01 06	01 11	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	19 12	20 22	..	..	..	..	..	..	..	18 13	18 18	19 17	19 12	18 13	17 10	16 09	19 07	20 09	..	..	..	..	..	..	..	..
Cox's Bazar ..	18 15	19 15	21 14	23 10	24 14	..	..	..	..	No	ascent					21 08	24 09	26 09	29 12	..	..	..	..	..	..	..
Dacca ..	16 11	17 15	17 17	16 13	15 17	14 17	13 11	10 16	11 13	13 12	13 15	15 15	13 13	15 13	12 15	14 09	14 10	15 10	..	..	..	..	..	..	..	..
Dalbandin ..	..	..	16 02	11 02	36 05	33 11	29 08	30 15	30 27	..	..	26 06	23 02	34 04	..	..	..	08 01	13 04	15 03	23 05	34 11	33 18	32 21	29 18	26 15
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	05 10	03 19	36 13	05 10	06 03	28 03	29 17
Drosh ..	..	..	..	15 12	16 08	18 03	..	..	..	..	..	..	..	01 01	05 05	..	..	..	..	34 03	25 06	30 08	26 10	28 18	26 22	26 41
Fort Sandeman ..	..	..	..	25 02	23 05	26 09	30 12	27 25	28 29	..	..	..	11 01	23 06	30 15	..	..	..	24 03	06 03	13 04	32 08	26 15	27 21	27 19	28 17
Jacobabad ..	15 12	15 09	07 06	35 05	33 04	26 10	23 09	32 13	32 15	18 12	21 12	19 07	11 03	34 04	34 04	20 03	18 01	31 03	01 05							
Jacobabad ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jiwani ..	22 06	23 07	29 06	34 08	32 06	28 11	..	..	..	05 02	32 09	32 09	32 09	31 07	28 05	26 02	26 02	28 06	28 11	27 11	32 12	34 16	32 27	32 28	27 19	26 37
Kalam ..	15 10	16 09	33 03	04 11	02 20	02 19	02 21	02 12	04 12	17 08	25 08	01 14	04 09	07 12	..	15 05	01 06	01 06	36 10	36 15	34 15	04 14	..	..	..	..
Karachi ..	22 16	25 07	25 07	..	..	..	..	..	..	26 14	27 13	30 14	32 05	35 06	35 07	26 14	26 14	28 13	..	..	..	..	..	..	..	..
Khanpur ..	14 04	15 04	14 04	06 03	33 04	34 06	27 12	29 10	23 13	23 18	25 23	27 13	31 04	31 11	06 13	23 11	23 09	09 06	09 03	03 04	11 03	01 11	27 16	26 21	25 25	26 21
Lahore ..	30 07	30 11	29 10	30 05	32 08	03 09	31 07	30 10	28 15	29 05	29 11	30 09	30 04	33 03	36 10	24 06	28 09	30 10	31 05	34 06	34 07	31 08	26 11	26 21	24 31	24 35
Multan ..	25 06	16 04	16 05	11 08	36 03	22 03	29 16	28 24	26 26	21 15	19 08	22 06	27 10	31 02	17 02	20 02	16 03	12 04	14 04	16 03	35 05	23 06	27 11	27 20	27 29	26 37
Mianwali ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	21 42	24 46	23 26	25 17	28 04	17 04	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	30 07	21 03	28 13	28 22	29 28	..	..	..	..	06 20	31 03	..	..	..	..	18 02	18 02	28 03	31 06	28 10	29 14	28 12
Sharjah ..																										
Sylhet ..	33 01	20 14	14 04	19 04	14 06	..	..	..	..	15 03	21 05	..	..	..	..	13 05	18 05	13 03	11 04	09 11	..	..	..	..	..	..
Varavol ..																										

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 23	27 23	30 19	30 13	29 13	04 10	06 10	06 10	06 08	14 03	35 06	34 06	17 19	15 19	15 21	14 14	11 19	08 25
Peshawar ..																		
Quetta ..																		

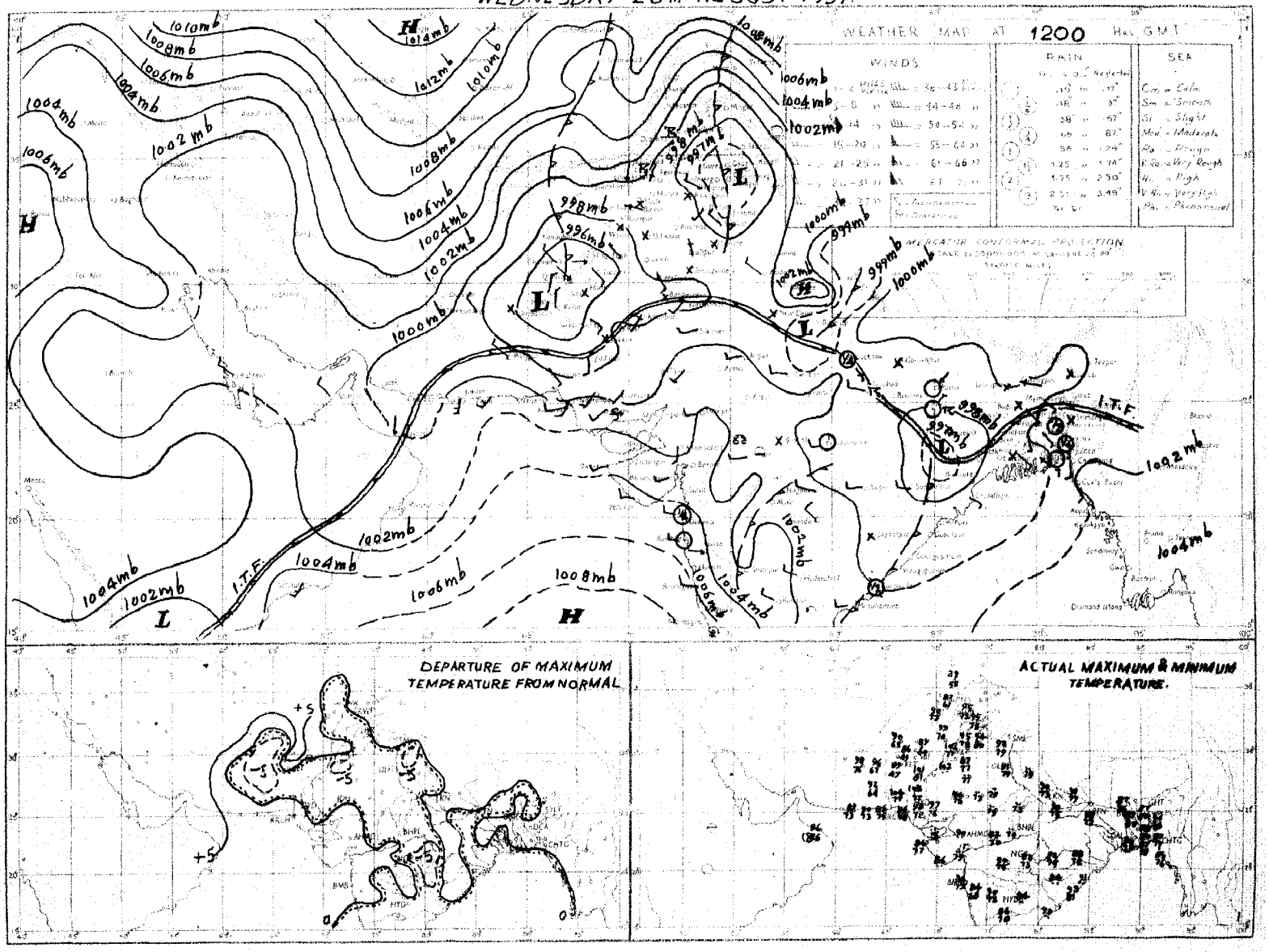
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_Tv_T$ etc)

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.

PAKISTAN DAILY WEATHER MAP

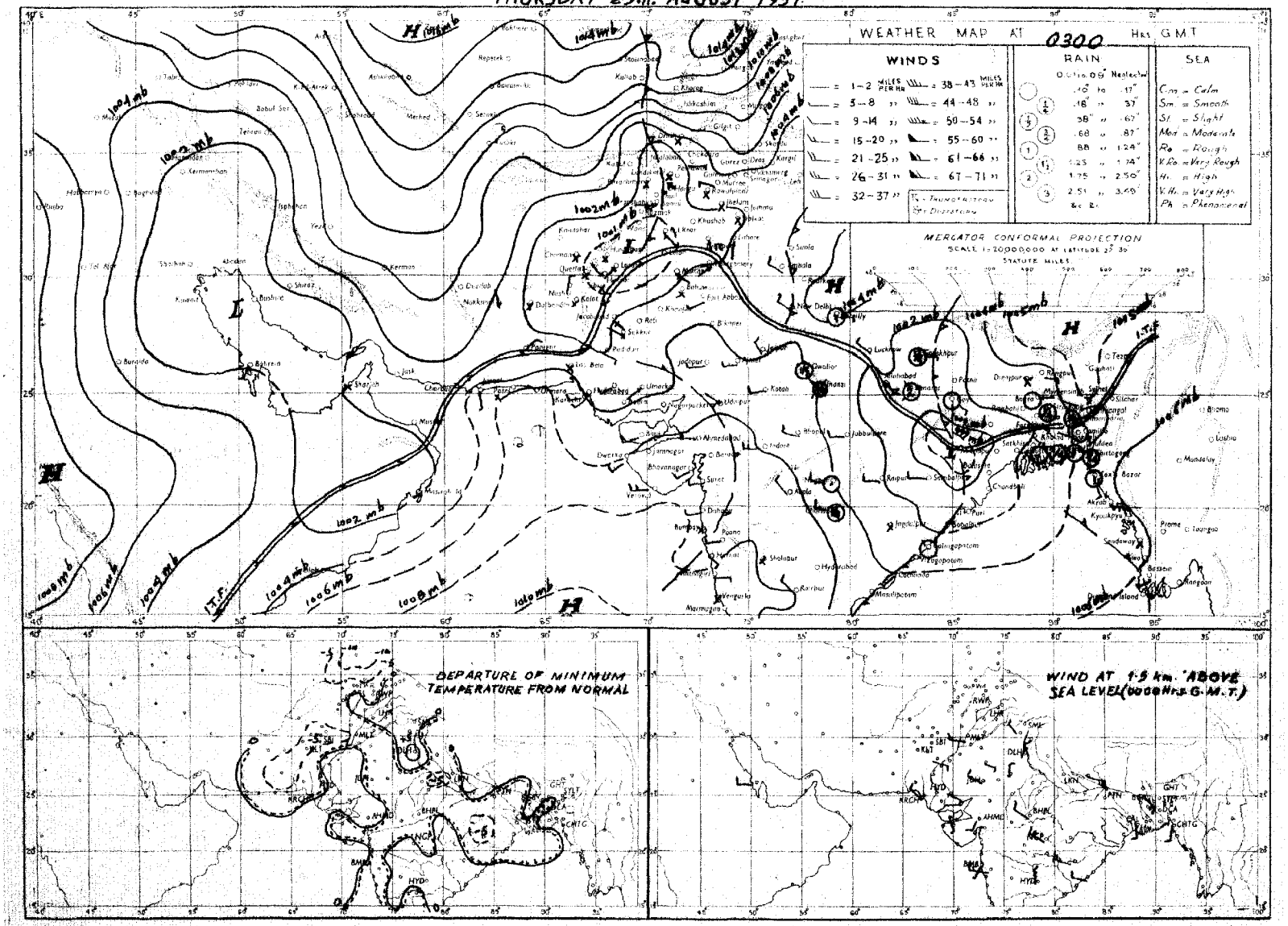
WEDNESDAY 28th: AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 29th: AUGUST 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1967

FRIDAY, THE 30th AUGUST, 1957.

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

The low over West Bengal lies as an elongated trough from northwest Utter Pradesh to the head Bay of Bengal.
Scattered rain/thundershowers have occurred in East Pakistan.

Weather remained dry over West Pakistan except for isolated shower in D. I. Khan division.

Chief amounts of rainfall are:—Mymensingh 1"; Miranshah ½"; Brahmanbaria and Bogra ¼" each.

Day temperatures were 3-5°F below normal in north Kalat division and 3-5°F above normal in the northern parts of Peshawar and Rawalpindi divisions.

Forecast valid until the evening of 31st:—Rainfall will be local in the southern districts and scattered elsewhere over East Pakistan. Weather will be mainly dry over West Pakistan.

Karachi-11.
The 30th August, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS.	STATION	Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	6	16	05	96	03	2	025	81	6	4	6	0	0	75	85
	Chittagong	000	0	6	20	09	96	02	2	013	83	4	4	6	1	0	77	87
	Maijdee Court	000	9	6	00	00	97	02	0	008	85	2	5	5	0	1	77	88
	Comilla	000	0	6	18	02	98	03	0	006	87	4	2	5	6	0	79	90
	Brahmanbaria	031	2	6	00	00	96	95	9	001	81	6	9	3	0	0	80	90
	Sylhet	000	0	5	00	00	96	01	2	998	86	1	5	6	1	8	79	89
	Srimangal	000	0	7	00	00	97	03	1	003	85	5	4	6	0	4	79	90
Dacca	Mymensingh	000	0	6	13	02	98	02	1	003	89	6	7	6	0	0	76	90
	Narayanganj	000	9	7	18	05	95	03	1	999	87	2	4	5	0	8	75	xx
	Dacca (Tezgaon)	000	4	7	16	05	98	03	2	992	85	1	1	5	3	4	77	89
	Faridpur	000	8	6	11	07	96	01	2	993	85	2	4	8	1	0	78	89
	Barisal	000	8	5	13	02	96	01	1	998	85	5	5	6	0	0	78	88
Rajshahi	Khulna	000	0	6	00	00	97	03	1	996	83	4	5	7	3	0	77	91
	Satkhira	012	0	8	00	00	96	03	6	004	80	x	x	x	x	x	78	90
	Jessore	000	0	5	18	03	97	02	2	991	88	4	8	6	6	0	80	90
	Sirajganj	000	0	6	13	02	97	00	0	987	86	3	1	6	9	1	81	90
	Bogra	000	0	6	00	00	96	02	1	988	89	6	4	6	0	0	79	91
	Dinajpur	000	0	0	00	00	96	00	0	014	86	0	0	9	0	0	79	97
	Rangpur	000	0	3	13	02	96	01	1	xxx	89	3	5	6	0	0	85	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	006	95	0	0	9	0	0	77	95
	Sialkot	000	0	0	00	00	98	00	0	998	95	0	0	9	0	0	77	97
Rawalpindi	Jhelum	000	3	1	00	00	97	02	0	995	95	1	2	8	0	0	76	98
	Rawalpindi	000	0	2	00	00	99	02	0	991	95	2	2	6	0	0	62	98
	Khushab	000	0	1	25	03	98	01	1	976	96	1	2	6	0	0	62	99
Multan	Lyallpur	000	0	4	02	02	96	01	0	004	95	0	0	9	0	3	76	98
	Montgomery	000	0	0	00	00	97	00	0	006	97	0	0	9	0	0	83	99
	Multan	000	0	0	13	02	96	00	0	000	99	0	0	9	0	0	73	03
Bahawalpur	Leiah																	
	Khanpur	000	0	0	27	04	96	00	0	013	01	0	0	9	0	0	74	03
	Bahawalpur	000	0	0	00	00	97	00	0	002	00	0	0	9	0	0	81	03
	Fort Abbas	000	0	0	13	02	97	00	0	008	96	0	0	9	0	0	73	97
Peshawar	Chakdara	000	0	0	xx	xx	98	00	0	961	94	0	0	9	0	0	63	98
	Peshawar																	
	Haripur	000	3	1	31	02	98	03	0	987	93	1	2	6	0	0	58	94
	Campbellpur	000	0	2	27	03	98	03	1	988	01	2	3	6	0	0	53	01
D.I. Khan	Bannu	000	0	0	05	02	99	00	0	990	94	0	0	9	0	0	67	95
	D.I. Khan	000	0	0	00	00	98	00	0	007	99	0	0	9	0	0	71	01
Quetta	Sibi	000	0	0	00	00	98	00	0	982	09	0	0	9	0	0	68	10
Kalat	Nokkundi	000	0	0	34	05	99	02	0	990	00	0	0	9	0	0	40	01
	Turbat	000	0	0	23	02	97	00	0	027	92	0	0	9	0	0	61	10
	Jiwani	000	0	2	20	09	97	02	1	031	82	2	5	5	0	0	75	84
	Pasni	000	0	0	20	19	96	00	0	049	85	0	0	9	0	0	73	87
	Ormara	000	0	0	xx	xx	98	00	0	045	85	0	0	9	0	0	81	86
	Las Bela	000	0	0	13	04	98	00	0	018	95	0	0	9	0	0	75	02
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	12	97	01	1	025	86	3	0	9	5	0	81	88
	Karachi (Air port)	000	0	2	23	12	97	02	0	043	85	2	5	6	0	0	78	88
	Badin	000	0	0	18	03	97	00	0	029	90	0	0	9	0	0	69	94
	Nagarparker	xxx	x	0	27	03	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	23	03	97	00	0	021	95	0	0	9	0	0	70	97
	Hyderabad	000	0	2	23	07	97	01	1	018	93	0	0	9	0	1	69	97
Khairpur	Pad-i-dan	000	0	0	18	02	98	02	0	010	00	0	0	9	0	0	64	01
	Nawabshah																	
	Sukkur	000	0	0	00	00	96	00	0	000	02	0	0	9	0	0	73	03
	Kashmore	000	0	0	18	02	99	00	0	982	09	0	0	9	0	0	87	11
	Jacobabad	000	0	0	13	03	97	02	0	008	00	0	0	9	0	0	68	00
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	021	88	0	0	9	0	0	78	91
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	044	57	0	0	9	0	0	27	67
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	2	27	05	98	01	1	450	71	2	3	3	0	0	51	73
Peshawar	Drosh *	000	0	4	00	00	96	03	0	444	91	4	5	7	0	0	27	95
	Cherat *	000	0	0	18	02	97	00	0	462	89	0	0	9	0	0	57	90
	Kakul *	000	7	1	20	03	98	01	0	456	84	1	2	7	0	0	60	86
	Landi Kotal *	000	0	2	02	02	97	02	0	450	91	2	0	9	5	0	82	92
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	794	58	0	0	9	0	0	46	xx
	Miranshah *	067	3	0	00	00	99	02	6	493	86	0	0	9	0	0	83	92
	Wana *	021	3	0	09	01	99	60	0	438	81	0	0	9	0	0	48	90
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	448	93	0	0	9	0	0	33	95
	Hindubagh *	000	0	0	00	00	98	00	0	434	87	0	0	9	0	0	47	90
	Loralai *	000	0	2	23	05	98	02	1	436	87	2	0	9	2	0	38	90
	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	16	02	97	01	0	431	87	1	6	8	0	0	69	88
	Chaman *	000	0	0	29	03	98	00	0	473	91	0	0	9	0	0	47	93
Kalat	Kalat *	000	0	0	31	05	98	00	0	440	83	0	0	9	0	0	30	86
	Nushki *	000	0	0	27	09	96	00	0	501	98	0	0	9	0	0	44	98
	Dalbandin *	000	0	0	23	03	96	02	0	461	99	0	0	9	0	0	41	00
	Panjgur *	000	0	0	00	00	98	00	0	466	94	0	0	9	0	0	21	95
Afghanistan	Kabul *	000	0	3	36	02	99	03	0	509	80	3	2	7	0	0	40	86
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS.	STATION	Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature °F (TnTn)	Departure: Maximum Temperature (TxTx)	Departure: Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 to date	Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	002	9	7	13	05	96	02	6	036	81	7	4	6	1	0	77	76	− 1	0	97.8	+ 2.1	108.7	140
	Chittagong	004	4	6	11	02	97	01	6	026	82	4	4	6	1	0	77	78	+ 1	+ 2	60.5	− 3.9	67.9	108
	Maijdee Court	000	9	4	13	02	98	01	1	013	83	x	0	9	2	2	78	78	+ 3	0	49.8	− 18.0	58.1	115
	Comilla	000	0	4	18	02	98	03	0	022	87	2	2	7	6	9	78	78	+ 2	+ 1	34.2	− 17.7	46.1	94
	Brahmanbaria	031	0	3	13	02	97	03	2	019	85	1	5	3	0	4	78	79	—	—	33.8	− 4.4	51.8	78
	Sylhet	000	5	7	00	00	97	02	9	017	85	5	5	6	0	8	79	79	—	—	61.3	—	111.9	
	Srimangal																		0	—				90
Dacca	Mymensingh	089	9	4	09	02	98	02	6	027	82	2	1	5	0	4	79	78	+ 3	0	43.7	− 5.6	57.7	91
	Narayanganj	005	9	6	11	02	96	03	6	022	86	5	4	4	3	0	78	81	x	+ 2	39.7	+ 1.4	55.8	74
	Dacca (Tezgaon)	000	9	6	09	03	98	02	1	016	86	5	8	5	0	9	78	78	—	—	23.8	—	57.8	
	Faridpur	000	9	5	13	02	96	03	0	025	88	3	5	8	1	0	78	78	+ 2	0	35.1	2.2	47.2	71
	Barisal	000	0	2	00	00	96	02	0	015	87	8	0	9	0	2	79	80	+ 1	+ 2	33.9	− 11.9	51.0	81
Rajshahi	Khulna	000	0	8	00	00	97	01	2	020	87	8	4	7	x	x	80	81	+ 3	+ 3	32.3	− 8.0	40.3	68
	Satkhira	012	0	6	00	00	99	03	1	015	87	4	5	9	9	0	79	79	+ 1	+ 1	27.7	− 10.2	43.5	65
	Jessore	000	0	7	13	05	97	03	2	014	84	5	4	6	6	0	80	79	—	—	34.3	− 1.2	37.6	[illegible]
	Sirajganj	000	0	4	09	02	98	00	0	010	86	3	1	6	0	1	79	80	+ 3	+ 1	49.5	+ 14.5	60.5	64
	Bogra	022	9	4	09	02	97	01	9	014	85	4	4	6	0	0	79	80	+ 3	+ 2	49.9	+ 11.4	57.2	[illegible]
	Dinajpur	000	0	0	00	00	96	00	0	021	86	0	0	9	0	0	79	76	+ 8	− 2	37.7	—	41.0	72
	Rangpur	000	0	2	09	02	96	01	1	xxx	87	2	5	6	0	0	79	80	+ 3	+ 3	38.2	− 8.8	41.6	[illegible]
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	018	85	0	0	9	0	0	78	79	− 2	+ 2	16.3	+ 4.2	25.0	19
	Sialkot	000	0	0	05	02	96	00	0	010	85	0	0	9	0	0	76	78	+ 3	+ 1	21.7	+ 1.9	44.9	32
Rawalpindi	Jhelum	000	0	0	27	02	98	02	0	018	83	0	0	9	0	0	68	74	—	—	16.6	—	27.3	
	Rawalpindi	000	0	0	00	00	99	00	1	022	74	0	0	9	0	0	65	70	+ 5	− 4	13.4	− 5.9	29.3	36
	Khushab	000	0	0	07	02	99	00	0	002	88	0	0	9	0	0	76	78	0	− 3	8.2	− 0.6	16.9	15
Multan	Lyallpur	000	0	0	20	02	96	00	0	008	83	0	0	9	0	0	69	79	+ 1	0	10.1	+ 2.5	18.2	11
	Montgomery	000	0	0	23	02	97	00	0	019	83	0	0	9	0	0	76	77	− 1	− 3	6.4	+ 0.2	10.2	10
	Multan	000	0	0	13	02	96	00	0	016	85	0	0	9	0	0	72	79	+ 5	− 3	0.7	− 3.6	4.1	7
Bahawalpur	Leiah																							8
	Khanpur	000	0	0	21	04	98	00	0	030	88	0	0	9	0	0	74	82	0	+ 3	0.2	− 4.4	1.2	6
	Bahawalpur	000	0	0	20	02	97	00	0	020	87	0	0	9	0	0	78	81	+ 2	+ 2	1.3	− 2.7	2.5	[illegible]
	Fort Abbas	000	0	0	23	03	97	00	0	023	96	0	0	9	0	0	71	79	—	—	2.6	—	5.5	[illegible]
Peshawar	Chakdara	000	0	0	13	xx	97	00	0	013	73	0	x	9	x	x	57	54	—	—	2.7	—	17.5	
	Peshawar	000	0	0	05	03	97	02	0	013	81	0	0	9	0	0	58	71	—	− 6	1.8	− 1.8	12.9	14
	Haripur	000	0	0	23	02	97	00	0	005	83	0	0	9	0	0	59	72	—	—	5.5	—	19.6	..
	Campbellpur	000	0	0	36	02	98	00	0	023	79	0	0	9	0	0	63	75	—	—	4.8	—	20.3	..
D.I. Khan	Bannu	000	0	0	18	02	99	00	0	010	85	0	0	9	0	0	70	75	—	—	2.3	—	9.4	11
	D.I. Khan	000	0	0	00	00	98	00	0	999	81	0	0	9	0	0	69	76	+ 1	− 2	2.3	− 2.5	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	022	87	0	0	9	0	0	72	87	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	34	09	99	02	0	044	79	0	0	9	0	0	71	75	—	—	0	—	1.9	2
	Turbat	000	0	0	23	01	98	00	0	041	82	0	0	9	0	0	78	83	—	—	2.5	—	5.9	..
	Jiwani	000	0	5	18	07	97	03	1	067	78	5	6	4	0	0	72	75	—	—	0	—	3.1	4
	Pasni	000	0	6	29	02	96	00	0	065	77	6	5	7	0	0	72	72	− 1	− 3	0	− 0.9	6.3	[illegible]
	Ormara	000	0	8	xx	02	98	03	1	062	79	8	4	4	x	x	76	76	—	—	0	− 0.8	3.8	[illegible]
	Las Bela	000	0	0	00	00	99	00	0	031	81	0	0	9	0	0	61	77	—	—	1.5	—	2.6	[illegible]
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	27	07	96	01	2	057	81	5	0	9	7	0	75	77	+ 3	− 1	0.6	− 4.9	1.1	[illegible]
	Karachi (Air port)	000	0	7	27	09	96	03	2	057	81	7	6	4	0	0	75	78	—	—	0.9	—	1.4	[illegible]
	Badin	000	3	4	23	02	96	20	3	056	80	0	7	9	0	0	73	xx	+ 1	—	3.6	− 2.5	3.6	[illegible]
	Nagarparker	000	0	4	11	02	97	00	2	xxx	xx	4	0	8	4	0	xx	xx	—	—	—	—	—	..
	Umarkot	000	0	0	23	03	97	00	0	048	80	0	0	9	0	0	73	74	—	—	4.7	—	4.7	..
	Hyderabad	000	0	x	2	23	97	03	0	039	80	0	0	9	0	5	72	77	+ 1	− 1	0.9	− 4.4	2.8	7
Khairpur	Pad-i-dan	000	0	2	13	05	98	03	0	028	81	0	0	9	0	1	71	75	—	—	0.1	—	1.4	..
	Nawabshah																							[illegible]
	Sukkur	000	0	0	00	00	96	00	0	028	84	0	0	9	0	0	72	79	—	—	0.1	—	2.9	[illegible]
	Kashmore	000	0	0	23	02	99	00	0	031	85	0	0	9	0	0	73	xx	—	—	—	—	—	..
	Jacobabad	000	0	0	00	00	97	03	0	027	83	0	0	9	0	0	73	79	− 3	− 2	0	− 2.1	3.5	4
Junagarh	Veraval																							30
Afghanistan	Jalalabad																							..
Arabia	Muscat	000	0	0	00	00	99	00	0	042	85	0	0	9	0	0	81	85	+ 1	+ 2	0	− 0.1	6.9	4
	Kuwait																							..
	HILL STATIONS																							
Kashmir	Srinagar *																							38
	Gulmarg **																							71
	Sonamarg **																							24
	Dras **																							3
	Leh **																							6
	Skardu *																							..
	Misgar **	000	0	0	00	00	98	00	0	020	53	0	0	9	0	0	30	40	—	—	—	—	—	..
	Aliabad *																							[illegible]
	Gilgit *																							[illegible]
Rawalpindi	Murree *	000	9	0	27	03	98	00	1	454	65	0	0	9	0	0	45	59	+ 3	+ 2	21.3	− 8.6	55.2	59
Peshawar	Drosh *	000	0	0	00	00	96	02	0	474	70	0	0	9	0	0	38	63	+ 2	− 7	1.9	—	24.0	18
	Cherat *	000	0	0	31	03	97	00	0	458	76	0	0	9	0	0	65	69	+ 5	0	3.9	− 5.8	24.6	29
	Kakul *	000	0	0	31	02	98	02	0	455	74	0	0	9	0	0	58	68	—	—	12.3	—	29.8	..
	Landi Kotal *	000	0	0	00	00	97	00	0	455	80	0	0	9	0	0	68	63	—	—	0.9	—	15.1	29
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	795	71	0	0	9	0	0	49	xx	—	—	6.7	—	25.8	13
	Miranshah *	067	0	0	31	02	99	00	0	489	77	0	0	9	0	0	74	71	—	—	3.1	− 3.5	15.4	..
	Wana *																							11
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	466	75	0	0	9	0	0	53	66	0	− 5	2.4	− 2.2	12.9	..
	Hindubagh *	000	0	0	27	02	98	00	0	472	70	0	0	9	0	0	50	57	—	—	0	—	12.3	..
	Loralai *	000	0	0	31	05	98	00	0	443	67	0	0	9	0	0	44	62	—	—	1.9	—	10.7	14
	Harnai *	000	0	0	31	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	2.0	− 4.5	14.3	9
	Quetta *	000	0	0	16	02	96	00	0	460	64	0	0	9	0	0	58	54	—	—	0	− 1.0	9.5	8
	Chaman *	000	0	0	07	03	97	00	0	476	80	0	0	9	0	0	40	64	− 2		0	− 0.1	10.2	7
Kalat	Kalat *	000	0	0	18	05	98	00	0	484	64	0	0	9	0	0	27	50	+ 2		0	− 1.1	8.4	..
	Nushki *	000	0	0	02	05	97	00	0	511	76	0	0	9	0	0	42	67	—	—	0	—	8.0	4
	Dalbandin *	000	0	0	13	02	96	02	0	448	71	0	0	9	0	0	33	64	− 5		0	− 0.3	4.4	5
	Panjgur *	000	0	0	36	02	98	00	0	465	69	0	0	9	0	0	29	62	− 5	− 9	0	—	4.2	12
Afghanistan	Kabul *	000	0	0	18	00	99	00	0	522	60	0	0	9	0	0	45	48	—	—	—	—	—	..
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 30th AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	$D_s V_s$ a PP	3 N_s C h_sh_s	O T_sT_s T_dT_d	I $d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Escort	53 211	616 06	3 23 15	97 03 2	061 81	33 3 10	7 4 218	..	0 08 81	1 23 33
British Escort	53 219	609 12	3 22 15	96 01 0	038 80	00 9 09	7 4 612	..	0 02 73	1 22 33
Dwarka	53 194	720 12	6 23 08	98 02 2	063 83	51 4 40	7 5 608	..	0 05 76	1 23 32
Tohomare	53 205	639 12	5 23 09	97 01 0	050 84	44 5 20	3 6 705	..	0 04 77	..
Cliffield	53 254	574 12	0 09 05	99 00 0	024 93	00 9 00	7 5 400	..	0 01 81	1 16 21
BAY OF BENGAL										
Shigr	52 192	922 00	7 25 16	97 8x 8	031 81			..	..	..
Cinecirala	52 190	905 00	7 24 18	98 02 2	018 85	44 5 61	7 4 400	..	0 03 78	1 23 22
Alhussini	53 162	879 06	5 23 15	97 01 1	061 95	31 2 60	5 3 400	..	..	..
Shigr	52 183	927 06	7 25 16	97 8x 8	041 81	..	..	..		

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Karachi ..	00 00	002 262 248	040 262 252	..	450 245 172	..	155 192 105	469 142 052	983 075 582	796 008 695	007 585	313 728	516 820	..
Quetta ..	00 00	029 182 118	Missds											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Karachi ..	00 00	900 255 225	800 238 165	710 205 999	590 142 045	570 105 005	350 532 745	250 645 999	110 968 999	..	110 968 999	..	..
Quetta ..	00 00	Missds											

PPP-Pressure in hundreds tens and units of millibars.
TTT-$T_dT_dT_d$: Dry Bulb : Dew Point temperatures (in tenths of °C.)
St.-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

STATIONS / Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
	2	3	4	5	6	7	8	9	10
Karachi ..	11 13	11 07	11 12	..	..	..	..	..	..
Chitral ..	..	..	..	..	..	..	..	..	..
Gilgit ..	23 08	22 08	18 07	12 04	36 10	02 13	36 09	32 03	05 12
Chittagong ..	22 20	22 20	22 18	21 20	..	..	..	..	..
Cox's Bazar ..	20 12	20 10	21 07	25 07	27 06	01 06	07 13	..	..
Dacca ..	16 08	15 11	15 15	13 16	12 13	10 12	10 12	09 12	08 14
Dibrugarh ..	..	..	23 07	24 16	24 14	23 07	04 11	04 11	34 12
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	25 02	25 04	18 08	19 01	11 03	10 02
Fort Sandeman ..	..	..	..	22 09	22 15	22 12	25 13	29 23	28 45
Jacobabad ..	16 09	16 09	16 07	11 06	11 02	32 02	33 03	34 12	31 12
Jaisalmer ..	..	..	..	..	..	..	..	..	..
Jodhpur ..	21 02	24 06	38 06	30 10	31 13	32 16	31 13	31 15	27 53
Jwani ..	18 08	15 04	12 06	07 10	04 19	02 22	..	..	..
Karachi ..	28 14	27 08	26 05	05 03	01 05	03 08	01 06	06 08	02 05
Khanpur ..	27 05	22 02	18 02	18 09	31 15	..	..	..	..
Lahore ..	28 03	33 03	33 04	32 10	34 13	34 17	28 13	28 15	27 19
Multan ..	24 19	20 10	17 09	17 08	12 04	35 05	35 06	32 06	32 12
Muscat ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	28 06	23 03	30 08	28 24	26 25
Sherjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	09 01	09 01	18 01	10 05	11 13	10 15	08 13	09 16	..
Varanasi ..	..	..	..	..	..	..	..	..	..

STATIONS / Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
	11	12	13	14	15	16
Karachi ..	12 09	..	..	..	..	..
Chitral ..	..	..	..	..	..	..
Gilgit ..	24 26	23 29	22 26	12 13	..	..
Chittagong ..	13 10	13 10	13 09	05 07	04 11	03 11
Cox's Bazar ..	11 08	11 03	08 03	07 06	06 09	..
Dacca ..	09 09	09 10	09 09	09 12	07 13	..
Dibrugarh ..	..	..	34 05	01 07	11 04	25 06
D. I. Khan ..	..	..	..	..	..	..
Drosh ..	..	..	..	07 03	06 03	02 04
Fort Sandeman ..	..	..	..	23 01	09 05	31 25
Jacobabad ..	20 18	20 11	20 11	23 08	22 05	32 07
Jaisalmer ..	..	..	..	..	..	..
Jodhpur ..	05 04	13 08	33 08	30 14	30 17	01 10
Jwani ..	20 07	28 05	29 05	..	..	..
Karachi ..	27 14	28 14	..	..	..	..
Khanpur ..	26 28	27 25	28 21	27 13	14 06	28 07
Lahore ..	26 12	28 22	30 19	32 16	32 18	33 16
Multan ..	21 17	22 15	23 21	24 27	25 37	..
Muscat ..	..	..	..	..	..	..
Peshawar ..	..	07 06	19 02	31 08	31 11	34 10
Quetta ..	..	..	..	..	14 02	27 07
Sherjah ..	..	..	..	..	..	..
Sylhet ..	14 02	08 04	07 08	08 12	08 14	10 10
Varanasi ..	..	..	..	..	..	..

STATIONS / Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	17	18	19	20	21	22	23	24	25	26	27
Karachi ..	12 07	..	..	..	..	..	..	..	..	..	..
Chitral ..	..	..	..	..	..	..	..	..	..	..	..
Gilgit ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	16 09	..	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	14 15	..	..	..	..	..	..	..	..	..	..
Dacca ..	14 06	14 09	13 10	11 16	09 26	10 23	..	..	..	..	..
Dibrugarh ..	..	..	34 01	11 05	22 05	31 07	26 07	24 09	24 10	24 14	07 07
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	07 05	07 09	01 14	01 21	01 22	01 23	36 27
Fort Sandeman ..	..	..	..	24 01	26 02	31 10	22 05	17 10	17 14	27 18	26 22
Jacobabad ..	21 06	21 09	21 08	20 05	25 03	03 08	08 05	30 09	27 13	28 10	27 10
Jaisalmer ..	..	..	..	..	..	..	..	..	..	..	..
Jodhpur ..	15 01	32 07	30 08	30 08	32 09	34 08	30 06	26 13	25 15	25 35	27 44
Jwani ..	20 10	24 06	..	..	..	..	..	..	..	..	..
Karachi ..	28 22	27 18	27 12	..	..	..	..	..	..	..	..
Khanpur ..	21 10	25 19	26 15	25 07	23 05	32 05	03 04	33 09	30 13	28 11	28 10
Lahore ..	27 04	29 08	30 10	30 13	31 10	34 12	04 08	28 06	26 15	26 23	25 25
Multan ..	22 08	22 06	21 05	21 07	21 08	28 05	35 06	35 08	25 08	26 17	28 20
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	01 05	30 04	04 04	32 08	31 11	30 09	29 09	29 10	28 17	28 17
Quetta ..	..	..	..	..	31 02	33 06	33 05	29 08	29 16	27 27	24 32
Sherjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	11 03	08 07	07 14	10 22	09 26	11 35	..	..	..	..	..
Varanasi ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 19	02 19	33 14	08 15	09 17	15 26	09 14	36 15	17 15	24 40	19 17	20 27	26 31	26 27	24 23			
Peshawar ..																		
Quetta ..																		

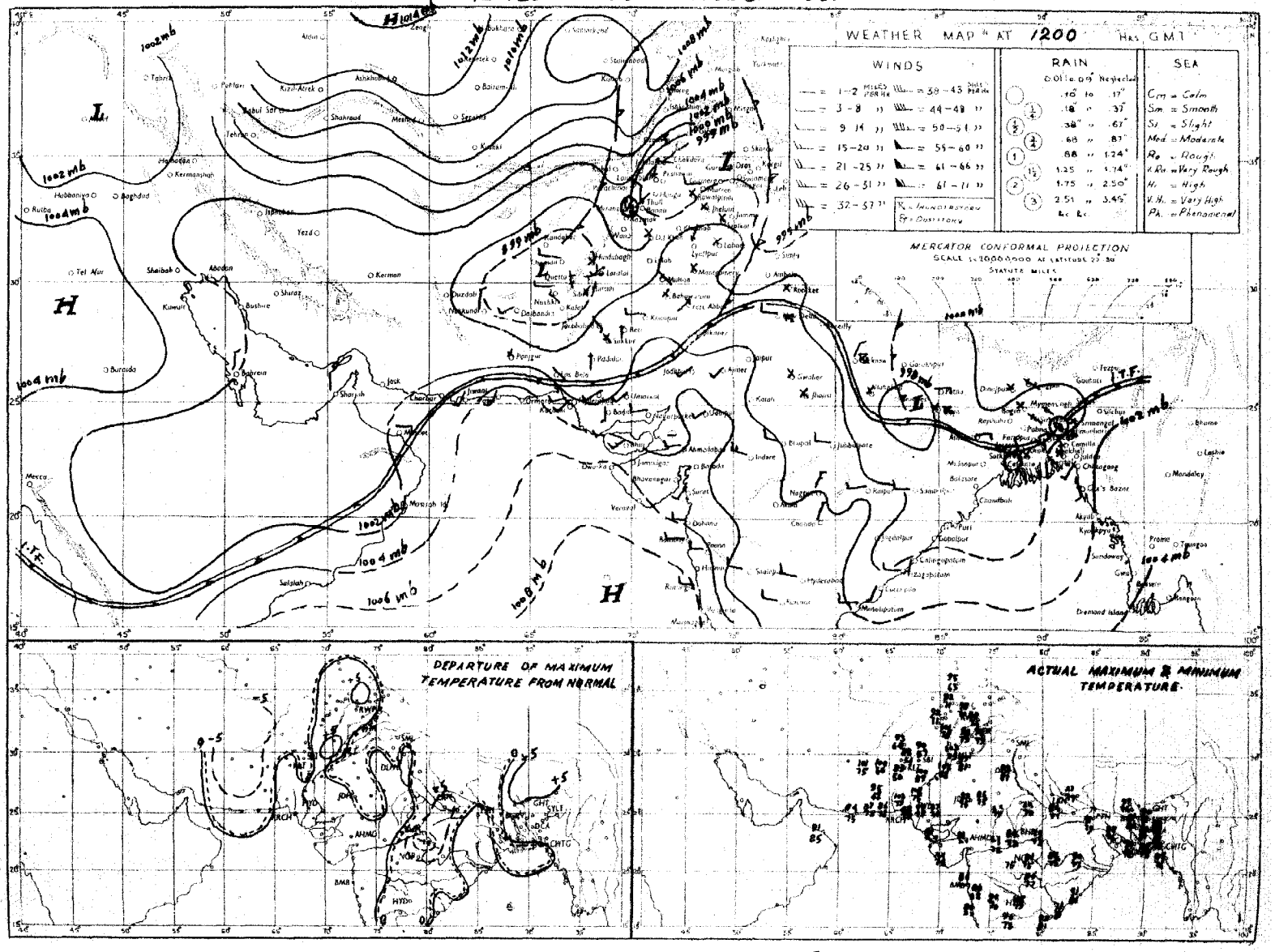
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_Ev_V$ etc)

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.

PAKISTAN DAILY WEATHER MAP

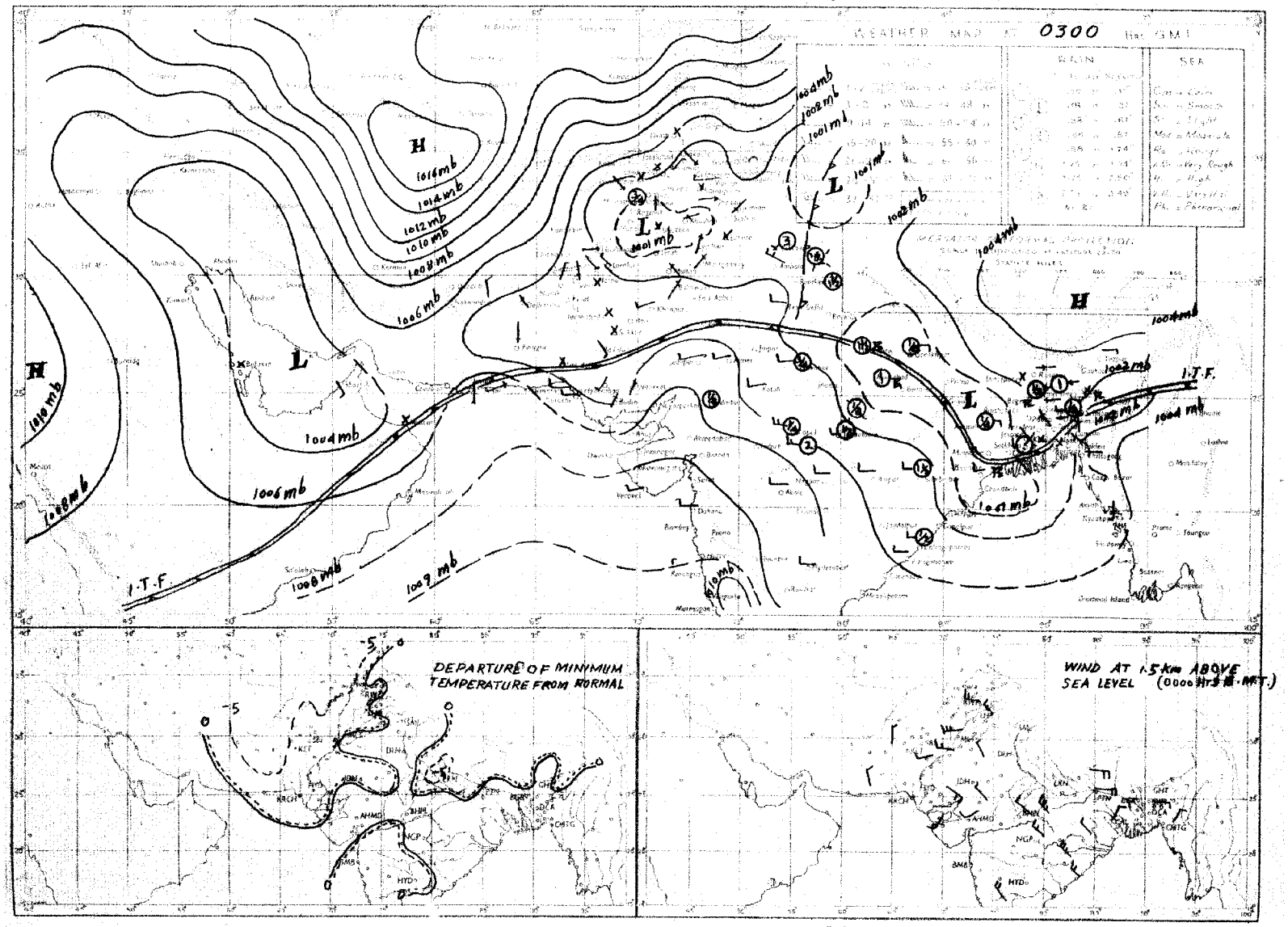
THURSDAY 29th AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 30th AUGUST 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SATURDAY, THE 31st AUGUST, 1957.

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

Mansoon trough extends from East Uttar Pradesh to the north west angle of the Bay of Bengal.

Fairly widespread rain with a few thunderstorms has occurred in East Pakistan.

Weather remained dry over West Pakistan.

Chief amounts of rainfall are:—Srimangal and Satkhira 1½" each; Dinajpur 1"; Brahmanbaria ¾"; Cox's Bazar, Mymansingh, Barisal, Sirajganj and Bogra ½" each and Chittagong, Khulna and Jessore ¼" each.

Day temperatures were 3-8°F above normal in Peshawar, Rawalpindi and Multan divisions, 2-5°F so in East Pakistan outside southern districts of Chittagong division and 2-5°F below normal in Kalat division.

Forecast valid until the evening of 1st:—Fairly widespread rain with scattered thunderstorms will occur in East Pakistan. Weather will be dry over West Pakistan.

Karachi-11.
The 31st August, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATION (2)	Rainfall in Cents RRR (3)	Past weather commenced at † We (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	005	9	7	11	03	96	02	6	002	80	7	4	6	1	0	76	82
	Chittagong	024	4	5	18	09	96	02	6	994	82	3	4	6	2	0	74	85
	Maijdee Court	000	6	6	00	00	97	03	1	987	81	2	1	6	2	0	80	88
	Comilla	000	0	8	18	05	98	50	2	994	84	8	7	5	×	×	77	90
	Brahmanbaria	073	3	6	00	00	95	63	9	990	81	6	4	4	0	0	80	90
	Sylhet	000	1	6	18	09	96	17	2	986	85	4	8	6	2	0	79	94
	Srimangal	085	2	7	00	00	96	95	9	990	79	7	4	6	×	×	78	93
Dacca	Mymensingh	000	0	8	00	00	98	02	2	984	89	8	7	4	×	×	79	91
	Narayanganj	010	2	8	13	03	96	03	6	986	84	6	4	5	2	×	78	02
	Dacca (Tezgaon)	010	2	8	18	05	97	17	9	981	82	6	9	4	3	×	81	90
	Faridpur	000	8	5	16	07	96	02	2	975	87	3	4	8	1	0	79	90
	Barisal	000	3	4	00	00	96	02	5	980	85	8	0	9	6	0	77	89
Rajshahi	Khulna	000	0	8	00	00	97	03	2	985	85	8	5	7	×	×	79	91
	Satkhira	000	0	6	00	00	97	03	1	980	85	4	5	7	9	0	79	91
	Jessore	000	0	7	13	03	97	03	2	979	86	5	8	6	6	0	76	92
	Sirajganj	026	2	8	00	00	96	29	9	975	81	8	7	6	×	×	78	91
	Bogra	000	0	4	00	00	96	01	1	974	90	4	1	6	0	0	78	92
	Dinajpur	015	1	4	00	00	96	01	6	986	85	2	5	7	0	9	81	93
	Rangpur	000	0	3	07	02	96	01	1	×××	90	3	5	6	0	0	80	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	96	02	0	979	90	0	0	9	0	0	80	96
	Sialkot	000	0	0	31	03	97	00	0	979	97	0	0	9	0	0	65	98
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	970	97	0	0	9	0	0	77	99
	Rawalpindi	000	0	0	00	00	99	00	0	960	97	0	0	9	0	0	65	99
	Khushab	000	0	0	23	03	98	00	0	965	03	0	0	9	0	0	61	05
Multan	Lyallpur	000	0	0	00	00	96	00	0	978	96	0	0	9	0	0	78	01
	Montgomery	000	0	0	00	00	97	00	0	985	98	0	0	9	0	0	75	99
	Multan	000	0	0	13	02	96	00	0	987	01	0	0	9	0	0	67	04
Bahawalpur	Leiah																	
	Khanpur	000	0	0	27	04	96	00	0	989	01	0	0	9	0	0	74	00
	Bahawalpur	000	0	0	00	00	97	00	0	994	98	0	0	9	0	0	77	01
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	××	××	98	00	0	933	95	0	0	9	0	0	68	99
	Peshawar	000	0	1	09	05	97	02	0	959	00	1	1	7	3	0	51	02
	Haripur	000	3	1	05	02	97	01	0	953	99	1	0	9	0	3	72	01
	Campbellpur	000	0	0	00	00	98	00	0	962	02	0	0	9	0	0	59	03
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	965	98	0	0	9	0	0	65	00
	D.I. Khan	000	0	0	00	00	98	00	0	989	02	0	0	9	0	0	70	03
Quetta	Sibi	000	0	0	00	00	99	00	0	965	09	0	0	9	0	0	70	09
Kalat	Nokkundi	000	0	0	34	05	98	02	0	397	96	0	0	9	0	0	11	98
	Turbat	000	0	0	23	02	97	00	0	999	11	0	0	9	0	0	88	11
	Jiwani	000	0	1	18	12	97	03	2	036	82	1	6	4	0	0	75	85
	Pasni	000	0	0	25	24	95	07	0	048	83	0	0	9	0	0	71	87
	Ormara	000	0	0	××	××	98	00	0	045	83	0	0	9	0	0	79	84
	Las Bela	000	0	0	13	06	97	00	0	014	96	0	0	9	0	0	72	05
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	12	97	01	2	032	87	3	0	9	5	0	85	89
	Karachi (Air port)	000	0	4	25	10	96	01	2	029	84	2	6	5	0	1	76	88
	Badin	000	0	6	23	03	97	20	3	083	91	0	6	3	0	0	70	96
	Nagarparkar	×××	×	0	25	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	03	97	00	0	994	95	0	0	9	0	0	73	95
	Hyderabad	000	0	6	23	12	96	07	2	003	93	0	0	9	0	5	69	00
Khairpur	Pad-i-dan	000	0	2	18	05	98	02	0	993	01	0	0	9	0	2	59	04
	Nawabshah																	
	Sukkur	000	0	0	25	02	96	00	0	986	02	0	0	9	0	0	73	02
	Kashmore	000	0	0	23	03	99	00	0	959	99	0	0	9	0	0	××	00
	Jacobabad	000	0	0	18	05	97	02	0	988	01	0	0	9	0	0	63	04
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	05	05	99	00	0	024	88	0	0	9	0	0	81	92
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	031	62	0	0	9	0	0	19	70
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	31	05	98	00	0	431	73	0	0	9	0	0	54	74
Peshawar	Drosh *	000	0	0	00	00	96	02	0	413	94	0	0	9	0	0	27	01
	Cherat *	000	0	0	18	03	97	00	0	442	91	0	0	9	0	0	58	93
	Kakul *	000	6	1	18	02	98	02	0	436	84	1	2	8	0	0	58	86
	Landi Kotal *	000	0	0	02	02	97	00	0	422	93	0	0	9	5	0	47	96
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	797	82	0	0	9	0	0	62	××
	Miranshah *	000	0	0	00	00	99	00	0	466	92	0	0	9	0	0	89	95
	Wana *	000	0	0	00	00	99	00	0	448	69	0	0	9	0	0	53	73
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	426	95	0	0	9	0	0	25	96
	Hindubagh *	000	0	0	27	02	98	00	0	428	87	0	0	9	0	0	47	89
	Loralai *	000	0	4	27	05	98	02	1	436	89	0	0	9	2	0	42	91
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	36	02	97	01	0	426	86	1	7	8	0	0	40	87
Kalat	Chaman *	000	0	0	25	03	98	00	0	463	90	0	0	9	0	0	49	93
	Kalat *	000	0	0	31	03	98	00	0	433	83	0	0	9	0	0	34	85
	Nushki *	000	0	0	27	09	96	00	0	510	98	0	0	9	0	0	37	98
	Dalbandin *	000	0	0	31	05	96	02	0	457	97	0	0	9	0	0	20	99
	Panjgur *	000	0	0	31	03	98	00	0	468	94	0	0	9	0	0	14	95
Afghanistan	Kabul *	000	0	0	00	00	99	00	0	473	84	0	0	9	0	0	48	88
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

STATION (2)	Rainfall in Cents RRR (20)	Past weather commenced at † We (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	041	9	7	11	10	96	02	6	016	79	7	4	6	2	0	76	76	− 4	0	98.2	+ 3.7	109.1	140
Chittagong	024	0	6	13	09	97	02	2	013	84	3	4	6	2	0	76	77	− 1	+ 1	60.7	− 4.2	68.1	108
Maijdee Court	008	6	5	13	05	97	03	0	980	83	3	5	5	2	×	75	73	+ 3	+ 1	49.8	− 18.6	58.1	115
Comilla	000	0	5	18	03	98	03	0	017	87	5	4	5	0	0	74	77	+ 2	0	34.2	− 17.7	46.1	94
Brahmanbaria	073	0	6	09	05	97	03	2	020	84	6	5	5	0	0	75	78	—	—	34.6	− 4.0	52.3	78
Sylhet	000	0	7	00	00	96	02	9	024	86	1	1	6	3	0	74	80	—	—	61.3	—	111.9	..
Srimangal	127	9	7	09	02	97	03	6	024	82	6	8	6	3	0	78	76	+ 3	0	51.9	+ 4.8	78.5	98
Mymensingh	043	5	4	13	02	98	02	6	024	79	5	4	4	0	0	79	76	+ 4	− 2	44.1	− 5.0	58.1	91
Narayanganj	013	9	6	09	05	95	03	6	013	87	1	5	6	7	0	75	81	+ 4	+ 2	39.8	+ 1.1	56.0	74
Dacca (Tezgaon)	010	9	7	09	05	98	02	9	010	84	3	5	4	3	1	77	80	—	—	23.9	—	57.9	..
Faridpur	000	9	8	09	02	96	03	0	004	89	8	5	7	0	0	77	78	+ 3	0	35.1	2.6	47.2	71
Barisal	068	4	8	18	08	94	63	6	997	79	5	0	9	6	0	78	77	+ 2	− 1	34.6	− 11.7	51.6	81
Khulna	029	0	8	09	03	97	03	2	×××	××	8	5	6	×	×	78	78	+ 3	0	32.6	− 8.1	40.6	68
Satkhira	156	6	8	09	02	96	03	6	996	86	×	×	6	×	×	77	81	+ 2	+ 3	29.3	− 2.0	45.1	65
Jessore	026	6	8	05	09	97	03	6	999	82	8	4	5	×	×	78	78	—	—	34.5	− 1.0	37.8	65
Sirajganj	058	9	8	09	04	96	02	6	011	81	8	7	5	0	0	77	78	+ 4	− 1	50.1	+ 14.7	61.0	64
Bogra	054	9	6	05	02	97	02	9	013	80	6	6	6	0	0	76	76	+ 4	− 2	50.4	+ 11.5	57.9	69
Dinajpur	121	2	7	00	00	96	12	2	023	80	3	4	7	2	0	77	68	+ 4	− 10	38.9	− 4.0	42.2	72
Rangpur	016	3	7	13	02	96	01	5	×××	80	7	5	6	×	×	79	××	+ 5	×	38.1	− 9.2	41.7	84
Jammu																							..
Lahore (Jail Rd.)	000	0	0	23	02	96	02	0	995	84	0	0	9	0	0	75	79	− 1	+ 2	16.3	+ 4.1	25.0	19
Sialkot	000	0	0	05	02	97	00	0	013	87	0	0	9	0	0	77	78	+ 4	+ 1	21.7	+ 1.7	44.9	32
Jhelum	000	0	0	00	00	96	05	0	994	86	0	0	9	0	0	76	77	—	—	16.6	—	27.3	..
Rawalpindi	000	0	0	00	00	99	00	1	004	76	0	0	9	0	0	72	73	+ 6	− 1	13.4	− 6.2	29.3	36
Khushab	000	0	0	11	02	97	00	0	999	88	0	0	9	0	0	75	77	+ 6	− 4	—	—	—	15
Lyallpur	000	0	0	25	02	96	00	0	984	82	0	0	9	0	0	73	79	+ 4	0	10.1	+ 2.5	16.2	12
Montgomery	000	0	0	23	02	98	00	0	997	82	0	0	9	0	0	72	78	− 1	− 2	6.4	+ 0.2	10.2	10
Multan	000	0	0	23	02	96	00	0	987	85	0	0	9	0	0	63	77	+ 6	− 5	0.7	− 3.6	4.1	7
Leiah																							8
Khanpur	000	0	0	23	05	96	00	0	999	82	0	0	9	0	0	73	80	− 3	+ 1	0.2	− 4.4	1.2	6
Bahawalpur	000	0	2	18	03	97	00	0	999	85	2	0	9	0	1	77	81	0	+ 2	1.3	− 2.8	2.5	6
Fort Abbas	000	0	0	23	03	97	00	0	003	89	0	0	9	0	0	71	83		—	—		—	8
Chakdara	000	0	0	××	××	97	00	0	990	75	0	0	9	0	0	59	54	—	—	2.7	—	17.5	..
Peshawar	000	0	0	31	03	96	02	0	989	70	0	0	9	0	0	62	73	+ 5	− 4	1.8	− 1.8	12.9	14
Haripur	000	0	0	23	02	97	00	0	985	84	0	0	9	0	0	67	73	—	—	5.5	—	19.6	..
Campbellpur	000	0	0	05	02	98	00	0	990	85	0	0	9	0	0	62	79	—	—	4.8	—	20.2	..
Bannu	000	0	0	00	00	99	00	0	980	82	0	0	9	0	0	70	74	—	—	2.3	—	9.4	11
D.I. Khan	000	0	0	00	00	98	00	0	978	83	0	0	9	0	0	71	71	+ 3	− 3	2.3	− 2.5	7.8	10
Sibi	000	0	0	00	00	99	00	0	998	87	0	0	9	0	0	74	87	—	—	1.1	—	4.2	5
Nokkundi	000	0	0	34	13	98	02	0	040	80	0	0	9	0	0	74	74	—	—	0	—	1.9	3
Turbat	000	0	0	23	02	98	00	0	004	81	0	0	9	0	0	03	81	—	—	2.5	—	5.9	..
Jiwani	000	0	1	23	05	97	03	0	047	79	1	6	4	0	0	74	75	—	—	0	—	3.1	4
Pasni	000	0	3	27	02	96	00	0	060	76	2	5	7	0	1	75	74	− 1	− 1	0	− 0.9	6.2	6
Ormara	000	0	8	××	02	98	03	2	061	78	8	4	4	×	×	75	75	—	—	0	− 0.8	3.8	6
Las Bela	000	0	0	00	00	98	00	0	992	86	0	0	9	0	0	72	78	—	—	1.5	—	2.6	8
Karachi (Manora)	000	0	8	27	09	96	03	2	033	81	4	0	7	7	0	77	77	+ 4	− 1	0.6	− 4.9	1.1	9
Karachi (Air port)	000	0	8	25	09	96	02	2	036	80	8	6	4	×	×	77	79	—	—	0.9	—	1.4	..
Badin	000	3	4	23	02	96	20	3	052	81	0	7	9	0	0	72	××	+ 3	×	3.6	− 2.7	3.6	9
Nagarparkar	×××	×	0	00	00	98	00	0	—	—	0	0	9	0	0	—	—	—	—	—	—	—	..
Umarkot	000	0	0	23	01	97	00	0	012	79	0	0	9	0	0	72	73	—	—	4.7	—	4.7	
Hyderabad	000	0	2	23	09	97	01	2	022	81	0	0	9	0	5	71	78	− 6	0	0.9	− 4.5	2.8	7
Pad-i-dan	000	0	3	13	05	98	02	0	000	79	0	0	9	0	1	69	77	—	—	0.1	—	1.4	..
Nawabshah																							4
Sukkur	000	4	3	25	03	96	03	0	001	80	0	0	9	0	8	73	77	—	—	0.1	—	2.9	
Kashmore	000	0	0	23	01	99	00	0	006	84	0	0	9	0	0	72	××	—	—	—	—	—	..
Jacobabad	000	0	0	13	05	97	02	0	004	83	0	0	9	0	0	72	79	+ 1	− 2	0	− 2.1	3.5	4
Veraval																							20
Jalalabad																							..
Muscat	000	0	0	00	00	99	00	0	028	85	0	0	9	0	0	79	80	+ 2	− 3	0	− 0.1	6.9	4
Kuwait																							..
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							..
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																							..
Aliabad *																							..
Gilgit *																							5
Murree *	000	0	0	29	07	98	00	0	438	66	0	0	9	0	0	49	59	+ 4	+ 2	21.3	− 8.9	55.2	59
Drosh *	000	0	0	00	00	96	02	0	451	75	0	0	9	0	0	34	65	+ 8	− 5	1.9	—	24.0	18
Cherat *	000	0	0	00	00	97	00	0	437	73	0	0	9	0	0	66	72	+ 8	+ 3	3.9	− 6.0	25.6	29
Kakul *	000	0	0	31	02	97	02	0	440	75	0	0	9	0	0	59	68	—	—	12.3	—	39.8	..
Landi Kotal *	000	0	0	00	00	97	00	0	431	80	0	0	9	0	0	51	66	—	—	0.9	—	15.1	..
Parachinar *	000	0	0	00	00	99	00	0	794	70	0	0	9	0	0	49	××	—	—	6.7	—	25.8	29
Miranshah *	000	0	0	00	00	99	00	0	473	81	0	0	9	0	0	77	72	—	—	3.1	− 0.5	15.4	13
Wana *	000	0	0	00	00	98	00	0	428	65	0	0	9	0	0	47	60	—	—	—	—	—	..
Fort Sandeman *	000	0	0	00	00	96	00	0	447	78	0	0	9	0	0	57	64	+ 1	− 7	2.4	− 2.3	12.9	11
Hindubagh *	000	0	0	00	00	98	00	0	452	71	0	0	9	0	0	47	59	—	—	0	—	12.3	..
Loralai *	000	0	0	27	02	98	00	0	436	66	0	0	9	0	0	27	60	—	—	1.9	—	10.7	..
Harnai *	000	0	0	31	02	98	00	0	—	—	0	0	9	0	0	—	—	—	—	2.0	− 4.5	14.3	14
Quetta *	000	0	0	00	00	95	00	0	446	65	0	0	9	0	0	59	47	—	—	0	− 1.0	9.5	9
Chaman *	000	0	0	00	00	97	00	0	463	79	0	0	9	0	0	47	64	− 2	− 4	0	− 0.1	10.2	8
Kalat *	000	0	0	16	05	98	00	0	461	62	0	0	9	0	0	27	50	+ 1	− 4	0	− 1.1	8.4	7
Nushki *	000	0	0	05	03	97	00	0	511	76	0	0	9	0	0	45	72	—	—	0	—	8.0	..
Dalbandin *	000	0	0	00	00	96	02	0	441	72	0	0	9	0	0	28	72	− 6	+ 3	0	− 0.3	4.4	4
Panjgur *	000	0	0	31	05	98	00	0	462	69	0	0	9	0	0	33	63	− 5	− 8	0	—	4.2	5
Kabul *	000	0	0	14	00	99	00	0	513	67	0	0	9	0	0	54	47	—	—	—	—	—	12
Kandahar *																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day.

Whenever 999 is given or RRR see the Summary above for the accual amount of rainfall).

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WEATHER BUREAU

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 31st AUGUST, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$I_dw_dw_P w_W H_W$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Meerkerk	53 212	617 06	1 23 13	98 01 1	083 81	12 5 00	1 5 005	..	0 03 71	1 23 22
Great City	53 226	627 06	6 25 09	97 03 2	068 80	22 4 60	6 4 400	..	0 51 73	1 28 32
Dwarka	53 218	691 06	6 27 13	98 03 1	110 81	52 4 44	7 5 400	..	0 06 73	1 27 33
Excelsior	60 227	683 06	1 24 16	98 02 0	100 75	16 4 00	0 6 107	..		
Meerkerk	53 222	632 12	5 23 13	98 02 2	091 82	52 5 00	1 5 706	..	0 03 73	1 23 22
Great City	53 224	615 12	7 23 12	96 10 2	044 78	76 3 00	6 4 400	..	0 53 72	1 23 33
Dwarka	53 228	682 12	6 25 13	98 02 2	047 82	11 4 50	7 5 609	..	0 04 75	1 25 33

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb HHHTTT	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	000 275 248	022 275 248	..	440 228 205	..	106 132 102	387 062 042	859 360 710	602 598 718	977 155	030 992	442 100	693 135
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	827 165 062	Miss											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 195 192	863 228 195	800 212 198	755 172 142	550 028 565	477 568 702	350 678 822	250 835 999	090 160 999	090 160 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Miss											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of °C.)
Sb-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. → / STATION	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
	2	3	4	5	6	7	8	9	10
Bogra ..	05 04	09 04	10 04	11 13	10 21	..	..	..	..
Chaklala ..		29 07	29 08	30 04	30 05	33 15	31 13	32 14	32 15
Chhor ..	22 10	22 11	20 12	14 11	06 11	04 06	33 08	31 05	..
Chittagong ..	15 15	15 20	15 26	15 28	15 24	..	..	..	..
Cox's Bazar ..	16 16	16 15	17 29	..	..	..	..	..	..
Dacca ..	16 13	15 13	13 12	12 18	11 20	11 22	..	..	..
Dalbandin ..	..	..	27 05	27 10	26 09	20 07	33 09	29 13	29 17
D.I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	25 06	24 03	27 04	34 01	04 08	04 07
Port Sandeman ..	..	..	..	18 02	15 04	19 03	30 07	30 11	28 21
Jacobabad ..	20 07	19 07	19 04	04 02	01 05	32 08	28 04	21 10	32 13
Jaisalmer ..	..	..	..	..	..	..	..	..	..
Jacobabad ..	22 02	20 04	24 04	28 07	31 15	35 11	34 05	29 11	28 14
Jiwani ..	22 08	25 08	27 10	28 08	01 08	02 24	02 30	33 11	32 12
Karachi ..	25 15	27 12	27 08	36 06	01 08	02 12	01 12	..	..
Khanpur ..	25 12	24 12	23 12	26 08	27 04	36 06	36 06	33 10	26 16
Lahore ..	30 08	30 09	30 12	30 13	31 14	33 15	01 08	34 08	36 08
Multan ..	21 10	20 09	22 08	25 09	27 03	34 09	34 17	35 26	29 35
Murree ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	08 08	15 10	17 13	17 11	32 07	11 12	30 19	30 29
Quetta ..	..	..	..	..	31 09	32 07	19 06	30 15	27 19
Sharjah ..									
Sylhet ..	17 03	11 03	10 05	11 19	10 24	10 31	..	..	..
Yarawal ..									

Height in Kms a.s.l. → / STATION	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
	11	12	13	14	15	16
Bogra ..	10 15	10 17	..	..	..	..
Chaklala ..						
Chhor ..	24 25	23 27	22 25	15 14	07 10	03 05
Chittagong ..	13 17	13 22	15 29	..	..	..
Cox's Bazar ..	15 25	16 25			..	..
Dacca ..	11 12	12 17	14 20	14 18		..
Dalbandin ..	..	..	35 05	01 05	36 05	24 09
D.I. Khan ..	..		..	..		
Drosh ..	..	..		..	06 01	32 02
Port Sandeman ..				20 04	29 10	32 15
Jacobabad ..	19 21	20 14	21 08	26 05	25 05	34 03
Jaisalmer ..						
Jacobabad ..	04 06	16 07	17 04	25 08	25 04	32 09
Jiwani ..	23 11	26 10	30 14	..	..	..
Karachi ..	27 17	27 15				
Khanpur ..	22 32	25 35	25 37	27 27	29 17	29 06
Lahore ..	25 12	27 11	27 11	28 06	31 10	35 14
Multan ..	22 23	23 28	24 15	16 02	27 06	27 06
Murree ..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..
Quetta ..	..	..	..	..	33 02	30 08
Sharjah ..						
Sylhet ..	18 04	14 04	08 04	09 27	09 32	..
Yarawal ..						

Height in Kms a.s.l. → / STATION	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	09 17	09 23	10 32	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..											..
Chittagong ..	14 21	14 18	14 27	15 45	14 49	15 51	..	..	..	..	..
Cox's Bazar ..	13 19	14 29	15 28	..	..	..	..	..	..	..	..
Dacca ..	10 18	10 27	11 28								
Dalbandin ..	..	..	25 05	23 04	21 07	30 08	32 16	33 17	32 12	26 29	26 37
D.I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	06 05	05 03	23 04	19 02	22 07	24 12	
Port Sandeman ..	..	..	..	34 02	34 04	20 05	17 08	24 10	25 41	27 41	25 48
Jacobabad ..	17 04	21 07	21 05	35 03	01 06	15 05	12 07	27 06	27 11	25 19	26 15
Jaisalmer ..											..
Jacobabad ..	14 02	15 03	14 05	28 05	34 07	32 09	01 11	01 15	32 25	..	..
Jiwani ..	23 03	26 07	28 08	19 04	05 06	36 15	36 30	32 15	33 08	..	..
Karachi ..	27 27	28 17	29 10								..
Khanpur ..	23 19	25 20	25 21	25 15	25 10	34 09	07 15	15 06	25 10	27 15	..
Lahore ..	24 05	24 04	30 01	33 03	30 03	02 06	36 12	01 05	20 03	23 26	24 37
Multan ..	20 11	21 06	14 04	15 04	17 06	31 02	06 06	22 10	24 12	25 28	24 27
Murree ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	36 07	36 04	36 03	30 04	32 08	27 08	26 12	26 12	25 23	24 52
Quetta ..	..	..	..	..	32 05	20 90	27 11	19 12	13 13	24 07	26 30
Sharjah ..											..
Sylhet ..	07 10	08 11	09 26	10 26	12 19	..	..	..	..	..	..
Yarawal ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l. / STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 08	27 08	28 21	31 12	31 08	35 09	35 14	31 12	27 04	10 06	08 07	31 04	10 14	08 14	09 12			
Peshawar ..																		
Quetta ..																		

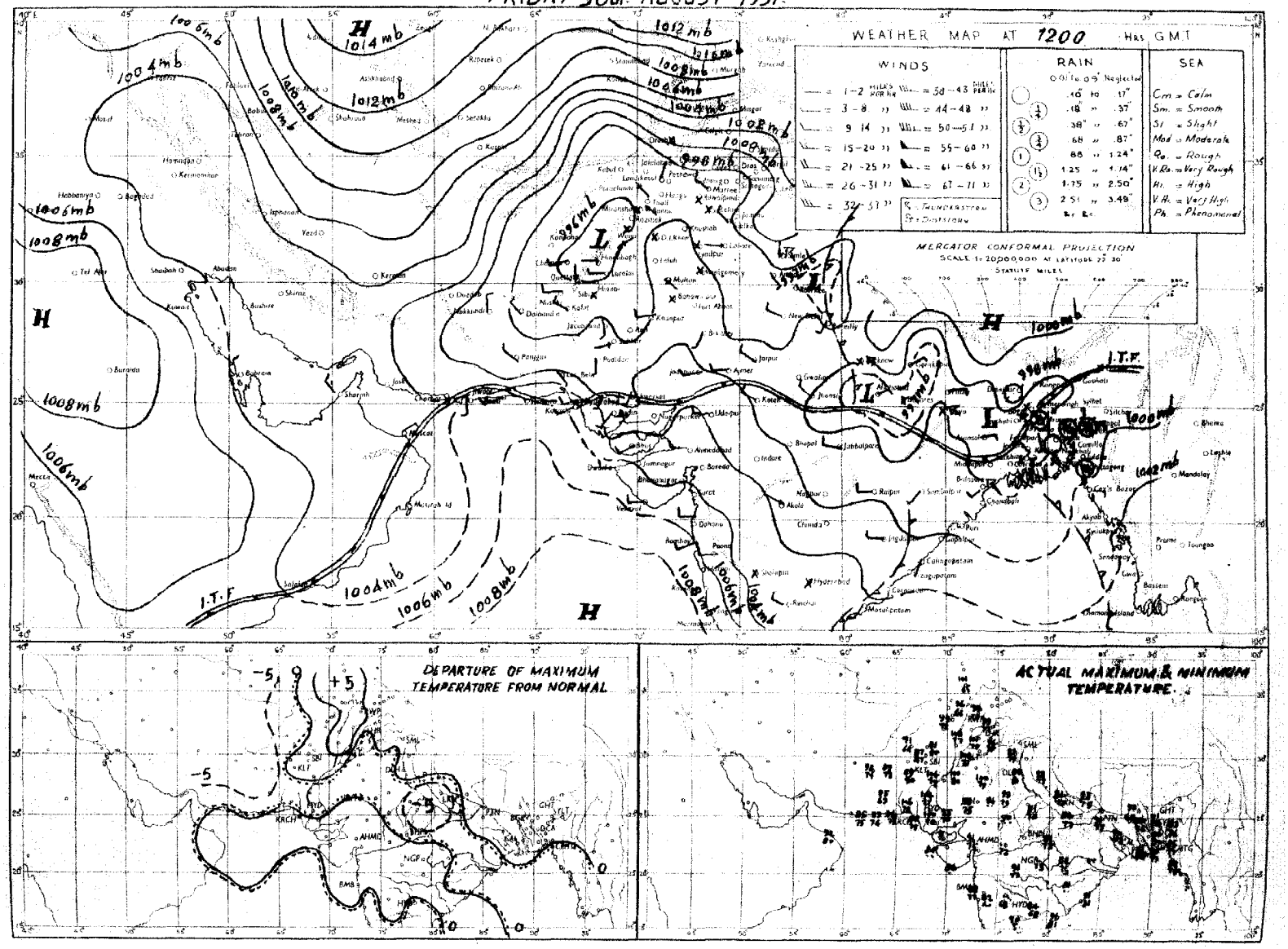
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_fv_f$ etc)

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.

PAKISTAN DAILY WEATHER MAP

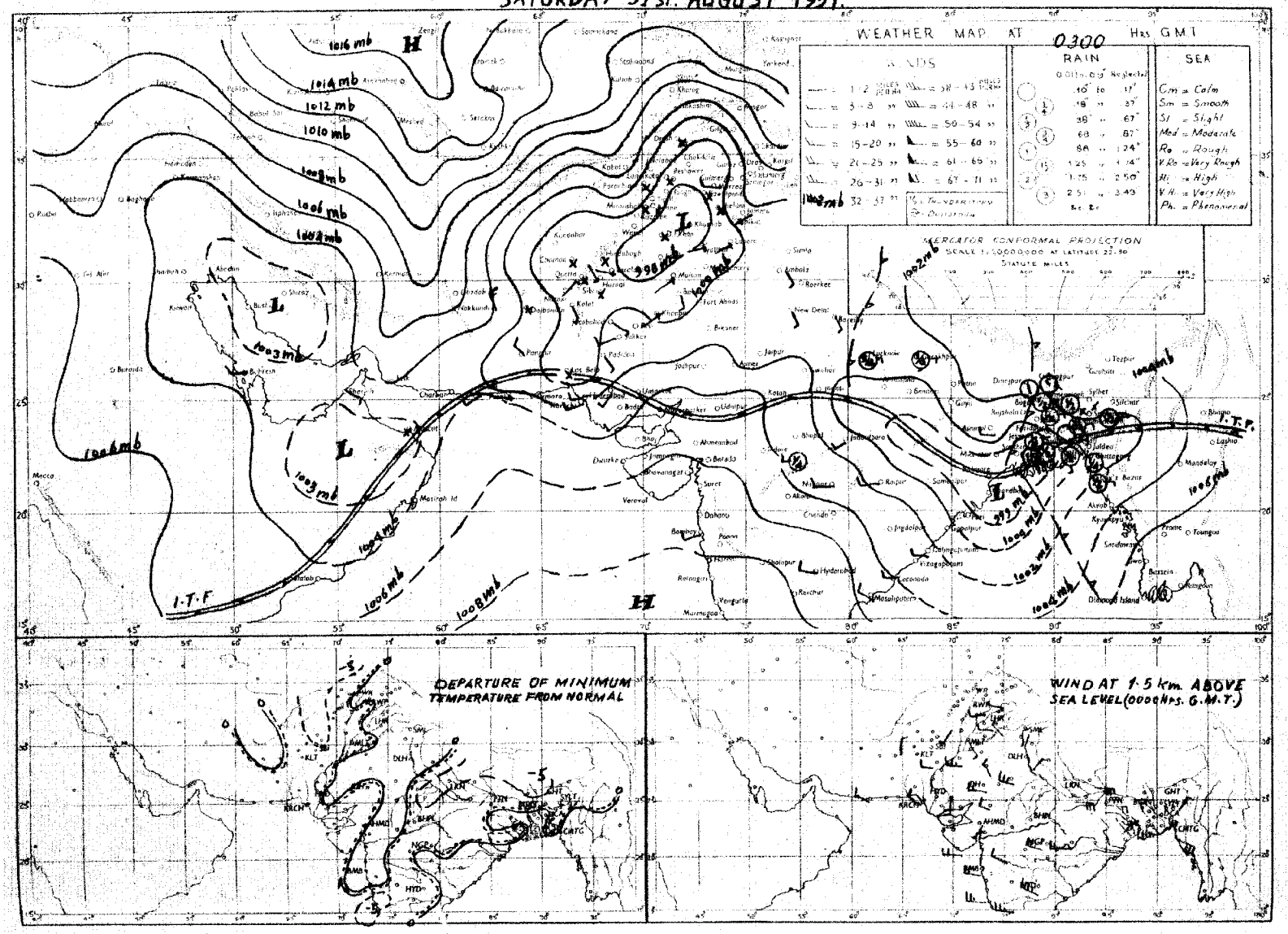
FRIDAY 30th AUGUST 1957



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 31st. AUGUST 1957.



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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 1st SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	I$d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Anwar Baksh	73 232	676 06	2 21 05	97 01 0	049 81	22 3 00	3 4 005	..	0 00 74	1 21 23
Dwarka	73 248	667 12	2 25 15	98 02 0	003 82	21 4 00	6 5 610	..	0 03 79	1 25 33
Anwar Baksh	73 222	682 12	4 20 13	97 01 1	036 82	32 3 20	3 4 503	..	0 00 72	1 20 34
Dwarka	73 248	652 18	3 25 15	98 01 0	057 81	32 4 00	6 5 202	..	0 00 81	1 25 33

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	002 268 262	000 268 258	..	450 248 165	..	162 175 502	464 098 548	951 512 615	708 572 685	991 665	284 870	..	
Lahore ..														
Multan ..														
Peshawar ..	00 00	962 255 215	Misda	..	380 202 188	..	046 102 102	312 022 002	745 612 622	431 695 999	953 782	235 955	..	
Quetta ..	00 00	827 145 055												

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 255 212	800 238 095	595 095 552	350 686 999	250 760 999	195 880 999	..	..	..	195 880 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 222 208	800 178 178	350 748 999	250 955 999	150 030 999	..	..	..	..	150 030 999	..	..
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of ºC.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra ..	12 15	12 23	11 22	..	..	..	..	..	..
Chaklala ..		17 03	18 02	23 06	24 06	33 07	01 12	36 14	..
Chhor ..	22 13	22 14	23 10	16 12	17 06	01 15	05 04	..	..
Chittagong ..	16 16	16 20	16 33	16 33	15 39	15 33	..	..	..
Cox's Bazar ..	No	ascent						..	..
Dacca ..	14 17	14 25	14 30	14 29	14 27	13 28	11 25	..	..
Dalbandin ..	..	..	18 03	22 07	24 09	28 09	03 07	01 14	31 14
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	03 10	02 07	01 02	10 02	..	..
Fort Sandeman ..	..	..	..	36 10	26 11	26 11	20 06	16 11	17 11
Jacobabad ..	19 16	18 07	11 01	03 04	01 05	25 05	15 07	30 15	27 11
Jessore ..	..	..	..	..	..	..	..	..	..
Jhelum ..	18 01	19 03	19 05	31 05	31 09	33 10	35 07	05 04	32 05
Jiwani ..	22 15	24 16	24 15	31 17	33 19	35 29	01 32	..	..
Karachi ..	23 20	27 18	27 21	..	..	..	..	..	..
Khanpur ..	23 13	23 15	23 13	22 10	27 06	01 08	07 07	29 10	27 11
Lahore ..	24 04	23 05	22 04	33 03	36 05	31 08	29 04	20 15	23 17
Multan ..	19 11	17 12	19 08	25 03	29 01	35 05	29 06	26 13	24 19
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	06 08	07 07	16 10	17 11	18 13	27 06	26 06	29 09
Quetta ..	..	..	..	..	33 08	22 07	17 04	29 05	28 17
Sharjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	10 10	10 11	10 12	11 10	10 19	10 26	12 18	11 16	10 21
Varaval ..	..	..	..	..	..	..	..	..	..

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra ..	11 29	11 32	10 30	10 24	..	..
Chaklala ..	..	05 31	03 33	03 41	05 25	09 08
Chhor ..	23 27	23 33	22 29	21 49	..	..
Chittagong ..	No	ascent		..	..	..
Cox's Bazar ..	18 12	20 17	21 18	..	..	..
Dacca ..	13 23	..				
Dalbandin ..	..	..	26 09	17 04	27 04	21 07
D. I. Khan ..	..		..	..		
Drosh ..	..	..		..	04 01	08 03
Fort Sandeman ..	..	..		30 06	01 05	31 11
Jacobabad ..	15 19	20 08	23 05	27 08	26 05	17 04
Jessore ..	..			..		..
Jhelum ..	01 07	12 07	12 06	19 06	19 04	36 07
Jiwani ..	24 03	05 06	08 11	08 15	09 07	36 12
Karachi ..	26 17	27 17				..
Khanpur ..	22 19	25 21	27 19	23 14	32 05	31 03
Lahore ..	08 09	11 04	11 04	09 04	06 04	36 06
Multan ..	21 12	19 13	20 13	22 24	23 34	24 47
Muscat ..	..		..	..	..	..
Panjgur ..	..					..
Peshawar ..	..	09 12	12 13	16 14	17 17	..
Quetta ..	..	..	..		32 03	26 07
Sharjah ..	..				..	..
Sylhet ..	18 08	12 09	11 15	10 25	..	..
Varaval ..	..	..	..	..	..	..

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	10 23	11 32	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	No	ascent	..	..	..	..	..	..	..	..	..
Cox's Bazar ..	17 18	18 21	18 22	20 22	24 24	..	..	..	..	..	..
Dacca ..	No	ascent									
Dalbandin ..	..	..	24 03	21 05	19 07	23 07	26 04	26 04	25 14	26 19	25 37
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	23 05	21 05	18 04	14 05	07 07	01 12	..
Fort Sandeman ..	..	..	..	33 01	23 02	36 05	25 07	16 15	16 15	24 17	24 36
Jacobabad ..	..	..	..	..	..	..	..	..	..	..	..
Jessore ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	20 03	15 08	12 07	12 05	36 07	34 12	33 11	28 08	25 12	33 32	23 40
Jiwani ..	11 10	05 12	05 14	01 17	35 16	34 20	35 31	34 21	34 17	28 18	27 22
Karachi ..	25 30	26 11	27 15	..	..	..	..	..	..	..	..
Khanpur ..	23 12	22 14	22 13	22 08	34 05	04 06	07 10	17 12	23 13	24 17	24 23
Lahore ..	09 03	07 05	07 05	06 05	03 06	35 11	24 09	20 24	22 23	23 25	24 37
Multan ..	25 06	16 06	13 07	10 06	06 03	07 04	27 02	07 04	09 08	13 12	23 27
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	19 04	19 10	20 11	22 18	23 09	..	..	..	..	..
Quetta ..	..	..	..	..	31 05	21 06	16 19	17 17	23 13	22 27	25 24
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	No	ascent	..	..	..	..	..	..	..	..	..
Varaval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	26 17	26 20	28 21	30 15	33 12	30 15	06 12	33 18	03 12	33 11	12 07	22 13	20 14	23 11	21 08	34 14		
Peshawar	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26 29	25 30	24 [illegible]	24 [illegible]					
Quetta																		

* The [illegible] figures give the wind speed "ff" in knots. [illegible] speed "ff" exceeds 99 knots, 50 is added to "dd" and [illegible]

[illegible]

[illegible] Weather Central, Air Port, KARACHI 1.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SUNDAY, THE 1st SEPTEMBER, 1957.

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

A low pressure wave is moving across Kashmir and adjoining Rawalpindi division. It has caused scattered thunderstorms/showers in Peshawar, Rawalpindi and D. I. Khan divisions.

A low lies over West Bengal and is likely to move westnorthwestwards.

Rainfall has been widespread in Chittagong division and fairly widespread in Dacca and Rajshahi divisions.

Chief amounts of rainfall are:—Chittagong 2"; Maijdee Court and Comilla 1½" each; Cox's Bazar 1"; Srimangal, Faridpur, Barisal, Khulna and Murree ½" each and Brahmanbaria, Mymensingh, Narayanganj, Jessore, Rangpur and Kakul ¼" each.

Day temperatures were 3-7°F above normal in Peshawar, Rawalpindi, Multan and Lahore divisions and 2-5°F so in the northern districts of East Pakistan and were 3-8°F below normal in Quetta and Kalat divisions and the coastal districts of East Pakistan.

Forecast valid until the evening of 2nd:—Fairly widespread rain will occur in East Pakistan. Scattered thunderstorm/showers are also likely in Rawalpindi, Lahore, Peshawar divisions and Kashmir.

Karachi-11.
The 1st September, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F. TdTd (18)	Maximum temperature °F. TxTx (19)
Chittagong	Cox's Bazar	039	7	8	13	07	96	02	6	996	78	8	5	6	×	×	77	83
	Chittagong	021	4	6	13	09	96	02	9	993	80	4	4	5	2	0	77	87
	Maijdee Court	000	8	8	13	05	96	02	1	981	83	4	6	5	2	×	77	85
	Comilla	040	1	8	18	03	98	60	2	996	80	8	4	4	×	×	77	90
	Brahmanbaria	015	0	8	11	09	95	95	2	998	80	8	9	3	×	×	79	91
	Sylhet	000	0	7	09	09	97	03	2	987	87	1	2	6	3	7	73	92
	Srimangal	000	0	7	13	02	96	60	2	987	83	7	4	6	0	0	77	92
Dacca	Mymensingh	000	0	6	13	02	98	02	2	988	85	6	2	4	0	0	67	90
	Narayanganj	000	9	8	18	07	94	03	2	987	85	8	7	5	×	×	76	92
	Dacca (Tejgaon)	000	9	8	13	03	98	02	2	983	84	3	9	5	3	8	76	89
	Faridpur	008	3	8	16	05	96	02	6	990	82	8	4	6	×	×	76	87
	Barisal	060	4	6	00	00	94	53	6	977	78	6	7	7	0	0	78	82
Rajshahi	Khulna	025	7	8	00	00	96	03	6	977	79	8	5	5	×	×	77	83
	Satkhira	057	8	8	00	00	96	03	6	972	78	8	6	6	×	×	77	93
	Jessore	000	6	8	05	05	97	03	5	972	80	8	8	8	×	×	77	85
	Sirajganj	015	3	8	09	02	96	03	9	977	80	8	7	5	×	×	76	90
	Bogra	000	0	6	13	03	96	03	1	980	85	6	6	6	0	0	76	90
	Dinajpur	000	2	8	00	00	96	02	2	988	84	8	4	7	×	×	77	91
	Rangpur	016	8	8	09	02	96	03	5	×××	80	8	5	6	×	×	79	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	27	02	96	03	0	977	99	1	2	7	0	1	71	99
	Sialkot	000	0	0	31	02	97	00	0	964	96	0	0	9	0	0	79	99
Rawalpindi	Jhelum	000	0	1	23	02	97	03	0	961	97	1	3	9	0	0	77	99
	Rawalpindi	000	0	3	13	15	98	03	0	949	97	3	2	6	3	0	63	00
	Khushab	000	0	0	16	05	97	00	0	951	01	0	0	9	0	0	65	04
Multan	Lyallpur	000	0	0	20	02	96	00	0	976	95	0	0	9	0	0	73	09
	Montgomery	000	0	0	00	00	97	00	0	984	96	0	0	9	0	0	75	98
	Multan	000	0	0	13	02	96	00	0	964	99	0	0	9	0	0	65	03
Bahawalpur	Leiah																	
	Khanpur	000	0	0	21	03	96	00	0	962	01	0	0	9	0	0	72	02
	Bahawalpur	000	0	0	00	00	97	02	0	960	01	2	0	9	0	2	56	01
	Fort Abbas	000	0	0	23	02	97	00	0	968	00	0	0	9	0	0	60	05
Peshawar	Chakdara	000	0	0	××	××	98	00	0	917	95	0	0	9	0	0	66	98
	Peshawar	000	0	2	05	05	97	03	0	942	97	2	9	6	3	0	63	99
	Haripur	000	4	1	23	02	97	01	0	927	99	1	0	9	0	3	83	01
	Campbellpur	000	0	0	18	05	98	00	0	943	02	0	0	9	0	0	59	03
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	944	98	0	0	9	0	0	63	00
	D.I. Khan	000	0	0	00	00	98	00	0	001	04	0	0	9	0	0	70	05
Quetta	Sibi	000	0	0	00	00	98	00	0	946	09	0	0	9	0	0	68	10
Kalat	Nokkundi	000	0	0	34	09	98	02	0	987	95	0	0	9	0	0	25	96
	Turbat	000	0	0	31	02	97	00	0	996	03	0	0	9	0	0	82	08
	Jiwani	000	0	1	18	09	97	01	0	007	84	1	6	4	0	0	77	87
	Pasni	009	0	0	23	24	94	05	0	015	83	0	0	9	0	0	74	87
	Ormara	000	0	0	××	××	98	00	0	021	83	0	0	9	0	0	77	84
	Las Bela	000	0	0	09	04	98	00	0	004	96	0	0	9	0	0	74	××
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	12	97	01	2	016	86	2	6	4	0	0	81	88
	Karachi (Air port)	000	0	6	25	16	97	03	2	008	84	6	5	6	0	0	71	88
	Badin	000	0	0	23	03	97	00	0	016	92	0	0	9	0	0	70	94
	Nagarparkar	×××	×	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Umerkot	000	0	0	23	03	97	00	0	975	95	0	0	9	0	0	70	97
	Hyderabad	000	0	6	23	07	97	03	1	988	93	0	0	9	0	1	69	97
Khairpur	Pad-Idan	000	0	3	18	05	98	02	1	971	00	0	0	9	0	2	63	03
	Nawabshah	000	0	4	18	09	97	02	1	976	00	0	0	9	0	2	73	02
	Sukkur	000	8	4	25	02	96	03	1	963	00	0	0	9	0	8	78	01
	Kashmore	000	0	0	05	04	99	00	0	927	99	0	0	9	0	0	73	03
	Jacobabad	000	0	0	03	03	97	03	0	996	00	0	0	9	0	1	69	03
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	36	02	99	00	0	008	89	0	0	9	0	0	81	92
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	6	16	11	96	01	1	043	58	6	4	9	0	0	26	69
	Aliabad *																	
	Gilgit *																	
Peshawar, D.I. Khan	Murree *	000	5	2	29	05	98	01	1	419	73	2	1	4	0	0	53	75
	Drosh *	000	1	6	05	09	96	01	9	461	79	4	1	2	8	5	69	96
	Cherat *	000	0	0	18	02	96	00	0	431	89	0	0	9	0	0	57	91
	Kakul *	000	4	1	16	03	98	01	0	425	84	1	4	8	0	0	57	87
	Landi Kotal *	000	0	7	34	03	97	03	0	412	90	7	0	9	5	0	49	93
	Parachinar *	000	0	8	13	02	99	02	0	797	80	8	2	7	×	×	54	××
	Miranshah *	000	0	0	05	02	99	00	0	444	94	0	0	9	0	0	96	95
	Wana *	000	0	0	11	02	98	00	0	400	89	0	0	9	0	0	37	93
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	405	94	0	0	9	0	1	21	96
	Hindubagh *	000	0	0	00	00	98	00	0	406	87	0	0	9	0	0	32	89
	Loralai *	000	0	0	16	02	98	00	0	450	89	0	0	9	0	0	31	91
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	29	07	97	02	0	427	88	1	1	7	0	0	37	90
	Chaman *	000	0	0	[illegible]	03	99	00	0	448	89	0	0	9	0	0	54	92
Kalat	Kalat *	000	0	0	34	07	98	00	0	427	79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84
	[illegible] *	[illegible]	0	[illegible]	27	09	94	[illegible]	[illegible]	[illegible]	96	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible] *	[illegible]	0	[illegible]	23	[illegible]	[illegible]	02	[illegible]	[illegible]	96	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible] *	[illegible]	[illegible]	[illegible]	31	[illegible]	[illegible]	[illegible]	0	[illegible]	92	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Afghanistan	Kabul *	000	0	[illegible]	36	[illegible]	[illegible]	03	0	[illegible]	81	[illegible]	[illegible]	7	[illegible]	[illegible]	47	[illegible]
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum temperature °F. TnTn (36)
Cox's Bazar	097	9	8	11	03	96	02	6	052	78	8	4	7	×	×	76	76
Chittagong	191	4	8	13	09	96	61	6	×××	77	8	7	4	×	×	76	75
Maijdee Court	170	2	8	13	05	97	51	6	030	79	4	7	5	4	×	76	76
Comilla	131	3	8	18	03	97	60	6	039	76	8	4	4	×	×	76	76
Brahmanbaria	033	2	7	13	09	96	03	6	039	80	7	5	4	0	0	76	77
Sylhet	000	2	8	23	05	96	02	6	052	80	6	4	5	2	×	75	80
Srimangal	057	4	8	18	02	97	02	6	048	77	8	5	6	×	×	75	75
Mymensingh	028	5	8	11	05	98	02	6	038	81	8	4	5	×	×	75	74
Narayanganj	022	9	8	00	07	94	03	6	025	80	8	7	4	×	×	77	79
Dacca (Tejgaon)	009	9	8	13	07	97	61	6	013	80	5	3	3	3	×	77	74
Faridpur	056	9	8	11	10	96	50	5	002	80	8	7	6	×	×	76	75
Barisal	063	9	8	13	01	95	03	6	010	79	8	7	5	×	×	78	76
Khulna	047	9	8	18	03	96	03	6	003	77	8	5	5	×	×	76	77
Satkhira	067	3	8	00	00	96	61	2	005	79	8	6	6	×	×	77	77
Jessore	021	5	8	05	03	96	03	6	987	79	8	7	5	×	×	78	76
Sirajganj	015	0	8	09	06	96	02	0	010	82	8	5	4	×	×	76	79
Bogra	004	0	6	09	03	97	02	1	012	83	6	4	6	0	0	76	77
Dinajpur	006	2	3	09	03	96	02	5	023	84	3	0	9	2	0	77	73
Rangpur	026	0	5	09	02	96	01	5	×××	82	5	5	6	0	0	76	77
Jammu																	
Lahore (Jail Rd.)	000	0	3	09	03	96	03	0	023	83	3	0	9	×	0	74	75
Sialkot	000	0	0	05	02	97	00	0	024	84	0	0	9	0	0	71	75
Jhelum	000	0	3	18	02	97	03	1	024	82	3	0	9	3	0	62	72
Rawalpindi	000	0	6	20	05	98	02	2	010	80	6	2	6	0	0	59	73
Khushab	000	0	0	11	02	98	00	0	021	87	0	0	9	0	0	68	77
Lyallpur	000	0	0	02	03	96	00	0	004	82	0	0	9	0	0	75	79
Montgomery	000	0	3	13	02	98	02	1	008	88	3	0	9	4	0	75	77
Multan	000	0	0	13	02	96	00	0	994	82	0	0	9	0	0	70	77
Leiah																	
Khanpur	000	0	0	25	04	96	00	0	013	80	0	0	9	0	0	74	78
Bahawalpur	000	0	0	00	00	97	00	0	014	85	0	0	9	0	0	76	78
Fort Abbas	000	0	3	23	03	97	02	0	010	89	3	1	6	0	0	71	79
Chakdara	000	0	8	××	××	97	20	9	029	77	8	6	7	×	×	68	56
Peshawar	000	0	7	26	07	96	05	1	034	78	4	5	6	3	0	57	73
Haripur	000	5	4	13	02	97	03	1	020	80	4	2	6	0	0	59	73
Campbellpur	000	0	4	31	03	98	01	1	031	82	4	0	8	6	0	58	78
Bannu	000	1	5	09	02	99	17	2	020	85	5	0	9	4	0	70	80
D.I. Khan	000	0	0	05	02	97	00	0	013	83	0	0	9	0	0	71	79
Sibi	000	0	0	00	00	99	00	0	995	85	0	0	9	0	0	72	85
Nokkundi	000	0	0	34	05	99	02	0	052	77	0	0	9	0	0	48	79
Turbat	000	0	0	13	01	98	00	0	010	92	0	0	9	0	0	××	82
Jiwani	000	0	0	00	00	97	02	1	034	78	0	0	9	0	0	74	73
Pasni	000	0	5	27	05	96	02	0	051	75	5	5	7	0	0	75	73
Ormara	000	0	6	××	××	98	02	1	049	78	6	4	5	0	0	75	75
Las Bela	000	0	2	00	00	98	02	0	996	83	0	0	9	0	3	72	72
Karachi (Manora)	000	0	7	27	05	96	03	2	029	80	7	0	9	7	0	77	78
Karachi (Air port)	000	0	6	25	09	96	03	1	030	81	6	6	5	0	0	71	78
Badin	000	0	0	23	02	96	00	0	035	82	0	0	9	0	0	63	××
Nagarparkar	×××	×	0	00	00	98	00	0	×××	××	0	0	9	0	0	××	××
Umerkot	000	0	0	23	01	97	00	0	003	78	0	0	9	0	0	72	74
Hyderabad	000	0	3	20	10	97	03	0	015	80	3	0	6	0	0	77	77
Pad-Idan	000	0	0	13	02	98	02	0	995	79	0	0	9	0	0	70	75
Nawabshah	000	0	0	18	01	97	02	0	004	81	0	0	9	0	0	74	76
Sukkur	000	9	0	23	03	96	00	0	002	78	0	0	9	0	0	71	75
Kashmore	000	0	0	18	01	99	00	0	994	80	0	0	9	0	0	79	××
Jacobabad	000	0	0	13	07	98	02	0	004	87	0	0	9	0	0	73	76
Veraval																	
Jalalabad																	
Muscat	000	0	0	00	00	99	00	0	019	88	0	0	9	0	0	80	85
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	000	0	3	31	11	96	02	0	021	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aliabad *																	
Gilgit *																	
Murree *	066	9	3	34	03	98	01	9	454	63	2	1	4	8	0	54	53
Drosh *	000	9	7	00	00	96	03	9	466	68	7	5	7	8	0	46	66
Cherat *	000	3	6	00	00	96	03	2	446	70	6	0	9	8	0	57	66
Kakul *	032	5	2	34	05	99	01	9	488	68	2	2	7	0	0	56	61
Landi Kotal *	000	0	2	02	03	97	03	0	450	74	2	0	9	5	0	59	70
Parachinar *	000	0	2	00	00	99	02	0	794	71	2	1	8	0	0	49	××
Miranshah *	000	0	0	00	00	99	00	0	480	77	0	0	9	0	0	73	73
Wana *	000	0	0	00	00	98	00	0	448	72	0	0	9	0	0	51	64
Fort Sandeman *	000	0	0	00	00	96	00	0	435	75	0	0	9	0	0	37	65
Hindubagh *	000	0	0	21	02	98	00	0	453	67	0	0	9	0	0	36	61
Loralai *	000	0	0	23	02	98	00	0	436	67	0	0	9	0	0	20	61
Harnai *	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××
Quetta *	[illegible]	0	0	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]	0	0	[illegible]	0	0	39	46
Chaman *	[illegible]	0	[illegible]	[illegible]	05	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kalat *	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] *	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] *	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] *	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kabul *	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kandahar *																	

Departure from Normal of / Rainfall

Station (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	− 3	0	99.2	+ 4.1	110.1	140
Chittagong	+ 1	− 1	62.6	− 3.8	70.1	108
Maijdee Court	0	− 2	51.5	− 17.6	59.9	115
Comilla	+ 2	− 1	35.6	− 16.8	47.4	94
Brahmanbaria	—	—	31.9	− 4.0	52.8	78
Sylhet	—	—	61.3	—	111.9	..
Srimangal	+ 2	0	53.5	+ 4.9	79.1	98
Mymensingh	+ 3	− 2	44.4	− 5.2	58.4	91
Narayanganj	+ 5	0	40.0	+ 1.0	56.2	74
Dacca (Tejgaon)	—	—	24.0	—	58.0	..
Faridpur	0	− 4	35.6	− 2.4	47.8	71
Barisal	− 5	− 2	35.3	− 11.5	52.3	81
Khulna	− 5	− 1	35.1	− 5.9	52.1	68
Satkhira	+ 4	− 1	25.0	− 11.0	45.7	65
Jessore	—	—	34.7	− 1.1	38.0	45
Sirajganj	+ 3	0	50.3	+ 14.6	61.2	64
Bogra	+ 2	− 1	50.4	+ 11.2	57.9	69
Dinajpur	+ 2	− 5	38.9	− 1.3	42.3	71
Rangpur	0	0	30.6	− 9.5	42.0	84
Jammu						..
Lahore (Jail Rd.)	+ 2	− 1	16.3	+ 3.9	25.0	19
Sialkot	+ 5	− 2	21.7	+ 1.5	44.9	32
Jhelum	—	—	16.6	—	27.3	..
Rawalpindi	+ 7	0	13.4	− 6.4	29.3	36
Khushab	+ 5	− 2	8.2	− 0.7	16.9	15
Lyallpur	+ 12	+ 1	10.1	+ 2.4	16.2	12
Montgomery	− 2	− 3	6.4	+ 0.2	10.2	10
Multan	+ 5	− 4	0.7	− 3.7	4.1	7
Leiah						8
Khanpur	− 1	− 1	0.2	− 4.4	1.2	6
Bahawalpur	0	0	1.3	− 2.8	2.5	6
Fort Abbas	—	—	2.6	—	5.5	8
Chakdara	—	—	2.7	—	17.5	..
Peshawar	+ 2	− 3	1.8	− 1.8	12.9	14
Haripur	—	—	5.5	—	19.6	..
Campbellpur	—	—	4.8	—	20.2	..
Bannu	—	—	2.3	—	9.4	11
D.I. Khan	+ 5	0	2.3	− 2.6	7.8	10
Sibi	—	—	1.1	—	6.2	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	..
Jiwani	—	—	0	—	3.1	4
Pasni	− 1	− 1	0	− 0.9	6.2	6
Ormara	—	—	0	− 0.8	3.8	6
Las Bela	—	—	1.5	—	2.6	8
Karachi (Manora)	+ 3	0	0.6	− 4.9	1.1	8
Karachi (Air port)	—	—	0.9	—	1.4	..
Badin	+ 1	—	3.6	− 2.7	3.6	9
Nagarparkar	—	—	—	—	—	
Umerkot	—	—	4.7	—	4.7	
Hyderabad	+ 1	− 1	0.9	− 4.5	2.8	7
Pad-Idan	—	—	0.1	—	1.4	..
Nawabshah	—	—	0.1	—	0.6	4
Sukkur	—	—	0.1	—	2.9	4
Kashmore	—	—	—	—	—	..
Jacobabad	0	− 4	0	− 2.1	3.5	4
Veraval						20
Jalalabad						..
Muscat	+ 2	+ 2	0	− 0.7	6.9	4
Kuwait						..
HILL STATIONS						
Srinagar *						26
Gulmarg **						
Sonamarg **						71
Dras **						76
Leh **						3
Skardu *						6
Misgar **	—	—	—	—	—	..
Aliabad *						..
Gilgit *						5
Murree *	+ 5	+ 3	21.9	− 8.5	55.8	59
Drosh *	+ 3	− 4	1.9	—	24.0	18
Cherat *	+ 6	− 2	3.9	− 6.2	24.6	29
Kakul *	—	—	12.6	—	40.1	..
Landi Kotal *	—	—	0.9	—	15.1	
Parachinar *	—	—	6.7	—	25.8	29
Miranshah *	—	—	3.1	− 0.5	15.4	13
Wana *	—	—	1.1	—	13.2	
Fort Sandeman *	+ 1	[illegible]	2.8	− 3.3	12.9	11
Hindubagh *	—	—	0	—	13.3	..
Loralai *	—	—	1.8	—	10.7	
Harnai *	—	—	2.8	− 4.5	14.3	14
Quetta *	—	—	0	− 1.0	9.5	9
Chaman *	[illegible]	[illegible]	0	− 0.1	10.2	8
Kalat *	[illegible]	[illegible]	[illegible]	− 1.1	8.4	7
[illegible] *	[illegible]	[illegible]	[illegible]	[illegible]	6.6	..
[illegible] *	[illegible]	[illegible]	[illegible]	− 0.8	4.4	4
[illegible] *	[illegible]	[illegible]	[illegible]	[illegible]	4.5	5
Kabul *	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10
Kandahar *						..

†Given in Code.

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

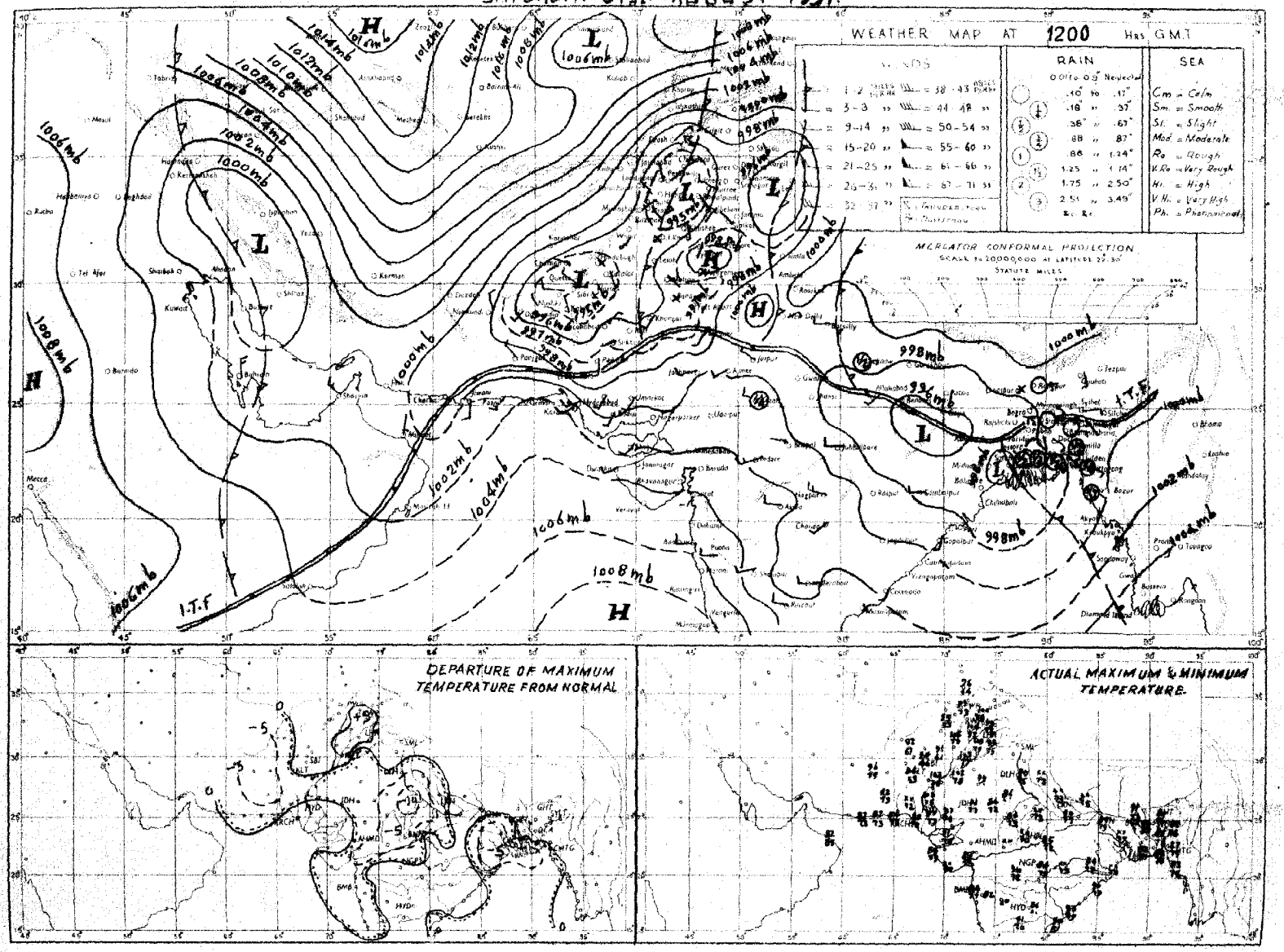
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 [illegible]

Whenever 999 is given, [illegible] see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER MAP

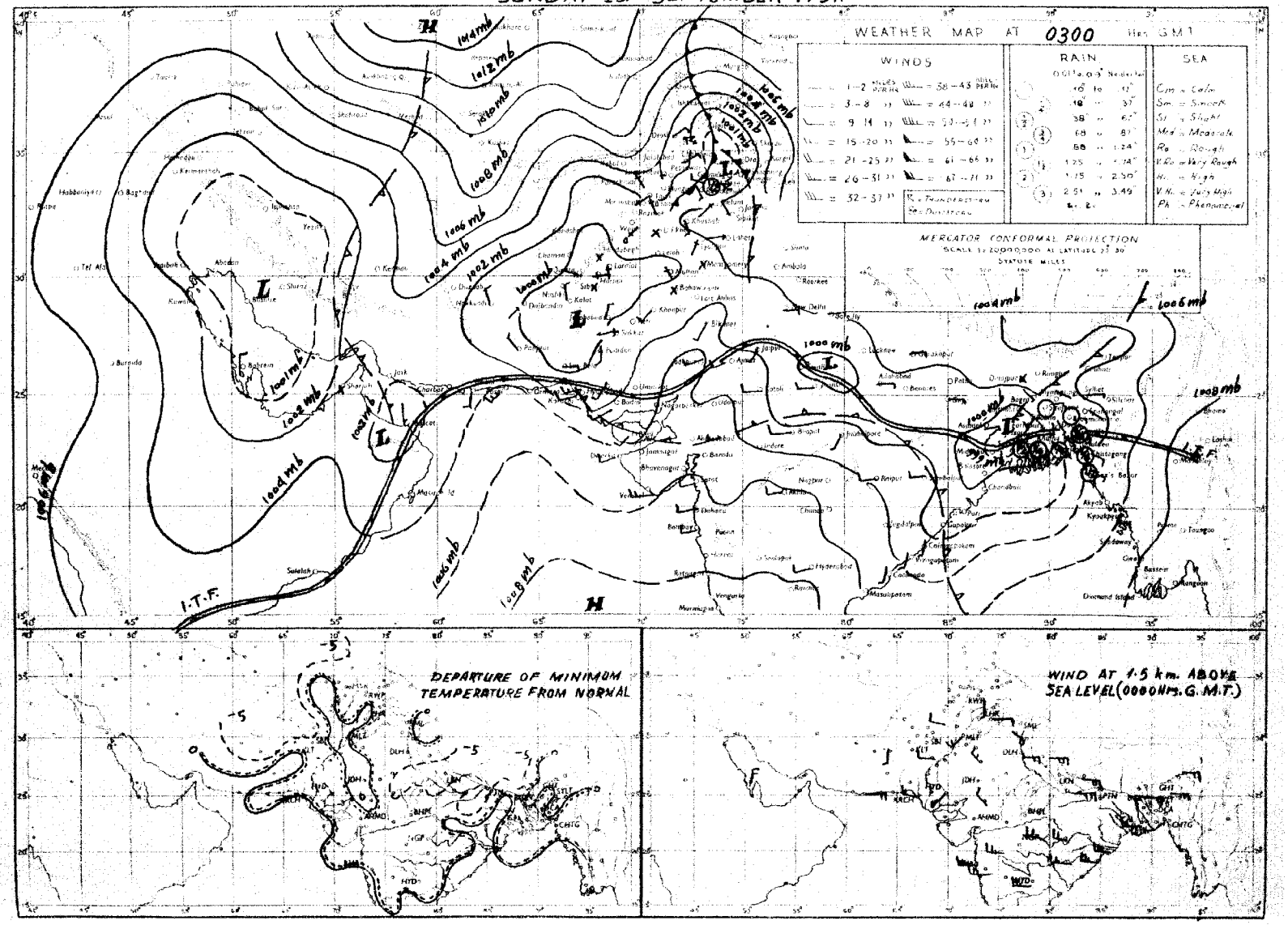
SATURDAY 31st: AUGUST 1957.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 1st: SEPTEMBER 1957.



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

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Reg. No. S 1437

PAKISTAN DAILY WEATHER REPORT

MONDAY, THE 2nd SEPTEMBER, 1957.

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

Yesterday's low pressure wave over Kashmir has moved away eastwards after causing scattered thunderstorms/showers in Rawalpindi, Multan and Peshawar divisions.

The low over West Bengal now lies as a low pressure area extending from West Uttar Pradesh to Chota Nagpur. Rainfall has been widespread in Dacca division and fairly widespread elsewhere over East Pakistan.

Chief amounts of rainfall are:—Maijdee Court and Khulna 1¼" each, Barisal and Satkhira 1" each; Sylhet, Srimangal, Jessore and Sirajganj ½" each, and Narayanganj, Dacca and Faridpur ¼" each.

Day temperatures were 3-9°F below normal in Quetta, D. I. Khan, Peshawar, Chittagong, West Kalat and southern districts of Dacca and Rajshahi divisions.

Forecast valid until the evening of 3rd:—Fairly widespread rain will occur in East Pakistan. Scattered thunderstorms/showers are likely in Lahore, Rawalpindi and Peshawar divisions and in Kashmir.

Karachi-11.
The 2nd September, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	002	6	6	11	02	96	02	6	030	81	3	4	7	1	0	78	82
	Chittagong	xxx	8	8	13	05	96	02	6	026	81	8	6	5	x	x	77	81
	Maijdee Court	125	8	8	13	02	96	03	6	015	78	4	5	4	4	x	77	80
	Comilla	030	4	8	00	00	97	02	2	030	77	8	4	4	x	x	75	79
	Brahmanbaria	009	3	8	13	03	97	03	6	018	78	8	5	3	x	x	77	82
	Sylhet	039	7	8	05	02	96	60	6	036	79	4	5	6	2	x	78	80
	Srimangal	043	6	8	18	02	97	60	6	029	80	8	4	6	x	x	77	83
Dacca	Mymensingh	027	6	8	13	05	97	02	6	028	78	8	6	4	x	x	77	86
	Narayanganj	037	7	8	13	07	94	03	6	017	79	8	7	4	x	x	68	81
	Dacca (Tezgaon)	022	9	8	13	07	97	51	6	015	78	6	5	3	2	x	77	81
	Faridpur	022	6	8	16	10	96	02	6	991	78	8	4	6	x	x	76	85
	Barisal	063	7	8	00	00	95	02	6	006	78	8	7	5	x	x	76	88
Rajshahi	Khulna	145	8	8	00	00	96	03	6	011	79	8	5	5	x	x	78	80
	Satkhira	074	0	8	00	00	96	03	2	995	80	8	6	6	x	x	77	xx
	Jessore	044	7	8	13	03	96	60	6	993	80	8	7	5	x	x	79	85
	Sirajganj	045	6	8	09	06	96	02	6	003	79	8	7	5	x	x	76	85
	Bogra	040	3	6	13	03	96	02	6	000	79	6	7	5	0	0	78	87
	Dinajpur	000	8	6	09	09	96	02	1	999	83	6	5	6	0	0	76	88
	Rangpur	000	0	6	09	13	96	03	1	xxx	83	5	5	6	1	0	xx	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	2	00	00	96	01	1	007	89	1	8	7	3	0	73	94
	Sialkot	000	1	2	13	02	97	02	1	005	90	2	2	6	0	0	74	94
Rawalpindi	Jhelum	000	0	6	13	05	98	03	1	005	91	4	2	6	2	0	70	94
	Rawalpindi	000	0	7	00	00	98	03	9	986	92	7	5	6	0	0	61	96
	Khushab	000	0	3	09	07	97	03	1	007	87	3	9	6	0	0	62	98
Multan	Lyallpur	000	0	4	07	02	96	01	0	001	92	4	0	9	4	0	76	95
	Montgomery	000	0	0	00	00	97	00	0	990	95	0	0	9	0	0	75	97
	Multan	000	0	0	23	02	96	00	0	985	98	0	0	9	0	0	65	99
Bahawalpur	Leiah																	
	Khanpur	000	0	0	36	03	96	00	0	975	99	0	0	9	0	0	73	01
	Bahawalpur																	
	Fort Abbas	000	0	4	05	02	97	02	0	973	01	4	1	6	0	0	65	05
Peshawar	Chakdara	000	0	2	xx	xx	98	01	2	957	87	2	4	7	0	0	67	89
	Peshawar	000	8	7	05	03	97	17	9	998	87	3	3	6	2	0	65	91
	Haripur	000	9	3	13	02	97	03	2	982	93	0	0	9	0	4	67	96
	Campbellpur	000	4	6	05	05	98	03	5	000	93	6	0	8	7	0	61	93
D.I. Khan	Bannu	000	3	6	07	02	99	03	2	019	84	6	0	9	6	0	59	94
	D.I. Khan	000	6	5	00	00	98	03	0	004	97	0	0	9	0	5	72	98
Quetta	Sibi	000	0	0	18	01	98	00	0	959	07	0	0	9	0	0	71	08
Kalat	Nokkundi	000	0	0	34	09	98	02	0	995	92	0	0	9	0	0	61	94
	Turbat	000	0	0	31	02	97	00	0	995	02	0	0	9	0	0	80	11
	Jiwani	000	0	1	18	09	97	01	0	007	84	1	6	4	0	0	77	88
	Pasni	000	0	0	23	19	96	00	0	020	83	0	0	9	0	0	74	87
	Ormara	000	0	0	xx	xx	98	00	0	027	83	0	0	9	0	0	79	84
	Las Bela	000	0	2	13	06	97	02	7	012	97	0	0	9	0	2	72	02
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	23	09	98	01	1	011	84	2	0	9	5	0	80	87
	Karachi (Air port)	000	0	7	23	12	96	03	2	013	83	7	5	5	0	0	72	88
	Badin	000	0	0	23	02	97	00	0	016	92	0	0	9	0	0	70	94
	Nagarparkar	xxx	x	0	25	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	23	03	97	00	0	975	96	0	0	9	0	0	59	97
	Hyderabad	000	0	6	23	09	97	02	0	998	92	0	0	9	0	1	70	95
Khairpur	Pad-i-dan	000	0	1	18	05	98	02	0	975	03	0	0	9	0	1	57	03
	Nawabshah	000	0	1	18	05	97	03	0	982	01	0	0	9	0	1	75	03
	Sukkur	000	0	0	00	00	96	00	0	973	02	0	0	9	0	0	74	02
	Kashmore	000	0	0	18	03	99	00	0	960	95	0	0	9	0	0	78	01
	Jacobabad	000	0	0	13	07	97	02	0	975	00	0	0	9	0	0	74	01
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	007	87	0	0	9	0	0	80	93
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	3	31	03	98	01	1	452	69	3	0	9	8	0	59	71
Peshawar	Drosh *	003	2	8	23	12	95	61	6	447	77	8	5	6	x	x	44	89
	Cherat *	000	8	6	31	02	96	03	1	449	78	6	0	9	7	0	55	80
	Kakul *	000	7	2	25	05	98	03	1	448	80	2	0	9	7	0	61	83
	Landi Kotal *	000	0	7	34	02	97	02	1	442	81	7	0	9	2	0	44	85
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	797	80	0	0	9	0	0	xx	xx
	Miranshah *	000	0	0	05	02	99	00	0	485	82	0	0	9	0	0	79	89
	Wana *	000	0	2	11	02	97	02	1	438	80	2	2	8	0	0	57	86
Quetta	Fort Sandeman *	000	0	0	23	05	96	00	0	426	86	0	0	9	0	0	45	93
	Hindubagh *	000	0	0	27	02	98	00	0	411	87	0	0	9	0	0	47	90
	Loralai *	000	0	4	13	02	98	02	1	440	87	4	0	9	2	0	34	90
	Harnai *	000	0	0	18	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	34	10	97	03	0	432	86	1	1	7	0	0	23	88
	Chaman *	000	0	0	23	02	96	00	0	447	89	0	0	9	0	0	57	90
Kalat	Kalat *	000	0	0	34	09	98	00	0	421	78	0	0	9	0	0	27	84
	Nushki *	000	0	0	30	19	96	00	0	487	94	0	0	9	0	0	54	94
	Dalbandin *	000	0	0	23	05	95	05	0	445	93	0	0	9	0	0	36	95
	Panjgur *	000	0	0	31	05	98	00	0	454	90	0	0	9	0	0	24	90
Afghanistan	Kabul *	000	0	3	36	05	98	03	1	478	77	3	2	7	0	0	xx	85
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	002	9	3	13	05	96	01	0	078	85	1	1	6	0	0	75	75
Chittagong	016	0	4	13	02	97	01	0	062	84	2	1	7	1	0	76	76
Maijdee Court	175	2	6	13	05	98	01	0	060	83	4	2	6	2	0	78	74
Comilla	030	9	4	00	00	98	03	6	060	82	4	4	5	0	0	78	75
Brahmanbaria	009	4	4	13	02	97	03	2	065	85	4	5	5	0	0	78	80
Sylhet	044	7	7	09	02	97	02	6	062	84	5	0	9	7	8	78	75
Srimangal	043	9	4	23	02	97	02	6	043	84	3	8	6	0	2	75	74
Mymensingh	027	0	6	11	02	98	02	2	059	83	6	4	5	0	0	77	76
Narayanganj	029	9	8	16	05	95	03	6	064	84	6	7	4	2	x	78	78
Dacca (Tezgaon)	028	7	8	13	02	97	02	6	059	83	4	4	5	2	x	79	78
Faridpur	022	9	8	16	07	96	03	0	030	84	8	5	6	x	x	79	76
Barisal	114	9	7	18	02	96	03	6	057	83	7	0	9	4	0	80	74
Khulna	149	9	8	00	00	97	03	6	055	81	8	5	6	x	x	79	77
Satkhira	097	0	8	00	00	96	03	2	048	81	8	2	6	x	x	79	75
Jessore	062	9	8	13	02	96	03	6	045	78	8	7	5	x	x	77	76
Sirajganj	045	0	8	09	03	96	02	6	048	82	8	5	5	x	x	78	78
Bogra	005	6	5	00	00	97	02	6	051	81	5	6	6	0	0	77	76
Dinajpur	010	2	8	09	02	96	02	5	052	83	6	4	7	2	x	78	75
Rangpur	000	0	7	09	05	96	03	2	xxx	82	7	5	6	0	0	76	78
Jammu																	
Lahore (Jail Rd.)	000	9	2	18	03	96	03	2	030	82	2	0	9	3	0	75	77
Sialkot	000	0	0	13	03	98	00	0	029	83	0	0	9	0	0	72	77
Jhelum	007	4	2	23	03	98	02	9	030	84	1	0	9	3	0	75	76
Rawalpindi	000	0	6	00	00	98	03	2	019	81	6	2	6	0	0	69	74
Khushab	000	0	2	09	03	98	03	2	029	84	1	1	6	3	0	76	79
Lyallpur	009	9	0	16	02	96	02	9	013	85	0	0	9	0	0	65	76
Montgomery	000	0	0	13	02	98	00	0	020	81	0	0	9	0	0	75	76
Multan	000	9	6	05	02	96	01	2	019	81	0	0	9	0	1	67	75
Leiah																	
Khanpur	000	0	0	02	04	96	00	0	027	84	0	0	9	0	0	77	78
Bahawalpur	000	0	0	00	00	97	00	0	013	84	0	0	9	0	0	70	78
Fort Abbas																	
Chakdara	000	0	0	xx	xx	97	00	0	021	74	0	0	9	0	0	58	52
Peshawar	000	9	0	00	00	98	02	9	024	78	0	0	9	0	0	62	73
Haripur	000	5	3	27	02	97	01	0	011	82	0	0	9	0	3	64	74
Campbellpur	000	0	0	00	00	98	00	0	018	81	0	0	9	0	0	59	78
Bannu	000	0	0	13	02	99	00	0	018	84	0	0	9	0	0	65	72
D.I. Khan	000	0	0	00	00	97	00	0	010	81	0	0	9	0	0	71	76
Sibi	000	0	0	00	00	99	00	0	014	86	0	0	9	0	0	74	86
Nokkundi	000	0	0	34	09	99	02	0	063	75	0	0	9	0	0	31	75
Turbat	000	0	0	23	02	98	00	0	067	91	0	0	9	0	0	xx	83
Jiwani	000	0	0	13	03	96	02	0	038	77	0	0	9	0	0	75	73
Pasni	000	0	0	27	09	95	06	0	060	74	0	0	9	0	0	73	71
Ormara	000	0	6	xx	xx	98	02	1	057	78	6	0	9	4	0	77	76
Las Bela	000	0	0	00	00	98	00	0	047	80	0	0	9	0	0	75	75
Karachi (Manora)	000	0	3	27	07	97	01	0	033	80	3	0	9	5	0	76	78
Karachi (Air port)	000	0	5	27	02	96	03	2	037	79	5	6	5	0	0	73	77
Badin	000	0	0	23	02	96	00	0	054	80	0	0	9	0	0	71	xx
Nagarparkar	xxx	x	4	27	02	97	03	0	xxx	xx	4	0	9	6	0	xx	xx
Umarkot	000	0	0	23	01	97	00	0	020	81	0	0	9	0	0	73	75
Hyderabad	000	0	2	20	07	97	03	0	020	79	0	0	9	0	1	72	77
Pad-i-dan	000	0	0	18	05	98	02	0	017	79	0	0	9	0	0	70	74
Nawabshah	000	0	0	18	05	97	02	0	019	79	0	0	9	0	0	73	73
Sukkur	000	0	0	00	00	96	00	0	020	81	0	0	9	0	0	73	76
Kashmore	000	0	0	18	05	99	00	0	xxx	83	0	0	9	0	0	71	81
Jacobabad	000	0	0	09	03	96	02	0	027	83	0	0	9	0	0	74	78
Veraval																	
Jalalabad																	
Muscat	000	0	0	09	05	99	00	0	031	86	0	0	9	0	0	81	85
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	000	0	0	00	00	98	00	0	021	51	0	0	9	0	0	35	42
Aliabad *																	
Gilgit *																	
Murree *	000	9	6	27	03	98	02	1	448	63	3	5	5	5	0	xx	56
Drosh *	004	4	0	00	00	96	02	9	486	68	0	0	9	0	0	43	62
Cherat *	000	0	0	36	02	96	03	0	457	71	0	0	9	0	0	56	62
Kakul *	000	9	3	25	02	97	03	1	452	70	3	0	9	7	0	60	65
Landi Kotal *	000	0	0	00	00	98	00	0	439	72	0	0	9	0	0	55	63
Parachinar *	000	0	0	00	00	98	00	0	794	70	0	0	9	0	0	49	xx
Miranshah *	000	0	0	00	00	99	00	0	477	78	0	0	9	0	0	74	70
Wana *	000	0	0	00	00	97	00	0	457	70	0	0	9	0	0	57	64
Fort Sandeman *	000	0	0	00	00	96	00	0	450	74	0	0	9	0	0	54	64
Hindubagh *	000	0	0	00	00	98	00	0	463	65	0	0	9	0	0	38	59
Loralai *	000	0	0	23	02	98	00	0	438	65	0	0	9	0	0	55	60
Harnai *	000	0	0	31	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	0	00	00	96	00	0	454	60	0	0	9	0	0	46	47
Chaman *	000	0	0	20	03	97	00	0	465	70	0	0	9	0	0	49	63
Kalat *	000	0	0	16	03	98	00	0	474	62	0	0	9	0	0	32	47
Nushki *	000	0	0	02	05	97	00	0	518	73	0	0	9	0	0	37	70
Dalbandin *	000	0	0	00	00	95	05	0	446	69	0	0	9	0	0	35	60
Panjgur *	000	0	0	13	02	98	00	0	459	72	0	0	9	0	0	35	68
Kabul *	000	2	2	36	02	99	03	2	530	58	2	1	7	0	0	53	51
Kandahar *																	

Departure from Normal of / Rainfall

Station (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	-4	-1	99.2	+3.4	110.1	140
Chittagong	0	0	62.8	-3.3	70.2	108
Maijdee Court	-6	-4	53.3	-16.6	61.6	115
Comilla	-9	-2	35.8	-17.0	47.7	84
Brahmanbaria	—	—	35.0	-4.3	52.9	78
Sylhet	—	—	61.7	—	112.3	..
Srimangal	-7	-1	52.9	+4.8	79.5	98
Mymensingh	-2	-2	44.6	-3.3	58.7	91
Narayanganj	-7	-1	40.3	+0.9	56.5	74
Dacca (Tezgaon)	—	—	24.3	—	58.3	..
Faridpur	-3	-3	35.9	2.5	48.0	71
Barisal	+1	-4	36.4	-10.8	53.4	81
Khulna	-8	-1	36.6	-4.8	53.6	68
Satkhira	x	-3	25.9	-12.1	46.7	65
Jessore	—	—	35.3	-0.8	38.7	63
Sirajganj	-3	-1	50.7	+14.5	61.6	64
Bogra	-2	-2	50.5	+10.8	57.9	69
Dinajpur	-1	-3	39.0	-4.8	42.4	72
Rangpur	0	+1	38.6	-10.1	42.0	84
Jammu						..
Lahore (Jail Rd.)	-3	+1	16.3	+2.8	25.0	19
Sialkot	0	0	21.7	+1.3	44.9	32
Jhelum	—	—	16.6	—	27.4	..
Rawalpindi	+3	+1	13.4	-6.6	29.5	36
Khushab	-1	0	8.2	-0.8	16.9	15
Lyallpur	-2	-2	10.1	+2.2	16.2	12
Montgomery	-4	-4	6.4	+0.1	10.2	10
Multan	+1	-6	0.7	-3.7	4.1	7
Leiah						8
Khanpur	-2	-1	0.2	-4.4	1.7	6
Bahawalpur	—	0	1.3	-2.8	2.5	6
Fort Abbas	—	—				8
Chakdara	—	—	2.7	—	17.5	
Peshawar	-6	-3	1.8	-1.9	12.9	14
Haripur	—	—	5.5	—	19.6	..
Campbellpur	—	—	4.8	—	20.2	..
Bannu	—	—	2.3	—	9.4	11
D.I. Khan	-3	-3	2.3	-2.7	7.8	10
Sibi	—	—	1.1	—	6.2	5
Nokkundi	—	—	0.	—	1.9	2
Turbat	—	—	2.5	—	5.9	..
Jiwani	—	—	0	—	3.1	4
Pasni	-1	-3	0	-0.9	6.2	6
Ormara	—	—	0	-0.8	3.9	4
Las Bela	—	—	1.5	—	2.6	8
Karachi (Manora)	+1	0	0.6	-4.9	1.1	8
Karachi (Air port)	—	—	0.9	—	1.4	
Badin	+1	—	3.6	-2.8	3.6	9
Nagarparkar	x	x	—	—	—	
Umarkot	—	—	4.7	—	4.7	
Hyderabad	-2	-1	0.9	-4.5	2.8	7
Pad-i-dan	—	—	0.1	—	1.4	..
Nawabshah	—	—	0.1	—	0.6	..
Sukkur	—	—	0.1	—	2.9	4
Kashmore	—	—	—	—	—	..
Jacobabad	-2	-2	0	-2.1	3.5	4
Veraval						20
Jalalabad						..
Muscat	+3	+2	0	-0.1	6.9	4
Kuwait						..
HILL STATIONS						
Srinagar *						26
Gulmarg **						71
Sonamarg **						
Dras **						36
Leh **						3
Skardu *						6
Misgar **		—	—	—	—	..
Aliabad *						
Gilgit *						5
Murree *	+2	0	21.9	-8.8	55.8	59
Drosh *	-2	-6	1.9	—	24.0	18
Cherat *	-5	-6	3.9	-6.3	24.6	29
Kakul *	—	—	12.6	—	40.1	..
Landi Kotal *	—	—	0.9	—	15.1	
Parachinar *	—	—	6.7	—	25.8	29
Miranshah *	—	—	3.1	-0.6	15.4	13
Wana *	—	—	1.1	—	13.2	
Fort Sandeman *	-3	-6	2.4	-2.3	12.9	11
Hindubagh *	—	—	0	—	12.3	..
Loralai *	—	—	1.9	—	10.7	
Harnai *	—	—	2.0	-4.6	14.3	14
Quetta *	—	—	0	-1.0	9.5	9
Chaman *	-4	-4	0	-0.1	10.2	8
Kalat *	-2	-6	0	-1.1	8.4	2
Nushki *	—	—	0	—	8.0	..
Dalbandin *	-8	-5	0	-0.3	4.4	4
Panjgur *	-9	—	0	—	4.2	3
Kabul *	—	—	—	—	—	12
Kandahar *						

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day.

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 2nd SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O $T_s T_s$ $T_d T_d$	$I_d w_d w_d P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tokomaru	13 097	757 00	2 27 12	96 01 0	095 79	21 4 00	3 6 709	..	0 03 75	
Dando	13 233	593 06	0 00 00	98 00 0	950 90	00 9 00	3 5 400	..	0 00 90	1 00 ××
Calcar	13 226	598 12	0 14 15	96 02 0	010 79	00 9 00		..	0 51 73	1 14 33
Tegelus	13 230	607 12	1 19 13	99 02 0	036 79	15 5 00	3 5 617	..	0 56 75	1 19 43
Caltex Utrecht	13 214	596 18	8 18 19	97 10 1	032 72	9× 0 ××	..	..	0 50 72	1 19 34
Caltex Rotterdam	13 238	588 18	1 17 06	98 02 0	018 86	11 5 00	..	..	0 50 79	1 17 21

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb HHH TTT $T_dT_dT_d$	850 mb HHH TTT $T_dT_dT_d$	800 mb HHH TTT $T_dT_dT_d$	700 mb HHH TTT $T_dT_dT_d$	600 mb HHH TTT $T_dT_dT_d$	500 mb HHH TTT $T_dT_dT_d$	400 mb HHH TTT $T_dT_dT_d$	300 mb HHHTTT	200 mb HHHTTT	150 mb HHHTTT	100 mb HHHTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Rawal ..														
Karachi ..	00 00	999 265 245	013×××××	400 225 155	..	..	..	..	..	..	..	..	..	..
Lahore ..														
Multan ..														
Peshawar ..	00 00	961 232 195		..	499 225 215	..	056 105 058	324 028 522	767 578 999	464 680 999	948 758	232 928	..	672 170
Quetta ..	00 00	825 132 058	Missds											

At Significant Levels

STATION	Time of ascent in G. M. T.	PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..											400 225 155	..	..
Rawal ..	00 00	..	..	..	..	..	..	..	..	..			
Karachi ..											038 170 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 228 162	800 182 125	350 720 999	250 830 999	150 010 999	038 170 999	..	..	.			
Quetta ..													

PPP-Pressure in hundreds tens and units of millibars.
TTT : TdTdTd : Dry Bulb : Dew Point temperatures (in tenths of 9C.)
Ss-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ..	12 20									12 23	12 26	13 27			
Chittagong ..		31 02	16 02	16 06	14 08	13 05									
Dacca ..	22 13	22 14	22 15	21 08	18 03	09 02	02 04			24 21	24 23	21 17	13 06	08 07	
Chittagong ..	16 10	16 22								17 15	17 15	17 15	16 13	16 11	16 13
Cox's Bazar ..	17 12	19 11	20 12	19 12	18 13	33 13	02 16	22 12	20 15	17 12	17 13	18 10	20 07	20 06	
Dacca ..	14 22	15 24	16 25	16 24	18 29					14 25	14 26	15 20	15 17	15 18	16 20
Dalbandin ..			21 06	23 12	27 07	27 05	25 09	25 08	27 14			33 08	02 07	09 07	07 05
D. I. Khan ..															
Drosh ..				25 10	23 19	19 06							22 01	23 04	20 02
Fort Sandeman ..				09 17	11 11	28 03	27 16	24 15	24 21				06 06	11 03	28 11
Jacobabad ..	17 07	18 06	14 04	13 04	06 04	29 02	12 11	24 08	27 10	15 09	12 06	12 04	27 01	24 02	28 03
Jessore ..															
Jhelum ..	14 07	12 09	12 08	12 06	04 06	35 08	26 05	28 19	22 23	04 03	10 05	11 09	35 03	34 06	34 11
Jiwani ..	23 08	21 04	21 03	01 09	36 17	34 24	33 17			13 05	28 04	29 03	33 12		
Karachi ..	24 17	26 15	27 18	30 10						26 14	27 17				
Khanpur ..	29 06	34 05	24 06	21 12	18 13	07 01	05 13	21 10	22 11	32 09	31 02	30 02	09 02	02 05	33 09
Lahore ..	10 04	10 06	31 03	01 05	01 05	02 11	21 17	21 19	23 16	09 09	10 09	11 06	36 05	35 12	36 17
Multan ..	27 01	15 22	14 04	13 06	12 06	33 04	26 08	25 12	26 15	01 22	02 15	05 11	10 05	02 06	29 09
Mianwali ..															
Peshawar ..															
Quetta ..	01 06	02 05	02 40	30 02	30 06	27 08				23 12	12 09	18 13	23 15	25 13	25 19
Sharjah ..					29 17	27 08	17 17	17 10	26 13					14 01	18 03
Sylhet ..															
Veraval ..	10 12	12 10	14 08	18 13						10 10	09 06	11 04	09 04	12 07	14 13

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	13 13	14 17									
Chittagong ..											
Dacca ..	21 09	19 07	20 06	21 06							
Chittagong ..	20 07	20 06	20 04	20 02	20 05	13 10	14 10	15 08	15 05		
Cox's Bazar ..	15 08	16 12									
Dacca ..			25 01	21 04	23 06	21 06	29 05	32 15	27 10	24 29	26 30
Dalbandin ..											
D. I. Khan ..					15 01	16 03	17 03	30 02	02 03	33 17	31 32
Drosh ..				24 10	23 04	33 07	24 02	21 11	21 16	24 44	24 52
Fort Sandeman ..	09 04	10 07	10 07	33 02	31 04	24 02	13 13	22 12	24 13	23 13	29 19
Jacobabad ..											
Jessore ..	12 05	13 06	14 07	36 03	33 12	32 15					
Jhelum ..											
Jiwani ..	24 13	26 13	27 13								
Karachi ..	03 07	02 11	02 10	11 02	09 04	02 14	27 04	21 15	23 10	33 20	23 27
Khanpur ..	10 05	10 06	08 06	04 07	02 13	35 13	20 09	19 28	19 32	23 43	23 47
Lahore ..	01 01	03 01	04 03	05 05	06 05	33 09	03 07	20 04	27 04	23 35	24 54
Multan ..											
Peshawar ..		04 04	33 01	33 02	27 01	27 07	30 04	25 09	28 15	24 48	24 46
Quetta ..						28 04	23 04	20 10	20 12	26 11	
Sharjah ..											
Sylhet ..	26 02	27 03	32 03	13 05	13 04	13 10	14 09	17 10	13 06		
Veraval ..											

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 19	28 19	30 10	33 10														
Peshawar ..		36 08	36 04	03 03	24 05	24 07	27 10	33 13	26 10	24 27	24 55	24 53	24 67					
Quetta ..																		

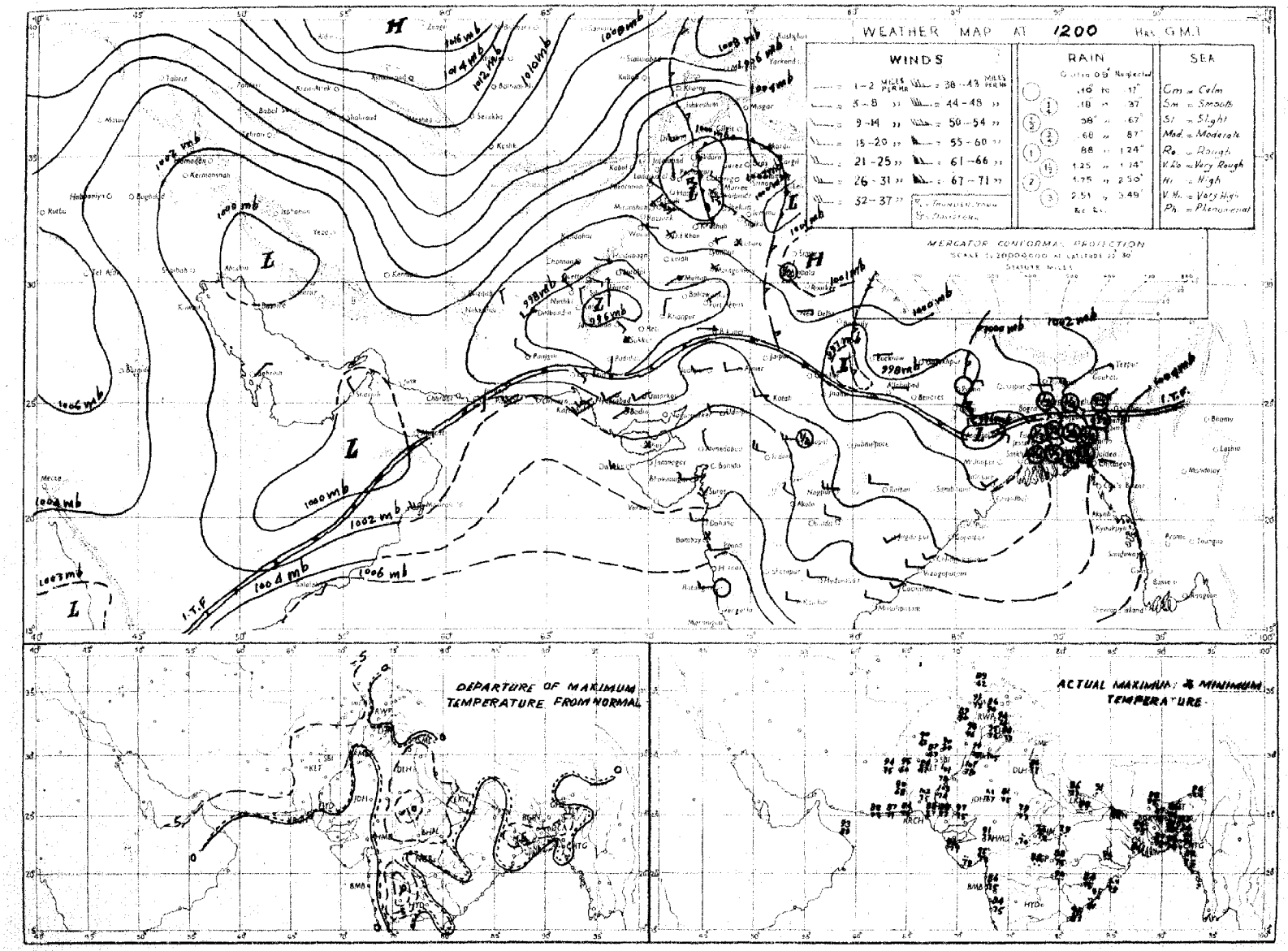
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_t$ etc)

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.

PAKISTAN DAILY WEATHER MAP

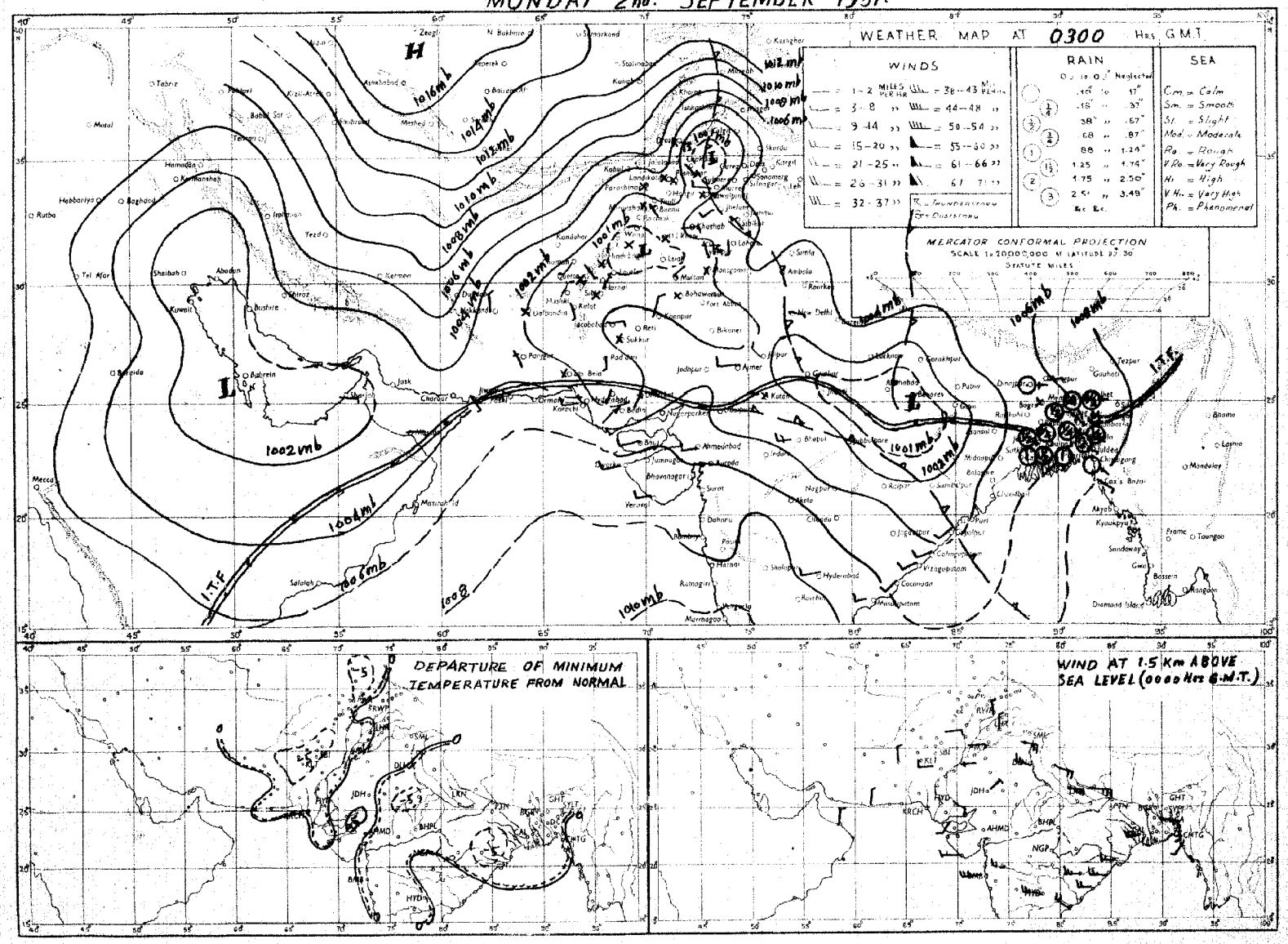
SUNDAY 1st. SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

MONDAY 2nd: SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

TUESDAY, THE 3rd SEPTEMBER, 1957.

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

A well marked low lies over Uttar Pradesh and neighbourhood.

Local rain/thundershowers have been reported from Rajshahi and Rawalpindi divisions and scattered from Chittagong and Peshawar divisions.

Chief amounts of rainfall are:—Brahmanbaria 1½" and Cox's Bazar, Khulna, Jessore, Dinajpur, Rawalpindi and Murree ¼" each.

Day temperatures were 3-7°F below normal in Quetta, Kalat, Lahore and Multan divisions.

Forecast valid until the evening of 4th:—Local rain will fall in East Pakistan. Fairly widespread thunderstorms/showers will occur in Rawalpindi, Lahore divisions and in Kashmir, local in Peshawar and Multan divisions and scattered in D. I. Khan and Bahawalpur divisions.

Karachi-11.
The 3rd September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature° TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	6	00	00	96	03	2	045	83	6	4	6	1	0	79	87
	Chittagong	000	0	8	23	02	96	03	2	039	80	4	3	5	2	×	76	85
	Maijdee Court	000	9	8	00	00	97	02	2	035	85	8	0	9	5	×	78	87
	Comilla	000	2	8	00	00	97	02	2	038	85	8	4	4	×	×	80	89
	Brahmanbaria	000	0	7	00	00	97	03	2	036	85	2	4	5	2	0	78	91
	Sylhet	000	0	6	27	05	97	02	2	039	85	3	4	6	3	2	77	88
	Srimangal	031	3	8	00	00	97	02	6	038	83	8	4	6	×	×	80	90
Dacca	Mymensingh	000	0	4	00	00	98	02	2	038	87	4	4	5	0	0	79	89
	Narayanganj	000	9	8	09	02	94	03	2	036	86	8	0	8	7	×	78	90
	Dacca (Tezgaon)	000	9	8	00	00	97	02	2	030	85	2	8	5	7	8	79	89
	Faridpur	000	8	8	00	00	96	02	2	032	81	8	4	6	-	-	79	86
	Barisal	000	0	8	00	00	94	03	2	036	85	5	7	9	×	×	79	88
Rajshahi	Khulna	022	7	8	00	00	97	01	6	028	82	8	5	7	×	×	77	87
	Satkhira	000	0	3	00	00	96	01	1	032	83	2	5	6	6	0	79	85
	Jessore	032	4	6	18	03	97	02	6	027	80	4	8	6	6	0	79	82
	Sirajganj	000	0	8	00	00	96	00	0	023	83	8	6	5	×	×	77	87
	Bogra	000	0	6	00	00	96	02	1	028	85	4	4	6	3	0	79	89
	Dinajpur	030	6	8	00	00	96	02	0	037	82	8	4	7	×	×	79	88
	Rangpur	010	0	6	23	02	96	03	2	×××	87	6	5	6	0	0	79	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	4	13	03	96	01	2	012	85	4	2	6	0	0	73	90
	Sialkot	000	2	3	13	03	98	02	1	006	88	3	2	6	0	0	73	92
Rawalpindi	Jhelum	000	8	4	23	03	98	03	2	002	90	4	2	7	0	0	71	95
	Rawalpindi	000	0	4	00	00	98	01	1	990	92	4	0	9	3	0	61	96
	Khushab	000	0	2	16	05	97	03	1	992	94	2	2	6	0	0	72	97
Multan	Lyallpur	000	0	4	16	02	96	01	0	002	90	0	0	9	5	0	74	92
	Montgomery	000	0	0	13	02	98	02	1	999	93	3	1	8	0	0	74	94
	Multan	000	0	1	05	02	96	01	0	993	98	0	0	9	0	1	79	99
Bahawalpur	Leiah																	
	Khanpur	000	0	0	32	03	96	00	0	981	01	0	0	9	0	0	76	02
	Bahawalpur	000	0	2	00	00	97	02	0	992	91	2	0	9	2	0	78	99
	Fort Abbas	000	0	2	00	00	97	00	0	992	94	2	1	6	0	0	72	03
Peshawar	Chakdara	000	0	2	00	00	98	01	1	947	91	2	2	7	0	0	65	93
	Peshawar	000	0	4	36	05	98	03	0	973	94	1	9	6	4	0	58	97
	Haripur	000	4	3	31	02	97	03	1	965	95	3	1	6	×	×	67	96
	Campbellpur	000	0	2	18	05	98	01	1	978	97	2	0	8	7	0	61	97
D.I. Khan	Bannu	000	0	0	13	01	99	00	0	978	92	0	0	9	0	0	64	94
	D.I. Khan	000	0	0	00	00	98	00	0	996	97	0	0	9	0	0	73	98
Quetta	Sibi	000	0	0	23	01	99	00	0	976	04	0	0	9	0	0	74	06
Kalat	Nokkundi	000	0	0	34	09	98	02	0	038	91	0	0	9	0	0	15	93
	Turbat	000	0	0	31	02	97	00	0	997	02	0	0	9	0	0	81	10
	Jiwani	000	0	0	23	10	97	00	0	025	84	0	0	9	0	0	77	××
	Pasni	000	0	0	23	19	95	07	0	035	83	0	0	9	0	0	74	86
	Ormara	000	0	0	××	××	98	00	0	039	83	0	0	9	0	0	79	84
	Las Bela	000	0	0	00	00	98	00	0	913	95	0	0	9	0	0	71	02
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	97	01	0	016	85	2	0	9	5	0	81	86
	Karachi (Air port)	000	0	4	23	12	96	03	2	022	84	3	5	5	0	9	74	87
	Badin	000	0	0	23	02	97	00	0	026	92	0	0	9	0	0	71	95
	Nagarparker	×××	×	4	23	02	97	02	2	×××	××	4	0	9	0	0	××	××
	Umarkot	000	0	0	23	03	97	00	0	994	94	0	0	9	0	0	69	97
	Hyderabad	000	0	0	23	09	97	02	0	001	93	0	0	9	0	0	69	98
Khairpur	Pad-i-dan	000	0	0	18	05	98	02	0	989	01	0	0	9	0	0	62	02
	Nawabshah																	
	Sukkur	000	0	0	00	00	96	00	0	985	00	0	0	9	0	0	77	00
	Kashmore	000	0	0	05	02	99	00	0	990	85	0	0	9	0	0	78	01
	Jacobabad	000	0	0	13	07	97	02	0	993	98	0	0	9	0	0	74	00
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	09	99	00	0	016	87	0	0	9	0	0	81	89
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	5	29	03	98	02	1	433	69	3	3	3	8	0	60	71
Peshawar	Drosh *	000	3	3	23	09	96	01	1	431	82	3	2	7	0	0	41	95
	Cherat *	000	0	1	13	03	96	02	0	440	82	1	2	6	0	0	58	87
	Kakul *	000	0	0	18	03	99	00	0	438	80	0	0	9	0	0	59	82
	Landi Kotal *	000	2	7	00	00	97	98	9	429	86	7	0	9	7	0	52	90
	Parachinar *	000	0	0	36	02	99	00	0	794	58	0	0	9	0	0	46	××
D.I. Khan	Miranshah *	000	0	0	05	02	99	00	0	481	87	0	0	9	0	0	84	89
	Wana *	000	0	3	07	03	98	00	0	428	82	3	2	8	0	0	47	88
Quetta	Fort Sandeman *	000	0	4	00	00	96	03	1	426	90	4	2	6	0	0	34	92
	Hindubagh *	000	0	0	23	05	98	00	0	422	83	0	0	9	0	0	40	87
	Loralai *	000	0	7	23	02	98	02	1	438	83	0	0	9	4	0	34	87
	Harnai *	000	0	0	13	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	29	05	96	01	0	418	83	1	1	8	0	0	54	86
	Chaman *	000	0	0	20	02	98	00	0	454	86	0	0	9	0	0	59	88
Kalat	Kalat *	000	0	0	34	05	98	00	0	433	77	0	0	9	0	0	24	83
	Nushki *	000	0	0	23	09	96	00	0	504	92	0	0	9	0	0	19	94
	Dalbandin *	000	0	0	23	03	95	05	0	452	94	0	0	9	0	0	54	96
	Panjgur *	000	0	0	31	05	98	00	0	462	89	0	0	9	0	0	14	95
Afghanistan	Kabul *	000	0	0	18	03	99	00	0	438	80	0	0	9	0	0	59	82
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1957 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	037	1	6	11	02	95	60	6	084	76	6	4	6	0	0	75	75	+ 1	- 1	99.6	+ 3.1	110.5	140
	Chittagong	000	0	8	××	××	96	60	2	078	79	6	4	4	2	×	79	78	- 2	+ 2	62.8	- 7.7	70.2	108
	Maijdee Court	000	9	8	05	07	97	02	2	070	85	2	2	6	4	×	79	79	+ 1	+ 1	53.3	- 17.1	61.6	135
	Comilla	000	0	7	00	00	98	03	0	075	82	5	2	6	6	0	77	76	+ 1	- 1	35.8	- 17.7	47.7	94
	Brahmanbaria	132	0	8	00	00	95	95	2	080	77	8	5	3	×	×	75	76	—	—	36.3	- 2.4	54.2	78
	Sylhet	005	2	7	00	00	96	02	6	070	83	5	5	6	2	0	78	77	—	—	61.8	—	112.3	..
	Srimangal	002	0	8	00	00	97	60	2	079	80	8	5	6	×	×	78	77	0	+ 2	52.9	+ 4.3	79.6	98
Dacca	Mymensingh	000	0	8	00	00	99	02	2	080	82	8	4	5	×	×	78	78	+ 1	0	44.6	- 5.8	58.7	91
	Narayanganj	000	9	8	00	00	95	03	2	074	85	5	5	6	7	×	78	80	+ 2	+ 1	40.3	+ 0.5	56.5	74
	Dacca (Tezgaon)	000	6	7	27	02	97	03	2	071	86	4	2	5	3	1	79	79	—	—	24.3	—	58.3	
	Faridpur	000	9	8	00	00	96	03	0	069	83	6	5	6	1	×	79	77	- 2	- 2	35.9	3.9	48.0	71
	Barisal	000	4	8	00	00	95	03	4	073	84	7	0	6	9	0	78	79	+ 1	+ 1	36.4	- 11.2	53.4	81
Rajshahi	Khulna	022	0	8	00	00	97	01	2	073	84	6	5	7	3	×	80	78	- 1	0	36.8	- 4.9	53.8	[illegible]
	Satkhira	000	0	6	00	00	97	03	1	071	86	4	5	7	9	0	81	77	- 4	- 1	25.9	- 12.4	46.7	[illegible]
	Jessore	032	0	4	23	03	97	01	1	065	83	3	4	6	6	0	82	77	—	—	35.7	- 0.8	39.0	[illegible]
	Sirajganj	000	0	8	00	00	96	02	2	053	85	8	2	5	×	×	76	79	- 1	0	50.7	+ 14.1	61.6	[illegible]
	Bogra	015	0	4	23	02	97	01	1	069	83	4	0	8	3	0	77	80	0	+ 2	50.6	+ 10.5	58.1	[illegible]
	Dinajpur	030	0	0	00	00	96	02	6	073	85	0	0	9	0	0	82	75	- 1	- 3	39.5	- 5.1	42.7	72
	Rangpur	010	0	5	09	02	96	01	2	×××	85	2	5	6	2	0	76	80	+ 1	+ 3	38.7	- 11.4	42.1	84
Kashmir	Jammu																							[illegible]
Lahore	Lahore (Jail Rd.)	000	6	5	06	03	96	03	2	050	77	5	4	6	0	0	72	74	- 7	- 2	16.3	+ 3.4	25.0	19
	Sialkot	000	6	2	13	03	98	01	1	039	80	2	1	6	0	0	69	73	- 2	- 4	21.7	+ 1.1	44.9	32
Rawalpindi	Jhelum	003	6	3	23	02	99	02	9	054	79	3	5	6	0	0	70	72	—	—	16.6	—	27.4	
	Rawalpindi	018	9	7	00	00	98	02	2	046	78	7	5	6	0	0	65	68	+ 3	- 5	13.6	- 6.7	29.5	36
	Khushab	005	3	7	05	03	99	02	5	045	75	7	0	9	7	0	××	70	- 2	- 9	8.2	- 0.8	17.0	15
Multan	Lyallpur	000	0	8	29	02	95	51	5	056	77	8	7	8	×	×	74	75	- 5	- 3	10.1	+ 2.2	16.2	13
	Montgomery	000	0	8	05	02	97	03	1	049	78	8	6	6	×	×	73	75	- 7	- 5	6.4	+ 0.1	10.2	10
	Multan	000	0	4	05	03	96	01	0	037	81	1	1	8	1	1	92	76	+ 1	- 5	0.7	- 3.7	4.1	7
Bahawalpur	Leiah																							[illegible]
	Khanpur	000	0	0	29	03	96	00	0	030	85	0	0	9	0	0	75	79	- 1	0	0.2	- 4.4	1.2	[illegible]
	Bahawalpur	000	0	0	00	00	97	00	0	025	83	0	0	9	0	0	78	80	- 2	+ 2	1.3	- 2.8	2.5	[illegible]
	Fort Abbas	000	0	0	05	03	97	00	0	034	88	0	0	9	0	0	77	77	—	—	2.6	—	5.5	[illegible]
Peshawar	Chakdara	000	0	8	00	00	97	03	1	023	71	8	8	6	×	×	59	51	—	—	2.7	—	17.5	
	Peshawar	000	0	7	27	03	97	02	2	055	79	3	9	6	7	0	66	73	0	- 3	1.8	- 1.9	12.9	14
	Haripur	000	9	5	05	02	97	03	2	038	79	5	0	9	9	0	63	64	—	—	5.5	—	19.6	
	Campbellpur	000	0	8	18	03	98	03	1	043	79	3	5	6	5	×	60	76	—	—	4.8	—	20.2	
D.I. Khan	Bannu	000	3	3	27	02	99	01	2	042	77	0	0	9	0	3	65	75	—	—	2.3	—	9.4	11
	D.I. Khan	000	3	5	00	00	97	03	1	031	76	5	5	8	0	0	70	70	- 3	- 9	2.3	- 2.7	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	014	86	0	0	9	0	0	73	86	—	—	1.1	—	6.2	3
Kalat	Nokkundi	000	0	0	34	05	99	02	0	077	73	0	0	9	0	0	18	70	—	—	0	—	1.9	2
	Turbat	000	0	0	31	02	98	00	0	006	91	0	0	9	0	0	77	83	—	—	2.5	—	5.9	
	Jiwani	000	0	5	18	05	97	03	1	054	79	5	5	5	0	0	73	73	—	—	0	—	3.1	4
	Pasni	000	0	0	27	02	94	41	0	070	75	0	0	9	0	0	73	71	- 2	- 3	0	- 0.9	6.2	6
	Ormara	000	0	6	××	××	97	02	1	056	78	6	0	9	4	0	76	75	—	—	0	- 0.8	3.8	4
	Las Bela	000	0	0	00	00	98	00	0	999	79	0	0	9	0	0	78	73	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	27	09	97	01	0	041	81	2	0	9	7	0	77	78	0	0	0.6	- 4.9	1.1	8
	Karachi (Air port)	000	0	6	25	10	96	03	2	048	81	6	5	5	0	0	71	78	—	—	0.9	—	1.4	
	Badin	000	0	0	23	02	96	00	0	054	80	0	0	9	0	0	73	××	+ 2	—	3.6	- 2.9	3.6	9
	Nagarparker																							
	Umarkot	000	0	0	23	03	97	00	0	022	79	0	0	9	0	0	73	75	—	—	4.7	—	4.7	
	Hyderabad	000	0	0	23	09	97	02	0	030	80	0	0	9	0	0	71	77	+ 1	- 1	0.9	- 4.5	2.8	7
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	018	81	0	0	9	0	0	71	75	—	—	0.1	—	1.4	
	Nawabshah	000	9	0	18	03	97	02	1	025	81	0	0	9	0	0	73	76	—	—	0.1	—	0.6	
	Sukkur	000	0	0	00	00	96	00	0	016	83	0	0	9	0	0	73	78	—	—	0.1	—	2.9	4
	Kashmore	000	0	0	18	01	99	00	0	023	84	0	0	9	0	0	75	××	—	—	—	—	—	
	Jacobabad	000	0	0	00	00	96	02	0	025	85	0	0	9	0	0	71	81	- 3	+ 1	0	- 2.1	3.5	[illegible]
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat	000	0	0	00	00	99	00	0	040	85	0	0	9	0	0	81	82	- 1	- 1	0	- 0.1	6.9	4
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							25
	Gulmarg **																							[illegible]
	Sonamarg **																							[illegible]
	Dras **																							[illegible]
	Leh **																							[illegible]
	Skardu *																							[illegible]
	Misgar **	000	0	0	00	00	98	00	0	020	52	0	0	9	0	0	25	43		—	—	—	—	
	Aliabad *																							[illegible]
	Gilgit *																							[illegible]
Rawalpindi	Murree *	027	7	7	31	09	97	02	9	456	57	3	5	5	8	0	46	52	+ 2	- 4	22.2	- 8.9	56.1	[illegible]
Peshawar	Drosh *	000	0	4	00	00	96	03	0	466	71	4	2	7	0	0	42	63	+ 4	- 5	1.9	—	24.0	[illegible]
	Cherat *	000	3	5	18	05	97	01	2	455	67	5	0	9	6	0	58	65	+ 2	- 3	3.9	- 6.5	24.6	[illegible]
	Kakul *	000	9	7	09	02	97	03	2	464	68	6	9	6	7	0	60	62	—	—	12.6	—	40.1	
	Landi Kotal *	000	9	7	02	02	97	03	9	439	74	7	0	9	5	0	65	70	—	—	0.9	—	15.1	
	Parachinar *	000	0	4	00	00	99	02	0	793	71	4	1	8	0	0	48	××	—	—	6.7	—	25.8	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	1	482	73	0	0	9	0	0	70	70	—	—	3.1	- 0.6	15.4	13
	Wana *	025	8	0	00	00	99	02	6	467	67	0	0	9	0	0	55	60	—	—	1.4	—	13.6	
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	466	76	0	0	9	0	0	47	63	- 4	- 7	2.4	- 2.3	12.9	11
	Hindubagh *	000	0	0	27	02	98	00	0	469	67	0	0	9	0	0	36	57	—	—	0	—	12.3	
	Loralai *	000	0	0	27	02	98	00	0	438	66	0	0	9	0	0	33	61	—	—	1.9	—	10.7	
	Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	- 4.7	14.3	14
	Quetta *	000	0	0	00	00	95	06	0	462	60	0	0	9	0	0	43	46	—	—	0	- 1.0	9.5	9
	Chaman *	000	0	0	20	02	97	00	0	479	68	0	0	9	0	0	49	60	- 6	- 7	0	- 0.1	10.2	8
Kalat	Kalat *	000	0	0	18	03	98	00	0	482	55	0	0	9	0	0	25	43	- 3	- 10	0	- 1.1	8.4	7
	Nushki *	000	0	0	31	07	97	00	0	515	70	0	0	9	0	0	23	××	—	—	0.1	—	8.0	
	Dalbandin *	000	0	0	00	00	95	05	0	453	61	0	0	9	0	0	32	55	- 7	- 10	0	- 0.3	4.4	4
	Panjgur *	000	0	0	00	00	98	00	0	464	67	0	0	9	0	0	20	61	- 4	- 7	0	—	4.2	5
Afghanistan	Kabul *	000	0	0	36	02	99	00	0	525	56	0	0	9	0	0	38	51	—	—	—	—	—	[illegible]
	Kandahar *																							

† Given in Code.

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M. . 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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 3rd SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	I $d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	23 062	566 00	0 12 05	99 00 0	924 88	00 9 00	7 5 733	..	0 03 86	1 16 22
Tagelus	23 213	630 00	1 23 18	99 02 0	047 79	15 4 00	3 5 220	..	0 52 xx	1 23 34
Silver Brook	23 233	593 00	0 11 04	98 0x 0	03x 84	..	..	..		
Caltex	23 212	595 06	4 20 10	98 03 1	056 73	44 3 00	..	..	0 51 72	1 20 33
Perna	23 207	617 12	2 24 14	97 xx 1	xxx 81	..	..	..		
Caltex	23 199	587 12	8 18 09	97 02 2	031 75	75 4 5x	..	..	0 04 72	1 18 23
Clavella	23 202	595 12	5 18 08	97 xx 1	xxx 79	..	..	..		
Tagelus	23 196	652 12	4 25 18	99 02 1	058 81	41 4 00	3 5 610	..	0 52 75	1 25 34
Rabistan	23 208	592 12	1 08 13	96 01 1	030 84	15 4 00	1 4 400	..	0 90 70	1 18 33
Silver Brook	23 213	598 12	6 23 18	98 xx 2	xxx 78	..	..	..	..	..
Vasum	23 217	599 12	0 20 10	97 00 0	xxx 77	..	..	..	..	..
Perna	23 216	610 18	7 28 10	97 xx 1	xxx 77	..	..	..	..	..
Clavella	23 193	592 18	6 18 08	96 xx 2	xxx 93	..	..	..	..	..
Caltex	23 187	578 18	8 20 08	97 02 2	046 92	77 4 1x	..	..	0 04 72	1 20 23
Silver Brook	23 203	592 18	7 23 18	98 xx 2	xxx 76	..	..	..	..	..

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb (HHH TTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	000 262 255	022 262 255	..	410 242 192	..	131 152 085	417 065 005	875 522 592	634 572 732	981 722	267 925	456 050	711 140
Lahore ..														
Multan ..														
Peshawar ..	00 00	Misda												
Quetta ..	00 00	828 118 042	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	910 215 205	900 220 210	800 222 205	529 538 598	350 635 788	250 815 999	058 222 999	..	..	058 222 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	Misda											
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Km. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	14 06	14 08	13 10	15 08	..	..	..	.	..
Chaklala ..					..				..
Chhor ..	23 10	24 13	25 09	07 02	13 05	16 03	06 16	21 11	25 10
Chittagong ..	24 06	29 02	34 02	32 03	29 01	..	..	..	
Cox's Bazar ..	20 07	25 06	26 05	17 03	14 02	16 07	17 03		
Dacca ..	19 03	19 03	26 03	18 04	18 06	17 08	17 11	18 06	19 12
Dalbandin ..	..	..	26 06	25 07	24 04	24 07	30 14	28 17	26 19
D. I. Khan ..	..	..	..	..	..	..	..		
Drosh ..		..	..	23 08	20 04	21 05	24 05	24 19	23 19
Fort Sandeman ..				23 04	22 08	23 11	24 18	26 24	
Jacobabad ..	18 07	18 07	19 05	19 04	18 04	25 05	26 05	24 12	29 13
Jessore ..					..		..	..	..
Jhelum ..	16 05	16 07	16 05	34 05	34 03	34 15	19 10	18 13	27 17
Jiwani ..	20 11	19 10	19 07	36 07	35 18	35 30	33 15	32 10	26 10
Karachi ..	25 20	25 16	29 07	05 03	01 06	01 09	11 07	25 09	25 14
Khanpur ..	31 06	35 06	04 05	04 04	05 05	31 08	26 12	28 12	26 17
Lahore ..	10 05	10 06	08 06	00 07	02 13	35 13	20 09	19 32	23 43
Multan ..	34 08	06 03	10 02	09 03	08 03	35 07	29 08	26 08	26 13
Murree ..	..			..	..	..	..	..	
Panjgur ..	..						..	..	
Peshawar ..	..	04 04	05 03	10 11	18 15	18 09		..	..
Quetta ..	..	..	..	..	29 16	29 13	22 11	16 09	29 09
Sharjah ..				..					..
Sylhet ..	27 07	28 07	32 03	08 03	10 07	10 05	13 06	16 05	23 03
Veraval ..									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Km. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	20 07	19 07	18 05	15 03	..	..
Chaklala ..	..	13 07	16 12	12 14		..
Chhor ..	24 24	24 24	20 11	10 04	09 06	07 06
Chittagong ..	20 06	21 09	22 11	25 06	30 04	35 03
Cox's Bazar ..	22 04					
Dacca ..	24 06	23 03	29 03	09 02	08 04	08 04
Dalbandin ..	..	.	28 04	35 06	39 10	31 05
D. I. Khan ..	..		..	..	..	..
Drosh ..	..	..				
Fort Sandeman ..				05 05	33 07	29 15
Jacobabad ..	18 13	19 06	17 05	27 04	25 08	27 08
Jessore ..	..					
Jhelum ..	14 05	15 13	13 03	14 08	33 10	32 15
Jiwani ..	..	..				
Karachi ..	26 12	26 14	30 12	33 08	01 09	07 09
Khanpur ..	01 04	26 09	27 06	33 05	31 12	33 12
Lahore ..	09 11	13 13	13 04	12 09	..	..
Multan ..	12 23	14 30	16 35		..	..
Murree ..	..		..	..	..	..
Panjgur ..					..	
Peshawar ..	..	01 04	02 08	22 05	24 10	27 17
Quetta ..	..	..	..	..	01 01	27 06
Sharjah ..	..	..	..	..	..	..
Sylhet ..	..	..	..	..	..	..
Veraval ..						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Km. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	17
Bogra ..	22 07	22 05	..			..	..	..	..	..	..
Chaklala ..	..	..	..			..	..	..	..	..	..
Chhor ..					..		..	..	..	..	..
Chittagong ..	10 07	22 04	25 02	21 03	25 01	32 06	.	..	..	..	..
Cox's Bazar ..	16 03	20 05	23 05	26 03	29 03	..	...	..	..	..	..
Dacca ..	27 03	30 03	33 04								
Dalbandin ..	..	..	28 01	23 03	20 03	26 07	25 16	25 21	24 18	25 22	25 15
D. I. Khan ..	..	..	..	..							..
Drosh ..	..	..	..	..	17 03	32 03	20 05	21 06	24 10	20 22	
Fort Sandeman ..				34 03	23 04	29 09	22 19	21 20	25 17	24 16	24 44
Jacobabad ..	16 02	12 02	09 05	09 03	22 03	21 06	19 06	23 07	19 06	24 25	24 39
Jessore ..											..
Jhelum ..	12 05	12 07	12 07	07 04	31 05	32 07	23 06	23 17	21 27	19 39	22 49
Jiwani ..	21 04	14 06	07 08	17 03	..		..	..	..	..	..
Karachi ..	25 18	26 18	27 10								..
Khanpur ..	30 06	34 06	35 07	35 07	35 06	17 03	23 10	24 21	24 26	20 20	..
Lahore ..	12 15	09 05	08 04	08 08	04 11	..	..	..	..	..	..
Multan ..	..	..	..	..	..	..	..	..	..	..	..
Murree ..	..	..	..	..	..		..	..	..	..	..
Panjgur ..	..	..		..			..				
Peshawar ..	..	01 03	09 01	10 05	24 04	21 09					
Quetta ..	..	..	..	..	25 08	21 16	25 19	25 20	23 26	23 27	26 22
Sharjah ..	..			..		..	..	..	..	..	..
Sylhet ..	15 03	18 04	10 05	11 12	11 12	..	..	..	..	..	..
Veraval ..	..	..		..	..	..	..	..	..	..	

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 12	28 15	28 15	34 14	34 10	01 08	05 14	16 11	21 13	22 06	21 12	24 29	27 09	24 40	17 10	08 10	14 12	
Peshawar ..	Misda																	
Quetta ..																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

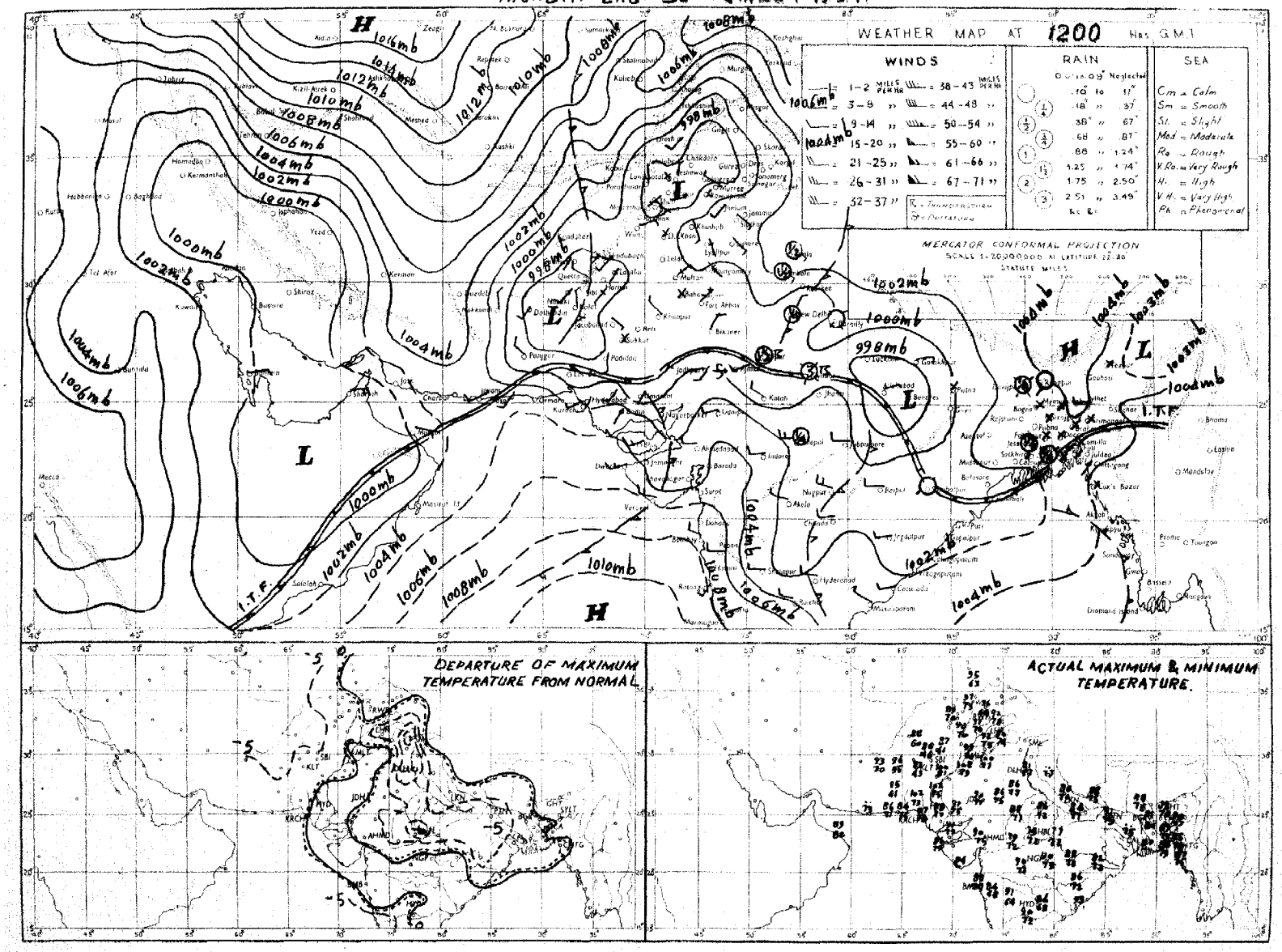
Cloud observation Data (GGiii $Cddv_rv_r$ etc)

06598 22014

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.

PAKISTAN DAILY WEATHER MAP

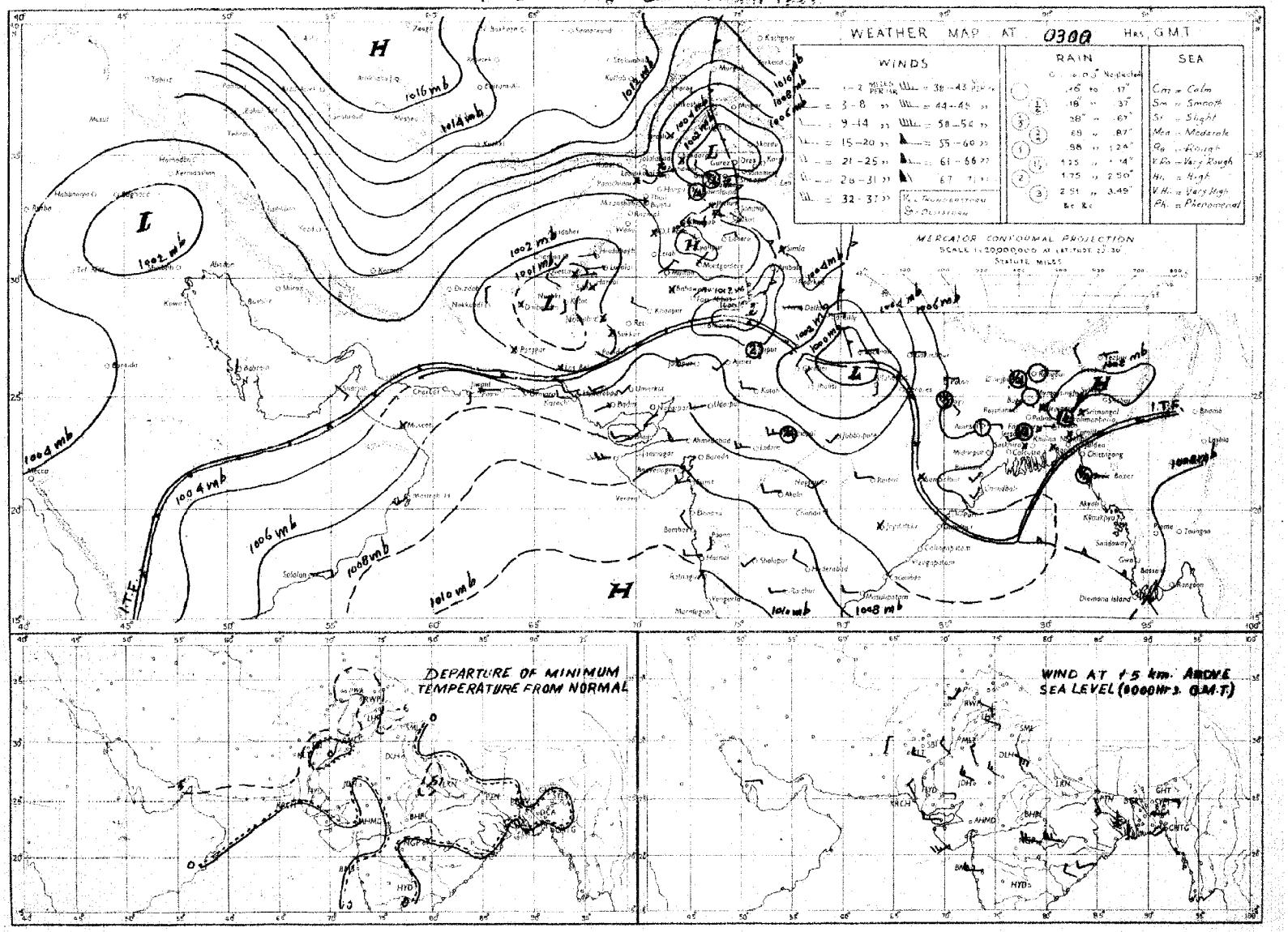
MONDAY 2nd. SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd: SEPTEMBER 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

WEDNESDAY, THE 4th SEPTEMBER, 1957.

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

Yesterday's low over Uttar Pradesh and neighbourhood now lies over West Uttar Pradesh.
Local thunderstorms/showers have occurred in Rawalpindi division and scattered in Peshawar division.
An easterly low pressure wave is apparently moving across north Bay of Bengal.
Fairly widespread rain/thundershowers have occurred in Chittagong and Dacca divisions and scattered rain in Rajshahi division.

Chief amounts of rainfall are:—Maijdee Court and Sylhet 1" each; Chittagong ½" and Comilla, Narayanganj, Faridpur, Bogra, Cherat and Haripur ¼" each.

Day temperatures were 8-11°F below normal in Kalat and Lahore divisions and 3-7°F so in Quetta, D. I. Khan, Peshawar, Rawalpindi and Multan divisions.

Forecast valid until the evening of 5th:—Local rain will fall in East Pakistan. Local thunderstorms/showers will occur in Lahore, Rawalpindi and Peshawar divisions and in Kashmir.

Earthquake Report:—Geophysical Institute, Quetta, has recorded an earthquake of fairly moderate intensity at is origin with its epicentre about 140 miles south-southwest of Quetta at 13 hours 8 minutes and 2 seconds W.P.S.T. on 4th September, 1957.

Karachi-11.
The 4th September, 1957

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATION (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	004	8	6	00	00	96	02	6	058	82	2	3	7	0	8	76	85
	Chittagong	000	0	6	23	02	96	02	2	054	82	4	4	5	2	0	77	84
	Maijdee Court	095	7	8	00	00	96	15	6	043	80	3	5	5	4	×	76	88
	Comilla	022	6	8	18	03	97	03	9	046	82	5	4	5	6	×	77	87
	Brahmanbaria	004	8	3	00	00	97	01	9	044	82	3	5	5	0	0	78	84
	Sylhet	000	6	6	00	00	96	01	6	039	83	3	4	6	7	8	78	88
	Srimangal	003	7	4	00	00	97	02	6	043	82	3	4	6	0	1	78	85
Dacca	Mymensingh	001	0	6	00	00	98	02	2	048	84	0	0	9	0	8	78	87
	Narayanganj	023	6	8	11	02	94	03	6	045	83	6	5	5	2	×	77	88
	Dacca (Tezgaon)	000	6	7	00	00	98	02	9	040	82	2	2	6	4	1	79	87
	Faridpur	030	8	8	05	03	96	02	6	039	83	2	4	6	1	×	79	88
	Barisal	015	4	8	00	00	94	03	9	043	83	8	0	9	6	×	79	90
Rajshahi	Khulna	000	0	8	00	00	97	01	2	042	85	8	5	7	×	×	78	92
	Satkhira	000	0	4	00	00	97	03	2	041	83	4	6	7	0	0	79	91
	Jessore	000	0	6	36	02	97	02	2	041	86	4	4	6	0	0	72	90
	Sirajganj	000	0	8	00	00	97	00	0	031	84	8	0	9	0	7	77	97
	Bogra	000	0	6	13	02	96	02	1	035	85	4	4	6	3	0	81	89
	Dinajpur	000	2	4	00	00	96	02	2	038	88	0	0	9	0	3	80	92
	Rangpur	000	0	5	05	02	96	01	2	×××	84	5	5	6	0	0	78	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	4	7	09	05	96	03	5	038	81	4	5	5	7	0	74	87
	Sialkot	000	3	3	13	02	97	02	1	031	82	3	2	6	0	0	71	85
Rawalpindi	Jhelum	000	8	4	13	05	99	03	2	029	85	4	2	6	0	0	70	89
	Rawalpindi	000	0	0	00	00	99	02	1	999	93	0	0	9	0	0	62	96
	Khushab	000	0	2	07	05	99	03	1	027	89	2	1	6	0	0	69	92
Multan	Lyallpur	000	0	6	05	02	96	02	0	032	87	6	0	9	9	0	74	90
	Montgomery	000	0	3	05	02	97	01	2	016	89	3	5	7	0	0	75	91
	Multan	000	0	0	13	02	96	00	0	017	95	0	0	9	0	0	68	97
Bahawalpur	Leiah																	
	Khanpur	000	0	0	09	04	96	00	0	010	99	0	0	9	0	0	77	02
	Bahawalpur	000	0	2	00	00	96	02	0	013	96	0	0	9	0	2	80	00
	Fort Abbas	000	0	0	05	03	97	00	0	007	92	0	0	9	0	0	73	03
Peshawar	Chakdara	000	0	2	××	××	98	01	2	024	87	2	2	7	0	0	66	90
	Peshawar	000	1	5	05	05	97	17	8	009	88	3	3	6	3	0	××	91
	Haripur	000	7	2	23	02	97	03	1	003	85	2	0	6	3	0	72	91
	Campbellpur	000	0	3	18	05	98	03	1	011	92	3	3	6	0	0	66	92
D.I. Khan	Bannu	000	0	0	14	04	99	02	0	013	89	0	0	9	0	0	64	91
	D.I. Khan	000	0	0	00	00	98	00	0	012	90	0	0	9	0	0	76	91
Quetta	Sibi	000	0	0	18	02	98	00	0	984	06	0	0	9	0	0	77	08
Kalat	Nokkundi	000	0	0	34	02	99	02	0	031	90	0	0	9	0	0	15	91
	Turbat	000	0	0	23	02	97	00	0	001	01	0	0	9	0	0	80	08
	Jiwani	000	0	0	18	10	96	02	0	044	83	0	0	9	0	0	76	86
	Pasni	000	0	0	23	23	94	07	0	043	83	0	0	9	0	0	73	87
	Ormara	000	0	0	××	××	96	00	0	051	79	0	0	9	0	0	71	83
	Las Bela	000	0	0	09	04	98	00	0	049	95	0	0	9	0	0	71	05
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	12	97	01	1	031	84	2	0	9	5	0	80	86
	Karachi (Air port)	000	0	7	23	10	96	03	2	036	84	7	5	5	0	0	72	87
	Badin	000	0	0	23	02	97	00	0	046	91	0	0	9	0	0	69	94
	Nagarparker	×××	×	0	29	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	03	97	00	0	003	96	0	0	9	0	0	70	97
	Hyderabad	000	0	0	23	09	97	02	0	020	93	0	0	9	0	0	71	98
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	001	01	0	0	9	0	0	58	04
	Nawabshah																	
	Sukkur	000	0	0	34	02	96	00	0	997	00	0	0	9	0	0	73	02
	Kashmore	000	0	0	09	01	99	00	0	012	××	0	0	9	0	0	67	××
	Jacobabad	000	0	0	13	03	97	02	0	004	99	0	0	9	0	0	68	01
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	031	87	0	0	9	0	0	74	90
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	030	66	0	0	9	0	0	57	69
Rawalpindi	Aliabad *																	
	Gilgit *																	
	Murree *	000	9	5	29	05	97	02	1	453	66	5	3	3	0	0	61	67
Peshawar	Drosh *	000	0	4	18	07	96	01	0	426	83	4	5	7	0	0	38	88
	Cherat *	000	3	3	16	05	97	03	1	458	77	3	0	9	2	0	61	80
	Kakul *	000	8	3	20	05	99	02	1	455	77	3	0	9	2	0	66	79
	Landi Kotal *	002	3	3	00	00	97	03	9	446	75	3	0	9	5	0	67	84
D.I. Khan	Parachinar *	000	0	0	11	02	99	00	0	793	38	0	0	9	0	0	46	××
	Miranshah *	000	0	0	07	02	99	00	0	485	85	0	0	9	0	0	82	88
	Wana *	000	0	0	13	02	98	00	0	438	83	0	0	9	0	0	55	××
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	416	90	0	0	9	0	0	29	91
	Hindubagh *	000	0	0	27	05	98	00	0	436	82	0	0	9	0	0	44	84
	Loralai *	000	0	2	13	05	98	02	1	433	83	2	0	9	3	0	46	87
	Harnai *	000	0	0	27	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	31	10	97	02	0	456	81	0	0	9	0	0	56	85
Kalat	Chaman *	000	0	0	35	02	98	00	0	469	84	0	0	9	0	0	59	87
	Kalat *	000	0	0	31	09	98	00	0	449	74	0	0	9	0	0	36	82
	Nushki *	000	0	0	21	09	96	00	0	522	90	0	0	9	0	0	11	91
	Dalbandin *	000	9	0	29	12	95	05	0	471	89	0	0	9	0	0	48	92
	Panjgur *	000	0	0	32	03	98	00	0	475	86	0	0	9	0	0	23	88
Afghanistan	Kabul *	000	0	2	00	02	99	03	0	476	80	2	1	9	0	0	38	83
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

DIVISIONS (1)	STATION (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Chittagong	Cox's Bazar	004	9	6	13	02	96	02	1	089	85	5	3	7	6	1	76	75
	Chittagong	063	2	7	13	02	97	01	5	085	80	4	4	5	2	0	76	77
	Maijdee Court	095	9	8	00	00	97	03	2	095	83	4	5	5	2	×	79	78
	Comilla	022	0	7	00	00	97	01	0	079	81	4	4	5	6	0	78	77
	Brahmanbaria	004	0	6	00	00	97	03	2	0/9	83	6	4	5	0	0	78	77
	Sylhet	118	9	8	00	00	96	61	6	076	78	2	5	6	2	×	73	75
	Srimangal	003	9	8	00	00	97	02	9	083	81	8	4	6	×	×	78	76
Dacca	Mymensingh	001	0	6	00	00	98	02	2	085	82	6	7	6	0	0	79	78
	Narayanganj	023	9	7	00	00	95	03	6	083	85	2	1	6	7	8	76	80
	Dacca (Tezgaon)	000	9	7	00	00	97	02	7	074	87	5	8	5	3	1	78	79
	Faridpur	030	9	8	00	00	96	03	0	078	85	7	5	6	1	×	78	77
	Barisal	015	9	6	00	00	95	03	9	069	85	7	8	9	5	4	78	79
Rajshahi	Khulna	000	0	7	00	00	97	01	2	083	85	7	4	7	0	0	77	79
	Satkhira	000	0	6	00	00	99	03	1	079	85	4	5	9	9	0	76	79
	Jessore	000	0	2	27	03	97	01	0	077	83	1	8	6	6	0	77	78
	Sirajganj	000	0	8	00	00	96	02	2	067	85	8	2	5	×	×	79	80
	Bogra	025	8	5	00	00	97	01	6	075	85	5	4	6	0	0	79	79
	Dinajpur	000	0	6	00	00	96	02	2	082	85	2	4	7	2	0	79	76
	Rangpur	000	0	6	11	02	96	01	2	×××	86	6	4	6	0	0	79	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	2	00	00	96	03	0	058	78	2	0	9	3	0	70	71
	Sialkot	000	0	0	00	00	98	00	0	057	80	0	0	9	0	0	71	72
Rawalpindi	Jhelum	000	0	0	13	02	98	02	0	060	79	0	0	9	0	0	67	72
	Rawalpindi	010	4	3	00	00	98	01	1	051	74	3	0	9	3	0	66	67
	Khushab	000	0	1	11	02	99	03	1	062	82	1	1	6	0	0	72	75
Multan	Lyallpur	000	0	0	29	02	96	00	0	047	78	0	0	9	0	0	73	74
	Montgomery	000	0	0	13	02	98	00	0	043	79	0	0	9	0	0	72	73
	Multan	000	0	0	05	02	96	00	0	052	78	0	0	9	0	0	72	75
Bahawalpur	Leiah																	
	Khanpur	000	0	0	07	03	96	00	0	047	87	0	0	9	0	0	75	79
	Bahawalpur	000	0	2	00	00	92	00	0	059	81	0	0	9	0	2	77	77
	Fort Abbas	000	0	0	05	02	97	00	0	064	85	0	0	9	0	0	72	73
Peshawar	Chakdara	000	0	6	31	××	97	02	2	053	69	0	×	8	8	×	57	54
	Peshawar	000	9	1	34	03	97	01	9	055	78	1	1	6	0	0	71	72
	Haripur	020	2	1	23	02	97	01	6	052	75	1	0	9	0	3	63	68
	Campbellpur	000	0	0	23	02	98	00	0	058	80	0	0	9	0	0	63	75
D.I. Khan	Bannu	000	0	0	09	02	99	00	0	058	81	0	0	9	0	0	72	75
	D.I. Khan	000	0	3	00	00	97	01	1	052	80	0	0	9	3	0	74	73
Quetta	Sibi	000	0	0	00	00	90	00	0	039	86	0	0	9	0	0	68	86
Kalat	Nokkundi	000	0	0	34	09	99	02	0	046	67	0	0	9	0	0	35	68
	Turbat	000	0	0	23	02	98	00	0	012	73	0	0	9	0	0	××	82
	Jiwani	000	0	2	23	05	96	01	0	07[illegible]	77	2	6	4	0	0	73	74
	Pasni	000	0	0	27	00	94	41	0	080	74	0	0	9	0	0	73	70
	Ormara	000	0	6	××	05	96	02	1	087	77	6	0	9	4	0	77	76
	Las Bela	000	0	0	00	02	99	00	0	071	80	0	0	9	0	0	78	73
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	29	05	97	01	0	064	81	2	0	9	5	0	77	75
	Karachi (Air port)	000	0	3	27	05	96	01	1	066	79	3	6	5	0	0	74	77
	Badin	000	0	0	23	02	96	00	0	064	80	0	0	9	0	0	71	××
	Nagarparker	×××	×	0	00	00	98	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	03	97	09	0	050	80	0	0	9	0	0	73	74
	Hyderabad	000	0	0	20	10	97	02	0	050	79	0	0	9	0	0	70	77
Khairpur	Pad-i-dan	000	0	0	13	02	98	02	0	047	79	0	0	9	0	0	70	75
	Nawabshah																	
	Sukkur	000	0	0	00	00	96	00	0	046	81	0	0	9	0	0	73	78
	Kashmore																	
	Jacobabad	000	0	0	13	03	97	02	0	046	85	0	0	9	0	0	75	81
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	3	09	05	99	03	0	060	85	0	0	8	0	2	79	53
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	6	00	00	96	01	0	008	52	0	0	9	0	0	34	42
Rawalpindi	Aliabad *																	
	Gilgit *																	
	Murree *	015	6	3	29	09	98	01	9	434	60	3	0	9	5	0	48	52
Peshawar	Drosh *	000	9	0	00	00	96	02	9	482	65	0	0	9	0	0	46	61
	Cherat *	035	3	6	18	02	95	42	4	474	66	6	5	6	0	0	65	65
	Kakul *	004	7	1	18	03	99	01	9	473	64	1	0	9	7	0	61	61
	Landi Kotal *	002	9	0	00	00	98	00	9	460	75	0	0	9	0	0	61	63
D.I. Khan	Parachinar *	000	0	0	03	00	99	00	0	794	70	0	0	9	0	0	49	××
	Miranshah *	000	0	0	00	00	99	00	0	515	75	0	0	9	0	0	72	71
	Wana *	000	0	0	00	00	98	00	0	467	67	0	0	9	0	0	54	60
Quetta	Fort Sandeman *	000	0	2	00	00	96	01	0	486	73	2	1	6	0	0	61	64
	Hindubagh *	000	0	0	27	02	98	00	0	486	65	0	0	9	0	0	38	57
	Loralai *	000	0	0	31	02	98	00	0	465	64	0	0	9	0	0	37	59
	Harnai *	000	0	0	31	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	00	00	96	00	0	476	51	0	0	9	0	0	45	43
Kalat	Chaman *	000	0	0	25	02	98	00	0	486	73	0	0	9	0	0	50	57
	Kalat *	000	0	0	16	03	98	00	0	498	56	0	0	9	0	0	23	44
	Nushki *	000	0	0	02	09	97	00	0	535	71	0	0	9	0	0	28	69
	Dalbandin *	000	0	0	00	00	95	05	5	470	58	0	0	9	0	0	31	54
	Panjgur *	000	0	0	06	03	98	00	0	474	63	0	0	9	0	0	22	57
Afghanistan	Kabul *																	
	Kandahar *																	

Departure from Normal of / Rainfall

DIVISIONS (1)	STATION (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	-1	-1	99.6	+2.4	110.6	140
	Chittagong	-3	+1	63.4	-3.9	70.8	108
	Maijdee Court	+2	0	53.3	-17.9	61.6	115
	Comilla	-1	0	36.1	-27.7	47.9	94
	Brahmanbaria	—	—	36.3	-3.8	54.3	78
	Sylhet	—	—	62.9	—	113.5	
	Srimangal	-5	+1	52.9	+3.9	79.6	98
Dacca	Mymensingh	-1	0	44.7	-6.2	58.7	91
	Narayanganj	0	+1	40.6	+0.4	56.7	74
	Dacca (Tezgaon)	—	—	24.3	—	58.3	
	Faridpur	0	-2	36.2	3.0	48.2	71
	Barisal	+3	+1	36.5	-11.4	53.7	84
Rajshahi	Khulna	+4	+1	36.8	-5.2	53.8	[illegible]
	Satkhira	+2	+1	25.9	-12.8	46.1	[illegible]
	Jessore	—	—	35.7	-1.1	39.0	[illegible]
	Sirajganj	+9	+1	50.1	+13.8	61.6	[illegible]
	Bogra	0	+1	50.9	+10.4	58.3	[illegible]
	Dinajpur	+3	-2	39.3	-5.5	42.7	[illegible]
	Rangpur	+3	+2	30.7	-11.2	42.1	[illegible]
Kashmir	Jammu						
Lahore	Lahore (Jail Rd.)	-10	-5	16.3	+3.5	25.0	19
	Sialkot	-9	-5	21.7	+0.9	44.9	33
Rawalpindi	Jhelum	—	—	16.6	—	27.4	
	Rawalpindi	+3	-6	13.7	-6.7	39.6	36
	Khushab	-7	-4	8.2	-0.9	17.0	16
Multan	Lyallpur	-7	-4	10.1	+2.1	16.2	12
	Montgomery	-10	-7	6.4	+0.1	10.2	10
	Multan	-1	-6	0.7	-3.7	4.1	7
Bahawalpur	Leiah						
	Khanpur	-1	0	0.2	-4.4	1.2	6
	Bahawalpur	-1	-1	1.3	-2.8	2.5	6
	Fort Abbas	—	—	2.6	—	5.5	8
Peshawar	Chakdara	—	—	2.7	—	12.5	
	Peshawar	-6	-4	1.8	-1.9	12.3	14
	Haripur	—	—	5.7	—	19.8	
	Campbellpur	—	—	4.8	—	20.4	
D.I. Khan	Bannu	—	—	2.3	—	9.4	11
	D.I. Khan	-10	-6	2.3	-2.7	7.8	13
Quetta	Sibi	—	—	1.1	—	4.2	5
Kalat	Nokkundi	—	—	0	—	1.9	2
	Turbat	—	—	3.5	—	5.9	
	Jiwani	—	—	0	—	3.1	4
	Pasni	-1	-4	0	-0.9	6.2	6
	Ormara	—	—	0	-0.8	3.8	5
	Las Bela	—	—	1.5	—	2.6	9
Karachi Federal Area & Hyderabad	Karachi (Manora)	0	-3	0.6	-4.9	1.1	8
	Karachi (Air port)	—	—	0.9	—	1.4	
	Badin	+1	×	3.6	-2.9	3.4	9
	Nagarparker	—	—	—	—	—	
	Umarkot	—	—	4.7	—	4.7	7
	Hyderabad	—	—	0.9	-4.5	2.8	
Khairpur	Pad-i-dan	—	—	0.1	—	1.4	
	Nawabshah						4
	Sukkur	—	—	0.1	—	2.9	
	Kashmore	—	—				
	Jacobabad	-2	+1	0	-2.1	3.5	20
Junagarh	Veraval						
Afghanistan	Jalalabad						
Arabia	Muscat	0	0	0	-0.1	6.9	
	Kuwait						
	HILL STATIONS						
Kashmir	Srinagar *						
	Gulmarg **						
	Sonamarg **						
	Dras **						
	Leh **						
	Skardu *						
	Misgar **	—	—	—	—	—	
Rawalpindi	Aliabad *						
	Gilgit *						
	Murree *	-2	-4	22.4	-9.0	56.3	[illegible]
Peshawar	Drosh *	-3	-7	1.9	—	24.0	[illegible]
	Cherat *	-5	-3	3.9	-6.6	25.6	[illegible]
	Kakul *	—	—	—	—	—	
	Landi Kotal *	—	—	0.9	—	15.1	
D.I. Khan	Parachinar *	—	—	6.7	—	25.8	20
	Miranshah *	—	—	3.1	-0.6	15.4	13
	Wana *	—	—	1.4	—	13.5	
Quetta	Fort Sandeman *	-5	-6	2.4	-2.3	13.9	11
	Hindubagh *	—	—	0	—	12.3	
	Loralai *	—	—	1.9	—	10.7	
	Harnai *	—	—	2.0	-4.7	14.3	14
	Quetta *	—	—	0	-1.0	9.5	9
Kalat	Chaman *	-7	-10	0	-0.1	10.2	8
	Kalat *	-4	-9	0	-1.1	8.4	7
	Nushki *	—	—	0	—	8.0	
	Dalbandin *	-11	-11	0	-0.3	4.4	4
	Panjgur *	-11	-11	0	—	4.2	5
Afghanistan	Kabul *	—					13
	Kandahar *						

†Given in Code
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day.
Whenever 990 is given as RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 4th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Silver Brook	33 194	586 00	6 23 18	98 2x 2				..		
Tegetus	33 177	676 00	2 24 13	99 02 1	074 79	23 4 00	3 5 500	..	0 54 73	1 24 32
Sirrah	33 221	599 00	2 20 10	98 02 0	052 86	00 9 03	4 5 305	..	0 03 76	1 20 22
Arbogan	33 228	596 00	0 19 13	98 02 2	016 80	00 9 00	7 4 620	..	0 51 74	1 xxxx
Sirrah	33 209	594 06	8 00 00	97 03 2	101 82	88 5 xx	4 5 117	..	0 01 72	1 17 22
Ropet	33 223	618 06	5 21 16	98 02 2	078 77	58 4 00	3 6 207	..	0 01 72	1 21 32
Yohomaru	33 204	643 06	2 27 17	97 02 1	090 84	21 4 00	8 5 120	..	0 02 75	..
Silver Brook	33 194	586 06	6 23 18	98 2x 2	34x 74			..		..
Tohomaru	33 214	630 12	3 25 15	97 02 1	070 84	31 4 00	7 5 820	..	0 04 77	
Sirrah	33 206	586 12	8 18 10	98 02 2	080 77	85 4xx	5 5 309	..	0 03 73	1 18 33
Ropet	33 202	645 18	4 25 16	98 02 1	090 79	42 4 00	3-6 205	..	0 52 73	1 21 32

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jessore														
Karachi	00 00	003 222 227	040 232 232	..	420 238 175	..	139 132 072	420 032 512	880 512 595	648 582 685	983 742	266 828	454 075	700 242
Lahore														
Multan														
Peshawar	00 00	Miss												
Quetta	00 00	930 118 042												

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached: PPP TTT $T_dT_dT_d$	TROPOPAUSE: Sc. HHHH TT	Sc. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jessore													
Karachi	00 00	980 245 245	938 212 212	900 212 198	843 242 175	800 215 145	710 135 072	670 125 065	535 522 545	432 535 655	062 315 999	..	..
Lahore													
Multan													
Peshawar	00 00	Miss											
Quetta	00 00	Miss											

PPP-Pressure in hundreds tens and units of millibars.
TTT : $T_dT_dT_d$: Dry Bulb : Dew Point temperatures (in tenths of °C.
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopocential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Heights in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)										At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	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 ..	11 08	13 02	27 02	32 04	25 04	..	..		..	27 06	27 07	31 06	..	..	..	20 03	18 01	12 01	..		..	..	..	..	..	..
Chaibasa ..											13 04	13 03	22 05								..	..	..	..	..	..
Cuttor ..	22 16	22 15	23 12	31 01	11 01	01 04	16 07	26 07	26 07	24 24	23 25	21 19	16 00	10 07	03 16						..	..	..	..	..	..
Chittagong ..	22 09	23 08	24 11	24 09	30 04	32 07	10 04	35 06		21 06	21 07	21 05	29 03	34 09	33 07	21 02	23 07	24 07	23 01	33 05	..	..	..	..	..	..
Cox's Bazar ..	21 04	22 05	24 04	26 03	28 02	12 01	36 03			19 03	23 02	23 03	25 05	26 04	31 01	17 04	15 03	16 08	25 05	33 02		..	..	..	..	..
Dacca ..	02 02	29 03	29 04	29 04	28 05	29 03	02 02	28 05	08 03	26 04	26 04	31 05	34 06	35 06	34 10	21 04	23 03	25 03	31 04	34 03						
Dalbandin ..			23 14	24 15	24 13	24 12	25 15	24 20	23 20			04 01	36 11	02 08	10 06			00 00	06 01	02 04	36 04	19 06	06 06	02 10	23 29	23 21
D. I. Khan ..	..	..	..							..		..				..	..									
Drosh ..		..	..	23 12	22 13	18 12	19 25	..			..		26 02	05 05	28 02	..	..	..	..	12 01	32 02	26 03	23 05	12 04	26 21	23 23
Fort Sandeman ..				10 09	21 15	23 09	27 15	25 25	24 35				05 10	01 09	32 16				15 01	15 09	29 15	21 11	21 13	23 19	23 45	23 42
Jacobabad ..	14 10	15 13	15 10	15 07	15 07	25 06	27 08	27 08	26 08	12 17	18 07	17 07	11 04	27 01	26 04	09 04	05 03	13 04	13 04	11 02	22 03	16 10	19 12	23 19	23 22	24 21
Jessore ..									..																	
Multan ..	13 17	13 26	13 23	14 15	06 04	01 12	34 19		..	36 03	29 01	20 01	02 04	36 17	33 15	01 02	34 01	33 03	32 09	31 11	33 13	21 07	22 21	21 22	23 40	23 36
Jhelum ..	18 06	14 09	14 07	07 09	36 16	33 23	33 16	28 08	..	19 06	25 05	30 14				17 03	08 04	08 06	34 05	29 06	34 38	30 20	31 21	..		
Karachi ..	24 25	24 25	25 23						..	27 14	26 20	28 21	34 08	36 06	08 09	25 17	26 15	27 20								
Khanpur ..	02 03	05 04	06 05	08 04	27 02	30 09	23 10	25 15	24 23	30 02	02 03	03 03	34 06	31 14	00 11	13 04	11 02	07 04	05 07	01 08	01 06	18 08	18 07	23 20	21 19	22 19
Lahore ..	09 12	10 13								04 09	07 03	03 06	31 05	01 03	36 17	35 02	35 06	35 07	31 06	35 08	36 15	32 03	19 07	20 13	24 35	21 31
Multan ..	03 10	05 10	07 09	02 05	33 03	33 10	26 15	27 16	24 21	13 10	11 07	02 05	33 08	34 09	32 16	04 02	35 02	36 02	34 05	32 05	30 04	26 09	24 18	23 27	23 25	22 27
Muscat ..				..	..	..	..	..		..		..	..	..	..	..		..		..		..				
Panjgur ..	..	..	..	..	..	..	..	..		..		..	..	..	..	..		..		..		..				
Peshawar ..	..	..								..	..	..	..	..	..	..	04 04	06 03	31 04	27 05	29 06	26 09	24 08	24 10	23 46	23 39
Quetta ..	..	..	..	31 16	30 15	20 15	25 27	24 41	23 27		..	..		36 03	29 07					27 02	16 10	19 14	21 14	24 26	23 29	24 23
Sharjah ..												..														
Sylhet ..	26 03	25 01	09 05	14 06	15 07	16 03	15 02	05 02	..	..	No	ascent	..	..	..	14 02	11 03	10 04	11 19	..	..	..	..	..	..	..
Veraval ..																										

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 14	26 15	29 15	29 19	31 19	02 12	11 24	08 08	21 08	25 18	21 25	23 18	18 18	22 15	21 12	14 09		
Peshawar ..																		
Quetta ..																		

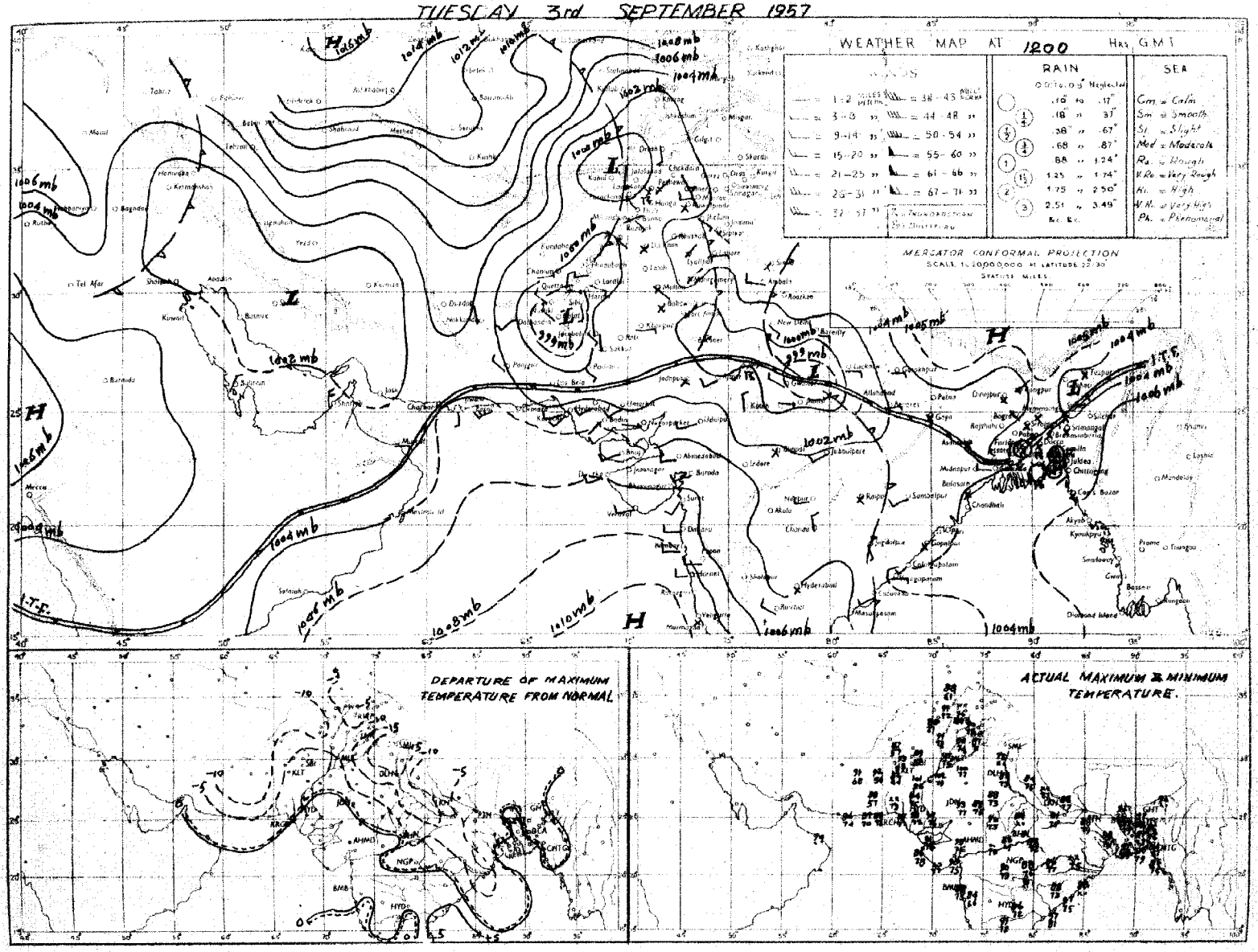
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_Ev_E$ etc)

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 Force, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

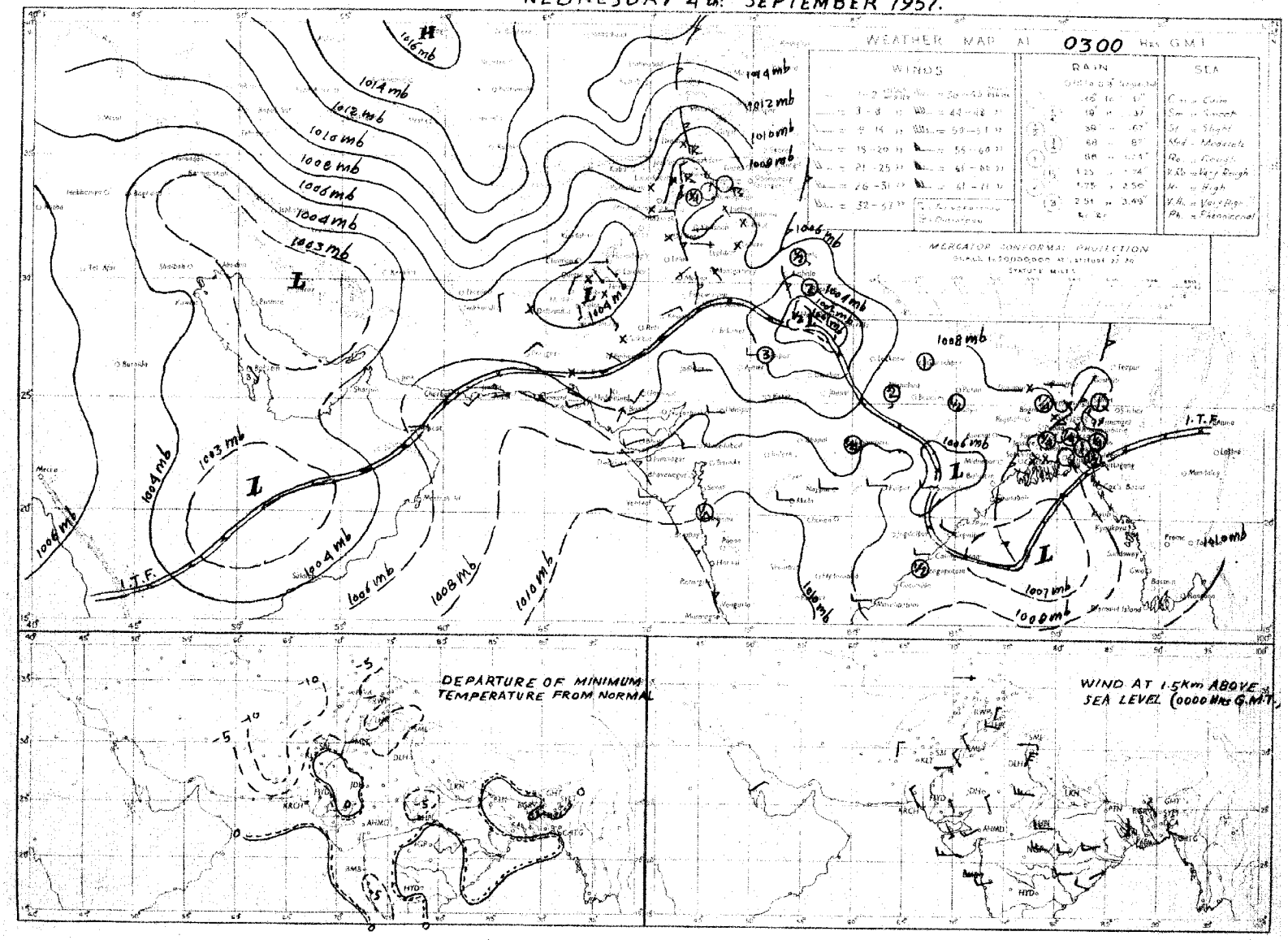
TUESDAY 3rd SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 4th: SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

THURSDAY, THE 5th SEPTEMBER, 1957.

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

Yesterday's low over West Uttar Pradesh has become unimportant.

A trough of low lies over north Bay of Bengal.

Fairly widespread thunderstorms/showers have been reported from Chittagong and Dacca divisions and scattered rain from Rajshahi division.

Chief amounts of rainfall are:—Comilla 4"; Srimangal 3"; Maijdee Court 2"; Brahmanbaria 1½" (recorded upto 1200 G.M.T. of 4-9-57) Satkhira ¾"; Faridpur and Rangpur ½" each and Sylhet and Narayanganj ½" each.

Day temperatures were 3-10°F below normal over West Pakistan outside Rawalpindi, south Kalat and Hyderabad divisions.

Forecast valid until the evening of 6th:—Local rain will fall in Chittagong and Dacca divisions and scattered in Rajshahi division. Weather will be dry over West Pakistan.

Karachi-11.
The 5th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at† Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility† VV (8)	Present weather† ww (9)	Past weather† W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form† CL (14)	Height of Lowest Cloud† h (15)	Medium Cloud form† CM (16)	High Cloud form† CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	6	20	02	96	02	1	061	83	3	5	7	0	6	76	88
	Chittagong	000	0	3	xx	xx	96	02	2	057	83	3	4	6	2	0	77	87
	Maijdee Court	235	8	8	13	02	98	01	8	019	84	0	0	9	2	2	78	85
	Comilla	025	1	8	00	00	97	60	6	057	82	8	4	4	x	x	79	87
	Brahmanbaria	045	7	6	18	02	97	03	9	053	81	2	4	5	2	0	78	88
	Sylhet	000	0	7	00	00	97	17	2	049	84	3	3	6	3	0	78	86
	Srimangal	001	6	7	18	02	97	17	6	054	82	6	1	6	0	2	77	86
Dacca	Mymensingh	000	0	8	13	02	98	02	2	053	82	8	7	4	x	x	76	89
	Narayanganj	022	6	8	00	00	94	03	6	047	83	7	5	5	3	x	77	89
	Dacca (Tezgaon)	003	7	7	00	00	98	02	9	045	81	2	3	5	0	4	78	88
	Faridpur	057	6	8	00	00	96	02	6	044	81	8	4	6	x	x	78	87
	Barisal	016	4	8	00	00	95	03	9	051	85	6	7	9	4	0	75	87
Rajshahi	Khulna	000	0	8	18	03	97	03	1	047	85	8	5	6	x	x	78	94
	Satkhira	000	0	6	00	00	98	03	1	047	87	4	5	8	9	0	78	92
	Jessore	000	0	5	18	03	97	03	2	049	83	3	4	6	6	0	79	93
	Sirajganj	000	0	8	00	00	96	00	0	037	81	0	0	9	0	7	77	90
	Bogra	000	0	5	00	00	96	02	1	039	84	5	1	6	0	0	78	91
	Dinajpur	000	2	6	00	00	96	02	2	048	87	0	0	9	2	0	80	88
	Rangpur	055	5	7	09	02	96	01	6	xxx	83	6	5	6	2	0	79	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	96	01	0	036	90	1	2	7	3	0	73	91
	Sialkot	000	0	0	23	02	98	00	0	024	93	0	0	9	0	0	73	95
Rawalpindi	Jhelum	000	4	1	00	00	98	02	0	022	92	1	1	8	0	0	71	93
	Rawalpindi	000	0	0	00	00	99	00	1	987	93	0	0	9	0	0	61	95
	Khushab	000	0	0	23	02	98	00	0	025	54	0	0	9	0	0	66	97
Multan	Lyallpur	000	0	6	34	02	96	02	0	036	93	6	0	9	5	0	72	94
	Montgomery	000	0	0	00	00	97	00	1	035	91	0	0	9	0	0	72	93
	Multan	000	0	1	13	02	96	01	0	031	95	0	0	9	0	1	72	98
Bahawalpur	Leiah																	
	Khanpur	000	0	0	31	03	96	00	0	024	01	0	0	9	0	0	76	01
	Bahawalpur	000	0	3	00	00	97	02	0	039	95	0	0	9	0	2	81	97
	Fort Abbas	000	0	0	05	02	97	00	0	031	95	0	0	9	0	0	69	09
Peshawar	Chakdara	000	0	1	00	00	98	01	1	977	92	1	2	7	0	0	62	93
	Peshawar	000	0	1	09	03	97	01	0	006	92	1	1	6	0	0	66	94
	Haripur	000	5	2	23	01	97	03	1	004	88	0	0	9	0	4	68	92
	Campbellpur	000	0	0	18	03	98	00	0	012	95	0	0	9	0	0	65	95
D.I. Khan	Bannu	000	0	4	13	02	99	03	1	015	91	0	0	9	0	3	68	93
	D.I. Khan	000	6	4	00	00	98	03	0	042	92	0	0	9	0	4	75	94
Quetta	Sibi	000	0	0	13	01	99	00	0	010	05	0	0	9	0	0	75	05
Kalat	Nokkundi	000	0	0	34	02	99	02	0	031	93	0	0	9	0	0	17	95
	Turbat	000	0	0	31	02	97	00	0	004	01	0	0	9	0	0	xx	08
	Jiwani	000	0	1	18	12	97	01	0	060	82	1	6	4	0	0	73	85
	Pasni	000	0	0	23	19	94	07	0	069	83	0	0	9	0	0	73	87
	Ormara	000	0	0	xx	xx	98	02	0	069	80	0	0	9	0	0	80	83
	Las Bela	000	0	0	13	04	98	00	5	092	79	0	0	9	0	0	70	xx
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	10	98	02	0	055	85	0	0	9	5	0	81	86
	Karachi (Air port)	000	0	3	23	10	97	01	1	053	84	3	5	5	0	0	73	87
	Badin	000	0	0	23	02	97	00	0	055	95	0	0	9	0	0	69	95
	Nagarparker	xxx	x	0	25	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	23	03	97	00	0	042	97	0	0	9	0	0	73	97
	Hyderabad	000	0	0	20	09	97	02	0	033	95	0	0	9	0	0	69	99
Khairpur	Pad-i-dan	000	0	1	13	05	98	02	0	020	02	1	0	9	4	0	61	03
	Nawabshah																	
	Sukkur	000	0	0	34	03	96	00	0	020	98	0	0	9	0	0	75	99
	Kashmore	000	0	0	18	03	99	00	0	990	99	0	0	9	0	0	63	xx
	Jacobabad	000	0	2	13	05	90	03	0	027	93	1	2	6	1	0	72	99
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	047	87	0	0	9	0	0	80	90
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	4	00	00	98	01	0	055	62	0	0	9	0	0	45	68
Rawalpindi	Attabad *																	
	Gilgit *																	
	Murree *	000	9	0	31	03	98	00	1	463	68	0	0	9	0	0	58	70
Peshawar	Drosh *	00.	0	4	23	03	96	03	0	439	87	4	5	6	0	0	34	91
	Cherat *	000	6	1	18	02	97	01	1	470	82	1	1	6	0	0	63	84
	Kakul *	000	0	0	18	03	99	00	0	466	77	0	0	9	0	0	63	80
	Landi Kotal *	002	0	0	02	02	98	00	0	453	86	0	0	9	0	0	56	88
D.I. Khan	Parachinar *	000	0	0	31	02	96	00	0	798	83	0	0	9	0	0	56	xx
	Miranshah *	000	0	0	00	00	97	00	0	504	86	0	0	9	0	0	83	89
	Wana *	000	0	1	09	01	99	00	3	438	85	1	2	8	0	0	42	89
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	426	90	0	0	9	0	0	34	92
	Hindubagh *	000	0	0	27	05	98	00	0	456	83	0	0	9	0	0	46	85
	Loralai *	000	0	3	13	05	98	02	0	447	85	3	0	9	4	0	37	86
	Harnai *	000	0	0	09	03	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	05	02	97	01	0	451	82	0	0	9	0	1	38	85
	Chaman *	000	0	0	23	02	98	00	0	493	81	0	0	9	0	0	44	90
Kalat	Kalat *	000	0	0	34	05	98	00	0	463	75	0	0	9	0	0	19	81
	Nushki *	000	0	0	36	09	96	00	0	524	92	0	0	9	0	0	19	92
	Dalbandin *	000	0	0	00	00	96	00	0	481	91	0	0	9	0	0	51	93
	Panjgur *																	
Afghanistan	Kabul *	000	0	3	14	00	99	03	0	408	81	3	3	8	0	0	40	83
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at† Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility† VV (25)	Present weather† ww (26)	Past Weather† W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form† CL (31)	Height of Lowest Cloud† h (32)	Medium Cloud form† CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	000	6	6	16	02	96	02	9	090	87	4	2	7	5	2	78	77
Chittagong	003	0	6	13	02	97	03	2	085	85	4	4	5	2	0	79	78
Maijdee Court	235	9	8	00	00	96	03	6	080	82	4	5	5	2	x	78	75
Comilla	339	5	8	00	00	95	95	6	099	73	8	3	4	x	x	72	73
Brahmanbaria																	
Sylhet	037	9	8	13	02	95	63	9	084	77	6	5	5	3	x	77	77
Srimangal	320	7	8	00	00	96	60	9	087	76	8	5	6	x	x	75	75
Mymensingh	000	0	8	13	02	98	02	2	088	81	8	4	4	x	x	77	78
Narayanganj	022	9	8	09	05	94	03	6	087	79	8	7	4	x	x	75	79
Dacca (Tezgaon)																	
Faridpur	057	9	8	34	02	96	03	0	079	85	6	5	7	1	0	79	76
Barisal	016	0	4	00	00	96	03	2	069	85	7	0	9	6	0	78	79
Khulna	000	0	8	00	00	97	01	2	083	87	8	5	7	x	x	80	81
Satkhira	076	3	8	23	02	96	03	2	082	85	x	x	6	x	x	81	80
Jessore	000	0	6	18	03	97	03	2	077	85	4	4	6	6	0	81	80
Sirajganj	000	0	8	00	00	96	02	2	061	85	8	0	7	5	0	78	80
Bogra	000	0	6	00	00	97	02	1	076	83	6	4	6	0	0	80	80
Dinajpur	000	2	8	00	00	96	02	2	082	84	8	4	7	0	0	78	75
Rangpur	055	0	5	13	02	96	03	2	xxx	83	4	5	6	2	0	79	78
Jammu																	
Lahore (Jail Rd.)	000	0	3	18	03	96	03	0	071	79	1	2	7	3	4	73	75
Sialkot	000	0	0	13	02	97	00	0	063	83	0	0	9	0	0	76	76
Jhelum	000	0	0	13	02	98	02	0	066	82	0	0	9	0	0	73	76
Rawalpindi	000	0	2	00	00	99	02	0	044	83	2	0	9	2	0	71	72
Khushab	000	0	0	02	02	98	00	0	065	86	0	0	9	0	0	72	78
Lyallpur	000	0	0	23	02	96	00	0	057	81	0	0	9	0	0	72	77
Montgomery	000	0	0	13	09	98	00	0	058	80	0	0	9	0	0	73	75
Multan	000	0	0	23	02	96	00	0	052	83	0	0	9	0	0	71	73
Leiah																	
Khanpur	000	0	0	25	04	96	00	0	064	85	0	0	9	0	0	75	81
Bahawalpur	000	0	0	00	00	97	00	0	061	85	0	0	9	0	0	77	77
Fort Abbas	000	0	0	05	04	97	00	0	061	93	0	0	9	0	0	75	77
Chakdara	000	0	2	00	00	96	03	0	046	65	2	1	7	x	x	63	53
Peshawar	000	0	0	23	02	98	01	0	042	80	0	0	9	0	0	70	74
Haripur	000	2	1	13	02	97	01	0	060	72	1	1	6	x	x	67	70
Campbellpur	000	0	0	13	02	98	00	0	064	83	0	0	9	0	0	70	xx
Bannu	000	0	0	00	00	99	00	0	054	85	0	0	9	0	0	70	75
D.I. Khan	000	0	0	00	00	98	00	0	047	82	0	0	9	0	0	76	77
Sibi	000	0	0	00	00	99	00	0	061	85	0	0	9	0	0	68	84
Nokkundi	000	0	0	36	02	99	02	0	084	78	0	0	9	0	0	19	79
Turbat	000	0	0	23	01	98	00	0	019	xx	0	0	9	0	0	xx	xx
Jiwani	000	0	5	18	05	97	03	2	076	78	5	5	5	0	0	73	73
Pasni																	
Ormara	000	0	6	xx	09	97	02	1	109	77	6	0	7	4	0	77	75
Las Bela	000	0	0	00	02	98	00	2	009	80	0	0	9	0	0	76	76
Karachi (Manora)	000	0	5	29	07	97	03	1	083	79	4	0	9	7	1	76	77
Karachi (Air port)	000	0	3	27	03	96	03	1	084	78	3	6	5	0	0	74	76
Badin	000	0	0	23	02	96	00	0	077	79	0	0	9	0	0	72	xx
Nagarparker	xxx	x	0	13	02	98	00	0	—	—	0	0	9	0	0	—	—
Umarkot	000	0	0	23	03	97	03	0	011	81	0	0	9	0	0	74	75
Hyderabad	000	0	0	20	07	97	02	0	077	79	0	0	9	0	0	72	77
Pad-i-dan	000	0	1	13	05	98	02	0	063	79	1	0	9	5	0	69	76
Nawabshah																	
Sukkur	000	0	0	31	02	96	00	0	060	81	0	0	9	0	0	72	79
Kashmore	000	0	0	18	01	99	00	0	073	84	0	0	9	0	0	81	xx
Jacobabad	000	0	0	18	03	97	02	0	062	85	0	0	9	0	0	73	80
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	000	0	6	00	00	96	01	1	056	49	0	0	9	0	0	30	40
Attabad *																	
Gilgit *																	
Murree *	000	5	1	29	05	98	01	1	481	60	1	1	4	∪	0	54	55
Drosh *	000	0	1	00	00	96	03	0	492	73	1	1	7	∪	0	48	65
Cherat *	000	0	0	18	02	96	00	0	474	72	0	0	9	∪	0	55	66
Kakul *	000	6	1	23	02	96	01	1	486	72	0	0	9	/	0	63	63
Landi Kotal *	000	0	0	00	00	98	00	0	472	79	0	0	9	∪	0	61	68
Parachinar *	000	0	0	00	00	99	00	0	795	71	0	0	9	∪	0	47	—
Miranshah *	000	0	0	00	00	99	00	0	324	77	0	0	9	∪	0	73	71
Wana *	000	0	0	00	00	99	00	0	467	63	0	0	9	∪	2	xx	57
Fort Sandeman *	000	0	0	23	02	98	00	0	486	72	0	0	9	∪	0	53	61
Hindubagh *	000	0	0	27	02	98	00	0	497	63	0	0	9	∪	0	38	57
Loralai *	000	0	2	27	02	98	02	1	474	63	0	0	9	5	0	29	58
Harnai *	000	0	0	27	01	98	00	0	—	—	0	0	9	0	0	—	—
Quetta *	000	0	3	00	00	95	01	0	488	57	0	0	9	8	0	31	46
Chaman *	000	0	0	02	30	97	00	0	503	76	0	0	9		0	47	58
Kalat *	000	0	0	00	00	98	00	0	514	63	0	0	9	0	0	21	45
Nushki *	000	0	0	36	05	97	00	0	518	74	0	0	9	0	0	28	69
Dalbandin *	000	0	0	05	02	96	02	0	475	74	0	0	9	0	0	32	59
Panjgur *	000	0	0	05	02	98	00	0	479	63	0	0	9	0	0	15	56
Kabul *	003	0	0	00	00	99	00	0	557	58	0	0	9	0	0	44	49
Kandahar *																	

Station (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1957 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	+ 2	+ 1	99.6	+ 1.6	110.5	140
Chittagong	0	+ 2	63.5	- 4.5	78.1	108
Maijdee Court	- 1	- 3	55.6	-16.2	63.9	115
Comilla	+ 1	- 4	39.5	-14.8	51.3	94
Brahmanbaria	—					78
Sylhet	—	—	63.3	—	118.9	[illegible]
Srimangal	+ 4	0	56.1	+ 16.6	82.8	98
Mymensingh	+ 1	0	44.7	- 6.6	58.7	91
Narayanganj	+ 1	0	70.8	+ 0.2	56.9	74
Dacca (Tezgaon)	—					
Faridpur	- 1	- 3	36.7	- 2.9	48.9	71
Barisal	0	+ 1	36.7	-11.7	53.7	81
Khulna	+ 6	+ 3	36.8	- 5.5	53.8	[illegible]
Satkhira	+ 3	+ 2	26.7	-12.3	47.5	[illegible]
Jessore	—	—	35.7	- 1.4	39.0	[illegible]
Sirajganj	+ 2	+ 1	50.7	+ 13.4	61.6	[illegible]
Bogra	+ 2	+ 2	51.4	+ 10.5	58.9	[illegible]
Dinajpur	- 1	- 3	39.3	- 6.3	42.7	[illegible]
Rangpur	0	+ 1	39.3	-11.2	42.6	[illegible]
Jammu						[illegible]
Lahore (Jail Rd.)	- 6	- 1	16.3	+ 3.5	25.0	19
Sialkot	+ 1	- 1	28.7	+ 0.8	44.9	32
Jhelum	0	—	16.6	—	27.4	
Rawalpindi	+ 2	- 1	13.7	- 7.0	29.8	36
Khushab	- 2	- 1	8.2	- 0.9	17.0	15
Lyallpur	- 3	- 1	10.1	+ 2.0	16.2	17
Montgomery	- 8	- 5	6.4	0.0	10.2	10
Multan	0	- 8	0.7	- 3.7	4.1	9
Leiah						8
Khanpur	- 2	+ 2	0.2	- 4.4	1.2	6
Bahawalpur	- 4	- 1	1.3	- 2.9	2.5	6
Fort Abbas	—	—	2.6	—	5.5	8
Chakdara	—	—	2.7	—	17.5	
Peshawar	- 3	- 2	1.8	- 1.9	12.9	14
Haripur	—	—	5.7	—	19.8	
Campbellpur	—	—	4.8	—	20.2	
Bannu	—	—	2.3	—	9.4	11
D.I. Khan	- 7	- 2	2.3	- 2.7	7.8	10
Sibi	—	—	1.1	—	6.2	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	4
Jiwani	—	—	0		3.1	4
Pasni	- 1		0	- 0.8	3.8	4
Ormara	—	—	1.5	—	2.6	8
Las Bela	—	—				
Karachi (Manora)	0	- 1	0.6	- 5.0	1.1	8
Karachi (Air port)	—	—	0.9	—	1.4	
Badin	+ 2	x	3.6	- 3.0	3.6	9
Nagarparker	—	—	—	—	—	
Umarkot	—	—	4.7	—	4.7	7
Hyderabad	+ 2	- 1	0.9	- 4.6	2.8	
Pad-i-dan	—	—	0.1	—	1.4	
Nawabshah						
Sukkur	—	—	0.1	—	2.9	4
Kashmore	—	—	—	—	—	
Jacobabad	- 4	0	0	- 2.1	3.5	4
Veraval						20
Jalalabad						
Muscat	0					4
Kuwait						
HILL STATIONS						
Srinagar *						26
Gulmarg **						
Sonamarg **						71
Dras **						28
Leh **						3
Skardu *						6
Misgar **	—	—	—	—	—	
Attabad *						
Gilgit *						5
Murree *	+ 1	- 1	22.4	- 9.2	56.3	59
Drosh *	0	- 3	1.9	—	24.0	16
Cherat *	- 1	- 2	3.9	- 6.7	24.6	49
Kakul *	—	—	12.6	—	40.1	
Landi Kotal *	—	—	0.9	—	15.1	
Parachinar *	—	—	6.7	—	25.8	29
Miranshah *	—	—	3.1	- 0.7	15.4	13
Wana *	—	—	1.4	—	13.5	
Fort Sandeman *	- 4	- 9	2.4	- 2.3	12.9	41
Hindubagh *	—	—	0	—	12.3	
Loralai *	—	—	1.9	—	10.7	
Harnai *	—	—	2.0	- 4.8	14.5	16
Quetta *	—	—	0	- 1.0	9.5	9
Chaman *	- 4	- 9	0	- 0.1	10.2	8
Kalat *	- 5	- 8	0	- 1.1	8.4	7
Nushki *	—	—	0	—	8.0	4
Dalbandin *	- 10	- 6	0	- 0.3	4.4	3
Panjgur *		- 12	0	—	4.2	13
Kabul *	—	—	—	—	—	
Kandahar *						

†Given in Code.

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day.

Whenever 999 is given on RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 5th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_1L_2L_3$	$L_0L_0L_0$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_1 V_s$ a PP	8 N_s $C_h h_s h_s$	O T_1T_2 T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mahsuker	43 227	638 06	5 24 13	98 02 1	106 82	55 2 00	..	..	0 03 70	1 24 24
Sands	43 162	605 06	3 25 17	98 01 1	113 81	31 6 00	..	..		
Malenker	43 221	627 12	5 24 13	97 02 1	077 82	52 5 00	5 5 711	..	0 04 73	1 23 23

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jessore ..														
Karachi ..	00 00	004 252 245	061 xxxxxx	Missing										
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	Missing												

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$							Max. Height Reached: PPP TTT $T_dT_dT_d$	TROPOPAUSE: St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jessore ..													
Karachi ..	00 00	Missing											
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Missing											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of °C.
St.-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra ..	27 03	18 03	18 03	27 03	19 03	..	..	..	..
Chittagong ..	..	36 06	30 04	28 06	29 07	33 12	31 13	30 13	27 10
Dacca ..	22 13	22 11	21 12	08 02	08 06	36 02	20 09	23 08	24 07
Jessore ..	23 04	24 07	24 07	25 05	29 07	25 04	19 09	34 08	34 09
Karachi ..	22 06	23 07	25 05	27 04	24 01	..	..	..	..
Cox's Bazar ..	24 05	28 04	31 03	29 04	32 04	32 05	34 09	34 09	34 08
Dacca ..			24 01	34 02	33 04	03 05	24 08	28 07	35 09
Dalhousie ..	..	..	..	..	..	..	..	..	..
D. I. Khan ..	..	..	..	22 15	22 19	22 08	15 03	..	..
Drosh ..			..	21 14	21 20	24 11	29 11	30 15	26 21
Fort Sandeman ..	17 12	18 12	17 10	17 07	18 07	23 02	26 08	21 04	27 09
Hoshiarpur ..									
Jessore ..	11 02	21 03	29 04	30 11	31 09	32 12	28 11	23 13	20 13
Jhelum ..	20 12	16 10	15 10	02 07	36 13	04 20	..	..	..
Peshawar ..	26 18	27 15	27 06	03 03	04 05	..	..	..	..
Karachi ..	35 07	34 07	01 05	13 03	15 04	27 06	24 04	24 15	23 19
Khanpur ..	30 04	30 03	02 03	02 08	36 10	34 17	30 13	29 10	17 17
Lahore ..	33 06	03 05	12 04	11 06	10 07	36 11	27 13	30 14	30 12
Multan ..	..	..	..	..	..	..	..	..	..
Mauripur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	07 08	11 08	19 07	22 04	29 05	30 11	31 07	28 12
Quetta ..	..	..	..	..	30 07	28 13	23 09	23 09	26 10
Sharjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	12 02	09 01	14 03	10 06	09 09	11 06	12 12	11 14	11 12
Veraval ..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra ..	22 04	24 05	..	..	..	..
Chittagong ..	..	..	..	..	..	..
Dacca ..	23 22	22 26	20 22	18 13	13 07	07 09
Jessore ..	18 10	19 09	20 07	20 05	21 02	..
Karachi ..	19 01	25 02	25 03	23 06	..	..
Cox's Bazar ..	25 11	25 09	27 06	34 03	36 07	35 08
Dacca ..	..	..	09 04	06 10	06 12	08 05
Dalhousie ..	..		..	..	..	..
D. I. Khan ..	..	..	..	13 01	15 03	24 03
Drosh ..	..	..		20 03	32 10	32 19
Fort Sandeman ..	16 13	19 08	16 07	23 09	22 50	27 08
Hoshiarpur ..						
Jessore ..	12 06	04 03	31 03	32 11	33 09	32 11
Jhelum ..	19 05	29 07	32 05	33 05	..	..
Peshawar ..	27 17	27 12	30 12	19 04	30 03	..
Karachi ..	22 21	24 20	22 14	22 08	28 14	30 16
Khanpur ..	20 13	23 05	36 08	36 11	01 15	36 17
Lahore ..	15 14	16 14	18 15	24 15	25 17	30 07
Multan ..	..	..	..	..	..	..
Mauripur ..	..	..	..	..	..	..
Peshawar ..	..	32 08	31 04	23 03	12 05	20 03
Quetta ..		..			33 02	29 09
Sharjah ..	..	..	..	..	..	..
Sylhet ..	12 09	12 09	12 07	..	..	..
Veraval ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	No	ascent	..	..	..	..	..	..	..	..	..
Chittagong ..	..	..	..	..	..	..	..	..	..	..	..
Dacca ..	21 07	21 12	21 09	18 10	19 08	17 06	..	..	..	..	..
Jessore ..	No	ascent					..	..	..	..	..
Karachi ..	12 07	17 03	20 02	30 04	32 07	34 03					
Cox's Bazar ..			07 05	08 11	11 04	13 07	17 06	35 03	30 07	24 19	23 31
Dacca ..	..	..									
Dalhousie ..	..	..	..	..	..	..	..	..	..	..	..
D. I. Khan ..	..	..	..	..	12 01	35 04	07 03	14 01	25 04	24 13	24 46
Drosh ..			..	23 03	12 04	03 07	19 09	21 14	23 15	23 27	23 44
Fort Sandeman ..	21 04	20 04	19 06	19 07	20 05	15 02	14 11	24 05	21 16	23 31	20 33
Hoshiarpur ..											
Jessore ..	13 03	21 04	27 02	31 07	31 09	32 07	24 10	21 19	23 26	24 43	23 49
Jhelum ..	20 11	13 12	34 11	25 04	24 03	03 05	..	..	..	..	..
Peshawar ..	25 16	25 16	25 16								
Karachi ..	24 10	25 12	25 11	28 11	31 08	22 03	16 09	21 19	19 11	..	..
Khanpur ..	25 04	23 04	01 03	01 09	01 06	34 11	23 04				
Lahore ..	17 17	16 21	15 19	15 11	21 08	26 02	24 04	09 07	24 08	22 16	24 37
Multan ..	..	..	..	..	..	..	..	..	..	..	..
Mauripur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	29 06	31 06	16 12	15 20	17 22	18 21	23 41
Quetta ..	..	..	..	..							
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	12 05	13 05	14 05	15 08	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..					

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	Missing																	
Peshawar ..																		
Quetta ..																		

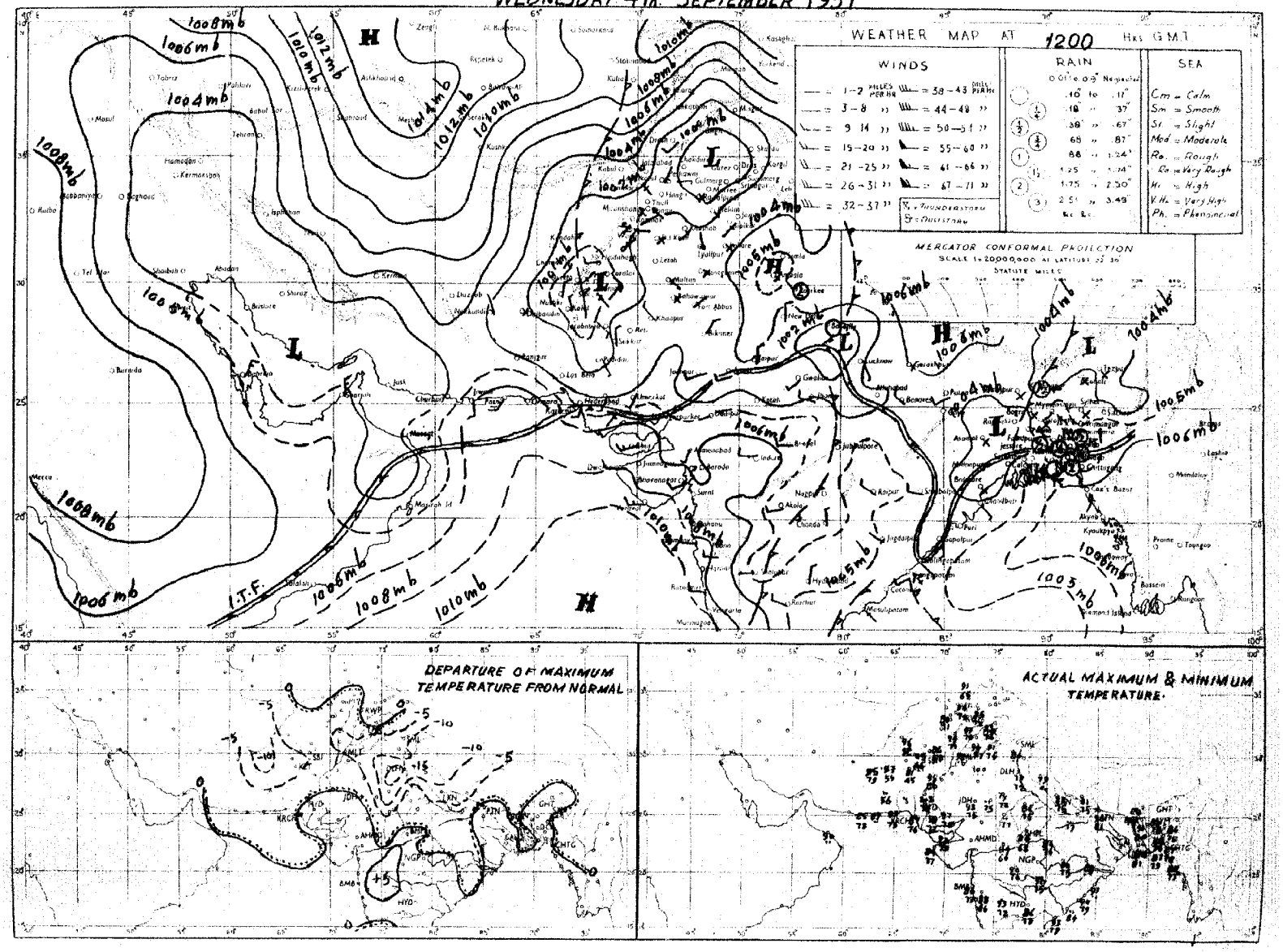
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

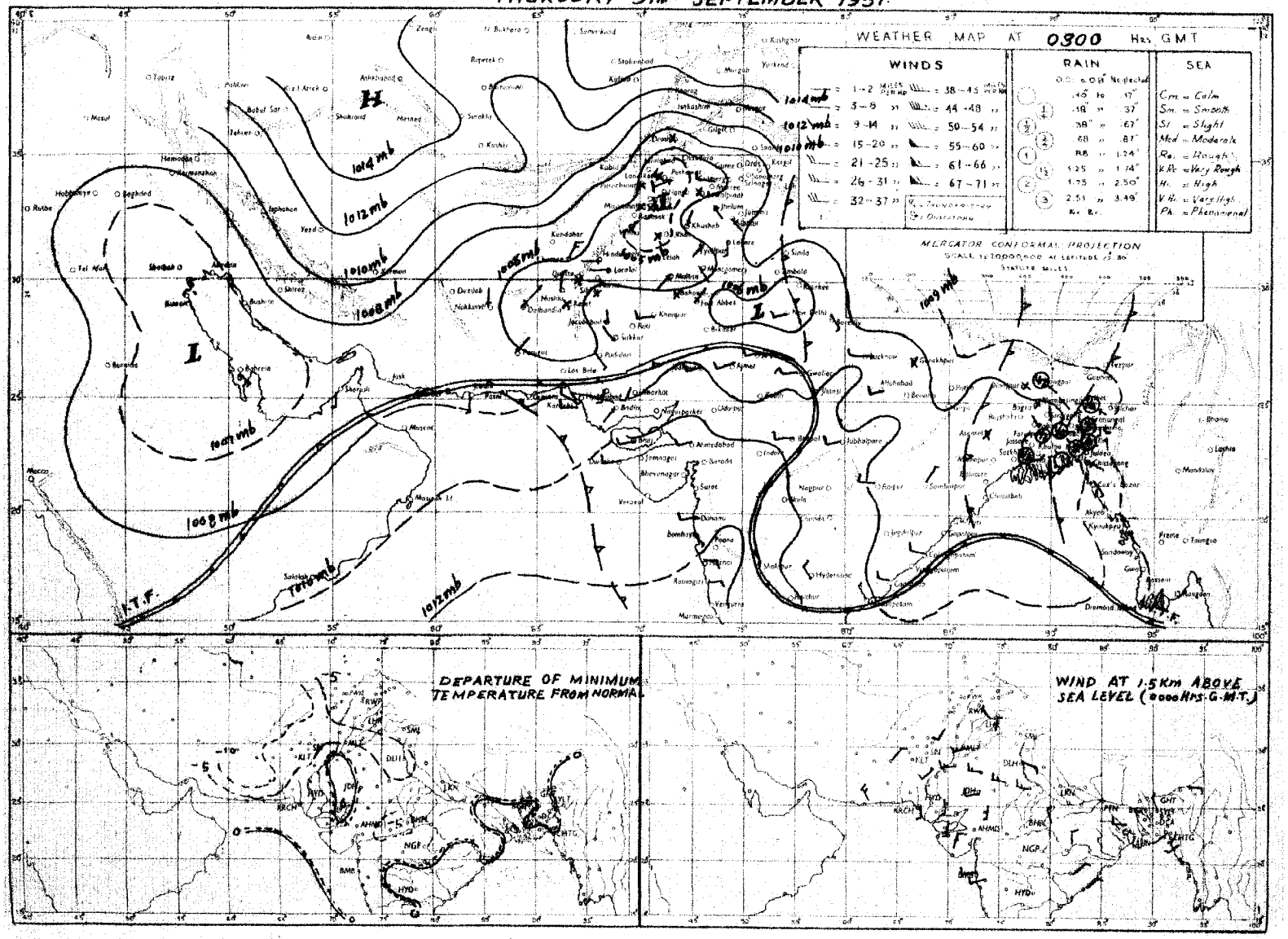
WEDNESDAY 4th SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 5th SEPTEMBER 1957



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

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PAKISTAN DAILY WEATHER REPORT

FRIDAY, THE 6th SEPTEMBER, 1957.

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

Yesterday's trough of low over north and adjoining central Bay of Bengal persists.

Fairly widespread rain has fallen in Chittagong and Dacca divisions and scattered in Rajshahi division.

A westerly low pressure wave is moving across the extreme north of West Pakistan.

Scattered thunderstorms/showers have been reported from Peshawar division and scattered thunderstorms from Rawalpindi division.

Chief amounts of rainfall are:—Comilla, Narayanganj and Barisal 1½" each; Mymensingh, Dacca, Sirajganj and Bogra 1" each; Maijdee Court ¾"; Chittagong, Sylhet and Haripur ½" each and Srimangal and Campbellpur ¼" each.

Day temperatures were 4-8°F below normal in Bahawalpur, Quetta and north Kalat divisions and in East Pakistan.

Forecast valid until the evening of 7th:—Rainfall will be fairly widespread in East Pakistan. Thunderstorms/showers will be scattered in Lahore, Rawalpindi and Peshawar divisions and in Kashmir.

Karachi-11.
The 6th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS	STATION	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	5	20	02	96	02	1	060	84	4	4	7	6	8	77	89
Chittagong	Chittagong	015	8	7	23	02	96	03	6	052	84	5	3	5	2	0	79	88
Chittagong	Maijdee Court	075	9	8	00	00	96	02	6	047	79	4	4	5	4	×	78	××
Chittagong	Comilla	035	6	8	00	00	96	02	6	063	78	8	7	4	×	×	77	78
Chittagong	Brahmanbaria	003	8	3	00	00	97	01	6	060	78	3	5	5	0	0	75	79
Chittagong	Sylhet	008	7	7	00	00	97	02	6	047	81	5	7	4	2	8	78	85
Chittagong	Srimangal	002	8	7	00	00	96	02	6	052	80	6	4	6	3	0	77	83
Dacca	Mymensingh	107	0	8	00	00	96	92	2	×××	××	5	0	7	9	3	78	86
Dacca	Narayanganj	115	9	8	00	00	94	03	6	046	77	8	5	5	×	×	75	79
Dacca	Dacca (Tezgaon)	095	7	8	23	62	97	02	9	042	79	8	0	9	7	×	77	83
Dacca	Faridpur	004	5	8	00	00	96	02	6	045	79	8	4	7	0	0	76	86
Dacca	Barisal	095	4	8	00	00	95	61	9	057	78	6	7	9	0	0	77	87
Rajshahi	Khulna	000	0	8	00	00	96	03	2	051	80	8	5	5	×	×	77	90
Rajshahi	Satkhira	000	6	8	00	00	96	03	2	050	82	×	×	6	×	×	81	92
Rajshahi	Jessore	000	4	8	09	02	96	03	5	046	80	8	5	5	×	×	79	90
Rajshahi	Sirajganj	115	2	8	00	00	96	01	9	038	79	8	6	5	×	×	78	90
Rajshahi	Bogra	095	7	6	00	00	96	02	9	036	84	6	6	6	0	0	78	83
Rajshahi	Dinajpur	000	2	6	00	00	96	02	2	039	85	0	0	9	2	0	78	90
Rajshahi	Rangpur	005	5	7	20	02	96	01	5	×××	85	5	5	6	2	0	79	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	5	00	00	96	03	2	039	93	3	3	7	3	0	74	94
Lahore	Sialkot	000	6	3	31	02	97	03	2	028	93	3	2	6	×	×	74	95
Rawalpindi	Jhelum	000	6	1	00	00	97	02	0	021	95	1	1	7	0	0	72	97
Rawalpindi	Rawalpindi	000	0	4	00	00	98	01	0	989	93	4	2	6	0	0	61	95
Rawalpindi	Khushab	000	0	2	18	05	98	03	1	021	97	2	2	9	0	0	66	99
Multan	Lyallpur	000	0	0	16	02	96	00	0	033	93	0	0	9	0	0	71	97
Multan	Montgomery	000	0	2	00	00	97	02	1	034	96	2	1	7	0	0	78	98
Multan	Multan	000	0	0	23	02	96	00	0	023	98	0	0	9	0	0	85	02
Bahawalpur	Leiah																	
Bahawalpur	Khanpur	000	6	3	31	02	97	03	2	028	93	3	2	6	×	×	74	95
Bahawalpur	Bahawalpur	000	0	0	00	00	97	00	0	020	97	0	0	9	0	0	73	00
Bahawalpur	Fort Abbas	000	0	0	27	02	97	03	0	017	99	0	0	9	0	0	69	04
Peshawar	Chakdara																	
Peshawar	Peshawar	000	0	7	05	05	97	17	2	002	92	4	3	6	3	3	76	98
Peshawar	Haripur	000	9	2	31	02	97	03	1	003	90	2	2	6	×	×	80	96
Peshawar	Campbellpur	000	0	3	18	02	98	03	1	004	99	3	3	6	0	0	65	98
D.I. Khan	Bannu	000	0	1	03	02	99	00	0	009	95	0	0	9	0	0	64	95
D.I. Khan	D.I. Khan	000	0	0	00	00	98	00	0	027	97	0	0	9	0	0	72	98
Quetta	Sibi	000	0	0	18	01	99	10	0	018	06	0	0	9	0	0	71	08
Kalat	Nokkundi	000	0	0	34	02	99	02	0	030	96	0	0	9	0	0	19	99
Kalat	Turbat	000	0	0	23	02	97	00	0	011	××	0	0	9	0	0	84	05
Kalat	Jiwani	000	0	3	20	09	97	03	1	072	82	3	6	4	0	0	73	85
Kalat	Pasni	000	0	0	23	19	96	00	0	084	83	0	0	9	0	0	72	85
Kalat	Ormara	000	0	0	××	09	98	00	0	085	83	0	0	9	0	0	79	84
Kalat	Las Bela	000	0	0	09	04	98	00	0	047	98	0	0	9	0	0	72	02
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	27	09	98	01	0	068	84	2	0	9	5	0	80	87
Karachi Federal Area & Hyderabad	Karachi (Air port)	000	0	2	23	10	97	02	0	066	84	2	5	6	0	0	74	88
Karachi Federal Area & Hyderabad	Badin	000	0	8	23	02	97	00	0	052	96	0	0	9	0	0	69	99
Karachi Federal Area & Hyderabad	Nagarparker	×××	×	0	20	02	98	00	0	×××	××	0	0	9	0	0	××	××
Karachi Federal Area & Hyderabad	Umarkot	000	0	0	23	03	97	00	0	991	95	0	0	9	0	0	69	97
Karachi Federal Area & Hyderabad	Hyderabad	000	0	0	20	09	97	02	0	049	93	0	0	9	0	0	68	96
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	001	01	0	0	9	0	0	58	04
Khairpur	Nawabshah	000	0	0	18	05	97	02	0	044	99	0	0	9	0	0	72	02
Khairpur	Sukkur	030	2	1	27	03	96	03	0	028	00	0	0	9	0	3	67	00
Khairpur	Kashmore	000	0	0	18	03	99	00	0	007	97	0	0	9	0	0	81	××
Khairpur	Jacobabad	000	0	0	13	07	97	03	0	035	99	0	0	9	0	1	71	01
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	1	062	87	0	0	9	0	0	87	89
Arabia	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
Kashmir	Gulmarg **																	
Kashmir	Sonamarg **																	
Kashmir	Dras **																	
Kashmir	Leh **																	
Kashmir	Skardu *																	
Kashmir	Misgar **	000	0	4	00	00	98	01	0	980	63	0	0	9	0	0	21	71
Rawalpindi	Aliabad *																	
Rawalpindi	Gilgit *																	
Rawalpindi	Murree *	000	4	2	27	03	98	01	1	464	69	2	1	4	0	0	58	70
Peshawar	Drosh *	000	0	3	00	00	96	01	1	446	85	3	2	7	0	0	41	92
Peshawar	Cherat *	000	4	6	18	02	97	03	1	459	81	6	3	6	0	0	61	85
Peshawar	Kakul *	000	8	1	18	03	99	01	1	469	81	1	2	7	0	0	63	93
Peshawar	Landi Kotal *	000	3	3	00	00	97	01	9	452	85	3	0	9	5	0	53	90
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	794	58	0	0	9	0	0	46	××
D.I. Khan	Miranshah *	000	0	0	05	02	99	00	0	506	88	0	0	9	0	0	85	91
D.I. Khan	Wana *	000	0	0	07	02	99	00	0	457	85	0	0	9	0	0	41	89
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	458	90	0	0	9	0	0	37	92
Quetta	Hindubagh *	000	0	0	27	05	98	00	0	456	84	0	0	9	0	0	45	87
Quetta	Loralai *	000	0	3	23	02	98	02	1	457	84	0	0	9	4	0	45	87
Quetta	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
Quetta	Quetta *	000	0	1	29	02	98	01	0	456	83	0	7	8	0	0	66	84
Kalat	Chaman *	000	0	0	27	03	98	00	0	493	88	0	0	9	0	0	58	89
Kalat	Kalat *	000	0	0	31	11	98	00	0	465	78	0	0	9	0	0	20	82
Kalat	Nushki *	000	0	0	36	09	96	00	0	526	94	0	0	9	0	0	21	95
Kalat	Dalbandin *	000	0	0	23	02	96	02	0	486	94	0	0	9	0	0	46	95
Kalat	Panjgur *	000	0	0	31	03	98	00	0	486	90	0	0	9	0	0	11	91
Afghanistan	Kabul *	000	0	2	18	00	99	03	0	498	80	2	1	9	0	0	47	86
Afghanistan	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS	STATION	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature °F	Departure from Normal of Maximum Temperature	Departure from Normal of Minimum Temperature	Rainfall Since 1st June 1957 to date	Rainfall Departure from normal	Rainfall Since 1st January 1957 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	4	18	02	96	01	0	089	86	2	1	7	0	6	77	78	+ 3	+ 2	99.6	+ 0.9	110.5	140
Chittagong	Chittagong	042	7	5	07	02	97	02	6	085	86	3	4	6	2	0	79	76	+ 1	0	63.9	- 4.7	71.3	108
Chittagong	Maijdee Court																	73	×					115
Chittagong	Comilla	133	3	8	00	00	97	60	6	082	78	8	9	4	×	×	77	73	- 10	- 4	40.8	- 13.9	52.6	94
Chittagong	Brahmanbaria	003	0	7	18	02	97	03	2	081	82	7	4	3	0	0	78	75	—	—	36.4	- 4.6	54.1	78
Chittagong	Sylhet	049	7	8	36	02	95	51	6	081	77	7	7	4	2	×	71	76	—	—	63.8	—	114.4	
Chittagong	Srimangal	018	3	8	23	02	97	02	6	084	80	8	4	6	6	6	75	74	- 7	- 1	56.3	+ 6.3	83.0	98
Dacca	Mymensingh	107	0	8	13	02	98	02	2	084	80	8	4	6	×	×	77	77	- 2	- 1	45.7	- 6.0	59.8	91
Dacca	Narayanganj	147	1	8	20	02	94	03	6	083	80	8	7	4	×	×	77	80	- 9	+ 1	42.3	+ 1.3	58.4	74
Dacca	Dacca (Tezgaon)	103	4	8	23	03	97	21	6	075	80	3	8	3	7	×	79	76	—	—	43.7	—	58.7	
Dacca	Faridpur	004	9	8	25	02	96	03	0	069	83	8	5	7	0	0	79	80	- 2	+ 1	36.8	- 3.2	48.9	71
Dacca	Barisal	145	4	6	00	00	95	03	6	079	85	6	7	9	0	0	76	76	0	- 2	38.1	- 10.6	55.2	81
Rajshahi	Khulna	000	0	8	00	00	97	01	2	078	79	8	5	6	×	×	78	78	+ 2	- 1	36.8	- 5.8	53.8	68
Rajshahi	Satkhira	000	0	8	00	00	97	03	2	075	85	×	×	7	×	×	81	80	+ 3	+ 2	26.7	- 12.7	47.5	65
Rajshahi	Jessore	000	0	5	18	05	97	03	2	076	83	4	8	6	6	0	79	78	—	—	35.7	- 1.7	39.0	65
Rajshahi	Sirajganj	115	9	8	00	00	96	02	6	077	83	8	7	6	0	0	79	78	+ 2	0	51.9	+ 14.3	62.8	64
Rajshahi	Bogra	095	0	7	23	02	97	01	1	072	83	5	4	6	0	0	79	78	- 6	0	52.4	+ 12.1	59.8	69
Rajshahi	Dinajpur	000	2	7	00	00	96	02	2	073	85	0	0	9	2	0	78	75	+ 1	- 3	39.3	- 6.5	42.7	72
Rajshahi	Rangpur	005	0	7	09	02	96	01	2	×××	83	7	5	6	0	0	79	79	- 1	+ 1	39.3	- 11.7	42.7	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	1	13	02	96	01	0	073	79	1	0	9	3	0	73	74	- 3	- 1	16.3	+ 3.2	25.0	19
Lahore	Sialkot	000	9	8	00	00	97	02	1	073	80	8	5	6	×	×	72	75	+ 1	- 1	21.7	+ 0.7	44.9	32
Rawalpindi	Jhelum	000	8	8	13	03	97	03	1	073	79	8	6	3	×	×	74	75	—	—	16.6	—	27.4	
Rawalpindi	Rawalpindi	000	0	4	00	00	98	02	1	053	82	4	2	6	3	0	64	72	+ 2	+ 1	13.7	- 7.2	29.6	36
Rawalpindi	Khushab	000	0	1	07	05	98	01	0	064	83	1	1	6	0	0	76	78	0	- 1	8.2	- 1.0	17.0	18
Multan	Lyallpur	000	0	0	16	02	96	00	0	048	82	0	0	9	0	0	72	75	0	- 1	10.1	+ 1.9	16.2	13
Multan	Montgomery	000	0	0	13	02	98	00	0	059	81	0	0	9	0	0	72	76	+ 3	- 3	6.4	0	10.2	10
Multan	Multan	000	0	0	23	02	96	00	0	037	84	0	0	9	0	0	71	77	+ 4	- 3	0.7	- 3.7	4.1	7
Bahawalpur	Leiah																							8
Bahawalpur	Khanpur	000	0	0	21	05	96	00	0	072	83	0	0	9	0	0	74	79	- 8	+ 1	0.2	- 4.4	1.2	6
Bahawalpur	Bahawalpur	000	0	0	20	02	97	00	0	060	87	0	0	9	0	0	75	80	- 1	+ 3	1.3	- 2.8	2.5	6
Bahawalpur	Fort Abbas	000	0	0	23	03	97	00	0	062	93	0	0	9	0	0	70	80	—	—	2.6	—	5.5	9
Peshawar	Chakdara	000	0	6	××	××	99	03	1	053	71	6	6	8	0	0	61	54	—	—	2.7	—	17.5	14
Peshawar	Peshawar	000	9	2	36	05	97	02	9	050	79	2	0	9	3	0	67	73	+ 1	—	1.8	—	12.9	
Peshawar	Haripur	040	9	8	23	02	96	21	6	061	72	8	3	6	×	×	67	71	—	—	6.1	—	20.2	
Peshawar	Campbellpur	021	9	3	13	02	98	03	8	063	82	3	0	8	5	0	67	76	—	—	5.0	—	20.4	
D.I. Khan	Bannu	000	0	0	09	02	99	00	0	043	84	0	0	9	0	0	68	76	—	—	2.3	—	9.4	11
D.I. Khan	D.I. Khan	000	0	0	05	02	98	00	0	038	82	0	0	9	0	0	73	76	- 3	- 2	2.3	- 2.8	7.8	19
Quetta	Sibi	000	0	0	00	00	99	00	0	062	85	0	0	9	0	0	72	85	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	34	05	99	02	0	076	78	0	0	9	0	0	69	69	—	—	0	—	1.9	2
Kalat	Turbat	000	0	0	23	01	98	00	0	079	××	0	0	9	0	0	××	81	—	—	2.5	—	5.9	
Kalat	Jiwani	009	0	5	23	07	96	03	0	088	77	5	6	4	0	0	73	71	—	—	0	—	3.1	4
Kalat	Pasni	000	0	2	27	00	94	41	0	109	73	2	5	7	0	0	71	70	- 3	- 2	0	- 0.9	6.2	6
Kalat	Ormara	000	0	6	××	09	96	02	1	106	77	6	0	8	4	0	76	75	—	—	0	- 0.8	3.8	6
Kalat	Las Bela	000	0	0	00	02	99	00	0	073	80	0	0	9	0	0	78	72	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	25	05	97	03	1	089	80	2	6	4	5	0	77	78	+ 1	0	0.6	- 5.0	1.1	8
Karachi Federal Area & Hyderabad	Karachi (Air port)	000	0	7	27	05	96	03	1	086	79	7	6	5	0	0	73	76	—	—	0.9	—	1.4	9
Karachi Federal Area & Hyderabad	Badin	000	0	0	23	02	96	00	0	017	80	0	0	9	0	0	64	××	+ 6	—	3.6	- 3.0	3.6	
Karachi Federal Area & Hyderabad	Nagarparker	×××	×	0	00	00	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	—	—	—	
Karachi Federal Area & Hyderabad	Umarkot	000	0	0	23	01	97	00	0	064	79	0	0	9	0	0	72	74	—	—	4.7	—	4.7	7
Karachi Federal Area & Hyderabad	Hyderabad	000	0	0	20	05	97	02	0	072	79	0	0	9	0	0	70	76	- 1	- 1	0.9	- 4.6	2.8	
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	060	79	0	0	9	0	0	70	74	—	—	0.1	—	1.4	
Khairpur	Nawabshah																		—					
Khairpur	Sukkur	000	9	0	23	02	96	00	0	056	78	0	0	9	0	0	73	77	—	—	0.1	—	2.9	4
Khairpur	Kashmore	000	0	0	31	01	99	00	0	078	81	0	0	9	0	0	71	××	—	—	—	—	—	
Khairpur	Jacobabad	000	0	0	13	07	96	02	0	061	81	0	0	9	0	0	73	78	- 2	- 1	0	- 2.1	3.5	20
Junagarh	Veraval																							
Afghanistan	Jalalabad																							
Arabia	Muscat	000	0	●	09	02	99	00	0	078	84	0	0	9	0	0	78	83	- 1	0	0	- 0.1	6.9	
Arabia	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							28
Kashmir	Gulmarg **																							71
Kashmir	Sonamarg **																							28
Kashmir	Dras **																							5
Kashmir	Leh **																							6
Kashmir	Skardu *																							
Kashmir	Misgar **																		—					
Rawalpindi	Aliabad *																							5
Rawalpindi	Gilgit *																							39
Rawalpindi	Murree *	005	8	8	25	03	97	17	6	483	61	8	9	3	×	×	58	55	+ 1	0	22.4	- 9.3	56.3	18
Peshawar	Drosh *	000	0	0	00	00	96	01	0	485	69	0	0	9	0	0	48	65	+ 1	- 2	1.9	—	24.0	29
Peshawar	Cherat *	000	0	0	18	02	97	00	0	476	70	0	0	9	0	0	56	68	0	+ 1	3.9	- 6.9	24.6	
Peshawar	Kakul *	002	9	7	31	03	97	95	1	485	74	6	8	7	7	0	59	63	—	—	12.6	—	40.2	
Peshawar	Landi Kotal *	000	9	1	02	02	98	03	0	468	77	1	0	9	5	0	61	67	—	—	0.9	—	15.1	29
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	794	71	0	0	9	0	0	49	××	—	—	6.7	—	25.8	13
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	510	87	0	0	9	0	0	73	70	—	—	3.1	- 0.7	15.4	11
D.I. Khan	Wana *	000	0	0	00	00	99	00	0	457	66	0	0	9	0	0	48	69	—	—	1.4	—	13.5	
Quetta	Fort Sandeman *	000	0	0	05	02	97	00	0	516	71	0	0	9	0	0	56	62	- 4	- 6	2.4	- 2.4	12.9	
Quetta	Hindubagh *	000	0	0	27	02	98	00	0	497	65	0	0	9	0	0	41	60	—	—	0	—	12.3	14
Quetta	Loralai *	000	0	0	27	02	98	00	0	479	61	0	0	9	0	0	30	55	—	—	1.9	—	10.7	9
Quetta	Harnai *	000	0	9	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	- 4.8	14.3	8
Quetta	Quetta *	000	0	0	00	00	96	00	0	485	59	0	0	9	0	0	42	46	—	—	0	- 1.0	9.5	7
Kalat	Chaman *	000	0	0	00	09	97	00	0	501	82	0		9	0	0	54	61	- 5	- 5	0	- 0.1	10.2	
Kalat	Kalat *	000	0	0	16	02	98	00	0	511	63	0	0	9	0	0	21	46	- 4	- 5	0	- 1.1	8.4	4
Kalat	Nushki *	000	0	0	36	05	97	00	0	525	72	0	0	9	0	0	38	79	—	—	0	—	8.0	5
Kalat	Dalbandin *	000	9	0	13	03	96	02	0	473	62	0	0	9	0	0	31	55	- 8	- 8	0	- 0.3	4.4	12
Kalat	Panjgur *	000	0	0	05	03	98	00	0	482	64	0	0	9	0	0	78	56	- 8	- 11	0	—	4.3	
Afghanistan	Kabul *	003	0	0	14	00	99	00	0	539	63	0	0	9	0	0	42	52	—	—	—	—	—	
Afghanistan	Kandahar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day.

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 6th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kaderbaksh	53 023	679 12	6 20 09	98 02 2	101 85	33 5 60	3 3 xxx	..	0 52 80	1 28 24
Meerkur	53 239	681 18	1 23 19	98 02 1	087 82	1/ 5 00	4 5 123	..	0 01 72	1 23 34

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra Chittagong Dacca Jiwani Karachi Lahore Multan Peshawar Quetta	00 00	006 248 232	073 242 235	..	500 208 298	..	151 082 065	412 025 555	870 515 742	656 602 882	983 702	271 870	465 980	723 175

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra Chittagong Dacca Jiwani Karachi Lahore Multan Peshawar Quetta	00 00	900 208 208	882 202 202	812 212 122	800 195 195	435 552 482	420 585 868	350 660 999	267 798 999	250 795 999	090 185 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd ; Dry Bulb ; Dew Point temperatures (in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	17 06	15 11	15 09	16 12	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..
Chhor	22 13	23 13	22 13	20 07	28 03	13 05	13 13	27 06	27 06
Chittagong	35 13	25 11	24 11	23 17	23 19	..	..	..	..
Cox's Bazar	24 08	24 07	25 06	24 04	22 05	19 50	05 02	02 05	..
Dacca	22 06	23 07	23 03	30 05	32 06	01 06	01 15	36 18	..
Dalbandin	..	..	25 03	27 02	15 01	11 05	32 03	27 09	24 32
D. I. Khan	..	..	..	..	..	..	..	..	..
Drosh	..	..	..	22 10	23 12	20 08	20 20	..	..
Fort Sandeman	..	..	..	19 05	20 07	23 08	27 09	26 07	24 39
Jacobabad	16 09	19 05	22 06	23 05	19 02	20 05	23 09	23 19	23 27
Jessore	..	..	..	..	..	..	..	..	..
Jhelum	19 03	21 05	22 05	30 04	32 10	32 10	30 13	20 23	23 46
Jiwani	19 10	18 06	21 04	27 05	31 06	35 07	..	..	..
Karachi	26 16	28 15	28 12	28 06	28 04	05 10	13 06	23 14	..
Khanpur	26 08	26 10	26 10	26 07	26 06	22 10	06 02	22 23	24 29
Lahore	29 07	31 06	35 04	34 08	31 11	34 14	31 13	19 22	24 31
Multan	22 07	18 09	17 07	22 06	25 08	30 07	26 10	24 28	23 32
Muscat	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..
Peshawar	..	..	..	..	30 05	20 04	21 04	24 22	..
Quetta	..	..	..	..	..	..	..	..	..
Sharjah	..	..	..	..	..	..	..	..	..
Sylhet	18 03	10 33	15 04	17 09	18 09	..	..	..	..
Veraval	..	..	..	..	..	..	..	..	..

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	19 12	20 08	..	..	..	..
Chaklala	..	..	..	..	..	..
Chhor	24 19	24 23	21 22	29 01	17 16	09 10
Chittagong	17 09	18 09	21 09	23 07	25 04	27 04
Cox's Bazar	19 04	21 04	23 04	26 05	25 07	16 06
Dacca	24 06	25 12	26 07	26 06	30 00	26 06
Dalbandin	..	..	19 03	08 08	09 05	25 06
D. I. Khan	..	..	..	..	..	..
Drosh	..	..	..	23 02	22 01	19 02
Fort Sandeman	..	..	..	20 02	33 05	31 20
Jacobabad	19 15	20 21	19 14	19 06	21 02	..
Jessore	..	..	..	..	..	..
Jhelum	13 03	21 04	27 02	31 07	31 09	32 07
Jiwani	21 05	28 08	27 10	30 06	35 04	..
Karachi	26 14	26 14	29 12	33 07	29 05	02 06
Khanpur	24 24	23 39	24 27	26 20	..	..
Lahore	25 04	23 04	01 03	01 09	01 06	34 11
Multan	21 29	23 37	23 31	..	..	..
Muscat	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..
Peshawar	..	31 10	30 07	19 06	22 13	20 05
Quetta	..	..	..	..	35 09	31 40
Sharjah	..	..	..	..	..	..
Sylhet	No	ascent	..	..	..	..
Veraval	..	..	..	..	..	..

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	12 02	27 02	28 03	..	..	..	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..	..	..
Chhor	20 06	20 10	20 06	..	..	..	..	..	..	..	..
Chittagong	19 01	14 02	14 02	34 02	28 03	27 01	22 02	18 06	17 09	07 08	..
Cox's Bazar	22 04	24 04	..	..	..	..	..	..	..	..	..
Dacca	..	..	08 05	10 07	17 06	21 05	34 05	28 07	33 06	25 17	25 35
Dalbandin	..	..	..	..	..	..	..	..	..	..	..
D. I. Khan	..	..	..	..	..	..	..	..	..	..	..
Drosh	..	..	..	..	22 07	22 13	20 19	20 31	09 32	..	..
Fort Sandeman	..	..	..	34 01	32 03	29 07	..	..	..	..	..
Jacobabad	19 07	20 07	20 08	20 05	15 02	04 07	19 04	18 04	22 15	25 42	24 37
Jessore	..	..	..	..	..	..	..	..	..	..	..
Jhelum	14 03	13 04	16 06	17 08	..	..	..	..	..	..	..
Jiwani	20 07	22 05	27 08	..	..	..	..	..	..	..	..
Karachi	25 17	27 15	..	..	..	..	..	..	..	..	..
Khanpur	22 10	23 13	23 12	25 07	21 05	11 08	23 23	25 27	34 22	24 17	..
Lahore	11 06	14 05	18 03	25 04	29 07	33 11	20 13	30 17	25 49	25 57	24 47
Multan	22 09	23 10	23 08	20 08	27 04	23 02	21 10	34 29	24 31	..	..
Muscat	..	..	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..	..	..
Peshawar	..	01 02	27 02	28 04	28 04	24 08	28 14	29 09	29 07	30 19	24 49
Quetta	..	..	..	..	36 02	33 06	18 06	30 09	27 13	25 35	25 30
Sharjah	..	..	..	..	..	..	..	..	..	..	..
Sylhet	No	ascent	..	..	..	..	..	..	..	..	..
Veraval	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong Dacca Karachi Peshawar Quetta	26 15	28 17	30 15	30 11	30 08	05 13	23 12	23 27	24 23	23 17	23 19	22 33	22 18	23 15	20 11			

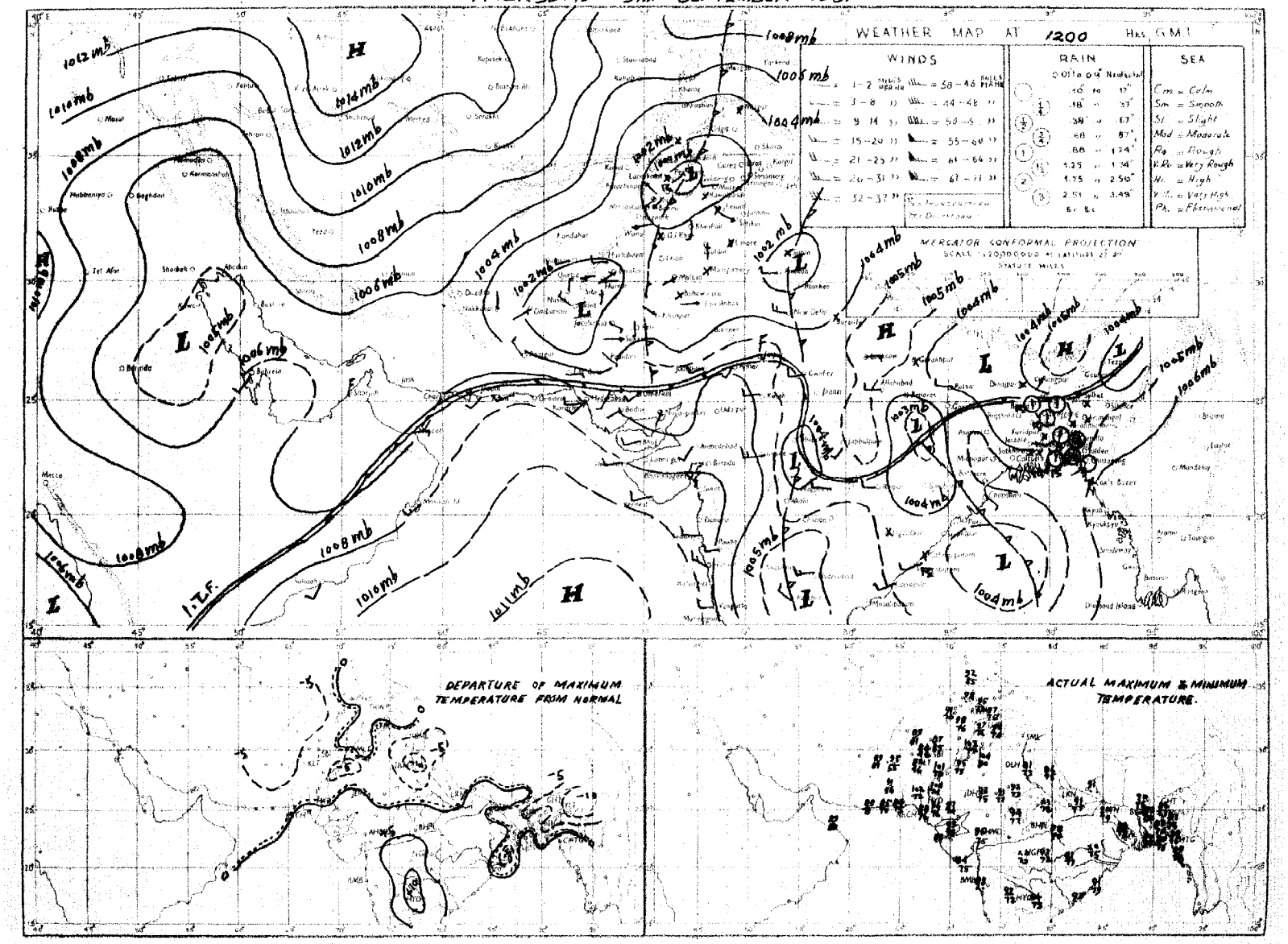
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

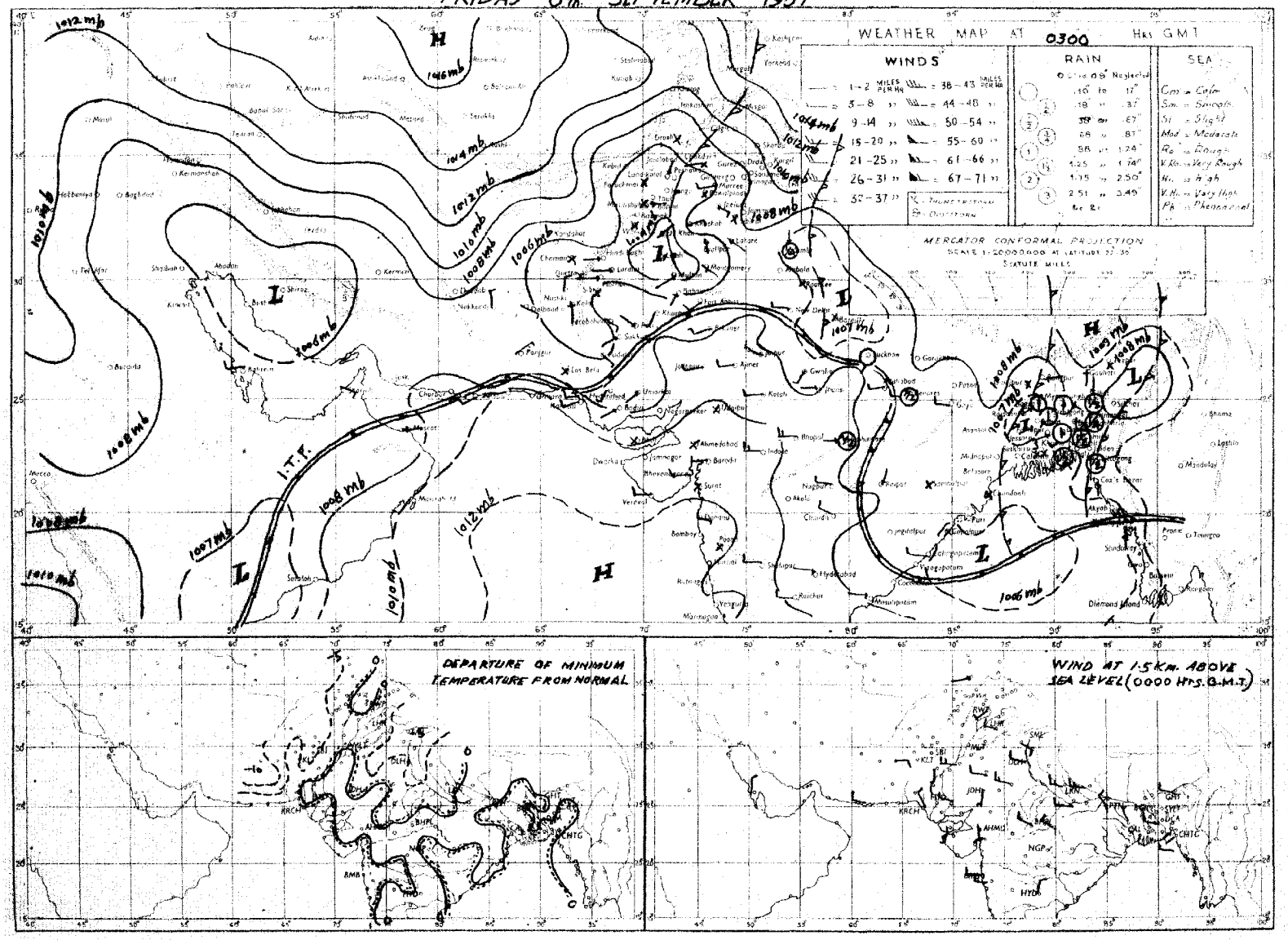
THURSDAY 5th. SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 6th. SEPTEMBER 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SATURDAY, THE 7th SEPTEMBER, 1957.

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

Trough of low over the north and adjoining central Bay of Bengal persists.
Local rain has fallen in East Pakistan.

The low pressure wave over the extreme north of West Pakistan moved away eastwards.
Thunderstorms/showers have been local in Lahore, Rawalpindi and Peshawar divisions.

Chief amounts of rainfall are:—Bogra 2"; Srimangal, Sirajganj, Haripur and Kakul 1½" each; Satkhira 1"; Rawalpindi ¾"; Lahore ½" and Sylhet, Mymensingh, Narayanganj, Dinajpur and Campbellpur ¼" each.

Day temperatures were 3-5°F below normal over West Pakistan outside Peshawar and Hyderabad divisions and the Federal Capital Area.

Forecast valid until the evening of 8th:—Local rain will fall in East Pakistan. Thunderstorms/showers will be scattered in Lahore, Peshawar and Rawalpindi divisions and Kashmir.

Karachi-11,
The 7th September, 1957

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day (columns 3–19)

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	6	25	02	96	01	0	041	85	1	3	8	0	5	75	89
	Chittagong	000	0	6	25	05	96	02	2	030	84	3	3	6	2	0	76	89
	Maijdee Court	000	6	1	00	00	98	02	0	028	85	0	0	9	0	1	76	87
	Comilla	004	8	6	00	00	97	03	6	027	87	4	2	5	6	0	79	88
	Brahmanbaria	014	7	2	00	00	97	01	6	029	82	2	5	5	0	0	78	85
	Sylhet	013	5	4	00	00	96	01	6	029	79	3	5	6	0	8	78	80
	Srimangal	047	8	3	00	00	96	03	9	034	80	2	5	6	0	1	78	85
Dacca	Mymensingh	000	0	8	00	00	97	02	2	032	84	8	7	4	×	×	78	87
	Narayanganj	030	9	7	18	02	96	03	6	030	84	4	4	5	0	8	78	87
	Dacca (Tezgaon)	000	6	7	23	62	97	02	9	027	83	5	3	4	7	0	78	88
	Faridpur	001	8	8	00	00	96	50	2	035	81	8	4	6	×	×	78	90
	Barisal	000	0	7	18	02	95	51	3	029	85	7	0	9	6	0	78	89
Rajshahi	Khulna	000	0	6	00	00	97	01	2	030	82	6	4	7	0	0	78	91
	Satkhira	124	0	8	00	00	96	03	6	031	80	8	2	6	×	×	79	89
	Jessore	000	0	8	18	02	96	03	2	056	85	8	8	5	×	×	79	89
	Sirajganj	045	3	8	00	00	96	01	9	019	80	8	6	5	×	×	79	90
	Bogra	000	6	6	00	00	96	02	1	020	82	6	6	6	0	0	78	89
	Dinajpur	020	1	7	00	00	95	95	2	027	82	7	3	6	0	0	77	92
	Rangpur	010	7	7	13	02	96	01	6	×××	85	6	4	5	1	0	81	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	2	3	13	02	96	01	2	033	91	3	8	6	0	0	77	94
	Sialkot	017	9	8	31	07	97	21	2	061	73	8	5	6	×	×	70	93
Rawalpindi	Jhelum	002	1	8	05	10	97	02	9	050	75	6	4	5	2	×	67	92
	Rawalpindi	073	4	4	00	00	99	01	9	025	77	4	2	6	0	0	73	90
	Khushab																	
Multan	Lyallpur	000	0	7	00	00	96	02	0	010	96	7	2	8	0	0	66	97
	Montgomery	000	0	0	00	00	97	02	1	016	97	0	0	9	0	0	69	98
	Multan	000	0	0	05	03	96	00	0	023	97	0	0	9	0	0	65	02
Bahawalpur	Leiah																	
	Khanpur	000	0	0	27	03	96	00	0	022	00	0	0	9	0	0	74	02
	Bahawalpur	000	0	0	00	00	97	00	0	028	97	0	0	9	0	0	71	00
	Fort Abbas	000	0	0	23	02	97	00	0	016	00	0	0	9	0	0	67	03
Peshawar	Chakdara	000	0	2	××	××	98	01	2	990	84	2	0	8	2	0	64	92
	Peshawar	000	1	6	09	07	97	17	9	000	90	5	3	6	0	1	68	94
	Haripur	149	9	3	13	02	97	01	6	002	82	0	0	9	0	3	63	87
	Campbellpur	033	5	4	09	09	98	03	6	027	84	4	0	8	5	0	66	84
D.I. Khan	Bannu	000	0	0	13	03	99	00	0	992	94	0	0	9	0	0	67	96
	D.I. Khan	000	0	0	00	00	98	00	0	996	99	0	0	9	0	0	72	00
Quetta	Sibi	000	0	0	00	00	98	00	0	002	06	0	0	9	0	0	68	08
Kalat	Nokkundi	000	0	0	31	02	99	02	0	024	96	0	0	9	0	0	36	99
	Turbat	000	0	0	23	02	97	00	0	007	××	0	0	9	0	0	83	××
	Jiwani	000	0	0	20	10	97	02	0	060	82	0	0	9	0	0	75	85
	Pasni	000	0	0	23	17	94	07	0	080	83	0	0	9	0	0	71	85
	Ormara	000	0	0	××	××	98	00	0	073	83	0	0	9	0	0	79	84
	Las Bela	000	0	0	18	04	98	02	0	042	96	0	0	9	0	0	69	02
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	07	98	01	0	058	86	2	6	4	0	0	81	87
	Karachi (Air port)	000	0	6	25	12	96	03	2	055	84	6	5	5	0	0	74	87
	Badin	000	0	0	23	02	97	00	0	053	90	0	0	9	0	0	67	95
	Nagarparkar	×××	×	0	25	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	01	97	00	0	024	94	0	0	9	0	0	69	96
	Hyderabad	000	0	0	20	10	97	02	0	037	92	0	0	9	0	0	68	95
Khairpur	Pad-i-dan	000	0	0	23	05	98	02	0	019	00	0	0	9	0	0	66	01
	Nawabshah																	
	Sukkur	000	0	0	25	02	96	00	0	015	00	0	0	9	0	0	71	00
	Kashmore																	
	Jacobabad	000	0	0	13	07	97	02	1	020	97	0	0	9	0	0	68	00
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	02	99	00	0	049	88	0	0	9	0	0	80	90
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
Rawalpindi	Allabad *																	
	Gilgit *																	
	Murree *	010	8	5	31	03	97	02	9	460	66	2	3	4	5	0	48	68
Peshawar	Drosh *	001	0	5	23	05	96	02	0	428	83	5	2	7	0	0	43	91
	Cherat *	000	7	6	18	05	96	03	1	457	73	6	3	6	0	0	62	81
	Kakul *	130	6	0	16	02	99	02	6	463	77	0	0	9	0	0	55	78
	Landi Kotal *	000	3	6	02	03	97	03	9	438	83	6	0	9	7	0	61	87
D.I. Khan	Parachinar *	000	0	0	36	02	99	00	0	793	58	0	0	9	0	0	46	××
	Miranshah *	000	0	0	00	00	99	00	0	479	88	0	0	9	0	0	××	91
	Wana *	000	0	0	09	02	99	00	0	448	89	0	0	9	0	0	31	91
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	447	90	0	0	9	0	0	49	93
	Hindubagh *	000	0	0	27	02	98	00	0	448	83	0	0	9	0	0	46	86
	Loralai *	000	0	4	13	02	98	02	1	436	85	4	0	9	3	0	43	88
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	27	12	94	07	0	466	83	1	1	7	0	0	58	86
	Chaman *	000	0	0	20	03	97	00	0	516	89	0	0	9	0	0	61	89
Kalat	Kalat *	000	0	0	34	07	98	00	0	446	77	0	0	9	0	0	19	83
	Nushki *	000	0	0	27	09	96	00	0	515	93	0	0	9	0	0	23	95
	Dalbandin *	000	0	0	13	03	96	02	0	476	94	0	0	9	0	0	29	96
	Panjgur *	000	0	0	31	03	98	00	0	478	90	0	0	9	0	0	34	93
Afghanistan	Kabul *	000	0	3	36	02	99	03	0	498	81	3	3	7	0	0	49	84
	Kandahar *																	

At 0300 Hrs. G.M.T. of date (columns 20–36)

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	000	0	4	34	02	96	01	0	074	87	1	1	8	0	4	81	79
Chittagong	000	0	5	07	02	97	02	1	073	84	3	4	6	2	2	78	79
Maijdee Court	000	6	4	00	00	96	03	1	072	87	2	1	6	2	0	77	75
Comilla	015	3	8	13	02	97	60	6	067	85	8	4	4	×	×	79	78
Brahmanbaria	014	1	7	05	02	97	03	9	077	79	7	5	5	0	0	76	77
Sylhet	037	2	8	00	00	95	61	6	078	75	7	7	4	2	×	75	75
Srimangal	128	3	8	00	00	94	95	9	081	77	8	5	5	×	×	75	76
Mymensingh	032	5	8	00	00	98	02	6	078	78	8	4	5	×	×	75	75
Narayanganj	030	9	7	00	00	95	03	6	071	85	1	1	6	3	8	75	79
Dacca (Tezgaon)	002	3	7	03	02	98	02	6	067	82	4	8	5	2	0	76	78
Faridpur	001	9	7	00	00	96	03	0	063	84	3	5	7	1	0	77	77
Barisal	000	4	8	27	02	95	03	4	068	87	7	0	9	6	4	79	79
Khulna	000	0	6	00	00	97	01	0	067	86	6	4	7	0	0	79	79
Satkhira	124	0	2	00	00	99	01	6	065	87	2	6	7	0	0	79	77
Jessore	000	0	5	18	05	97	02	2	072	85	4	8	6	0	3	81	78
Sirajganj	132	9	8	00	00	96	02	6	000	82	8	2	5	×	×	78	74
Bogra	195	9	6	09	02	97	02	9	065	79	6	7	6	0	0	78	73
Dinajpur	030	2	7	00	00	96	02	6	063	82	4	4	7	2	0	78	72
Rangpur																	
Jammu																	
Lahore (Jail Rd.)	044	9	0	00	00	96	02	9	047	82	0	0	9	0	0	72	72
Sialkot	017	6	0	05	02	97	00	0	046	78	0	0	9	0	0	74	71
Jhelum	004	9	1	00	00	97	01	5	054	78	1	0	9	3	0	69	70
Rawalpindi	073	0	2	00	00	98	01	0	051	74	2	0	9	2	0	69	67
Khushab	000	0	0	07	02	98	00	0	048	82	0	0	9	0	0	63	73
Lyallpur	000	0	0	07	02	96	00	0	057	83	0	0	9	0	0	71	74
Montgomery	000	0	0	23	02	98	00	0	047	80	0	0	9	0	0	71	75
Multan	000	0	0	23	03	96	00	0	047	82	0	0	9	0	0	70	75
Leiah																	
Khanpur	000	0	0	25	04	96	00	0	052	83	0	0	9	0	0	74	78
Bahawalpur	000	0	0	00	00	97	00	0	049	81	0	0	9	0	0	73	78
Fort Abbas	000	0	0	23	07	97	00	0	059	86	0	0	9	0	0	62	79
Chakdara	000	0	0	××	××	97	00	0	031	73	0	0	9	0	0	60	54
Peshawar	000	9	0	13	03	97	02	9	043	78	0	0	9	0	0	57	71
Haripur	149	0	1	27	02	97	02	6	075	78	0	0	9	0	3	74	69
Campbellpur	033	0	2	13	02	98	01	0	053	81	2	0	8	5	0	66	70
Bannu	000	0	0	36	02	99	00	0	049	79	0	0	9	0	0	66	73
D.I. Khan	000	0	0	00	00	98	00	0	045	81	0	0	9	0	0	68	76
Sibi	000	0	0	00	00	99	00	0	052	83	0	0	9	0	0	71	83
Nokkundi	000	0	0	34	05	99	02	0	073	77	0	0	9	0	0	29	70
Turbat	000	0	0	23	02	98	00	0	061	91	0	0	9	0	0	××	82
Jiwani	000	0	4	23	07	96	03	0	073	78	4	6	4	0	0	75	74
Pasni	000	0	1	29	03	96	02	0	080	74	1	5	7	0	0	71	70
Ormara	000	0	0	××	××	97	02	0	083	77	0	0	9	0	0	77	76
Las Bela	000	0	0	00	00	98	00	0	005	82	0	0	9	0	0	72	72
Karachi (Manora)	000	0	7	25	05	97	03	2	068	79	7	0	9	7	0	76	78
Karachi (Air port)	000	0	7	27	05	96	03	1	073	79	7	6	5	0	0	74	77
Badin	000	0	0	23	02	97	00	0	065	78	0	0	9	0	0	××	—
Nagarparkar	×××	×	0	16	02	98	00	0	×××	××	0	0	9	0	0	××	××
Umarkot	000	0	0	23	01	97	00	0	059	79	0	0	9	0	0	71	74
Hyderabad	000	0	0	20	12	96	02	0	053	80	0	0	9	0	0	70	77
Pad-i-dan	000	0	0	13	05	98	02	0	043	79	0	0	9	0	0	70	74
Nawabshah																	
Sukkur	000	0	0	13	03	96	00	0	048	77	0	0	9	0	0	71	75
Kashmore	000	0	0	18	02	99	00	0	056	80	0	0	9	0	0	71	75
Jacobabad	000	0	0	09	02	97	02	0	050	81	0	0	9	0	0	74	77
Veraval																	
Jalalabad																	
Muscat	000	0	0	00	00	99	00	0	065	85	0	0	9	0	0	79	82
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *	00?	0	0	00	00	96	00	0	080	45	0	0	9	0	0	37	29
Misgar **																	
Allabad *																	
Gilgit *																	
Murree *	010	4	3	27	03	98	01	9	470	63	3	5	5	0	0	48	55
Drosh *	000	0	1	00	00	96	03	0	474	70	1	2	7	0	0	51	63
Cherat *	000	2	0	18	03	97	02	0	466	70	0	0	9	0	0	54	66
Kakul *	130	9	1	34	02	97	01	1	470	70	1	4	7	0	0	57	59
Landi Kotal *	000	9	0	00	00	98	02	9	463	75	0	0	9	0	0	55	66
Parachinar *	050	0	0	00	00	99	00	0	794	70	0	0	9	0	0	49	××
Miranshah *	000	0	0	00	00	96	00	0	503	74	0	0	9	0	0	71	64
Wana *	000	0	0	00	00	96	00	0	448	69	0	0	9	0	0	55	63
Fort Sandeman *	000	1	0	00	00	95	05	0	476	70	0	0	9	0	0	55	63
Hindubagh *	000	0	0	27	02	98	00	0	484	67	0	0	9	0	0	44	58
Loralai *	000	0	0	23	02	98	00	0	460	61	0	0	9	0	0	25	54
Harnai *	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××
Quetta *	000	0	0	16	02	96	00	0	474	56	0	0	9	0	0	23	43
Chaman *	000	0	0	11	03	97	00	0	486	76	0	0	9	0	0	54	61
Kalat *	000	0	0	16	02	98	00	0	494	58	0	0	9	0	0	23	43
Nushki *	000	0	0	02	07	97	00	0	526	75	0	0	9	0	0	21	46
Dalbandin *	000	0	0	00	00	96	02	0	462	63	0	0	9	0	0	20	59
Panjgur *	000	0	0	36	02	98	00	0	471	62	0	0	9	0	0	27	56
Kabul *	000	0	0	13	02	99	00	0	527	63	0	0	9	0	0	51	53
Kandahar *																	

Departure from Normal of (columns 37–38) and **Rainfall** (columns 39–42)

Station (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	+ 3	+ 3	99.6	+ 0.2	110.5	140
Chittagong	+ 2	+ 3	63.9	- 5.2	71.3	108
Maijdee Court	+ 1	- 3	55.1	- 17.8	65.0	115
Comilla	0	+ 1	40.9	- 14.1	52.8	94
Brahmanbaria	—	—	36.5	- 4.9	52.3	78
Sylhet	—	—	64.2	—	114.7	
Srimangal	- 6	- 1	57.6	+ 7.1	84.3	98
Mymensingh	- 1	- 3	46.0	- 5.2	60.1	91
Narayanganj	- 2	0	6.0	- 35.3	58.2	74
Dacca (Tezgaon)	—	—	43.8	—	58.7	
Faridpur	+ 2	- 2	36.8	6.4	48.9	71
Barisal	+ 1	+ 1	38.1	- 10.9	55.2	81
Khulna	+ 6	+ 1	36.8	- 6.1	53.8	60
Satkhira	0	- 1	27.9	- 12.0	46.7	65
Jessore	—	—	35.7	- 2.0	39.0	65
Sirajganj	+ 2	- 4	53.2	+ 15.2	62.8	88
Bogra	0	- 5	53.8	+ 12.7	64.7	69
Dinajpur	+ 3	- 6	39.6	- 6.6	42.8	72
Rangpur	—	—				84
Jammu						
Lahore (Jail Rd.)	- 3	- 3	16.7	+ 3.5	25.4	19
Sialkot	- 2	- 5	21.9	+ 0.7	45.1	32
Jhelum	—	—	16.7	—	27.5	
Rawalpindi	- 4	- 4	14.4	- 6.6	30.3	36
Khushab		- 6	8.2	- 1.1	17.0	[illegible]
Lyallpur	0	- 3	10.1	+ 1.8	16.2	12
Montgomery	+ 3	- 4	6.4	0	10.2	10
Multan	+ 3	- 5	0.7	- 3.8	4.1	7
Leiah						8
Khanpur	- 1	0	0.2	- 4.5	1.2	6
Bahawalpur	- 1	+ 1	1.3	- 2.8	2.5	6
Fort Abbas	—	—	2.6	—	5.3	8
Chakdara	—	—	2.7	—	17.5	14
Peshawar	- 2	- 3	1.8	- 2.0	12.9	
Haripur	—	—	7.6	—	21.7	
Campbellpur	—	—	5.3	—	20.7	
Bannu	—	—	2.3	—	9.4	11
D.I. Khan	- 1	- 2	2.3	- 2.8	7.8	12
Sibi	—	—	1.1	—	6.2	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	
Jiwani	—	—	0	—	3.1	4
Pasni	- 5	- 2	0	- 0.9	6.2	6
Ormara	—	—	0	- 0.8	3.8	6
Las Bela	—	—	1.5	—	2.6	5
Karachi (Manora)	+ 2	0	0.6	- 5.0	1.1	8
Karachi (Air port)	—	—	0.9	—	1.4	
Badin	+ 1	—	3.6	—	3.6	9
Nagarparkar	—	—	—	—	—	
Umarkot	—	—	4.7	—	4.7	
Hyderabad	- 2	0	0.9	- 4.6	2.8	7
Pad-i-dan	—	—	0.1	—	1.4	
Nawabshah						
Sukkur	—	—	0.1	—	2.9	4
Kashmore		—	—	—	—	
Jacobabad	- 3	- 2	0	- 2.1	3.5	4
Veraval						20
Jalalabad						
Muscat	0	- 1	0	- 0.1	6.9	4
Kuwait						
HILL STATIONS						
Srinagar *						26
Gulmarg **						71
Sonamarg **						28
Dras **						3
Leh **						4
Skardu *		—	—	—	—	
Misgar **						
Allabad *						
Gilgit *						5
Murree *	- 2	0	22.5	- 9.5	56.4	59
Drosh *	+ 1	- 4	1.9	—	24.0	18
Cherat *	- 4	- 1	3.9	- 7.0	24.6	29
Kakul *	—	—	13.9	—	41.1	
Landi Kotal *	—	—	0.9	—	15.1	
Parachinar *	—	—	6.7	—	25.8	29
Miranshah *	—	—	3.1	- 0.7	15.4	13
Wana *	—	—	1.4	—	13.5	
Fort Sandeman *	- 1	- 5	2.4	- 2.4	12.9	11
Hindubagh *	—	—	0	—	12.3	
Loralai *	—	—	1.9	—	10.7	
Harnai *	—	—	2.0	- 4.9	14.3	14
Quetta *	—	—	0	- 1.0	9.5	9
Chaman *	- 4	- 5	0	- 0.1	10.2	8
Kalat *	- 2	- 8	0	- 1.1	8.4	7
Nushki *	—	—	0	—	8.0	
Dalbandin *	- 5	- 4	0	- 0.3	4.8	5
Panjgur *	- 3	- 12	0	—	4.2	5
Kabul *	—	—	—	—	—	12
Kandahar *						

†Given in Code.
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day.
Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 7th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Strathnaver	63 178	683 00	1 24 03	99 02 0	110 79	12 5 00	6 6 300	..	0 52 78	..
Kaderbaksh	63 213	686 00	6 23 05	97 03 2	101 80	32 4 61	9 3 xxx	..	0 53 77	1 27 23
Daressa	63 211	698 06	3 26 05	98 01 0	115 82	23 5 01	7 5 100	..	0 52 80	1 28 20
Safina-e-Arab	65 226	680 12	5 21 09	97 02 2	080 82	44 6 10	3 4 603	8 3 628	0 80 76	1 27 22
Kadirbaksh	63 194	700 12	6 23 03	98 02 2	107 83	53 4 10	3 3 xxx	..	0 52 77	1 23 23
BAY OF BENGAL										
Micoma Ship	63 191	872 00	2 00 00	99 01 0	050 84		..	..	..	..
Havaldar	60 191	901 00	4 18 05	98 02 0	063 84	41 7 00	..	..	..	..
Micoma Ship	63 171	862 12	1 00 00	99 01 0	010 86	..	..	..	..	..
Micoma Ship	63 157	858 18	1 00 00	99 01 0	041 82	..	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	003 262 258	046 258 248	..	440 185 082	..	076 072 538	323 538 622	763 562 662	475 665 748	958 808	234 005	417 108	663 218
Lahore ..														
Multan ..														
Peshawar ..	00 00	Misda												
Quetta ..	00 00	829 135 002	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 145 115	800 145 032	556 525 628	350 725 802	250 905 999	064 155 999	..	..	..	064 155 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	Misda											
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT : TdTdTd : Dry Bulb : Dew Point temperatures (in tenths of °C.
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	20 09	24 08	26 09	27 05		..	..	..	..
Chaklala ..		03 11	09 10	10 13	01 04	34 06			..
Chhor ..	22 13	23 10	21 12	19 04	14 05	10 13	25 06	25 18	23 15
Chittagong ..	27 07	27 06	26 05	19 04	16 03	10 02	30 03	26 09	22 06
Cox's Bazar ..	27 07	27 04	12 01	08 03	10 02	06 01	20 03	14 01	13 04
Dacca ..	20 04	22 09	22 07	24 06	26 04	28 06	28 07	29 08	30 08
Dalbandin ..	..	..	24 01	27 03	27 03	30 05	27 06	33 05	33 06
D.I. Khan ..	..	..	..		..	..	..		
Drosh ..		..	..	23 09	22 18	19 08	29 06	..	..
Fort Sandeman ..				21 08	16 04	23 05	24 12	28 13	28 14
Jacobabad ..	18 08	18 07	17 06	17 04	08 02	35 06	29 05	31 08	25 07
Jessore ..					..		..	..	..
Jhelum ..	03 19	01 24	35 19	34 21	32 23	..			
Jiwani ..	24 08	25 05	25 04	27 11	26 06	33 06	36 11	03 07	25 06
Karachi ..	26 23	28 15	28 19	20 20	..		..		
Khanpur ..	24 12	22 12	22 12	19 11	19 10	35 06	20 07	24 29	24 29
Lahore ..	07 01	13 01	17 04	22 08	25 12	29 11	..	..	..
Multan ..	21 13	21 13	22 11	23 10	24 10	27 05	27 10	27 15	27 17
Muscat ..	..			..	..	..	..	..	
Panjgur ..	..						..	..	
Peshawar ..	..	09 01	10 19	11 11	11 14	12 20		..	
Quetta ..	..	..	..	..	29 06	24 09	32 08	29 11	26 20
Sharjah ..				..			..	..	..
Sylhet ..	17 06	19 04	22 04	23 06	24 04	32 04	..	..	..
Veraval ..								..	

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	No	ascent	..		..	..
Chaklala ..	..	07 14	07 08	09 06	02 04	28 07
Chhor ..	23 21	29 26	21 24	19 17	09 08	02 21
Chittagong ..	36 03	34 03	26 03	36 04	26 03	20 06
Cox's Bazar ..	02 05	36 03	34 03	21 01	..	
Dacca ..	34 08	33 07	29 05	29 03	29 05	23 09
Dalbandin ..	..	..	08 07	07 08	29 04	23 09
D.I. Khan ..	..		..			
Drosh ..	..	..		20 02	31 03	23 07
Fort Sandeman ..	..			09 04	32 10	30 18
Jacobabad ..	18 21	18 13	19 07	08 02	01 09	34 12
Jessore ..	..					..
Jhelum ..	36 04	33 06	27 07	26 13	29 13	31 14
Jiwani ..	22 06	26 10	31 15	32 17	32 12	..
Karachi ..	27 21	27 19	27 14			
Khanpur ..	23 24	23 25	23 17	22 16	22 12	17 06
Lahore ..	18 07	23 09	23 10	29 13	31 15	33 10
Multan ..	23 15	25 21	23 24	23 12	25 10	34 11
Muscat ..	..		..		..	..
Panjgur ..			..	..		..
Peshawar ..	27 03	28 03	11 04	20 06	17 02	
Quetta ..		..	..	..	29 01	26 10
Sharjah ..		..		..	..	..
Sylhet ..	11 10	11 04	11 03	..	..	..
Veraval ..						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	07 04	12 03	..	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..		..	..	..	..	..
Chhor ..			..	..	..	..	..	..	..	..	..
Chittagong ..	06 06	02 03	35 03	36 02							
Cox's Bazar ..	36 06	01 05	04 04	05 03	11 04	14 09	11 03	11 06	12 09	12 13	10 12
Dacca ..	03 03	04 02	30 03	01 01	34 02	35 04					
Dalbandin ..	..	..	09 04	21 03	21 07	22 07	33 05	34 07	28 03	27 31	25 38
D.I. Khan ..	..	..	..	..							..
Drosh ..	..	..	..	..	23 05	21 11	20 13	21 15	20 09	18 07	..
Fort Sandeman ..				27 05	21 07	23 05	..		..	..	
Jacobabad ..	15 02	12 03	10 03	05 06	06 07	15 03	09 03	23 13	25 23	24 31	25 33
Jessore ..				..		..			..		..
Jhelum ..	11 03	15 02	24 01	35 02	25 04	27 03	30 11	34 07	27 09	26 21	25 39
Jiwani ..	22 11	24 07	30 03	27 08	21 07	..	..	..	..	..	..
Karachi ..	27 20	27 18	27 17		..					23 41	25 37
Khanpur ..	22 11	22 10	21 08	17 09	20 03	10 07	24 06	24 25	24 29		
Lahore ..	17 02	24 04	27 05	30 04	25 03	29 07	29 08	26 13	25 26	24 37	24 47
Multan ..	23 05	25 10	25 10	23 31	19 13	23 04	14 05	11 13	11 12		..
Muscat ..	..		..	..	..	..	..		..		..
Panjgur ..	..								..		
Peshawar ..	07 06	06 06	01 02	20 02	32 03	26 05	23 08	28 12	25 43	24 52	24 33
Quetta ..	..	..	..	..	31 04	28 08	20 07	30 04	25 03	26 35	25 39
Sharjah ..							..	..	..	..	..
Sylhet ..	28 01	21 01	24 02	29 04	24 07	22 09	..	..	..	..	
Veraval ..		..	..	..	..	..	..	..		..	

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	26 14	27 17	27 15	31 11	34 14	36 10	06 11	25 17	25 19	24 20	26 21	22 19	24 37	24 24	23 23	25 14	35 19	09 21
Peshawar																		
Quetta																		

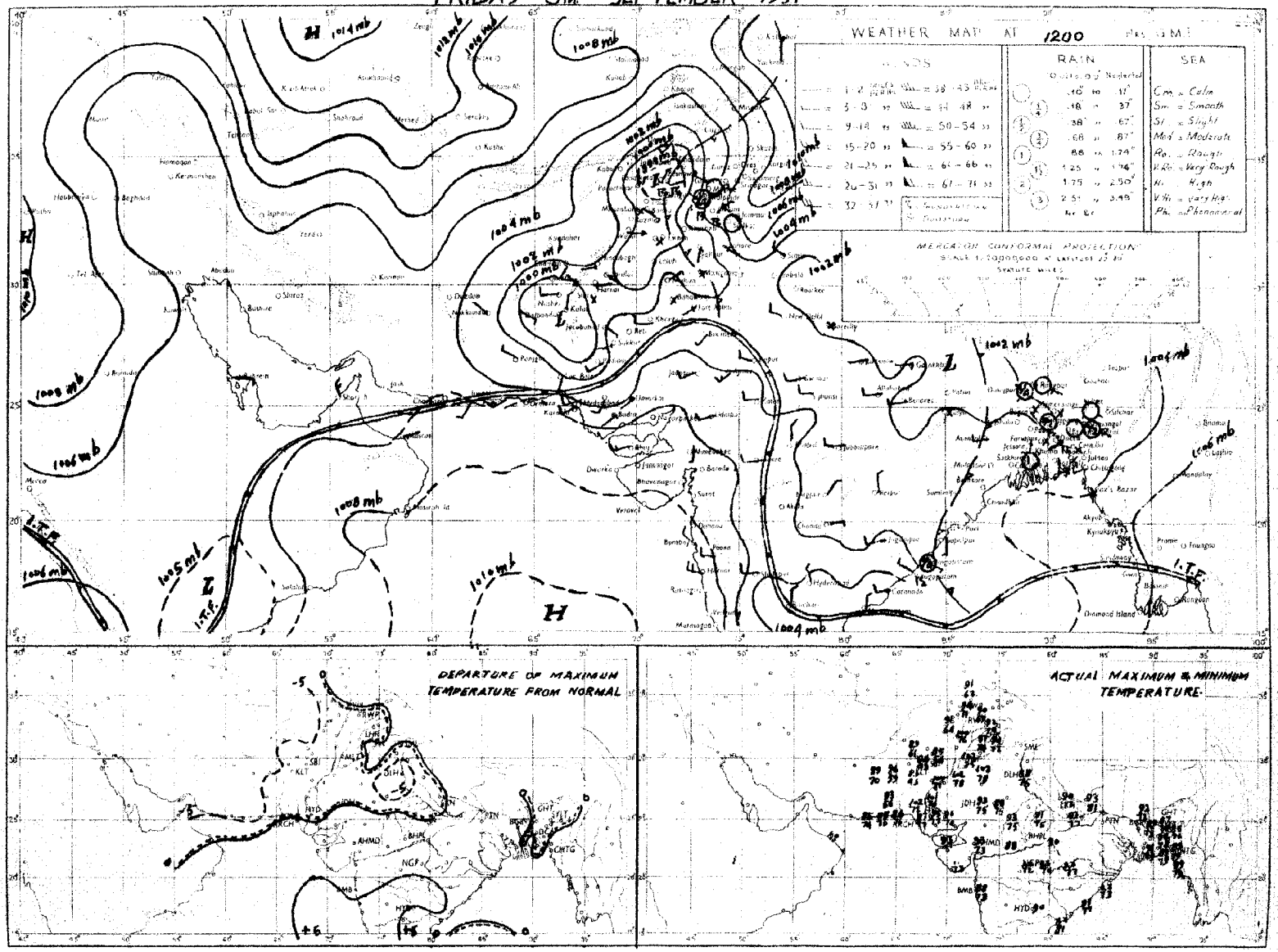
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 i added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

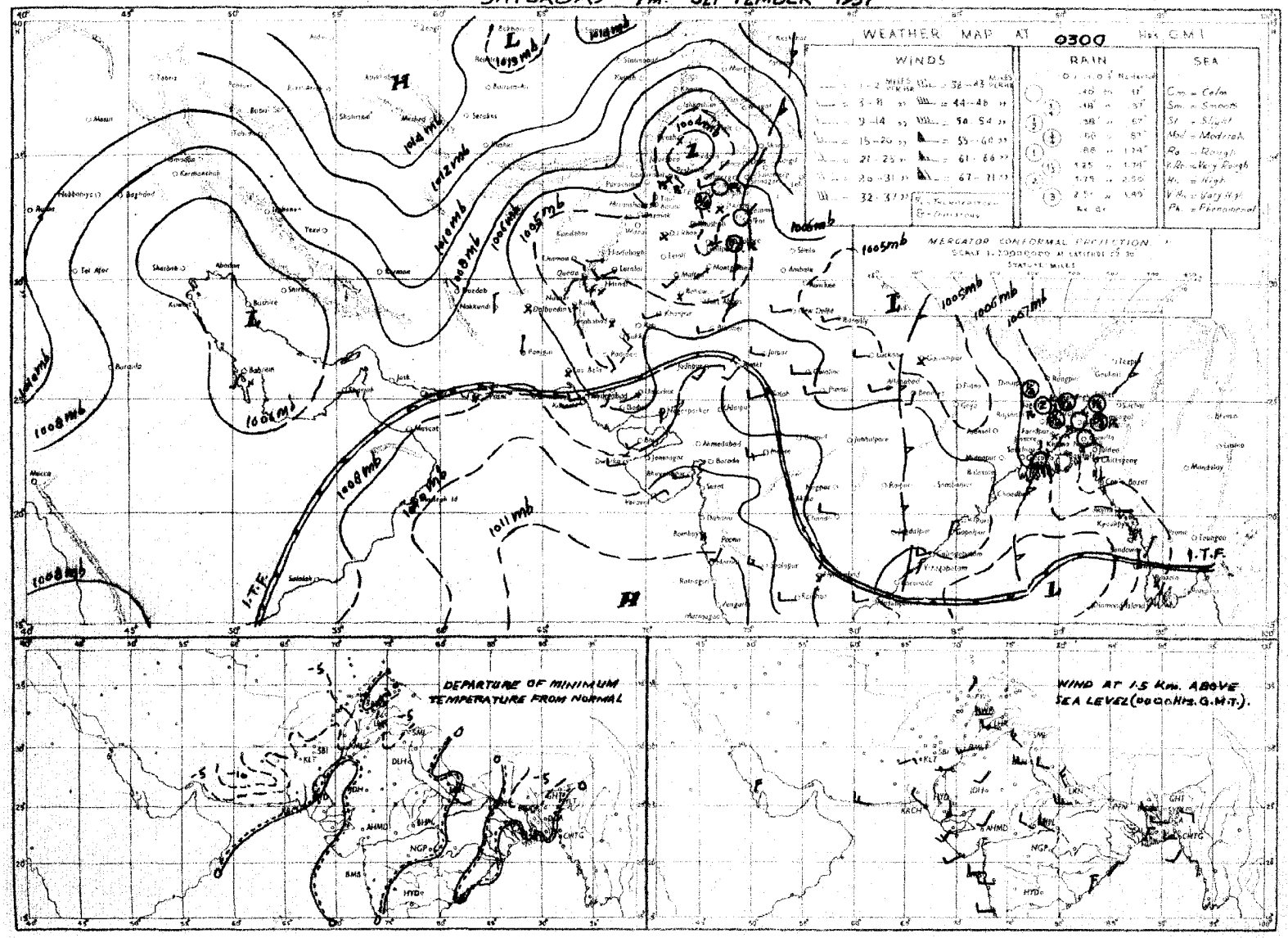
FRIDAY 6th SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 7th. SEPTEMBER 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SUNDAY, THE 8th SEPTEMBER, 1957.

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

Seasonal trough of low lies over central and adjoining north Bay of Bengal.

Rain/thundershowers have been local in Chittagong division. Weather remained dry elsewhere over the country.

Chief amounts of rainfall are:—Cox's Bazar 3"; Chittagong and Comilla 1¼" each and Sylhet ¼".

Day temperatures were 3-5°F below normal in West Pakistan outside Peshawar, Rawalpindi, Lahore and Hyderabad divisions and the Federal Capital Area.

Forecast valid until the evening of 9th:—Rain/thundershowers will be local in Chittagong division and scattered elsewhere in East Pakistan. Weather will be dry in West Pakistan.

Karachi-11.
The 8th September, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

DIVISIONS.	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Pass weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F. (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F. (TdTd)	Minimum temperature °F. (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	6	27	02	96	03	1	040	85	1	3	8	0	9	75	91	312	6	7	07	05	96	02	9	085	81	1	4	8	0	8	80	74	+ 5	- 2	102.7	+ 2.8	117.6	140
	Chittagong	000	0	4	29	05	96	01	1	032	86	2	3	7	2	0	79	91	132	9	3	13	02	97	01	9	082	83	1	1	7	1	0	76	74	+ 4	- 2	65.2	- 4.4	72.6	108
	Maijdee Court	000	9	2	05	02	99	01	1	030	87	0	0	9	1	1	78	87	000	2	8	09	02	97	01	5	065	80	0	0	9	4	×	76	76	+ 1	- 2	55.1	- 16.3	65.0	115
	Comilla	155	9	0	00	00	97	00	0	033	87	0	0	9	0	0	79	90	155	9	6	00	00	97	03	6	091	82	6	4	5	0	0	78	77	+ 2	0	42.5	- 13.0	54.3	94
	Brahmanbaria	000	0	1	00	00	97	01	1	034	84	1	5	5	0	0	78	87	000	0	3	00	00	97	03	2	090	87	1	5	5	0	5	77	78	—	—	36.5	- 5.2	52.3	79
	Sylhet	022	9	2	00	00	97	02	6	032	83	1	2	6	3	1	78	84	022	6	4	00	00	97	03	0	090	85	2	4	6	7	0	78	74	—	—	64.4	—	115.0	—
	Srimangal	011	8	3	00	00	97	01	9	035	83	1	1	5	0	0	78	88	011	0	3	18	03	97	02	0	094	83	1	1	7	3	9	77	74	- 3	- 1	57.7	+ 6.7	84.4	98
Dacca	Mymensingh	000	0	0	00	00	98	00	2	039	85	0	0	9	0	0	79	87	000	0	6	00	00	98	02	1	098	86	0	0	9	0	8	76	76	- 1	- 2	46.0	- 6.4	60.1	91
	Narayanganj	000	9	5	11	02	96	03	1	028	86	1	5	7	0	8	79	89	000	9	7	09	02	96	03	2	095	89	2	4	6	3	8	79	80	0	+ 1	—	—	—	74
	Dacca (Tejgaon)	000	9	5	09	02	98	01	2	027	85	1	5	5	0	1	79	88	000	9	5	11	02	97	02	1	088	87	3	8	6	3	1	78	79	—	—	43.8	—	58.7	—
	Faridpur	000	8	6	00	00	96	01	2	031	87	4	4	7	1	0	79	89	000	9	6	16	02	96	03	0	097	88	4	5	7	0	0	79	78	+ 1	- 1	36.8	- 1.9	48.9	71
	Barisal	000	6	1	00	00	96	01	1	022	86	1	0	8	2	0	××	89	000	8	6	00	00	96	01	2	066	86	6	4	6	0	0	78	81	+ 1	+ 3	38.1	- 11.2	55.2	81
Rajshahi	Khulna	000	0	0	00	00	97	00	1	030	86	0	0	9	0	0	79	90	000	0	8	00	00	97	01	2	089	85	8	4	7	×	×	80	80	+ 2	+ 2	36.8	- 6.3	53.8	60
	Sachkhira	000	0	8	00	00	96	03	2	030	80	×	×	6	×	×	80	94	000	0	3	00	00	98	01	1	088	87	2	3	8	6	0	80	79	+ 5	+ 1	27.9	- 12.0	46.7	65
	Jessore	000	3	8	13	02	96	03	5	028	83	8	8	5	×	×	80	90	000	0	4	18	05	97	02	2	069	85	4	4	6	0	1	81	80	—	—	35.7	- 2.3	59.0	65
	Sirajganj	000	0	1	00	00	96	00	0	025	84	0	0	9	0	1	78	90	000	0	4	00	00	97	00	0	064	87	2	1	6	0	1	79	80	+ 2	+ 2	53.1	+ 14.9	62.8	64
	Bogra	000	0	4	13	07	96	01	1	020	87	0	0	7	3	8	79	89	000	0	6	13	02	97	01	1	081	87	6	4	6	0	0	80	78	0	0	53.8	+ 11.7	64.7	69
	Dinajpur	000	2	6	00	00	96	02	2	037	85	0	0	9	2	0	78	90	000	2	6	00	00	96	02	2	093	86	0	0	9	2	0	79	76	+ 1	- 2	39.6	- 7.0	42.8	72
	Rangpur	002	6	5	05	02	96	01	5	×××	82	5	5	6	0	0	79	88	002	0	5	13	02	96	01	2	×××	84	9	5	6	2	0	78	79	0	+ 1	44.3	- 7.7	52.1	84
Kashmir	Jammu																																								--
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	028	94	0	0	9	0	0	73	96	000	0	0	27	02	96	02	0	066	83	0	0	9	0	0	73	77	- 1	+ 2	16.7	+ 3.4	25.4	18
	Sialkot	000	0	0	31	03	97	00	0	020	93	0	0	9	0	0	73	95	000	0	0	05	02	97	00	0	065	82	0	0	9	0	0	75	76	0	0	21.9	+ 0.5	45.1	22
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	024	93	0	0	9	0	0	73	95	000	0	0	13	02	96	05	0	066	83	0	0	9	0	0	71	74	—	—	16.7	—	27.5	—
	Rawalpindi	000	0	3	00	00	99	01	1	991	88	3	0	9	2	0	70	92	000	0	2	00	00	99	03	0	053	82	2	0	9	3	0	69	71	- 2	0	14.4	- 6.7	30.3	36
	Khushab	000	0	0	11	05	97	00	0	019	93	0	0	9	0	0	67	97	000	0	0	07	02	97	00	0	063	86	0	0	9	0	0	74	79	- 3	- 5	8.2	- 1.3	17.0	15
Multan	Lyallpur	000	0	0	20	02	96	00	0	020	96	0	0	9	0	0	63	99	000	0	0	00	00	96	00	0	065	83	0	0	9	0	0	67	76	+ 2	- 1	10.1	+ 1.7	16.2	12
	Montgomery	000	0	0	00	00	96	00	0	023	95	0	0	9	0	0	71	98	000	0	0	13	02	98	00	0	060	80	0	0	9	0	0	67	75	- 3	- 4	6.4	- 0.1	10.2	10
	Multan	000	0	0	13	02	96	00	0	021	98	0	0	9	0	0	62	99	000	0	0	23	03	96	00	0	083	82	0	0	9	0	0	68	75	0	- 5	0.7	- 3.8	4.1	7
Bahawalpur	Leiah																																								8
	Khanpur	000	0	0	31	03	96	00	0	028	00	0	0	9	0	0	73	01	000	0	0	25	04	96	00	0	069	82	0	0	9	0	0	76	78	- 2	0	0.2	- 4.5	1.2	6
	Bahawalpur	000	0	0	00	00	97	00	0	028	96	0	0	9	0	0	72	00	000	0	0	00	00	96	00	0	077	84	0	0	9	0	0	78	77	- 1	0	1.3	- 2.8	2.5	8
	Fort Abbas	000	0	2	23	02	97	03	0	015	00	2	1	6	0	0	67	04	000	0	0	27	09	97	00	0	074	87	0	0	9	0	0	72	78	—	—	2.6	—	9.5	9
Peshawar	Chakdara	000	0	1	××	××	98	03	1	991	89	1	2	7	0	0	64	93	000	0	0	××	××	97	00	0	059	73	0	0	9	0	0	53	53	—	—	2.7	—	17.5	—
	Peshawar	000	0	3	36	05	96	03	0	016	90	3	3	6	0	0	63	95	000	0	1	31	03	97	03	1	060	81	0	0	9	0	1	61	73	- 1	- 1	1.8	- 2.0	12.9	14
	Kohat	000	3	1	23	02	97	01	3	008	90	1	1	6	0	0	76	94	000	2	1	23	02	97	01	1	056	76	1	0	6	0	2	64	68	—	—	7.8	—	21.7	—
	Campbellpur	000	0	0	09	02	98	00	0	013	93	0	0	9	0	0	65	93	000	0	0	00	00	98	00	0	073	79	0	0	9	0	0	66	74	—	—	5.3	—	20.7	—
D. I. Khan	Bannu	000	0	0	09	01	99	00	0	005	95	0	0	9	0	0	62	95	000	0	0	27	02	99	00	0	048	83	0	0	9	0	0	71	76	—	—	2.3	—	9.4	11
	D.I. Khan	000	0	0	00	00	98	00	0	017	98	0	0	9	0	0	72	99	000	0	0	00	00	98	00	0	047	82	0	0	9	0	0	72	76	—	—	2.3	- 2.8	7.8	19
Quetta	Sibi	000	0	0	18	01	98	00	0	011	04	0	0	9	0	0	74	06	000	0	0	00	00	99	00	0	066	82	0	0	9	0	0	76	82	—	—	1.1	—	6.2	5
	Nokkundi	000	0	0	34	02	97	02	0	017	94	0	0	9	0	0	14	96	000	0	0	13	02	99	02	0	085	76	0	0	9	0	0	20	69	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	97	00	0	049	02	0	0	9	0	0	79	05	000	0	0	23	01	98	00	0	017	71	0	0	9	0	0	××	××	—	—	7.5	—	5.9	—
Kalat	Jiwani	000	0	0	18	09	97	09	0	055	83	0	0	9	0	0	77	86	000	0	2	18	03	97	01	0	080	77	2	6	4	0	0	75	73	—	—	0	—	3.1	4
	Pasni	000	0	0	23	21	94	07	0	063	83	0	0	9	0	0	73	87	000	0	5	31	03	96	00	0	099	75	5	5	7	0	0	71	71	- 3	- 1	0	- 0.9	6.2	4
	Ormara	000	0	0	××	××	98	00	0	066	83	0	0	9	0	0	79	84	000	0	6	××	××	96	02	1	098	78	6	0	6	6	0	76	77	—	—	0	- 0.8	3.8	6
	Las Bela	000	0	0	13	04	98	00	4	039	96	0	0	9	0	0	76	01	000	0	0	00	02	98	00	0	106	81	0	0	9	0	0	79	73	—	—	1.5	—	2.6	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	25	09	97	01	0	046	85	2	6	4	5	0	81	86	000	0	6	27	09	97	02	2	081	79	6	0	9	1	0	75	78	+ 1	0	0.6	- 5.1	1.1	6
	Karachi (Air port)	000	0	7	25	14	96	02	2	054	83	0	5	5	0	0	73	87	000	0	8	25	05	97	02	2	082	80	8	6	5	×	×	73	73	—	—	0.9	—	1.4	—
	Badin	000	0	0	23	02	97	00	0	056	90	0	0	9	0	0	69	90	000	0	0	23	02	96	00	0	066	79	0	0	9	0	0	72	××	- 4	×	3.6	- 3.2	3.6	9
	Nagarparker	×××	×	2	23	02	98	01	1	×××	××	2	2	7	0	0	××	××	×××	×	0	23	02	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	—	—	4.7	—
	Umarkot	000	0	0	23	01	97	00	0	034	94	0	0	9	0	0	69	95	000	0	0	23	01	97	01	0	071	78	0	0	9	0	0	72	73	—	—	0.7	—	2.8	7
	Hyderabad	000	0	0	20	14	95	07	0	034	91	0	0	9	0	0	69	98	000	0	0	20	10	97	02	0	066	80	0	0	9	0	0	71	76	+ 1	- 1	0.9	- 4.6		
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	020	00	0	0	9	0	0	56	01	000	0	0	13	05	98	02	0	063	78	0	0	9	0	0	71	74	—	—	0.1	—	1.4	
	Nawabshah	000	0	0	13	03	97	02	0	030	99	0	0	9	0	0	75	00	000	0	0	18	05	97	02	0	066	79	0	0	9	0	0	71	74	—	—	0.1	—	0.6	
	Sukkur	000	0	0	29	02	96	00	0	020	96	0	0	9	0	0	69	97	000	0	0	23	02	96	00	0	058	80	0	0	9	0	0	73	76	—	—	0.1	—	2.9	4
	Kashmore																																								
	Jacobabad	000	0	1	03	07	97	02	0	024	97	0	0	9	0	1	76	97	000	0	0	13	03	97	02	0	067	81	0	0	9	0	0	75	77	- 6	- 2	0	- 2.1	3.5	
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat	000	0	0	09	02	99	00	0	050	89	0	0	9	0	0	81	90	000	0	0	00	00	99	00	0	073	84	0	0	9	0	0	77	83	0	0	0	- 0.1	6.9	4
	Kuwait																																								
	HILL STATIONS																																								26
Kashmir	Srinagar *																																								
	Gulmarg **																																								71
	Sonamarg **																																								34
	Dras **																																								3
	Leh **																																								5
	Skardu *																																								
	Minagar **																																								
	Allahad *																																								5
	Gilgit *																																								
D.I. Peshawar Rawalpindi	Murree *	000	9	2	31	03	98	01	1	457	67	2	1	4	0	0	49	68	000	9	6	27	03	97	02	1	491	62	6	0	9	5	0	53	56	- 2	+ 1	22.5	- 9.7	56.4	59
	Dirsoh *	000	6	7	18	07	96	03	2	472	77	7	5	6	0	0	31	90	000	0	0	00	00	96	00	0	499	66	0	0	9	0	0	44	60	0	- 7	1.9	—	14.4	18
	Cherat *	000	0	0	18	02	97	00	0	460	83	0	0	9	0	0	57	86	000	0	0	18	02	96	00	0	487	71	0	0	9	0	0	61	67	+ 1	0	3.9	- 7.0	24.6	29
	Kakul *	000	8	1	23	03	99	01	1	467	80	1	1	8	0	0	59	83	000	2	3	00	00	96	03	0	491	71	0	0	9	3	0	58	××	—	—	13.9	—	41.5	—
	Landi Kotal *	000	0	7	02	05	97	03	0	450	83	7	0	9	5	0	53	88	000	0	0	00	00	98	00	0	479	77	0	0	9	0	0	63	65	—	—	0.9	—	15.1	—
D.I. Khan	Parachinar *	000	0	0	36	02	99	00	0	794	58	0	0	9	0	0	46	××	000	0	0	00	00	99	00	0	494	58	0	0	9	0	0	46	××	—	—	6.7	—	25.8	29
	Miranshah *	000	0	0	05	02	99	00	0	491	88	0	0	9	0	0	83	89	000	0	0	00	00	99	00	0	427	79	0	0	9	0	0	76	73	—	—	3.1	- 0.7	15.4	13
	Wana *	000	0	0	11	03	97	00	0	457	83	0	0	9	0	0	45	90	000	0	0	00	00	97	00	0	467	68	0	0	9	0	0	52	62	—	—	1.4	—	13.5	
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	458	91	0	0	9	0	0	44	93	000	0	0	00	00	96	00	0	486	73	0	0	9	0	0	58	60	—	- 8	2.4	- 2.4	12.9	11
	Hindubagh *	000	0	0	27	02	98	00	0	456	83	0	0	9	0	0	46	85	000	0	0	27	02	98	00	0	491	63	0	0	9	0	0	38	58	—	—	0	—	12.3	—
	Loralai *	000	0	0	13	02	98	02	1	438	84	3	0	9	0	0	42	87	000	0	0	27	02	98	00	0	475	63	0	0	9	0	0	32	57	—	—	1.9	- 4.9	10.7	14
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	- 1.0	14.3	14
	Quetta *	000	0	1	33	07	97	02	0	467	84	1	1	7	0	0	52	85	000	0	0	00	00	95	00	0	486	58	0	0	9	0	0	38	42	—	—	0	- 0.1	9.5	9
	Cheman *	000	0	0	20	05	98	00	0	478	87	0	0	9	0	0	63	89	000	0	0	00	00	97	00	0	450	71	0	0	9	0	0	51	62	- 4	- 4	0	- 0.1	10.2	8
	Kalat *	000	0	0	31	07	98	00	0	460	77	0	0	9	0	0	21	81	000	0	0	20	05	98	00	0	506	57	0	0	9	0	0	39	46	- 4	- 5	0	- 1.1	8.4	7
Kalat	Nushki *	000	0	0	36	07	96	00	0	526	94	0	0	9	0	0	39	95	000	0	0	02	09	97	00	0	546	74	0	0	9	0	0	29	68	—	—	0	—	8.0	
	Dalbandin *	000	0	0	23	05	97	02	0	473	95	0	0	9	0	0	38	96	000	0	0	00	00	97	00	0	466	63	0	0	9	0	0	31	56	- 5	- 7	0	- 0.3	4.4	4
	Panjgur *	000	0	0	36	05	98	00	0	477	91	0	0	9	0	0	07	92	000	0	0	05	03	98	00	0	477	63	0	0	9	0	0	20	58	- 4	- 9	0	—	4.2	3
Afghanistan	Kabul *	000	0	2	36	02	99	03	0	487	80	2	1	9	0	0	39	84	000	0	0	32	08	98	00	0	550	59	0	0	9	0	0	49	53	—	—	—	—	—	22
	Kandahar *																																								

†Given in Cents

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given, or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 8th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	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 a PP	8 N_s C h_sh_s	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Al-Husaini	73 230	700 06	5 28 07	97 02 2	120 82	42 2 6x	7 4 319	0 0 072	1 28 20	..
Kaderliak	73 182	708 00	6 23 04	97 03 2	103 80	34 3 00	3 3 xxx	0 5 277	1 27 23	..
Socotra	73 200	604 00	5 71 13	98 02 2	090 75	52 4 00	1 5 706	2 5 169	1 21 48	..
Socotra	73 218	627 12	3 22 16	98 02 0	082 86	11 4 01	1 5 716	..	0 08 75	1 22 43
City of Manchester	73 232	678 18	1 27 09	98 02 0	085 80	11 7 00	7 5 203	..	0 00 74	1 28 21
Dumra	73 249	648 18	5 23 09	98 03 0	070 84	55 4 00	2 4 500	..	0 02 72	1 23 34
Alhusaini	73 216	687 18	3 27 07	98 01 0	097 82	22 3 08	7 4 400	..	0 51 75	1 17 20
Socotra	73 226	740 18	5 23 16	98 02 2	084 78	58 4 00	0 5 204	..	0 00 74	1 23 43

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPP TTT $T_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	008 255 238	094 255 235	..	500 238 115	..	190 125 102	460 028 538	921 512 812	674 610 999	983 758	266 952	434 040	702 215
Lahore ..														
Multan ..														
Peshawar ..														
Quetta ..	00 00	830 122 532	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached: PPP TTT TdTdTd	TROPOPAUSE: Sc. HHHH TT	Sc. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	917 198 999	900 192 128	800 212 022	428 555 999	350 665 999	250 832 999	143 040 999	075 320 999	..	075 320 999	..	..
Lahore ..													
Multan ..													
Peshawar ..													
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C.
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	14 05	17 05	19 03			..	..		..
Chaklala ..	..	20 08	19 05	15 03	23 03	29 08	30 06	28 08	25 22
Chhor ..	23 14	21 14	20 08	22 10	01 04	35 41	28 12	24 23	25 23
Chittagong ..	29 06	34 04	05 05	13 04	15 10	14 10	14 09	14 12	13 07
Cox's Bazar ..	33 04	34 04	14 09	12 09	12 10	10 11	11 06	05 06	08 08
Dacca ..	11 04	33 01	31 04	26 01	28 01	21 03	20 11	22 06	21 07
Dalbandin ..	..	..	31 09	21 09	21 06	31 16	31 09	28 15	29 15
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	08 04	11 03	21 06	..	..	..
Fort Sandeman ..	..	..	..	22 07	24 11	23 16	22 12	26 11	04 12
Jacobabad ..	17 07	15 06	14 07	13 07	13 05	08 06	07 08	10 08	05 07
Jessore ..	..		..		..			..	..
Jhelum ..	23 01	17 03	19 06	24 05	26 07	28 06	34 12	34 05	08 04
Jiwani ..	22 07	21 03	26 03	30 03	01 06	36 10	26 13	26 17	25 19
Karachi ..	25 26	26 12	27 09	..			..		..
Khanpur ..	22 05	18 07	18 07	15 05	06 02	09 10	23 14	24 22	24 29
Lahore ..	35 02	31 04	24 07	24 19	27 12	32 10	31 11	22 05	25 13
Multan ..	21 13	21 16	22 17	23 14	22 07	10 02	13 03	02 02	25 08
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	30 13	27 09	13 05	27 07	27 13
Sharjah ..	..			..					
Sylhet ..	30 04	29 03	25 03	27 03	22 04	22 09	22 08	20 12	18 08
Veraval ..	..								

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ..	07 04	08 04	06 04	02 02	20 03	12 01
Chaklala ..	..	08 08	09 06	29 03	29 06	23 04
Chhor ..	23 17	23 16	22 17	21 21	30 13	35 28
Chittagong ..	05 11	03 03	18 05	17 11	17 10	17 07
Cox's Bazar ..	11 07	10 09	12 10	15 12	14 12	15 12
Dacca ..	07 06	06 04	07 04	12 05	13 02	16 06
Dalbandin ..	..	..	03 04	01 12	02 04	34 16
D. I. Khan ..	..		..			
Drosh ..	..	..		36 01	25 05	21 09
Fort Sandeman ..	..			22 05	32 06	29 15
Jacobabad ..	17 27	17 10	17 07	26 03	23 04	30 02
Jessore ..	..					
Jhelum ..	06 03	13 04	15 04	31 05	28 04	23 05
Jiwani ..	23 08	28 05	31 10	29 11	..	..
Karachi ..	27 14	28 12	31 08			
Khanpur ..	24 38	24 28	23 26	26 09	16 06	16 09
Lahore ..	20 10	25 09	27 10	27 12	27 17	30 09
Multan ..	22 15	22 17	23 19	22 19	21 10	21 21
Muscat ..	..		..	..	..	..
Panjgur ..	..					
Peshawar ..	..	07 08	01 10	20 03	19 05	29 03
Quetta ..	..	..	..		17 04	25 12
Sharjah ..						
Sylhet ..	12 05	12 03	12 03	14 04	15 04	18 06
Veraval ..		..				

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	10 01	11 04	10 04	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..							..	..		..	..
Chittagong ..	36 09	02 06	04 03	14 15	13 14	14 17				..	..
Cox's Bazar ..	09 09	10 11	12 13	13 14	13 11	12 12	12 10	13 10	14 08	..	..
Dacca ..	09 06	09 04	09 02	14 04	13 05	10 04					
Dalbandin ..	..	..	24 01	33 05	34 04	36 06	20 14	33 15	32 15	30 14	25 49
D. I. Khan ..	..	..	..	..			..	..	..	..	..
Drosh ..	..	..	..		25 04	23 13	..				
Fort Sandeman ..				24 10	25 18	24 07	19 12	19 13	21 13	21 13	26 47
Jacobabad ..	20 08	20 08	19 07	19 06	14 06	21 02	04 13	04 12	04 11	03 12	30 15
Jessore ..											
Jhelum ..	12 02	12 04	13 05	02 02	28 04	30 08	21 03	23 11	23 19	23 30	23 45
Jiwani ..	23 06	36 04	36 03	31 07	26 03	01 10	32 03	31 08	..	..	..
Karachi ..	28 11	28 10	29 08								
Khanpur ..	22 12	20 07	20 03	18 01	12 07	08 15	22 04	23 19	24 20		
Lahore ..	26 06	26 13	27 13	28 07	29 03	29 06	33 08	36 07	23 15	23 34	23 40
Multan ..	22 09	21 13	21 13	21 11	19 04	17 08	09 06	24 13	24 19	..	..
Muscat ..	..	..	..	..	..	..	..		..	..	..
Panjgur ..	..	..	..	..		..			..		
Peshawar ..	..	..		..							
Quetta ..	..	..	..	..	24 04	26 10	23 04	29 18	29 19	26 28	25 37
Sharjah ..									..	..	
Sylhet ..	16 03	11 01	12 03	13 05	17 07	16 08	13 07	12 10	..	..	..
Veraval ..		..	..	..	..	..		..	..	..	

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 19	27 15	29 15	30 15	30 14	35 11	02 11	31 17	24 24	26 21	25 17	26 21	25 18	23 19	21 17	14 12	11 15	
Peshawar ..																		
Quetta ..																		

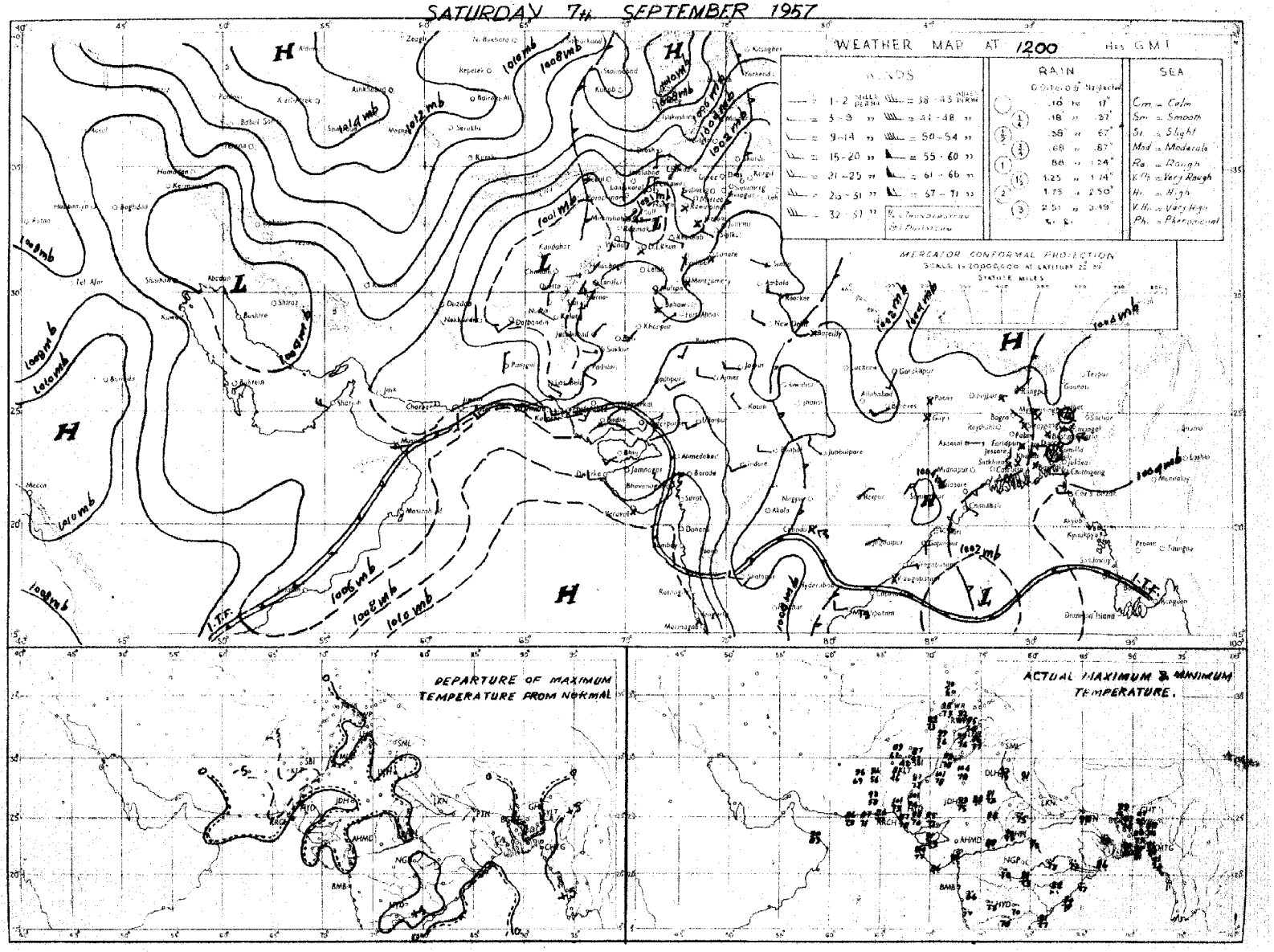
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

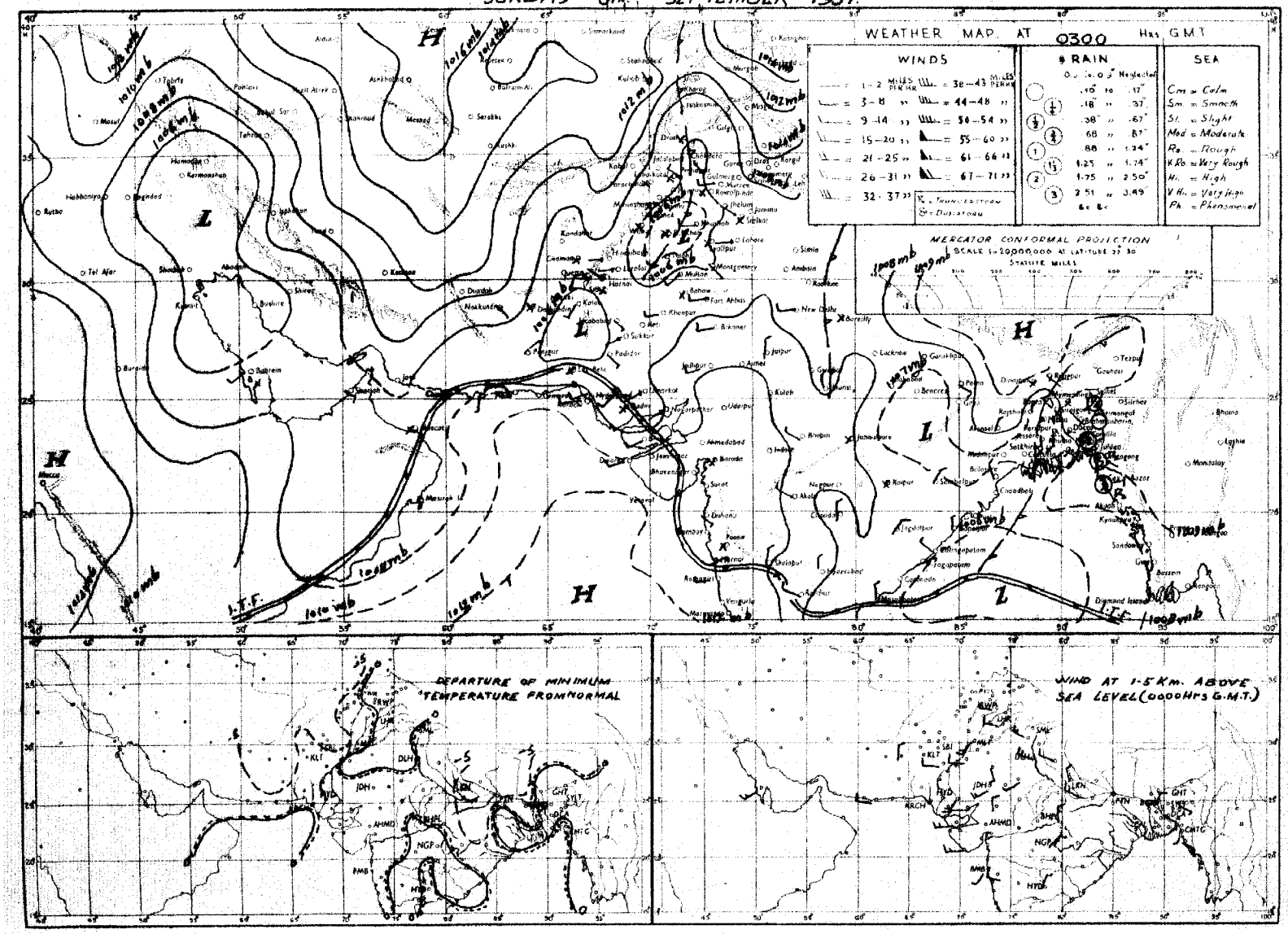
SATURDAY 7th SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 8th. SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

MONDAY, THE 9th SEPTEMBER, 1957.

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

The seasonal trough of low over Central and adjoining north Bay of Bengal is more marked.
Scattered thunderstorm has been reported from Chittagong division.

A low pressure wave is moving across Rawalpindi division and Kashmir.

Fairly widespread thunderstorms with scattered showers have occurred in Rawalpindi division, local thundershowers in Peshawar division and scattered thunderstorm in D. I. Khan division.

Chief amounts of rainfall are:—Murree ¾"; Campbellpur ⅓" and Fort Abbas, Haripur and Kakul ¼" each.

Day temperatures were 3-5°F above normal in East Pakistan and 2-4°F below normal in Rawalpindi, Peshawar, Quetta and Kalat divisions.

Forecast valid until the evening of 10th:—Scattered rain/thundershowers will occur in Peshawar, Rawalpindi, Lahore divisions, Kashmir and East Pakistan.

Karachi-11.
The 9th September, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

Columns 3–19: At 1200 Hrs. G.M.T. of Previous day. Columns 20–36: At 0300 Hrs. G.M.T. of date. Columns 37–38: Departure from Normal of. Columns 39–42: Rainfall.

Divisions	Station	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	Rainfall in Cents RRR	Past weather commenced at † We	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PPP	Dry Bulb Temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature °F TnTn	Maximum Temperature TxTx	Minimum Temperature TnTn	Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	4	31	03	96	02	0	051	85	1	3	7	0	9	76	89	005	9	5	11	02	96	02	9	091	85	4	3	7	4	2	78	77	+ 3	+ 1	102.8	+ 2.3	113.7	140
	Chittagong	000	0	5	34	02	96	01	1	xxx	84	1	3	7	2	0	77	92	000	0	4	16	02	97	01	1	083	86	3	4	7	1	0	81	81	+ 5	+ 5	65.2	− 4.8	72.6	108
	Maijdee Court	000	9	2	00	00	99	01	1	042	87	0	0	9	0	1	79	90	000	6	5	00	00	98	03	0	077	88	0	0	9	2	0	80	80	+ 4	+ 2	55.1	− 18.8	65.0	115
	Comilla	000	0	0	00	00	98	00	0	045	90	0	0	9	0	0	79	93	000	0	0	00	00	98	00	0	081	90	0	0	9	0	0	78	80	+ 5	+ 3	42.5	− 13.3	54.3	94
	Brahmanbaria	000	0	4	00	00	97	03	2	043	87	0	0	9	0	5	79	91	000	0	1	00	00	97	01	1	084	89	1	5	5	0	0	79	82	—	—	36.5	− 5.5	52.3	78
	Sylhet	000	0	6	00	00	97	03	1	042	87	1	2	6	0	8	80	93	000	0	0	09	05	98	02	1	080	86	0	0	9	0	0	77	78	—	—	64.4	—	115.0	..
	Srimangal	000	0	7	00	00	96	02	1	040	87	0	0	9	0	7	81	93	000	0	0	00	00	97	00	0	083	89	0	0	9	0	0	77	76	+ 2	+ 1	57.7	+ 6.3	84.4	98
Dacca	Mymensingh	000	0	2	00	00	99	01	1	049	90	0	0	9	0	4	78	92	000	0	4	13	02	98	02	1	089	89	4	2	5	0	0	79	80	+ 4	+ 2	46.0	− 7.1	60.1	91
	Narayanganj	000	9	5	05	02	96	03	1	048	90	2	4	7	0	8	78	92	000	9	4	00	00	96	03	2	085	92	3	4	7	0	1	78	82	+ 3	+ 3	42.5	+ 0.5	58.7	74
	Dacca (Tezgaon)	000	9	4	13	62	99	02	1	040	89	2	2	5	0	1	79	92	000	9	5	00	00	98	03	1	076	89	4	8	6	0	9	80	82	—	—	43.8	—	58.7	
	Faridpur	000	8	3	16	03	96	01	1	046	88	3	4	8	0	0	80	91	000	9	3	34	02	96	03	0	079	89	3	5	8	0	0	81	80	+ 3	+ 1	36.8	4.2	48.9	71
	Barisal																		000	4	4	27	01	96	02	4	085	90	6	6	9	0	0	80	81		+ 3	38.1	− 11.5	55.2	81
Rajshahi	Khulna	000	0	0	00	00	97	00	0	051	89	0	0	9	0	0	80	92	000	0	0	00	00	97	00	0	087	89	0	0	9	0	0	80	80	+ 4	+ 2	36.8	− 6.6	53.8	[illegible]
	Satkhira	000	0	2	00	00	98	01	0	045	86	0	0	8	9	0	83	93	000	0	3	00	00	99	01	1	085	89	4	3	9	6	0	79	79	+ 4	+ 1	27.9	− 12.3	48.7	[illegible]
	Jessore	000	0	4	13	02	97	02	2	046	86	2	8	6	6	0	81	91	000	0	3	27	03	97	02	1	067	85	3	0	9	6	0	81	79	—	—	35.7	− 2.6	39.0	[illegible]
	Sirajganj	000	0	2	00	00	96	00	0	033	90	2	1	7	0	0	77	92	000	0	1	00	00	96	00	0	074	90	1	1	3	0	0	82	82	+ 4	+ 4	53.8	+ 14.6	62.8	[illegible]
	Bogra	000	0	0	13	02	96	00	0	042	90	0	0	9	0	0	79	92	000	0	0	05	02	98	00	0	080	87	0	0	9	0	0	80	82	+ 3	+ 4	53.8	+ 11.4	64.7	[illegible]
	Dinajpur	000	8	3	00	00	96	01	1	054	88	2	0	9	2	9	78	92	000	0	0	00	00	96	00	0	086	90	0	0	9	0	0	80	78	+ 3	0	39.6	− 7.4	24.8	[illegible]
	Rangpur	000	0	5	31	02	96	08	4	xxx	90	4	4	6	1	0	79	91	000	0	1	13	02	96	01	0	xxx	88	1	5	6	0	0	81	80	+ 3	+ 2	44.3	− 8.2	53.1	[illegible]
Kashmir	Jammu																																								..
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	97	02	0	045	96	0	0	9	0	0	69	97	000	7	0	00	00	96	02	3	092	79	0	0	9	0	0	70	73	0	− 2	16.7	+ 3.3	25.4	19
	Sialkot	000	0	1	31	02	97	02	1	036	95	1	2	6	0	0	72	97	000	0	0	05	02	97	00	0	084	77	0	0	9	0	0	66	70	+ 2	− 6	21.9	+ 0.4	45.1	32
Rawalpindi	Jhelum	000	0	3	13	02	97	17	0	046	95	3	3	7	0	0	70	95	000	8	0	27	03	98	02	9	096	77	0	0	9	0	0	62	70	—	—	16.7	—	27.3	..
	Rawalpindi	000	4	6	27	02	98	02	9	027	88	6	2	6	0	0	64	91	000	9	2	00	00	99	01	9	059	70	2	0	9	3	0	61	65	− 3	− 6	14.4	− 6.8	30.3	36
	Khushab	000	0	3	18	07	98	03	1	035	99	3	2	6	0	0	54	01	000	0	0	00	00	98	00	0	093	82	0	0	9	0	0	63	71	+ 1	− 8	8.2	− 1.2	17.0	15
Multan	Lyallpur	000	0	0	29	02	96	00	0	044	98	0	0	9	0	0	58	99	000	0	0	00	00	96	00	0	091	80	0	0	9	0	0	67	74	+ 2	− 3	10.1	+ 1.6	16.2	12
	Montgomery	000	0	0	23	02	97	00	0	046	96	0	0	9	0	0	66	00	000	0	0	13	02	98	00	0	087	79	0	0	9	0	0	69	74	− 1	− 5	6.4	− 0.1	10.2	10
	Multan	000	0	0	23	02	96	00	0	043	97	0	0	9	0	0	69	99	000	0	0	31	02	96	00	0	085	80	0	0	9	0	0	66	73	0	− 7	0.7	− 3.3	4.1	7
Bahawalpur	Leiah																																								8
	Khanpur	000	0	0	21	03	96	00	0	055	99	0	0	9	0	0	73	01	000	0	0	23	03	96	00	0	088	84	0	0	9	0	0	74	76	− 2	− 2	0.2	− 4.5	1.2	5
	Bahawalpur	000	0	0	00	00	97	00	0	048	96	0	0	9	0	0	72	00	000	0	0	00	00	97	00	0	092	85	0	0	9	0	0	70	75	− 1	− 2	1.3	− 2.9	2.5	6
	Fort Abbas																		023	6	0	31	02	97	00	6	009	98	0	0	9	0	0	71	76		—	2.8	—	5.7	8
Peshawar	Chakdara	000	0	8	xx	xx	98	03	2	003	81	8	0	8	7	x	59	93	000	0	4	xx	xx	97	03	0	101	68	0	x	8	3	x	54	48	—	—	2.7	—	17.5	14
	Peshawar	009	3	7	13	09	96	95	9	006	73	5	9	6	2	0	61	93																		− 3					
	Haripur																		025	2	3	23	02	97	01	0	097	70	0	0	9	0	1	62	63	—	—	7.9	—	21.9	..
	Campbellpur	030	5	8	05	07	98	02	6	086	70	8	3	6	x	x	65	89	042	9	5	05	03	98	03	6	112	77	5	0	8	2	0	62	65	—		5.7	—	21.1	
D. I. Khan	Bannu	009	4	5	27	05	99	01	9	027	88	5	0	9	4	0	65	94	009	0	0	00	00	99	00	1	091	78	0	0	9	0	0	65	70	—	—	2.4	—	9.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	025	98	0	0	9	0	0	67	30	000	0	0	00	00	98	00	0	085	77	0	0	9	0	0	63	73	− 1	− 5	2.3	− 2.8	7.8	10
Quetta	Sibi	000	0	0	23	03	99	00	0	021	03	0	0	9	0	0	73	05	000	0	0	00	00	99	00	0	080	82	0	0	9	0	0	70	82	—	—	1.1	—	4.2	5
Kalat	Nokkundi	000	0	0	34	05	99	02	0	026	95	0	0	9	0	0	41	99	000	0	0	34	02	99	02	0	103	76	0	0	9	0	0	24	67	—	—	0	—	1.9	2
	Turbat	000	0	0	23	02	97	00	0	005	02	0	0	9	0	0	xx	xx	000	0	0	23	01	98	00	0	016	71	0	0	9	0	0	xx	xx	—	—	2.5	—	5.9	4
	Jiwani	000	0	0	16	09	97	02	0	065	83	0	0	9	0	0	77	87	000	0	3	13	05	97	01	0	092	78	3	6	4	0	0	74	76	—	—	0	—	3.1	4
	Pasni	000	0	0	23	14	96	00	0	074	85	0	0	9	0	0	73	87	000	0	5	23	00	96	00	0	105	77	5	5	7	0	0	73	74	− 3	—	0	− 0.9	6.2	6
	Ormara	000	0	0	xx	xx	98	00	0	070	83	0	0	9	0	0	81	84	000	0	6	xx	xx	96	02	1	104	79	6	0	6	0	0	76	75	—	—	0	− 0.8	3.8	6
	Las Bela	000	0	0	09	04	98	00	0	004	95	0	0	9	0	0	73	102	000	0	0	00	02	99	00	0	088	79	0	0	9	0	0	76	73	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	97	01	0	066	84	2	0	9	5	0	80	86	000	0	7	31	07	97	03	2	094	80	7	0	9	7	0	77	77	+ 1	− 1	0.6	− 5.1	1.1	8
	Karachi (Air port)	000	0	3	23	10	97	03	0	066	84	.	5	6	0	0	75	88	000	0	6	25	05	96	03	1	094	80	6	5	5	0	0	72	76	—	—	0.9	—	1.4	9
	Badin	000	0	0	23	02	97	00	0	056	93	0	0	9	0	0	69	95	000	0	0	23	02	96	00	0	002	79	0	0	9	0	0	78	xx	+ 1	x	3.6	− 3.3	3.6	
	Nagarparkar	xxx	x	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	xx	xx																		—	—				
	Umarkot	000	0	0	23	03	97	00	0	055	96	0	0	9	0	0	71	96	000	0	0	23	01	97	00	0	083	79	0	0	9	0	0	73	74	—	—	4.7	—	4.7	7
	Hyderabad	000	0	0	20	05	97	02	0	050	95	0	0	9	0	0	69	99	000	0	0	20	05	97	02	0	092	79	0	0	9	0	0	71	76	+ 2	− 1	0.9	− 4.7	2.3	
Khairpur	Pad-i-dan	000	0	1	13	02	98	03	0	043	00	1	1	7	0	0	61	01	000	0	0	13	05	98	02	0	081	80	0	0	9	0	0	72	75	—	—	0.1	—	1.4	..
	Nawabshah	000	0	0	18	05	97	02	0	051	97	0	0	9	0	0	74	99	000	0	0	13	05	97	02	0	088	80	0	0	9	0	0	71	75	—	—	0.1	—	0.6	4
	Sukkur	000	0	0	00	00	96	00	0	041	97	0	0	9	0	0	73	98	000	0	0	00	00	96	00	0	083	84	0	0	9	0	0	74	79	—	—	0.1	—	2.9	
	Kashmore																																								4
	Jacobabad	000	0	0	13	05	97	02	0	044	96	0	0	9	0	0	76	98	000	0	0	13	07	97	02	0	078	83	0	0	9	0	0	77	79	− 5	x	0	− 2.1	3.5	
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								..
Arabia	Muscat	000	0	0	09	02	99	00	0	062	89	0	0	9	0	0	79	94	000	0	0	00	00	99	00	0	079	85	0	0	9	0	0	78	81	+ 4	− 2	0	− 0.1	6.9	4
	Kuwait																																								
	HILL STATIONS																																								
Kashmir	Srinagar *																																								36
	Gulmarg **																																								..
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **	000	0	0	27	03	96	02	1	100	56	0	0	9	0	0	29	56																							..
Rawalpindi	Aliabad *																																								
	Gilgit *																																								5
	Murree *	082	2	8	13	05	97	03	9	509	52	8	9	3	x	x	48	68	086	9	2	00	00	98	01	9	508	62	2	0	9	5	0	45	50	− 2	− 5	23.4	− 8.9	57.1	59
Peshawar	Drosh *	006	4	8	05	05	96	17	9	507	72	8	9	6	x	x	38	80	006	0	2	00	00	96	02	0	452	75	2	1	7	0	0	49	54	− 10	− 13	2.0	—	24.1	18
	Cherat *	009	2	8	31	05	96	60	9	504	67	8	3	7	0	0	55	84	009	0	0	31	05	98	00	0	513	65	0	0	9	0	0	49	61	− 1	− 6	4.0	− 7.0	24.7	29
	Kakul *	011	2	8	13	07	93	63	9	519	60	8	8	6	x	x	53	82	030	9	2	34	02	97	01	2	510	64	0	0	9	7	1	53	59	—	—	14.2	—	41.8	..
	Landi Kotal *	008	3	7	00	00	97	01	9	478	79	7	0	9	7	0	40	86	008	9	0	00	00	98	00	9	502	69	0	0	9	0	0	51	57	—	—	0.9	—	15.2	
	Parachinar *	000	0	0	13	02	99	00	0	797	78	0	0	9	0	0	52	xx	000	0	0	00	00	99	00	0	795	70	0	0	9	0	0	47	xx	—	—	6.7	—	25.8	39
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	508	83	0	0	9	0	0	79	88	000	0	4	00	00	99	00	0	542	73	0	0	9	2	2	69	67	—	—	3.1	− 0.8	15.4	15
	Wana *	000	0	0	13	01	99	00	0	578	87	0	0	9	0	0	87	89	000	0	0	16	02	99	00	0	448	87	0	0	9	0	0	38	79	—	—	1.4	—	13.5	..
	Fort Sandeman *	000	0	0	36	02	96	00	0	468	89	0	0	9	0	0	xx	92	000	2	0	36	02	95	05	4	507	71	0	0	9	0	0	56	62	− 2	− 6	2.4	− 2.4	12.9	11
Quetta	Hindubagh *	000	0	0	27	02	98	00	0	470	83	0	0	9	0	0	46	85	000	0	0	27	02	98	00	0	515	61	0	0	9	0	0	37	54	—	—	0	—	12.5	..
	Loralai *	000	0	4	23	02	98	02	1	489	84	4	0	9	3	0	39	87	000	0	0	27	02	98	00	0	486	62	0	0	9	0	0	27	56	—	—	1.9	—	10.7	..
	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	31	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	2.0	− 5.0	14.3	14
	Quetta *	000	0	1	29	06	97	02	0	487	82	1	1	7	0	0	72	85	000	0	0	00	00	95	00	0	498	61	0	0	9	0	0	xx	44	—	—	0	− 1.0	9.8	9
	Chaman *	000	0	0	36	07	96	05	0	495	86	0	0	9	0	0	68	89	000	0	0	27	02	97	00	0	505	73	0	0	9	0	0	55	62	− 4	− 4	0	− 0.1	10.2	8
Kalat	Kalat *	000	0	0	29	03	98	00	0	477	78	0	0	9	0	0	27	81	000	0	0	16	03	98	00	0	521	59	0	0	9	0	0	32	47	− 4	− 4	0	− 1.1	8.4	7
	Nushki *	000	0	8	31	08	96	00	0	537	95	0	0	9	0	0	42	96	000	0	0	05	05	97	00	0	528	76	0	0	9	0	0	36	69	—	—	0	—	8.0	..
	Dalbandin *	000	9	0	23	07	97	02	0	491	96	0	0	9	0	0	46	98	000	0	0	00	00	95	05	0	490	65	0	0	9	0	0	36	56	− 3	− 7	0	− 0.3	4.4	4
	Panjgur *	000	0	0	31	05	98	00	0	488	92	0	0	9	0	0	19	93	000	0	0	05	02	98	00	0	493	64	0	0	9	0	0	23	59	− 3	− 8	0	—	4.2	5
Afghanistan	Kabul *	000	0	2	32	02	99	03	0	510	76	3	1	7	0	0	52	82	003	0	0	27	03	99	00	0	549	60	0	0	9	0	0	48	52	—	—	—	—	—	13
	Kandahar *																																								

†Given in Code.
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day.
Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 9th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alhussaini	13 215	681 00	3 31 05	98 02 0	066 81	31 3 00	7 4 669	..	0 01 74	1 31 xx
Alhussaini	13 233	675 06	4 29 18	98 02 0	098 81	32 2 61	7 4 205	..	0 51 71	1 29 32
Yuhomaru	13 233	604 12	0 16 14	98 02 1	070 86	00 9 00	3 5 820	..	0 00 79	
Sliedrecht	13 217	597 12	7 22 09	97 03 1	075 72	77 4 00	..	..	0 52 70	1 16 21
Dumra	13 233	673 18	6 23 09	98 02 2	098 81	65 4 00	3 5 400	..	0 00 73	1 23 34
Daressa	13 243	611 18	7 23 09	98 03 1	074 79	71 6 00	5 5 102	..	0 53 77	1 23 20

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Iswardi ..														
Karachi ..	00 00	007 255 248	085 252 232	..	420 202 108	..	140 105 015	395 508 572	829 578 752	562 632 872	970 755	249 030	432 128	670 268
Lahore ..														
Multan ..														
Peshawar ..	00 00	Misda												
Quetta ..	00 00	831 135 518	..	..	..	..	140 105 015	408 042 532	879 500 590	630 602 665	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Iswardi ..													
Karachi ..	00 00	900 205 182	830 202 088	800 155 038	350 195 999	250 872 999	..	..	..	..	250 872 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	Misda											
Quetta ..	00 00	800 145 522	784 155 532	745 148 505	517 002 582	..	..	..	..	..	517 002 582	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C.
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra ..	08 04	08 04	08 03	09 04	11 05	11 03	..	.	..
Chaklala ..	..	15 26	14 19	12 09	29 05	30 11		..	..
Chhor ..	24 11	33 10	20 08	11 04	02 11	36 23	28 09	27 21	25 21
Chittagong ..	34 07	36 06	36 06	09 03	10 11	12 15	13 12	13 18	10 17
Cox's Bazar ..	35 06	36 03	05 04	12 12	15 17	..	..		
Dacca ..	07 02	36 01	02 02	11 02	14 05	09 06	10 10	10 11	09 11
Dalbandin ..	..	..	34 12	31 10	26 09	25 08	30 14	32 19	..
D. I. Khan ..	..	..	..				..	..	..
Drosh ..	..	..	..	08 05	08 03	26 04	..	..	..
Fort Sandeman ..	..	..		21 04	21 07	24 09	25 06	30 12	30 23
Jacobabad ..	15 10	17 11	22 07	22 02	36 04	33 11	34 07	32 17	32 16
Jessore ..							..	..	
Jhelum ..	23 03	19 06	19 07	19 05	24 06	23 07	22 10	xx xx	19 13
Jiwani ..	25 06	21 04	21 03	27 07	28 07	03 10	01 10	33 12	30 09
Karachi ..	24 16	26 07	27 06	27 06	22 10	36 09	..		..
Khanpur ..	20 04	17 06	17 06	13 05	11 08	05 10	27 09	21 15	25 23
Lahore ..	30 07	26 07	25 08	24 10	25 11	33 08	11 03	27 06	25 17
Multan ..	20 10	18 13	18 13	18 08	23 06	20 07	10 07	35 10	31 14
Mimat ..	..			..	..	..	..	..	..
Panjgur ..	..				..		..	..	..
Peshawar ..	..	15 22	16 17	11 08	27 06	28 14		..	
Quetta ..	..	..	..	..	28 09	29 07	23 08	31 15	31 21
Sharjah ..		..		..	..	..	..	..	
Sylhet ..	36 02	11 02	10 07	12 08	11 10	15 07	11 05	10 07	13 17
Veraval ..									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra ..	36 01	36 04	03 05	02 06	13 04	15 07
Chaklala ..	..	33 07	27 04	22 03	24 06	27 07
Chhor ..	24 15	22 13	18 11	19 10	04 05	
Chittagong ..	06 08	05 07	03 07	02 12	02 07	09 16
Cox's Bazar ..	13 07	13 05	06 08	12 12	12 10	
Dacca ..	03 04	05 05	08 06	19 03	16 05	15 05
Dalbandin ..	..	..	05 05	36 06	35 16	35 20
D. I. Khan ..	..		..			
Drosh ..	..	..		26 02	27 06	24 09
Fort Sandeman ..	..			04 03	32 07	28 14
Jacobabad ..	18 07	17 06	15 05	13 02	05 04	03 04
Jessore ..						
Jhelum ..	30 14	35 12	33 07	26 15	28 15	31 09
Jiwani ..	15 09	04 01	36 03			
Karachi ..	27 11	27 09	26 07	30 04	35 11	03 15
Khanpur ..	21 26	24 21	23 26	20 08	12 06	07 11
Lahore ..	23 04	26 06	27 13	29 18	27 12	31 10
Multan ..	23 12	24 25	23 29	24 17	20 13	19 28
Mimat ..	..		..	..	..	..
Panjgur ..	..					
Peshawar ..	..	34 06	32 04	33 05	02 02	26 07
Quetta ..	..	..			22 04	20 19
Sharjah ..						
Sylhet ..	06 08	04 04	04 05	07 04	20 07	15 07
Veraval ..						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	03 04	02 03	.	..	..	..	..	..	..	..	..
Chaklala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..				..	..	..	..	..	..	..	..
Chittagong ..	20 06	21 11	21 13							..	..
Cox's Bazar ..	17 07	13 08	13 09	12 17	12 19	13 15	12 12	12 15	.	..	..
Dacca ..	08 03	06 01	06 01	13 03	13 06	11 07	11 11	10 16			
Dalbandin ..	..	..	25 01	27 04	01 04	32 06	34 10	28 11	28 16	29 33	29 35
D. I. Khan ..	..		..								
Drosh ..	..	..	..		22 04	21 13	16 15	19 19	20 12	22 21	25 40
Fort Sandeman ..	..	..	..	26 02	27 03	25 13	20 21	..	..	..	..
Jacobabad ..	..	..		..	..	..	..	..	..		..
Jessore ..											
Jhelum ..	31 07	32 10	32 12	29 13	30 12	29 05	28 06	29 05	15 01	26 10	..
Jiwani ..	09 03	15 03	14 08	09 07	01 04	03 09					
Karachi ..	29 15	27 12	32 09	32 06	04 08	03 10	01 10	05 06	26 09	26 09	21 13
Khanpur ..	23 02	20 02	09 07	09 05	02 04	32 02	27 10	25 18	25 29	25 23	24 57
Lahore ..	33 07	29 10	28 10	32 10	33 10	32 07	33 06	06 14	24 22	25 48	
Multan ..	No	ascent	..	..	..		..				..
Mimat ..	..	..	..	..			..				
Panjgur ..	..										
Peshawar ..	..	33 06	36 04	02 01	26 03	23 11	25 10	21 13	22 19	26 27	25 49
Quetta ..	..	..		..	23 06	23 05	27 10	29 16	27 17	28 45	27 39
Sharjah ..	..										..
Sylhet ..	08 06	09 07	09 06	12 07	13 08	13 08	13 07	14 09	11 09	..	..
Veraval ..											

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 14	25 10	24 06	31 08	33 11	01 12	02 08	04 07	35 05	27 18	23 37	24 22	20 11	25 17	25 10	21 06		
Peshawar ..																		
Quetta ..																		

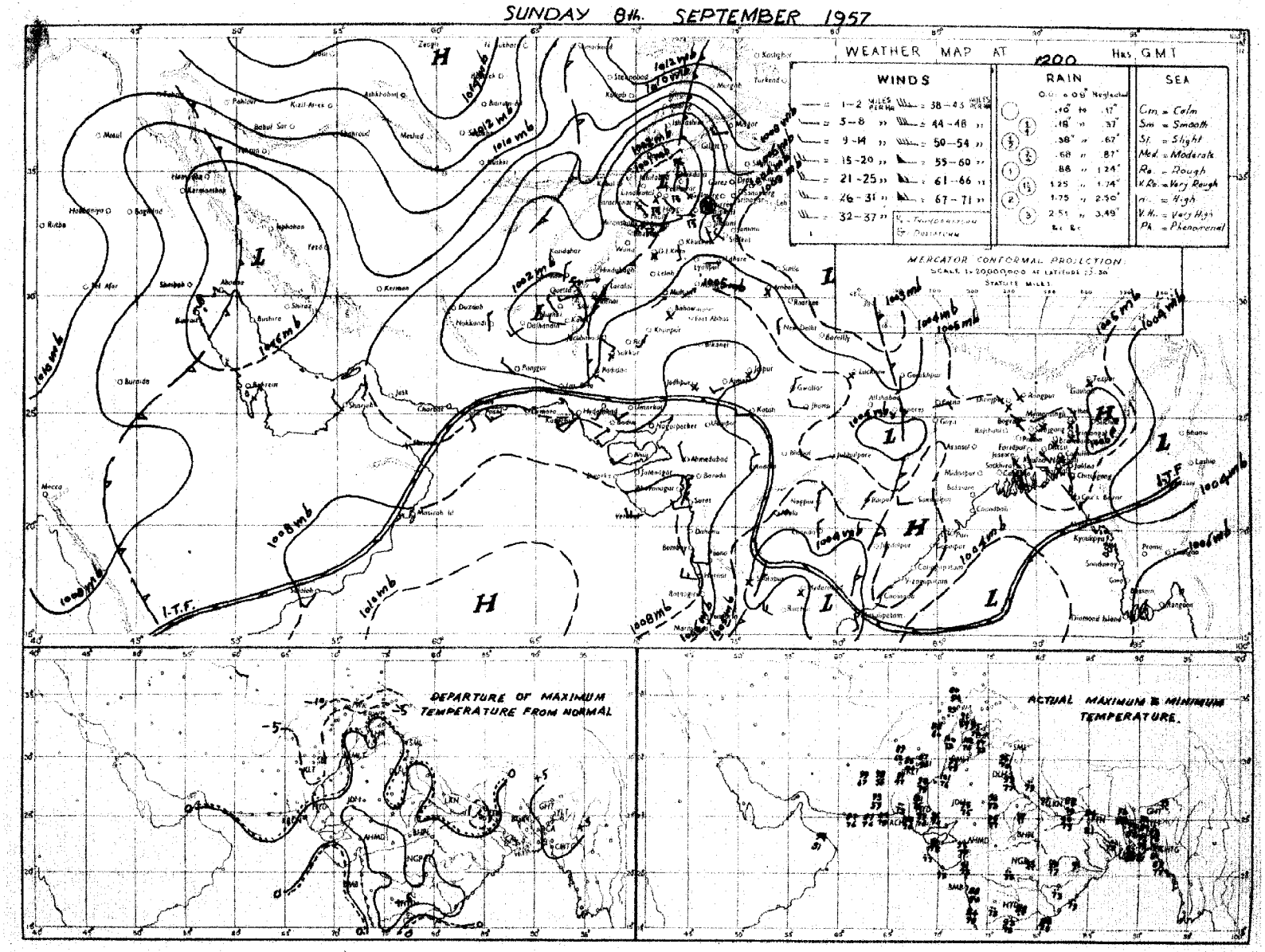
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 I added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

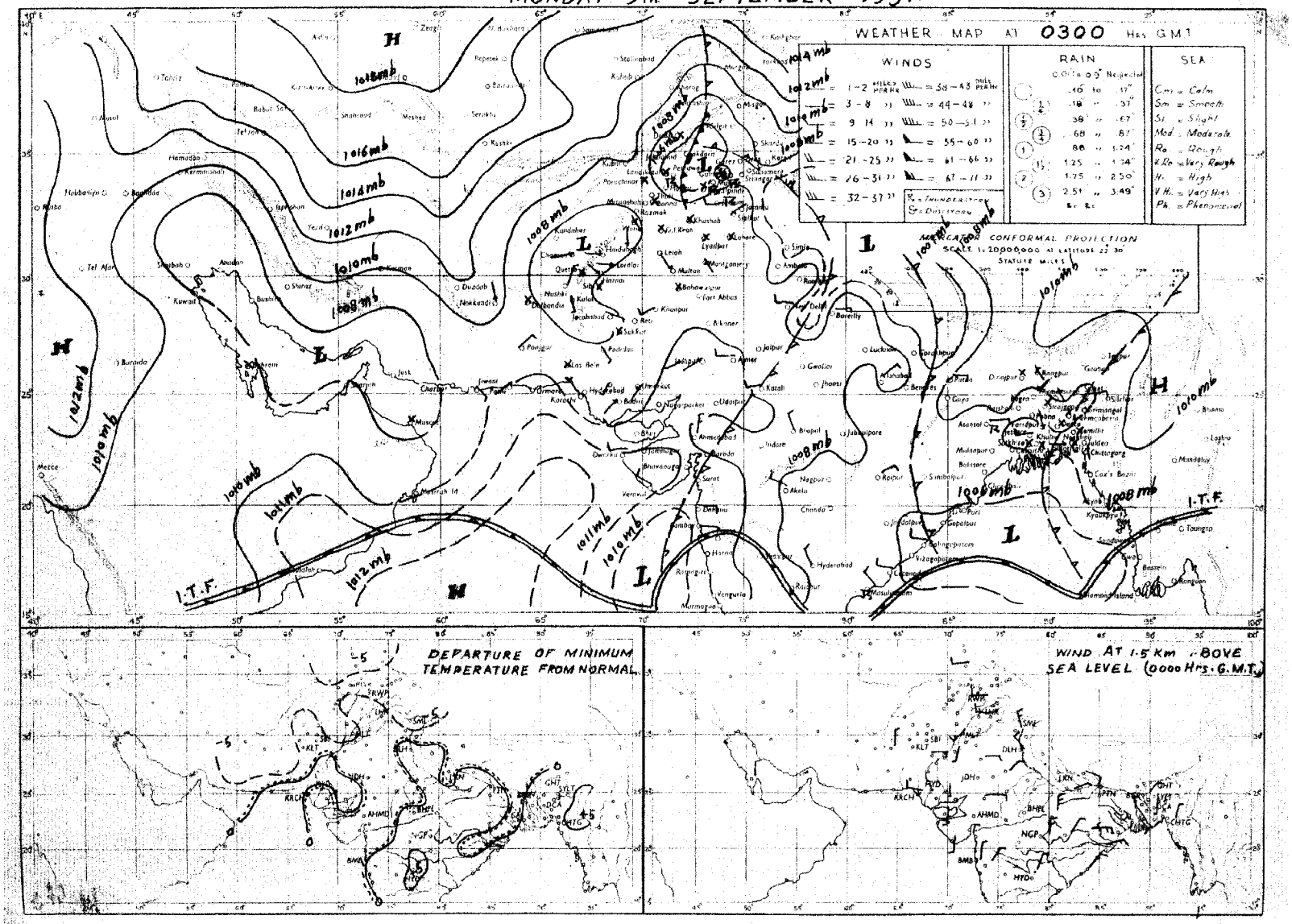
SUNDAY 8th. SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

MONDAY 9th SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

TUESDAY, THE 10th SEPTEMBER, 1957.

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

Yesterday's low pressure wave over Rawalpindi division and Kashmir have moved away eastwards.
Weather remained dry over West Pakistan.
Yesterday's wellmarked trough of low persists over West Central Bay of Bengal and is likely to concentrate into a depression.
Fairly widespread thunderstorms/showers have occurred in Chittagong and Dacca divisions and scattered rain in Rajshahi divisions.
Chief amounts of rainfall are:—Sylhet 2"; Dinajpur 1½"; Mymensingh 1"; Srimangal and Faridpur ½" each and Dacca and Sirajganj ¼" each.
Day temperatures were 3-6°F above normal in East Pakistan and 3-5°F below normal in Kalat, Quetta, Khairpur, D. I. Khan and Peshawar divisions.
Forecast valid until the evening of 11th:—Rain/thundershowers will be fairly widespread in Chittagong and Dacca divisions and scattered in Rajshahi division. Weather will be dry over West Pakistan.

Karachi-11.
The 10th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	002	2	6	00	00	95	95	9	060	84	×	9	6	1	2	80	90
	Chittagong	000	6	7	36	02	96	02	5	049	83	4	3	5	2	0	77	90
	Maijdee Court	000	2	8	00	00	98	01	5	040	83	0	0	9	4	2	78	91
	Comilla	003	3	7	00	00	97	01	9	043	84	5	3	5	6	0	80	94
	Brahmanbaria	000	0	4	00	00	97	03	2	039	90	4	4	5	0	0	79	94
	Sylhet	000	0	3	23	05	97	02	0	036	90	1	2	4	3	2	78	95
	Srimangal	000	0	2	23	02	96	02	0	027	89	2	6	7	0	0	82	94
Dacca	Mymensingh	000	0	4	00	00	99	02	1	040	91	0	0	9	0	4	78	94
	Narayanganj	000	9	7	27	02	96	03	1	036	89	5	5	6	2	0	79	95
	Dacca (Tezgaon)	018	3	7	23	02	98	03	9	036	87	1	2	6	4	9	80	93
	Faridpur	062	3	3	00	00	96	04	6	028	82	2	4	8	1	0	79	88
	Barisal	011	6	4	00	00	96	03	5	035	85	8	0	9	6	0	77	93
Rajshahi	Khulna	000	0	8	00	00	97	01	2	045	83	8	5	7	×	×	79	94
	Satkhira	000	0	8	00	00	96	03	2	045	87	×	×	6	×	×	84	××
	Jessore	000	0	4	18	03	97	02	2	051	86	2	8	6	6	0	81	92
	Sirajganj	000	0	2	00	00	96	00	0	028	88	1	1	8	0	1	80	94
	Bogra	000	0	0	00	00	96	00	0	036	93	0	0	9	0	0	77	95
	Dinajpur	150	2	6	00	00	96	61	2	052	85	0	0	9	2	0	73	95
	Rangpur	000	0	2	09	02	96	01	0	×××	89	2	5	6	0	0	81	95
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	96	02	0	051	93	0	0	9	0	0	72	94
	Sialkot	000	0	0	31	02	97	00	0	043	92	0	0	9	0	0	68	94
Rawalpindi	Jhelum	000	0	0	27	02	97	02	0	044	93	0	0	9	0	0	63	95
	Rawalpindi	000	0	0	00	00	99	00	0	029	89	0	0	9	0	0	59	91
	Khushab	000	0	0	11	02	98	00	0	044	95	0	0	9	0	0	60	99
Multan	Lyallpur	000	0	0	00	00	96	00	0	049	96	0	0	9	0	0	65	98
	Montgomery	000	0	0	18	02	96	00	0	047	98	0	0	9	0	0	76	00
	Multan	000	0	0	31	02	96	00	0	050	96	0	0	9	0	0	61	99
Bahawalpur	Leiah																	
	Khanpur	000	0	0	36	03	96	00	0	052	99	0	0	9	0	0	77	06
	Bahawalpur	000	0	3	00	00	97	02	0	051	94	3	0	9	3	0	75	00
	Fort Abbas	000	0	0	05	02	97	00	0	051	97	0	0	9	0	0	69	00
Peshawar	Chakdara	000	0	1	××	××	98	01	1	002	89	1	2	7	0	0	60	93
	Peshawar	000	0	1	00	00	98	03	0	043	89	1	9	6	8	0	62	92
	Haripur	000	0	1	36	02	97	02	0	044	89	1	2	6	0	0	77	92
	Campbellpur	000	0	0	09	02	98	00	0	053	90	0	0	9	0	0	57	90
D. I. Khan	Bannu	000	0	0	13	02	99	00	(	045	90	0	0	9	0	0	66	91
	D.I. Khan	000	0	0	00	00	98	00	0	048	95	0	0	9	0	0	65	97
Quetta	Sibi	000	0	0	00	00	98	00	0	034	05	0	0	9	0	0	74	06
Kalat	Nokkundi	000	0	0	34	02	99	02	0	047	95	0	0	9	0	0	39	97
	Turbat	000	0	0	23	02	97	00	0	008	01	0	0	9	0	0	84	06
	Jiwani	000	0	0	18	09	97	00	0	064	83	0	0	9	0	0	76	87
	Pasni	000	0	0	23	16	98	00	0	083	85	0	0	9	0	0	75	87
	Ormara	000	0	0	××	××	98	00	0	084	84	0	0	9	0	0	81	85
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	98	01	0	072	85	2	6	4	0	0	81	87
	Karachi (Air port)	000	0	1	25	09	97	03	1	062	84	0	0	9	0	1	75	89
	Badin	000	0	0	23	02	97	00	0	055	94	0	0	9	0	0	70	96
	Nagarparker	×××	×	0	16	02	98	00	0	—	—	0	0	9	0	0	—	—
	Umarkot																	
	Hyderabad	000	0	2	20	02	97	03	0	057	95	2	5	6	0	0	67	97
Khairpur	Pad-i-dan	000	0	2	09	02	98	02	1	048	00	2	1	7	0	0	56	01
	Nawabshah	000	0	2	13	05	97	02	0	058	96	2	8	7	0	0	57	99
	Sukkur	000	0	0	00	00	96	00	0	046	96	0	0	9	0	0	72	99
	Kashmore																	
	Jacobabad	000	0	0	13	05	97	02	0	046	98	0	0	9	0	0	77	99
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muskat	000	0	0	05	05	98	00	0	068	87	0	0	9	0	0	79	93
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
Rawalpindi	Aliabad *																	
	Gilgit *																	
	Murree *	000	9	0	27	03	98	02	1	484	68	0	0	9	0	0	55	71
Peshawar	Drosh *	000	4	7	05	09	96	03	2	479	75	7	5	6	0	0	32	87
	Cherat *	000	0	0	18	02	98	00	0	490	80	0	0	9	0	0	57	82
	Kakul *	000	0	0	16	05	99	00	0	488	77	0	0	9	0	0	59	84
	Landi Kotal *	000	0	2	02	02	97	01	0	492	83	2	0	9	2	0	48	85
D. I. Khan	Parachinar *	000	0	0	13	02	99	00	0	794	58	0	0	9	0	0	46	××
	Miranshah *	000	0	0	00	00	99	00	0	514	83	0	0	9	0	0	80	87
	Wana *																	
Quetta	Fort Sandeman *	000	0	4	23	05	97	03	0	478	87	4	2	6	0	0	47	90
	Hindubagh *	000	0	0	27	05	98	00	0	474	82	0	0	9	0	0	47	85
	Loralai *	000	0	2	23	05	98	02	1	465	84	2	0	9	3	0	35	86
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	27	07	98	01	0	491	81	1	2	6	0	0	73	85
Kalat	Chaman *	000	0	0	20	05	99	00	0	491	85	0	0	9	0	0	71	88
	Kalat *	000	0	0	34	07	98	00	0	486	75	0	0	9	0	0	31	82
	Nushki *	000	0	0	05	09	96	00	0	534	92	0	0	9	0	0	38	95
	Dalbandin *	000	0	0	23	05	97	02	0	502	94	0	0	9	0	0	43	96
	Panjgur *	000	0	0	31	03	98	00	0	501	91	0	0	9	0	0	27	93
Afghanistan	Kabul *	000	0	3	32	02	99	03	0	510	76	3	1	9	0	0	52	82
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	002	0	3	16	02	96	03	0	089	88	2	9	7	0	1	78	78	+ 4	+ 2	102.8	+ 1.9	113.7	140
	Chittagong	000	0	6	05	02	97	02	2	083	88	4	2	6	2	0	80	79	+ 3	+ 3	65.2	− 5.2	72.6	100
	Maijdee Court	000	8	2	09	02	99	01	1	084	86	0	0	9	1	0	78	79	+ 6	+ 1	55.1	− 19.2	61.0	115
	Comilla	003	1	5	00	00	98	20	5	090	82	5	2	5	0	0	79	78	+ 6	+ 1	42.5	− 13.6	54.4	94
	Brahmanbaria	000	8	6	09	02	97	03	2	066	86	4	×	9	4	2	78	80	—	—	36.5	− 5.7	52.3	78
	Sylhet	232	3	6	09	02	97	02	9	081	82	4	5	6	2	0	78	73	—	—	64.4	—	115.0	..
	Srimangal	052	5	1	09	02	97	02	9	088	86	1	1	7	0	1	75	75	+ 3	0	58.2	+ 6.4	84.9	98
Dacca	Mymensingh	096	2	8	13	02	95	95	9	089	74	8	7	3	×	×	73	74	+ 6	− 4	47.0	− 6.6	61.1	..
	Narayanganj	000	9	7	36	02	96	03	2	085	90	5	4	6	0	8	72	82	+ 6	+ 3	42.5	+ 0.1	58.7	..
	Dacca (Tezgaon)	018	9	7	05	02	96	03	1	083	85	6	8	5	4	0	80	80	—	—	43.9	—	58.9	..
	Faridpur	062	9	7	00	00	96	03	0	083	87	5	5	7	1	0	77	75	0	− 4	37.4	− 3.9	49.5	..
	Barisal	011	4	6	00	00	96	03	4	095	85	5	7	9	6	0	81	80	+ 5	+ 2	38.2	− 11.7	55.3	..
Rajshahi	Khulna	000	0	7	00	00	97	01	2	081	87	7	4	7	0	0	81	80	+ 6	+ 2	36.8	− 6.8	53.8	..
	Satkhira																		0					
	Jessore	000	0	6	13	03	97	02	1	097	85	4	8	6	6	0	81	80	—	—	35.7	− 7.8	39.0	..
	Sirajganj	018	3	8	00	00	95	02	6	076	84	8	7	4	0	0	80	79	+ 6	+ 1	53.3	+ 14.4	63.0	64
	Bogra	000	0	6	09	02	97	02	0	077	81	6	6	6	0	0	77	81	+ 6	+ 3	53.8	+ 11.0	64.7	69
	Dinajpur	150	2	4	00	00	96	02	2	085	81	0	0	9	9	0	77	76	+ 6	− 2	41.1	− 6.3	44.3	72
	Rangpur	000	0	4	09	02	96	01	1	×××	88	4	5	6	0	0	78	78	+ 7	0	44.3	− 8.7	53.1	84
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	071	82	0	0	9	0	0	70	75	− 3	0	16.7	+ 3.2	25.4	19
	Sialkot	000	0	0	00	00	97	00	0	067	80	0	0	9	0	0	71	74	− 1	− 2	21.9	+ 0.3	45.1	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	075	79	0	0	9	0	0	67	70	—	—	16.7	—	27.3	..
	Rawalpindi	000	0	0	00	00	99	00	0	085	72	0	0	9	0	0	59	65	− 3	− 6	14.4	− 6.9	30.3	..
	Khushab	000	0	0	11	02	97	00	0	070	84	0	0	9	0	0	60	74	− 1	− 5	8.2	− 1.2	17.0	..
Multan	Lyallpur	000	0	0	00	00	96	00	0	070	84	0	0	9	0	0	70	75	+ 1	− 2	10.1	+ 1.5	16.2	..
	Montgomery	000	0	0	13	02	98	00	0	080	82	0	0	9	0	0	67	73	− 1	− 6	6.4	− 0.1	10.2	..
	Multan	000	0	0	13	02	96	00	0	062	82	0	0	9	0	0	67	74	0	− 6	0.7	− 3.8	4.1	..
Bahawalpur	Leiah																							
	Khanpur	000	0	0	27	04	96	00	0	072	84	0	0	9	0	0	74	77	+ 3	− 1	0.2	− 4.5	1.2	6
	Bahawalpur	000	0	0	00	00	97	00	0	069	83	0	0	9	0	0	69	77	− 1	0	1.3	− 2.9	2.5	8
	Fort Abbas	000	0	0	31	02	97	00	0	007	89	0	0	9	0	0	69	76	—	—	2.8	—	5.7	8
Peshawar	Chakdara	000	0	0	13	××	97	00	0	070	73	×	×	9	×	×	53	53	—	—	2.7	—	17.5	..
	Peshawar	000	0	1	18	02	98	02	0	073	78	1	1	7	0	0	65	70	− 4	− 4	1.8	− 2.1	12.9	14
	Haripur	000	1	0	23	02	97	00	0	066	76	0	0	9	0	0	65	67	—	—	7.9	—	21.9	..
	Campbellpur	000	0	0	05	02	98	00	0	093	76	0	0	9	0	0	69	69	—	—	5.7	—	21.1	..
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	062	83	0	0	9	0	0	69	73	—	—	2.4	—	9.5	11
	D.I. Khan	000	0	0	00	00	98	00	0	053	81	0	0	9	0	0	69	70	− 4	− 3	2.3	− 2.9	7.8	10
Quetta	Sibi	000	0	0	00	00	××	00	0	07[illegible]	88	0	0	9	0	0	68	83	—	—	1.4	—	6.2	5
Kalat	Nokkundi	000	0	0	02	09	99	02	0	088	77	0	0	9	0	0	39	69	—	—	0	—	1.9	2
	Turbat	000	0	0	23	01	98	00	0	019	71	0	0	9	0	0	××	××	—	—	2.5	—	5.9	..
	Jiwani	000	0	8	11	05	96	03	1	084	76	8	6	4	×	×	73	73	—	—	0	—	3.1	4
	Pasni	000	0	4	16	00	96	00	0	105	77	4	5	7	0	0	72	73	− 3	+ 1	0	− 0.9	6.2	6
	Ormara	000	0	0	××	65	96	00	0	098	78	0	0	9	0	0	76	74	—	—	0	− 0.8	3.8	8
	Las Bela																							
Karachi Federal Area & Hyderabad	Karachi (Manora)																							8
	Karachi (Air port)	000	0	1	27	03	96	03	0	077	78	3	6	5	0	0	75	76	—	—	0.9	—	1.4	..
	Badin	000	0	0	23	02	96	00	0	083	79	0	0	9	0	0	72	××	+ 2	×	3.6	− 3.3	3.6	..
	Nagarparker	×××	×	0	00	00	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	—	—	—	..
	Umarkot																							
	Hyderabad	000	0	0	20	02	97	02	0	074	79	0	0	9	0	0	72	75	0	− 2	0.9	− 4.7	2.8	..
Khairpur	Pad-i-dan	000	0	0	13	02	98	02	0	065	82	0	0	9	0	0	69	75	—	—	0.1	—	1.4	..
	Nawabshah	000	0	0	13	03	97	02	0	071	80	0	0	9	0	0	69	74	—	—	0.1	—	0.6	..
	Sukkur	000	0	0	00	00	96	00	0	065	85	0	0	9	0	0	72	79	—	—	0.1	—	2.9	..
	Kashmore	000	0	0	23	01	99	00	0	077	86	0	0	9	0	0	69	74	—	—	—	—	—	..
	Jacobabad	000	0	0	00	00	97	02	0	068	84	0	0	9	0	0	77	78	− 4	− 1	0	− 2.2	3.5	..
Junagarh	Veraval																							
Afghanistan	Jalalabad																							
Arabia	Muskat	000	0	0	09	02	99	00	0	073	85	0	0	9	0	0	79	84	+ 3	+ 1	0	− 0.1	6.9	..
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							
	Gulmarg **																							
	Sonamarg **																							
	Dras **																							
	Leh **																							
	Skardu *																							
	Misgar **	000	0	3	27	02	98	02	1	093	45	0	0	9	0	0	32	35	—	—	—	—	—	..
Rawalpindi	Aliabad *																							
	Gilgit *																							5
	Murree *	000	0	0	05	07	98	00	0	489	65	0	0	9	0	0	42	50	+ 1	− 5	23.4	− 9.1	57.1	59
Peshawar	Drosh *	000	0	0	00	00	96	02	0	518	59	0	0	9	0	0	45	55	− 3	− 12	2.0	—	24.1	18
	Cherat *	000	0	0	36	05	97	00	0	495	69	0	0	9	0	0	43	65	− 3	− 2	4.0	− 7.1	24.7	29
	Kakul *	030	0	0	18	02	96	00	0	495	71	0	0	9	0	0	53	62	—	—	14.2	—	41.8	..
	Landi Kotal *	000	0	0	[illegible]	02	97	00	0	487	74	0	0	9	0	0	44	61	—	—	0.9	—	15.2	29
D. I. Khan	Parachinar *	000	0	0	00	00	99	00	0	793	58	0	0	9	0	0	46	××	—	—	6.7	—	25.8	13
	Miranshah *	000	0	0	00	00	99	00	0	505	72	0	0	9	0	0	61	69	—	—	3.1	− 0.9	18.4	..
	Wana *	009	0	0	00	00	98	00	0	467	67	0	0	9	0	0	47	59	—	—	1.5	—	13.5	11
Quetta	Fort Sandeman *	000	0	0	36	02	97	00	0	496	71	0	0	9	0	0	25	56	− 4	− 12	2.4	− 2.4	12.8	..
	Hindubagh *	080	0	0	27	02	98	00	0	502	58	0	0	9	0	0	36	55	—	—	0	—	13.[illegible]	..
	Loralai *	000	0	0	27	02	98	00	0	477	62	0	0	9	0	0	40	56	—	—	1.9	—	10.7	14
	Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	− 5.0	14.3	..
	Quetta *	000	0	0	27	02	96	00	0	485	62	0	0	9	0	0	46	44	—	—	0	− 1.0	9.5	9
Kalat	Chaman *	000	0	0	25	02	97	00	0	489	73	0	0	9	0	0	57	60	− 5	− 6	0	− 0.1	10.2	..
	Kalat *	000	0	0	00	00	98	00	0	508	56	0	0	9	0	0	30	46	− 3	− 5	0	− 1.1	8.4	..
	Nushki *	000	0	0	02	05	97	00	0	534	75	0	0	9	0	0	34	67	—	—	0	—	8.0	..
	Dalbandin *	000	0	0	00	00	97	02	0	475	62	0	0	9	0	0	31	56	− 5	− 7	0	− 0.3	4.4	..
	Panjgur *	000	0	0	00	00	98	00	0	494	70	0	0	9	0	0	18	66	− 3	− 1	0	—	4.2	12
Afghanistan	Kabul *	000	0	0	00	00	99	00	0	564	52	0	0	9	0	0	42	46	—	—	—	—	—	..
	Kandahar *																							

†Given in Code
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day.
Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 10th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Safina-e-Arab	23 216	748 00	4 19 05	97 01 0	100 79	11 5 01	3 4 305	..	0 51 76	1 19 22
Anking	23 092	689 00	4 28 09	98 03 1	102 81	32 9 01	6 5 915	..	0 00 78	1 29 22
Yohomaru	23 211	630 00	5 21 14	97 02 1	090 77	21 6 50	3 6 500	..	0 52 75	..
Yohomaru	23 202	643 06	1 26 10	98 02 1	120 82	11 9 00	3 5 400	..	0 00 25	..
Fujisamaru	23 159	690 06	2 31 12	98 02 1	110 84	11 5 00	7 6 110	..	0 52 75	..
Yohomaru	23 193	655 12	1 25 10	98 02 1	100 84	11 4 00	3 8 020	..	0 04 75	..
Vuhomaru	23 183	667 18	4 27 10	98 01 2	120 79	11 4 00	3 5 210	..	0 54 75	..
Anking	23 104	646 18	2 27 13	98 01 0	124 81	00 9 01	6 5 400	..	0 51 xx	1 27 22
Jalazad	23 225	638 18	2 28 02	99 01 0	096 79	01 9 00	1 5 302	..	0 00 72	1 25 22
Palamcotta	23 118	660 18	4 26 09	98 01 0	132 xx	22 3 04	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	110 246 248	109 245 242	..	500 228 192	..	199 118 092	475 028 535	941 522 708	681 595 802	985 768	268 820	458 015	715 165
Lahore														
Multan														
Peshawar														
Quetta	00 00	832 125 532	Misda											

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE Sc. HHHH TT	Sc. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	900 232 212	800 202 148	640 072 038	613 032 005	350 640 999	250 888 999	..	..	..	250 088 999	..	..
Lahore													
Multan													
Peshawar													
Quetta	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C.
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra	23 02	21 01	19 03	16 04	15 04	11 04	13 08	14 10	11 11
Chaklala	..	..	..	..	..	..	..	..	..
Chhor	22 09	20 08	16 07	14 11	12 09	06 06	..	..	..
Chittagong	04 08	01 10	35 12	32 09	..	..	..	..	..
Cox's Bazar	34 02	07 02	14 06	11 07	11 09	..	..	..	..
Dacca	24 06	05 01	06 01	09 04	08 04	15 06	13 13	12 16	13 20
Dalbandin	..	..	21 10	24 08	26 11	30 10	29 13	29 21	29 23
D. I. Khan	..	..	..	..	..	..	..	..	..
Drigh	..	..	..	04 06	05 07	03 11	..	..	..
Fort Sandeman	..	..	..	23 11	22 14	22 05	24 10	25 14	28 21
Jacobabad	15 11	16 07	16 04	03 01	03 04	36 06	33 11	33 12	28 15
Jessore	..	..	..	..	..	..	..	..	..
Jhelum	27 05	28 09	29 03	30 07	31 11	31 16	27 05	28 09	28 12
Jiwani	20 09	13 06	18 08	01 07	01 07	01 23	..	..	..
Karachi	24 16	24 08	31 03	09 09	36 12	01 17	03 15	36 10	36 10
Khanpur	30 06	32 03	01 02	12 04	13 06	06 06	34 10	27 14	26 21
Lahore	29 07	32 06	32 08	30 15	20 15	31 15	33 12	33 10	29 11
Multan	No	ascent	..	..	..	..	..	..	..
Muscat	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..
Peshawar	..	..	..	..	..	..	..	..	..
Quetta	..	..	..	..	28 10	24 11	26 08	30 12	29 17
Sharjah	..	..	..	..	..	..	..	..	..
Sylhet	29 06	32 03	09 01	15 03	18 04	11 09	13 06	10 06	11 10
Veraval	..	..	..	..	..	..	..	..	..

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bogra	29 09	31 03	34 01	10 01	14 03	..
Chaklala	..	05 02	31 03	26 03	25 05	25 15
Chhor	23 14	26 07	16 06	12 06	09 07	03 17
Chittagong	10 08	15 07	14 05	11 07	14 16	14 18
Cox's Bazar	10 09	10 09	12 09	11 20	13 23	12 00
Dacca	28 03	27 05	29 02	08 04	08 03	14 12
Dalbandin	..	..	35 05	36 12	31 05	33 09
D. I. Khan	..	..	..	..	..	..
Drigh	..	..	..	04 02	02 03	01 09
Fort Sandeman	..	..	..	21 07	27 05	29 07
Jacobabad	20 25	21 19	20 15	21 12	22 04	13 09
Jessore	..	..	..	..	..	..
Jhelum	04 03	32 02	33 03	30 09	30 10	30 12
Jiwani	15 06	06 02	31 06	..	..	..
Karachi	29 13	29 09	27 03	04 10	36 13	03 17
Khanpur	26 27	24 23	24 21	24 13	23 06	15 07
Lahore	21 11	24 09	28 12	29 12	31 16	33 19
Multan	No	ascent	..	..	..	..
Muscat	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..
Peshawar	..	..	..	..	..	..
Quetta	..	..	..	..	21 05	28 09
Sharjah	..	..	..	..	..	..
Sylhet	..	..	..	..	..	..
Veraval	..	..	..	..	..	..

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bogra	..	..	..	..	..	..	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..	..	..
Chhor	..	..	..	..	..	..	..	..	..	..	..
Chittagong	16 01	19 01	..	..	..	..	..	..	..	..	..
Cox's Bazar	..	..	..	..	..	..	..	..	..	..	..
Dacca	..	..	..	..	..	..	..	..	..	..	..
Dalbandin	..	..	25 05	20 06	35 06	34 14	33 08	28 14	29 15	28 17	..
D. I. Khan	..	..	..	..	..	..	..	..	..	..	..
Drigh	..	..	..	..	04 05	07 08	21 11	21 15	21 13	..	..
Fort Sandeman	..	..	..	..	20 02	18 09	18 15	24 11	25 13	27 45	27 1
Jacobabad	19 08	18 06	19 06	19 06	21 02	06 03	06 04	08 06	01 10	01 09	29 33
Jessore	..	..	..	..	..	..	..	..	..	..	..
Jhelum	04 01	22 05	24 04	26 04	25 06	28 04	30 07	36 05	21 06	28 06	36 05
Jiwani	12 06	08 09	08 15	08 15	..	..	..	..	..	..	..
Karachi	28 18	29 17	35 09	01 07	36 08	03 17	01 10	31 08	30 12	31 18	30 18
Khanpur	25 07	25 06	25 04	20 02	15 02	09 09	08 08	19 06	27 14	26 23	..
Lahore	32 03	28 06	28 09	29 10	29 08	30 05	02 10	23 10	25 14	24 20	24 50
Multan	26 06	23 11	32 12	22 [illegible]	24 08	21 04	14 09	25 08	24 09	27 46	26 46
Muscat	..	..	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..	..	..
Peshawar	..	..	..	..	..	..	..	..	..	..	..
Quetta	..	..	..	..	20 03	25 05	25 05	28 15	29 23	..	..
Sharjah	..	..	..	..	..	..	..	..	..	..	..
Sylhet	..	..	..	..	..	..	..	..	..	..	..
Veraval	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	..																	
Dacca	..																	
Karachi	29 27	36 27	05 08	05 08	36 12	05 12	01 15	32 10	30 11	27 15	27 23	27 17	28 12	25 14	22 15	20 17		
Peshawar	..																	
Quetta	..																	

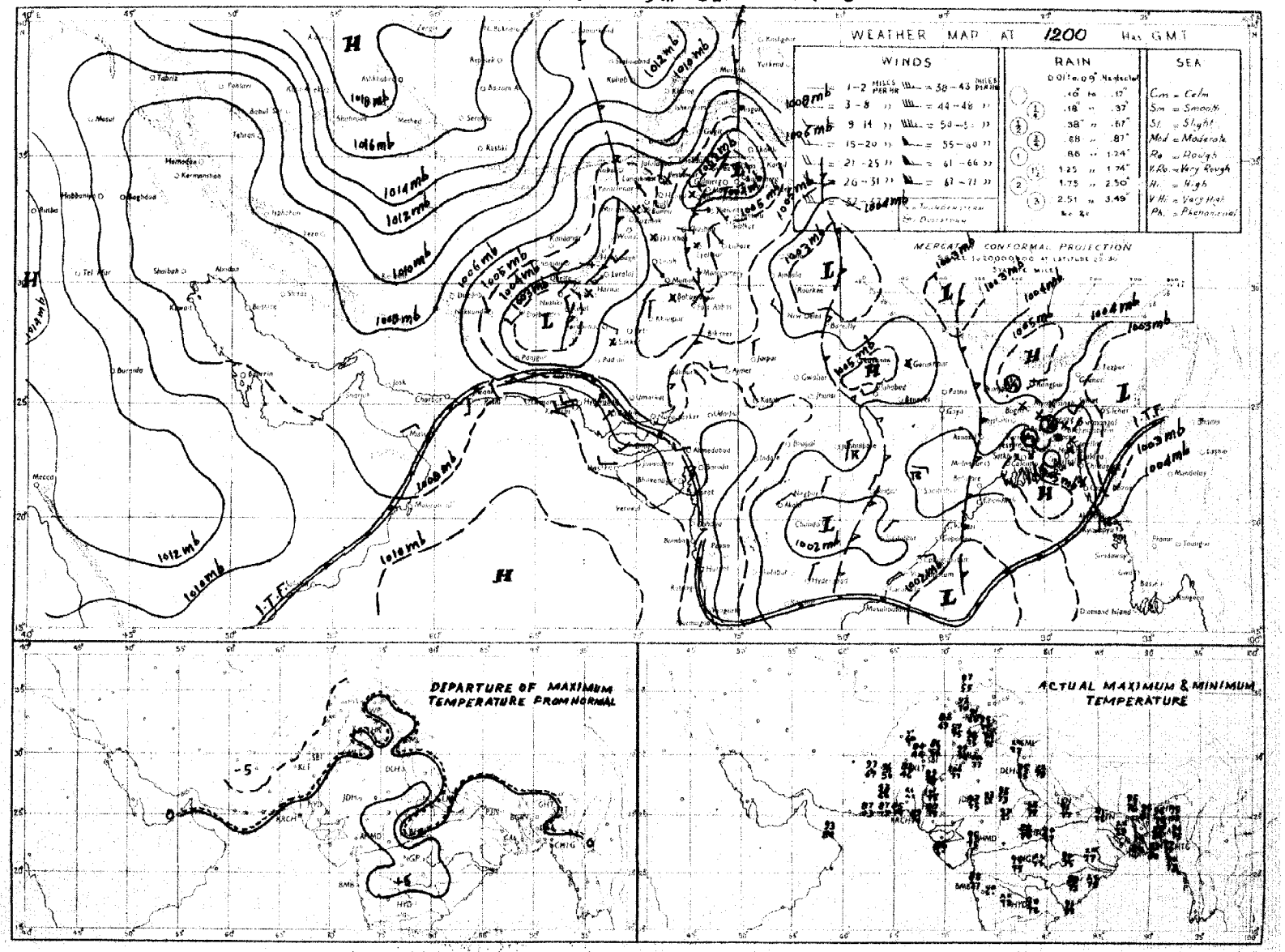
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

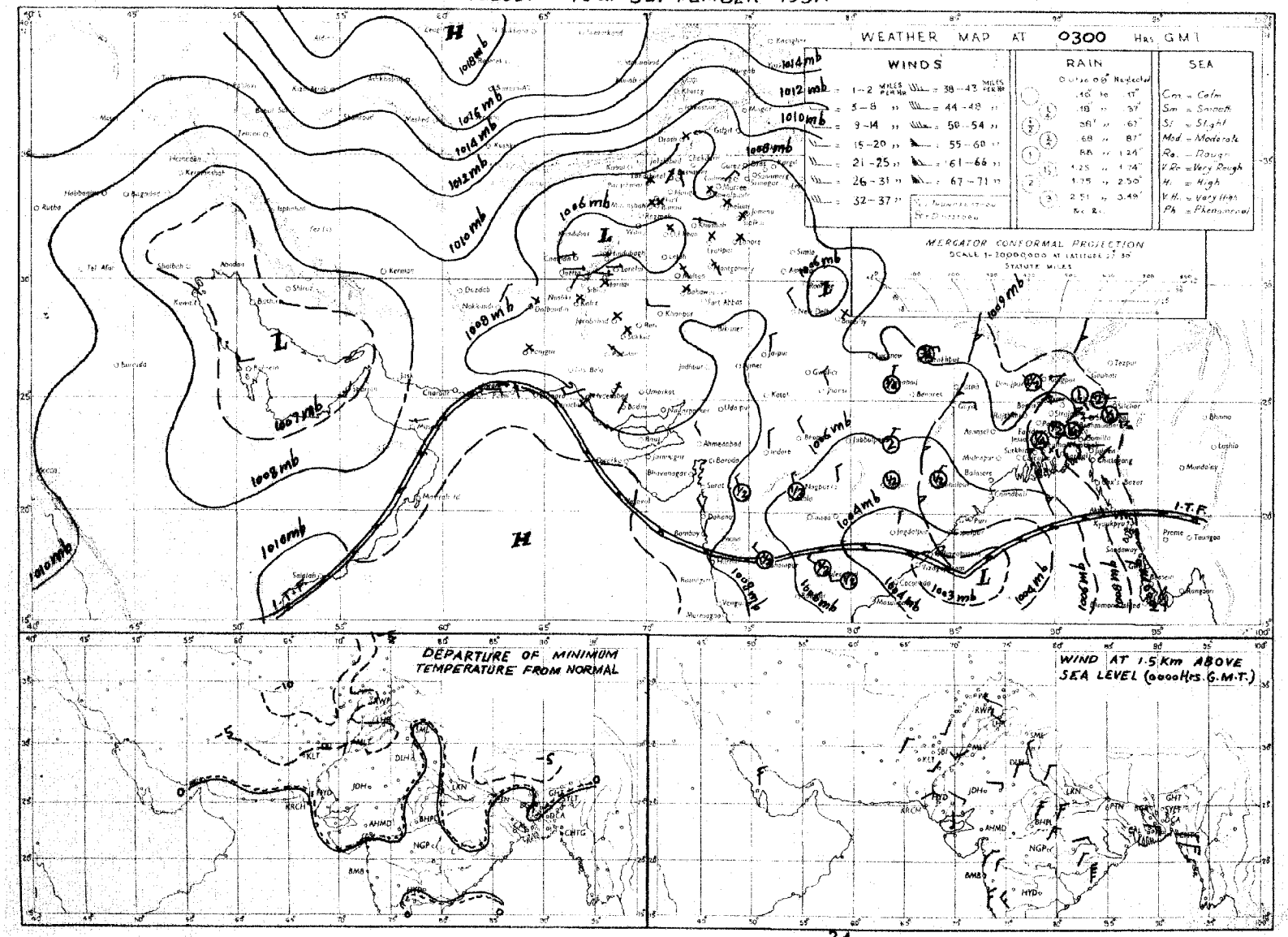
MONDAY 9th SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 10th SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

WEDNESDAY, THE 11th SEPTEMBER, 1957.

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

Yesterday's well marked trough of low in West Central Bay of Bengal concentrated into a depression last evening centred at 10,1200 G.M.T. within half degree of latitude 16°N and longitude 86°E. It moved northwestwards, crossed coast and is centred at 11,0300 GMT about 90 miles west of Gopalpur, likely continue move northwestwards and weaken.

Thunderstorms/showers have been local in East Pakistan.

A low pressure wave moving eastwards from Peshawar division caused scattered thunderstorms/shower in Peshawar division.

Chief amounts of rainfall are:—Satkhira 1¼"; Srimangal and Khulna 1" each; Comilla and Jessore ¾" each; Cherat ½" and Sylhet and Mymensingh ¼" each.

Day temperatures were 2-4°F above normal in Lahore division and in East Pakistan and were 3-6°F below normal in Peshawar, D. I. Khan, Quetta and Kalat divisions.

Forecast valid until the evening of 12th:—Fairly widespread rain will fall in East Pakistan. Scattered thunderstorms/showers will occur in Lahore and Rawalpindi divisions.

Karachi-11.
The 11th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	DryBulb Temperature°F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	6	5	16	03	96	02	6	060	84	4	9	6	1	1	75	91
	Chittagong	013	4	8	18	05	96	21	9	047	82	5	3	4	2	×	79	90
	Maijdee Court	000	6	8	00	00	96	03	2	044	84	8	0	9	4	×	78	91
	Comilla	076	3	5	00	00	97	03	9	044	82	3	2	5	6	0	79	94
	Brahmanbaria	000	0	8	00	00	97	97	2	048	82	8	7	4	×	×	78	92
	Sylhet	000	0	3	00	00	97	01	1	039	86	1	4	6	3	1	79	92
	Srimangal	030	0	2	00	00	97	03	1	041	86	2	1	6	0	0	81	92
Dacca	Mymensingh	007	8	4	00	00	59	02	9	045	88	2	2	4	0	4	77	89
	Narayanganj	000	9	8	20	02	95	03	2	041	83	7	5	5	3	×	77	93
	Dacca (Tezgaon)	000	2	7	23	02	98	02	6	039	82	2	3	5	7	2	75	92
	Faridpur	000	8	8	20	02	96	02	2	047	81	6	4	7	1	×	75	90
	Barisal	000	4	8	16	01	95	03	9	044	86	6	7	9	4	×	77	92
Rajshahi	Khulna	092	5	8	00	00	97	01	6	042	81	8	5	7	×	×	79	90
	Satkhira	135	4	8	00	00	96	03	6	044	80	×	×	6	×	×	79	91
	Jessore	076	5	8	13	05	96	03	6	047	82	8	4	5	×	×	79	87
	Sirajganj	000	0	8	13	02	95	00	0	039	85	6	6	5	0	1	79	89
	Bogra	000	0	0	00	00	96	00	1	038	93	0	0	9	0	0	77	95
	Dinajpur	012	2	4	00	00	96	60	2	053	85	0	0	9	2	0	79	92
	Rangpur	000	0	5	09	02	96	03	0	×××	88	3	5	6	2	0	81	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	97	02	0	032	97	0	0	9	0	0	67	98
	Sialkot	000	0	0	31	02	97	00	0	019	95	0	0	9	0	0	64	98
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	020	93	0	0	9	0	0	70	95
	Rawalpindi	000	0	2	18	02	98	00	0	023	91	2	0	9	2	0	57	94
	Khushab	000	0	3	13	05	98	03	1	025	97	3	9	6	0	0	56	00
Multan	Lyallpur	000	0	0	16	02	96	00	0	029	98	0	0	9	0	0	62	01
	Montgomery	000	0	0	13	02	97	00	1	026	98	0	0	9	0	0	63	01
	Multan	000	0	1	13	02	96	01	1	022	98	0	0	9	0	1	56	98
Bahawalpur	Leiah																	
	Khanpur	000	0	0	25	03	96	00	0	030	01	0	0	9	0	0	76	02
	Bahawalpur	000	0	4	00	00	97	02	0	037	98	4	0	9	2	3	73	01
	Fort Abbas																	
Peshawar	Chakdara	000	0	6	00	00	98	03	1	001	89	6	0	9	6	6	60	93
	Peshawar	000	2	7	23	22	97	17	9	023	88	4	3	6	4	×	60	95
	Haripur	000	5	1	31	02	97	01	0	028	91	1	2	6	0	0	80	95
	Campbellpur	000	2	2	05	02	98	03	1	034	93	2	0	8	2	0	58	93
D.I. Khan	Bannu	000	3	6	05	03	97	03	1	028	89	6	0	9	4	0	59	95
	D.I. Khan	000	0	0	00	00	98	00	0	027	98	0	0	9	0	0	68	99
Quetta	Sibi	000	0	0	00	00	98	00	0	008	05	0	0	9	0	0	72	06
Kalat	Nokkundi	000	0	0	34	09	98	02	0	037	92	0	0	9	0	0	77	94
	Turbat	000	0	0	23	02	97	00	0	044	91	0	0	9	0	0	82	10
	Siwani	000	0	0	18	05	97	02	1	045	84	0	0	9	0	0	75	86
	Pasni	000	0	0	23	19	96	00	0	055	84	0	0	9	0	0	75	88
	Ormara	000	0	0	××	××	98	00	0	054	85	0	0	9	0	0	84	85
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	98	01	0	045	84	2	6	4	0	0	80	86
	Karachi (Air port)	000	0	8	28	07	97	01	0	043	84	0	0	9	0	0	76	91
	Badin	000	0	0	23	02	97	00	0	041	94	0	0	9	0	0	67	96
	Nagarparker	×××	×	0	16	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	7	31	01	97	02	0	013	97	0	0	9	0	1	66	99
	Hyderabad	000	0	1	16	03	97	03	0	033	95	1	1	6	0	0	63	97
Khairpur	Pad-i-dan	000	0	1	18	05	98	03	0	030	99	1	1	7	0	0	54	01
	Nawabshah																	
	Sukkur	030	3	1	00	00	96	01	0	023	00	0	0	9	0	0	69	02
	Kashmore																	
	Jacobabad	000	0	0	13	05	97	02	0	031	98	0	0	9	0	0	68	06
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	36	02	99	00	0	051	87	0	0	9	0	0	79	88
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	6	00	00	98	01	1	104	56	0	0	9	0	0	18	62
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	29	03	98	00	0	468	68	0	0	9	0	0	51	71
Peshawar	Drosh *	000	0	5	27	07	96	01	0	476	74	5	2	6	0	0	39	84
	Cherat *	000	1	6	23	02	96	03	0	478	78	6	0	9	2	0	59	84
	Kakul *	000	0	0	18	02	99	00	0	475	80	0	0	9	0	0	55	83
	Landi Kotal *	003	9	7	20	03	97	03	9	465	75	7	0	9	2	0	37	84
D.I. Khan	Parachinar *	000	0	0	36	03	99	00	0	793	58	0	0	9	0	0	46	××
	Miranshah *	000	0	6	00	00	98	00	0	498	77	0	0	8	7	7	55	87
	Wana *																	
Quetta	Fort Sandeman *	000	0	6	23	02	97	03	1	457	88	6	2	6	0	0	77	90
	Hindubagh *	000	0	0	27	02	98	00	0	449	83	0	0	9	0	0	45	85
	Loralai *	000	0	5	13	02	98	02	1	447	82	0	0	9	0	0	41	88
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	1	23	02	98	01	0	447	84	0	2	8	0	0	62	85
	Chaman *	000	0	0	20	03	98	00	0	475	85	0	0	9	0	0	59	88
Kalat	Kalat *	000	0	0	34	09	98	00	0	466	75	0	0	9	0	0	31	81
	Nushki *	000	0	0	31	06	96	00	0	524	92	0	0	9	0	0	25	93
	Dalbandin *	000	0	0	27	05	97	02	0	480	94	0	0	9	0	0	31	95
	Panjgur *	000	0	0	31	03	98	00	0	480	89	0	0	9	0	0	26	90
Afghanistan	Kabul *	000	0	3	36	02	99	03	0	511	75	3	4	9	0	0	51	80
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature°F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	0	2	11	03	96	01	0	093	88	1	8	7	0	1	75	76	+5	0	102.8	+1.4	113.7	140
	Chittagong	013	0	0	16	05	97	00	0	093	86	0	0	9	0	0	75	77	+3	0	65.3	-5.4	72.7	108
	Maijdee Court	000	9	0	13	02	98	00	0	092	85	0	0	9	0	0	76	79	+5	+1	55.1	-10.2	65.0	115
	Comilla	076	9	3	13	02	98	03	9	094	87	3	7	6	0	0	77	79	+6	+2	43.3	-13.2	55.1	94
	Brahmanbaria	024	4	4	09	07	97	03	6	101	83	4	0	9	4	0	77	78	—	—	36.0	—	52.5	78
	Sylhet	024	8	4	02	01	96	02	5	092	83	3	4	6	7	0	77	76	—	—	64.6	—	115.2	..
	Srimangal	105	9	6	00	00	97	91	9	105	78	6	4	6	0	0	76	75	+1	0	59.3	+7.0	85.9	98
Dacca	Mymensingh	022	9	6	13	02	98	02	6	105	84	4	4	4	0	4	78	74	+1	-4	47.2	-6.9	61.3	81
	Narayanganj	000	9	7	09	05	96	03	2	097	88	6	4	5	0	1	77	81	+4	+2	42.5	-0.3	58.2	74
	Dacca (Tezgaon)	000	9	7	09	05	96	03	2	090	85	5	8	4	0	1	79	77	—	—	43.9	—	58.9	
	Faridpur	000	9	4	16	02	96	02	0	086	86	3	5	7	1	0	77	77	+2	-2	37.4	-4.2	49.5	71
	Barisal	000	4	6	09	03	96	03	4	085	89	6	0	9	6	0	79	80	+4	+1	38.2	-11.9	55.3	81
Rajshahi	Khulna	092	0	7	13	02	97	01	2	084	87	7	4	7	0	0	79	78	+5	+1	37.7	-6.1	54.7	68
	Satkhira	135	0	8	05	03	97	03	2	079	86	8	7	7	×	×	79	76	+2	-1	34.3	-6.4	50.1	65
	Jessore	076	0	6	09	05	97	02	2	080	86	4	8	6	6	0	79	78	—	—	36.4	-2.3	39.7	65
	Sirajganj	000	0	2	09	02	97	02	0	095	85	0	0	9	0	1	78	75	+1	-3	53.3	+14.1	63.0	64
	Bogra	000	0	0	09	02	97	00	0	086	87	0	0	9	0	0	79	80	+6	+2	53.8	+10.6	64.2	69
	Dinajpur	012	0	0	00	00	96	02	2	103	88	0	0	9	0	0	77	74	+3	-4	41.2	-6.5	44.4	72
	Rangpur	000	0	4	13	02	96	01	1	×××	82	3	4	6	2	0	79	78	+3	+1	44.3	-9.1	53.1	84
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	078	87	0	0	9	0	0	72	75	+1	+1	16.7	+3.1	25.4	19
	Sialkot	000	0	0	05	02	97	00	0	075	81	0	0	9	0	0	78	76	+3	+1	21.9	+0.2	45.1	32
Rawalpindi	Jhelum	000	0	0	00	00	96	05	0	085	81	0	0	9	0	0	65	70	—	—	16.7	—	27.3	
	Rawalpindi	000	0	0	00	00	99	00	1	091	75	0	0	9	0	0	63	63	0	-7	14.4	-7.1	30.3	18
	Khushab	000	0	0	07	03	97	00	1	081	85	0	0	9	0	0	59	75	0	-3	8.2	-1.3	17.0	13
Multan	Lyallpur	000	0	0	00	00	96	00	0	074	85	0	0	9	0	0	70	76	+4	0	10.1	+1.5	16.2	12
	Montgomery	000	0	0	13	02	98	00	0	062	83	0	0	5	0	0	69	73	0	-4	6.4	-0.1	10.2	10
	Multan	000	0	4	23	02	96	01	0	065	79	1	1	7	1	1	70	75	-1	-4	0.7	-3.9	4.1	7
Bahawalpur	Leiah																							8
	Khanpur	000	0	0	31	03	96	00	0	068	84	0	0	9	0	0	75	77	-1	+2	0.2	-4.5	1.2	6
	Bahawalpur	000	0	1	00	00	97	02	0	073	87	0	0	9	0	2	71	74	0	0	1.3	-2.9	2.5	6
	Fort Abbas	000	0	0	27	03	97	00	0	065	96	0	0	9	0	0	61	81	—		2.8	—	5.8	8
Peshawar	Chakdara	000	0	0	××	××	97	00	0	083	71	0	0	9	0	0	53	50	—	—	2.7	—	17.5	
	Peshawar	000	9	2	18	02	98	02	9	005	74	2	3	6	0	0	55	68	-1	-4	1.8	-2.1	12.9	14
	Haripur	000	3	4	23	02	97	03	1	072	80	4	4	7	0	0	74	68	—	—	7.9	—	21.9	..
	Campbellpur	000	0	4	18	02	98	03	1	092	73	4	3	6	0	0	63	68	—	—	5.7	—	21.4	..
D.I. Khan	Bannu	000	0	0	27	02	99	00	0	077	78	0	0	9	0	0	64	70	—	—	2.4	—	9.5	11
	D.I. Khan	000	0	0	00	00	98	00	0	059	83	0	0	9	0	0	69	73	-2	-4	2.3	-2.9	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	064	84	0	0	9	0	0	69	84	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	34	02	99	00	0	097	72	0	0	9	0	0	21	69	—	—	0	—	1.9	2
	Turbat	000	0	0	09	02	98	00	0	081	92	0	0	9	0	0	79	84	—	—	2.5	—	5.9	[illegible]
	Siwani	000	0	3	16	05	97	03	0	083	78	3	6	4	0	0	74	73	—	—	0	—	3.1	4
	Pasni	000	0	0	07	02	96	00	0	099	75	0	0	9	0	0	74	73	-2	0	0	-0.9	6.2	6
	Ormara	000	0	0	00	00	98	00	0	097	77	0	0	9	0	0	75	72	—	—	0	-0.8	3.8	6
	Las Bela	000	0	0	00	03	99	00	0	068	76	0	0	9	0	0	79	72	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	29	05	97	02	0	078	79	0	0	9	0	0	76	78	+1	+1	0.6	-5.2	1.1	8
	Karachi (Air port)	000	0	0	00	00	97	02	0	077	79	0	0	9	0	0	74	75	—	—	0.9	—	1.4	
	Badin	000	0	0	23	02	96	00	0	084	79	0	0	9	0	0	73	××	+2	—	3.6	-3.4	3.6	9
	Nagarparker	×××	×	0	18	02	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	—	—	—	
	Umarkot	000	0	0	31	01	97	00	0	069	79	0	0	9	0	0	73	75	—	—	4.7	—	4.7	
	Hyderabad	000	0	0	00	00	97	02	0	072	80	0	0	9	0	0	71	××	0	×	0.9	-4.7	2.8	7
Khairpur	Pad-i-dan	000	0	0	00	00	98	02	0	065	83	0	0	9	0	0	68	73	—	—	0.1	—	1.4	
	Nawabshah	000	0	0	23	02	97	02	0	072	83	0	0	9	0	0	69	74	—	—	0.1	—	0.6	
	Sukkur	000	9	0	00	00	96	00	0	056	82	0	0	9	0	0	72	79	—	—	0.1	—	2.9	4
	Kashmore	000	0	0	27	01	99	00	0	068	93	0	0	9	0	0	61	75		—	—	—	—	
	Jacobabad	000	0	0	09	03	96	02	0	063	85	0	0	9	0	0	69	77	+3	-1	0	-2.2	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat	000	0	0	00	03	99	00	0	058	84	0	0	9	0	0	80	83	-2	0	0	-0.1	6.9	4
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							[illegible]
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																		—					..
	Aliabad *																							..
	Gilgit *																							5
Rawalpindi	Murree *	000	4	2	29	03	98	02	1	502	65	2	1	4	0	0	47	52	+1	-6	23.4	-9.3	57.1	59
Peshawar	Drosh *	000	0	0	00	00	96	02	0	535	62	0	0	9	0	0	40	59	-6	-6	2.0	—	24.1	18
	Cherat *	038	3	7	18	02	97	01	9	493	60	7	3	6	0	0	52	60	+1	-6	4.3	-6.8	25.0	29
	Kakul *	030	9	1	31	02	96	01	1	506	71	1	3	7	0	0	55	63	—	—	14.2	—	[illegible]	..
	Landi Kotal *	000	9	0	00	00	98	00	0	493	72	0	0	9	0	0	44	57	—	—	1.0	—	15.2	..
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	793	58	0	0	9	0	0	46	××	—	—	6.7	—	25.0	29
	Miranshah *	000	0	0	00	00	99	00	0	517	74	0	0	9	0	0	49	65	—	—	3.1	-0.9	15.4	13
	Wana *	000	0	0	00	00	97	00	0	467	72	0	0	9	0	0	49	61	—	—	1.4	—	13.5	
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	507	72	0	0	9	0	0	55	59	-4	-8	2.4	-2.4	12.9	11
	Hindubagh *	000	0	0	00	00	98	00	0	505	62	0	0	9	0	0	39	57	—	—	0	—	12.3	..
	Loralai *	000	0	0	23	02	98	00	0	488	64	0	0	9	0	0	40	57	—	—	1.9	—	10.7	..
	Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	-5.1	14.3	14
	Quetta *	000	0	0	00	00	96	00	0	490	58	0	0	9	0	0	45	44	—	—	0	-1.0	9.5	9
	Chaman *	000	0	0	20	02	97	00	0	532	65	0		9	0	0	52	60	-5	-4	0	-0.1	10.2	8
Kalat	Kalat *	000	0	0	20	03	98	00	0	506	58	0	0	9	0	0	23	47	-4	-2	0	-1.2	6.4	7
	Nushki *	000	0	0	05	05	97	00	0	533	70	0	0	9	0	0	38	67	—	—	0	—	8.0	
	Dalbandin *	000	0	0	00	00	95	05	0	473	61	0	0	9	0	0	29	55	-6	-9	0	-0.3	4.4	4
	Panjgur *	000	0	0	00	00	98	00	0	489	68	0	0	9	0	0	38	60	-6	-7	0	—	4.2	5
Afghanistan	Kabul *	000	0	0	00	00	99	00	0	575	51	0	0	9	0	0	44	47	—	—	—	—	—	12
	Kandahar *																							..

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 11th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C h_s h_s	O T_wT_w T_dT_d	$I_{dw} d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Fujisammaru	33 188	657 00	1 29 12	96 02 0	065 25	11 5 00	7 6 805	0 5 421	..	..
Asamanaru	33 184	629 00	3 27 18	98 02 1	140 28	43 5 01	6 6 005	..	..	..
Yuhomaru	33 475	680 00	1 28 08	98 02 1	100 26	11 5 00	3,5 620	0 5 424		..
Caledonia	33 193	594 00	4 18 09	98 02 0	003 75	41 4 00	1,6 085	0 5 d72	1 18 x1	..
Victoria	33 222	634 12	0 24 10	98 00 0	050 25	00 9 00	1 6 100	0 0 024	1 24 x1	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	006 252 252	077 252 232	..	450 218 165	..	170 142 018	450 048 535	921 505 638	687 575 745	986 745	276 828	466 890	737 980
Lahore ..														
Multan ..														
Peshawar ..	00 00	965 222 155	..	..	400 202 122	..	063 112 055	323 012 512	762 605 625	446 692 999	952 830	233 998	..	..
Quetta ..	00 00	830 722 038	Miada											

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 222 188	800 202 135	350 620 999	250 790 999	..	..	..	..	..	250 790 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 222 135	800 185 105	350 752 999	250 868 999	188 945 999	..	..	..	..	188 945 999	..	..
Quetta ..	00 00	Miada											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of °C.)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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 ..	14 07	14 10	13 10	13 08	15 09	13 13	13 10	15 04	12 06	15 06	16 10	16 13	15 17	12 12	..	11 05	..	..	..	..	..	..	..	..	..	..
Chaklala ..	..	26 06	25 04	27 05	28 07	33 03	25 10	26 04	28 06	..	09 07	10 08	31 01	25 04	28 09	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	27 06	26 06	23 05	13 06	11 09	13 09	..	..	..	24 11	22 06	17 07	13 13	14 11	17 12	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	20 15	20 15	18 19	16 17	15 15	..	..	..	..	14 13	14 13	16 20	15 26	14 22	..	14 10	15 09	15 11	15 09							
Cox's Bazar ..	16 17	16 13	15 17	14 21	14 22	13 20	..	..	..	15 20	15 19	15 17	15 12	15 13	14 06	15 09	14 15	14 17	14 15	12 12	15 09	17 09	09 04	11 09	13 12	12 16
Dacca ..	17 17	16 15	16 17	14 17	12 13	14 17	14 13	13 11	10 11	14 10	15 12	15 15	11 16	12 15	14 10	13 14	14 14	15 16	14 14							
Dalbandin ..	..	..	27 14	25 11	22 03	22 05	30 06	28 09	30 25	..	..	24 09	07 01	30 04	34 10	..	..	26 04	21 09	20 12	23 03	24 11	25 14	27 18	27 28	27 33
D. I. Khan ..	..	..	..									..				..	..	..	..							
Drosh ..	..	..	..	22 08	19 08	16 08	22 08	28 09	..	..	..	..	07 10	04 10	04 14	..	..	..	..	02 10	03 09	17 06	16 11	19 08	26 08	26 23
Port Sandeman ..	..	..	..	26 13	25 05	26 07	20 09	28 12	28 15	..	..	..	17 05	20 05	24 07				35 03	07 02	02 04	18 04	16 13	16 19	20 15	25 32
Sukkur ..	16 10	18 10	17 06	17 04	09 06	24 03	24 03	30 07	29 13	21 22	20 17	20 15	18 14	15 12		22 08	21 01	20 10	20 09	15 11	16 12	11 16	21 13	21 10	25 10	27 27
Jacobabad ..																										
Jiwani ..	19 03	26 03	29 05	31 08	30 09	31 05	27 06	25 10	..	01 03	24 02	27 01	29 07	25 08	28 07	11 01	18 02	20 02	28 06	32 08	33 13	30 06	23 04	19 10	24 18	24 54
Multan ..	16 09	13 08	13 05	34 08	32 09	36 21	01 19	02 16	..	04 06	22 18	01 14	05 07	05 07	..	11 03	07 03	07 06	05 08	31 01	32 11	01 19	33 17	33 17	32 19	28 22
Peshawar ..	23 14	21 09	21 04	34 04	01 13	02 22	36 19	32 16	32 12	29 11	28 08	20 06	36 10	03 09	03 19	27 04	25 04	13 05	09 05	07 07	04 13	08 06	18 01	27 05	26 18	24 24
Khanpur ..	24 04	21 03	19 04	16 04	12 01	03 03	25 10	26 19	22 23	28 20	26 23	25 21	25 10	16 04	16 06	32 05	32 06	32 09	28 07	18 06	19 04	08 04	22 06	27 14	..	..
Lahore ..	34 05	34 05	27 04	30 08	29 11	33 09	04 06	30 10	23 10	19 07	15 10	20 06	02 05	30 02	31 06	31 03	23 04	29 03	31 02	34 07	01 10	01 08	21 11	22 13	3 20	14 54
Multan ..	24 07	22 01	18 09	17 08	19 03	28 02	13 03	29 13	27 47	24 09	23 06	22 09	22 17	20 16	22 26	35 09	31 05	26 03	22 03	17 01	21 01	09 11	21 09	21 10	27 24	25 41
Muscat ..	..	..	..				..	..	..				..	..	..							..	..			..
Panjgur ..	..	..	..				..	..	..	..	09 07	10 07	31 01	35 04	28 09	..	14 08	16 08	20 12	09 12	15 07	..	..			..
Peshawar ..	..	22 25	22 21	18 09	28 13	20 08	..	..	..	..	..	..	21 04	22 06	22 17	..	..	..	..	20 08	16 07	17 16	22 09	26 17	26 38	26 42
Quetta ..	..	..	..	..	26 10	28 15	26 08	23 05	18 03	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sharjah ..																				..	..	..	..	..	..	..
Sylhet ..	09 01	21 03	18 06	16 08	18 10	13 06	10 05	10 07	10 04	01 05	02 01	52 06	34 07	31 01	04 01	08 02	07 02	11 05	14 06	..	..	..	..	..	..	..
Varaval ..																				..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	28 08	28 05	27 04	32 09	36 08	03 18	35 08	35 04	31 13	28 17	25 17	24 21	21 23	22 22	25 14			
Peshawar ..	—	36 08	02 08	08 03	25 04	25 11	25 04	25 02	26 06	26 13	25 32	24 46	25 61	..	..			
Quetta ..																		

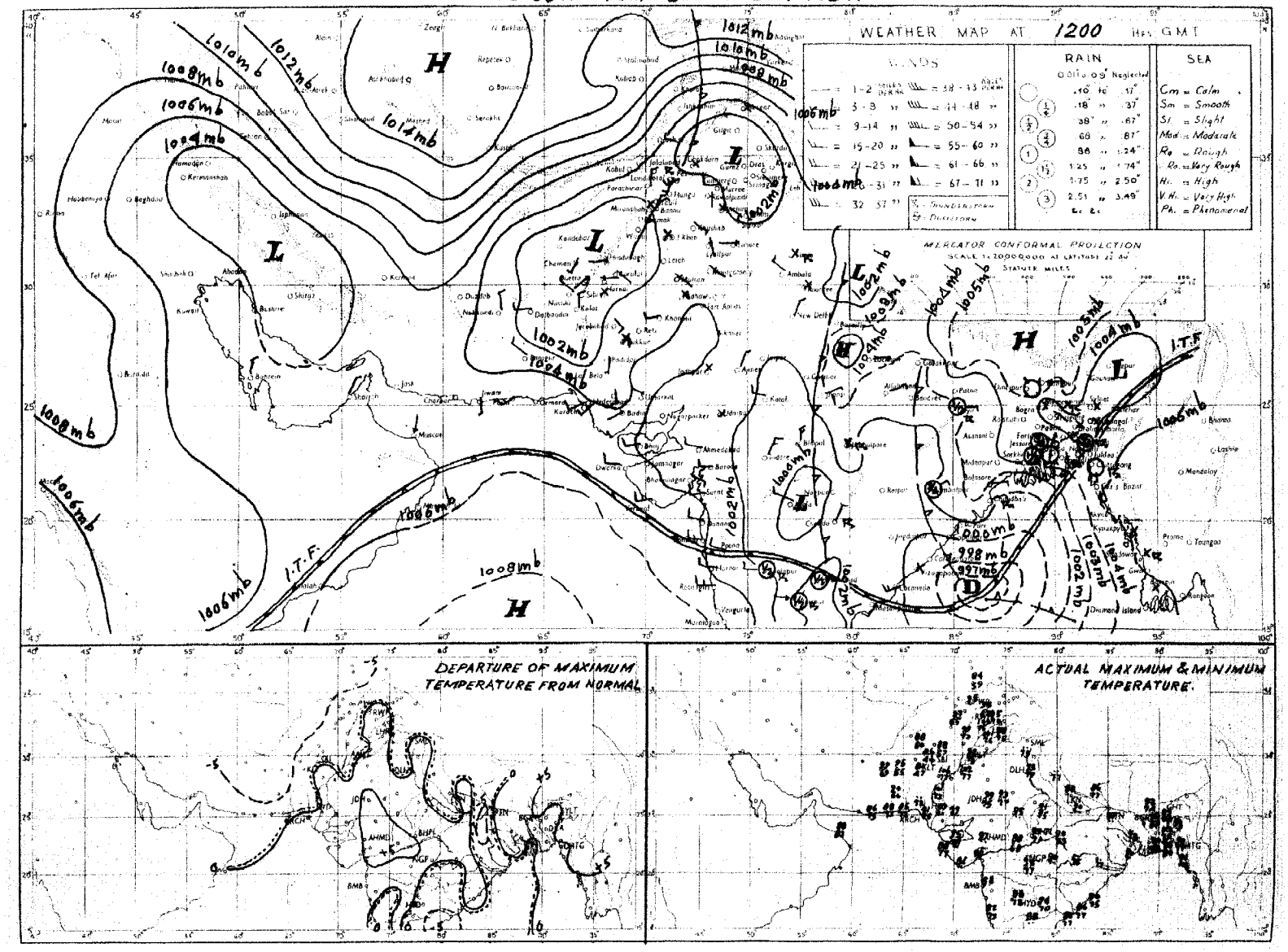
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

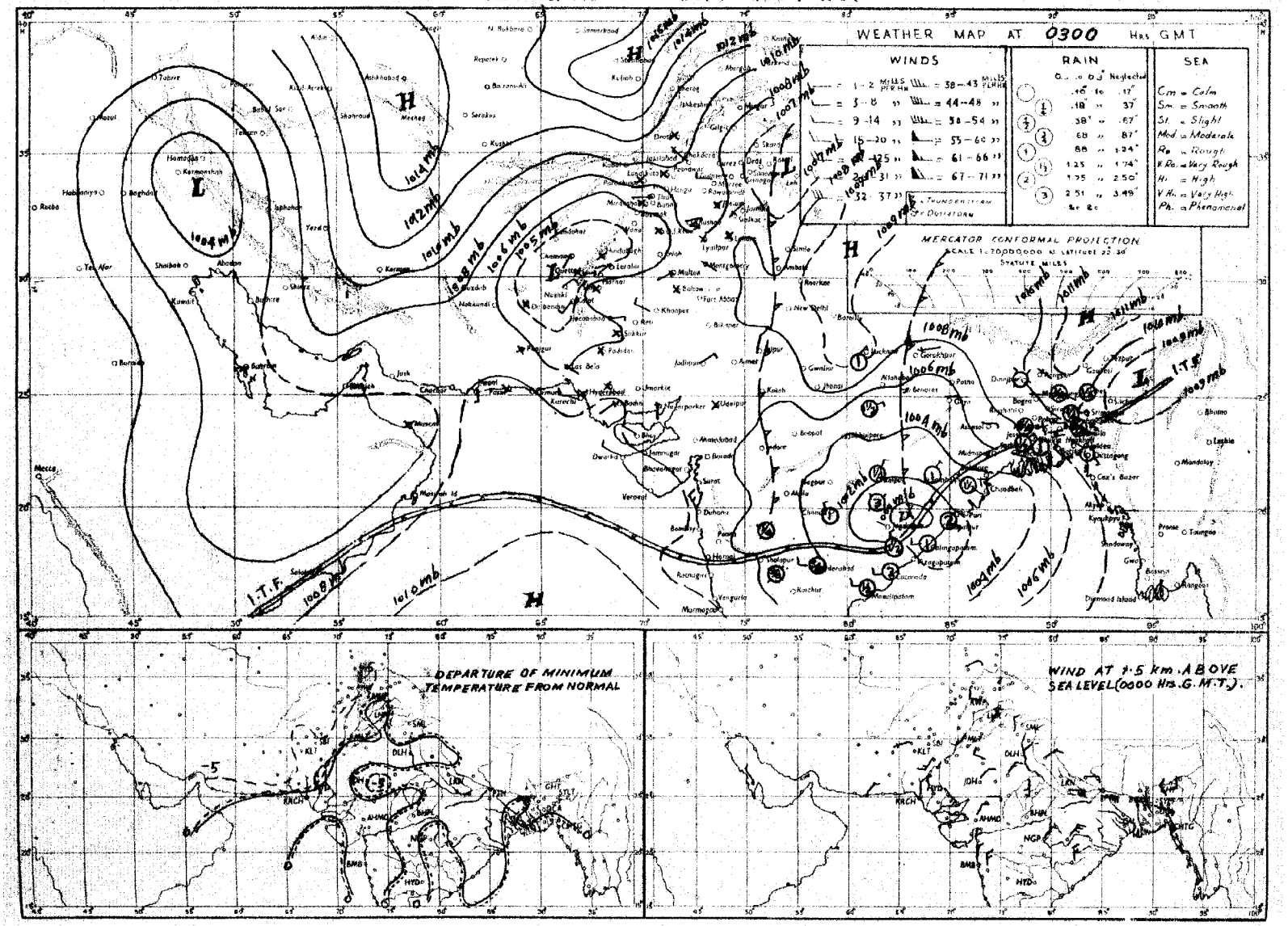
TUESDAY 10th: SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11th. SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

THURSDAY, THE 12th SEPTEMBER, 1957.

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

Yesterday's depression is centred at 12,0300 G.M.T. about 70 miles eastsoutheast of Nagpur. It is likely to move northwestwards.

Local rain has fallen in Rajshahi division and scattered elsewhere over East Pakistan. Scattered thundershowers have also been reported from Peshawar division and isolated thunderstorm from Multan division.

Chief amounts of rainfall are:—Khulna 1"; Srimangal ¾"; Barisal and Satkhira ½" each and Rangpur ¼".

Day temperatures were 3-7°F below normal in Quetta and Kalat division and were 3-5°F above normal in Hyderabad division and in East Pakistan.

Forecast valid until the evening of 13th:—Rain/thundershowers will be local in East Pakistan and scattered in Quetta, D. I. Khan, Peshawar and Rawalpindi divisions and in Kashmir.

Karachi-11.
The 12th September, 1957.

K. U. SIDDIQI.
for Director. Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	4	18	09	96	03	0	078	84	2	3	7	0	1	75	93
	Chittagong	000	0	6	23	09	96	02	2	075	85	4	3	6	2	0	76	91
	Maijdee Court	000	9	0	00	00	98	00	0	075	86	0	0	9	0	0	74	90
	Comilla	000	0	2	18	02	98	03	0	076	86	0	0	9	7	0	86	92
	~~Brahmanbaria~~	000	0	4	00	00	97	03	2	073	85	4	4	5	0	0	79	92
	Sylhet	000	0	2	27	02	97	02	0	064	85	2	3	6	0	1	79	92
	Srimangal	000	0	1	23	14	97	16	2	071	84	7	5	6	0	0	75	93
Dacca	Mymensingh	000	0	2	00	00	98	01	1	072	89	0	0	9	0	4	76	91
	Narayanganj	000	9	7	18	02	95	03	2	075	88	2	1	6	7	0	77	92
	Dacca (Tezgaon)	000	9	7	18	07	98	03	2	069	87	1	1	5	3	1	75	90
	Faridpur	000	8	5	18	05	96	02	2	075	84	4	4	7	1	0	77	87
	Barisal	040	4	4	00	00	95	03	6	078	80	4	0	9	6	0	77	90
Rajshahi	Khulna	112	2	8	13	03	96	03	6	082	78	8	5	5	×	×	77	90
	Satkhira	040	2	8	00	00	96	02	2	069	79	0	×	6	0	0	××	90
	Jessore	016	3	8	18	02	94	03	6	071	79	8	4	5	×	×	78	90
	Sirajganj	000	0	2	00	00	96	00	0	068	86	2	1	6	0	0	79	91
	Bogra	000	0	0	00	00	96	00	0	063	90	0	0	9	0	0	77	92
	Dinajpur	000	6	3	00	00	96	01	1	070	87	2	5	7	0	1	79	92
	Rangpur	000	0	4	11	02	96	01	1	×××	89	2	4	6	2	0	84	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	03	0	045	94	1	8	7	0	0	70	97
	Sialkot	000	0	0	31	02	97	00	0	034	95	0	0	9	0	0	66	97
Rawalpindi	Jhelum	000	0	1	31	03	96	02	0	037	95	1	1	8	0	0	53	98
	Rawalpindi	000	0	2	20	02	99	02	0	034	90	2	8	9	2	0	53	94
	Khushab																	
Multan	Lyallpur	000	3	6	00	00	96	02	9	050	90	0	0	9	0	5	59	00
	Montgomery	000	0	3	05	05	96	01	0	043	96	3	3	7	0	0	61	03
	Multan	000	0	0	13	02	96	00	0	039	02	0	0	9	0	0	60	05
Bahawalpur	Leiah																	
	Khanpur	000	0	0	36	03	96	00	0	035	00	0	0	9	0	0	76	02
	Bahawalpur	000	0	3	00	00	97	02	0	047	97	0	0	9	0	7	78	01
	Fort Abbas	000	0	3	05	02	97	03	0	021	59	3	1	6	0	0	68	05
Peshawar	~~Chakdara~~	000	0	1	××	××	98	01	1	001	91	1	3	7	0	0	61	93
	Peshawar	010	7	4	09	02	98	03	9	049	90	1	2	6	3	0	59	94
	Haripur	000	5	1	13	02	97	02	0	036	91	1	1	6	0	0	80	94
	Campbellpur	000	0	3	36	03	98	03	1	047	93	1	2	6	0	1	67	93
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	041	94	0	0	9	0	0	63	96
	D.I. Khan	000	0	0	00	00	98	00	0	037	98	0	0	9	0	0	68	99
Quetta	Sibi	000	0	0	13	01	98	00	0	030	05	0	0	9	0	0	75	06
	Nokkundi	000	0	0	34	05	99	02	0	046	90	0	0	9	0	0	24	03
Kalat	Turbat	000	0	0	13	01	97	00	0	067	03	0	0	9	0	0	××	09
	Jiwani	000	0	0	18	09	97	00	0	051	88	0	0	9	0	0	77	××
	Pasni	000	0	0	18	12	36	00	0	069	90	0	0	9	0	0	76	90
	Ormara	000	0	0	××	××	98	00	0	069	88	0	0	9	0	0	81	89
	Las Bela	000	0	3	09	04	98	00	3	065	01	0	0	9	0	3	74	06
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	98	02	0	055	86	2	6	4	0	0	81	86
	Karachi (Air port)	000	0	1	23	09	97	03	0	052	88	1	1	6	0	0	77	93
	Badin	000	0	0	36	02	97	00	0	038	00	0	0	9	0	0	67	00
	Nagarparkar	×××	×	4	27	02	97	02	0	×××	××	4	7	7	0	0	××	××
	Umarkot	000	0	0	00	00	97	00	0	055	97	0	0	9	0	0	66	99
	Hyderabad	000	0	1	00	00	98	03	0	041	00	1	1	6	0	0	55	01
Khairpur	Pad-i-dan	000	0	2	18	02	98	03	1	040	01	2	1	7	0	0	58	03
	Nawabshah																	
	Sukkur	000	0	1	31	02	96	01	0	039	98	1	0	9	4	0	89	02
	Kashmore	000	0	2	23	03	96	02	0	048	99	0	0	9	0	2	67	01
	Jacobabad	000	0	1	13	05	97	03	0	044	99	1	1	6	0	0	62	02
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	36	02	99	00	0	059	87	0	0	9	0	0	79	89
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	8	00	00	98	01	2	080	53	8	0	9	2	×	22	58
	Aliabad *																	
Rawalpindi	Gilgit *																	
	Murree *	000	9	1	31	03	98	01	1	481	68	1	1	4	0	0	53	73
Peshawar	Drosh *	000	0	5	00	00	96	01	0	519	74	4	5	7	0	1	36	80
	~~Cherat~~ *	000	6	0	36	00	97	02	6	499	77	0	0	9	0	0	47	79
	Kakul *	000	0	1	06	03	99	02	0	486	79	0	0	9	0	1	55	82
	Landi Kotal *	000	0	4	34	02	97	03	1	487	83	4	0	9	1	0	38	85
D.I. Khan	Parachinar *	000	0	1	03	02	99	02	0	797	81	0	0	9	0	1	50	××
	Miranshah *	000	0	0	00	00	99	00	0	522	89	0	0	9	0	0	73	90
	Wana *	004	2	3	00	00	99	60	1	457	79	3	2	8	0	0	63	86
Quetta	Fort Sandeman *	000	0	6	13	05	96	03	1	478	80	6	2	6	0	0	37	90
	Hindubagh *	000	0	6	36	05	98	03	0	479	77	6	6	7	0	0	48	89
	~~Loralai~~ *	000	0	3	20	05	98	02	1	463	74	5	0	0	4	0	47	85
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	6	00	00	96	03	1	468	76	4	5	8	0	0	63	84
Kalat	Chaman *	000	0	0	29	02	98	00	0	489	85	0	0	9	0	0	71	87
	Kalat *	000	0	0	27	03	98	00	0	467	75	0	0	9	0	0	43	81
	Nushki *	000	0	0	31	09	96	00	0	543	92	0	0	9	0	0	30	92
	Dalbandin *	000	0	0	23	03	96	02	0	488	92	0	0	9	0	0	32	93
	Panjgur *	000	0	0	05	03	98	00	0	477	88	0	0	9	0	0	28	89
Afghanistan	Kabul *	000	0	3	36	02	99	03	0	544	72	3	3	9	0	0	40	80
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	000	0	4	16	03	96	01	0	107	88	3	3	6	0	1	77	77
Chittagong	000	0	2	09	02	97	01	1	107	85	2	1	7	0	0	74	78
Maijdee Court	000	0	3	00	00	98	03	0	103	86	3	1	6	0	0	76	80
Comilla	000	0	2	18	02	98	03	0	110	87	2	2	9	0	0	76	78
~~Brahmanbaria~~	000	0	2	18	02	87	03	1	105	85	2	4	5	0	0	76	79
Sylhet	000	0	4	09	05	96	01	1	106	86	4	1	6	0	0	77	72
Srimangal	087	9	1	23	02	97	02	8	108	85	1	1	7	0	0	76	75
Mymensingh	000	0	2	00	00	98	01	1	111	86	2	1	6	0	0	76	79
Narayanganj	000	9	7	11	03	96	03	2	107	90	7	4	5	0	0	78	82
Dacca (Tezgaon)	000	9	6	13	03	96	02	1	099	87	6	8	4	0	0	78	79
Faridpur	000	9	7	16	02	96	03	0	093	87	5	5	7	1	0	79	76
Barisal																	
Khulna	119	9	6	13	03	97	01	5	101	84	6	4	7	0	0	78	77
Satkhira	040	2	8	00	00	96	03	2	102	81	8	6	6	×	×	79	78
Jessore	016	0	7	13	05	97	03	2	092	84	6	4	5	6	0	80	77
Sirajganj	000	0	6	18	04	96	03	1	091	86	6	2	5	0	0	79	79
Bogra																	
Dinajpur	000	0	4	00	00	96	02	0	104	85	0	0	9	2	0	78	73
Rangpur	018	0	3	13	02	96	01	1	×××	86	3	5	6	0	0	79	77
Jammu																	
Lahore (Jail Rd.)	000	0	0	13	03	96	02	0	093	83	0	0	9	0	0	74	76
Sialkot	000	0	0	00	00	97	00	0	085	80	0	0	9	0	0	73	75
Jhelum	000	0	0	05	02	96	02	0	095	78	0	0	9	0	0	67	70
Rawalpindi	000	0	0	00	00	99	00	1	090	77	0	0	9	0	0	60	66
Khushab	000	0	0	02	02	98	00	0	082	83	0	0	9	0	0	64	73
Lyallpur	000	0	0	00	00	96	00	9	089	83	0	0	9	0	0	69	73
Montgomery	000	0	0	13	02	97	00	1	083	82	0	0	9	0	0	70	74
Multan	000	0	0	13	02	96	00	0	085	85	0	0	9	0	0	41	81
Leiah																	
Khanpur	000	0	0	05	03	96	00	0	074	85	0	0	9	0	1	75	76
Bahawalpur	000	0	0	00	00	97	00	0	085	86	0	0	9	0	0	73	75
Fort Abbas	000	0	0	05	02	97	00	0	082	93	0	0	9	0	0	××	75
~~Chakdara~~	000	0	0	××	××	97	00	0	094	70	0	×	9	×	×	49	48
Peshawar	010	0	0	18	02	97	02	0	092	75	0	0	9	0	0	55	65
Haripur																	
Campbellpur	000	0	0	00	00	98	00	0	103	72	0	0	9	0	0	68	68
Bannu	000	0	0	31	02	99	00	0	081	80	0	0	9	0	0	62	74
D.I. Khan	000	0	0	00	00	98	00	0	069	80	0	0	9	0	0	61	73
Sibi	000	0	0	00	00	99	00	0	078	80	0	0	9	0	0	64	80
Nokkundi	000	0	0	34	02	99	02	0	098	74	0	0	9	0	0	36	59
Turbat	000	0	0	00	00	98	00	0	106	81	0	0	9	0	0	××	83
Jiwani	000	0	3	13	05	97	03	0	101	81	3	4	4	0	0	76	72
Pasni	000	0	0	00	00	94	41	0	104	75	0	0	9	0	0	74	70
Ormara	000	0	0	××	××	98	00	0	102	78	0	0	9	0	0	75	74
Las Bela																	
Karachi (Manora)	000	0	0	29	05	97	01	0	081	81	0	0	9	0	0	77	79
Karachi (Air port)	000	0	1	27	03	96	02	0	081	80	1	6	5	0	0	73	75
Badin	000	0	0	23	02	96	00	0	073	82	0	0	9	0	0	72	××
Nagarparkar	×××	×	0	00	03	98	00	0	×××	××	0	0	9	0	0	××	××
Umarkot	000	0	0	00	00	97	00	0	067	83	0	0	9	0	0	73	77
Hyderabad	000	0	3	00	00	97	03	0	069	82	3	5	6	0	0	65	79
Pad-i-dan	000	0	4	31	05	98	03	0	073	83	4	0	9	5	0	69	75
Nawabshah	000	0	3	36	02	97	01	0	078	85	4	0	9	7	0	65	78
Sukkur	000	0	1	00	00	96	01	0	073	85	0	0	9	0	9	76	79
Kashmore	000	0	0	18	00	99	00	0	069	92	0	0	9	0	0	60	76
Jacobabad	000	0	1	36	02	97	03	0	080	83	0	0	9	0	0	69	77
Veraval																	
Jalalabad																	
Muscat	000	0	0	00	00	99	00	0	073	84	0	0	9	0	0	78	83
Kuwait																	
Misgar **	000	0	0	00	00	98	00	1	093	44	0	0	9	0	0	26	35
Murree *	000	9	0	00	00	98	00	1	506	65	0	0	9	0	0	44	56
Drosh *	000	0	0	00	00	96	02	0	533	61	0	0	9	0	0	38	57
~~Cherat~~ *	000	0	0	36	02	97	00	0	506	71	0	0	9	0	0	44	59
Kakul *	000	0	0	25	02	96	02	0	513	71	0	0	9	0	0	52	64
Landi Kotal *	010	0	0	20	02	98	00	0	499	72	0	0	9	0	0	38	58
Parachinar *	000	0	0	00	00	99	00	0	795	69	0	0	9	0	0	48	××
Miranshah *	000	0	0	00	00	99	00	0	537	76	0	0	9	0	0	54	67
Wana *	000	0	0	00	00	98	00	0	467	65	0	0	9	0	0	49	57
Fort Sandeman *	000	0	0	00	00	96	00	0	507	74	0	0	9	0	0	42	59
Hindubagh *	000	0	0	00	00	98	02	0	520	67	4	6	7	0	0	39	48
~~Loralai~~ *	000	0	3	23	02	98	02	1	495	63	0	[illegible]	9	2	0	46	57
Harnai *	000	0	0	31	01	98	00	0	×××	××	0	0	9	0	0	××	××
Quetta *	000	9	2	00	00	95	01	5	504	62	0	7	8	0	0	54	52
Chaman *	000	0	3	07	02	97	01	0	517	76	0	0	9	0	1	55	63
Kalat *	000	0	0	00	00	98	00	0	521	60	0	0	9	0	0	51	50
Nushki *	000	0	0	05	09	97	00	0	536	73	0	0	9	0	0	34	67
Dalbandin *	000	0	0	00	00	96	02	0	492	67	0	0	9	0	0	27	58
Panjgur *	000	0	0	05	03	98	00	0	493	64	0	0	9	0	0	27	56
Kabul *	000	0	0	00	00	99	00	0	551	58	0	0	9	0	0	45	46
Kandahar *																	

Departure from Normal of / Rainfall

Station (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	+ 6	+ 1	102.8	− 1.0	113.7	140
Chittagong	+ 4	+ 1	65.3	− 5.7	72.7	108
Maijdee Court	+ 4	+ 2	55.1	−20.6	65.0	115
Comilla	+ 3	+ 1	43.3	−13.5	55.1	94
~~Brahmanbaria~~	—	—	26.7	− 6.0	52.5	78
Sylhet	—	—	84.6	—	115.2	..
Srimangal	+ 2	0	60.1	+ 7.5	86.8	98
Mymensingh	+ 3	+ 1	47.2	− 7.4	61.3	91
Narayanganj	+ 3	+ 3	47.2	+ 4.2	61.3	74
Dacca (Tezgaon)	—	—	43.9	—	58.9	..
Faridpur	− 1	− 3	37.4	− 4.5	58.0	71
Barisal	+ 2					81
Khulna	+ 2	0	38.9	− 5.1	55.9	[illegible]
Satkhira	+ 1	+ 1	34.7	− 6.7	50.4	[illegible]
Jessore	—	—	36.5	− 2.5	39.9	[illegible]
Sirajganj	+ 4	+ 1	53.3	+13.7	63.0	[illegible]
Bogra	+ 3	0				[illegible]
Dinajpur	+ 3	− 5	41.2	− 7.0	44.4	[illegible]
Rangpur	+ 3	0	44.5	− 9.4	53.3	[illegible]
Jammu						
Lahore (Jail Rd.)	− 1	+ 2	16.7	+ 3.0	25.4	19
Sialkot	+ 1	0	21.9	0	[illegible]	32
Jhelum	—	—	16.7	—	27.3	..
Rawalpindi	0	− 4	14.4	− 7.3	30.3	36
Khushab		− 5	8.2	− 1.3	17.0	15
Lyallpur	+ 2	− 3	10.1	+ 1.4	16.2	[illegible]
Montgomery	+ 3	− 3	6.4	− 0.2	10.2	[illegible]
Multan	+ 6	+ 2	0.7	− 3.9	4.1	[illegible]
Leiah						[illegible]
Khanpur	+ 1	+ 1	0.2	− 4.5	1.2	[illegible]
Bahawalpur	+ 1	+ 1	1.3	− 2.9	2.5	[illegible]
Fort Abbas	—	—				[illegible]
~~Chakdara~~	—	—	2.7	—	17.5	..
Peshawar	− 2	—	1.9	− 2.1	13.0	14
Haripur			5.7	—	21.1	..
Campbellpur	—	—	2.8	—	5.8	..
Bannu	—	—	2.4	—	9.5	11
D.I. Khan	− 2	− 4	2.3	− 2.9	7.8	10
Sibi	—	—	1.1	—	6.2	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	..
Jiwani	—	—	0	—	3.1	4
Pasni	0	− 3	0	− 0.9	6.2	6
Ormara	—	—	0	− 0.8	3.8	6
Las Bela						8
Karachi (Manora)	+ 1	+ 2	0.6	− 5.2	4.1	8
Karachi (Air port)	—	—	0.9	—	1.4	..
Badin	+ 5	×	3.6	− 3.5	2.6	9
Nagarparkar	—	—	—			
Umarkot	—	—	4.7	—	4.7	[illegible]
Hyderabad	+ 4	+ 2	0.9	− 4.7	2.8	[illegible]
Pad-i-dan	—	—	0.1	—	1.4	[illegible]
Nawabshah	—	—	0.1	—	0.8	[illegible]
Sukkur	—	—	0.1	—	1.9	[illegible]
Kashmore	—	—	—	—	—	[illegible]
Jacobabad	− 1	− 1	0	− 2.2	[illegible]	[illegible]
Veraval						[illegible]
Jalalabad						[illegible]
Muscat	− 1	0	0	− 0.1	6.9	[illegible]
Kuwait						[illegible]
Misgar **	—	—	—	—	—	[illegible]
Murree *	+ 3	+ 1	23.4	− 9.5	57.1	[illegible]
Drosh *	− 9	− 8	2.0	—	34.2	29
~~Cherat~~ *	− 6	− 7	4.3	− 6.9	35.0	
Kakul *	—	—	14.2	—	41.8	..
Landi Kotal *	—	—	1.1	—	15.3	29
Parachinar *	—	—	6.7	—	25.8	13
Miranshah *	—	—	3.1	− 1.0	15.4	
Wana *	—	—	1.4	—	13.5	..
Fort Sandeman *	− 4	− 8	1.4	− 2.4	12.9	11
Hindubagh *	—	—	0	—	12.3	..
~~Loralai~~ *	—	—	1.9	—	10.7	..
Harnai *	—	—	2.0	− 5.1	14.3	14
Quetta *	—	—	0	− 1.0	9.5	..
Chaman *	− 5	− 1	0	0.1	10.2	
Kalat *	− 3	+ 1	0	− 1.2	12.4	7
Nushki *	—	—	0	—	8.0	..
Dalbandin *	− 8	− 6	0	− 0.3	4.4	4
Panjgur *	− 7	− 11	0	—	[illegible]	[illegible]
Kabul *	—	—	—	—	—	[illegible]
Kandahar *						[illegible]

†Given in Code.
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day.
(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 12th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_M C_H$	$D_s V_s$ a PP	8 N_s C h_sh_s	Q T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Fujisamaru	43 229	599 00	0 18 13	98 02 0	060 79	00 9 00	7 6 005		0 08 73	..
Caledonia	43 230	644 00	4 26 05	98 02 0	074 78	41 4 00	1 5 400		0 51 69	1 36 x1
Carcal	43 215	597 00	0 29 02	97 00 0	080 75	00 9 00	1 5 202		0 08 73	1 49 xx
Caledonia	43 239	657 06	6 00 00	98 01 2	091 80	60 9 60	1 3 209	..	0 11 69	1 23 x3
Carcal	43 228	597 06	0 04 03	98 00 0	083 84	00 9 00	7 5 300	..	0 00 79	1 49 xx
Asia	43 238	655 12	0 26 06	98 02 0	052 84	00 9 00	5 7 613	..	0 04 75	1 22 31

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	008 242 238	086 252 222	..	490 232 198	..	193 115 102	461 042 508	921 528 682	664 622 885	982 740	267 905	461 950	
Lahore ..														
Multan ..														
Peshawar ..	00 00	xx×222 158		..	400 182 125	..	105 082 035	350 532 565	450 980 900	424 990 800		..	..	
Quetta ..	00 00	831 155 021	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$: Surface									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 255 202	827 218 185	800 185 185	350 660 999	250 812 999	120 982 999	..	..	..	120 982 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00		..	..	..	..		..	..	..	424 990 999	..	
Quetta ..	00 00	Misda											

PPP-Pressure in hundreds tents and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bagra	16 15	16 13	16 14	16 19		..		..	..
Chaklala ..			..	..	..		..		..
Chhor ..	30 09	29 06	30 05	05 06	07 08	14 10	05 03	26 07	27 12
Chittagong ..	22 17	22 20	23 18	18 11	18 23	19 23	..		..
Cox's Bazar ..	20 14	18 14	16 14	16 12	13 04	13 04	10 19	08 10	06 10
Dacca ..	17 12	17 15	17 17	16 12	16 10	14 09	13 07	12 07	12 14
Dalbandin ..	..	..	23 06	24 09	27 08	20 03	19 06	25 15	27 15
D. I. Khan ..	..	..	..		..	..			
Drosh ..	..	..	..	07 01	04 04	01 17	36 24	34 11	..
Fort Sandeman ..				14 14	16 18	11 17	25 11		
Jacobabad ..	16 07	19 05	21 04	21 04	17 06	16 03	29 07	27 07	24 12
Jessore ..					..			..	
Jhelum ..	35 02	33 04	33 04	31 07	30 12	29 04	31 11	29 12	25 11
Jiwani ..	25 03	29 03	39 05	33 10	33 07	36 12	02 18	34 12	33 14
Karachi ..	20 18	17 14	13 09	14 11	16 14	12 12	05 04	23 03	28 07
Khanpur ..	35 04	34 04	34 04	34 06	01 06	02 04	24 04	28 04	25 15
Lahore ..	32 05	33 05	33 07	34 13	35 13	34 10	28 07	27 10	27 10
Multan ..	34 02	09 01	08 02	04 01	01 04	03 05	05 06	27 13	25 16
Nusoot ..	..			..	..	..		..	
Panjgur ..	..							..	
Peshawar ..	..	07 06	05 04	31 07	28 12	30 13	31 15	..	..
Quetta ..	..	..		..	18 06	23 03	23 06	..	..
Sharjah ..									
Sylhet ..	20 10	28 08	23 08	18 08	17 07	18 07	08 07	08 09	12 09
Veraval ..									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bagra	16 11	17 14	16 15	..	..	..
Chaklala ..	..					
Chhor ..	31 16	15 23	17 13	03 11	05 09	07 13
Chittagong ..	16 11	17 13	17 13	16 18	16 17	13 05
Cox's Bazar ..	16 12	16 13	17 12	16 08	15 09	12 03
Dacca ..	14 09	15 11	16 11	15 10	12 08	12 03
Dalbandin ..	..		07 07	10 12	12 16	17 16
D. I. Khan ..			..			
Drosh ..		..		07 01	04 04	01 17
Fort Sandeman ..				25 03	23 09	23 10
Jacobabad ..	22 04	23 04	25 07	24 05	16 03	
Jessore ..						
Jhelum ..	09 00	12 13	33 03	28 05	29 07	27 15
Jiwani ..	13 06	32 03	05 01	01 08	07 09	03 04
Karachi ..	35 13	32 12	29 08	07 05	04 03	02 03
Khanpur ..	03 13	01 09	02 08	04 02	02 02	12 03
Lahore ..	21 17	16 11	16 08	36 06	02 08	35 06
Multan ..	16 11	16 10	21 06	31 05	31 05	07 06
Nusoot ..	..		..	..	..	..
Panjgur ..	..		..	..	..	
Peshawar ..	..	..	..			
Quetta ..		..	..		18 03	13 07
Sharjah ..						
Sylhet ..	15 03	18 01	22 02	23 08	23 04	31 03
Veraval ..						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bagra	18 10	18 09	18 10	..		..	..	..			
Chaklala ..				..			..	..	..		
Chhor ..				..	..	..	..	..	..	..	..
Chittagong ..	21 04	22 05	22 05	22 05			..	..	..		
Cox's Bazar ..	19 08	19 07	18 07	..	..		..				
Dacca ..	17 08	18 09	28 09								
Dalbandin ..		..	07 11	08 14	16 07	15 07	13 10	11 08	35 12	32 44	25 27
D. I. Khan ..		..		..							
Drosh ..		..		..	05 05	02 09	35 08	01 03	01 04	01 02	14 04
Fort Sandeman ..		..		calm	01 03	31 02	31 03	09 42	29 03	25 07	26 38
Jacobabad ..	05 01	18 02	27 06	30 03	30 03	05 07	07 10	12 15	15 11	24 43	25 29
Jessore ..											
Jhelum ..	11 04	11 03	20 02	28 04	35 08	34 06	22 09	21 23	22 26	22 35	24 56
Jiwani ..	04 02	02 04	07 06	10 07	29 05	35 09	01 17	02 16	36 11		
Karachi ..	33 14	33 13	35 11	22 08	10 07	14 13	12 13	11 15	12 06	30 05	25 19
Khanpur ..	10 02	10 04	07 05	02 05	02 06	05 10	08 04	24 14	25 26	25 21	25 37
Lahore ..	25 01	22 03	23 06	36 03	36 07	16 05	02 09	35 08	18 *07	18 17	24 36
Multan ..	18 06	18 06	13 04	08 03	04 06	01 06	06 13	24 05	22 *17	23 28	25 31
Nusoot ..	..			..			..				
Panjgur ..	..										
Peshawar ..		35 05	34 04	31 03	29 05	31 09	31 12	29 01	24 04	29 11	26 40
Quetta ..					15 01	09 03	16 06	12 08	07 *05	30 10	25 30
Sharjah ..						..	..				
Sylhet ..	24 05	24 05	24 07	25 06	30 05	..	..				
Veraval ..											

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	31 14	34 15	30 14	30 09	09 06	09 15	10 15	12 12	31 01	28 14	27 19	25 23	24 32	24 19				
Peshawar ..	02 14	02 11	12 02	23 06	28 10	31 12	31 15	34 11	34 10	29 22	24 64	25 66						
Quetta ..																		

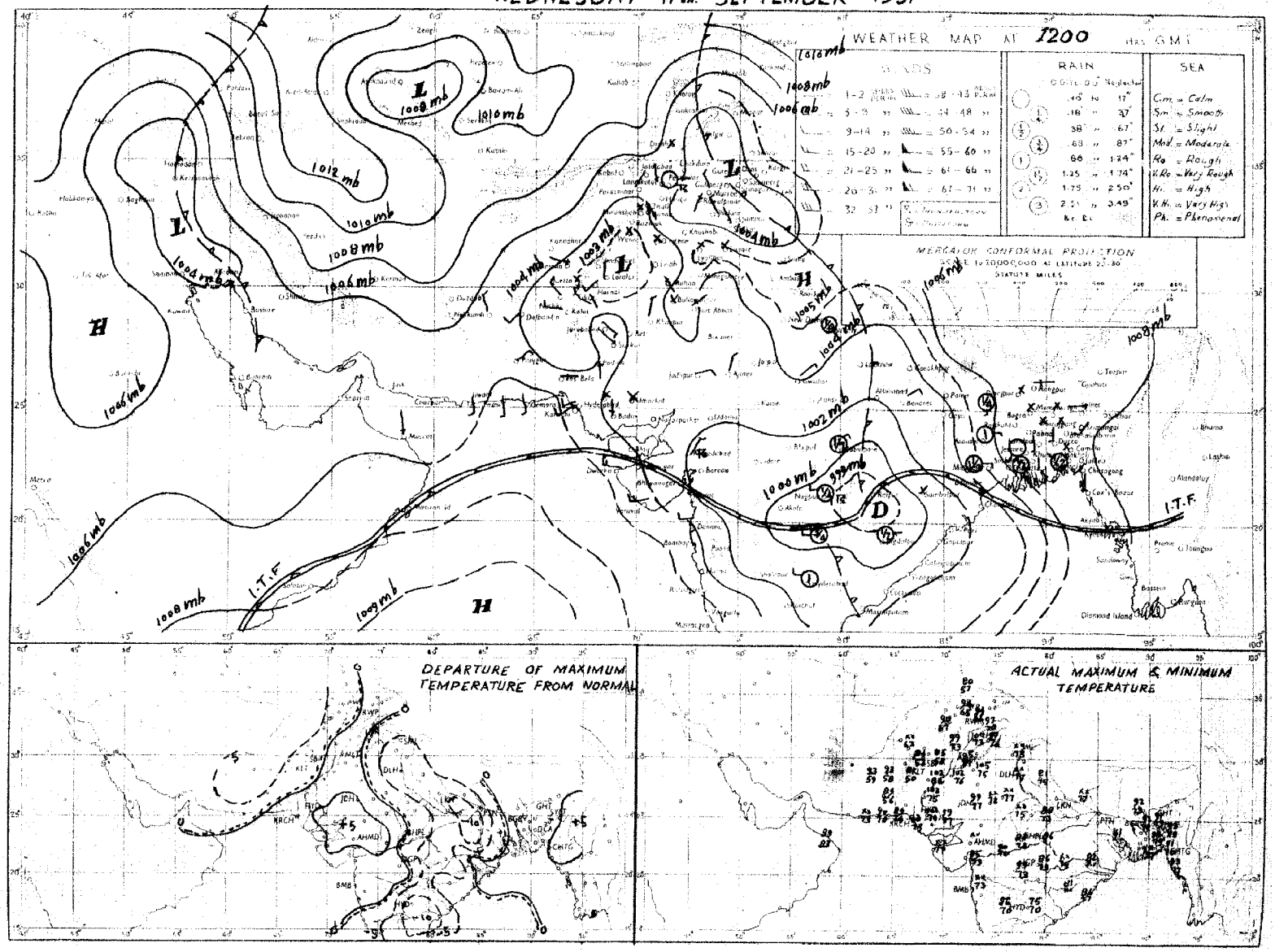
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speeds "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

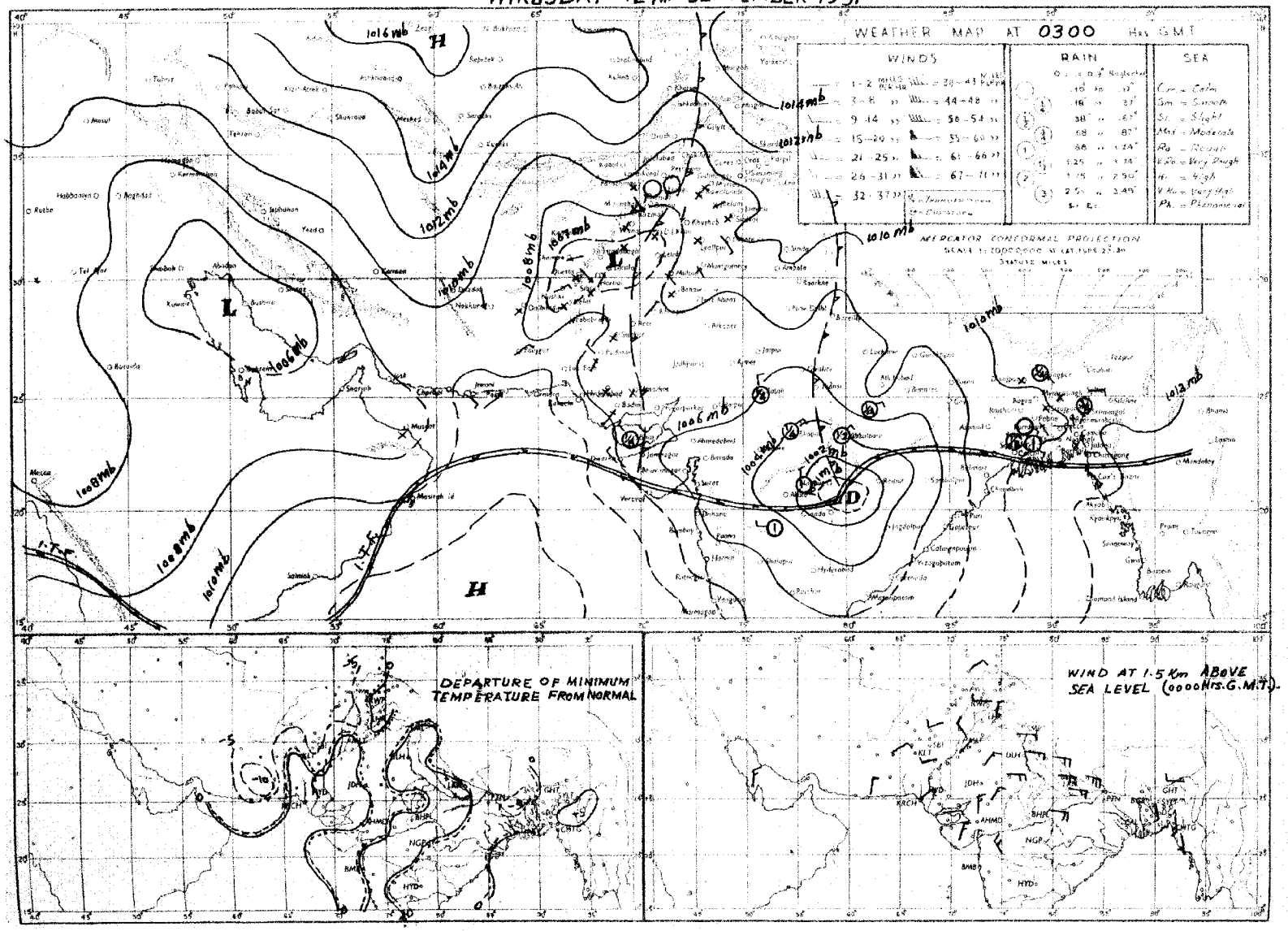
WEDNESDAY 11th SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

THRUSDAY 12th SEPTEMBER 1957.



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

Monthly Subscription.

PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

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FRIDAY, THE 13th SEPTEMBER, 1957.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression moved northwestwards and is centred at 13,0300 G.M.T. about 30 miles southsoutheast of Hoshangabad. It is likely to move northnorthwestwards and weaken.

Scattered thunderstorms/showers have occurred in East Pakistan. Weather remained dry over West Pakistan.

Sylhet recorded ¾" and Faridpur ¼" rain.

Day temperatures were 5-10°F above normal in Hyderabad division, 2-5°F so in East Pakistan and were 3-5°F below normal in Quetta and north Kalat divisions.

Forecast valid until the evening of 14th:—Scattered rain/thundershowers will occur in East Pakistan. Weather will be dry in West Pakistan.

Karachi-11.
The 13th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	DryBulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	006	4	6	23	07	96	03	9	079	85	4	3	6	0	4	78	90
	Chittagong	000	0	3	25	09	96	01	1	060	85	2	3	7	2	0	77	90
	Maijdee Court	000	2	4	00	00	99	01	5	070	85	3	0	9	1	1	79	89
	Comilla	000	0	3	00	00	98	02	2	068	87	3	3	8	0	0	80	92
	Brahmanbaria	000	0	2	00	00	97	01	1	066	86	2	4	5	0	0	79	91
	Sylhet	000	0	1	27	02	97	01	1	065	83	0	0	9	0	0	77	90
	Srimangal	002	0	3	00	00	97	60	1	070	85	3	8	6	0	0	78	92
Dacca	Mymensingh	000	3	6	00	00	98	02	5	072	93	6	7	5	0	0	78	92
	Narayanganj	000	9	7	18	02	96	03	2	078	87	4	4	5	0	8	79	93
	Dacca (Tezgaon)	000	7	4	23	05	98	03	2	065	87	3	3	5	0	1	79	90
	Faridpur	037	8	8	20	10	95	97	2	075	80	8	4	6	×	×	77	90
	Barisal	000	4	5	00	00	95	03	5	075	83	7	0	9	4	2	79	90
Rajshahi	Khulna	000	0	6	00	00	97	01	2	078	85	6	4	7	0	0	77	89
	Satkhira	006	0	4	00	00	97	01	1	071	84	2	5	7	9	0	80	87
	Jessore	016	6	6	18	03	97	02	6	071	85	4	8	6	6	0	78	89
	Sirajganj	000	0	6	00	00	95	00	0	053	86	0	0	6	0	8	79	92
	Bogra	005	4	4	23	02	96	01	6	057	93	4	4	6	0	0	79	93
	Dinajpur	000	0	0	00	00	96	00	0	072	86	0	0	9	0	0	79	92
	Rangpur	000	0	2	23	02	96	01	1	×××	91	2	2	6	0	0	80	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	27	02	96	01	0	052	95	1	1	7	0	0	68	97
	Sialkot	000	0	0	31	02	97	00	0	043	95	0	0	9	0	0	83	97
Rawalpindi	Jhelum	000	0	1	00	00	96	02	0	046	94	1	1	8	0	0	63	99
	Rawalpindi	000	0	1	00	00	99	02	0	035	89	1	2	7	0	0	59	96
	Khushab	000	0	0	18	05	98	00	0	043	98	0	0	9	0	0	53	02
Multan	Lyallpur	000	0	6	20	02	96	02	0	052	96	6	0	9	5	0	55	98
	Montgomery	000	0	0	00	00	97	00	1	048	96	0	0	9	0	0	61	99
	Multan	000	0	0	13	02	96	00	0	045	99	0	0	9	0	0	54	05
Bahawalpur	Leiah																	
	Khanpur	000	0	0	31	03	96	00	0	038	00	0	0	9	0	0	79	03
	Bahawalpur	000	0	0	00	00	97	00	0	044	95	0	0	9	0	0	73	00
	Fort Abbas	000	0	0	05	03	97	00	0	043	97	0	0	9	0	0	71	01
Peshawar	Chakdara	000	0	1	00	00	98	01	1	002	93	1	2	7	0	0	60	94
	Peshawar	000	0	1	09	02	98	02	0	038	93	1	1	6	0	0	57	96
	Haripur	000	5	1	09	02	97	02	0	040	90	1	2	5	0	0	79	96
	Campbellpur	000	0	2	27	03	98	01	1	044	98	2	2	6	0	0	72	98
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	044	95	0	0	9	0	0	61	98
	D.I. Khan	000	0	0	00	00	98	00	0	053	00	0	0	9	0	0	66	01
Quetta	Sibi	000	0	0	00	00	99	00	0	035	06	0	0	9	0	0	75	08
Kalat	Nokkundi	000	0	0	20	02	99	02	0	041	98	0	0	9	0	0	26	99
	Turbat	000	0	0	31	01	97	00	0	060	03	0	0	9	0	0	82	07
	Jiwani	000	0	1	23	10	96	02	0	073	84	1	6	4	0	0	72	86
	Pasni	000	0	0	23	16	96	00	0	086	87	0	0	9	0	0	74	91
	Ormara	000	0	0	××	××	98	00	0	080	85	0	0	9	0	0	78	86
	Las Bela	000	0	0	00	00	98	00	0	055	05	0	0	9	0	0	64	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	98	02	0	052	86	2	0	9	5	0	82	87
	Karachi (Air port)	000	0	6	25	12	97	03	0	049	99	6	4	6	0	0	66	01
	Badin	000	0	0	31	02	97	00	0	045	05	0	0	9	0	0	63	07
	Nagarparker	×××	×	0	23	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	36	01	97	00	0	024	03	0	0	9	0	0	59	05
	Hyderabad	000	0	6	20	05	97	03	1	041	00	6	5	6	0	0	61	05
Khairpur	Pad-i-dan	000	0	2	36	05	98	03	0	045	02	2	2	7	0	0	52	04
	Nawabshah	000	9	4	05	03	97	03	1	045	03	4	8	7	0	0	54	06
	Sukkur	000	2	0	00	00	96	00	0	044	99	0	0	9	0	0	66	01
	Kashmore																	
	Jacobabad	000	0	1	18	05	97	02	1	035	02	1	2	6	0	0	55	05
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	[illegible]	000	0	0	19	02	98	00	0	062	87	0	0	9	0	0	80	89
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	104	58	0	0	9	0	0	18	64
	Aliabad *																	
Rawalpindi	Gilgit *																	
	Murree *	000	5	2	29	03	98	01	1	488	69	2	1	4	0	0	48	72
Peshawar	Drosh *	000	0	3	23	07	96	03	0	471	86	3	2	7	0	0	30	92
	Cherat *	000	0	0	27	03	98	00	0	501	83	0	0	9	0	0	43	85
	Kakul *	000	0	0	20	02	99	00	0	494	80	0	0	9	0	0	51	84
	Landi Kotal *	000	0	0	00	00	97	00	0	484	88	0	0	9	0	0	38	90
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	793	88	0	0	9	0	0	46	××
	Miranshah *	000	0	0	05	12	99	00	0	522	88	0	0	9	0	0	71	92
	Wana *	000	0	0	09	01	99	00	0	457	83	0	0	9	0	0	40	88
Quetta	Fort Sandeman *	000	0	4	23	05	96	01	1	488	86	4	0	9	2	0	27	90
	Hindubagh *	000	0	7	27	05	98	03	0	487	78	7	6	7	0	0	50	84
	Loralai *	000	0	7	20	05	98	02	1	474	81	7	0	9	2	0	36	87
	Harnai *	000	0	3	18	02	98	02	0	×××	××	3	0	9	2	0	××	××
	Quetta *	000	0	5	27	03	97	01	2	496	84	5	9	6	0	0	71	85
Kalat	Chaman *	000	0	0	25	03	98	00	0	501	88	0	0	9	0	0	72	90
	Kalat *	000	0	0	29	05	98	00	0	487	78	0	0	9	0	0	44	81
	Nushki *	000	0	0	36	05	96	00	0	536	94	0	0	9	0	0	27	96
	Dalbandin *	000	0	0	09	02	97	02	0	503	93	0	0	9	0	0	33	96
	Panjgur *	000	0	0	27	03	98	00	0	501	91	0	0	9	0	0	39	93
Afghanistan	Kabul *	000	0	2	36	00	99	03	0	431	78	2	2	9	0	0	45	84
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	006	1	6	20	05	96	02	9	094	86	6	9	6	6	0	79	78	+ 3	+ 2	107.9	+ 0.7	113.8	140
	Chittagong	000	0	2	11	02	97	01	1	086	87	2	2	7	0	0	79	78	+ 3	+ 1	65.3	− 6.1	72.7	108
	Maijdee Court																		+ 3					115
	Comilla	000	0	4	00	00	98	03	2	087	85	4	2	8	0	0	79	79	+ 3	+ 2	43.3	− 13.9	55.1	94
	Brahmanbaria	000	0	4	18	02	97	03	2	067	86	4	4	5	0	0	79	80	—	—	36.7	− 6.3	52.3	[illegible]
	Sylhet	082	4	7	05	02	96	29	9	088	79	5	7	4	2	0	78	77	—	—	65.5	—	11.6	..
	Srimangal	002	0	2	23	02	97	03	0	091	85	2	1	6	0	0	78	76	+ 1	+ 1	60.1	+ 7.1	86.8	[illegible]
Dacca	Mymensingh	000	8	6	00	00	98	02	2	092	85	6	4	5	0	0	76	79	+ 4	+ 1	47.2	− 7.9	61.3	91
	Narayanganj	000	9	2	16	02	96	01	0	085	90	2	4	7	0	0	76	81	+ 4	+ 2	47.2	+ 3.8	61.3	74
	Dacca (Tezgaon)	000	0	4	00	00	96	03	0	081	85	3	2	5	0	1	76	79	—	—	43.9	—	58.9	..
	Faridpur	037	9	2	16	02	96	03	0	086	87	2	5	7	0	0	78	77	+ 2	− 2	37.8	− 4.4	49.9	71
	Barisal	000	0	4	00	00	96	03	2	085	88	7	0	9	6	2	78	80	+ 2	+ 1	—	—	—	81
Rajshahi	Khulna	000	0	5	00	00	97	01	0	089	85	5	4	7	0	0	78	79	+ 1	+ 2	38.9	− 5.4	55.9	[illegible]
	Satkhira	006	0	4	00	00	99	01	1	083	86	4	6	9	0	0	78	79	− 2	+ 2	34.8	− 6.5	50.5	[illegible]
	Jessore	016	0	3	13	05	97	01	0	084	83	3	8	6	0	0	80	78	—	—	36.7	− 2.6	40.1	[illegible]
	Sirajganj	000	0	4	00	00	96	03	1	070	85	2	2	5	0	0	76	80	+ 5	+ 2	53.3	+ 13.4	63.0	[illegible]
	Bogra	000	0	0	23	02	97	00	1	077	85	0	0	9	0	0	76	79	+ 4	+ 1	—	—	—	[illegible]
	Dinajpur	000	0	0	00	00	96	00	0	089	86	0	0	9	0	0	79	76	+ 3	− 2	41.2	− 7.4	44.4	[illegible]
	Rangpur	000	0	4	18	02	96	03	1	×××	88	4	5	6	0	0	80	79	+ 4	+ 2	44.5	− 9.9	53.3	[illegible]
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	1	27	02	96	01	0	061	81	1	0	9	3	0	72	72	− 1	− 2	16.7	+ 2.9	25.4	[illegible]
	Sialkot	000	0	0	00	00	97	00	0	054	81	0	0	9	0	0	72	75	+ 1	0	21.9	− 0.1	45.1	[illegible]
Rawalpindi	Jhelum	000	0	0	27	02	96	02	0	057	80	0	0	9	0	0	68	71	—	—	16.7	+	27.3	..
	Rawalpindi	000	0	0	00	00	99	00	1	079	75	0	0	9	0	0	59	66	+ 2	− 4	14.4	− 7.5	30.3	36
	Khushab	000	0	0	09	02	98	00	0	059	85	0	0	9	0	0	67	72	+ 2	− 6	8.2	− 1.3	17.0	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	068	80	0	0	9	0	0	69	73	0	− 3	10.1	+ 1.1	16.2	[illegible]
	Montgomery	000	0	0	23	02	96	00	0	053	81	0	0	9	0	0	79	74	− 1	− 3	6.4	− 0.3	10.2	[illegible]
	Multan	000	0	0	00	00	96	00	0	046	84	0	0	9	0	0	67	82	+ 6	+ 3	0.7	− 3.9	4.1	[illegible]
Bahawalpur	Leiah																							
	Khanpur	000	0	0	18	03	96	00	0	054	87	0	0	9	0	0	72	76	+ 2	+ 1	0.2	− 4.5	1.2	[illegible]
	Bahawalpur	000	0	0	00	00	97	00	0	058	85	0	0	9	0	0	73	75	0	+ 1	1.3	− 2.9	2.5	[illegible]
	Fort Abbas	000	0	0	00	00	97	00	0	060	92	0	0	9	0	0	74	75	—	—	—	+	—	[illegible]
Peshawar	Chakdara	000	0	0	00	00	97	00	0	065	69	0	0	9	0	0	53	49	—	—	2.7	—	12.5	14
	Peshawar	000	0	1	27	03	98	02	0	056	76	1	0	9	3	0	60	66	0	− 6	1.9	− 2.1	13.0	..
	Haripur	000	0	0	18	02	97	00	0	054	79	0	0	9	0	0	56	69	—	—	—	—	—	
	Campbellpur	000	0	0	00	00	98	00	0	066	77	0	0	9	0	0	70	73	—	—	5.7	—	21.1	..
D.I. Khan	Bannu	000	0	0	31	02	99	00	0	049	82	0	0	9	0	0	63	72	—	—	2.4	—	9.5	11
	D.I. Khan	000	0	0	00	00	98	00	0	045	78	0	0	9	0	0	70	72	0	− 5	2.3	− 2.9	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	053	83	0	0	9	0	0	67	33	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	04	02	99	02	0	018	75	0	0	9	0	0	32	64	—	—	0	—	1.9	3
	Turbat	000	0	0	00	00	98	00	0	086	91	0	0	9	0	0	××	84	—	—	2.5	—	5.9	..
	Jiwani	000	0	0	16	02	97	00	0	089	76	0	0	9	0	0	74	71	—	—	0	—	3.1	4
	Pasni	000	0	0	29	07	96	00	0	082	75	0	0	9	0	0	71	74	+	− 2	0	− 0.9	6.2	6
	Ormara	000	0	0	××	××	98	00	1	102	80	0	0	9	0	0	77	76	—	—	0	− 0.8	3.8	6
	Las Bela	000	0	0	00	00	99	00	0	048	81	0	0	9	0	0	76	74	—	—	—	—	—	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	29	05	97	02	0	055	79	0	0	9	0	0	70	77	+ 2	0	0.6	− 3.2	1.1	[illegible]
	Karachi (Air port)	000	0	0	27	05	96	01	0	059	82	0	0	9	0	0	75	79	—	—	0.9	—	1.4	..
	Badin	000	0	0	23	02	96	00	0	059	82	0	0	9	0	0	68	××	+ 12	—	3.6	− 3.5	9.8	9
	Nagarparker	000	0	4	25	02	97	03	0	×××	××	4	0	9	6	0	××	××	—	—	—	—	—	
	Umarkot	000	0	0	00	00	97	00	0	042	84	0	0	9	0	0	65	77	—	—	4.7	—	4.7	
	Hyderabad	000	0	1	00	00	97	01	2	048	87	1	0	9	7	0	63	81	+ 8	+ 4	0.9	− 4.8	2.8	7
Khairpur	Pad-i-dan	000	0	1	05	02	98	02	0	049	85	0	0	9	0	1	61	72	—	—	0.1	—	1.4	
	Nawabshah	000	0	0	00	00	96	00	0	049	66	0	0	9	0	0	73	81	—	—	0.1	—	0.6	
	Sukkur	000	0	0	00	00	98	00	0	051	85	0	0	9	0	0	72	78	—	—	0.1	—	2.9	
	Kashmore																							
	Jacobabad	000	0	0	00	00	97	02	0	052	83	0	0	9	0	0	71	63	+ 2	+ 5	0	− 2.2	3.5	
Junagarh	Veraval																							
Afghanistan	Jalalabad																							
Arabia	[illegible]	000	0	0	00	00	96	00	0	079	80	0	0	9	0	0	73	80	− 1	− 3	0	− 0.1	6.9	
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							
	Gulmarg **																							
	Sonamarg **																							
	Dras **																							
	Leh **																							
	Skardu *																							
	Misgar **																		—	—				
	Aliabad *																							
Rawalpindi	Gilgit *																							
	Murree *	000	9	0	29	05	98	00	1	479	63	0	0	9	0	0	45	56	+ 2	+ 1	23.4	− 9.6	57.1	18
Peshawar	Drosh *	000	0	0	00	00	96	00	0	452	63	0	0	9	0	0	40	61	+ 3	− 4	2.0	—	24.	29
	Cherat *	000	0	0	00	00	97	00	0	486	68	0	0	9	0	0	51	65	0	− 1	4.3	− 7.0	25.0	..
	Kakul *	000	0	0	29	02	96	02	0	486	70	0	0	9	0	0	53	65	—	—	14.2	—	41.2	
	Landi Kotal *	000	0	0	00	00	97	00	0	477	77	0	0	9	0	0	44	61	—	—	1.1	—	15.3	29
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	494	70	0	0	9	0	0	49	××	—	—	6.7	—	25.8	13
	Miranshah *	000	0	0	00	00	99	00	0	418	75	0	0	9	0	0	57	69	—	—	3.1	− 1.1	15.4	
	Wana *	000	0	0	00	00	98	00	0	467	66	0	0	9	0	0	48	57	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	0	29	02	98	00	0	495	70	0	0	9	0	0	41	57	− 4	− 10	2.4	− 2.4	12.9	
	Hindubagh *	000	0	0	27	02	98	00	0	509	64	0	0	9	0	0	42	55	—	—	0	—	12.3	..
	Loralai *	000	0	0	01	02	98	00	0	464	63	0	0	9	0	0	32	57	—	—	1.9	—	10.7	14
	Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	− 5.1	14.3	
	Quetta *	000	0	1	18	02	97	01	0	492	57	0	0	8	0	0	39	48	—	—	0	− 1.0	9.5	8
Kalat	Chaman *	000	0	0	09	02	98	00	0	459	76	0	0	9	0	0	63	62	− 2	− 2	0	− 0.1	10.2	7
	Kalat *	000	0	0	00	00	98	00	0	512	58	0	0	9	0	0	41	47	− 3	− 2	0	− 1.2	8.4	..
	Nushki *	000	0	0	27	07	97	00	0	×××	69	0	0	9	0	0	25	68	—	—	0	—	8.0	4
	Dalbandin *	000	0	0	00	00	97	02	0	480	65	0	0	9	0	0	29	58	− 5	− 6	0	− 0.3	4.4	
	Panjgur *	000	0	0	05	03	98	00	0	490	66	0	0	9	0	0	31	61	− 3	− 6	0	—	4.3	
Afghanistan	Kabul *	000	0	0	09	09	99	00	0	553	52	0	0	9	0	0	41	45	—	—	—	—	—	
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 13th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$1 d_w d_w P_w H_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Kohomaru	..	..	..	53 185	661 00	2 29 14	97 02 1	075 79	21 5 00	7 6 xxx		0 52 75	
Kampala	..	..	..	53 229	663 00	7 29 06	98 01 2	087 81	52 5 00	5 5 003		0 52 75	1 27 32
Chuimaru	..	..	..	53 203	643 00	1 27 09	98 03 0	085 72	11 4 00	7 4 502		0 54 xx	
Asia	..	..	..	53 216	621 00	2 24 07	98 02 0	066 77	21 5 00	5 7 517		0 51 79	1 24 32
Chuimaru	..	..	..	53 210	634 08	3 27 09	98 02 0	115 82	31 4 00	7 4 215		0 00 xx	..
Kohomaru	..	..	..	53 195	647 06	6 31 16	97 03 1	108 82	64 5 00	7 6 xxx		0 02 79	
Kampala	..	..	..	53 228	656 06	0 27 06	99 02 0	097 81	00 9 00	5 5 106	..	0 52 75	1 27 22
Dara	..	..	..	53 238	590 06	0 11 09	99 02 0	103 81	00 9 00	2 4 220	..	0 59 79	..
Kampala	..	..	..	53 124	644 12	2 28 02	99 02 0	087 81	21 4 00	5 5 605	..	0 51 75	1 28 20
Kohomaru	..	..	..	53 206	634 12	2 29 12	97 02 0	085 84	21 4 00	7 6 xxx	..	0 04 75	
Dara	..	..	..	53 242	603 12	0 13 05	99 02 0	085 82	00 9 00	1 5 400	..	0 54 82	..
Chuimaru	..	..	..	53 215	625 12	1 26 08	98 02 0	090 81	11 4 00	7 4 713	..	0 52 xx	
Nias	..	..	..	53 221	687 12	3 27 15	97 02 0	056 82	00 9 02	7 5 518	..	0 xx 73	1 28 32
Chuemaru	..	..	..	53 215	623 18	4 25 08	98 03 0	100 25	41 4 00	7 4 400	..	0 52 xx	
Caledonia	..	..	..	53 241	671 18	6 27 13	98 02 2	073 81	00 9 70	2 6 013	..	0 00 78	1 27 x3
Thishmapli	..	..	..	53 216	663 18	3 28 13	98 02 0	081 86	26 5 01	5 5 207	..	0 51 74	1 27 21
Udomaru	..	..	..	53 094	760 18	3 27 14	97 82 1	100 26	33 4 2x	7 6 115	..	0 02 xx	..
Kohmary	..	..	..	53 215	622 18	2 23 10	97 02 1	092 25	21 5 00	7 6 xxx	..	0 54 25	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$ (At surface and Standard Isobaric Levels)								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra	..													
Chittagong	..													
Dacca	..													
Jiwani	..													
Karachi	00 00	003 268 252	248 262 245	..	402 262 152	..	137 118 055	402 022 002	854 565 738	589 619 999	974 700	260 920	440 050	698 210
Lahore	..													
Multan	..													
Peshawar	00 00	965 222 162	..	..	440 188 128	..	083 048 012	322 532 565	740 628 999	396 748 999	945 032	211 990	..	629 168
Quetta	00 00	831 132 022	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra	..												
Chittagong	..												
Dacca	..												
Jiwani	..												
Karachi	00 00	900 285 172	800 212 122	465 552 832	350 688 999	250 818 999	050 268 999	020 272 999	..	..	020 272 999	..	..
Lahore	..												
Multan	..												
Peshawar	00 00	900 205 138	800 145 085	350 778 999	250 995 999	150 130 999	..	..		..	150 130 999	..	..
Quetta	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION.	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
Bagra ..	17 07	17 08	18 08	19 10	20 11	20 08	22 03	13 07	13 07	22 09	21 08	18 09	19 08	23 08	26 12	22 06	21 07	20 16	..	..	..	..	..	..	..	..
Chaklala ..	..	31 15	31 15	29 12	29 08	34 02	29 06	32 13	34 23	..	07 09	09 06	34 06	31 10	03 07	..	..	..	..	..	..	..	..	..	..	..
Chitral ..	01 02	01 13	02 13	03 11	01 11	02 14	34 15	..	..	07 12	05 03	02 04	01 08	34 08	25 12	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	17 03	17 03	13 01	13 03	15 04	23 06		..	..	24 01	29 02	28 03	27 04	20 04	04 03	11 01	15 01	17 02	..	..	..	..	..	..	..	..
Cox's Bazar ..	25 06	25 06	23 06	25 03	..	..	..	..	..	28 03	29 04	31 02	01 02	..		28 06	29 04	27 02	24 01	13 01	..	..	..	..	..	..
Dacca ..	18 06	18 06	21 06	24 05						24 04	23 04	20 04	20 06	28 06	28 03	20 06	19 05	16 05								
Dalbandin ..	..	..	36 04	04 05	01 04	16 03	36 02	35 05	35 07	..	..	07 18	03 08	03 03	30 05	..	..	07 01	05 07	05 07	03 04	31 07	34 13	34 16	29 21	26 25
D. I. Khan ..	..	..	..							..		..	..	..	..	..	..	..	..							
Drosh ..	..	..	..	22 10	23 19	22 18	20 08	28 07	33 09	..	..		..			..	..	..	..	21 02	21 01	24 03	26 09	30 10	28 24	28 27
Fort Sandeman ..	..	..	..	14 17	14 10	21 05	31 23	26 14	27 06	..			23 03	36 07	35 05	..	..	..	25 03	35 09	02 06	01 06	28 09	26 19	24 23	25 40
Jacobabad ..	20 08	21 08	27 06	35 05	35 06	24 03	23 05	26 11	25 11	12 04	17 06	21 06	13 09	14 07	26 03	15 04	29 01	18 02	33 07	33 10	02 12	08 08	14 02	27 08	27 12	25 26
Jessore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	18 01	22 02	27 04	33 08	32 11	35 09	04 06	29 08	26 14	35 04	24 03	26 04	29 04	31 09	34 11	35 01	22 03	29 05	31 10	32 13	01 09	11 04	27 04	25 09	24 19	24 41
Jiwani ..	18 07	15 06	15 05	32 07	32 10	34 15	04 20	36 09	35 15	23 08	27 09	30 10	35 10	08 09	06 13	26 10	30 09	32 10	34 08	03 07	05 11	02 12	06 07	30 04	29 13	..
Karachi ..	27 15	28 10	27 08	31 04	36 04	04 10	06 08	32 06	29 09	31 19	31 24	32 15	02 07	04 05	04 08	31 13	31 15	30 15	31 30	32 09	35 11	02 14	34 14	29 15	26 22	25 28
Khanpur ..	01 10	01 13	02 11	05 08	08 08	06 09	36 10	29 13	24 15	17 10	11 06	03 04	03 04	01 10	01 10	20 04	13 03	04 03	34 08	35 13	02 13	36 06	25 08	25 15	33 22	26 41
Lahore ..	33 03	34 07	34 08	35 08	34 08	34 11	28 03	22 10	23 19	20 07	22 07	02 02	36 10	36 16	01 08	32 02	34 04	35 06	36 07	32 06	36 04	27 04	21 15	21 31	22 32	22 43
Multan ..	02 02	03 06	03 06	02 07	01 06	02 09	35 12	31 13	27 15	20 11	21 12	21 14	17 06	15 06	16 12	19 06	15 04	09 03	05 03	05 05	01 13	31 06	25 12	24 15	25 30	25 44
Murree ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..		..	..	..	..	..	..						..										
Peshawar ..	..	..	..	..				..	..	..	34 10	36 07	05 12	11 17	18 29	..	36 10	36 04	34 05	34 02	34 09	32 09	32 12	32 13	32 11	30 15
Quetta ..	..	..	..	..	32 11	33 10	27 05	..	..		..	..	..	35 03	31 10	..	..	..	..	32 08	32 10	13 04	36 05	36 07	28 23	25 27
Sharjah ..													..	..						..		..	..	..	..	..
Sylhet ..	26 04	26 10	24 11	24 10	25 06	26 04	08 01	09 14	06 07	15 05	18 06	21 03	..	..	..	16 02	21 03	23 05	24 09	..	..	..	..	..	..	..
Veraval ..													..							..			..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	28 10	28 04	05 04	35 02	30 07	09 06	11 01	15 01	35 15	35 12	36 04	07 14						
Peshawar ..	—	34 06	34 05	35 03	35 02	35 03	35 12	36 08	34 12	29 13	29 24	26 49	26 25					
Quetta ..																		

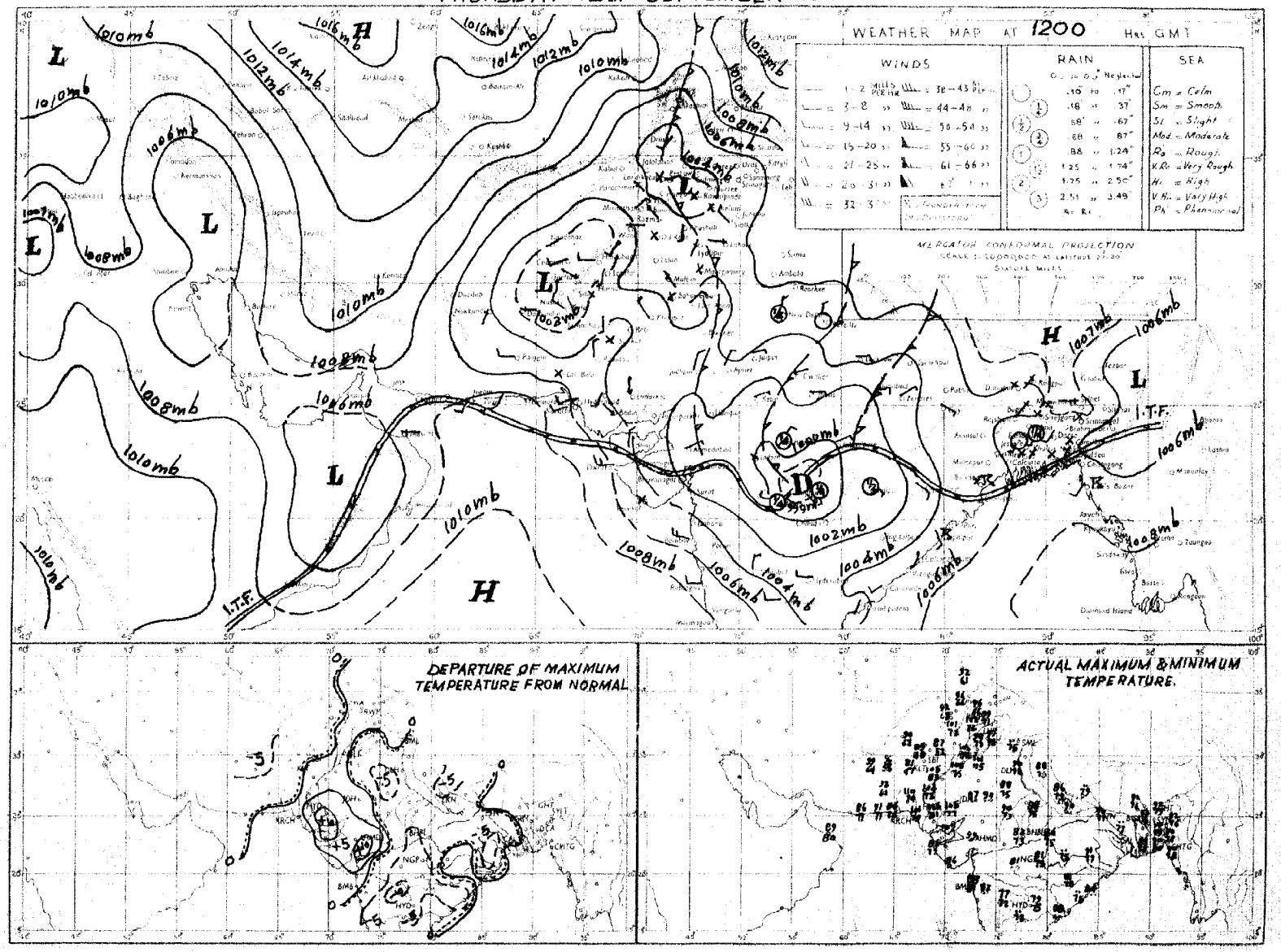
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

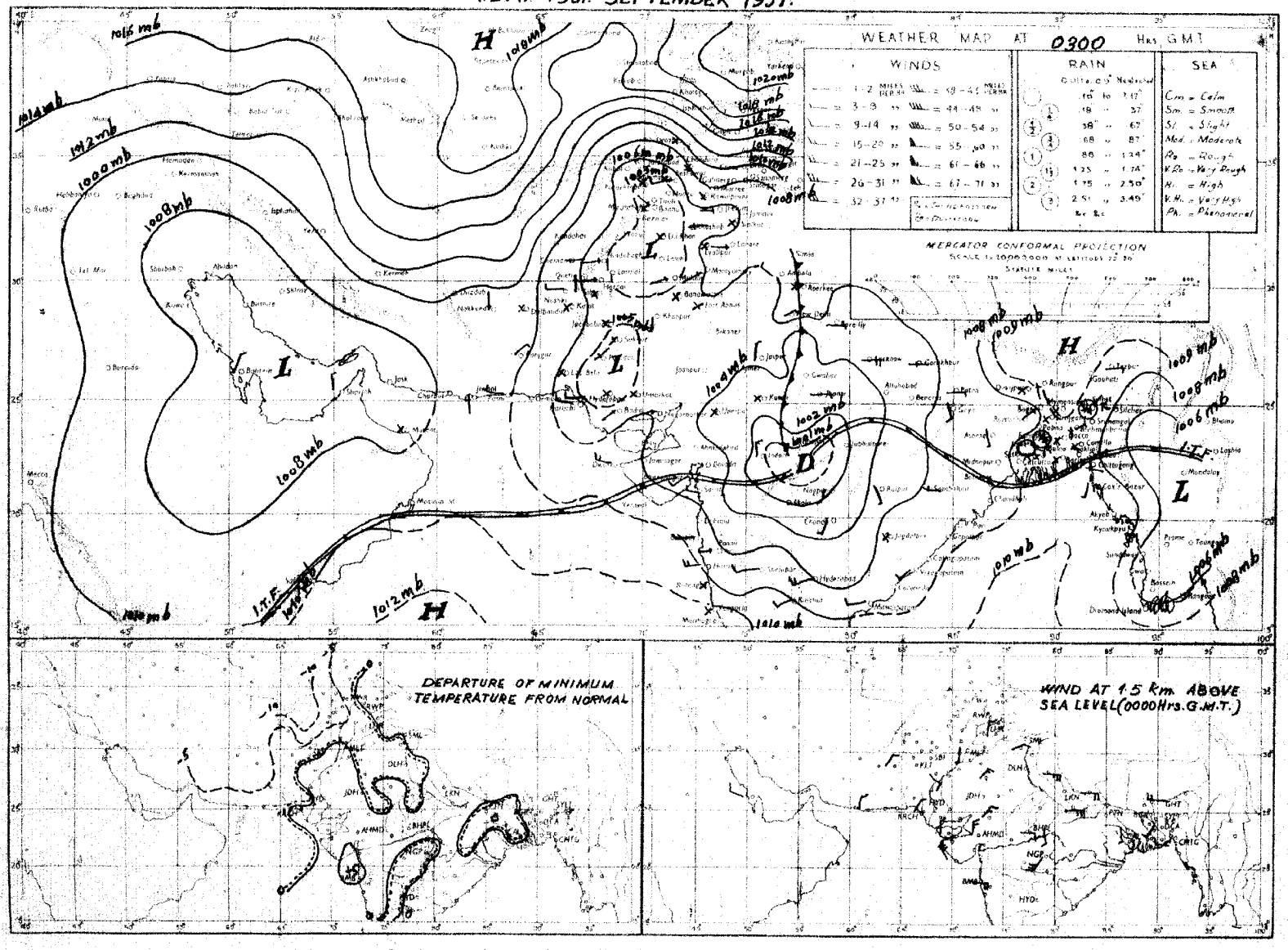
THURSDAY 12th: SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 13th: SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

SATURDAY, THE 14th SEPTEMBER, 1957.

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

Yesterday's depression recurved northeastwards last evening and is centred at 14,0300 G.M.T. about 30 miles southeast of Jhansi. It is likely to continue move in a northeasterly direction.

Scattered thunderstorms/showers have occurred in East Pakistan. Weather remained dry elsewhere over the country.

Mymensingh recorded 1/4" rain.

Day temperatures were 5-10°F above normal in Hyderabad division, 3-7°F so in East Pakistan and were 2-3°F below normal in Quetta and north Kalat divisions.

Forecast valid until the evening of 15th:—A few thunderstorms/showers will occur in East Pakistan. Weather will be dry over the rest of the country.

Karachi-11.
The 14th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	6	6	27	03	96	03	9	058	86	6	9	6	1	0	77	91
	Chittagong	000	0	2	25	09	96	01	1	049	85	1	3	8	1	0	78	90
	Maijdee Court	000	9	1	23	02	99	01	1	046	87	0	0	9	1	1	78	90
	Comilla	000	0	2	00	00	98	02	0	050	90	2	2	8	0	0	79	93
	Brahmanbaria	000	0	4	00	00	97	03	2	043	88	4	5	5	0	0	78	91
	Sylhet	000	0	3	00	00	97	02	1	042	86	2	4	6	0	8	80	90
	Srimangal	030	0	2	18	02	97	02	1	046	83	2	1	6	0	0	76	93
Dacca	Mymensingh	023	0	6	00	00	98	91	2	047	82	6	2	4	0	0	79	92
	Narayanganj	000	9	5	00	00	96	03	0	043	90	3	4	7	0	1	78	93
	Dacca (Tezgaon)	000	5	4	23	02	98	01	9	036	88	3	3	5	0	1	79	92
	Faridpur	000	8	3	00	00	96	01	1	048	86	2	4	8	1	0	81	91
	Barisal	007	4	6	00	00	95	03	6	046	87	6	7	9	0	0	86	93
Rajshahi	Khulna	000	0	6	00	00	97	01	2	047	84	6	4	7	0	0	79	95
	Satkhira	012	0	8	00	00	97	03	6	047	85	x	x	7	x	x	84	92
	Jessore	000	0	5	13	03	97	01	1	043	87	3	8	6	6	0	83	94
	Sirajganj	000	0	2	00	01	96	00	0	029	88	8	0	9	0	1	77	92
	Bogra	000	0	3	00	00	96	01	1	038	91	3	4	6	0	0	78	92
	Dinajpur	000	0	0	00	00	96	00	0	043	88	0	0	9	0	0	77	91
	Rangpur	000	0	1	23	02	96	01	1	xxx	90	1	5	6	0	0	80	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	08	97	01	0	016	93	1	1	8	0	0	71	97
	Sialkot	000	0	0	31	02	97	00	0	002	94	0	0	9	0	0	74	97
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	998	94	0	0	9	0	0	68	97
	Rawalpindi	000	0	0	00	00	99	00	0	988	92	0	0	9	0	0	58	96
	Khushab	000	0	0	20	05	98	00	0	996	02	0	0	9	0	0	57	03
Multan	Lyallpur	000	0	0	05	02	99	00	0	009	96	0	0	9	0	0	63	99
	Montgomery	000	0	1	03	02	96	01	0	017	97	0	0	9	0	6	60	99
	Multan	000	0	0	03	02	96	02	0	004	98	0	0	9	0	0	66	03
Bahawalpur	Leiah																	
	Khanpur	000	0	0	31	03	96	00	0	010	99	0	0	9	0	0	78	02
	Bahawalpur	000	0	0	00	00	97	00	0	016	97	0	0	9	0	0	74	00
	Fort Abbas	000	0	0	05	02	97	00	0	006	96	0	0	9	0	0	67	01
Peshawar	Chakdara	000	0	0	xx	xx	98	00	0	956	93	0	0	9	0	0	69	96
	Peshawar	000	0	1	09	02	98	02	0	982	96	1	1	7	0	0	57	97
	Haripur	000	4	0	31	02	97	00	0	994	92	0	0	9	0	0	77	97
	Campbellpur	000	0	0	13	02	98	00	0	993	98	0	0	9	0	0	50	98
D.I. Khan	Bannu	000	0	1	03	02	99	02	0	990	96	0	0	9	0	1	57	97
	D.I. Khan	000	0	0	00	00	98	00	0	017	99	0	0	9	0	0	68	00
Quetta	Sibi	000	0	0	00	00	99	00	0	984	10	0	0	9	0	0	73	11
Kalat	Nokkundi	000	0	0	34	09	99	02	0	017	96	0	0	9	0	0	28	00
	Turbat	000	0	0	23	02	94	00	0	001	03	0	0	9	0	0	85	10
	Jiwani	000	0	0	23	03	96	02	0	044	89	0	0	9	0	0	63	92
	Pasni	000	0	0	23	21	95	07	0	097	87	0	0	9	0	0	74	93
	Ormara	000	0	0	xx	xx	96	00	0	039	87	0	0	9	0	0	81	87
	Las Bela	000	0	0	09	02	98	00	0	064	05	0	0	9	0	0	66	12
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	12	98	02	0	034	87	0	0	9	0	0	83	88
	Karachi (Air port)	000	0	2	25	12	96	03	2	017	89	2	1	5	0	0	79	99
	Badin	000	0	0	31	02	97	00	0	014	05	0	0	9	0	0	62	07
	Nagarparker	xxx	x	4	27	02	97	02	2	xxx	xx	4	0	9	6	0	xx	xx
	Umarkot	000	0	0	31	01	97	00	0	986	04	0	0	9	0	0	65	05
	Hyderabad	000	0	3	00	00	97	01	1	004	05	1	5	6	0	1	54	08
Khairpur	Pad-Idan	000	0	1	31	05	58	02	1	005	04	1	1	7	0	0	47	07
	Nawabshah																	
	Sukkur	000	0	0	00	00	96	00	0	001	00	0	0	9	0	0	71	02
	Kashmore	000	0	0	31	05	97	02	0	003	03	0	0	9	0	0	65	05
	Jacobabad	003	0	0	13	05	97	02	0	003	03	0	0	9	0	0	65	05
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	9	02	99	00	0	048	88	0	0	9	0	0	75	89
	Kuwait																	
	HILL STATIONS																	
	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Drass **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	080	62	0	0	9	0	0	14	68
	Aliabad *																	
	Gilgit *																	
	Murree *	000	0	0	31	03	98	00	0	447	69	0	0	9	0	0	44	72
Peshawar	Drosh *	000	0	4	27	07	96	03	0	429	88	4	2	7	0	0	23	94
	Cherat *	000	0	0	00	00	97	00	0	451	85	0	0	9	0	0	50	88
	Kakul *	000	0	0	18	03	99	00	0	451	81	0	0	9	0	0	51	85
	Landi Kotal *	000	0	0	00	00	97	00	0	444	91	0	0	9	0	0	66	92
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	797	80	0	0	9	0	0	50	xx
	Miranshah *	000	0	0	05	02	99	00	0	484	91	0	0	9	0	0	79	93
	Wana *	000	0	0	05	01	99	00	0	438	85	0	0	9	0	0	23	89
Quetta	Fort Sandeman *	000	0	0	05	02	98	00	0	447	89	0	0	9	0	0	xx	92
	Hindubagh *	000	0	0	27	02	98	00	0	449	84	0	0	9	0	0	45	86
	Loralai *	000	0	0	23	02	98	00	0	434	88	0	0	9	2	0	23	90
	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	2	0	xx	xx
	Quetta *	000	0	0	34	02	98	00	0	451	83	0	0	9	0	0	40	84
	Chaman *	000	0	0	29	03	98	00	0	469	88	0	0	9	0	0	74	90
Kalat	Kalat *	000	0	0	29	05	98	00	0	462	75	0	0	9	0	0	38	81
	Nushki *	000	0	0	27	09	96	00	0	527	95	0	0	9	0	0	25	96
	Dalbandin *	000	0	0	33	02	97	02	0	447	95	0	0	9	0	0	34	04
	Panjgur *	000	0	0	36	03	98	00	0	477	92	0	0	9	0	0	25	93
Afghanistan	Kabul *	000	0	0	36	02	99	00	0	499	78	0	0	9	0	0	39	84
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	000	2	5	36	03	96	02	9	085	87	4	3	6	0	2	79	79	+ 4	+ 3	102.9	+ 0.3	113.8	140
Chittagong	000	0	3	16	02	97	01	1	083	85	2	1	8	1	0	77	xx	+ 3	x	65.3	- 6.4	72.7	108
Maijdee Court	000	9	2	00	00	99	03	0	084	87	0	0	9	0	0	79	79	+ 4	+ 1	—	—	—	115
Comilla	000	0	3	00	00	98	01	0	080	86	3	2	7	0	0	80	81	+ 4	+ 4	43.3	- 14.3	55.1	94
Brahmanbaria	000	0	3	00	00	97	03	2	081	87	3	4	5	0	0	80	81	—	—	36.7	- 6.5	52.5	78
Sylhet	000	3	7	00	00	96	03	9	080	84	5	5	6	7	0	81	78	—	—	65.5	—	116.2	..
Srimangal	000	0	5	00	00	97	03	0	087	85	5	4	6	0	0	81	76	+ 2	+ 1	60.1	+ 6.7	86.8	98
Mymensingh	023	0	6	27	07	97	02	1	085	85	6	2	5	0	0	79	79	+ 4	+ 1	47.5	- 8.3	61.5	91
Narayanganj	000	0	6	23	02	96	03	2	084	87	6	4	5	0	0	79	xx	+ 4	x	47.2	+ 3.5	61.3	74
Dacca (Tezgaon)	000	0	5	27	02	95	03	1	082	87	5	2	5	0	0	81	80	—	—	43.9	—	58.9	
Faridpur	000	9	2	20	02	96	03	0	085	87	2	5	8	0	0	79	79	+ 3	0	37.8	4.7	49.9	71
Barisal	000	4	2	00	00	95	03	2	081	85	8	0	9	6	0	84	81	+ 5	+ 2	—	—	—	81
Khulna	000	0	5	13	02	97	01	1	084	87	5	4	7	0	0	79	80	+ 7	+ 3	38.9	- 5.7	55.9	68
Satkhira	000	0	3	00	00	99	01	0	079	89	2	3	9	5	0	80	79	+ 3	+ 2	38.9	- 3.6	55.9	65
Jessore	000	0	3	23	05	97	01	0	077	84	3	8	6	0	0	80	79	—	—	36.7	- 2.8	40.1	63
Sirajganj	000	0	4	00	00	96	03	1	069	87	3	2	5	0	0	79	80	+ 5	+ 2	53.3	+ 13.1	63.0	64
Bogra	000	0	4	13	02	97	01	1	073	85	0	0	8	0	8	79	81	+ 3	+ 2	—	—	—	67
Dinajpur	000	0	6	00	00	96	02	0	xxx	85	0	0	9	2	0	78	74	+ 2	- 4	41.2	- 7.9	44.4	73
Rangpur	000	0	4	18	02	96	03	1	xxx	88	4	5	6	0	0	80	80	+ 4	+ 3	44.5	- 18.4	53.3	84
Jammu																							..
Lahore (Jail Rd.)	000	0	0	05	02	96	02	0	041	81	0	0	9	0	0	73	74	- 1	0	16.7	+ 2.9	25.4	19
Sialkot	000	0	0	00	00	97	00	0	028	80	0	0	9	0	0	72	75	+ 1	0	21.9	- 0.2	45.1	32
Jhelum	000	0	0	00	00	97	02	0	033	82	0	0	9	0	0	71	73	—	—	16.7	—	27.3	..
Rawalpindi	000	0	0	00	00	99	00	0	080	75	0	0	9	0	0	59	67	+ 2	- 3	14.9	- 7.7	30.3	36
Khushab	000	0	0	07	02	97	00	0	039	84	0	0	9	0	0	69	76	+ 3	- 2	8.2	- 1.4	17.0	15
Lyallpur	000	0	0	00	00	96	00	0	026	80	0	0	9	0	0	70	74	+ 1	- 2	10.1	+ 1.3	16.2	12
Montgomery	000	0	0	13	02	98	00	0	039	80	0	0	9	0	0	79	74	- 1	- 3	6.4	- 0.3	10.2	10
Multan	000	0	0	18	02	96	00	0	024	83	0	0	9	0	0	69	73	+ 4	- 6	0.7	- 3.9	4.1	7
Leiah																							8
Khanpur	000	0	0	18	03	96	00	0	029	84	0	0	9	0	0	75	76	+ 1	+ 1	0.2	- 4.5	1.2	6
Bahawalpur	000	0	0	00	00	97	00	0	026	85	0	0	9	0	0	74	76	0	+ 2	1.3	- 2.9	2.5	5
Fort Abbas	000	0	0	00	00	97	00	0	031	88	0	0	9	0	0	74	73	—	—	—	—	—	8
Chakdara	000	0	0	13	xx	97	00	0	032	70	0	x	9	x	x	57	xx	—	—	2.7	—	17.5	14
Peshawar																		+ 1					
Haripur	000	0	0	05	02	97	00	0	026	78	0	0	9	0	0	58	70	—	—	—	—	—	..
Campbellpur	000	0	0	13	03	98	00	0	022	82	0	0	9	0	0	67	75	—	—	5.7	—	21.1	..
Bannu	000	0	0	31	02	99	00	0	025	82	0	0	9	0	0	64	71	—	—	2.4	—	9.5	11
D.I. Khan	000	0	0	00	00	98	00	0	036	79	0	0	9	0	0	71	74	- 1	- 3	2.3	- 2.9	7.8	10
Sibi	000	0	0	00	00	98	00	0	045	80	0	0	9	0	0	64	79	—	—	1.1	—	6.2	5
Nokkundi	000	0	0	34	09	99	02	0	061	78	0	0	9	0	0	38	73	—	—	0	—	1.9	2
Turbat	000	0	0	00	00	98	00	0	010	01	0	0	9	0	0	99	82	—	—	2.5	—	5.9	..
Jiwani	000	0	2	27	07	96	02	0	058	80	2	6	4	0	0	79	75	—	—	0	—	3.1	4
Pasni	000	0	0	23	03	98	04	0	069	73	0	0	9	0	0	73	72	+ 3	- 1	0	- 0.9	6.2	6
Ormara	000	0	0	xx	xx	97	00	0	070	80	0	0	9	0	0	77	77	—	—	0	- 0.8	3.8	6
Las Bela	000	0	0	00	02	98	00	0	064	81	0	0	9	0	0	71	72	—	—	—	—	—	8
Karachi (Manora)	000	0	0	29	07	97	02	0	039	78	0	0	9	0	0	72	76	+ 3	- 1	0.6	- 5.3	1.1	8
Karachi (Air port)	000	0	2	23	05	96	03	0	041	81	2	5	5	0	0	76	76	—	—	0.9	—	1.4	
Badin	000	0	0	23	02	96	00	0	042	79	0	0	9	0	0	73	xx	+ 12	—	3.6	—	3.6	9
Nagarparker	xxx	x	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	—	—	—	
Umarkot	000	0	0	18	03	97	00	0	029	79	0	0	9	0	0	76	75	—	—	4.7	—	4.7	7
Hyderabad	000	0	0	23	05	97	02	0	029	81	0	0	9	0	0	71	77	+ 11	0	0.9	- 4.6	2.8	
Pad-Idan	000	0	0	09	02	98	02	0	018	82	0	0	9	0	0	59	73	—	—	0.	—	1.4	
Nawabshah	000	0	0	23	05	97	01	0	020	83	0	0	9	0	0	xx	xx		—	—	—	—	4
Sukkur	000	0	0	00	00	96	00	0	009	86	0	0	9	0	0	69	80	—	—	0.1	—	2.9	
Kashmore	000	0	0	18	02	99	00	0	034	89	0	0	9	0	0	62	76		—	—	—	—	4
Jacobabad	000	0	0	09	02	97	02	0	024	84	0	0	9	0	0	67	75	+ 2	- 3	0	- 2.2	3.5	
Veraval																							20
Jalalabad																							15
Muscat	000	0	0	00	00	99	00	0	050	83	0	0	9	0	0	58	80	- 1	- 3	0	- 0.1	6.9	4
Kuwait																							
Srinagar *																							26
Gulmarg **																							71
Sonamarg **																							26
Drass **																							3
Leh **																							6
Skardu *																							..
Misgar **																		—	—				
Aliabad *																							5
Gilgit *																							59
Murree *	000	0	0	29	03	98	00	0	455	62	0	0	9	0	0	47	55	+ 2	0	23.4	- 9.8	57.1	18
Drosh *	000	0	0	00	00	96	02	0	477	65	0	0	9	0	0	36	60	+ 5	- 5	2.0	—	24.5	29
Cherat *	000	0	0	18	03	96	00	0	466	70	0	0	9	0	0	55	67	+ 3	+ 1	4.3	- 7.0	25.0	
Kakul *	000	0	0	34	02	96	02	0	460	71	0	0	9	0	0	54	64	—	—	14.2	—	47.8	..
Landi Kotal *	000	0	0	00	00	97	00	0	457	78	0	0	9	0	0	53	73	—	—	1.1	—	15.3	29
Parachinar *	000	0	0	00	00	99	00	0	495	69	0	0	9	0	0	47	xx	—	—	6.7	—	25.8	13
Miranshah *	000	0	0	00	00	99	00	0	491	75	0	0	9	0	0	53	68	—	—	3.1	- 1.1	15.4	
Wana *	000	0	0	00	00	99	00	0	457	68	0	0	9	0	0	41	56	—	—	—	—	—	11
Fort Sandeman *	000	0	0	00	00	96	00	0	466	71	0	0	9	0	0	40	55	- 2	+ 2	2.4	- 2.4	12.9	
Hindubagh *	000	0	0	27	02	98	00	0	475	65	0	0	9	0	0	41	58	—	—	0	—	12.3	..
Loralai *	000	0	0	27	02	98	00	0	446	61	0	0	9	0	0	18	56	—	—	1.9	—	10.7	44
Harnai *	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	2.0	- 5.2	14.3	9
Quetta *	000	0	0	00	00	97	00	0	467	61	0	0	9	0	0	32	44	—	—	0	[illegible]	9.5	8
Chaman *	000	0	0	11	02	97	00	0	478	78	0	0	9	0	0	64	63	- 2	- 1	0	- 0.1	10.2	7
Kalat *	000	0	0	8	05	98	00	0	513	57	0	0	9	0	0	39	45	- 3	- 4	0	[illegible]	8.4	
Nushki *	000	0	0	36	07	97	00	0	526	00	0	0	9	0	0	24	67	—	—	0	—	8.0	4
Dalbandin *	000	9	0	00	00	97	02	0	461	70	0	0	9	0	0	31	60	+ 3	- 4	0	- 0.3	4.4	5
Panjgur *	000	0	0	36	02	98	00	0	471	68	0	0	9	0	0	27	62	- 3	—	0	—	4.2	13
Kabul *	000	0	0	32	00	99	00	0	536	49	0	0	9	0	0	37	42	—	—	—	—	—	
Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs, pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs, pressure level in geopotential metres, the thousands figure omitted.

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 day

(Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 1[illegible]th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	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 a PP	8 N_s C h_sh_s	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kampala	63 194	628 00	2 29 07	99 02 0	098 79	21 5 00	5 5 400	..	0 52 72	1 27 32
Chueimaru	63 230	607 00	1 22 05	98 02 0	087 75	11 4 00	7 4 503	..	0 84 xx	
Pandrecht	63 235	589 06	0 00 00	99 00 0	095 86	00 9 00	7 6 xxx	..	0 51 73	1 00 00
Chueimaru	63 237	599 06	0 16 08	98 02 0	090 91	00 9 00	7 4 400	..	0 06 xx	
Irisk Motto	63 205	640 06	5 27 12	98 03 1	086 80	52 5 01	5 5 204	..	0 52 72	1 22 21
Velletia	63 248	579 06	0 14 13	98 03 0	086 89	00 9 00	7 6 008	..	0 01 78	1 14 22
Sirrah	63 189	582 06	0 23 10	98 02 0	120 77	00 9 00	1 5 108	..	0 01 72	1 22 21
Sirrah	63 202	591 12	0 23 10	98 02 0	088 84	00 9 00	1 5 712	..	0 08 75	1 23 21
Kampala	63 171	611 12	3 25 09	99 02 0	091 81	31 5 00	5 5 710	..	0 51 75	1 23 23
Chueimaru	63 244	581 12	1 26 02	98 02 0	080 90	11 4 00	7 4 740	..	0 54 xx	
BAY OF BENGAL										
Jal-Asha	63 185	873 06	6 20 11	97 16 1	095 86	11 5 30		..		
Velletia	63 235	590 00	0 14 13	98 02 0	071 86	00 0 00	7 6 629	..	0 02 72	1 14 22
Macoma	63 138	717 00	2 27 07	99 1x 0	078 28			..		
Willamrays	63 096	569 00	3 27 03	98 01 1	115 24	30 5 20	6 8 503	..	0 51 23	1 26 23
Kohomaru	63 227	607 00	0 23 10	97 02 0	070 25	00 9 00	7 6 xxx	..	0 52 25	
Irish Maple	63 210	652 00	6 28 14	98 02 1	065 78	64 5 00	5 5 706	..	0 53 73	1 27 21
Willemrays	63 118	516 18	0 22 15	98 02 1	093 24	00 9 00	7 7 405	..	0 50 22	1 24 22
Alavi	63 145	540 18	0 17 05	99 02 0	097 27	24 0 00	2 4 400	..	0 53 25	1 16 20

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	003 242 245	049 245 255	..	500 265 145	..	175 138 065	454 025 025	904 535 628	639 602 742	010 735	294 860	480 080	726 240
Lahore														
Multan														
Peshawar	00 00	962 225 172		..	400 272 155	..	091 102 052	349 012 538	782 685 999	468 698 999	954 852	221 950	..	673 128
Quetta	00 00	828 148 522	Misds											

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	978 252 255	929 230 230	900 265 155	864 278 155	829 242 125	800 238 115	613 062 042	560 535 535	350 662 828	092 255 999	..	..
Lahore													
Multan													
Peshawar	00 00	900 225 172	800 xxx xxx	350 768 999	250 885 999	150 060 999	070 242 999	..	..	..	070 242 999	..	..
Quetta	00 00	Misds											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of 9C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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	21 06	21 09	22 09	22 11	..	..		..	..	21 12	20 08	21 09	23 08	23 09	26 06	19 06	18 04	18 07		..	..	..	..	..	..	..
Chaklala								..																		
Chhor	25 12	28 04	34 05	36 08	36 12	36 15	32 08			27 40	27 26	28 18	27 14	31 06	04 19											
Chittagong	26 07	27 05	30 0.	32 03	35 03	07 04	09 06	11 06	15 07	33 09	33 10	34 09	36 07	36 06	01 07	29 09	35 04	36 05	34 07							
Cox's Bazar	31 06	32 06	32 05	30 02	03 03	06 02				34 08	34 09	35 05	35 05	35 05	18 01	28 04	35 02	04 02	04 04	07 04	13 09	08 04	08 07	19 11	12 12	
Dacca	25 06	25 05	24 06	22 06	23 06	24 04	15 01	15 03	13 04	23 04	20 02	20 03	25 03	25 04	26 03	22 06	22 06	20 03								
Dalbandin	..	..	24 01	27 09	34 06	32 09	02 09	01 05	01 03	..		08 01	36 11	01 05	16 01	..	..	02 01	35 03	28 06	29 10	03 12	08 17	03 14	35 13	27 28
D. I. Khan	..	..	..														..									
Drosh				24 08	23 10	22 13	21 21	21 29		..	..						..			05 02	02 02	02 10	36 19	36 16	35 15	32 21
Fort Sandeman				30 05	30 15	30 12	31 07	29 10	29 13	..			18 04	31 09	33 14				35 01	33 04	31 10	35 15	35 12	35 12	01 12	28 25
Jacobabad	20 04	20 03	29 04	36 08	01 03	33 17	31 10	32 13	29 10	18 10	18 09	20 08	19 09	22 08	31 11	15 06	18 05	27 04	27 07	34 12	32 10	36 07	05 06	30 03	29 13	26 30
Jessore																										
Jhelum	12 05	17 03	25 04	30 08	30 08	31 04	35 05	35 10	33 06	09 06	24 07	23 06	28 03	31 11	34 16	18 04	29 08	27 09	26 10	31 17	33 21	36 13	34 11	29 08	24 17	
Jiwani	25 14	28 11	28 09	33 07	33 07	01 13	03 14	04 06	32 05	27 10	29 18	30 16	33 05	04 03	07 04	29 10	33 09	33 09	33 05	33 02	36 04	36 07	28 10	34 07	28 08	
Karachi	26 15	27 13	31 09	35 07	01 09	36 13	33 12	33 15	33 19	28 13	28 21	28 19	27 12	27 10	36 03	24 23	25 23	32 15	32 15	32 12	36 04	14 03	29 13	28 15	29 17	27 37
Khanpur	34 04	32 05	33 03	05 05	36 13	36 17	35 10	28 11	25 18	17 13	17 13	15 03	27 05	29 12	33 15	18 06	15 07	20 06	28 10	31 13	35 12	03 08	34 06			
Lahore	06 03	08 05	07 04	05 03	35 07	36 07	28 06	26 17	23 23	17 04	18 08	18 06	03 05	03 13	01 20	01 02	36 03	33 01	04 07	35 17	36 23	36 09	23 08	23 10	18 26	23 28
Multan	30 03	17 03	10 03	07 03	06 06	36 16	36 17	36 15	32 12	19 17	19 20	18 17	22 06	23 02	32 09	22 10	21 09	18 06	15 03	13 03	33 08	02 21	02 11	33 08	36 11	25 25
Muscat	..			..	..	..		..		..		..	..	..	..	..	..		..	..						
Panjgur	..						..	..				..	..	..		..	..		..		..	..				
Peshawar	..	35 04	25 07	19 13	18 13	20 15				..	..	..					..	..								
Quetta	..	..		..	30 07	33 04	12 06	28 10	26 20		..	..		32 05	33 12		..		..	32 05	33 12	15 11	03 14	03 22	33 11	27 27
Sharjah																										
Sylhet	25 05	25 07	26 11	26 13	26 10	26 11	22 07	35 03	35 04	21 03	25 04	25 05	26 06	28 05	..	23 01	25 04	24 06	27 07	27 08	..	..	..	..	..	..
Veraval																										

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	27 10	29 14	29 19	28 20	27 17	26 14	04 09	03 12	31 15	28 19	27 08	27 35	25 29	24 23	20 23	26 12	21 08	
Peshawar	—	34 13	34 15	03 14	02 03	01 04	30 02	35 23	01 21	25 11								
Quetta																		

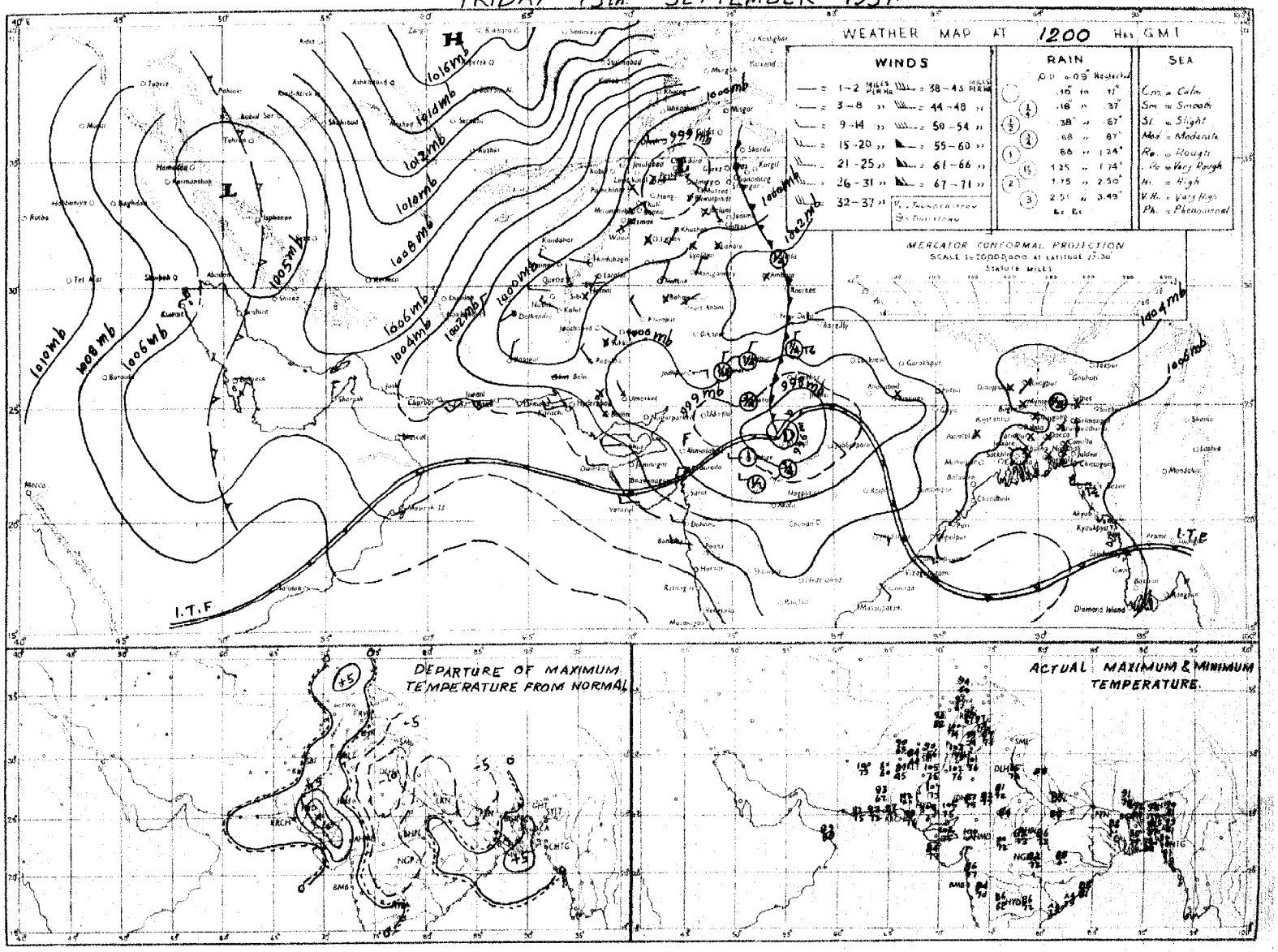
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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

PAKISTAN DAILY WEATHER MAP

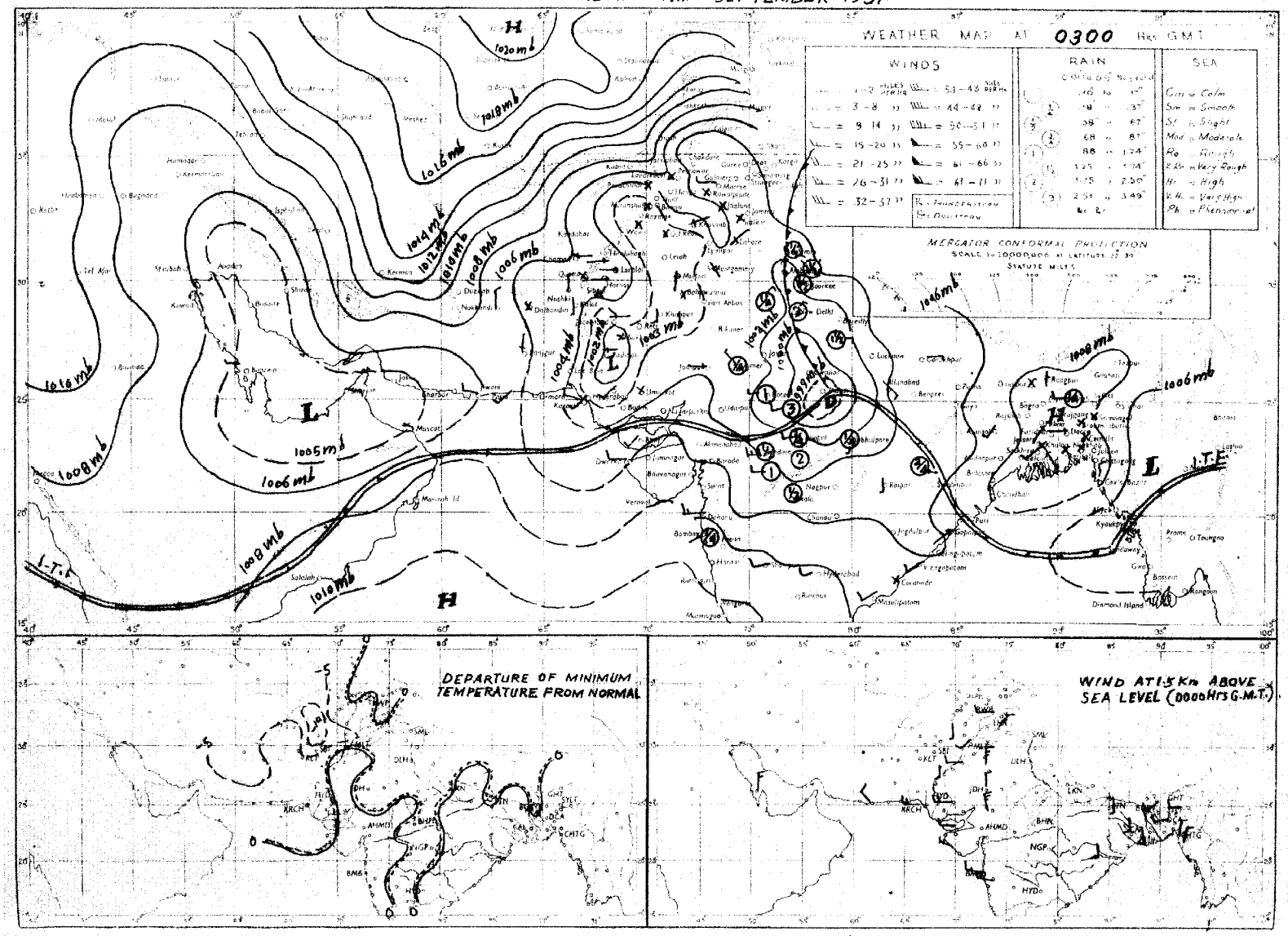
FRIDAY 13th SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 14th SEPTEMBER 1957.



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

Monthly Subscription.

PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

Pages 1—2. Rs. 3/-.

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SUNDAY, THE 15th SEPTEMBER, 1957.

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

Yesterday's depression weakened into a low and now lies over north Uttar Pardesh. It is a likely to become unimportant. Observations are lacking but believe an easterly low pressure wave is moving across east Central Bay of Bengal.

Local thundershowers have been reported from Chittagong division. Weather remained dry elsewhere over the country.

Chief amounts of rainfall are:—Chittagong and Comilla ½" each.

Day temperatures were 3-8°F above normal in East Pakistan and Hyderabad division and 2-4°F below normal in north Kalat and Lahore divisions.

Forecast valid until the evening of 16th:—Scattered thunderstorms/showers will occur in Dacca and Chittagong divisions. Dry weather will prevail over the rest of the country.

Karachi-11.
The 15th September, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day (columns 3–19)

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	6	4	25	03	96	02	9	097	86	2	9	6	0	1	77	90
	Chittagong	000	2	6	29	05	96	02	9	050	87	4	3	6	2	0	79	91
	Maijdee Court	000	9	2	27	02	99	01	1	047	89	0	0	9	0	1	78	92
	Comilla	066	3	4	00	00	97	03	9	045	83	4	3	6	0	0	81	54
	Brahmanbaria	000	0	4	00	00	97	03	2	047	88	4	5	5	0	0	78	93
	Sylhet	000	0	3	27	02	97	01	2	044	86	1	2	6	0	1	77	93
	Srimangal	000	0	2	00	00	97	02	0	049	85	2	1	6	0	0	79	93
Dacca	Mymensingh	000	0	2	00	00	98	01	1	050	87	2	2	4	0	0	79	92
	Narayanganj	000	9	5	27	02	90	03	1	049	90	1	5	6	0	8	77	94
	Dacca (Tezgaon)	000	9	5	23	03	98	03	1	045	87	2	3	5	0	2	78	92
	Faridpur	000	9	1	00	30	96	03	0	044	90	1	5	8	0	0	79	92
	Barisal	000	0	0	00	00	96	00	0	044	91	0	0	9	0	0	89	93
Rajshahi	Khulna	000	0	0	00	00	97	00	0	051	90	0	0	9	0	0	77	96
	Satkhira	000	0	6	00	00	97	03	2	049	89	4	5	7	9	0	88	94
	Jessore	000	0	2	18	03	97	01	0	043	90	2	8	6	0	0	80	94
	Sirajganj	000	8	2	00	0[illegible]	96	03	0	035	88	0	0	9	8	1	79	92
	Bogra	000	0	0	00	00	96	00	0	058	91	0	0	9	0	0	78	95
	Dinajpur	000	0	0	00	00	96	00	0	052	85	0	0	9	0	0	78	97
	Rangpur	000	0	2	18	02	96	01	0	xxx	91	2	5	6	0	0	80	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	96	03	0	997	90	2	2	7	0	0	69	94
	Sialkot	000	0	0	00	00	97	00	0	983	94	0	0	9	0	0	72	97
Rawalpindi	Jhelum	000	0	0	30	05	97	02	0	981	92	0	0	9	0	0	70	96
	Rawalpindi	000	0	0	00	00	99	00	0	978	92	0	0	9	0	0	59	96
	Khushab	000	0	0	25	03	98	00	0	979	99	0	0	9	0	0	58	01
Multan	Lyallpur	000	0	0	00	00	96	00	0	991	94	0	0	9	0	0	67	96
	Montgomery	000	0	0	31	02	97	00	0	992	96	0	0	9	0	0	72	98
	Multan	000	0	0	13	02	96	00	0	989	98	0	0	9	0	0	64	02
Bahawalpur	Leiah																	
	Khanpur	000	0	0	27	03	96	00	0	990	04	0	0	9	0	0	78	05
	Bahawalpur	000	0	0	00	00	97	00	0	995	98	0	0	9	0	0	72	00
	Fort Abbas	000	0	0	05	02	97	00	0	999	96	0	0	9	0	0	73	99
Peshawar	Chakdara	000	0	0	xx	xx	98	00	0	932	91	0	0	9	0	0	63	96
	Peshawar	000	0	0	09	02	96	02	0	967	96	0	0	9	0	0	53	98
	Haripur	000	3	1	23	02	97	01	0	009	95	1	1	6	0	0	62	97
	Campbellpur	000	0	0	23	02	98	00	0	965	99	0	0	9	0	0	49	99
D.I. Khan	Bannu	000	0	0	05	02	99	00	0	968	95	0	0	9	0	0	69	96
	D.I. Khan	000	0	0	00	00	98	00	0	997	98	0	0	9	0	0	71	99
Quetta	Sibi	000	0	0	00	00	98	00	0	971	08	0	0	9	0	0	74	09
Kalat	Nokkundi																	
	Turbat	000	0	0	00	01	97	00	0	075	03	0	0	9	0	0	63	10
	Jiwani	000	0	0	18	09	96	02	0	038	85	0	0	9	0	0	79	89
	Pasni	000	0	0	23	23	94	07	0	043	85	0	0	9	0	0	76	91
	Ormara	000	0	0	xx	xx	96	00	0	039	85	0	0	9	0	0	79	78
	Las Bela	000	0	0	13	06	98	00	0	020	06	0	0	9	0	0	72	08
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	09	98	02	0	029	86	0	0	9	0	0	82	67
	Karachi (Air port)	000	0	2	25	10	97	03	1	030	85	2	6	5	0	0	78	89
	Badin	000	0	0	23	02	97	00	0	000	95	0	0	9	0	0	73	98
	Nagarparker	xxx	x	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	23	03	97	00	0	993	00	0	0	9	0	0	77	03
	Hyderabad	000	0	0	20	02	97	02	0	998	03	0	0	9	0	0	61	05
Khairpur	Pad-i-dan	000	0	4	31	05	58	03	1	989	07	4	1	7	0	0	46	09
	Nawabshah	000	0	2	18	03	97	03	0	030	04	1	1	7	4	0	55	10
	Sukkur	000	0	0	00	00	96	00	0	985	01	0	0	9	0	0	73	03
	Kashmore	000	0	0	23	02	99	00	0	997	xx	0	0	9	0	0	59	xx
	Jacobabad	000	0	0	13	03	97	02	0	989	04	0	0	9	0	0	36	05
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	0	00	99	00	0	036	90	0	0	9	0	0	76	93
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
Rawalpindi	Aliabad *																	
	Gilgit *																	
	Murree *	000	0	0	27	05	98	00	0	451	69	0	0	9	0	0	55	71
Peshawar	Drosh *	000	0	0	00	00	96	00	0	409	92	0	0	9	0	0	19	99
	Cherat *	000	0	0	18	02	97	00	0	430	86	0	0	9	0	0	27	87
	Kakul *	000	0	0	16	02	99	00	0	432	81	0	0	9	0	0	57	87
	Landi Kotal *	000	0	0	34	02	97	00	0	423	91	0	0	9	0	0	43	91
D.I. Khan	Parachinar *	000	0	0	13	03	99	00	0	797	80	0	0	9	0	0	49	xx
	Miranshah *	000	0	0	05	02	99	00	0	466	90	0	0	9	0	0	55	93
Quetta	Wana *	000	0	0	09	01	99	00	0	428	86	6	0	9	0	0	36	90
	Fort Sandeman *	000	0	0	13	02	98	00	0	447	90	0	0	9	0	0	18	93
	Hindubagh *	000	0	0	27	05	98	00	0	436	85	0	0	9	0	0	44	88
	Loralai *	000	0	0	13	05	98	00	0	435	87	0	0	9	0	0	20	91
	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	27	09	98	02	0	454	84	0	0	9	0	0	52	87
	Chaman *	000	0	0	25	03	98	00	0	459	89	0	0	9	0	0	74	91
Kalat	Kalat *	000	0	0	29	11	98	00	0	455	76	0	0	9	0	0	42	81
	Nushki *	000	0	0	27	09	96	00	0	576	95	0	0	9	0	0	35	95
	Dalbandin *	000	0	0	23	03	97	02	0	464	95	0	0	9	0	0	34	98
	Panjgur *	000	0	0	36	03	98	00	0	473	92	0	0	9	0	0	25	93
Afghanistan	Kabul *	000	0	0	32	03	99	00	0	505	59	0	0	0	0	0	63	85
	Kandahar *																	

At 0300 Hrs. G.M.T. of date (columns 20–36); Departure from Normal of (37–38); Rainfall (39–42)

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	4	2	02	02	96	03	6	088	87	1	3	7	0	2	75	77	+ 3	+ 1	102.9	+ 0.3	113.7	140
	Chittagong	644	9	1	11	05	97	01	9	094	84	1	0	9	1	0	77	76	+ 4	+ 2	65.8	− 6.3	73.2	108
	Maijdee Court	000	6	7	00	01	98	00	0	044	85	0	0	9	2	2	81	82	+ 6	+ 4	—	—	—	115
	Comilla	666	9	4	10	00	98	00	9	086	86	4	4	6	6	0	81	79	+ 5	+ 2	43.9	− 14.0	55.8	94
	Brahmanbaria	000	0	4	23	02	97	03	2	083	87	4	4	5	0	0	81	82	—	—	36.9	− 6.8	52.9	78
	Sylhet	000	1	7	18	02	96	17	1	085	83	4	3	6	2	0	79	79	—	—	65.5	—	116.0	..
	Srimangal	010	6	7	13	03	97	02	9	089	82	7	4	6	0	0	80	78	—	+ 3	60.2	+ 6.4	86.9	98
Dacca	Mymensingh	000	0	4	27	02	98	02	1	088	86	2	2	4	0	4	81	80	+ 4	+ 2	47.5	− 8.8	61.5	91
	Narayanganj	000	9	8	27	02	95	02	2	086	86	8	4	5	x	x	81	83	+ 5	+ 4	47.2	+ 3.2	61.3	74
	Dacca (Tezgaon)	000	9	5	29	02	98	01	1	077	86	3	8	5	3	0	80	82	—	—	43.9	—	58.9	[illegible]
	Faridpur	000	9	6	00	00	96	03	0	093	84	4	5	7	1	0	80	79	+ 4	0	37.8	− 4.5	49.9	[illegible]
	Barisal	000	7	6	00	00	96	01	2	074	86	6	5	6	0	0	84	81	—	+ 2	—	—	—	[illegible]
Rajshahi	Khulna	000	0	4	00	00	97	01	1	089	87	4	5	7	0	0	79	81	+ 8	+ 4	38.9	− 5.9	55.9	[illegible]
	Satkhira	000	0	7	00	00	98	03	2	087	86	5	6	8	9	0	81	80	+ 5	+ 3	38.9	− 2.9	55.9	[illegible]
	Jessore	000	0	6	23	03	97	03	1	085	85	2	8	6	6	0	79	79	—	—	36.7	− 3.1	40.1	[illegible]
	Sirajganj	000	0	2	00	00	96	01	2	132	87	2	1	4	0	0	79	81	+ 5	+ 3	53.3	+ 12.8	63.0	[illegible]
	Bogra	000	0	0	27	02	98	00	0	078	86	0	0	9	0	0	80	81	+ 6	+ 3	—	—	—	[illegible]
	Dinajpur	000	0	0	00	00	96	00	0	088	86	0	0	9	0	0	81	76	+ 3	− 2	41.2	− 8.4	44.4	72
	Rangpur	000	0	6	11	02	96	03	1	xxx	86	6	5	6	0	0	61	80	+ 5	+ 3	44.5	− 10.9	53.3	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	13	05	96	02	0	038	76	0	0	9	0	0	71	71	− 4	− 3	16.7	+ 2.8	25.4	19
	Sialkot	000	0	0	13	02	97	00	0	030	79	0	0	9	0	0	69	72	+ 1	− 3	21.9	− 0.4	45.1	32
Rawalpindi	Jhelum	000	0	0	13	02	97	02	0	036	79	0	0	9	0	0	68	72	—	—	16.7	—	27.3	..
	Rawalpindi	000	0	0	00	00	99	00	0	071	76	0	0	9	0	0	66	68	+ 2	− 2	14.4	− 7.9	30.3	36
	Khushab	000	0	0	11	02	99	00	0	037	81	0	0	9	0	0	67	75	+ 1	− 3	8.2	− 1.4	17.0	15
Multan	Lyallpur	000	0	0	16	02	96	00	0	027	75	0	0	9	0	0	69	73	− 2	− 3	10.1	+ 1.3	16.2	[illegible]
	Montgomery	000	0	0	13	02	98	00	0	020	78	0	0	9	0	0	71	72	− 2	− 5	6.4	− 0.4	10.2	[illegible]
	Multan	000	0	0	18	02	96	00	0	012	82	0	0	9	0	0	60	67	+ 3	− 12	0.7	− 3.9	4.1	[illegible]
Bahawalpur	Leiah																							
	Khanpur	000	0	0	22	04	96	00	0	018	80	0	0	9	0	0	77	74	+ 4	− 1	0.2	− 4.5	1.2	[illegible]
	Bahawalpur	000	0	0	00	00	97	00	0	021	75	0	0	9	0	0	72	75	0	+ 1	1.3	− 2.9	2.5	[illegible]
	Fort Abbas	000	0	0	23	02	97	00	0	022	89	0	0	9	0	0	71	76	—	—				8
Peshawar	Chakdara	000	0	0	31	xx	97	00	0	018	69	0	x	9	x	x	51	49	—	—	2.7	—	17.5	
	Peshawar	000	0	0	09	00	98	02	0	013	79	0	0	9	0	0	66	72	+ 2	0	1.9	− 2.2	13.0	14
	Haripur	000	0	0	23	02	97	00	0	970	82	0	0	9	0	0	68	71	—	—	—	—	—	..
	Campbellpur	000	0	0	13	02	98	00	0	021	83	0	0	9	0	0	68	76	—	—	5.7	—	21.1	..
D.I. Khan	Bannu	000	0	0	16	02	99	00	0	014	84	0	0	9	0	0	66	72	—	—	2.4	—	9.5	11
	D.I. Khan	000	0	0	00	00	97	00	0	017	81	0	0	9	0	0	71	74	− 2	− 3	2.3	− 2.9	7.6	10
Quetta	Sibi	000	0	0	00	00	99	00	0	019	78	0	0	9	0	0	40	78	—	—	1.1	—	4.2	5
Kalat	Nokkundi	000	0	0	13	62	99	02	0	078	72	0	0	9	0	0	34	69	—	—	0	—	1.9	[illegible]
	Turbat	000	0	0	00	00	98	00	0	042	62	0	0	9	0	0	49	81	—	—	7.5	—	5.9	..
	Jiwani	000	0	2	23	03	96	02	0	069	79	2	6	4	0	0	76	75	—	—	0	—	3.1	4
	Pasni	000	0	4	29	05	94	41	0	066	75	4	5	7	0	0	74	72	+ 1	—	0	− 0.9	6.2	6
	Ormara	000	0	0	xx	5	xx	45	4	082	75	0	0	x	0	0	75	75	—	—	0	− 0.8	3.8	6
	Las Bela	000	0	0	00	00	98	00	1	016	81	0	0	9	0	0	79	74	—	—	—	—	—	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	29	05	97	02	0	062	77	0	0	9	0	0	74	74	+ 2	− 3	0.6	− 5.3	10.1	8
	Karachi (Air port)	000	0	6	25	09	96	01	2	068	80	6	6	5	0	0	78	77	—	—	0.9	—	1.4	..
	Badin	000	0	0	23	02	96	00	6	055	82	0	0	9	0	0	62	xx	+ 3	x	3.6	− 3.5	3.6	9
	Nagarparker																		—	—	—		—	
	Umarkot	000	0	7	23	03	97	00	0	042	80	0	0	9	0	0	75	76	—	—	4.7	—	4.7	[illegible]
	Hyderabad	000	0	0	23	12	97	02	0	044	80	0	0	9	0	0	71	76	+ 8	—	0.9	− 4.8	3.8	[illegible]
Khairpur	Pad-i-dan	000	0	0	18	05	98	02	0	021	77	0	0	9	0	0	66	77	—	—	0	—	1.4	[illegible]
	Nawabshah	000	0	0	16	05	97	02	0	030	81	0	0	9	0	0	69	74	—	—	—	—	—	[illegible]
	Sukkur	000	0	0	20	02	96	00	0	045	80	0	0	9	0	0	71	76	—	—	0.1	—	2.0	4
	Kashmore	000	0	0	18	01	99	00	0	024	81	0	0	9	0	0	71	61	—	—	—	—	—	[illegible]
	Jacobabad	000	0	0	00	00	97	02	0	024	80	0	0	9	0	0	69	72	+ 2	+ 6	0	− 2.2	3.6	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat	000	0	0	00	00	99	00	0	048	88	0	0	9	0	0	68	83	+ 3	0	0	− 0.1	6.9	4
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							36
	Gulmarg **																							24
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							2
	Misgar **	000	0	0	00	00	98	00	0	080	48	0	0	9	0	0	09	40	—		—	—	—	[illegible]
Rawalpindi	Aliabad *																							5
	Gilgit *																							59
	Murree *	000	0	0	29	05	98	00	0	445	62	0	0	9	0	0	47	xx	+ 1	0	23.4	− 10.0	57.1	18
Peshawar	Drosh *	000	0	0	00	00	96	02	0	467	65	0	0	9	0	0	27	62	+ 10	− 3	7.0	—	24.2	29
	Cherat *	000	0	0	36	10	96	00	0	447	71	0	0	9	0	0	50	66		0	4.3	− 7.1	25.0	
	Kakul *	000	0	0	00	00	96	[illegible]	0	448	72	0	0	9	0	0	55	65		—	—		—	
	Landi Kotal *	000	0	0	00	00	97	00	0	419	76	0	0	9	0	0	36	67		—	1.1	—	15.3	29
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	796	69	0	0	9	0	0	47	—	—	—	6.7	—	25.8	13
	Miranshah *	000	0	0	00	00	99	00	0	477	74	0	0	9	0	0	49	67	—	—	3.1	− 1.1	3.4	
Quetta	Wana *	000	0	0	00	00	99	00	0	438	70	0	0	9	0	0	41	56			—	− 2.5	12.9	11
	Fort Sandeman *	000	0	0	00	00	97	00	0	466	72	0	0	9	0	0	41	70	− 1	− 7	2.4		12.3	
	Hindubagh *	000	0	0	27	02	93	00	0	474	63	0	0	9	0	0	40	59	—	—	0	—	10.7	
	Loralai *	000	0	0	27	02	92	00	0	443	63	0	0	9	0	0	20	55	—	—	1.9	− 5.2	18.4	14
	Harnai *	000	0	0	27	01	98	0	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	2.0	− 1.0	8.5	9
	Quetta *	000	0	0	00	00	96	0	0	473	59	0	0	9	0	0	42	44	—	—	0	− 0.1	10.2	8
	Chaman *	000	0	0	07	02	97	00	0	489	77	0		9	0	0	62	60	− 1	− 4	0	− 1.2	8.4	7
Kalat	Kalat *	000	0	0	18	05	98	00	0	497	58	0	0	9	0	0	21	43	− 3	− 6	0		8.8	
	Nushki *	000	0	0	02	03	97	00	0	523	73	0	0	9	0	0	26	68	—	—	0	− 0.3	4.4	4
	Dalbandin *	000	0	0	00	00	96	02	0	463	62	0	0	9	0	0	31		− 3	− 7	0		4.2	5
	Panjgur *	000	0	0	05	03	98	00	0	474	64	0	0	9	0	0	23		− 3	− 10	0	—		7
Afghanistan	Kabul *																		—					
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 099 is given or RRR see the Summary above for the actual amount of rainfall.

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WEATHER BUREAU

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 15th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT A	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O T_sT_s T_dT_d	I $d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udomaru	73 152	708 00	7 27 14	97 02 1	065 79	44 6 3x	7 6 710	..	0 00 xx	
Coillem Rugo	73 120	493 00	6 08 06	98 02 0	067 81	00 9 00	6 7 600	..	0 56 73	1 08 21
Macoma	70 164	683 00	1 29 08	98 xx 0	xx x 81	..	..	..		..
Kampala	73 149	594 00	2 23 10	99 02 0	082 xx	31 5 00	5 5 713	..	0 51 73	1 23 33
Tongariro	73 115	521 00	1 19 18	98 01 1	087 75	14 5 00	7 4 625	..	0 03 73	1 19 34
Sirrah	73 229	596 00	0 20 09	98 02 1	058 84	00 5 00	7 5 717	..	0 01 64	1 20 12
Udomaru	73 164	694 06	4 27 14	98 01 1	085 82	44 5 00	7 6 110	..	0 08 xx	..
Sirrah	73 242	586 06	0 11 03	98 02 0	087 88	00 9 00	7 5 116	..	0 51 77	1 11 21
Sirrah	73 253	574 12	1 22 04	98 02 0	060 90	10 6 80	7 5 707	..	0 01 77	1 22 21
Udomaru	73 173	690 12	5 27 14	98 01 1	065 81	45 3 20	7 6 610	..	0 02 xx	..
Makoma	73 176	657 12	1 29 09	99 xx 0	xx x 82	..	..	..	..	x
Makoma	73 184	660 18	2 29 09	99 xx 0	xx x 81		..	..	..	..
Alavi	73 055	575 18	1 20 06	99 03 0	087 81	11 6 00	2 4 440	..	0 00 64	1 21 22
Udomaru	73 183	667 18	4 27 12	97 02 0	030 79	34 5 41	7 6 400			..
Dara	73 236	673 18	1 26 09	99 02 0	066 81	11 4 00	3 5 230	8 1 815	0 00 75	1 26 xx

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	002 258 255	038 258 258	..	620 242 162	..	135 142 038	418 092 508	902 018 652	677 552 758	990 645	289 782	489 003	..
Lahore ..														
Multan ..														
Peshawar ..	00 00	980 232 192	..	..	400 215 165	..	057 092 058	315 012 582	755 072 999	449 695 999	953 810	..	..	..
Quetta ..	00 00	728 188 018	Misda											

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 242 198	800 228 125	650 138 025	350 585 778	250 695 999	122 955 999	..	..	..	122 955 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 228 188	800 172 112	350 768 999	250 850 999	220 902 999	..	..	..	..	220 902 999	..	..
Quetta ..	00 00	Misds											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	22 06	21 11	22 11	22 07	23 04	23 03	25 03	28 08	27 03
Chaklala									
Cikhor	24 14	24 13	28 12	30 10	30 10	33 10	01 07	31 12	25 12
Chittagong	27 15	30 10	33 07	36 07	03 03	17 07	14 04	09 04	09 03
Cox's Bazar	33 08	31 06	33 04	10 07	14 05	12 08	13 07	12 07	15 07
Dacca	24 04	24 06	23 04	18 02	22 07	24 04	26 02	22 03	16 04
Dalbandin	..	..	23 04	25 06	26 07	33 07	05 13	06 11	06 10
D. I. Khan	..	..	..						
Drosh	..	..		24 05	26 04	32 05	13 01	04 08	02 10
Fort Sandeman	..	..		26 03	22 05	26 03	29 20	31 19	35 14
Jacobabad	19 05	21 07	27 06	27 10	28 14	30 07	36 06	03 12	35 07
Jessore									
Jhelum	17 06	15 08	16 07	28 06	31 12	34 12	34 15	32 17	31 14
Jiwani	24 13	22 04	27 05	26 12	28 05	33 09	01 12	35 06	34 05
Karachi	26 29	27 17	27 12	30 07	29 09	28 08	30 04	30 15	29 15
Khanpur	38 11	26 08	24 07	24 09	24 04	29 04	31 56	35 14	35 14
Lahore	36 03	06 03	36 02	35 11	35 15	35 18	35 21	34 18	33 13
Multan	24 03	20 04	17 02	32 03	31 04	33 15	34 18	35 10	34 06
Muscat	..	..		..	..	..	..	..	
Panjgur	..	..	..			..	..	..	
Peshawar	..	..	..	..					
Quetta	..	..		..	28 07	31 08	02 11	01 13	01 13
Sharjah									
Sylhet	22 05	28 04	28 04	26 09	28 07	24 06	27 07	26 04	22 04
Veraval									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	24 11	23 07	21 06	23 04	24 06	25 10
Chaklala			..	..	..	
Cikhor	24 23	26 16				
Chittagong	02 11	01 12	01 12	28 03	34 03	36 07
Cox's Bazar	04 11	04 11	04 06	03 05	01 04	34 06
Dacca	25 08	24 03	12 02	32 01	27 03	29 03
Dalbandin	..	..	04 07	02 06	32 04	30 06
D. I. Khan						
Drosh	..	..		14 01	31 02	01 07
Fort Sandeman	..			18 06	29 10	31 20
Jacobabad	20 08	23 19	31 17	34 10	01 10	
Jessore						
Jhelum	19 03	20 07	24 03	31 08	31 23	35 18
Jiwani	23 22	26 11	27 13	28 18	28 09	34 06
Karachi	26 15	..				..
Khanpur	24 21	27 25	26 27	27 35	28 23	
Lahore	15 10	xx xx	09 03	32 13	31 15	30 17
Multan	16 29	16 29	18 31	21 51	..	..
Muscat	..		..	..	..	..
Panjgur						
Peshawar	..	33 19	32 17	33 13	33 12	23 12
Quetta		..	..		31 07	31 17
Sharjah			..	..	..	..
Sylhet	09 03	06 03	..	..	..	..
Veraval						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	25 09	25 04	23 08		..	..	..	..	..	..	..
Chaklala		..		..		..	..	..	..	..	..
Cikhor						..	..	..	..	..	..
Chittagong	36 07	33 05	36 08	04 05	08 04						
Cox's Bazar	36 04	01 05	01 03	08 02	10 03	14 02	12 02	12 06	13 05	11 03	11 24
Dacca	28 07	28 06	27 05	23 02	30 03	33 02					
Dalbandin		..	07 07	01 05	29 06	34 12	35 12	06 15	09 15	24 06	26 39
D. I. Khan		..									
Drosh	..	..	..		01 13	36 11	08 05	34 05	26 10	27 13	24 31
Fort Sandeman		..		25 02	27 06	30 15	28 16	27 15	27 15	27 14	31 20
Jacobabad	34 14	34 14	34 13	32 09	34 06	18 04	16 01	15 04	07 05	07 07	27 25
Jessore											..
Jhelum	14 05	17 07	19 05	30 11	31 15	33 10	31 12	31 07	36 05	03 05	..
Jiwani	19 08	24 10	..		..	..		..			..
Karachi	26 18	27 23									..
Khanpur	25 08	26 13	26 14	26 12	27 08	29 04	14 03	33 08	30 08	28 19	
Lahore	16 05	14 06	29 06	36 09	34 08	33 10	31 13	28 11	30 11	30 12	25 31
Multan	13 04	12 06	11 06	15 05	03 03	34 10	31 10	29 10	29 17	28 14	..
Muscat	..	..	..	..	..	..	..	..		..	..
Panjgur	..	..	..		..	..		..		..	
Peshawar	..	..	..	..							
Quetta		..	..	..	31 04	01 10	03 07	17 10	27 09	25 11	25 35
Sharjah					..	..	..	..	..		..
Sylhet	19 07	25 04	26 06	29 02	..	..	..	..	..		..
Veraval		..			..						

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 27	26 29	28 21	29 20	28 20	26 13	10 06	27 08	33 15	30 14	27 14	24 [illegible]	26 24	18 15				
Peshawar ..																		
Quetta ..																		

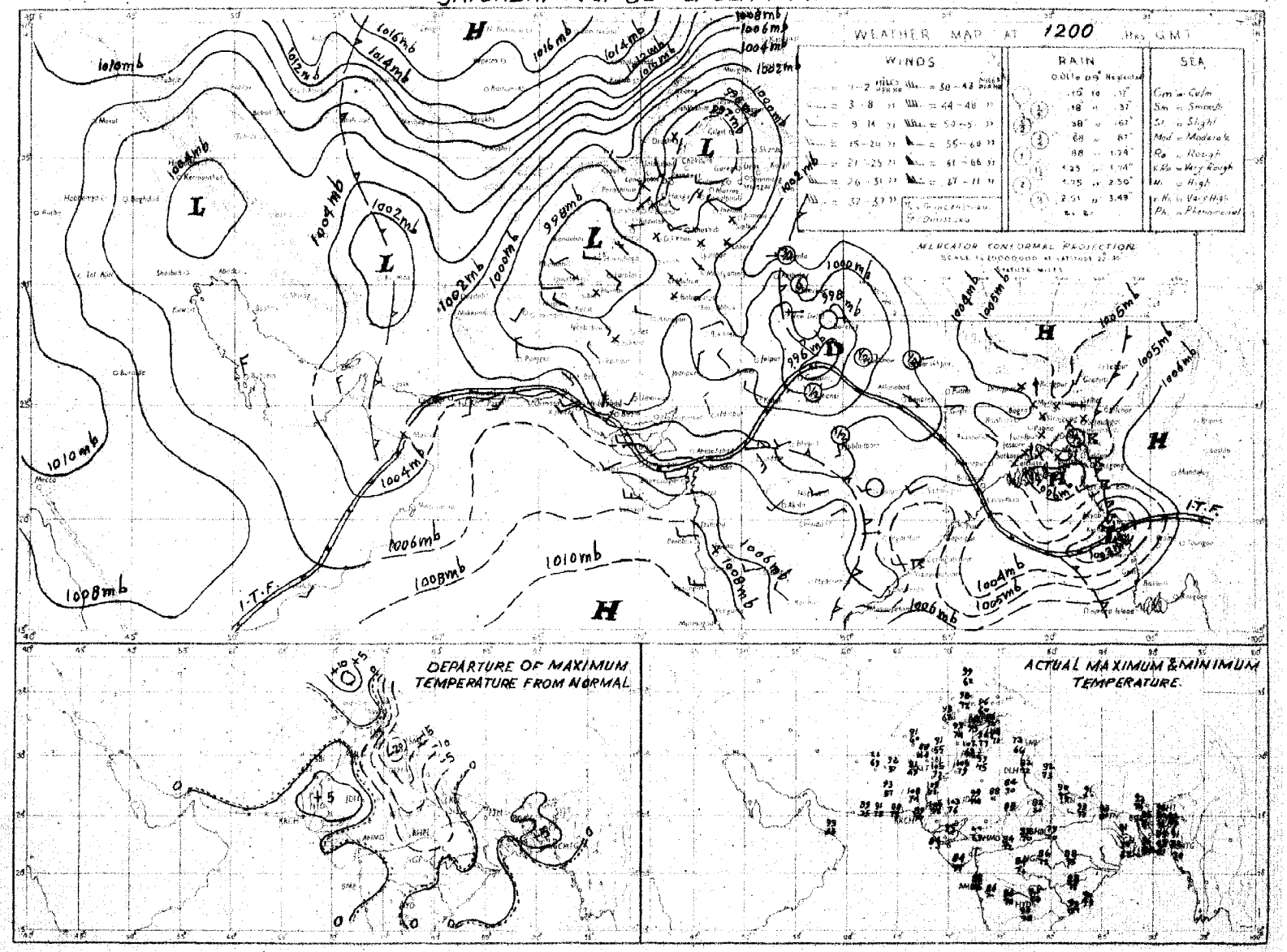
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

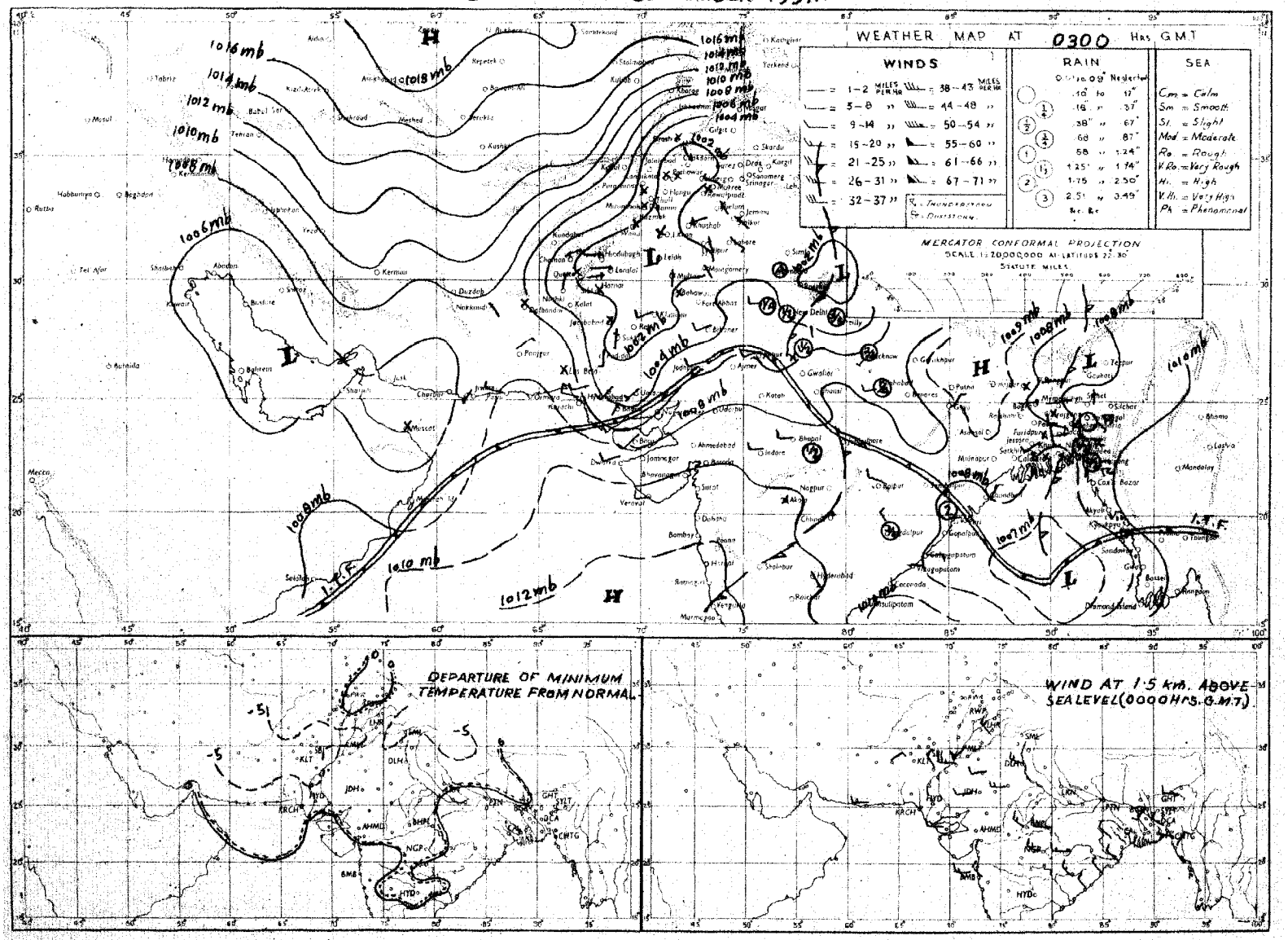
SATURDAY 14th: SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 15th SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

MONDAY, [illegible], 1957.

Summary of [illegible] hrs. G.M.T.

A trough of low lies in the central and adjoining north Bay of Bengal.
Local thunderstorms/showers have occurred in Chittagong division.
Weather remained dry elsewhere over the country.
Chief amounts of rainfall are:—Cox's Bazar 2"; Brahmanbaria 1⅛" and Chittagong ¾".
Day temperatures were 3-5°F below normal in Kalat, Quetta, Lahore, Rawalpindi and Multan divisions and were 4-6°F above normal in East Pakistan and 3-4°F so in Bahawalpur and Hyderabad divisions.
Forecast valid until the evening of 17th:—Scattered thunderstorms/showers will occur in Dacca and Chittagong divisions. Dry weather will prevail over rest of the country.

Karachi-11.
The 16th September, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions	Station	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs and tenths)* PPP	DryBulb Temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	7	31	03	96	02	2	069	87	7	9	6	1	0	79	91
	Chittagong	000	0	3	27	05	96	01	1	058	88	1	3	8	1	1	80	93
	Maijdee Court	000	9	4	00	00	98	03	0	057	88	7	7	6	2	x	79	93
	Comilla	000	0	3	00	00	97	03	0	061	87	3	3	7	0	0	80	93
	Brahmanbaria	156	5	7	00	00	97	03	9	055	84	4	5	5	0	0	81	92
	Sylhet	000	6	5	00	00	96	01	9	052	83	1	0	9	2	8	77	91
	Srimangal	030	0	4	00	00	97	13	1	056	86	2	1	7	0	2	81	91
Dacca	Mymensingh	000	0	6	00	00	98	02	1	059	90	0	1	9	0	8	79	93
	Narayanganj	000	9	5	00	00	95	03	1	057	87	2	4	6	0	8	79	94
	Dacca (Tejgaon)	000	6	4	00	00	98	01	2	052	88	1	2	6	0	2	81	92
	Faridpur	000	8	4	00	00	96	01	1	053	91	2	4	8	1	0	78	93
	Barisal	000	6	1	00	00	96	01	1	056	90	1	0	8	2	0	82	94
Rajshahi	Khulna	000	0	0	00	00	97	00	0	060	90	0	0	9	0	0	77	96
	Satkhira	000	0	2	00	00	98	01	0	056	91	0	0	8	6	0	90	94
	Jessore	000	0	2	18	02	97	01	1	053	90	2	0	9	6	0	82	95
	Sirajganj	000	0	2	00	00	96	00	0	036	88	0	0	9	0	1	79	93
	Bogra	000	0	0	27	02	56	00	0	040	91	0	0	9	0	0	79	95
	Dinajpur	000	2	4	00	00	96	01	0	049	89	2	5	7	0	9	80	93
	Rangpur	000	0	5	18	02	96	03	1	xxx	91	3	4	6	2	0	78	95
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	13	03	96	01	0	046	90	1	2	7	0	0	73	93
	Sialkot	000	0	2	13	03	97	02	1	040	89	2	1	4	x	x	72	93
Rawalpindi	Jhelum	000	6	2	13	05	97	02	0	041	88	2	1	7	0	0	70	91
	Rawalpindi	000	0	2	18	02	99	02	0	034	89	2	2	7	0	0	68	92
	Khushab	000	0	1	11	05	97	03	1	034	93	1	2	6	0	0	70	97
Multan	Lyallpur	000	0	0	00	00	96	00	0	035	93	0	0	9	0	0	78	94
	Montgomery	000	0	0	13	02	57	00	0	027	97	0	0	9	0	0	67	99
	Multan	000	0	0	23	02	96	00	0	021	99	0	0	9	0	0	56	92
Bahawalpur	Leiah																	
	Khanpur	000	0	0	20	03	96	00	0	006	04	0	0	9	0	0	79	05
	Bahawalpur	000	0	0	00	00	98	00	0	021	02	0	0	9	0	0	88	03
	Fort Abbas	000	0	0	23	02	97	00	0	009	02	0	0	9	0	0	70	06
Peshawar	Chakdara	000	0	1	00	xx	98	03	1	979	91	1	2	7	0	0	58	94
	Peshawar	000	0	1	05	03	97	02	0	001	94	1	2	6	0	0	57	97
	Haripur	000	0	1	05	02	97	01	0	000	92	1	1	6	x	x	65	95
	Campbellpur	000	0	2	18	03	98	03	1	008	98	2	2	6	0	0	57	98
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	002	95	0	0	9	0	0	65	97
	D.I. Khan	000	0	0	00	00	98	00	0	027	00	0	0	9	0	0	69	01
Quetta	Sibi	000	0	0	23	01	98	00	0	986	10	0	0	9	0	0	73	12
Kalat	Nokkundi	000	0	0	34	05	99	02	0	021	96	0	0	9	0	0	88	99
	Turbat	000	0	0	23	02	97	00	0	005	xx	0	0	9	0	0	89	07
	Jiwani	000	0	3	16	09	97	02	1	059	82	3	5	4	0	0	76	86
	Pasni	000	0	0	23	23	96	07	0	066	85	0	0	9	0	0	73	87
	Ormara	000	0	0	xx	10	97	00	0	067	84	0	0	9	0	0	78	85
	Las Bela	000	0	0	13	04	98	00	7	046	94	0	0	9	0	0	75	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	09	98	02	0	062	81	0	0	9	0	0	74	85
	Karachi (Air port)	000	0	6	25	14	96	03	2	059	83	6	5	5	0	0	76	87
	Badin	000	0	0	23	02	97	00	0	044	95	0	0	9	0	0	73	98
	Nagarparkar	xxx	x	0	27	03	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	27	03	97	00	0	025	95	0	0	9	0	0	74	97
	Hyderabad	000	0	0	23	14	96	07	0	045	91	0	0	9	0	0	71	97
Khairpur	Pad-i-dan	000	0	0	18	05	98	02	0	015	05	0	0	9	0	0	34	07
	Nawabshah	000	0	0	18	12	97	02	0	028	02	0	0	9	0	0	62	06
	Sukkur	000	0	0	00	00	96	00	0	010	02	0	0	9	0	0	68	03
	Kashmore	000	0	0	36	03	99	00	0	006	xx	0	0	9	9	0	xx	xx
	Jacobabad	000	0	0	13	03	97	02	0	013	02	0	0	9	0	0	55	04
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	02	99	00	0	045	90	0	0	9	0	0	80	94
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	104	65	0	0	9	0	0	22	74
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	5	7	31	03	97	02	1	473	65	7	9	3	0	0	62	71
Peshawar	Drosh *	000	0	0	23	09	96	02	0	431	99	0	0	9	0	0	21	98
	Cherat *	000	0	0	13	05	96	00	0	460	84	0	0	9	0	0	47	87
	Kakul *	000	0	2	20	02	99	01	1	470	82	2	1	8	0	0	60	85
	Landi Kotal *	000	0	0	02	03	98	00	0	453	88	0	0	9	0	0	85	92
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	798	79	0	0	9	0	0	49	xx
	Miranshah *	000	0	0	05	02	99	00	0	487	90	0	0	9	0	0	47	93
	Wana *	000	0	6	11	03	99	00	0	438	85	6	0	9	0	0	46	91
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	478	88	0	0	9	0	0	17	90
	Hindubagh *	000	0	0	27	02	98	00	0	453	86	0	0	9	0	0	43	88
	Loralai *	000	0	0	23	02	98	00	0	xxx	xx	0	0	9	0	0	57	93
	Harnai *	000	0	0	09	02	99	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	34	02	97	00	0	452	83	0	0	9	0	0	40	88
	Chaman *	000	0	0	23	05	98	00	0	476	88	0	0	9	0	0	75	89
Kalat	Kalat *	000	0	0	16	03	98	00	0	455	76	0	0	9	0	0	42	92
	Nushki *	000	0	0	36	09	96	00	0	543	91	0	0	9	0	0	39	93
	Dalbandin *	000	0	0	31	03	97	02	0	480	95	0	0	9	0	0	38	96
	Panjgur *	000	0	0	36	03	98	00	0	480	91	0	0	9	0	0	32	92
Afghanistan	Kabul *	000	0	0	36	02	99	03	0	501	75	0	0	9	0	0	52	84
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions	Station	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level pressure (mbs and tenths)* PFP	Dry Bulb Temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature °F TnTn	Departure: Maximum Temperature TxTx	Departure: Minimum Temperature TnTn	Rainfall: Since 1st June 1957 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1957 to date	Rainfall: Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	202	6	5	11	07	96	01	9	094	83	4	3	7	1	2	79	75	+ 4	- 1	105.0	+ 1.6	115.8	140
	Chittagong	087	7	6	05	05	97	01	6	098	78	4	3	6	2	0	77	75	+ 6	- 2	66.6	- 5.8	74.1	108
	Maijdee Court	000	6	8	00	00	98	02	2	093	84	0	0	9	2	0	80	83	+ 7	+ 5	57.5	- 19.9	67.4	115
	Comilla	000	0	4	00	00	98	01	0	090	87	4	2	7	0	0	81	82	+ 4	+ 5	43.9	- 14.4	55.8	[illegible]
	Brahmanbaria	156	0	5	00	00	97	03	2	091	87	5	4	5	0	0	80	83	—	—	38.3	- 5.5	54.4	78
	Sylhet	000	6	8	09	05	96	03	9	091	82	3	5	6	2	x	77	76	—	—	65.5	—	116.0	[illegible]
	Srimangal	000	0	4	00	00	97	02	1	097	84	4	1	7	0	0	80	77	+ 5	+ 2	60.2	+ 6.9	[illegible]	97
Dacca	Mymensingh																							91
	Narayanganj	000	9	7	27	02	96	03	2	092	87	4	5	6	0	8	80	83	+ 5	+ 4	47.8	+ 2.9	61.3	74
	Dacca (Tejgaon)	000	9	5	00	00	97	01	1	086	87	4	8	5	3	0	81	81	—	—	43.9	—	58.9	
	Faridpur	000	9	6	16	02	96	03	0	092	87	2	5	7	1	0	81	79	+ 5	+ 1	37.8	- 5.3	49.9	21
	Barisal	000	4	8	00	00	95	03	4	089	85	5	7	9	4	8	79	82	+ 6	+ 4	38.1	—	55.9	81
Rajshahi	Khulna	000	0	6	00	00	97	01	1	092	86	6	5	7	0	0	80	81	+ 8	+ 4	38.9	- 6.2	55.9	[illegible]
	Satkhira	000	0	3	00	00	99	01	1	090	88	2	3	9	5	0	83	80	+ 5	+ 3	38.9	- 3.2	55.9	[illegible]
	Jessore	000	0	5	23	05	97	03	2	090	85	5	0	9	6	0	81	79	—	—	36.7	- 3.4	[illegible]	[illegible]
	Sirajganj	000	0	3	00	00	96	03	1	074	89	2	1	6	0	0	79	81	+ 6	+ 3	53.3	+ 12.8	[illegible]	[illegible]
	Bogra	000	0	0	23	02	98	00	0	080	87	0	0	9	0	0	81	81	+ 6	+ 3	54.4	+ [illegible]	[illegible]	[illegible]
	Dinajpur	000	0	0	00	00	96	00	0	085	87	0	0	9	0	1	79	76	+ 4	- 2	41.2	- [illegible]	[illegible]	[illegible]
	Rangpur	000	0	3	13	02	96	01	1	xxx	87	3	5	6	0	0	80	81	+ 6	+ 4	44.5	- 11.5	[illegible]	[illegible]
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.)	000	0	4	09	00	96	01	2	100	77	4	5	6	0	0	73	70	- 5	- 2	16.7	+ 2.7	25.4	19
	Sialkot	000	0	0	00	00	97	00	0	095	78	0	0	9	0	0	72	73	- 3	- 1	21.9	- 10.5	45.1	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	098	80	0	0	9	0	0	71	72	—	—	16.7	—	27.3	..
	Rawalpindi	000	0	0	00	00	99	00	1	082	52	0	0	9	0	0	69	71	- 2	+ 2	14.4	- 4.1	30.3	36
	Khushab	000	0	0	00	00	98	00	0	103	83	0	0	9	0	0	69	77	- 3	+ 1	8.2	- 1.5	17.0	15
Multan	Lyallpur	000	0	0	02	02	96	00	0	102	76	0	0	9	0	0	71	73	- 4	- 1	10.1	- 7.3	16.2	12
	Montgomery	000	0	0	13	02	98	00	0	063	79	0	0	9	0	0	72	[illegible]	- 1	- 1	6.4	- 8.4	10.2	10
	Multan	000	0	0	13	03	96	00	0	082	79	0	0	9	0	0	70	71	- 7	- 6	0.7	- 3.9	4.1	7
Bahawalpur	Leiah																							[illegible]
	Khanpur	000	0	0	25	03	96	00	0	097	78	0	0	9	0	0	75	74	+ 4	- 1	0.2	- 4.5	1.2	[illegible]
	Bahawalpur	000	0	0	00	00	97	00	0	088	83	0	0	9	0	0	75	74	+ 3	0	1.3	- 2.9	2.5	[illegible]
	Fort Abbas	000	0	0	23	02	90	00	0	095	75	0	0	9	0	0	63	77	—	—	—	—	—	[illegible]
Peshawar	Chakdara	000	0	6	27	xx	97	02	1	090	71	0	x	8	7	x	59	54	—	—	2.7	—	17.5	..
	Peshawar	000	0	1	30	04	96	02	0	092	78	1	2	6	0	0	72	75	+ 1	+ 4	1.9	- 3.2	13.0	14
	Haripur	000	3	2	27	02	98	01	0	085	81	2	1	6	x	x	69	73	—	—	—	—	—	..
	Campbellpur	000	0	3	00	00	96	01	1	098	83	3	2	6	0	0	71	78	—	—	5.7	—	11.1	..
D.I. Khan	Bannu	000	0	0	05	02	99	00	0	095	83	0	0	9	0	0	73	78	—	—	2.4	—	9.5	11
	D.I. Khan	000	0	0	05	02	98	00	0	091	81	0	0	9	0	0	72	77	0	+ 2	2.3	- 3.0	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	081	78	0	0	9	0	0	64	78	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	16	02	99	02	0	110	72	0	0	9	0	0	45	67	—	—	0	—	1.9	2
	Turbat	000	0	0	23	02	98	03	0	109	83	0	0	9	0	0	xx	82	—	—	2.5	—	2.7	..
	Jiwani	000	0	6	18	05	96	02	2	105	78	6	6	4	0	0	74	74	—	—	0	—	3.1	4
	Pasni	000	0	2	23	00	94	41	0	124	75	2	5	7	0	0	72	71	- 3	- 2	0	- 0.9	6.2	6
	Ormara	000	0	7	xx	02	98	02	1	123	79	7	4	5	0	0	75	74	—	—	0	- 0.8	3.8	6
	Las Bela	000	0	0	09	02	98	09	1	115	80	0	0	9	0	0	74	76	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	29	05	97	03	1	107	78	4	6	4	0	0	75	76	0	- 1	0.6	- 5.3	1.1	8
	Karachi (Air port)	000	0	6	25	03	97	02	2	110	79	6	6	5	0	0	74	72	—	—	0.9	—	1.4	..
	Badin	000	0	0	23	02	96	00	0	104	80	0	0	9	0	0	71	xx	+ 3	x	3.6	- 3.5	3.6	9
	Nagarparkar	xxx	x	0	21	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	x	x	—	—	—	..
	Umarkot	000	0	0	23	01	xx	00	0	105	80	0	0	9	0	0	76	xx	—	—	4.7	—	4.7	..
	Hyderabad	000	0	0	23	10	97	02	0	096	78	0	0	9	0	0	71	75	0	- 1	0.9	- 4.9	2.8	7
Khairpur	Pad-i-dan	000	0	1	13	05	98	02	0	075	75	0	0	9	0	1	65	70	—	—	0.1	—	1.4	..
	Nawabshah																		—					
	Sukkur	000	0	0	13	03	96	00	0	078	79	0	0	9	0	0	70	73	—	—	0.1	—	2.9	4
	Kashmore	000	0	0	18	00	99	00	0	089	81	0	0	9	0	0	72	71	x	—	—	—	—	..
	Jacobabad	000	0	0	09	09	96	00	0	080	78	0	0	9	0	0	70	75	+ 1	- 1	0	- 2.2	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat	000	0	0	31	02	99	00	0	074	86	0	0	9	0	0	77	86	+ 4	+ 6	0	- 0.1	6.9	4
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							[illegible]
	Sonamarg **																							[illegible]
	Dras **																							[illegible]
	Leh **																							[illegible]
	Skardu *																							[illegible]
	Misgar **																		—					[illegible]
	Aliabad *																							5
	Gilgit *																							
Rawalpindi	Murree *	000	9	2	29	03	98	01	1	509	62	2	0	9	8	0	55	56	+ 1	0	23.4	- 10.3	57.1	59
Peshawar	Drosh *	000	0	0	00	00	96	02	0	511	66	0	0	9	0	0	40	62	+ 9	- 2	2.0	—	24.2	19
	Cherat *	000	2	0	18	02	96	00	0	515	69	0	0	9	0	0	65	68	+ 2	+ 3	4.3	- 7.2	25.1	29
	Kakul *	000	9	1	00	00	96	01	0	515	72	1	2	7	0	0	61	65	—	—	14.2	—	41.8	..
	Landi Kotal *	000	0	0	02	02	97	00	0	501	75	0	0	9	0	0	67	69	—	—	1.1	—	15.3	
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	796	69	0	0	9	0	0	46	xx	—	—	6.7	—	25.8	29
	Miranshah *	000	0	0	00	00	99	00	0	453	78	0	0	9	0	0	66	73	—	—	3.1	- 1.1	15.4	13
	Wana *	000	0	0	00	00	98	00	0	503	71	0	0	9	0	0	56	63	—	—	—	—	—	
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	517	75	0	0	9	0	0	53	61	- 4	- 3	2.4	- 2.5	12.9	11
	Hindubagh *	000	0	0	00	00	98	00	0	512	59	0	0	9	0	0	35	54	—	—	0	—	12.3	
	Loralai *	000	0	0	31	02	98	00	0	498	62	0	0	9	0	0	18	55	—	—	1.9	—	10.7	
	Harnai *	000	0	0	31	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	2.0	- 5.2	14.3	14
	Quetta *	000	0	0	00	00	96	00	0	508	56	0	0	9	0	0	31	42	—	—	0	—	9.5	9
	Chaman *	000	0	0	11	02	97	00	0	520	74	0	0	9	0	0	62	60	- 3	- 2	0	- 0.2	10.2	8
Kalat	Kalat *	000	0	0	00	00	98	00	0	526	60	0	0	9	0	0	39	42	- 2	- 5	0	- 1.2	8.4	7
	Nushki *	000	0	0	05	03	97	00	0	945	72	0	0	9	0	0	32	67	—	—	0	—	8.0	[illegible]
	Dalbandin *	000	0	0	00	00	97	02	0	498	64	0	0	9	0	0	34	58	- 5	- 5	0	- 0.3	4.4	4
	Panjgur *	000	0	0	05	03	98	00	0	487	63	0	0	9	0	0	39	58	- 4	- 5	0	—	4.2	5
Afghanistan	Kabul *	000	0	0	33	00	99	00	0	577	48	0	0	9	0	0	39	44	—	—	—	—	—	12
	Kandahar *																							

†Given in Code
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day
Whenever 999 is given for RRR see the Summary above for the actual amount of rainfall.

WEATHER BUREAU

PAKISTAN DAILY WEATHER REPORT

MONDAY, [illegible] SEPTEMBER, [illegible]

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TTT	N_hC_hh C_mC_m C_hC_h	D_s V_s a PP	8 N_s Ch_s h_s	O T_sT_s T_dT_d	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udomaru	13 283	639 06	4 24 14	98 02 1	085 28	34 5 4x	7 6 110	8-02xx		
Vivigara	13 204	594 06	1 19 12	97 xx 1	xx x 29					
Salome	13 237	589 06	0 08 05	98 02 0	080 31	00 9 00	7 5 400	0 14 26	4 17 21	
Udomaru	13 192	653 00	6 29 10	97 02 1	060 26	34 5 4x	7 4 400	0 00 xx		
Salome	13 249	580 12	0 00 00	98 02 0	046 31	00 9 00	7 5 720	0 08 27	1 00 x0	
Sanmaru	13 225	614 12	0 22 20	98 02 0	060 27	00 9 00	3 6 310	0 04 24		

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHT TT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	006 250 232	080 250 250	..	500 199 008	..	162 135 645	433 035 732	897 522 999	552 592 999	820 742	..	..	..
Lahore														
Multan														
Peshawar														
Quetta	00 00	831 118 518	..	..	..	..	139 105 518	397 012 999	833 598 999	..	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached: PPP TTT $T_dT_dT_d$	TROPOPAUSE: Sc. HHHH TT	TROPOPAUSE: Sc. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	900 215 192	865 222 082	800 212 538	350 652 999	266 788 999	250 832 999	232 862 999	..	..	232 862 999	..	..
Lahore													
Multan													
Peshawar													
Quetta	00 00	827 158 015	817 178 042	805 182 015	800 168 028	650 058 578	632 052 612	588 000 900	..	..	588 000 900	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$: Dry Bulb ; Dew Point temperatures (in tenths of 9C)
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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	20 04	21 13	21 12	25 08	30 09	30 06	26 03	30 07	27 08	24 21	24 11	25 10	27 03	27 04	..	22 06	21 06	22 05		..	..	..	..	..	..	..
Chaldala																						..	..	..	..	..
Chhor	23 27	28 27	22 23	..	..	..	..	..	..	24 08	24 23	25 27										..	..	..	..	..
Chittagong	31 07	32 07	33 07	36 06	04 07	13 06	35 07	20 06	13 05	01 06	36 07	35 07	34 06	29 02	26 05	27 03	28 04	28 05	34 03	02 01	33 02	..	..	..	..	..
Cox's Bazar	32 09	34 06	34 08	20 04	16 04	10 06	09 06	12 09	10 10	07 09	04 08	02 08	03 06			16 09	15 04	04 01	06 01	09 04	08 04	19 02	..	..	..	..
Dacca	28 06	26 06	25 05	07 01	06 02	29 02	22 06	34 17		27 08	27 07	27 04	23 02	24 02	26 04	26 02	24 02	23 02	28 04	27 04	16 03	20 02				
Dalbandin			34 01	31 03	33 08	32 14	05 13	09 10	15 07	..		07 11	06 11	08 08	25 08			07 07	08 11	09 05	01 02	14 08	13 12	14 12	27 19	
D. I. Khan	..	..																								
Drosh		..	..	23 17	22 27	15 11	23 19						01 00	22 05	18 03			..		23 05	21 07	20 10	19 06	16 11	22 11	
Fort Sandeman		..		30 05	31 01	20 03	28 14	30 17	30 31	..	..	..	04 05	01 15	33 05	..		..	25 01	25 05	26 05	31 07	32 15	27 18	27 18	25 39
Jacobabad	17 07	20 04	22 04	25 06	25 06	23 04	04 09	05 11	30 09	14 19	18 17	22 11	22 10	19 07	14 06	14 08	13 07	19 06	15 08	15 08	13 17	02 10	11 22	04 25	26 29	26 28
Jessore																										
Jhelum	13 06	15 09	15 07	29 08	31 04	32 06	31 09	27 08	26 09	25 04	06 03	10 02	04 05	34 13	01 16	21 04	24 04	28 03	34 10	34 11	02 07	36 02	36 10	33 08	35 13	27 47
Jiwani	19 09	24 07	30 04	30 09	35 08	35 11	03 10	05 06	32 10	15 06	23 11	26 05	..			x7 08	17 06	..		..	..		..			
Karachi	25 17	26 21	25 24		..	..	..	..	..	26 14	26 17					26 17	27 17									
Khanpur	23 15	23 14	23 16	23 17	24 12	26 06	35 10	02 12	31 12	24 16	xx xx	xx xx	xx xx	20 07	01 06	26 05	34 05	30 06	27 08	22 12	25 05	11 02	03 10	04 08	36 11	
Lahore	14 04	14 07	14 06	12 03	32 09	30 19	28 09	28 10	26 33	11 08	09 08	05 08	35 14	35 22	33 15	09 03	05 09	07 12	07 12	05 09	03 13	02 11	01 09	33 12	31 13	26 24
Multan	24 30	14 06	17 04	17 04	24 05	24 07	27 07	28 11	31 17	11 15	19 11	22 04	32 03	29 06	30 10	01 07	06 10	06 14	04 08	06 02	26 10	26 15	30 12	35 09	36 13	28 35
Muscat	..				..	..	..	..		..		..	..	..	..	..		..		..						
Panjgur	..											..	..													
Peshawar	..	17 22	11 19	14 18	17 15	19 13	21 07	31 17	31 16	..	..		..			..	05 03	31 02	26 03	28 07	26 10	22 09	28 15	30 18	29 17	
Quetta	..	..		..	30 06	28 04	09 07	01 13	34 13		..	..	..	27 02	28 10					37 01	5 04	17 03	28 04	33 03	27 07	26 39
Sharjah												..	..													
Sylhet	26 04	28 04	29 06	29 08	31 03	25 05	26 03	20 05	24 05	..		..	..	..	..	15 02	01 04	11 03	xx xx	28 12	25 12	21 12	22 11	18 07		
Veraval												..	..													

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	25 04	31 10	31 14	31 15	31 12	04 05	08 23	04 04	03 03	33 08	28 13	26 14						
Peshawar																		
Quetta																		

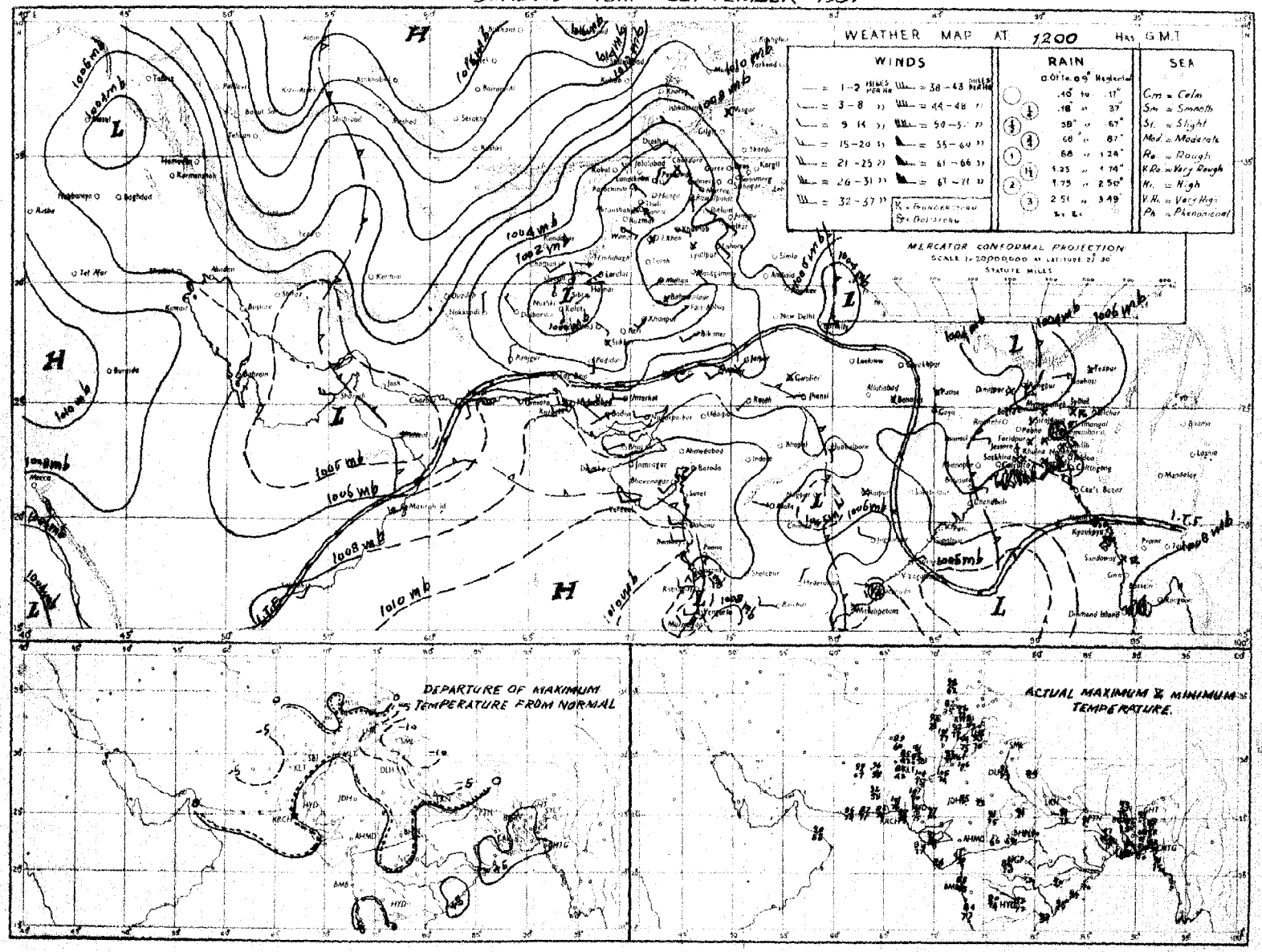
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_TV_T$ etc)

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

PAKISTAN DAILY WEATHER MAP

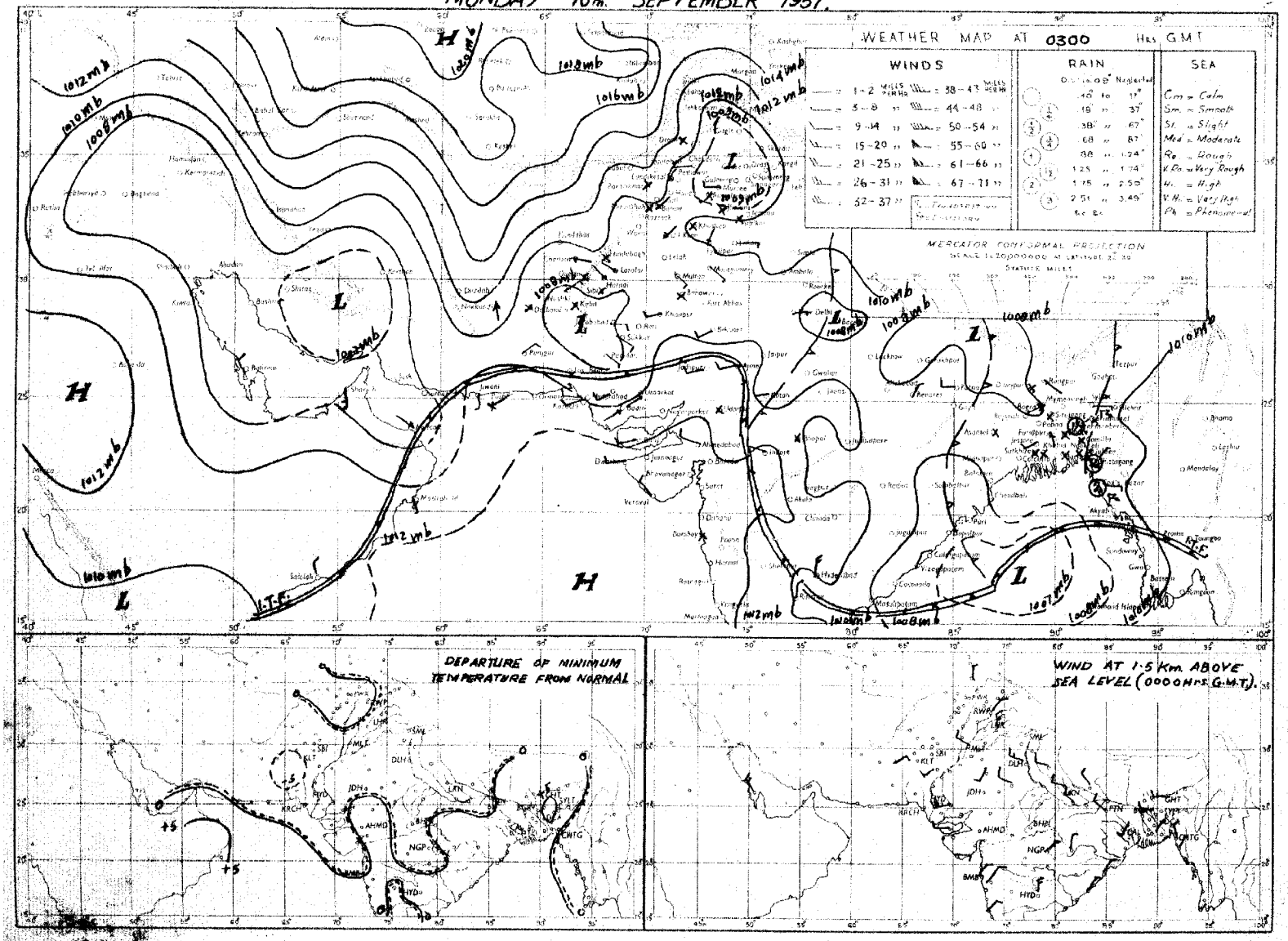
SUNDAY 15th SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

MONDAY 16th. SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1457

TUESDAY, THE 17th SEPTEMBER, 1957.

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

Trough of low persists in West Central Bay of Bengal.

Thunderstorms/showers have been local in Chittagong division and scattered elsewhere over East Pakistan. Weather remained dry elsewhere over the country.

Chief amounts of rainfall are:—Cox's Bazar 6"; Maijdee Court and Mymensingh 1" each; Sylhet ¾" and Sirajganj ¼".

Day temperatures were 4-8°F above normal in East Pakistan and were 3-5°F below normal in Lahore, Multan and Khairpur divisions.

Forecast valid until the evening of 18th:—Thunderstorms/showers will be local in East Pakistan. Weather will be dry in West Pakistan.

Karachi-11.
The 17th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	DryBulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	4	6	20	03	96	03	9	077	85	5	9	6	2	9	75	89
	Chittagong	000	0	4	23	09	96	01	1	065	85	2	3	7	2	0	79	91
	Maijdee Court	100	1	6	00	00	98	50	6	057	83	1	5	5	1	0	79	93
	~~Comilla~~	~~000~~	~~0~~	~~2~~	~~08~~	~~00~~	~~98~~	~~01~~	~~0~~	~~073~~	~~87~~	~~2~~	~~2~~	~~7~~	~~0~~	~~0~~	~~80~~	~~92~~
	Brahmanbaria	000	0	2	18	02	97	01	2	063	86	2	5	5	0	0	81	92
	Sylhet	000	0	4	00	00	96	02	1	062	85	1	1	6	2	2	77	92
	Srimangal	008	3	2	00	00	96	02	9	065	80	2	4	6	0	0	79	93
Dacca	Mymensingh	089	[illegible]	6	27	02	96	21	6	058	82	6	2	5	0	0	79	94
	Narayanganj	000	9	7	18	02	96	03	2	060	89	3	4	6	0	9	79	93
	Dacca (Tezgaon)	000	8	7	23	02	98	03	1	059	87	2	3	6	3	1	79	93
	Faridpur	000	8	2	00	00	96	01	1	060	87	1	4	8	1	0	79	93
	Barisal																	
Rajshahi	Khulna	000	0	7	00	00	97	01	1	067	87	4	4	7	3	0	80	96
	Satkhira	000	0	5	00	00	98	03	1	063	88	3	5	8	9	0	87	94
	Jessore	000	0	4	18	03	97	02	1	059	92	2	8	6	6	0	81	95
	Sirajganj	025	2	6	00	00	96	01	9	048	81	4	0	9	9	1	80	93
	Bogra	000	0	7	00	00	96	02	9	043	86	7	7	6	0	0	80	95
	Dinajpur	000	0	0	00	00	96	00	0	058	91	0	0	9	0	0	78	96
	Rangpur	000	0	7	23	02	96	03	1	xxx	88	6	5	6	2	0	81	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	1	27	03	98	01	2	066	93	1	2	7	0	0	73	95
	Sialkot	000	0	0	00	00	97	00	0	050	94	0	0	9	0	0	63	95
Rawalpindi	Jhelum	000	2	0	23	05	97	02	0	047	95	0	0	9	0	0	72	97
	Rawalpindi	000	0	0	00	00	99	00	1	035	89	0	0	9	0	0	68	93
	Khushab	000	0	1	24	05	98	03	1	054	96	1	2	6	0	0	69	98
Multan	Lyallpur	000	0	0	00	00	96	00	0	066	93	0	0	9	0	0	72	94
	Montgomery	000	0	0	00	00	96	00	0	057	93	0	0	9	0	0	68	95
	Multan	000	0	0	23	02	96	00	0	069	97	0	0	9	0	0	76	99
Bahawalpur	Leiah																	
	Khanpur	000	0	0	32	03	96	00	0	071	00	0	0	9	0	0	81	01
	Bahawalpur	000	0	0	00	00	97	00	0	062	96	0	0	9	0	0	76	98
	Fort Abbas	000	0	0	23	02	97	00	0	055	00	0	0	9	0	0	41	03
Peshawar	Chakdara	000	0	2	xx	xx	98	01	2	001	90	2	2	7	0	0	65	92
	Peshawar	000	0	3	05	03	97	02	0	033	93	2	9	6	3	0	68	95
	Haripur	000	5	3	23	02	97	03	0	040	92	3	2	6	0	0	80	96
	Campbellpur	000	0	3	27	07	98	03	1	044	96	3	3	6	0	0	66	96
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	046	94	0	0	9	0	0	69	95
	D.I. Khan	000	0	0	00	00	98	00	0	027	00	0	0	9	0	0	69	01
Quetta	Sibi	000	0	0	23	01	99	00	0	048	04	0	0	9	0	0	78	05
Kalat	Nokkundi	000	0	0	36	02	99	02	0	051	98	0	0	9	0	0	49	99
	Turbat	000	0	0	23	02	97	00	0	105	02	0	0	9	0	0	xx	05
	Jiwani	000	0	2	18	09	97	01	1	104	81	2	5	5	0	0	72	85
	Pasni	000	0	0	23	16	96	00	0	120	83	0	0	9	0	0	71	87
	Ormara	000	0	3	xx	xx	98	02	1	122	84	3	0	9	4	0	78	85
	Las Bela	000	0	0	13	07	97	02	0	111	91	0	0	9	0	0	75	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	98	01	1	093	82	0	0	9	0	1	75	84
	Karachi (Air port)	000	0	2	25	09	97	01	1	102	86	0	0	9	0	1	74	88
	Badin	000	0	0	23	02	97	00	0	104	93	0	0	9	0	0	75	97
	Nagarparkar	xxx	x	0	00	00	98	00	0	xxx	xx	0	0	0	0	0	xx	xx
	Umarkot	000	0	0	27	03	97	00	0	083	96	0	0	9	0	0	73	97
	Hyderabad	000	0	4	23	10	97	01	1	082	94	0	0	9	0	1	61	97
Khairpur	Pad-i-dan	000	0	1	13	05	98	02	0	064	03	0	0	9	0	1	51	xx
	Nawabshah	000	0	1	18	05	97	02	0	076	00	0	0	9	0	1	59	03
	Sukkur	000	0	0	00	00	96	00	0	061	99	0	0	9	0	0	69	01
	Kashmore	000	0	0	18	03	99	00	0	074	xx	0	0	9	0	0	71	xx
	Jacobabad	007	0	0	18	07	97	02	0	078	97	0	0	9	0	0	70	97
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	05	22	99	00	0	078	88	0	0	9	0	0	80	92
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	1	34	03	98	01	1	491	69	1	1	5	0	0	57	71
Peshawar	~~Drosh *~~	~~000~~	~~0~~	~~4~~	~~23~~	~~07~~	~~96~~	~~03~~	~~0~~	~~469~~	~~83~~	~~4~~	~~2~~	~~7~~	~~0~~	~~0~~	~~40~~	~~90~~
	Cherat *	000	7	2	16	02	96	01	1	501	83	1	2	6	0	9	51	85
	Kakul *	000	7	2	20	03	98	02	1	499	81	2	2	7	0	0	61	85
	Landi Kotal *	000	0	0	20	03	97	00	0	478	71	0	0	9	0	0	66	89
D.I. Khan	Parachinar *	000	0	0	36	02	99	00	0	795	58	0	0	9	0	0	46	xx
	Miranshah *	000	0	4	07	02	99	01	1	485	88	4	0	9	3	0	80	90
	Wana *	000	0	2	13	01	98	02	1	476	85	2	2	8	0	0	49	88
Quetta	Fort Sandeman *	000	0	0	36	02	96	00	0	489	90	0	0	9	0	0	38	93
	~~Hindubagh *~~	~~000~~	~~0~~	~~0~~	~~00~~	~~00~~	~~98~~	~~00~~	~~0~~	~~478~~	~~87~~	~~0~~	~~0~~	~~9~~	~~0~~	~~0~~	~~42~~	~~90~~
	Loralai *	000	0	0	23	02	98	00	0	478	86	0	0	9	0	0	27	88
	Harnai *	000	0	0	09	02	99	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	34	02	98	00	0	485	84	0	0	9	0	0	58	87
Kalat	Chaman *	000	0	0	23	03	98	00	0	504	88	0	0	9	0	0	77	90
	Kalat *	000	0	0	27	05	98	00	0	491	80	0	0	9	0	0	47	85
	Nushki *	000	0	0	36	09	96	00	0	537	95	0	0	9	0	0	45	96
	Dalbandin *	000	0	0	03	02	97	02	0	510	94	0	0	9	0	0	27	96
	Panjgur *	000	0	0	31	03	98	00	0	507	91	0	0	9	0	0	46	93
Afghanistan	Kabul *	000	0	0	00	00	99	00	0	511	76	0	0	9	0	0	50	77
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1957 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	570	9	8	11	02	95	91	9	094	75	7	4	6	2	x	75	76	+ 2	0	110.7	+ 6.9	121.5	140
Chittagong	000	5	2	13	08	97	02	9	096	81	4	3	5	2	0	75	78	+ 4	+ 1	66.6	− 6.1	74.1	108
Maijdee Court	110	6	6	00	00	98	01	6	093	85	4	2	6	2	x	78	81	+ 6	+ 3	58.6	− 19.3	68.5	115
~~Comilla~~	~~000~~	~~0~~	~~6~~	~~23~~	~~02~~	~~98~~	~~03~~	~~0~~	~~090~~	~~86~~	~~6~~	~~3~~	~~5~~	~~0~~	~~0~~	~~79~~	~~81~~	~~+ 4~~	~~+ 4~~	~~43.9~~	~~− 14.8~~	~~55.8~~	~~94~~
Brahmanbaria	000	0	5	23	05	97	03	2	089	87	5	4	5	0	0	79	81	—	+	38.3	− 5.9	54.1	78
Sylhet	075	6	8	36	05	96	97	9	087	75	6	4	5	3	x	74	75	—	+	66.2	—	116.8	..
Srimangal	008	0	7	23	17	97	01	9	089	85	6	1	7	3	0	79	77	+ 2	+ 2	80.3	+ 5.6	86.9	[illegible]
Mymensingh	089	[illegible]	4	27	02	98	02	2	086	85	4	2	4	0	0	84	80	+ 6	+ 2	19.5	− 38.0	60.3	91
Narayanganj	000	9	7	27	02	96	03	2	099	87	5	5	6	0	1	79	82	+ 5	+ 3	47.2	+ 2.5	61.3	74
Dacca (Tezgaon)	000	9	7	27	05	98	02	1	084	66	5	8	4	4	0	79	81	—	—	43.9	—	52.9	
Faridpur	000	9	6	29	02	96	03	0	082	87	3	5	7	1	0	77	79	+ 6	+ 1	37.8	− 5.6	49.9	71
Barisal	000	3	8	13	01	95	03	4	098	88	7	0	9	6	2	85	82		+ 4	38.8	− 13.2	55.9	[illegible]
Khulna	000	0	7	00	00	97	01	1	093	87	7	4	7	0	0	81	81	+ 8	+ 4	36.9	− 6.4	44.9	[illegible]
Satkhira	000	0	5	18	02	99	01	1	088	86	4	5	7	9	0	83	80	+ 5	+ 3	34.9	+ 7.5	50.6	[illegible]
Jessore	000	0	4	23	05	97	01	0	084	85	4	8	6	0	0	79	80	—	—	36.7	− 3.6	40.1	[illegible]
Sirajganj	025	9	6	00	00	96	02	6	069	88	4	2	5	0	0	81	80	+ 6	+ 2	53.6	+ 12.4	63.2	[illegible]
Bogra	000	0	4	27	02	97	03	1	077	88	4	4	6	0	0	79	80	+ 7	+ 2	54.4	+ 8.9	61.9	[illegible]
Dinajpur	000	0	0	00	00	96	00	0	086	88	0	0	9	0	0	78	77	+ 8	− 1	41.2	− 9.5	44.4	[illegible]
Rangpur	000	0	3	13	02	96	03	1	xxx	87	3	5	6	0	0	80	81	+ 6	+ 4	44.5	− 11.8	53.3	[illegible]
Jammu																							
Lahore (Jail Rd.)	000	0	0	27	02	96	02	2	073	83	0	0	9	0	0	72	76	− 3	+ 4	16.7	+ 2.7	25.4	19
Sialkot	000	0	0	13	02	97	00	0	063	83	0	0	9	0	0	74	76	0	+ 2	21.9	− 0.6	45.1	32
Jhelum	000	0	0	05	02	95	05	0	067	82	0	0	9	0	0	72	77	—	—	16.7	—	27.3	
Rawalpindi	000	0	0	00	00	99	00	1	052	56	0	0	9	0	0	68	71	− 1	+ 2	14.4	− 8.2	30.3	36
Khushab	000	0	0	27	03	98	00	0	068	87	0	0	9	0	0	68	76	− 1	0	8.2	− 1.5	17.0	15
Lyallpur	000	0	0	16	02	96	00	0	071	82	0	0	9	0	0	63	75	− 4	+ 1	10.1	+ 1.2	16.2	[illegible]
Montgomery	000	0	0	18	02	97	00	0	080	80	0	0	9	0	0	73	74	− 5	− 1	6.4	− 0.5	10.2	[illegible]
Multan	000	0	0	13	02	96	00	0	073	84	0	0	9	0	0	65	73	0	− 4	0.7	− 4.0	4.1	[illegible]
Leiah																							
Khanpur	000	0	0	23	04	96	00	0	081	81	0	0	9	0	0	72	72	0	− 3	0.2	− 4.5	1.2	[illegible]
Bahawalpur	000	0	0	00	00	97	00	0	071	82	0	0	9	0	0	70	74	− 2	0	1.3	− 2.9	2.5	[illegible]
Fort Abbas	000	0	0	23	03	97	00	0	078	81	0	0	9	0	0	77	76	—	—	2.6	—	5.5	[illegible]
Chakdara	000	0	0	xx	xx	97	00	0	062	74	0	0	9	0	0	57	54	—	—	2.7	—	17.9	14
Peshawar	000	0	0	18	02	99	02	0	056	81	0	0	9	0	0	68	74	0	+ 3	1.9	− 2.2	13.0	..
Haripur	000	0	0	23	02	97	00	0	062	82	0	0	9	0	0	58	72	—	—	7.9	—	11.9	..
Campbellpur	000	0	0	00	00	98	00	0	081	82	0	0	9	0	0	74	77	—	—	5.7	—	21.1	..
Bannu	000	0	0	00	00	99	00	0	059	84	0	0	9	0	0	69	74	—	—	2.4	—	9.5	11
D.I. Khan	000	0	0	00	00	98	00	0	062	81	0	0	9	0	0	72	76	+ 1	+ 1	2.3	− 3.0	7.8	10
Sibi	000	0	0	00	00	98	00	0	076	81	0	0	9	0	0	62	81	—	—	1.1	—	6.2	5
Nokkundi	000	0	0	02	02	96	02	0	117	72	0	0	9	0	0	32	66	—	—	0	—	1.9	2
Turbat	000	0	0	00	00	98	00	0	112	92	0	0	9	0	0	xx	81	—	—	3.5	—	5.9	..
Jiwani	000	0	2	16	05	97	01	0	129	79	2	5	4	0	0	70	73	—	—	0	—	3.1	4
Pasni	000	0	2	29	07	95	41	0	143	75	2	5	7	0	0	71	70	− 2	− 3	0	− 0.9	6.2	6
Ormara	000	0	0	xx	xx	98	00	0	143	78	0	0	9	0	0	77	75	—	—	0	− 0.8	3.8	6
Las Bela	000	0	0	00	00	98	00	0	141	78	0	0	9	0	0	75	71	—	—	1.5	—	2.6	8
Karachi (Manora)	000	0	2	29	07	97	01	0	113	79	0	0	9	0	8	72	75	− 1	− 2	0.6	− 5.3	1.1	8
Karachi (Air port)	000	0	5	27	03	96	02	1	121	78	1	6	5	0	1	74	73	—	—	0.9	—	1.4	..
Badin	000	0	0	23	02	96	00	0	104	80	0	0	9	0	0	73	xx	+ 2	—	3.6	− 3.5	3.6	9
Nagarparkar	xxx	x	0	22	03	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—		—	—	
Umarkot	000	0	0	23	03	97	00	0	106	75	0	0	9	0	0	73	72	—	—	4.7	—	4.7	
Hyderabad	000	0	0	20	03	97	02	0	106	77	0	0	9	0	0	69	73	0	− 2	0.9	− 4.9	2.8	
Pad-i-dan	000	0	1	18	05	98	03	0	086	74	0	0	9	0	1	59	61	—	—	0.1	—	1.4	
Nawabshah	000	3	2	18	03	97	03	1	099	77	0	0	9	0	1	63	69	—	—	0.1	—	0.6	
Sukkur	000	3	1	20	02	96	01	0	081	79	0	0	9	0	3	67	73	—	—	0.1	—	2.9	
Kashmore	000	0	0	23	02	99	00	0	079	81	0	0	9	0	0	67	71	—	—	—	—	—	
Jacobabad	000	0	0	00	00	97	02	0	084	75	0	0	9	0	0	65	71	− 6	− 5	0	− 2.2	3.5	
Veraval																							
Jalalabad																							
Muscat	000	0	3	31	05	97	03	0	101	84	0	0	8	2	0	80	00	+ 1	+ 2	0	− 0.1	6.9	
Kuwait																							
HILL STATIONS																							
Srinagar *																							
Gulmarg **																							
Sonamarg **																							
Dras **																							
Leh **																							
Skardu **																							
Misgar **																							
Aliabad *																							
Gilgit *																							
Murree *	000	9	0	00	00	98	00	1	490	65	0	0	9	0	0	49	57	+ 2	+ 1	23.4	− 10.4	57.1	[illegible]
~~Drosh *~~	~~000~~	~~0~~	~~0~~	~~00~~	~~00~~	~~96~~	~~02~~	~~0~~	~~450~~	~~68~~	~~0~~	~~0~~	~~9~~	~~0~~	~~0~~	~~58~~	~~65~~	~~+ 2~~	~~+ 1~~	~~2.0~~	~~—~~	~~24.2~~	~~18~~
Cherat *	000	0	0	00	00	96	00	0	497	75	0	0	9	0	0	58	68	+ 1	+ 3	4.3	− 7.2	35.4	29
Kakul *	000	0	0	27	02	96	02	0	494	73	0	0	9	0	0	62	67	—	—	14.2	—	41.8	..
Landi Kotal *	000	0	0	00	00	98	00	0	485	78	0	0	9	0	0	61	66	—	—				
Parachinar *	000	0	0	00	00	99	00	0	493	56	0	0	9	0	0	46	xx	—	—	6.7	—	25.8	29
Miranshah *	000	0	0	00	00	99	00	0	514	78	0	0	9	0	0	59	69	—	—	3.1	− 1.1	15.4	13
Wana *	000	0	0	00	00	98	00	0	465	68	0	0	9	0	0	50	55	—	—	1.4	—	13.5	..
Fort Sandeman *	000	0	0	00	00	96	00	0	506	80	0	0	9	0	0	27	57	+ 2	− 7	2.4	− 2.5	12.9	11
~~Hindubagh *~~	~~000~~	~~0~~	~~0~~	~~00~~	~~00~~	~~98~~	~~00~~	~~0~~	~~510~~	~~70~~	~~0~~	~~0~~	~~9~~	~~0~~	~~0~~	~~38~~	~~58~~	~~—~~	~~—~~	~~0~~	~~—~~	~~12.3~~	
Loralai *	000	0	0	27	02	98	00	0	468	59	0	0	9	0	0	21	45	—	—	1.9	—	13.7	..
Harnai *	000	0	0	31	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	2.0	− 5.8	14.3	11
Quetta *	000	0	0	00	00	96	00	0	507	60	0	0	9	0	0	46	42	—	—	0	—	9.5	9
Chaman *	000	0	0	20	03	97	00	0	547	70	0	0	9	0	0	61	60	0	− 2	0	− 0.2	10.4	8
Kalat *	000	0	0	00	00	98	00	0	529	59	0	0	9	0	0	21	47	+ 2	0	0	− 1.2	8.4	7
Nushki *	000	0	0	05	03	97	00	0	554	72	0	0	9	0	0	32	65	—	—	0	—	8.0	
Dalbandin *	000	0	0	00	00	97	02	0	501	68	0	0	9	0	0	31	61	− 3	− 2	0	− 0.3	4.4	
Panjgur *	000	0	0	05	02	98	00	0	501	63	0	0	9	0	0	35	56	− 1	− 7	0	—	4.2	
Kabul *																							
Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 17th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	O $T_s T_s$ $T_d T_d$	$I_d d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Macoma	..	23 220	415 00	1 25 06	99 01 0	022 79	11 6 00			..
Fujisamaru	..	23 304	642 00	1 19 08	98 02 0	085 79	18 5 00	7 6 400		..
Fujisamaru	..	23 494	465 06	3 33 03	98 03 0	130 84	10 4 01	3 4 105	0 04 73	..
Macoma	..	23 335	600 12	0 16 17	97 02 0	081 82	00 9 00			..
Alvi	..	23 471	460 08	1 718 02	93 02 0	184 81	31 6 00	12 3 140	1 51 23	1 20 30
Macoma	..	23 242	591 16	0 16 02	97 03 0	080 84	00 9 00	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPP TTT $T_d T_d T_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		At surface and Standard Isobaric Levels. HHH TTT $T_d T_d T_d$												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong														
Dacca														
Bahal														
Karachi	00, 00	008 245 238	091 248 238	..	450 235 158	..	178 135 025	465 095 518	952 022 682	733 526 782	996 865	176 905	..	
Lahore														
Multan														
Peshawar	00, 00	965 252 202	..	..	400 195 158	..	103 088 045	351 512 548	769 642 999	422 750 999	997 845	220 020	..	
Quetta	00, 00	832 125 508	..	..	..	..	161 142 395	439 035 999	901 550 699	603 685 999	973 835	..	..	

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_d T_d T_d$							Max. Height Reached PPP TTT $T_d T_d T_d$	TROPOPAUSE Sc. HHHH TT	Sc. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca													
Bahal													
Karachi	00 00	900 242 185	800 198 092	350 582 798	250 775 999	..	..	..	..	250 775 999	..	..	..
Lahore													
Multan													
Peshawar	00 00	900 230 170	800 162 128	250 800 999	250 915 999	075 070 999				075 070 999			
Quetta	00 00	800 172 532	700 172 535	500 000 999	..	..	..	..	..	040 050 999			

PPP-Pressure in hundreds tens and units of millibars.
TTT : $T_d T_d T_d$: Dry Bulb : Dew Point temperatures (in tenths of °C)
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bagra	31 04	30 07	30 10						
Chaklala		36 10	17 12	17 12	30 01	03 02	31 14	37 23	30 28
Chhor	25 14	25 14	25 15	25 12	22 09	09 14	11 20	..	..
Chittagong	23 09	25 09	28 04	02 03	05 04	05 04	20 04		..
Cox's Bazar	21 09	21 04	23 04						
Dacca	22 05	22 09	23 09	26 04	29 07	29 08	25 07	24 12	26 12
Dalbandin		..	13 03	10 08	06 05	11 03	16 07	17 07	21 09
D. I. Khan		..							
Drosh		..	..	24 07	23 11	22 17	14 03		
Fort Sandeman				21 10	25 08	23 07	32 07	33 16	32 23
Jacobabad	16 09	19 11	22 13	22 13	22 10	14 06	09 13	04 18	23 19
Jessore									
Jhelum	19 04	22 05	27 05	31 10	34 07	36 04	31 11	31 15	32 20
Jiwani	19 10	21 07	19 05	12 06	02 07	06 15	03 10	30 07	28 15
Karachi	28 09	26 12	24 17	22 13	19 07	07 01	09 25	07 24	08 17
Khanpur	25 04	23 05	24 06	29 06	26 11	31 04	07 08	02 15	33 16
Lahore	32 05	33 05	34 04	01 07	36 08	36 15	35 18	34 19	35 17
Multan	06 03	09 03	09 04	21 02	29 10	31 14	36 07	35 15	32 14
Muscat		..							
Panjgur		..							
Peshawar	..	12 04	13 03	18 13	19 10	24 08	29 15	29 29	30 33
Quetta	..	..		..	31 06	20 06	17 04	29 15	27 16
Sharjah									
Sylhet	26 07	26 09	25 09	26 11	28 10	29 17	26 15	25 15	24 13
Vezaval									

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bagra	27 18	27 15	25 14	27 12		
Chaklala	..	10 03	31 04	30 07	93 06	08 07
Chhor	25 23					
Chittagong	19 08	20 07	25 06	21 07		..
Cox's Bazar	No	ascent				
Dacca	23 13	24 13	23 20	27 04	27 07	25 09
Dalbandin	..		07 12	07 11	09 07	16 03
D. I. Khan						
Drosh	..	..		19 01	08 02	16 06
Fort Sandeman				05 05	36 05	36 14
Jacobabad	21 22	22 20	21 21	22 15	25 08	34 05
Jessore						
Jhelum	02 01	30 06	33 09	31 19	34 07	33 09
Jiwani						..
Karachi	29 19	27 14	29 14	19 10		
Khanpur	24 20	27 31	36 31	26 29	27 23	28 10
Lahore	23 12	26 07	33 12	35 09	32 08	32 12
Multan	19 08	20 10	31 09	23 08	24 15	26 19
Muscat						
Panjgur						
Peshawar	..	02 10	02 08	04 06	36 03	32 06
Quetta		..	..	..	32 08	31 15
Sharjah						
Sylhet	No	ascent	..	..	..	..
Vezaval						

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bagra	26 08	27 04	..								
Chaklala	..	..	..	..	..	..	..	..	..	..	..
Chhor											
Chittagong	14 08										
Cox's Bazar	21 06	23 04	23 04								
Dacca	23 08	23 07	23 08	24 04							
Dalbandin		..	08 07	09 08	18 03	34 08	35 12	22 13	24 11	26 45	25 42
D. I. Khan											
Drosh	..	..			06 09	36 08	36 06	37 02	27 07		
Fort Sandeman				23 02	26 07	26 12	21 07	06 08	06 15	26 55	25 49
Jacobabad	22 21	22 22	21 24	21 20	21 11	10 03	10 15	06 11	05 07	27 23	26 37
Jessore											
Jhelum	06 01	31 05	31 09	29 10	30 09	31 10	33 15	32 15	28 18	27 47	
Jiwani	18 18	16 08	12 03								
Karachi	29 14	27 10	22 10	20 14	18 13	07 13	10 14	02 06	34 06	32 04	29 12
Khanpur	30 04	26 03	29 03	30 18	31 08	32 12	34 13	34 12	34 13	27 34	26 49
Lahore	25 23	26 29	26 30	26 26	26 13	30 06	06 12	10 12			
Multan	00 00	32 02	27 02	28 05	29 07	34 07	26 04	26 13	26 08	25 34	
Muscat											
Panjgur											
Peshawar	..	06 05	36 05	07 02	09 02	29 05	33 08	28 13	30 48		
Quetta		..	..	..	32 04	29 08	25 07	22 09	25 40	27 15	25 33
Sharjah											
Sylhet	06 05	27 06	26 13	26 17	26 19	26 18	31 10	35 12			
Vezaval											

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	24 12	21 12	21 17	15 04	18 08	17 08	16 04	16 06	12 09	06 06	05 02	14 33	17 47					
Peshawar	—	03 11	03 09	03 05	36 04	30 06	31 12	32 15	32 16	28 12	26 08	26 08						
Quetta																		

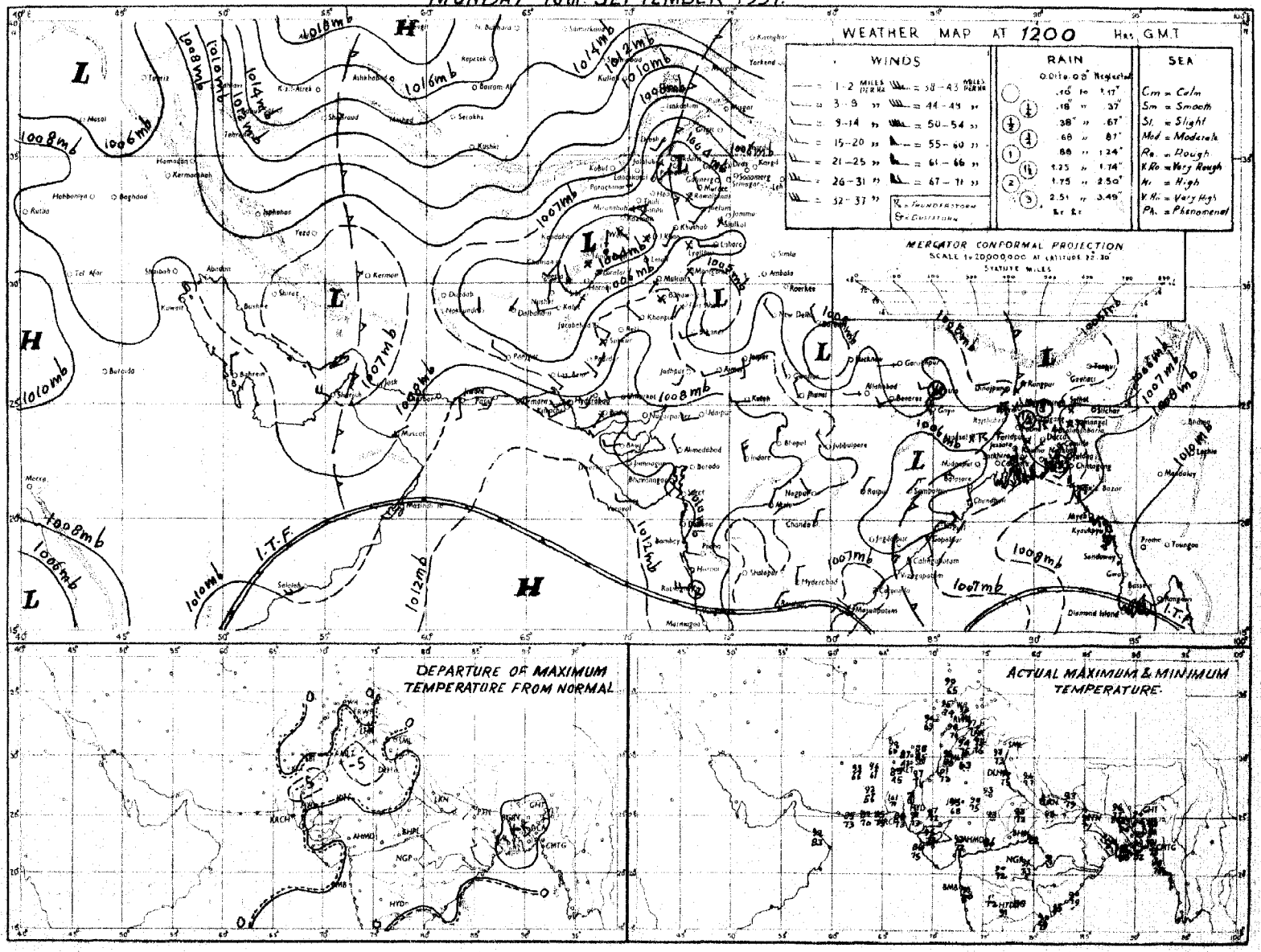
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 50 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $C_d d d v_r v_r$ etc)

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

PAKISTAN DAILY WEATHER MAP

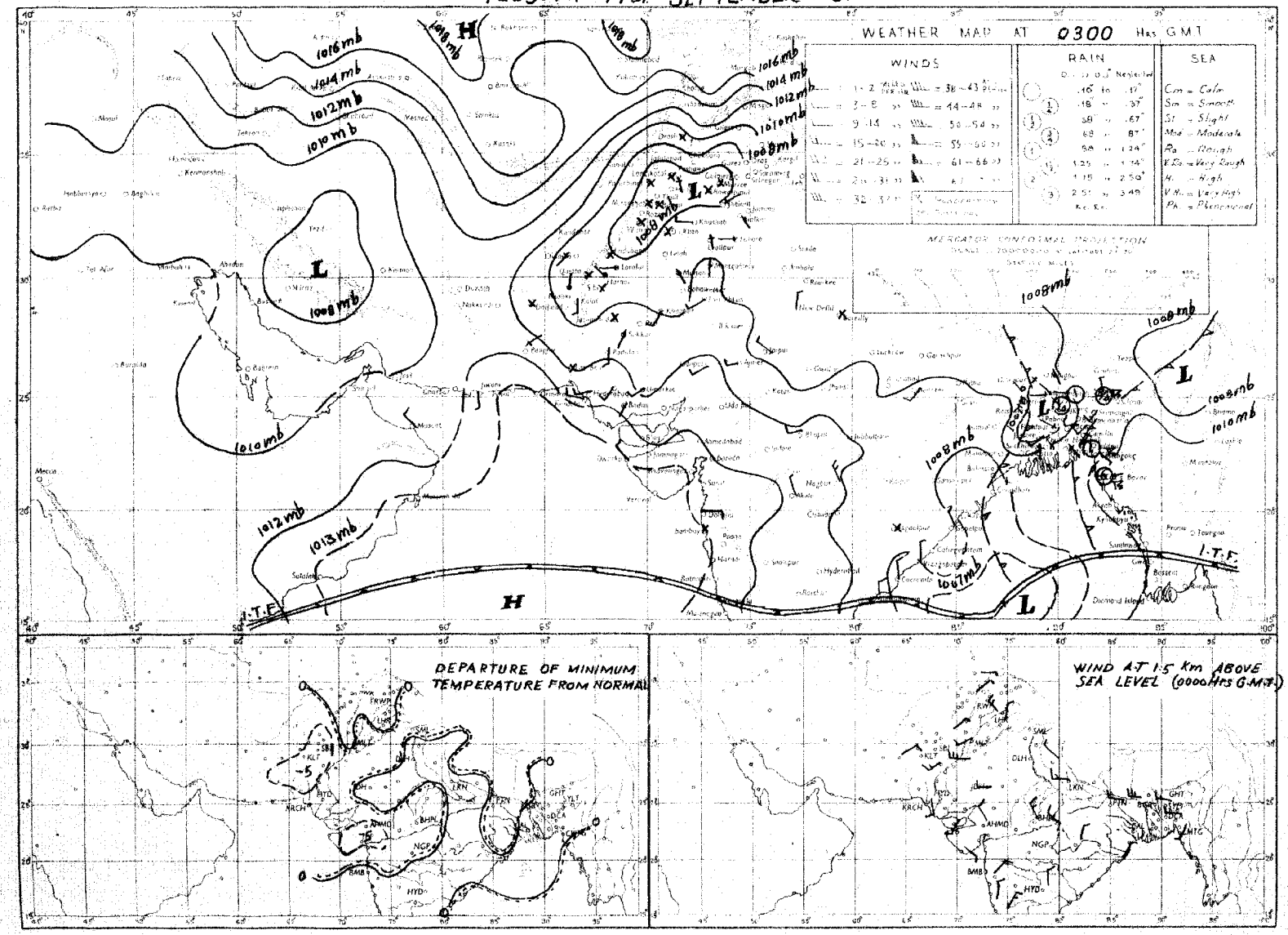
MONDAY 16th SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 17th SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1407

WEDNESDAY, THE 18th SEPTEMBER, 1957.

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

A low pressure wave is moving across Kashmir and has caused scattered thunderstorms/showers in Rawalpindi and Peshawar divisions. Another low pressure wave is moving across northwest Iran.

Local thunderstorms/showers have occurred in Chittagong division and scattered in Dacca and Rajshahi divisions.

Chief amounts of rainfall are:—Sylhet 2"; Maijdee Court and Mymensingh 1" each; Sirajganj and Murree ¾" each and Cherat ½".

Day temperatures were 3-6°F above normal in Peshawar, Rawalpindi, Multan, Hyderabad, Dacca and Rajshahi divisions.

Forecast valid until the evening of 19th:—Thunderstorms/showers will be local in East Pakistan and scattered in Rawalpindi and Peshawar divisions and in Kashmir.

Karachi-11.
The 18th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

DIVISIONS	STATION	At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry-Bulb Temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Maximum temperature °F.	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs and tenths)*	Dry Bulb Temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum temperature °F.	Maximum Temperature	Minimum Temperature	Since 1st June 1957 to date.	Departure from normal	Since 1st January 1957 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
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	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	4	16	02	96	01	0	064	82	1	3	7	0	9	78	84	000	0	8	09	02	96	03	1	085	85	5	3	7	7	4	78	76	- 3	0	110.7	+ 6.5	121.5	140
	Chittagong	000	0	6	13	02	96	02	2	053	83	4	3	6	2	0	78	85	003	0	3	18	05	97	01	1	080	84	2	3	7	1	0	78	78	- 2	- 1	66.7	- 6.5	74.1	108
	Maijdee Court	095	8	8	08	00	98	01	6	047	81	8	0	6	4	×	78	88	095	9	8	00	00	98	03	2	078	85	2	1	6	2	×	79	78	+ 1	0	59.5	- 18.9	69.4	115
	Comilla	015	5	3	00	00	97	03	0	041	88	3	2	7	0	0	85	90	015	9	8	18	03	98	02	9	078	78	8	2	4	×	×	80	80	+ 2	+ 3	44.1	- 15.1	55.9	94
	Brahmanbaria	000	0	4	00	00	97	03	2	045	83	4	5	5	0	0	77	90	000	0	6	23	02	97	03	2	078	85	6	4	5	0	0	78	81	—	—	38.3	- 6.2	54.1	78
	Sylhet	018	8	4	00	00	96	02	9	047	80	1	2	6	2	0	77	81	211	7	8	00	01	95	95	9	084	75	3	3	4	2	×	74	75	—	—	68.3	—	118.9	..
	Srimangal	010	7	8	00	00	97	02	9	049	79	8	5	6	×	×	77	88	010	8	8	31	07	94	95	9	087	81	8	5	6	×	×	79	77	- 3	+ 2	60.4	+ 5.3	87.1	98
Dacca	Mymensingh	121	7	8	13	02	97	02	9	041	78	8	4	3	×	×	77	89	121	0	8	00	00	98	02	6	079	81	8	4	4	×	×	78	76	+ 1	- 2	20.8	- 37.4	61.5	91
	Narayanganj	000	9	8	13	02	95	03	2	040	90	5	4	6	8	×	79	93	004	9	8	23	02	95	03	2	080	85	8	7	6	×	×	79	82	+ 5	+ 3	47.3	+ 2.2	61.3	74
	Dacca (Tezgaon)	000	9	8	00	00	98	02	2	036	85	5	9	5	0	3	79	92	000	9	7	27	02	98	02	9	060	87	5	4	4	0	3	80	81	—	—	43.9	—	58.9	[illegible]
	Faridpur	000	8	7	34	03	96	01	2	044	83	4	4	7	1	0	75	92	000	9	6	29	02	96	03	0	071	87	6	5	7	0	0	78	79	+ 5	+ 1	37.8	- 5.9	49.9	71
	Barisal	000	0	6	18	02	95	03	2	042	90	6	4	7	0	0	80	94	000	0	6	00	00	95	03	2	074	85	6	0	9	4	0	81	81	+ 6	+ 3	38.8	- 13.6	55.9	81
Rajshahi	Khulna	000	0	0	00	00	97	00	0	044	91	0	0	9	0	0	78	96	000	0	6	00	00	97	01	1	074	87	6	4	7	0	0	81	81	+ 8	+ 3	36.9	- 8.7	44.9	68
	Satkhira	000	0	0	00	00	99	00	0	047	93	0	0	9	0	0	××	95	000	0	6	23	02	98	03	1	068	87	4	5	8	9	0	84	81	+ 6	+ 3	38.9	- 3.7	55.9	68
	Jessore	000	0	8	05	08	96	03	0	043	84	8	4	5	×	×	75	95	000	0	4	23	03	97	03	1	068	85	4	8	6	0	0	81	80	—	—	36.7	- 3.9	40.1	65
	Sirajganj	000	0	8	18	02	95	01	9	029	80	0	0	9	0	7	76	92	081	5	8	00	00	96	02	6	051	81	8	2	6	×	×	50	73	+ 5	- 5	54.4	- 12.9	64.0	64
	Bogra	000	0	7	00	00	96	02	1	034	90	7	6	6	0	0	[illegible]	93	000	0	6	23	02	97	02	1	067	83	6	4	6	0	0	76	78	+ 5	0	54.4	+ 8.5	61.9	69
	Dinajpur	000	0	0	00	00	96	00	0	037	69	0	0	9	0	0	78	94	000	2	6	00	00	96	02	2	074	86	6	0	9	2	0	78	76	+ 6	- 2	41.2	- 10.1	44.4	72
	Rangpur	000	0	3	23	02	96	01	1	×××	91	3	5	6	0	0	80	94	000	0	7	23	02	96	03	1	×××	85	7	5	6	0	0	79	78	+ 6	+ 1	44.5	- 12.2	53.3	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	034	96	0	0	9	0	0	74	98	000	0	0	27	02	96	02	0	045	85	0	0	9	0	0	71	75	0	+ 3	16.7	+ 2.6	25.4	19
	Sialkot	000	0	0	00	00	97	00	0	027	96	0	0	9	0	0	73	98	000	0	0	13	03	97	00	0	048	82	0	0	9	0	0	73	77	+ 3	+ 3	21.9	- 0.7	45.1	32
Rawalpindi	Jhelum	000	0	1	23	03	97	02	0	020	96	1	1	7	0	0	69	××	000	0	1	00	00	97	01	1	045	80	1	0	9	3	0	59	71	—	—	16.7	—	27.3	34
	Rawalpindi	000	0	0	00	00	99	00	0	019	97	0	0	9	0	0	66	98	000	0	0	00	00	99	00	0	052	79	0	0	9	0	0	58	67	+ 4	- 2	14.4	- 8.3	30.3	15
	Khushab	000	0	0	16	05	98	00	0	023	98	0	0	9	0	0	69	01																		+ 2					
Multan	Lyallpur	000	0	0	13	02	96	00	0	033	97	0	0	9	0	0	65	99	000	0	0	00	00	96	00	0	050	80	0	0	9	0	0	63	75	+ 1	+ 1	10.1	+ 1.2	16.2	12
	Montgomery	000	0	0	13	02	57	00	0	025	99	0	0	9	0	0	69	01	000	0	0	13	02	97	00	0	053	72	0	0	9	0	0	62	71	+ 1	- 4	6.4	- 0.6	10.2	10
	Multan	000	0	0	23	02	96	00	0	026	99	0	0	9	0	0	59	05	000	0	0	13	03	96	00	0	031	76	0	0	9	0	0	53	68	+ 6	- 9	0.7	- 4.0	4.1	7
Bahawalpur	Leiah																																								8
	Khanpur	000	0	0	27	04	96	00	0	037	98	0	0	9	0	0	79	01	000	0	0	22	04	96	00	0	050	78	0	0	9	0	0	69	70	0	- 5	0.2	- 4.6	1.2	6
	Bahawalpur	000	0	0	00	00	97	00	0	029	96	0	0	9	0	0	64	01	000	0	0	23	02	97	00	0	051	81	0	0	9	0	0	62	76	+ 1	+ 2	1.3	- 2.9	2.5	[illegible]
	Fort Abbas	000	0	0	23	05	96	00	0	029	00	0	0	9	0	0	57	03	000	0	0	23	02	97	00	0	055	88	0	0	9	0	0	65	71	—	—	2.6	—	5.5	8
Peshawar	Chakdara	000	0	1	00	00	98	03	1	986	93	1	2	7	0	0	65	96	000	0	0	00	00	97	00	0	046	70	0	0	9	0	0	57	49	—	—	2.7	—	17.5	14
	Peshawar	000	0	7	05	03	97	03	0	005	93	3	3	6	0	3	69	98	000	9	0	00	00	98	02	9	046	76	0	0	9	0	0	57	69	+ 3	- 2	1.9	- 2.3	13.0	
	Haripur	000	2	1	05	02	97	01	0	003	95	1	1	6	0	0	59	98	000	2	1	27	02	98	01	0	037	78	1	1	6	0	0	69	68	—	—	7.9	—	11.9	..
	Campbellpur	000	0	0	00	00	98	00	0	027	96	0	0	9	0	0	60	96	000	0	0	09	02	58	00	0	063	76	0	0	9	0	0	58	69	—	—	5.7	—	2.1	..
D.I. Khan	Bannu	000	0	0	09	02	99	00	0	009	96	0	0	9	0	0	65	99	000	0	0	23	01	97	00	0	036	82	0	0	9	0	0	67	72	—	—	2.4	—	9.5	11
	D.I. Khan	000	0	0	00	00	98	00	0	015	02	0	0	9	0	0	72	03	000	0	0	00	00	98	00	0	035	81	0	0	9	0	0	69	75	+ 3	0	2.3	- 3.0	7.8	10
Quetta	Sibi	000	0	0	00	00	98	00	0	022	06	0	0	9	0	0	87	07	000	0	0	00	00	98	00	0	059	78	0	0	9	0	0	62	78	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	34	05	99	02	0	034	99	0	0	9	0	0	××	01	000	0	0	31	02	99	02	0	078	78	0	0	9	0	0	29	71	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	97	00	0	092	92	0	0	9	0	0	82	99	000	0	0	00	00	98	00	0	104	××	0	0	9	0	0	××	81	—	—	2.5	—	5.9	..
	Jiwani	000	0	2	18	09	96	01	0	091	83	2	5	4	0	0	73	85	000	0	6	00	00	97	03	1	105	77	0	0	9	0	0	72	74	—	—	0	—	3.1	4
	Pasni	000	0	0	23	17	96	00	0	103	84	0	0	9	0	0	71	87	000	0	4	31	03	96	02	0	124	75	4	5	7	0	0	71	70	- 2	- 3	0	- 0.9	6.2	6
	Ormara	000	0	0	××	××	98	00	0	099	84	0	0	9	0	0	78	84	000	0	3	××	××	98	01	1	120	78	3	0	9	4	0	75	76	—	—	0	- 0.8	3.8	6
	Las Bela	000	0	0	13	04	98	00	0	059	97	0	0	9	0	0	72	01	000	0	0	00	00	98	00	0	060	80	0	0	9	0	0	76	75	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)																		000	0	2	29	07	97	01	0	092	79	2	0	9	5	0	73	76		- 1	0.6	- 5.3	1.1	8
	Karachi (Air port)	000	0	2	23	10	97	02	0	090	83	0	0	9	0	1	75	89	000	0	2	27	10	96	01	1	098	79	2	6	5	0	0	74	75	—	—	0.9	—	1.4	
	Badin	000	0	0	23	02	97	00	0	083	95	0	0	9	0	0	68	99	000	0	0	23	02	96	00	0	095	78	0	0	9	0	0	71	××	+ 4		3.6	- 3.5	3.6	9
	Nagarparker	×××	×	0	20	02	98	00	0	×××	××	0	0	9	0	0	××	××	×××	×	0	29	03	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	—	—	—	
	Umarkot	000	0	0	27	03	97	00	0	072	00	0	0	9	0	0	62	01	000	0	0	23	03	97	00	0	090	74	0	0	9	0	0	73	71	—	—	4.7	—	4.7	
	Hyderabad	000	0	3	20	07	97	03	0	059	97	0	0	9	0	5	51	00	000	0	0	20	07	97	02	0	085	77	0	0	9	0	0	70	74	+ 3	- 2	0.9	- 4.9	2.8	7
Khairpur	Pad-i-dan	000	0	1	18	09	98	02	0	054	00	0	0	9	0	1	39	04	000	0	0	18	05	98	02	0	063	74	0	0	9	0	0	61	69	—	—	0.1	—	1.4	
	Nawabshah																																								
	Sukkur	000	8	1	20	03	96	01	0	047	97	0	0	9	0	3	61	99	000	9	0	01	00	96	00	0	062	78	0	0	9	0	0	61	73	—	—	0.1	—	2.9	
	Kashmore	000	0	0	18	03	99	00	0	025	95	0	0	9	0	0	69	03	000	0	0	23	01	99	00	0	062	79	0	0	9	0	0	78	68	—	—	—	—	—	
	Jacobabad	000	0	0	18	10	97	02	0	045	99	0	0	9	0	0	46	04	000	0	0	09	03	96	02	0	064	78	0	0	9	0	0	62	70	+ 1	- 6	0	- 2.7	3.5	
Junagarh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat	000	0	0	31	05	99	00	0	079	86	0	0	9	0	0	81	87	000	0	0	31	02	99	00	0	088	84	0	0	9	0	0	78	83	- 6	+ 2	0	- 0.1	6.9	
	Kuwait																																								
	HILL STATIONS																																								
Kashmir	Srinagar *																																								
	Gulmarg **																																								
	Sonamarg **																																								
	Dras **																																								
	Leh **																																								
	Skardu *																																								
	Misgar **																																								
	Aliabad *																																								
	Gilgit *																																								5
Rawalpindi	Murree *	000	0	0	31	05	98	00	0	471	70	0	0	9	0	0	56	73	084	9	0	31	02	99	02	9	470	67	0	0	9	0	0	43	51	+ 4	- 5	24.2	- 9.9	57.9	59
Peshawar	Drosh *	000	0	6	23	09	96	03	1	452	85	6	5	6	0	0	25	98	000	0	0	00	00	96	02	0	483	65	0	0	9	0	0	36	62	+ 10	- 2	2.0	—	24.2	18
	Cherat *	000	0	1	13	02	96	01	0	471	85	1	1	6	0	0	56	89	048	0	0	00	00	97	02	6	475	68	0	0	9	0	0	46	64	+ 5	- 1	4.8	- 6.8	25.5	29
	Kakul *	000	6	1	16	02	98	01	0	475	82	1	2	7	0	0	56	86	000	8	0	34	03	99	02	9	472	69	0	0	9	0	0	49	63	—	—	14.2	—	4.8	..
	Landi Kotal *	000	0	7	14	02	97	17	0	462	85	7	0	9	5	0	54	90	000	9	0	00	00	97	02	9	462	77	0	0	9	0	0	45	63	—	—	1.1	—	15.3	..
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	297	80	0	0	9	0	0	49	××	000	0	0	00	00	99	00	0	494	58	0	0	9	0	0	46	××	—	—	6.7	—	25.8	29
	Miranshah *	000	0	0	00	00	99	00	0	513	91	0	0	9	0	0	73	93	000	0	0	00	00	99	00	0	493	75	0	0	9	0	0	61	64	—	—	3.1	- 1.1	15.4	13
	Wana *	000	0	0	13	01	99	00	0	428	88	0	0	9	0	0	53	92	000	0	0	00	00	99	00	0	467	68	0	0	9	0	0	29	56	—	—	1.4	—	13.5	..
Quetta	Fort Sandeman *	000	0	0	23	05	98	00	0	468	90	0	0	9	0	0	18	94	000	0	0	00	00	97	00	0	486	73	0	0	9	0	0	26	57	+ 3	- 7	2.4	- 2.5	12.8	11
	Hindubagh *	000	0	0	27	02	98	00	0	480	83	0	0	9	0	0	43	85	000	0	0	00	00	98	00	0	497	63	0	0	9	0	0	35	55	—	—	0	—	12.3	
	Loralai *	000	0	0	34	05	98	00	0	461	86	0	0	9	0	0	32	89	000	0	0	29	02	96	00	0	509	62	0	0	9	0	0	18	56	—	—	1.9	—	10.7	
	Harnai *	000	0	0	02	02	98	00	0	×××	××	0	0	9	0	0	××	××	003	0	0	27	02	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	- 3.3	14.3	14
	Quetta *	000	0	0	34	03	98	01	0	471	82	0	0	9	0	0	55	95	000	0	0	16	02	96	00	0	486	69	0	0	9	0	0	42	44	—	—	0	—	9.5	8
Kalat	Chaman *	000	0	0	31	03	98	00	0	494	84	0	0	9	0	0	78	90	000	0	0	11	02	97	00	0	497	74	0	0	9	0	0	63	62	0	0	0	- 0.2	10.2	8
	Kalat *	000	0	0	19	05	98	00	0	490	77	0	0	9	0	0	25	82	000	0	0	25	05	58	00	0	507	57	0	0	9	0	0	25	45	- 1	- 2	0	- 1.2	8.4	7
	Nushki *	000	0	0	36	05	96	00	0	545	94	0	0	9	0	0	46	94	000	0	0	02	05	97	00	0	546	72	0	0	9	0	0	32	68	—	—	0	—	8.0	
	Dalbandin *	000	0	0	00	00	97	02	0	500	96	0	0	9	0	0	36	96	000	0	0	00	00	96	02	0	479	66	0	0	9	0	0	34	59	- 3	- 4	0	- 0.3	4.4	4
	Panjgur *	000	0	0	31	03	98	00	0	598	92	0	0	9	0	0	35	93	000	0	0	36	02	99	00	0	488	65	0	0	9	0	0	41	60	- 1	- 3	0	—	4.2	5
Afghanistan	Kabul *	000	0	0	00	00	99	00	0	489	78	0	0	9	0	0	53	80	000	0	0	14	03	99	00	0	541	59	0	0	9	0	0	34	47	—	—	—	—	—	12
	Kandahar *																																								

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 18th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s Ch_s h_s$	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Macoma	32 285	582 00	3 11 03	97 61 0	061 84	00 9 81	..	..	0 33 74	1 22 34
Dumra	33 104	589 00	4 23 13	98 02 1	136 77	42 4 00	2 5 710	..	0 53 79	1 17 33
Vallecia	33 252	576 00	5 12 09	98 03 1	093 85	51 4 00	2 5 306	..	0 55 73	1 20 22
Scarberelgeuse	33 248	621 06	4 20 02	99 02 0	135 81	42 4 00	2 5 220	..		
Macoma	33 257	570 06	3 11 12	96 01 0	080 86	80 9 08	..	..		
Cercal	33 244	582 12	3 09 07	98 01 0	100 86	24 5 00	3 4 713	..	0 54 79	1 09 22
Socotra	33 234	672 12	3 27 09	98 02 0	100 82	11 4 01	3 5 715	..	0 02 72	1 27 44
Scarberelgeuse	33 247	637 12	4 20 02	99 02 0	101 84	42 4 00	2 5 400	..	0 01 73	1 20 22
Vallecia	33 227	598 12	1 18 13	97 02 0	085 80	12 6 00	3 6 505	..	0 09 72	1 14 23
Dumra	33 097	627 18	7 23 09	99 03 1	146 80	74 5 00	2 5 103	..	0 51 73	1 23 32

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	006 248 242	074 245 245	..	450 172 112	..	118 102 549	379 022 632	827 552 755	960 618 838	972 718	265 805	463 880	740 890
Lahore ..														
Multan ..														
Peshawar ..	00 00	953 232 185	..	..	400 232 158	..	100 115 078	381 048 018	834 565 999	533 682 999	963 792	245 942	..	..
Quetta ..	00 00	830 128 018	..	..	..	..	121 035 512	350 555 999	755 645 999	406 735 999	930 862 999	208 092 999	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 172 145	883 155 102	800 148 095	645 052 615	350 668 878	250 772 999	090 895 199	..	..	090 895 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 248 195	800 200 150	500 748 999	250 852 999	197 945 999	..	..	..	..	197 945 999	..	..
Quetta ..	00 00	800 128 018	756 118 522	705 038 012	660 000 900	..	..	..	..	..	660 000 900	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT : $T_dT_dT_d$: Dry Bulb : Daw Point temperatures (in tenths of 9C)
Sc-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bagra ..	23 07	26 09	27 10	28 14	..	..	..	..	..
Chaddala ..	..	25 05	24 05	23 07	17 07	26 06	30 15	32 26	28 17
Chhor ..	22 08	23 10	24 12	23 13	19 19	12 19	11 18	05 04	02 04
Chittagong ..	16 04	17 06	20 02	25 02	..	..	..	..	..
Cox's Bazar ..	06 04	38 01	21 02	34 01	12 04	12 04	09 09	..	..
Dacca ..	22 03	24 03	24 05	24 05	26 08	29 17	31 15	29 15	29 15
Dalbandin ..	..	..	22 01	17 06	22 06	27 09	34 09	28 10	27 14
D. I. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	23 70	22 10	21 08	..	..	..
Fort Sandeman ..	..	..	..	21 06	19 06	19 07	21 05	27 13	27 16
Jacobabad ..	20 15	20 13	21 12	21 10	25 07	35 04	10 02	26 09	23 09
Jaisalmer ..	..	..	..	..	..	..	..	..	..
Jhelum ..	19 02	20 05	20 08	23 07	29 11	35 10	31 17	31 17	28 18
Jiwani ..	21 08	21 06	20 02	08 06	04 10	05 24	03 17	02 05	23 05
Karachi ..	25 10	24 09	23 09	26 05	09 05	09 16	02 10	34 06	35 08
Khanpur ..	25 18	26 25	26 25	24 15	26 11	31 03	09 07	35 07	29 10
Lahore ..	27 04	30 03	30 04	31 04	33 12	35 12	32 15	31 15	28 16
Multan ..	21 10	21 10	22 09	26 06	32 02	32 09	02 03	34 09	32 11
Muscat ..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	05 17	06 10	12 07	13 13	17 15	26 19	..	..
Quetta ..	..	..	..	..	29 04	24 06	27 12	27 16	27 23
Sharjah ..	..	..	..	..	..	..	..	..	..
Sylhet ..	08 03	28 05	27 12	26 16	26 18	27 20	29 15	30 18	33 10
Veraval ..	..	..	..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION.	11	12	13	14	15	16
Bagra ..	23 09	23 09	25 08	28 10	27 11	..
Chaddala ..	..	04 04	29 02	28 09	28 19	30 14
Chhor ..	23 21	23 21	22 19	21 19	20 31	20 34
Chittagong ..	17 11	18 10	19 09	21 07	21 06	24 06
Cox's Bazar ..	19 04	20 04	25 03	..	..	..
Dacca ..	24 10	24 11	23 06	24 04	25 08	25 07
Dalbandin ..	..	..	05 07	05 09	03 05	33 21
D. I. Khan ..	..	..	..	..	..	..
Drosh ..	..	..	..	21 01	36 01	35 02
Fort Sandeman ..	..	..	..	23 06	30 11	30 17
Jacobabad ..	20 21	21 28	22 27	23 13	28 06	30 10
Jaisalmer ..	..	..	..	..	..	..
Jhelum ..	06 04	34 03	24 03	23 08	20 12	17 15
Jiwani ..	18 11	19 10	34 05	34 13	36 12	05 22
Karachi ..	27 14	27 14	..	..	..	..
Khanpur ..	24 27	24 31	24 29	26 23	30 11	28 03
Lahore ..	21 13	24 12	30 08	24 09	36 08	31 07
Multan ..	24 33	26 22	28 13	35 08	26 08	23 18
Muscat ..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..
Peshawar ..	..	16 01	14 01	30 04	26 13	23 04
Quetta ..	..	..	..	..	29 05	26 17
Sharjah ..	..	..	..	..	..	..
Sylhet ..	No	ascent	..	..	..	..
Veraval ..	..	..	..	..	..	..

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	17	18	19	20	21	22	23	24	25	26	27
Bagra ..	28 05	31 04	..	..	..	..	..	..	..	..	..
Chaddala ..	..	..	..	..	..	..	..	..	..	..	..
Chhor ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	12 06	14 05	15 08	..	..	..	..	..	..	..	..
Cox's Bazar ..	14 01	13 02	15 07	16 01	23 03	36 02	04 03	04 08	08 04	..	..
Dacca ..	20 06	22 05	27 09	28 09	29 11	25 06	..	..	..	..	..
Dalbandin ..	..	..	07 01	36 07	34 16	33 22	32 18	31 18	27 14	20 31	25 46
D. I. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	15 01	35 14	15 06	20 12	30 13	26 13	26 18
Fort Sandeman ..	..	..	..	21 06	21 05	23 08	25 16	28 12	25 08	25 21	26 59
Jacobabad ..	20 16	21 19	21 19	21 14	06 06	31 05	09 07	16 08	19 07	27 12	27 29
Jaisalmer ..	..	..	..	..	..	..	..	..	..	..	..
Jhelum ..	10 01	13 05	17 06	22 03	28 07	21 03	29 10	28 22	29 21	29 23	26 51
Jiwani ..	..	..	..	..	..	..	..	..	..	..	..
Karachi ..	27 13	27 15	27 09	..	..	..	..	..	..	..	..
Khanpur ..	24 28	24 31	24 28	28 17	29 08	20 05	14 07	28 08	27 16	26 23	25 31
Lahore ..	16 02	16 03	16 03	16 02	29 02	29 10	30 20	29 17	30 18	27 19	27 43
Multan ..	28 09	28 13	31 13	31 09	30 07	25 08	21 05	26 05	27 09	26 31	25 42
Muscat ..	..	..	..	..	..	..	..	..	..	..	..
Panjgur ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	07 03	12 03	26 03	29 07	30 09	28 08	25 14	25 16	29 22	..
Quetta ..	..	..	..	..	..	..	..	..	..	..	..
Sharjah ..	..	..	..	..	..	..	..	..	..	..	..
Sylhet ..	19 03	23 04	24 05	25 07	..	..	..	..	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 19	27 08	27 12	27 12	20 10	06 21	05 31	05 10	34 11	33 09	27 14	24 12	19 12	23 15	25 14	22 12		
Peshawar ..	—	25 09	18 06	14 04	25 12	28 13	32 24	34 12	01 17	31 04	25 30							
Quetta ..																		

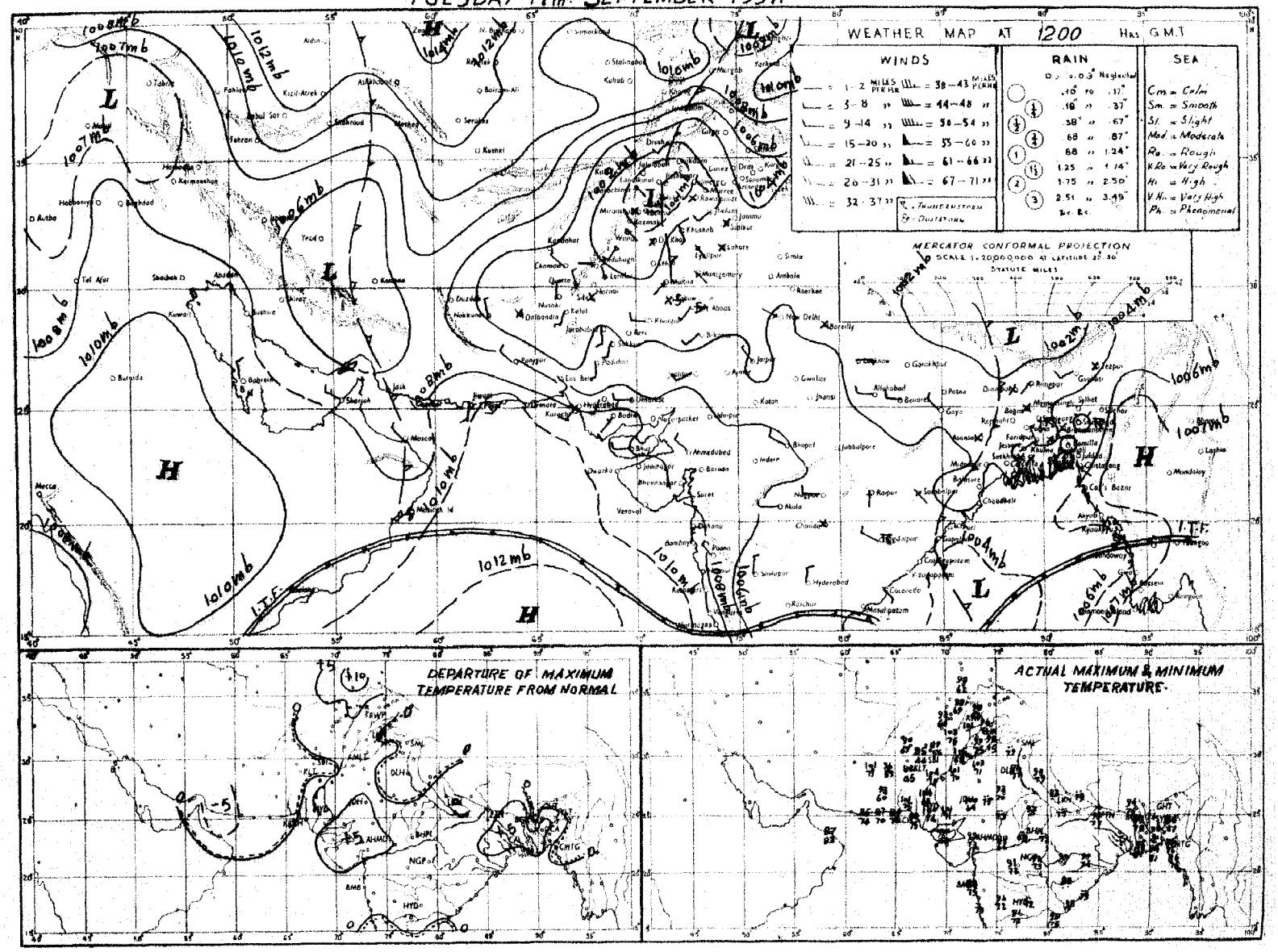
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 50 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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

PAKISTAN DAILY WEATHER MAP

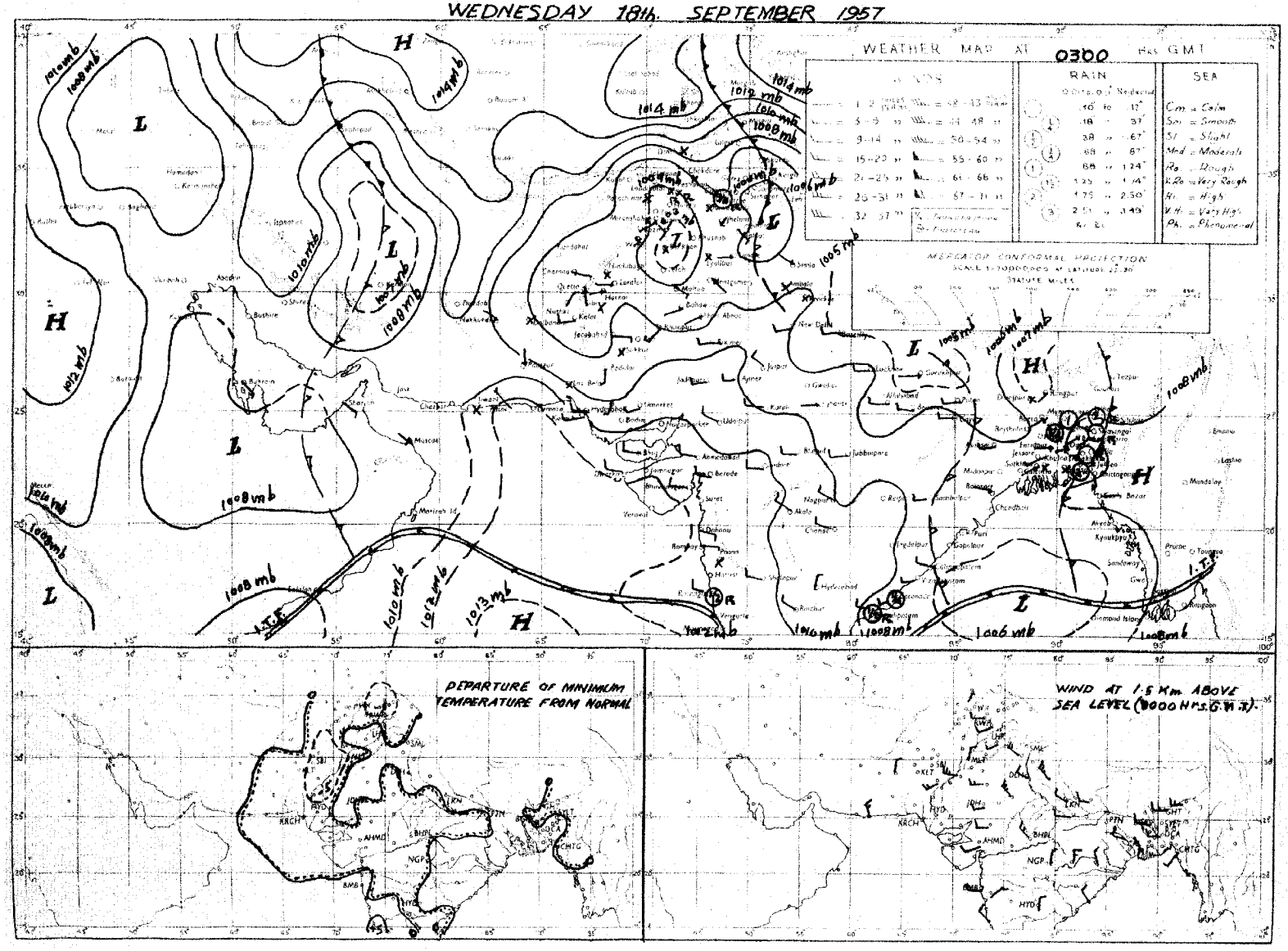
TUESDAY 17th SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 18th. SEPTEMBER 1957



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

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Reg. No. S 1467

PAKISTAN DAILY WEATHER REPORT

THURSDAY, THE 19th SEPTEMBER, 1957.

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

Yesterday's low pressure wave over Kashmir has moved away eastwards. The low pressure wave over northwest Iran is now moving across Russian Turkistan with its associated trough extending to Afghanistan.

Weather remained dry in West Pakistan.

An easterly low pressure wave is moving across lower Burma into East Central Bay of Bengal.

Fairly widespread thunderstorms/showers have occurred in Chittagong division and scattered in Dacca and Rajshahi divisions.

Chief amounts of rainfall are:—Brahmanbaria 2"; Chittagong and Narayanganj 1" each and Cox's Bazar, Srimangal and Bogra ½" each.

Day temperatures were 2-5°F above normal in East Pakistan and Lahore, Multan and D. I. Khan divisions and 2-5°F below normal in Khairpur division.

Forecast valid until the evening of 20th:—Thunderstorm/showers will be fairly widespread in Chittagong and Dacca divisions and scattered in Rajshahi, Peshawar and D. I. Khan divisions.

Karachi-11.
The 19th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATION (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	DryBulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	3	7	00	00	96	07	9	012	84	7	8	9	5	0	78	89
	Chittagong	015	5	6	36	05	96	02	6	038	79	4	3	5	1	6	74	90
	Maijdee Court	010	3	8	00	00	98	02	6	031	81	2	1	6	1	×	78	90
	Comilla	000	0	7	00	00	97	03	9	033	81	7	3	4	0	0	76	91
	Brahmanbaria	17	7	8	13	03	97	03	9	034	79	8	5	5	×	×	75	89
	Sylhet	004	9	8	00	00	96	13	9	039	79	2	5	5	0	6	77	81
	Srimangal																	
Dacca	Mymensingh	000	0	8	13	02	98	02	2	040	80	8	4	4	×	×	77	86
	Narayanganj	108	8	8	09	02	96	03	6	031	82	6	5	5	3	×	79	92
	Dacca (Tezgaon)	000	7	8	09	02	97	02	9	027	81	2	9	5	3	×	79	87
	Faridpur	000	3	8	20	02	96	60	9	035	79	8	4	6	×	×	75	87
	Barisal																	
Rajshahi	Khulna																	
	Satkhira	000	0	8	00	00	96	03	9	037	83	8	4	6	×	×	82	93
	Jessore	000	0	8	13	02	96	03	2	032	83	8	8	5	×	×	79	92
	Sirajganj	000	0	8	18	02	96	02	0	021	89	0	0	9	0	7	75	90
	Bogra	000	0	4	00	00	96	02	1	034	90	4	4	6	0	0	79	93
	Dinajpur	000	2	4	00	00	96	02	2	042	86	4	0	9	2	0	81	82
	Rangpur	000	0	5	13	05	96	01	1	×××	82	5	5	6	0	0	76	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	017	99	0	0	9	0	0	67	02
	Sialkot	000	0	0	31	02	97	00	0	009	97	0	0	9	0	0	65	00
Rawalpindi	Jhelum	000	0	1	00	00	96	02	0	012	97	1	1	8	0	0	71	00
	Rawalpindi	000	0	0	00	00	99	00	0	007	92	0	0	9	0	0	61	93
	Khushab	000	0	0	13	05	98	08	0	012	98	0	0	9	0	0	66	03
Multan	Lyallpur	000	0	0	13	02	96	00	0	008	95	0	0	9	0	0	60	98
	Montgomery	000	0	0	00	00	97	00	0	014	98	0	0	9	0	0	68	02
	Multan	000	0	0	23	03	96	00	0	021	94	0	0	9	0	0	54	04
Bahawalpur	Leiah																	
	Khanpur	000	0	0	25	04	96	00	0	019	00	0	0	9	0	0	78	01
	Bahawalpur	000	0	0	00	00	97	00	0	035	96	0	0	9	0	0	67	98
	Fort Abbas	000	0	0	23	03	97	00	3	024	00	9	0	9	0	0	59	02
Peshawar	Chakdara	000	0	0	××	××	98	00	0	980	90	0	0	9	0	0	63	95
	Peshawar	000	0	0	05	03	98	01	0	004	92	0	0	9	0	0	58	94
	Haripur	000	4	1	31	02	97	02	0	949	84	1	1	6	0	0	71	97
	Campbellpur	000	0	0	00	00	98	00	0	042	98	0	0	9	0	0	67	98
D.I. Khan	Bannu	000	0	0	02	01	99	00	0	999	95	0	0	9	0	0	63	99
	D.I. Khan	000	0	0	00	00	98	00	0	012	02	0	0	9	0	0	69	04
Quetta	Sibi	000	0	0	00	00	98	00	0	020	04	0	0	9	0	0	76	05
Kalat	Nokkundi	000	1	0	35	05	99	02	0	019	96	0	0	9	0	0	26	98
	Turbat	000	0	0	23	02	97	00	0	064	93	0	0	9	0	0	85	99
	Jiwani	000	0	1	18	07	98	02	1	064	81	0	0	9	0	1	75	85
	Pasni	000	0	0	23	19	91	00	0	073	83	0	0	9	0	0	71	87
	Ormara	000	0	0	××	××	98	00	0	077	84	0	0	9	0	0	78	85
	Las Bela	000	0	0	13	04	97	00	0	069	91	0	0	9	0	0	70	99
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	12	98	01	0	071	83	2	5	4	0	0	73	87
	Karachi (Air port)	000	0	5	23	10	97	03	0	066	84	5	5	6	0	0	75	87
	Badin	000	0	0	23	02	97	00	0	055	93	0	0	9	0	0	63	93
	Nagarparkar	×××	×	0	23	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	20	03	97	02	0	052	96	0	0	9	0	0	66	97
	Hyderabad	000	0	0	20	07	97	00	0	050	92	0	0	9	0	0	70	97
Khairpur	Pad-i-dan	000	0	0	13	09	98	02	0	027	99	0	0	9	0	0	52	02
	Nawabshah																	
	Sukkur	000	0	0	00	00	96	00	0	024	96	0	0	9	0	0	67	98
	Kashmore	000	0	0	23	03	99	00	0	034	93	0	0	9	0	0	85	01
	Jacobabad	000	0	0	13	05	97	02	0	027	95	0	0	9	0	0	64	97
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	36	02	99	00	0	063	88	0	0	9	0	0	75	89
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	092	65	0	0	9	0	0	17	71
	Alibad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	99	00	0	462	69	0	0	9	0	0	53	72
Peshawar	Drosh *	000	0	3	23	07	96	03	0	432	86	3	2	7	0	0	36	95
	Cherat *	000	0	0	18	03	97	00	0	460	84	0	0	9	0	0	47	85
	Kakul *	000	5	1	16	03	98	01	0	465	81	1	2	7	0	0	56	85
	Landi Kotal *	000	0	0	02	02	97	00	0	448	85	0	0	9	0	0	49	89
D.I. Khan	Parachinar *	000	0	0	36	02	99	00	0	495	81	0	0	9	0	0	41	××
	Miranshah *	000	0	0	00	00	99	00	0	491	90	0	0	9	0	0	70	92
	Wana *	000	0	0	13	01	99	00	0	438	89	0	0	9	0	0	77	90
Quetta	Fort Sandeman *	000	0	0	00	00	99	00	0	458	90	0	0	9	0	0	18	92
	Hindubagh *	000	0	0	27	05	98	00	0	456	82	0	0	9	0	0	35	84
	Loralai *	000	0	0	23	02	98	00	0	437	88	0	0	9	0	0	25	87
	Harnai *	000	0	0	18	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	29	02	98	00	0	445	84	0	0	9	0	0	39	84
Kalat	Chaman *	000	0	0	25	02	98	00	0	472	86	0	0	9	0	0	78	88
	Kalat *	000	0	0	31	05	98	00	0	467	76	0	0	9	0	0	30	81
	Nushki *	000	0	0	27	05	96	00	0	515	94	0	0	9	0	0	39	94
	Dalbandin *	000	0	0	23	07	97	02	0	467	96	0	0	9	0	0	30	98
	Panjgur *	000	0	0	31	05	98	00	0	480	90	0	0	9	0	0	32	93
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

STATION	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	042	9	4	11	02	96	01	9	070	87	2	3	7	0	9	79	76
Chittagong	107	9	5	05	02	97	02	9	065	86	4	4	6	1	0	80	78
Maijdee Court	010	9	4	00	00	98	00	0	062	84	0	0	9	2	0	77	79
Comilla	600	0	4	00	00	98	02	1	066	86	4	2	5	0	0	76	77
Brahmanbaria	176	0	2	09	02	97	03	2	071	86	2	0	9	4	0	77	79
Sylhet	004	9	1	09	05	97	01	0	066	83	1	1	8	3	0	75	70
Srimangal	059	0	2	05	02	97	01	1	071	85	2	1	7	0	0	76	75
Mymensingh	000	0	0	13	02	98	00	1	071	84	0	0	9	0	0	77	77
Narayanganj	108	9	8	09	02	96	02	2	067	82	8	5	6	×	×	78	78
Dacca (Tezgaon)	000	9	7	09	02	99	02	2	061	82	2	8	4	7	0	77	78
Faridpur	000	9	5	11	02	96	03	0	062	87	2	5	7	1	0	79	77
Barisal																	
Khulna	000	0	8	13	03	97	01	2	065	87	7	4	7	×	×	81	81
Satkhira	000	0	6	00	00	98	03	1	063	90	4	3	8	6	0	83	79
Jessore	000	0	6	05	03	97	03	2	062	85	4	8	6	6	0	81	78
Sirajganj	000	0	2	00	00	96	01	2	059	85	2	1	4	0	0	81	78
Bogra	040	9	4	19	02	97	02	9	062	83	4	2	6	0	0	79	78
Dinajpur	000	2	8	00	00	96	02	2	072	83	6	4	7	2	×	77	74
Rangpur	000	0	8	13	02	96	01	1	×××	××	3	5	6	6	×	78	78
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	049	81	0	0	9	0	0	65	73
Sialkot	000	0	0	05	03	97	00	0	041	83	0	0	9	0	0	71	76
Jhelum	000	0	0	00	00	96	02	0	041	83	0	0	9	0	0	66	72
Rawalpindi	000	0	0	00	00	99	00	0	040	80	0	0	9	0	0	61	68
Khushab	000	0	0	00	00	97	00	0	041	87	0	0	9	0	0	59	72
Lyallpur	000	0	0	00	00	96	00	0	053	76	0	0	9	0	0	59	70
Montgomery	000	0	0	23	02	97	00	0	048	77	0	0	9	0	0	64	69
Multan	000	0	0	23	03	96	00	0	034	78	0	0	9	0	0	63	
Leiah																	
Khanpur	000	0	0	22	03	96	00	0	061	77	0	0	9	0	0	74	72
Bahawalpur	000	0	0	20	02	97	00	0	056	80	0	0	9	0	0	70	74
Fort Abbas	000	0	0	23	05	97	00	0	055	86	0	0	9	0	0	71	70
Chakdara	000	0	0	31	××	97	00	0	036	72	0	×	9	×	×	53	52
Peshawar	000	0	0	23	02	98	00	0	037	76	0	0	9	0	0	59	71
Haripur	000	0	0	27	02	48	00	0	032	80	0	0	9	0	0	57	69
Campbellpur	000	0	0	00	00	98	00	0	042	79	0	0	9	0	0	60	71
Bannu	000	0	0	41	02	99	00	0	031	80	0	0	9	0	0	61	73
D.I. Khan	000	0	0	00	00	98	00	0	021	77	0	0	9	0	0	73	××
Sibi	000	0	0	00	00	99	00	0	061	81	0	0	9	0	0	67	81
Nokkundi	000	0	0	34	05	99	02	0	057	34	0	0	9	0	0	34	70
Turbat	000	0	0	00	00	98	00	0	069	91	0	0	9	0	0	78	82
Jiwani	000	0	3	09	05	96	01	0	076	79	3	5	5	0	0	74	74
Pasni																	
Ormara	000	0	6	××	00	98	02	1	105	78	6	4	5	0	0	77	76
Las Bela	000	0	3	00	02	98	00	2	104	79	0	0	9	0	4	72	75
Karachi (Manora)	000	0	6	25	05	97	03	0	080	78	6	0	9	7	0	75	76
Karachi (Air port)	000	0	3	25	05	96	03	1	082	79	1	5	5	3	0	75	75
Badin	000	0	0	23	02	96	00	0	073	78	0	0	9	0	0	71	××
Nagarparkar	×××	×	0	16	02	99	00	0	×××	××	0	0	9	0	0	××	××
Umarkot	000	0	0	23	03	97	00	0	06.	74	0	0	9	0	0	70	71
Hyderabad	000	0	0	20	03	97	02	0	075	78	0	0	9	0	0	71	75
Pad-i-dan	000	0	0	18	05	98	02	0	059	75	0	0	9	0	0	68	70
Nawabshah	000	0	0	18	03	97	02	0	067	78	0	0	9	0	0	69	73
Sukkur	000	0	0	00	00	96	00	0	063	68	0	0	9	0	0	68	73
Kashmore	000	0	0	18	02	99	00	0	071	78	0	0	9	0	0	71	62
Jacobabad	000	0	0	13	03	96	02	0	067	77	0	0	9	0	0	68	72
Veraval																	
Jalalabad																	
Muscat	000	0	0	00	00	99	00	0	064	85	0	0	9	0	0	59	82
Kuwait																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Alibad *																	
Gilgit *																	
Murree *	000	0	0	27	02	98	00	0	468	66	0	0	0	0	0	46	56
Drosh *	000	0	0	00	00	96	02	0	483	65	0	0	9	0	0	37	63
Cherat *	000	0	0	36	02	97	00	0	467	73	0	0	9	0	0	45	65
Kakul *	000	0	0	27	02	97	00	0	473	71	0	0	9	0	0	54	60
Landi Kotal *	000	0	0	00	00	97	00	0	411	77	0	0	9	0	0	49	64
Parachinar *	000	0	0	00	00	99	00	0	799	70	0	0	9	0	0	46	××
Miranshah *	000	0	0	00	00	99	00	0	496	76	0	0	9	0	0	47	—
Wana *	000	0	0	00	00	99	00	0	446	64	0	0	9	0	0	43	57
Fort Sandeman *	000	0	0	00	00	56	00	0	486	72	0	0	9	0	0	23	56
Hindubagh *	000	0	0	27	02	93	00	0	487	62	0	0	9	0	0	30	54
Loralai *	000	0	0	31	02	98	00	0	465	59	0	0	9	0	0	25	55
Harnai *	000	0	0	31	02	98	00	0	×××	××	0	0	9	0	0	××	××
Quetta *	000	0	0	00	00	96	00	0	477	57	0	0	9	0	0	29	42
Chaman *	000	0	0	18	02	97	00	0	497	57	0	0	9	0	0	66	60
Kalat *	000	0	0	18	05	98	00	0	503	59	0	0	9	0	0	25	46
Nushki *	000	0	0	××	05	97	00	0	533	69	0	0	9	0	0	25	64
Dalbandin *	000	0	0	00	00	96	02	0	458	61	0	0	9	0	0	27	54
Panjgur *	000	0	0	05	03	98	00	0	471	65	0	0	9	0	0	39	59
Kabul *	030	0	0	00	00	99	00	0	543	59	0	0	9	0	0	52	49
Kandahar *																	

Departure from Normal of / Rainfall

STATION	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	+2	0	111.1	+6.5	122.0	140
Chittagong	+3	+1	66.7	-6.8	74.1	108
Maijdee Court	+3	+1	59.6	-19.5	69.5	115
Comilla	+3	0	44.1	-16.5	55.9	94
Brahmanbaria	—	—	40.1	-4.7	55.8	78
Sylhet	—	—	68.4	—	118.9	..
Srimangal		0	61.0	-5.6	87.6	98
Mymensingh	-2	-1	20.8	-27.9	61.5	91
Narayanganj	+4	-1	48.3	+2.9	62.4	74
Dacca (Tezgaon)	—	—	43.9	—	58.9	
Faridpur	0	-1	37.8	-6.1	49.9	71
Barisal						81
Khulna		+4	36.9	-8.9	44.9	68
Satkhira	+4	+2	38.9	-4.0	55.9	65
Jessore	—	—	36.7	-4.1	40.1	65
Sirajganj	+3	0	54.4	+12.6	64.0	64
Bogra	+5	0	54.8	+8.5	62.3	69
Dinajpur	+4	-4	41.2	-10.7	44.4	72
Rangpur	+4	—	44.5	-12.5	53.3	84
Jammu						..
Lahore (Jail Rd.)	+4	-1	16.7	+7.7	25.4	19
Sialkot	+5	+2	21.9	-0.9	45.1	32
Jhelum	—	—	16.7	—	27.3	38
Rawalpindi	-1	-1	14.4	-8.4	30.3	36
Khushab	+4	-4	8.2	-1.6	17.0	14
Lyallpur	0	-4	10.1	+1.1	16.2	12
Montgomery	+2	-6	6.4	-8.6	10.2	10
Multan	+5	-7	0.7	-4.0	4.1	7
Leiah						8
Khanpur	0	-3	0.2	-4.6	1.2	6
Bahawalpur	-2	0	1.3	-2.9	2.5	6
Fort Abbas	—		—	—		8
Chakdara	—	—	2.7	—	13.5	14
Peshawar	-1	0	1.9	-2.3	13.0	..
Haripur	—	—	7.9	—	11.9	..
Campbellpur	—	—	5.7	—	21.1	..
Bannu	—	—	2.4	—	9.5	41
D.I. Khan	+4	×	2.3	-3.0	7.8	13
Sibi	—	—	1.4	—	6.2	5
Nokkundi	—	—	0	—	4.9	2
Turbat	—	—	1.5	—	5.9	..
Jiwani	—	—	0	—	3.1	4
Pasni	-2					6
Ormara	—	—	0	-0.8	3.8	6
Las Bela	—	—	1.5	—	2.6	8
Karachi (Manora)	+2	-1	0.6	-5.4	1.1	8
Karachi (Air port)	—	—	0.9	—	1.4	9
Badin	+2	—	3.6	-3.5	3.6	..
Nagarparkar	—	—	—	—	—	..
Umarkot	—	—	4.7	—	4.7	7
Hyderabad	0		0.9	-4.9	2.8	..
Pad-i-dan	—	—	0	—	1.4	..
Nawabshah	—	—	—	—	—	4
Sukkur	—	—	0.1	—	2.9	..
Kashmore	—	—	—	—	—	4
Jacobabad	-6	-4	0	-2.2	3.5	..
Veraval						23
Jalalabad						..
Muscat	-4	+1	0	-0.1	6.9	..
Kuwait						..
Srinagar *						26
Gulmarg **						24
Sonamarg **						26
Dras **						3
Leh **						6
Skardu *						..
Misgar **	—	—	—	—	—	..
Alibad *						..
Gilgit *						5
Murree *	+3	0	34.2	-9.9	57.9	59
Drosh *	+7	-1	2.6	—	34.2	18
Cherat *	+1	0	4.6	-6.9	25.5	29
Kakul *	—	—	14.4	—	41.8	..
Landi Kotal *	—	—	1.1	—	15.3	29
Parachinar *	—	—	6.7	—	25.8	17
Miranshah *	—	—	3.1	-1.2	15.4	
Wana *	—	—	1.4	—	13.8	
Fort Sandeman *	+1	-6	2.4	-2.5	12.9	11
Hindubagh *	—	—	0	—	12.3	..
Loralai *	—	—	1.9	—	10.2	14
Harnai *	—	—	2.0	-5.3	14.3	9
Quetta *	—	—	0	-1.0	9.5	8
Chaman *	-2	-2	0	-0.2	10.2	7
Kalat *	-2	-1	0	-1.2	8.4	..
Nushki *	—	—	0	—	8.0	4
Dalbandin *	-1	-9	0	-3.3	4.4	5
Panjgur *	-1	-4	0	—	4.2	12
Kabul *		—	—	—	—	
Kandahar *						

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 19th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cercal	43 223	599 00	0 20 05	98 00 0	083 75	00 9 00	4 4 508	..	0 00 70	1 20 22
Dwarka	43 247	579 00	0 00 00	99 02 0	082 82	00 9 00	3 5 702	..	0 53 77	..
Kohomaru	43 203	641 06	1 25 14	98 02 0	130 84	11 5 00	3 6 xxx	..	0 06 60	..
Dwarka	43 239	593 12	0 00 00	97 00 0	072 82	00 9 00	1 5 705	..	8 51 77	..
Kohomaru	43 152	669 18	0 23 08	98 02 0	120 79	00 9 00	3 6 xxx		0 54 73	
Dumra	43 088	681 18	8 01 02	99 02 2	132 81	84 5 xx	2 5 102		0 00 72	1 20 21
Dwarka	43 244	607 18	0 31 02	97 00 0	078 79	00 9 00	1 3 101	..	0 00 79	1 31 21

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface (PPP TTT $T_dT_dT_d$)	1000 mb (HHH TTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	004 250 250	061 248 248	..	420 218 218	..	142 152 082	431 095 022	922 022 608	703 542 678	994 608	297 735	498 855	776 935
Lahore ..														
Multan ..														
Peshawar ..	00 00	962 242 178	..	..	400 205 138	..	073 078 042	321 508 945	742 585 999	409 702 999	945 895 999	..	..	..
Quetta ..	00 00	829 202 502	..	..	..	..	137 132 015	404 048 558	..	..	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels (PPP TTT $T_dT_dT_d$)									Max. Height Reached (PPP TTT TdTdTd)	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 220 220	800 195 168	350 265 708	250 685 999	..	..	..	..	..	250 685 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	900 225 155	800 168 105	350 798 999	250 942 999	225 980 999	..	..	..	..	225 809 999	..	..
Quetta ..	00 00	..	..	..	..	..	..	..	..	..	676 000 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of 9C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in ºC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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	14 09	15 06	20 04	21 01	..	..	..	..	..	19 06	27 06	32 03	01 07	34 04	25 05	06 06	..	..		..	..	..	..	..	..	..
Chaklala										..	08 06	26 06	29 06	30 07	31 13		..		..		..	..	..	..	..	..
Chhor ..	23 12	22 15	20 16	21 13	20 08	13 12	05 03	32 09	24 08	24 21	23 24	20 22	19 16	18 11	16 09						..	..	..	..	..	..
Chittagong ..	02 13	36 10	35 05	02 03	04 06	31 07	35 15	36 23	34 18	22 01	32 03	33 04	02 08	04 11	05 09	36 02	34 02	31 03	..	..	..	..	..	..		
Cox's Bazar →	No	ascent	..	..		..	..	..	..	27 01	28 03	31 04	02 05	03 08	05 10					..	..	..	..		..	
Dacca	12 04	07 01	01 01	30 06	26 05		..			08 06	10 02	31 03	34 04	35 04		05 04	05 05	04 05				..				
Dalbandin ..	..	..	26 09	27 07	23 07	30 09	31 11	31 13	31 19	..		02 02	02 04	01 06	33 18	..		06 01	33 02	34 05	33 11	34 14	32 14	26 39	26 43	24 29
D. I. Khan ..	..	..	..																							
Drosh ..	..	..	..	23 25	23 22	22 15	16 01	20 07	14 01	..			29 01	23 02	25 03					01 07	36 04	06 02	16 02	03 09	02 08	25 17
Fort Sandeman ..				21 07	18 05	28 02	29 10	29 10	27 10	..			35 01	31 09	34 15				23 01	22 02	06 03	06 05	11 05	09 06	09 05	25 33
Jacobabad	18 12	19 12	21 11	21 09	16 04	23 04	25 10	31 10	29 12	17 21	21 15	18 05	18 06	23 10	23 15	16 09	18 10	19 10	19 12	20 12	29 04	03 08	03 10	25 06	29 12	26 41
Jessore																										
Jhelum ..	31 01	27 04	26 04	28 06	30 06	29 10	31 19	31 15	31 14	05 06	32 06	26 07	29 08	29 07	31 15	13 04	14 04	29 04	29 07	29 07	31 06	31 07	28 29	30 10	30 10	25 23
Jiwani ..	21 08	21 06	20 02	08 06	04 10	05 24	03 17	02 05	23 05	18 03	22 05	18 01				11 07	19 04	31 05	05 07	06 07	01 14	..	..			..
Karachi ..	25 16	27 18	27 19							27 17	27 16	25 12	33 06	02 11	35 22	25 18	27 11									
Khanpur ..	24 11	23 13	22 13	22 10	27 05	24 06	30 07	26 09	27 17	24 30	24 27	24 27	24 19	21 11	22 05	22 19	23 25	22 25	22 13	19 06	36 05	13 07	15 08	26 08	26 19	26 48
Lahore ..	31 05	36 05	01 04	08 05	10 07	30 12	29 16	31 16	30 14	26 08	28 10	28 08	31 03	35 08	31 08	27 03	29 06	30 12	30 16	35 05	01 06	28 13	27 19	25 08	35 10	27 24
Multan ..	21 12	23 09	24 06	25 08	29 08	25 10	27 08	28 10	26 10	23 39	24 31	25 17	26 18	25 15	23 09	21 17	23 22	23 23	24 16	24 41	16 08	13 09	07 12	16 03	26 09	25 57
Muscat ..	..			..	..	..	..	..		..		..			..	..	..	..		..	..		..		..	..
Panjgur ..	..	..	..			..	..	..								..				..						
Peshawar ..	..	..	..	..						..	05 02	21 06	13 04	09 04	17 04	..	12 01	35 01	32 04	31 02	29 10	31 19	32 12	28 04	36 05	25 43
Quetta ..	..	..		..	35 04	27 05	30 07	30 12	28 19		..			18 01	31 05		..			30 02	30 16	16 08	08 07	35 08	31 08	
Sharjah ..				..	..	..	..	..	..																	
Sylhet ..	35 02	24 02	..	..	..	..		..	..	08 06	03 02	35 02	32 05	30 02	23 02	03 01	03 05	05 07	06 05	24 04	20 04	26 06	22 06	21 07	20 03	..
Veraval ..	.																									..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	26 12	25 14	25 12	32 12	01 13	01 23	04 19	01 17	30 09	27 17	23 21	29 88	22 24	22 19	22 19	20 19	24 13	18 09
Peshawar ..	—	34 08	27 08	14 06	08 10	31 08	31 17	33 19	35 24	35 17	29 23							
Quetta ..																		

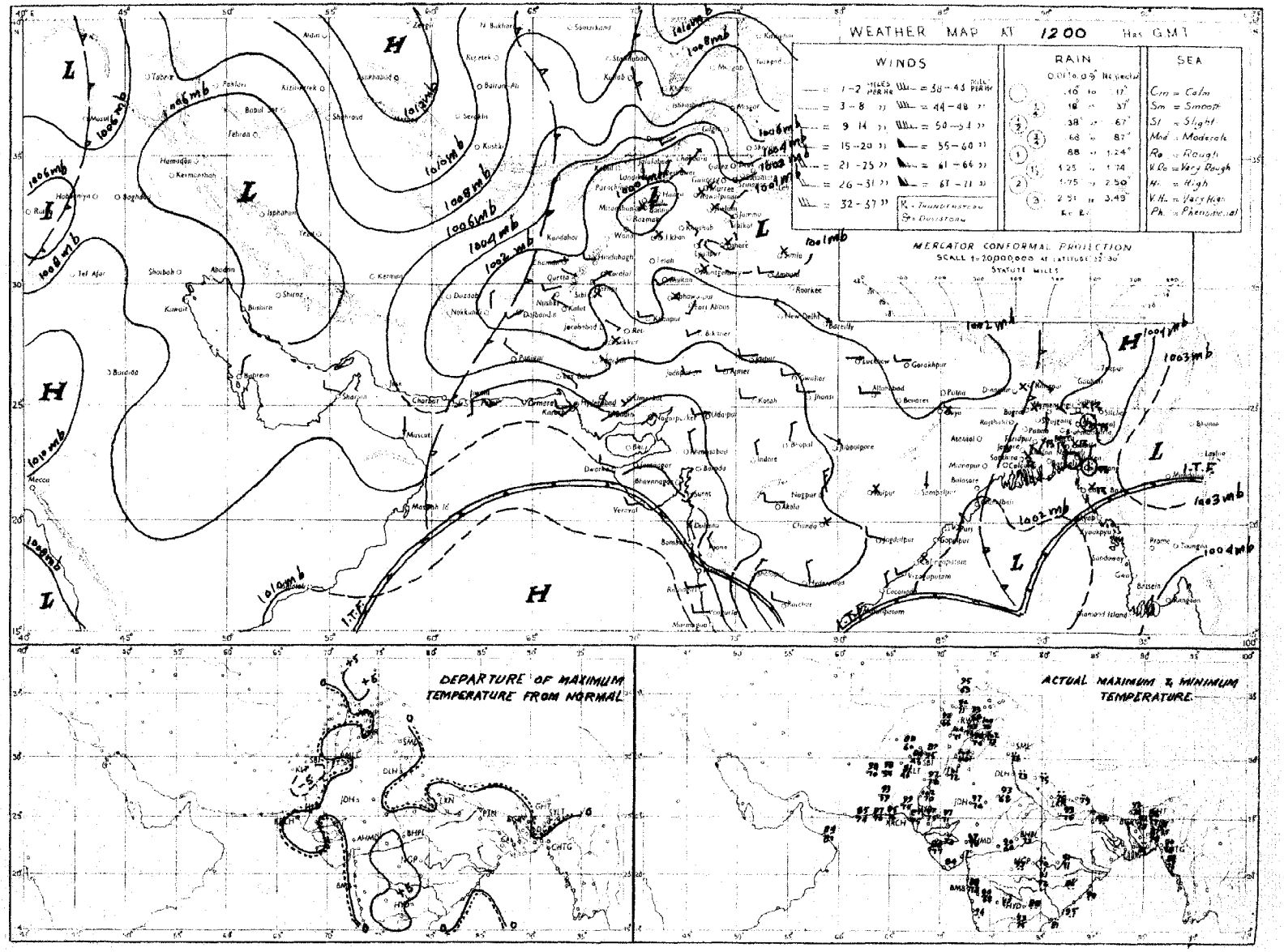
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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

PAKISTAN DAILY WEATHER MAP

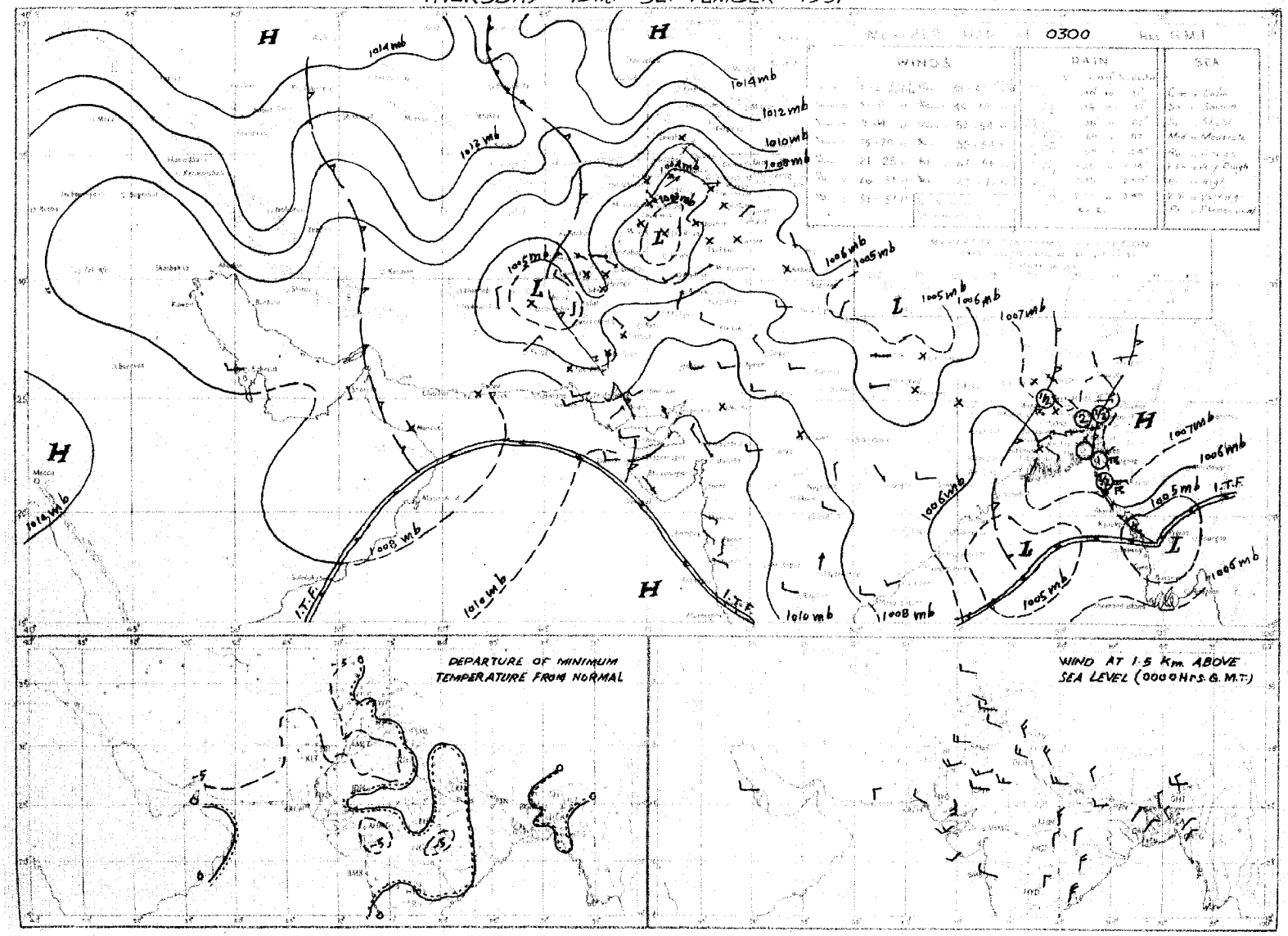
WEDNESDAY 18th. SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 19th. SEPTEMBER 1957



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

FRIDAY, THE 20th SEPTEMBER, 1957.

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

Yesterday's easterly low pressure wave has moved into East Central Bay of Bengal.

Scattered thunderstorms/showers have occurred in Chittagong and Rajshahi divisions.

Weather remained dry elsewhere over the country except for isolated thunderstorm reported from Rawalpindi division.

Chittagong recorded 1¼" and Satkhira ¾" of rain.

Day temperatures were 3-5°F above normal in Peshawar and D. I. Khan divisions and in East Pakistan and were 3-5°F below normal in Bahawalpur, Khairpur and Hyderabad divisions.

Forecast valid until the evening of 21st:—Thunderstorms/showers will be scattered in East Pakistan and in Peshawar and Rawalpindi divisions and in Kashmir.

Karachi-11.
The 20th September, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	DryBulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	6	5	27	02	96	63	9	038	85	4	9	6	0	4	78	89
	Chittagong	000	0	5	23	05	96	01	1	031	85	2	3	7	1	0	79	90
	Maijdee Court	000	9	1	23	02	99	01	1	030	88	0	0	9	1	0	80	91
	Comilla	000	0	2	00	00	98	04	0	028	90	2	4	7	0	0	78	92
	Brahmanbaria	000	0	1	00	00	97	01	1	027	85	1	1	5	0	0	75	90
	Sylhet	000	0	1	27	02	97	01	0	024	85	1	2	7	0	0	78	90
	Srimangal	000	0	1	00	00	96	01	1	024	85	1	1	7	0	0	79	91
Dacca	Mymensingh	000	0	0	00	00	98	00	1	033	88	0	0	9	0	0	77	91
	Narayanganj	000	9	2	00	00	96	03	1	030	88	2	5	7	0	0	78	92
	Dacca (Tezgaon)	000	9	3	00	00	98	02	2	027	86	2	3	5	3	0	78	92
	Faridpur	000	8	2	34	02	96	01	1	033	86	2	4	8	0	0	79	91
	Barisal																	
Rajshahi	Khulna	000	8	4	00	00	97	01	1	034	85	2	5	7	3	0	76	91
	Satkhira	063	7	8	00	00	96	03	6	038	82	8	6	6	x	x	81	93
	Jessore	000	5	6	18	02	97	03	5	034	82	4	4	6	6	0	79	90
	Sirajganj	000	0	3	00	00	96	02	0	031	87	2	2	7	0	1	79	91
	Bogra	000	0	0	00	00	96	00	1	028	88	0	0	9	0	0	77	89
	Dinajpur	000	0	0	00	00	96	00	0	039	86	0	0	9	0	0	79	92
	Rangpur	000	0	2	09	02	96	01	1	xxx	88	2	5	6	0	0	78	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	23	03	96	02	0	026	95	0	0	9	0	0	60	99
	Sialkot	000	0	2	00	00	97	03	1	017	98	2	2	6	0	0	69	01
Rawalpindi	Jhelum	000	2	2	23	02	96	02	1	017	97	2	2	8	0	0	65	00
	Rawalpindi	000	0	4	27	02	99	02	2	027	92	4	2	8	0	0	61	93
	Khushab	000	0	0	16	05	98	00	0	015	99	0	0	9	0	0	62	02
Multan	Lyallpur	000	0	0	20	02	96	00	0	033	97	0	0	9	0	0	55	00
	Montgomery	000	0	0	23	02	97	00	0	023	97	0	0	9	0	0	67	98
	Multan	000	0	0	23	04	96	00	0	026	92	0	0	9	0	0	56	99
Bahawalpur	Leiah	000	0	0	27	02	96	00	0	xxx	52	0	0	9	0	0	xx	57
	Khanpur	000	0	0	27	03	96	00	0	042	97	0	0	9	0	0	79	99
	Bahawalpur	000	0	0	00	00	97	00	0	044	93	0	0	9	0	0	73	97
	Fort Abbas	000	0	0	23	02	97	00	0	038	98	0	0	9	0	0	72	02
Peshawar	Chakdara	000	0	2	xx	xx	98	02	0	005	93	2	3	7	0	0	38	99
	Peshawar	000	0	1	05	03	97	02	0	001	95	1	0	9	3	0	41	97
	Haripur	000	4	1	23	02	97	01	0	007	97	1	2	6	0	0	78	98
	Campbellpur	000	0	0	09	02	98	00	0	006	96	0	0	9	0	0	43	96
D.I. Khan	Bannu	000	0	0	09	02	99	00	0	000	97	0	0	9	0	0	67	99
	D.I. Khan	000	0	0	00	00	98	00	0	029	01	0	0	9	0	0	80	03
Quetta	Sibi	000	0	0	23	01	98	00	0	021	01	0	0	9	0	0	74	01
Kalat	Nokkundi	000	0	0	34	05	98	02	0	013	97	0	0	9	0	0	73	99
	Turbat	000	0	0	00	00	97	00	0	044	92	0	0	9	0	0	84	00
	Jiwani	000	0	1	16	07	86	02	2	048	84	1	5	5	0	0	78	87
	Pasni	000	0	0	18	14	96	00	0	067	85	0	0	9	0	0	72	89
	Ormara	000	0	0	xx	xx	98	00	0	067	86	0	0	9	0	0	87	85
	Las Bela	000	0	0	13	04	98	00	0	056	96	0	0	9	0	0	72	98
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	09	98	02	0	054	82	2	6	4	5	0	75	87
	Karachi (Air port)	000	0	1	25	09	97	01	2	060	85	1	5	6	0	0	70	87
	Badin	000	0	0	23	02	97	00	0	064	91	0	0	9	0	0	70	94
	Nagarparkar	xxx	x	0	18	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	18	03	97	00	0	040	96	0	0	9	0	0	67	97
	Hyderabad	000	0	2	20	09	97	01	2	049	96	2	1	6	0	0	68	94
Khairpur	Pad-i-dan	000	0	0	18	05	58	02	0	038	97	0	0	9	0	0	56	99
	Nawabshah	000	0	0	18	03	97	02	0	049	94	0	0	9	0	0	63	97
	Sukkur	000	0	0	00	00	96	00	0	035	96	0	0	9	0	0	68	97
	Kashmore	000	0	0	18	02	99	00	0	035	93	0	0	9	0	0	85	01
	Jacobabad	000	0	0	13	03	97	02	0	049	94	0	0	9	0	0	61	98
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	36	02	99	00	0	050	90	0	0	9	0	0	77	93
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh ***																	
	Skardu *																	
	Misgar **																	
	Alibad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	5	5	31	03	97	17	1	464	69	5	9	3	0	0	53	71
Peshawar	Drosh *	000	3	5	23	07	96	03	1	436	86	5	2	7	0	0	34	95
	Cherat *	000	0	0	18	03	96	00	0	471	87	0	0	9	0	0	38	89
	Kakul *	000	6	2	23	03	98	03	0	472	83	2	2	7	0	0	51	86
	Landi Kotal *	000	0	0	05	02	97	00	0	449	88	0	0	9	0	0	49	91
D.I. Khan	Parachinar *	000	0	0	36	02	99	00	0	494	66	0	0	9	0	0	41	xx
	Miranshah *	000	0	0	00	00	99	00	0	493	92	0	0	9	0	0	69	93
	Wana *	000	0	0	13	02	99	00	0	438	88	0	0	9	0	0	37	01
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	458	91	0	0	9	0	0	39	93
	Hindubagh *	000	0	0	27	02	98	00	0	446	85	0	0	9	0	0	41	87
	Loralai *	000	0	2	13	02	98	02	1	450	85	0	0	9	3	0	33	88
	Harnai *	000	0	8	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	34	07	97	02	0	466	85	1	1	6	0	0	41	85
Kalat	Chaman *	000	0	0	25	03	98	00	0	471	88	0	0	9	0	0	78	91
	Kalat *	000	0	0	36	03	98	00	0	455	80	0	0	9	0	0	30	82
	Nushki *	000	0	0	36	05	96	00	0	526	94	0	0	9	0	0	43	95
	Dalbandin *	000	0	0	13	02	97	02	0	474	94	0	0	9	0	0	35	97
	Panjgur *	000	8	0	36	03	98	00	0	476	92	0	0	9	0	0	38	93
Afghanistan	Kabul *	000	0	2	00	00	99	03	0	469	75	2	1	7	0	0	39	86
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	000	9	5	02	02	96	01	9	060	86	1	4	7	0	4	79	78
Chittagong	130	5	3	05	02	97	01	2	064	81	3	0	9	2	0	77	75
Maijdee Court	000	2	8	00	00	98	02	9	062	80	1	2	5	4	2	78	83
Comilla	000	0	4	18	02	98	03	1	065	86	4	2	5	0	0	79	79
Brahmanbaria	000	0	3	00	00	97	03	2	062	87	3	4	5	0	0	79	80
Sylhet	000	0	3	09	05	97	01	2	064	85	1	1	6	5	1	76	77
Srimangal	000	0	1	09	02	97	01	0	069	87	1	1	7	0	0	79	75
Mymensingh	000	0	6	18	02	98	02	1	068	85	0	0	9	0	8	79	78
Narayanganj	000	9	8	00	00	95	03	2	061	84	4	5	6	3	x	79	82
Dacca (Tezgaon)	000	3	7	36	03	97	02	2	057	84	1	0	9	4	6	76	80
Faridpur	000	9	6	34	02	96	03	0	058	85	1	5	7	1	0	81	80
Barisal																	
Khulna	000	0	5	00	00	97	01	1	064	83	5	5	7	0	0	79	79
Satkhira	063	0	2	00	00	99	01	0	059	86	2	5	9	0	0	81	77
Jessore	000	0	2	36	03	97	01	2	058	84	2	0	9	6	0	80	76
Sirajganj	000	0	6	00	00	96	03	2	051	85	6	1	6	0	1	78	79
Bogra	000	0	0	36	02	98	00	0	062	85	0	0	9	0	0	78	80
Dinajpur	000	0	0	00	00	96	00	0	070	87	0	0	9	0	0	77	75
Rangpur	000	0	0	10	02	96	01	0	xxx	88	1	5	6	0	0	78	77
Jammu																	
Lahore (Jail Rd.)	000	0	3	00	00	96	03	0	067	81	1	2	7	3	0	64	71
Sialkot	005	2	6	00	00	97	02	5	064	75	6	5	6	x	x	68	75
Jhelum	000	9	4	00	00	97	03	3	065	76	4	0	9	5	0	65	72
Rawalpindi	000	0	0	00	00	99	00	0	059	80	0	0	9	0	0	59	67
Khushab	000	0	0	09	03	97	00	0	057	84	0	0	9	0	0	59	72
Lyallpur	000	0	0	20	02	96	00	0	062	75	0	0	9	0	0	59	70
Montgomery	000	0	0	00	00	96	00	0	061	77	0	0	9	0	0	63	69
Multan	000	5	0	13	07	96	00	0	044	81	0	0	9	0	0	58	70
Leiah	000	0	0	18	02	96	00	0	xxx	78	0	0	0	0	0	—	—
Khanpur	000	0	0	23	03	96	00	0	071	79	0	0	9	0	0	75	71
Bahawalpur	000	0	0	23	02	97	00	0	066	80	0	0	9	0	0	70	70
Fort Abbas	000	0	0	23	03	98	00	0	071	84	0	0	9	0	0	71	72
Chakdara	000	0	0	xx	xx	97	00	0	050	71	0	x	9	x	x	50	53
Peshawar	000	0	0	31	02	98	02	0	050	77	0	0	9	0	0	61	70
Haripur	000	3	1	18	02	98	00	0	045	79	1	0	9	0	3	42	73
Campbellpur	000	0	0	09	02	98	00	0	051	78	0	0	9	0	0	58	72
Bannu	000	0	0	18	02	99	00	0	046	80	0	0	9	0	0	62	71
D.I. Khan	000	0	0	00	00	98	00	0	054	74	0	0	9	0	0	63	68
Sibi	000	0	0	00	00	99	00	0	074	80	0	0	9	0	0	68	79
Nokkundi	000	0	0	34	02	99	02	0	053	85	0	0	9	0	0	42	76
Turbat	000	0	0	00	00	98	00	0	084	91	0	0	9	0	0	xx	xx
Jiwani	000	0	5	13	02	96	03	1	081	79	5	6	4	0	0	74	75
Pasni	000	0	4	07	03	96	00	0	089	77	4	5	2	0	0	74	75
Ormara	000	0	3	00	00	98	03	1	093	78	3	4	5	0	0	75	76
Las Bela	000	0	0	00	02	98	00	0	035	77	0	0	9	0	0	74	72
Karachi (Manora)	000	0	2	29	05	97	03	0	080	79	2	0	9	5	0	75	76
Karachi (Air port)	000	0	1	25	03	96	03	0	083	79	1	3	6	0	0	73	74
Badin	000	3	4	23	02	96	20	3	091	79	3	7	5	0	0	73	xx
Nagarparkar	000	0	2	25	02	97	03	0	xxx	xx	2	2	7	0	0	xx	xx
Umarkot	000	0	0	18	03	97	00	0	073	76	0	0	9	0	0	73	73
Hyderabad	000	0	0	20	03	97	02	0	082	78	0	0	9	0	0	74	74
Pad-i-dan	000	0	0	13	05	98	02	0	073	75	0	0	9	0	0	70	73
Nawabshah																	
Sukkur	000	0	0	00	00	96	00	0	070	79	0	0	9	0	0	67	73
Kashmore	000	0	0	23	01	99	00	0	078	84	0	0	9	0	0	70	71
Jacobabad	000	0	0	13	09	97	02	0	078	80	0	0	9	0	0	65	73
Veraval																	
Jalalabad																	
Muscat	000	0	0	00	00	99	00	0	070	89	0	0	9	0	0	78	85
Kuwait																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh ***																	
Skardu *																	
Misgar **	000	0	0	00	00	98	00	0	069	50	0	0	9	0	0	03	41
Alibad *																	
Gilgit *																	
Murree *	000	9	5	13	02	97	02	9	483	62	3	5	5	5	0	50	57
Drosh *	000	0	3	00	00	96	03	0	483	67	3	2	7	0	0	47	63
Cherat *	000	0	0	00	00	96	00	0	475	68	0	0	9	0	0	52	66
Kakul *	000	9	5	31	02	97	03	1	483	72	1	5	8	7	2	55	66
Landi Kotal *	000	0	0	00	00	97	00	0	467	76	0	0	9	0	0	53	66
Parachinar *	000	0	0	00	00	99	00	0	796	70	0	0	9	0	0	48	—
Miranshah *	000	0	0	00	00	99	00	0	494	75	0	0	9	0	0	55	67
Wana *	000	0	0	00	00	99	00	0	476	66	0	0	9	0	0	40	57
Fort Sandeman *	000	0	0	00	00	96	00	0	476	48	0	0	9	0	0	38	55
Hindubagh *	000	0	0	27	02	98	00	0	459	62	0	0	9	0	0	30	54
Loralai *	000	0	0	31	02	98	00	0	470	59	0	0	9	0	0	29	56
Harnai *	000	0	0	27	02	97	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	0	18	02	96	00	0	479	59	0	0	9	0	0	44	45
Chaman *	000	0	0	11	02	97	00	0	478	77	0	0	9	0	0	67	62
Kalat *	000	0	0	18	05	98	00	0	500	58	0	0	9	0	0	25	47
Nushki *	000	0	0	13	03	97	00	0	533	70	0	0	9	0	0	27	65
Dalbandin *	000	0	0	13	02	97	02	0	444	64	0	0	9	0	0	31	57
Panjgur *	000	0	0	36	02	98	00	0	472	66	0	0	9	0	0	31	62
Kabul *	000	0	0	14	00	99	00	0	543	55	0	0	9	0	0	50	49
Kandahar *																	

Departure from Normal of / Rainfall

Station (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	+ 2	+ 2	111.1	+ 6.0	122.0	140
Chittagong	+ 3	- 2	66.7	- 7.1	74.1	108
Maijdee Court	+ 4	- 5	59.6	- 20.1	69.5	115
Comilla	+ 4	+ 2	44.1	- 15.9	35.9	94
Brahmanbaria	—	—	40.1	- 5.0	55.8	78
Sylhet	—	—	68.4	—	118.9	..
Srimangal	0	0	6.1	- 49.7	87.6	98
Mymensingh	+ 3	0	28.8	- 28.5	61.5	91
Narayanganj	+ 4	+ 3	48.3	- 2.6	62.4	74
Dacca (Tezgaon)	—	—	43.9	—	58.9	..
Faridpur	+ 4	+ 2	37.8	- 6.5	49.9	71
Barisal						81
Khulna	+ 3	+ 2	36.9	- 9.2	44.9	[illegible]
Satkhira	+ 4	0	39.5	- 3.7	56.5	[illegible]
Jessore	—	—	36.7	- 4.4	40.1	[illegible]
Sirajganj	+ 4	+ 1	54.4	+ 12.3	64.0	[illegible]
Bogra	+ 1	+ 2	54.8	+ 8.2	62.3	[illegible]
Dinajpur	+ 4	- 3	41.2	- 3.0	44.4	[illegible]
Rangpur	+ 2	0	44.5	- 13.1	53.3	[illegible]
Jammu						
Lahore (Jail Rd.)	+ 1	- 1	16.7	+ 2.5	25.4	19
Sialkot	+ 6	+ 1	21.9	- 1.0	45.1	32
Jhelum	—	—	16.7	—	27.3	..
Rawalpindi	- 1	- 2	14.4	- 6.5	30.3	36
Khushab	+ 3	- 4	8.2	- 1.6	17.0	15
Lyallpur	+ 2	- 4	10.1	+ 4.4	16.2	12
Montgomery	- 2	- 6	6.4	- 0.7	10.2	[illegible]
Multan	0	- 7	0.7	- 4.0	4.1	[illegible]
Leiah	—	—	—	—	—	
Khanpur	- 2	- 4	0.2	- 4.6	1.2	
Bahawalpur	- 3	- 4	1.3	- 2.9	2.5	
Fort Abbas	—	—	2.6	—	5.5	
Chakdara	—	—	2.7	—	17.5	..
Peshawar	+ 3	—	1.9	- 2.3	13.0	..
Haripur	—	—	7.9	—	11.9	..
Campbellpur	—	—	5.7	—	21.1	..
Bannu	—	—	2.4	—	9.5	11
D.I. Khan	+ 3	x	2.3	- 3.1	7.8	10
Sibi	—	—	1.1	—	6.2	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	..
Jiwani	—	—	0	—	3.1	4
Pasni	0	—	—	—	—	8
Ormara	—	—	0	- 0.8	3.9	6
Las Bela	—	—	—	—	—	8
Karachi (Manora)	+ 2	- 2	0.6	- 5.4	4.4	8
Karachi (Air port)	—	—	0.9	—	1.0	9
Badin	- 1	x	3.6	- 3.5	3.6	..
Nagarparkar	—	—	—	—	—	..
Umarkot	—	—	4.7	—	4.7	7
Hyderabad	- 3	- 2	0.9	- 5.0	2.8	
Pad-i-dan	—	—	0.1	—	1.4	
Nawabshah	—	—	—	—	—	
Sukkur	—	—	0.1	—	2.9	
Kashmore	—	—	—	—	—	
Jacobabad	- 5	- 3	0	- 2.2	3.5	
Veraval						
Jalalabad						
Muscat	0		0	- 0.1	6.9	
Kuwait						
Srinagar *						
Gulmarg **						
Sonamarg **						
Dras **						
Leh ***						
Skardu *						
Misgar **	—	—	—	—	—	
Alibad *						
Gilgit *						
Murree *	+ 2	+ 1	24.2	- 10.1	57.9	
Drosh *	+ 7	- 1	2.0	—	24.2	
Cherat *	+ 5	+ 1	4.8	- 6.9	25.5	29
Kakul *	—	—	14.2	—	44.8	..
Landi Kotal *	—	—	1.1	—	15.3	..
Parachinar *	—	—	6.7	—	25.8	29
Miranshah *	—	—	3.1	- 1.2	15.4	13
Wana *	—	—	1.4	—	13.5	..
Fort Sandeman *	+ 1	- 9	2.4	- 2.5	12.9	11
Hindubagh *	—	—	0	—	13.3	..
Loralai *	—	—	4.9	—	10.7	..
Harnai *	—	—	2.0	- 5.3	14.3	14
Quetta *	—	—	0	- 1.0	9.5	8
Chaman *	+ 1	0	0	- 0.2	10.2	8
Kalat *	- 2	0	0	- 1.2	8.8	7
Nushki *	—	—	0	—	0.0	
Dalbandin *	- 2	- 6	0	- 0.3	4.4	4
Panjgur *	- 1	- 1	0	—	4.2	5
Kabul *	—	—	—	—	—	
Kandahar *						

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day.

Whenever 990 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 20th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	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 a PP	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
ARABIAN SEA										
Kohomaru	53 121	682 00	5 31 08	97 03 1	100 79	54 5 00	3 4 xxx	..	0 52 72	..
Salome	53 246	581 06	0 29 03	98 02 0	090 88	00 9 00	3 5 130	..	0 08 79	1 29 x0
Penadrecht	53 239	590 12	0 09 04	98 00 0	062 86	00 9 00	3 5 xxx	..	0 52 82	1 11 20
Dumra	53 248	656 18	4 22 13	98 03 0	097 79	45 5 00	6 5 218	..	0 01 73	1 22 xx
Dwarka	53 245	651 18	2 20 06	98 01 0	080 79	24 4 00	2 5 043	..	0 09 77	1 20 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	004 232 232	060 232 232	..	440 185 158	..	124 102 562	392 045 592	852 555 672	..	..	..	..	..
Lahore														
Multan														
Peshawar	00 00	963 232 182	..	..	410 215 158	..	093 105 082	354 032 508	797 600 999	470 220 999	954 838	231 965	416 098	..
Quetta	00 00	829 142 002	..	..	..	..	132 122 608	407 062 999	871 545 999	601 425 999	977 480	270 848	..	..

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	932 222 215	900 188 175	800 182 025	766 168 512	465 592 725	420 588 715	..	..	..	420 588 715	..	..
Lahore													
Multan													
Peshawar	00 00	980 232 182	800 178 122	350 775 999	250 895 999	..	..	..	..	..	250 895 999	..	..
Quetta	00 00	800 172 058	772 205 012	533 000 999	..	..	..	..	..	..	533 000 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd :-Dry Bulb ; Dew Point temperatures (in tenths of °C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff) — columns 2–10; At 0000 hrs. G.M.T. † of date (dd ff) — columns 11–16; At 0600 hrs. G.M.T. † of date (dd ff) — columns 17–27.

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.3	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra	02 02	36 03	32 03	31 03	..	..	..	..	..	03 06	02 06	02 10	01 08	01 03	16 03
Chaklala	..	..	..	..	..	..	..	..	..	..	16 05	16 06	16 08	19 04	28 07
Chhor	22 19	28 17	20 14	18 13	16 17	10 07	03 11	31 08	27 12	25 07	24 17	20 17	17 18	17 15	16 07
Chittagong	28 06	23 02	01 02	10 03	12 05	10 09	13 09	12 43	13 13	05 09	03 09	03 10	07 08	09 09	04 12
Cox's Bazar	30 03	31 04	..	..						03 07	03 06	03 05	05 05		
Dacca	16 02	31 04	32 04	21 02	22 03	13 02	09 05	12 06	13 03	03 07	04 07	05 07	09 04	05 04	10 05
Dalbandin	..	..	16 01	19 03	24 02	35 08	34 07	30 15	29 16	..	..	32 03	36 09	35 14	35 23
D. I. Khan	..	..	..							..		..			
Drosh	..	..	..	23 13	22 09	22 15	15 06	13 03	11 07	..	..		26 02	02 01	25 02
Fort Sandeman	..	..		26 01	27 04	24 07	17 07	13 07	12 08	..			22 07	30 07	33 14
Jacobabad	18 12	13 11	18 10	18 07	22 04	03 06	36 03	31 10	29 16	19 23	18 14	14 10	12 08	36 11	25 12
Jessore															
Jhelum	24 04	21 07	21 07	17 03	30 07	31 06	31 09	03 12	35 08	13 01	16 06	18 07	19 10	27 05	24 11
Jiwani	18 06	19 03	18 01	34 03	36 09	36 18	01 19	33 10	27 11	14 02	16 02		..		
Karachi	23 18	23 15	27 12	27 09	03 15	35 11	34 17	34 17	33 18	26 09	27 07	27 07	01 10	36 15	36 18
Khanpur	25 14	26 12	23 14	21 15	18 08	18 06	07 04	27 08	28 19	25 23	15 27	23 25	21 16	22 13	16 08
Lahore	26 06	24 11	24 11	20 09	23 06	29 13	30 05	32 09	36 12	29 09	28 17	26 21	26 29	28 10	32 08
Multan	20 13	22 20	22 21	22 19	21 16	23 07	08 08	04 06	03 08	19 19	20 20	21 31	23 39	23 57	..
Muscat	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar	..	05 12	08 08	16 11	18 13	28 10	28 15	31 13	33 10	..	27 02	17 03	19 06	22 08	23 07
Quetta	..	..	..	..	30 08	26 09	18 07	01 04	32 08	..	..	..	..	25 07	28 06
Sharjah	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet	30 08	04 08	13 03	16 02	18 02	..	..	..	..	09 11	09 04	05 03	05 05	03 03	09 06
Veraval															

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	01 08	02 07	03 10	03 10	..	..	..	..	..	..	..
Chaklala	..	..	..	..	..	..	..	..	..	..	..
Chhor	..	..	..	..	..	..	..	..	..	..	..
Chittagong	36 06	01 09	03 09	36 02	12 07	09 09	09 07	12 08	14 05	..	..
Cox's Bazar	36 03	36 02	08 03	13 10	11 11	09 12	10 11	13 40	14 08	..	..
Dacca	01 07	05 05	05 07	05 07	07 08	11 09	10 03	12 04	11 02	19 19	36 12
Dalbandin	..	..	05 04	02 10	36 12	34 18	34 19	33 33	26 11	26 41	25 41
D. I. Khan	..	..	..	..	..	..	..	..	..	..	..
Drosh	..	..	..	..	23 06	22 09	23 10	22 07	21 07	19 15	20 04
Fort Sandeman	..	..	..	29 02	32 04	27 03	14 05	32 05	32 07	26 45	25 52
Jacobabad	18 07	17 07	14 06	36 10	36 17	04 08	06 13	32 10	30 15	26 31	29 35
Jessore											
Jhelum	12 05	19 06	21 08	24 07	25 05	29 04	34 08	33 06	26 09	26 19	..
Jiwani	07 03	13 03	04 04	05 11	04 15	04 20	36 18	..			
Karachi	26 09	25 09	25 11	..						..	
Khanpur	24 14	23 16	21 17	21 12	15 08	09 13	05 13	33 07	27 43	..	
Lahore	28 03	26 07	25 13	26 09	27 05	27 09	28 13	32 15	34 10	26 13	25 34
Multan	22 17	22 23	21 27	20 22	19 12	19 06	01 05	04 13	05 12	26 38	26 45
Muscat	..	..	..	..	..	..	..	..	..	..	..
Panjgur	..	..	..	..	..	..	..	..	..	..	..
Peshawar	..	04 03	04 02	08 01	20 07	22 08	33 06	23 03	23 06	27 17	25 52
Quetta	..	..	..	..	32 08	27 07	21 10	21 09	31 10	24 07	26 43
Sharjah	..	..	..	..	..	..	..	..	..	..	..
Sylhet	11 05	36 01	07 05	08 13	08 08	..	..	..	..	..	..
Veraval											

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	..																	
Dacca	..																	
Karachi	24 10	24 06	24 08	04 10	36 15	36 21	35 21	34 12	32 13	26 22	26 22	24 27	26 37	23 41	21 31	22 22	18 16	
Peshawar	—	30 09	32 10	08 15	17 17	24 12	31 02	34 15	35 08	07 07	25 29	26 38	25 49	76 14				
Quetta	..																	

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

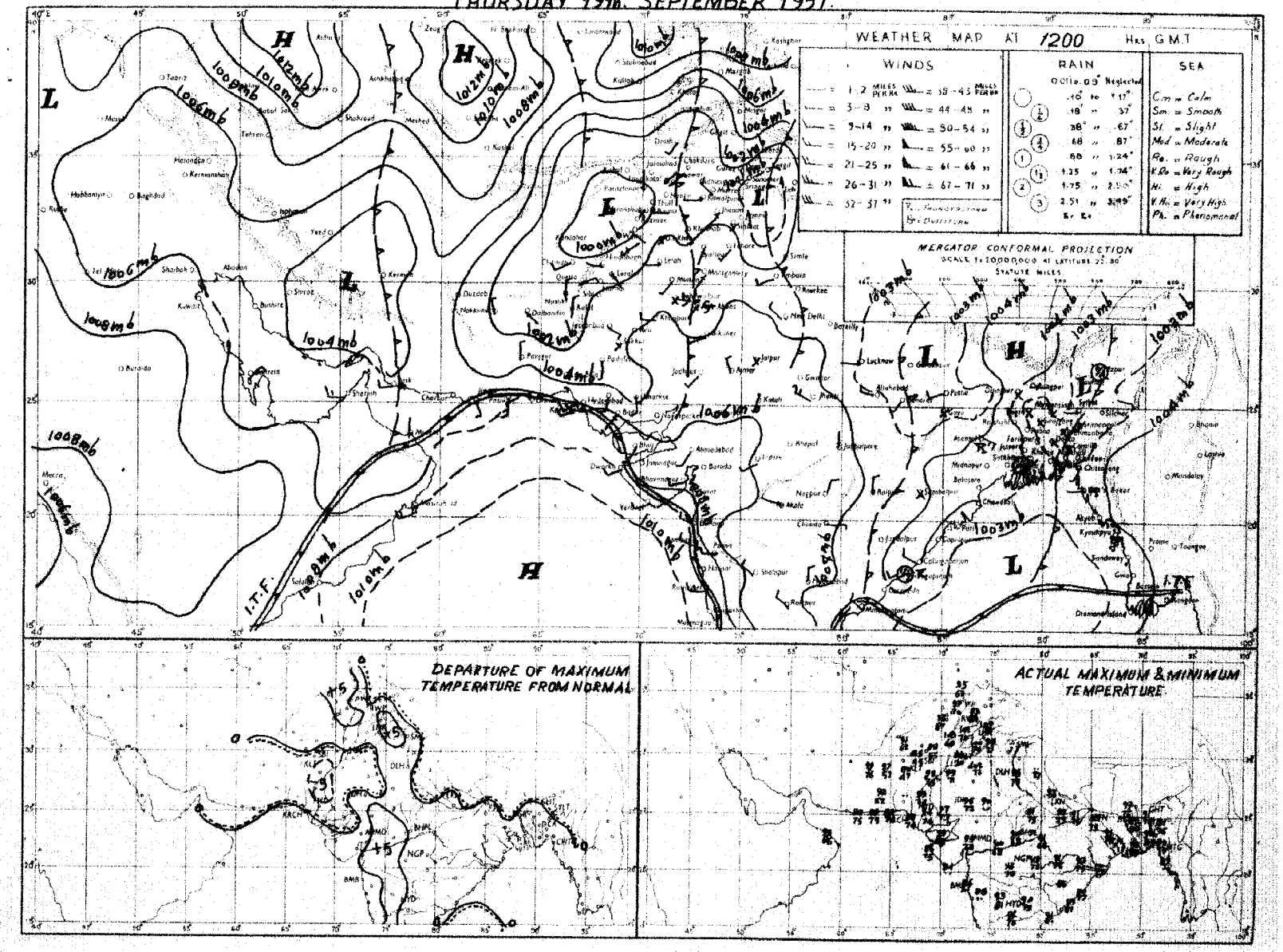
Cloud observation Data (GGiii $Cddv_fv_f$ etc)

06598 3307

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

PAKISTAN DAILY WEATHER MAP

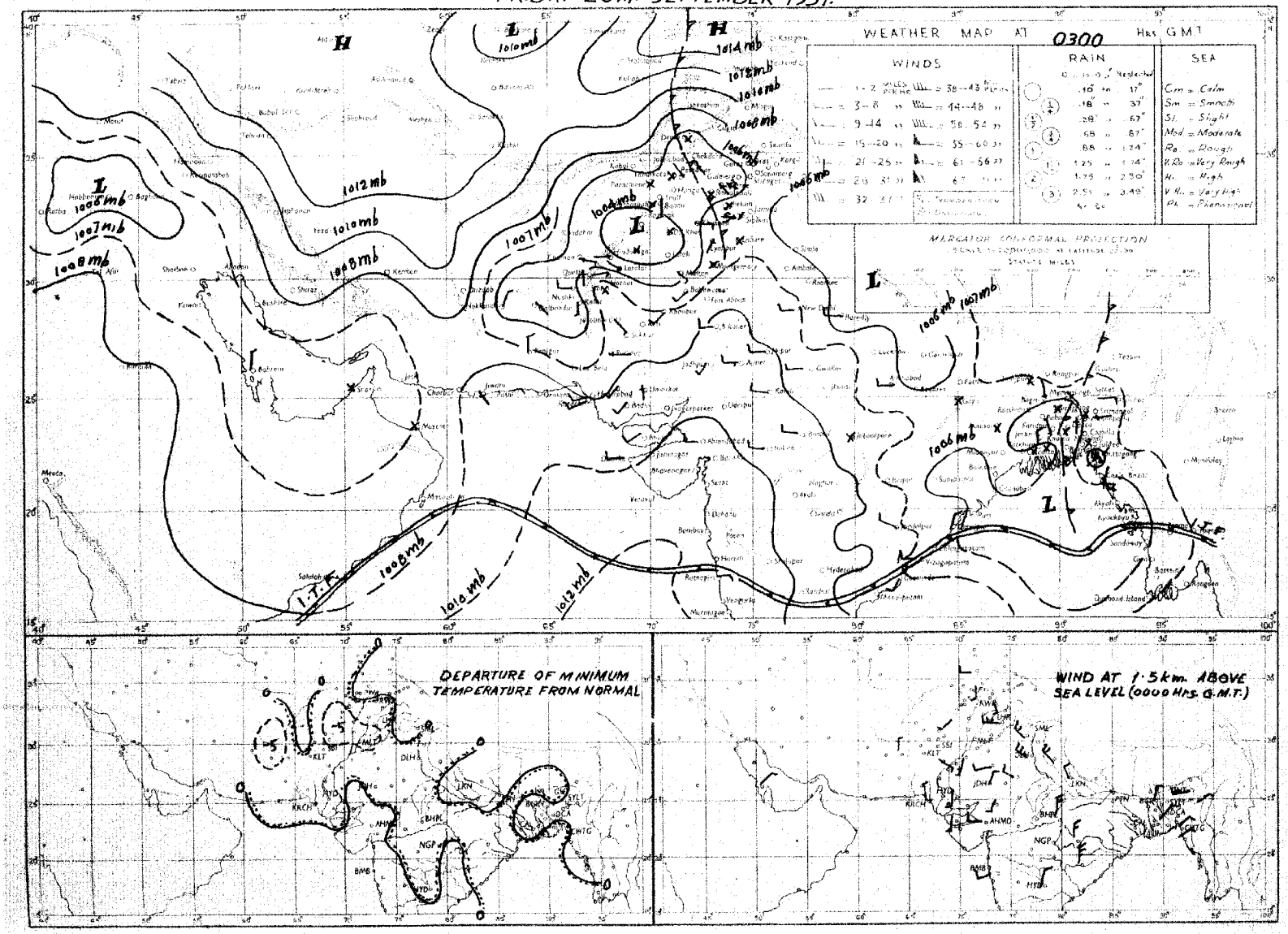
THURSDAY 19th SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 20th: SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1457

SATURDAY, THE 21st SEPTEMBER, 1957

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

A shallow low lies over north Bay of Bengal.
Scattered light thundershowers have been reported from Chittagong and Peshawar divisions.
Day temperatures were 3-5°F above normal in East Pakistan and 2-5°F below normal in Bahawalpur and Khairpur divisions.
Forecast valid until the evening of 22nd:—A few thunderstorms/showers may occur in East Pakistan and in Peshawar division and Kashmir.

Karachi-11.
The 21st September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	4	8	11	02	95	61	9	031	81	8	4	6	x	x	78	91
	Chittagong	000	0	3	xx	xx	96	01	1	xxx	87	1	3	7	2	0	81	92
	Maijdee Court	000	6	2	31	02	99	01	1	0.4	89	0	0	9	0	2	78	91
	Comilla	000	0	0	00	00	97	00	0	029	89	0	0	9	0	0	79	93
	Brahmanbaria	000	0	4	00	00	97	03	0	027	88	2	0	9	2	4	77	93
	Sylhet	000	0	5	00	00	96	03	1	017	85	2	2	6	6	5	79	93
	Srimangal	000	0	8	00	00	97	03	0	024	87	7	8	6	0	8	81	94
Dacca	Mymensingh	000	0	0	00	00	98	00	1	024	90	0	0	9	0	0	79	93
	Narayanganj	000	9	5	27	02	96	03	1	027	91	3	5	7	3	0	77	94
	Dacca (Tezgaon)	000	9	3	27	03	98	02	1	020	87	1	3	6	0	1	79	93
	Faridpur	000	9	2	00	00	96	01	1	032	86	2	4	8	0	0	77	91
	Barisal	000	0	4	00	00	96	03	2	026	90	8	0	9	4	2	80	92
Rajshahi	Khulna	000	0	6	00	00	97	01	2	031	88	6	4	7	0	0	80	92
	Satkhira	000	0	6	00	00	97	29	2	029	87	4	5	7	9	0	86	93
	Jessore	000	0	4	36	02	97	02	1	029	88	2	4	6	6	0	80	93
	Sirajganj	000	0	0	00	00	96	00	0	027	87	0	0	9	0	0	75	92
	Bogra	000	0	0	00	00	96	00	0	035	88	0	0	9	0	0	78	91
	Dinajpur	000	0	0	00	00	96	00	0	036	90	0	0	9	0	0	70	94
	Rangpur	000	0	1	13	02	96	01	0	xxx	88	1	5	6	0	0	78	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	03	96	02	0	047	95	0	0	9	0	0	68	97
	Sialkot	000	0	0	23	02	97	00	0	026	94	0	0	9	0	0	61	97
Rawalpindi	Jhelum	000	0	2	18	02	97	02	1	036	94	1	1	8	3	0	56	98
	Rawalpindi	000	0	3	05	02	99	02	2	036	90	3	2	7	0	0	54	96
	Khushab	000	0	0	18	05	95	05	0	032	94	0	0	9	0	0	62	99
Multan	Lyallpur	000	0	0	16	00	96	00	0	038	95	0	0	9	0	0	59	98
	Montgomery	000	0	0	23	02	97	00	0	041	91	0	0	9	0	0	52	98
	Multan	000	0	0	13	05	96	00	0	043	93	0	0	9	0	0	65	98
Bahawalpur	Leiah	000	0	0	18	06	95	06	0	xxx	99	0	0	9	0	0	00	xx
	Khanpur	000	0	0	25	03	96	00	0	042	96	0	0	9	0	0	81	98
	Bahawalpur	000	0	0	00	00	97	00	3	041	95	0	0	9	0	0	70	97
	Fort Abbas	000	0	0	23	02	97	00	0	045	98	0	0	9	0	0	74	01
Peshawar	Chakdara	000	0	1	00	00	98	03	1	001	90	1	4	7	0	0	58	93
	Peshawar	000	0	1	05	05	96	05	0	011	92	0	0	9	0	1	63	94
	Haripur	000	6	3	05	02	97	01	0	956	95	3	3	6	0	0	74	98
	Campbellpur	000	0	0	00	00	98	00	0	013	97	0	0	9	0	0	63	97
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	006	97	0	0	9	0	0	67	98
	D.I. Khan	000	0	0	00	00	98	00	0	032	97	0	0	9	0	0	48	99
Quetta	Sibi	000	0	0	23	01	98	00	0	032	99	0	0	9	0	0	77	00
Kalat	Nokkundi	000	0	0	34	05	99	02	0	027	96	0	0	9	0	0	38	00
	Turbat	000	0	0	23	01	97	00	0	071	92	0	0	9	0	0	85	01
	Jiwani	000	0	0	13	09	97	00	0	058	84	0	0	9	0	0	74	86
	Pasni	000	0	0	11	09	96	00	0	072	83	0	0	9	0	0	73	86
	Ormara	000	0	0	xx	xx	98	00	0	073	86	0	0	9	0	0	79	87
	Las Bela	000	0	0	13	07	97	00	7	059	93	0	0	9	0	0	82	99
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	98	02	0	058	83	2	5	4	0	0	73	85
	Karachi (Air port)	000	0	1	23	09	97	01	3	064	85	1	6	4	6	0	69	88
	Badin	000	0	0	23	02	97	00	0	76	91	0	0	9	0	0	67	95
	Nagarparker	xxx	x	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	23	03	97	00	0	953	96	0	0	9	0	0	70	98
	Hyderabad	000	0	2	23	05	97	01	2	051	93	2	1	6	0	0	66	95
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	047	96	0	0	9	0	0	59	98
	Nawabshah																	
	Sukkur	000	0	0	00	00	96	00	0	041	94	0	0	9	0	0	63	96
	Kashmore	000	0	0	23	02	99	00	0	054	99	0	0	9	0	0	79	01
	Jacobabad	000	0	0	13	03	97	02	0	048	95	0	0	9	0	0	62	97
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	052	89	0	0	9	0	0	82	94
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Mirzan **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	7	09	14	97	02	1	496	06	5	3	4	8	0	50	73
Peshawar	Drosh *	000	5	7	27	05	96	03	2	464	81	4	5	6	2	0	45	90
	Cherat *	000	0	0	18	05	96	00	0	470	80	0	0	9	0	0	41	87
	Kakul *	000	0	7	05	23	97	95	9	479	76	7	9	6	0	0	52	86
	Landi Kotal *	000	0	1	02	02	97	03	0	463	86	1	3	9	5	0	51	69
	Parachinar *	000	0	0	36	02	99	00	0	793	58	0	0	9	0	0	46	xx
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	503	90	0	0	9	0	0	70	92
	Wana *	000	0	0	11	02	98	00	0	448	84	0	0	9	0	0	42	89
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	458	91	0	0	9	0	0	32	91
	Hindubagh *	000	0	0	27	05	98	00	0	457	83	0	0	9	0	0	37	85
	Loralai *	000	0	2	13	05	98	02	1	451	84	0	0	9	3	0	42	86
	Harnai *	000	0	0	19	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	25	03	98	00	0	459	82	0	1	9	0	0	41	90
Kalat	Chaman *	000	0	0	23	02	98	00	0	472	88	0	0	9	0	0	78	98
	Kalat *	000	0	0	36	03	98	00	0	475	76	0	0	9	0	0	30	81
	Nushki *	000	0	0	27	09	96	00	0	517	95	0	0	9	0	0	33	96
	Dalbandin *	000	0	0	31	09	96	01	0	480	95	1	1	7	0	0	34	99
	Panjgur *	000	0	0	36	05	98	00	0	479	92	0	0	9	0	0	50	94
Afghanistan	Kabul *	000	0	5	18	02	98	03	0	493	72	5	3	7	0	0	18	84
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1957 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	006	9	6	13	02	96	03	6	059	87	6	9	6	1	0	75	78	+ 4	- 2	111.1	+ 5.7	122.0	140
	Chittagong	000	0	2	11	05	97	01	1	055	86	1	1	7	1	0	80	79	+ 5	+ 3	66.7	- 7.4	74.1	108
	Maijdee Court	000	9	6	36	02	99	01	1	044	87	0	0	9	0	0	79	82	+ 4	+ 4	59.6	- 20.7	69.5	115
	Comilla	000	0	0	00	00	98	01	0	052	87	2	4	7	0	0	79	79	+ 5	+ 2	44.1	- 16.3	55.9	94
	Brahmanbaria	000	(	6	00	00	97	03	2	0 8	87	2	0	9	2	4	80	81	—	—	40.1	- 5.5	55.8	78
	Sylhet	000	0	7	00	00	96	02	2	050	83	1	2	6	6	7	77	76	—	—	68.4	—	118.9	..
	Srimangal	000	0	2	09	02	97	01	0	053	88	0	0	7	0	1	78	76	- 4	+ 1	6.1	- 50.0	87.6	98
Dacca	Mymensingh	000	0	8	13	02	98	02	1	058	84	8	4	4	x	x	81	80	+ 5	+ 3	20.8	- 39.3	61.5	91
	Narayanganj	000	9	7	31	02	96	03	2	049	90	8	4	6	0	1	79	82	+ 6	+ 3	40.3	- 2.3	62.4	74
	Dacca (Tezgaon)	000	9	7	36	02	98	02	2	045	88	2	8	6	2	2	80	80	—	—	43.9	—	58.9	..
	Faridpur	000	9	7	34	02	96	03	0	049	87	1	5	7	1	0	80	81	- 1	+ 3	37.8	- 6.8	49.9	71
	Barisal	000	0	8	27	01	96	02	2	051	87	5	6	9	4	2	81	81	+ 4	+ 3	39.1	- 14.5	56.1	88
Rajshahi	Khulna	000	0	8	00	00	97	03	2	055	86	8	5	7	x	x	85	81	+ 4	+ 4	36.9	- 9.4	44.9	68
	Satkhira	000	0	6	00	00	99	03	1	055	83	4	5	9	9	0	83	79	+ 4	+ 2	38.9	- 4.6	55.9	65
	Jessore	000	0	6	30	13	97	03	1	058	87	4	4	6	6	0	80	79	—	—	36.7	- 4.7	40.1	65
	Sirajganj	000	0	8	06	00	96	02	2	050	85	8	0	8	4	x	81	80	+ 5	+ 2	54.4	+ 11.9	64.0	64
	Bogra	000	0	0	36	02	96	00	0	053	85	0	0	9	0	0	79	80	+ 3	+ 3	54.8	+ 7.8	62.3	69
	Dinajpur	000	0	0	00	00	96	00	0	065	86	0	0	9	0	0	79	74	+ 6	- 3	41.2	- 11.6	44.4	72
	Rangpur	000	0	2	13	02	96	01	0	xxx	87	1	5	6	1	0	79	78	+ 5	—	44.5	- 13.5	53.3	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	083	81	0	0	9	0	0	70	69	- 1	+ 1	16.7	+ 3.5	25.4	[illegible]
	Sialkot	000	0	0	00	00	97	00	0	079	80	0	0	9	0	0	66	73	+ 2	- 1	21.9	- 1.1	45.1	[illegible]
Rawalpindi	Jhelum	000	0	0	00	00	96	05	0	069	77	0	0	9	0	0	63	69	—	—	16.7	—	27.3	
	Rawalpindi	000	0	0	00	00	99	00	0	086	78	0	0	9	0	0	57	69	+ 2	+ 2	14.4	- 8.6	30.3	38
	Khushab	000	0	0	11	02	98	00	0	088	85	0	0	9	0	0	63	68	0	- 6	8.2	- 1.7	17.0	15
Multan	Lyallpur	000	0	0	02	02	96	00	0	088	77	0	0	9	0	0	63	70	0	- 2	10.1	+ 1.1	16.2	12
	Montgomery	000	0	0	13	02	97	00	0	064	78	0	0	9	0	0	64	69	- 2	- 5	6.4	- 4.4	10.2	10
	Multan	000	0	0	13	02	96	00	0	063	76	0	0	9	0	0	75	70	- 1	- 5	0.7	- 4.1	4.1	7
Bahawalpur	Leiah																		—					8
	Khanpur	000	0	0	22	02	96	00	0	069	81	0	0	9	0	0	77	73	- 3	- 1	0.2	- 4.5	1.2	5
	Bahawalpur	000	0	0	00	00	97	00	0	084	83	0	0	9	0	0	69	73	- 3	+ 1	1.3	- 2.9	2.5	4
	Fort Abbas	000	0	0	23	03	97	00	0	086	89	0	0	9	0	0	75	73	—	—	—	—	—	
Peshawar	Chakdara	000	0	3	xx	xx	97	02	0	079	72	3	0	8	8	0	53	54	—	—	3.7	—	17.5	[illegible]
	Peshawar	000	0	0	00	00	97	01	0	071	78	0	0	9	0	0	59	77	- 1	+ 3	1.9	- 2.3	13.0	[illegible]
	Haripur	000	2	1	23	02	98	01	8	076	79	4	1	6	x	x	52	73	—	—	7.9	—	11.9	[illegible]
	Campbellpur	000	0	0	09	02	98	00	0	087	77	0	0	9	0	0	58	69	—	—	5.7	—	21.1	[illegible]
D.I. Khan	Bannu	000	0	0	34	02	99	00	0	080	80	0	0	9	0	0	66	71	—	—	2.4	—	9.5	11
	D.I. Khan	000	0	0	05	02	98	00	0	056	75	0	0	9	0	0	62	69	- 1	- 4	2.3	- 3.1	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	081	77	0	0	9	0	0	64	77	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	02	02	99	02	0	089	77	0	0	9	0	0	39	75	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	98	00	0	100	72	0	0	9	0	0	xx	xx	—	—	2.5	—	5.9	..
	Jiwani	000	8	7	13	05	96	03	2	097	81	7	5	5	0	0	72	78	—	—	0	—	3.1	4
	Pasni	000	0	6	05	03	95	41	0	116	79	6	5	7	0	0	74	76	- 3	+ 4	—	—	—	6
	Ormara	000	0	0	00	00	98	00	0	115	79	0	0	9	0	0	77	75	—	—	0	- 0.8	3.8	5
	Las Bela	000	0	0	09	02	98	00	0	118	82	0	0	9	0	0	75	72	—	—	14.9	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	27	07	97	02	0	092	80	0	0	9	0	0	74	78	0	+ 2	0.6	- 5.4	1.1	8
	Karachi (Air port)	000	0	0	00	00	96	02	0	096	77	0	0	9	0	0	72	73	—	—	0.9	—	1.0	9
	Badin	000	0	0	23	02	96	00	0	101	79	0	0	9	0	0	73	xx	0	x	3.6	- 3.5	3.6	
	Nagarparker	xxx	x	0	20	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	x	x	—	—	—	
	Umarkot	000	0	0	23	01	97	00	0	095	76	0	7	9	0	0	72	74	—	—	4.7	—	4.7	
	Hyderabad	000	0	0	20	03	97	02	0	090	78	0	0	9	0	0	71	75	- 2	0	0.9	- 5.0	2.8	7
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	087	75	0	0	9	0	0	69	70	—	—	0.1	—	1.4	
	Nawabshah																							
	Sukkur	000	0	0	00	00	96	00	0	088	84	0	0	9	0	0	70	75	—	—	0.1	—	2.9	4
	Kashmore	000	0	0	23	01	99	00	0	095	77	0	0	9	0	0	66	68	—	—	—	—	—	
	Jacobabad																		- 6					
Junagarh	Veraval																							
Afghanistan	Jalalabad																							
Arabia	Muscat	000	0	3	05	02	99	03	1	065	86	0	0	8	0	3	81	85	+ 1	+ 2	0	- 0.1	6.9	
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							
	Gulmarg **																							
	Sonamarg **																							
	Dras **																							
	Leh **																							
	Skardu *																							
	Mirzan **																							
	Aliabad *																							
	Gilgit *																							
Rawalpindi	Murree *	000	9	5	00	00	97	02	1	503	65	2	5	5	5	0	45	65	+ 4	+ 11	24.2	- 10.2	57.9	[illegible]
Peshawar	Drosh *	003	9	0	00	00	97	02	9	515	63	0	0	9	0	0	48	60	+ 2	—	2.0	—	24.2	[illegible]
	Cherat *	000	0	0	00	00	96	00	0	496	70	0	0	9	0	0	49	60	+ 3	+ 1	4.8	+ 6.9	25.5	[illegible]
	Kakul *	000	9	1	31	02	97	01	1	502	69	1	2	7	0	0	51	62	—	—	14.2	—	41.8	
	Landi Kotal *	000	0	0	00	00	97	00	0	464	78	0	0	9	0	0	51	73	—	—	1.1	—	15.3	[illegible]
	Parachinar *	000	0	0	00	00	99	00	0	796	69	0	0	9	0	0	77	xx	—	—	6.7	—	25.8	[illegible]
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	518	73	0	0	9	0	0	55	66	—	—	3.1	+ 1.3	15.4	
	Wana *	000	0	0	00	00	98	00	0	476	65	0	0	9	0	0	41	59	—	—	—	—	—	
Quetta	Fort Sandeman *	000	0	0	00	00	96	00	0	517	71	0	0	9	0	0	45	80	0	- 3	2.4	- 2.5	12.9	11
	Hindubagh *	000	0	0	27	03	97	00	0	504	62	0	0	9	0	0	33	55	—	—	0	—	12.3	
	Loralai *	000	0	0	31	02	98	00	0	481	61	0	0	9	0	0	29	54	—	—	1.9	—	10.7	
	Harnai *	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	2.0	- 5.3	14.3	14
	Quetta *	000	0	0	18	02	95	00	0	514	59	0	0	9	0	0	42	49	—	—	0	- 1.0	9.5	9
Kalat	Chaman *	000	0	0	00	00	97	00	0	502	74	0	0	9	0	0	63	63	0	+ 2	0	- 0.2	10.2	8
	Kalat *	000	0	0	16	05	99	00	0	570	60	0	0	9	0	0	30	60	- 2	+ 2	0	- 1.2	8.4	7
	Nushki *	000	0	0	02	03	97	00	0	536	73	0	0	9	0	0	34	65	—	—	0	—	8.0	
	Dalbandin *	000	0	0	00	00	96	00	0	498	64	0	0	9	0	0	32	61	0	+ 3	0	- 0.3	4.4	4
	Panjgur *	000	0	0	05	02	98	00	0	487	66	0	0	9	0	0	40	62	0	- 1	0	—	4.2	5
Afghanistan	Kabul *	000	0	0	32	02	99	00	0	560	60	0	0	9	0	0	47	51	—	—	—	—	—	[illegible]
	Kandahar *																							

†Given in Code
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted
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 day
Whenever 999 is given, or RRR see the Summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE [illegible] SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	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 a PP	8 N_s C h_s h_s	O T_sT_s T_dT_d	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Curycleia	63 192	657 06	3 28 13	98 01 1	102 82	00 9 30	7 5 400	..		
Birrat	63 248	609 06	3 00 00	98 02 0	111 82	22 5 01	2 5 211	..	0 50 79	1 19 21
Dumra	63 252	529 06	8 19 05	97 03 1	999 81	85 7 xx	6 5 105	..	0 00 75	1 19 23
Sirrah	63 246	625 12	1 12 04	98 03 0	000 82	10 6 40	2 5 615	..	0 52 25	1 47 31
[illegible]	62 246	640 18	5 12 04	98 02 0	114 81	52 5 00	2 5 120	..	0 51 73	1 18 31

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	..													
Chittagong	..													
Dacca	..													
Jiwani	..													
Karachi	00 00	006 238 235	074 238 238	..	500 200 170	..	152 152 048	442 095 515	931 015 622	705 552 758	990 625	288 808	488 930	749 060
Lahore	..													
Multan	..													
Peshawar	00 00	966 228 175	..	..	410 198 132	..	093 082 035	338 522 999	845 622 999	402 755 999	944 858	119 992	404 080	
Quetta	00 00	831 145 065	..	..	..	..	153 122 525	415 008 999	862 xxx 999	567 662 999	967 182	244 982	..	

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	..												
Chittagong	..												
Dacca	..												
Jiwani	..												
Karachi	00 00	900 222 208	800 192 148	350 598 798	272 678 868	250 765 999	065 115 999	..	..	..	065 115 999	..	..
Lahore	..												
Multan	..												
Peshawar	00 00	900 218 155	800 148 105	350 798 999	250 912 999	145 108 995	..	..	..	..	144 108 999	..	..
Quetta	00 00	800 175 052	730 135 515	640 032 972	624 032 885	557 000 999	..	..	..	..	557 000 999	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of 9C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra	02 03	02 03	03 03	05 03	10 04	14 02	34 01	03 01	26 02	36 12	36 10	02 09	06 07	04 06	05 08
Chaklala															
Chhor	23 10	23 10	20 05	17 11	17 10	12 10	36 09	29 10	27 17	26 16	22 12	18 13	17 15	15 06	24 05
Chittagong	28 06	23 02	29 02	24 03	23 03	08 03	10 08	09 06	11 07	03 05	36 09	36 13	36 11	36 13	06 06
Cox's Bazar	01 02	36 03	34 03	17 07	12 05					26 03	34 07	03 05	..		..
Dacca	36 05	36 06	01 06	05 06	07 04	06 05	06 06	03 04	19 05	36 06	36 07	36 08	36 12	04 09	06 09
Dalbandin	..	..	33 08	32 14	32 13	31 17	28 12	26 09	26 40	..		33 07	34 19	33 20	..
D. I. Khan	..	..	..							..			..		
Drosh	..	..	..	24 08	20 07	19 10	20 15	22 16		..	..			15 02	10 03
Fort Sandeman	..	..		21 02	20 06	20 04	20 05	28 06	25 13	..			05 02	36 11	33 13
Jacobabad	17 09	18 09	16 05	16 04	02 08	01 08	08 11	32 13	23 18	20 20	18 10	18 07	20 05	18 02	36 07
Jessore															
Jhelum	19 01	21 07	20 08	23 05	27 05	28 05	32 10	32 09	31 08	03 04	26 07	26 11	25 11	29 08	34 07
Jiwani	19 05	15 04	02 04	01 05	05 12	02 23	01 25	36 11	31 11	12 09	12 07	..	..	..	..
Karachi	23 17	03 11	03 08	02 14	35 15	36 17	35 17	31 23	24 27	28 09	28 10	20 05	02 07	02 19	03 27
Khanpur	24 11	22 12	21 12	19 10	16 07	07 12	06 14	02 11	29 09	26 25	26 23	24 23	20 13	22 13	06 09
Lahore	26 07	28 09	23 09	24 08	26 07	31 11	35 13	28 06	30 08	32 08	29 09	28 09	27 17	26 16	33 08
Multan	20 15	21 21	21 22	19 21	20 15	32 04	01 11	01 08	..	22 37	22 30	22 38	22 23	19 07	01 14
Muscat	..	..		..	..	..	..	..		..		..	..	..	..
Panjgur	..														
Peshawar	..	05 09	05 10	12 08	17 15	20 08	29 15	26 19	27 17	..	30 04	04 04	01 08	05 08	07 12
Quetta	..	..		..	27 11	27 08	25 05	27 11	27 15		..		..	17 05	28 10
Sharjah	..														
Sylhet	01 03	09 09	10 05	07 07	06 03	35 01	18 04	15 07	21 09	09 11	07 07	06 09	05 11	06 07	07 07
Veraval	..														

Height in Kms a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	01 08	02 08	05 07	..	..	..	..	..	..	..	..
Chaklala		..		..		..	..	..	..	..	..
Chhor					..	..	..	..	..	..	..
Chittagong	14 04	17 03	19 02	19 01		..	..		..	..	..
Cox's Bazar	19 12	16 12	14 16	09 15	12 17		..	..	..	..	
Dacca	09 02	10 04	10 06	08 13	07 07	09 12					
Dalbandin	..	..	07 01	33 03	34 09	33 03	34 09	32 20	32 23	32 08	29 05
D. I. Khan											
Drosh	..	..	..		20 05	21 11	21 11	25 09	30 06	27 08	24 12
Fort Sandeman				05 01	02 04	24 02	21 12	27 09	30 12	27 19	27 39
Jacobabad	18 08	17 10	16 08	16 04	16 04	36 06	36 05	10 08	07 10	24 10	29 15
Jessore											
Jhelum	22 02	24 07	25 07	26 04	28 05	31 05	32 12	27 10	29 14	26 29	26 39
Jiwani	11 09	11 09	11 08	..	..	..	..	..			
Karachi	27 06	24 08		..		..	..	..			
Khanpur	24 13	23 19	22 18	22 11	22 06	06 03	07 10	33 09	17 15	26 28	28 80
Lahore	28 05	28 07	28 08	27 08	30 07	10 09	36 15	01 10	30 12	25 45	25 49
Multan	21 13	22 17	22 17	22 12	21 10	31 04	35 05	35 06	30 10	27 23	28 41
Muscat	..	..	..	..	..	..	..	..		..	..
Panjgur	..										
Peshawar	..	08 04	10 02	02 03	11 04	13 06	27 15	28 15	19 21	31 39	29 87
Quetta	..				25 03	26 04	26 03	26 05	29 09	29 11	27 40
Sharjah								..	..	..	..
Sylhet	10 06	08 09	08 10	09 17	09 15	09 10	05 11	..			
Veraval		..		..				..	..		

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.4	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	..																	
Dacca	..																	
Karachi	29 12	29 06	19 06	07 03	25 14	36 03	07 08	23 03	23 05	21 06	21 17	20 19	15 10	03 19	04 10	36 10	17 25	20 12
Peshawar	—	04 06	04 06	07 08	28 05	25 08	28 12	28 20	29 13	27 31	25 34							
Quetta	..																	

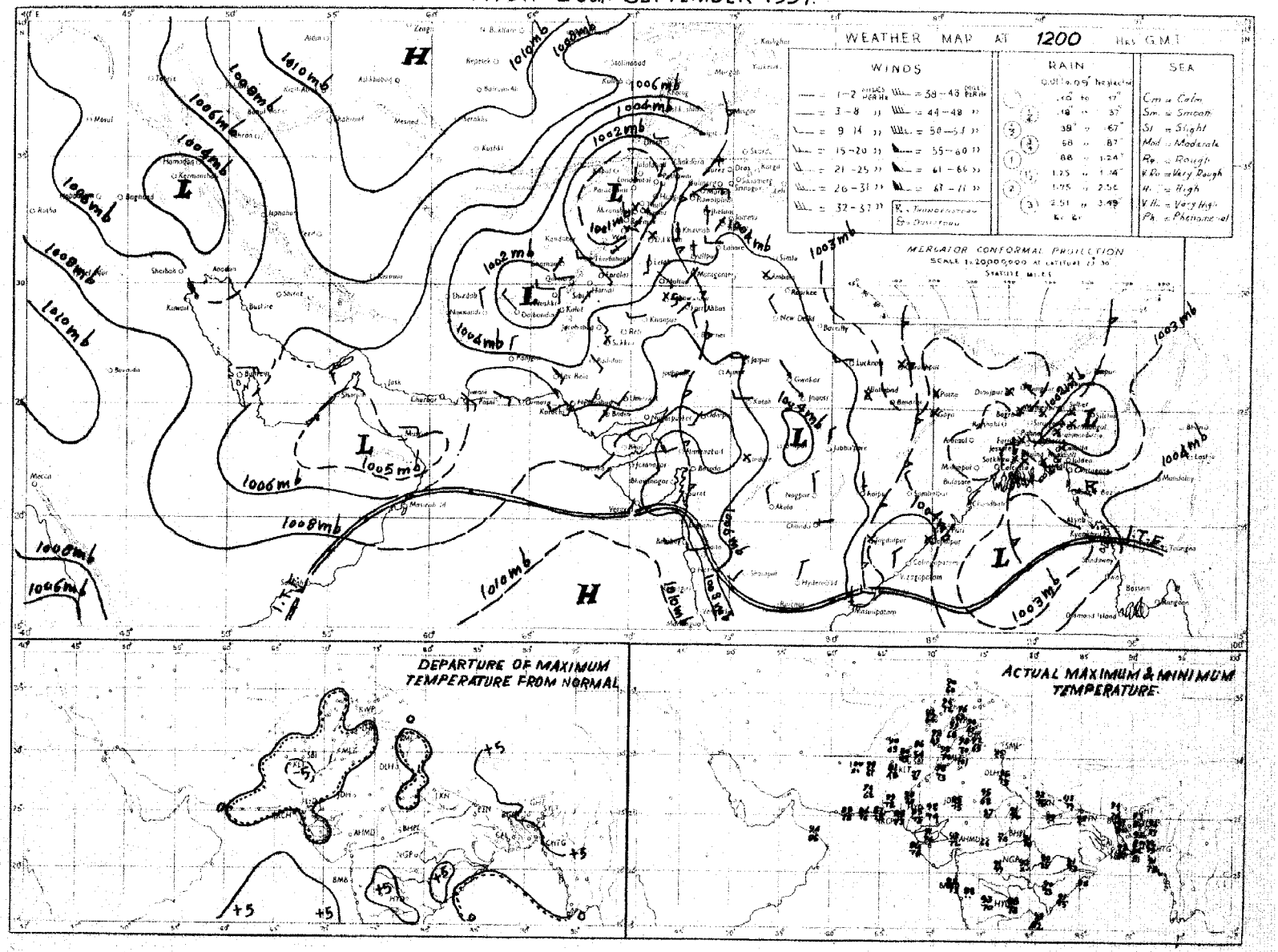
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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

PAKISTAN DAILY WEATHER MAP

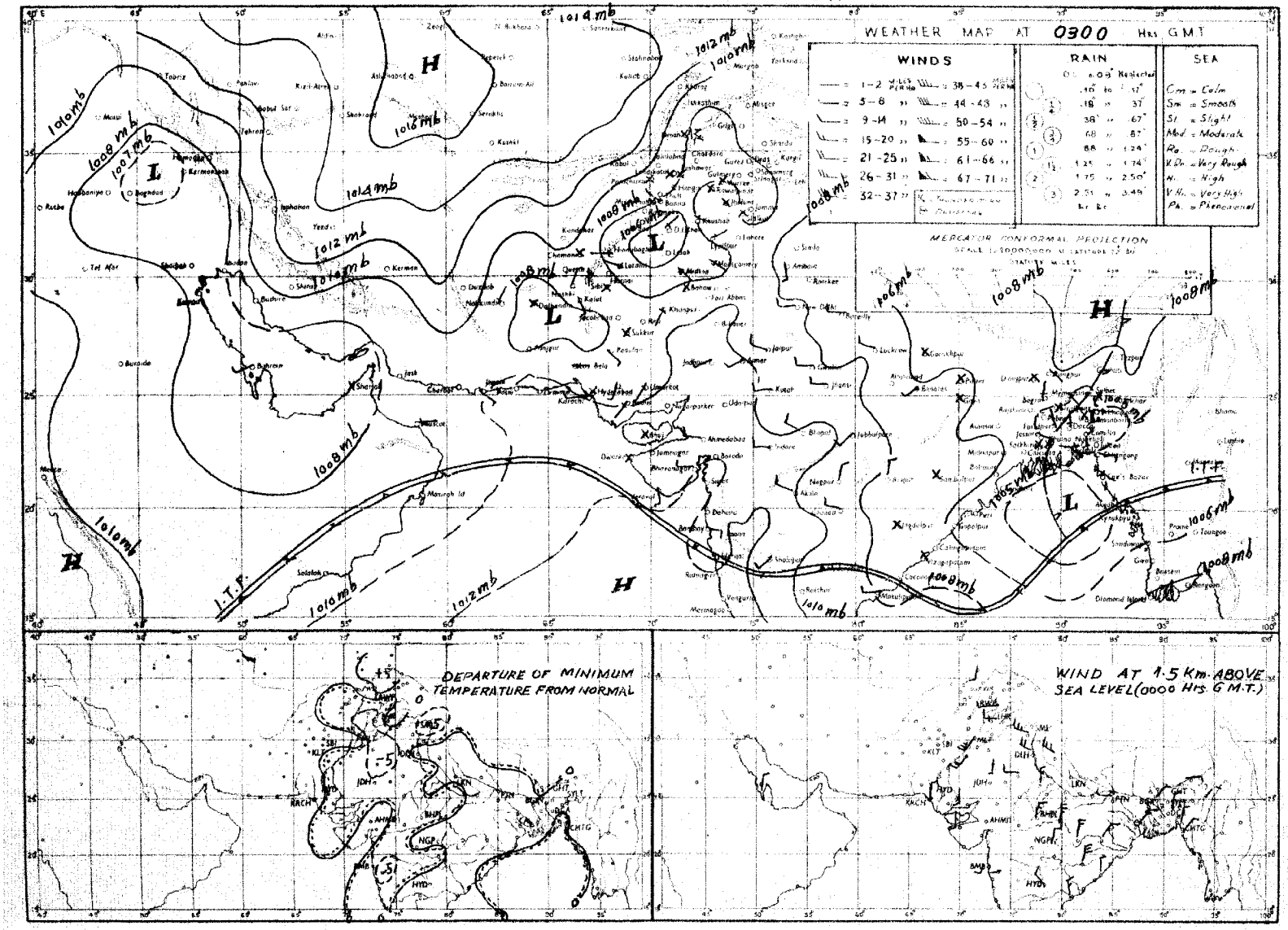
FRIDAY 20th: SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 21st: SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

SUNDAY, THE 22nd SEPTEMBER, 1957.

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

Yesterday's low over north and adjoining Central Bay of Bengal persists and is more marked. It is likely to concentrate into a depression.

Rain/thundershowers have been fairly widespread in Chittagong and Dacca divisions.

A trough of low pressure lies off Konkan coast.

A shallow low is moving eastwards across Afghanistan.

Weather remained dry over West Pakistan.

Chief amounts of rainfall are:—Maijdee Court, Comilla and Faridpur 1" each; Narayanganj and Barisal ¾"; Cox's Bazar ½" and Mymensingh, Dacca and Satkhira ¼" each.

Day temperatures were 4-6°F above normal in East Pakistan and 3-4°F below normal in Bahawalpur and Khairpur divisions.

Forecast valid until the evening of 23rd:—Fairly widespread rain/thundershowers will occur in East Pakistan. Scattered thunderstorms/showers are also expected in Peshawar division and Kashmir.

Karachi-11,
The 22nd September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	064	4	7	11	02	95	21	9	034	79	7	9	6	0	0	78	90
Chittagong	Chittagong	005	5	7	11	02	96	60	9	028	79	5	3	5	2	0	78	91
Chittagong	Maijdee Court	000	4	8	23	02	98	20	9	017	85	2	5	5	2	0	79	92
Chittagong	Comilla	080	3	8	00	00	97	97	9	045	87	8	3	4	x	x	77	94
Chittagong	Brahmanbaria	000	0	6	00	00	97	03	2	016	88	4	0	9	4	4	81	93
Chittagong	Sylhet	000	0	5	00	00	97	01	9	012	88	1	2	6	7	4	82	93
Chittagong	Srimangal	000	0	2	00	00	97	13	0	015	86	2	7	6	0	0	81	90
Dacca	Mymensingh	000	0	6	00	00	98	02	1	022	90	0	0	9	0	8	79	92
Dacca	Narayanganj	000	9	8	25	02	95	03	2	021	91	8	4	5	x	x	81	94
Dacca	Dacca (Tezgaon)	000	9	8	05	03	97	61	2	017	85	7	9	5	0	2	79	95
Dacca	Faridpur	000	8	8	00	00	96	07	2	020	90	8	6	4	x	x	81	93
Dacca	Barisal	000	0	8	13	02	95	03	2	019	85	6	7	7	4	x	79	92
Rajshahi	Khulna	000	0	8	00	00	97	01	2	020	88	8	5	7	x	x	80	94
Rajshahi	Satkhira	000	0	6	00	00	96	03	2	019	89	4	5	6	9	0	88	95
Rajshahi	Jessore	000	0	4	36	02	97	02	1	019	91	2	8	6	6	0	83	94
Rajshahi	Siraiganj	000	0	4	00	00	96	02	0	008	88	0	0	9	0	1	81	93
Rajshahi	Bogra	000	0	0	00	00	96	00	0	014	90	0	0	9	0	0	80	92
Rajshahi	Dinajpur	000	0	0	00	00	96	00	0	035	90	0	0	9	0	0	82	94
Rajshahi	Rangpur	000	0	3	13	02	96	01	1	xxx	89	2	4	6	2	0	82	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	03	96	02	0	052	94	0	0	9	0	0	61	97
Lahore	Sialkot	000	0	0	23	02	97	00	0	037	95	0	0	9	0	0	62	97
Rawalpindi	Jhelum	000	0	0	31	03	97	02	0	038	95	0	0	9	0	0	58	98
Rawalpindi	Rawalpindi	000	0	0	00	00	99	00	0	036	92	0	0	9	0	0	65	96
Rawalpindi	Khushab	000	0	0	20	03	98	00	0	043	98	0	0	9	0	0	62	01
Multan	Lyallpur	000	0	0	18	02	96	00	0	046	95	0	0	9	0	0	54	98
Multan	Montgomery	000	0	0	23	02	97	00	0	048	96	0	0	9	0	0	61	98
Multan	Multan	000	0	0	13	03	96	00	0	049	97	0	0	9	0	0	65	99
Bahawalpur	Leiah	000	0	0	00	00	97	00	0	xxx	99	0	0	9	0	0	xx	00
Bahawalpur	Khanpur	000	0	0	27	04	96	00	0	062	96	0	0	9	0	0	82	97
Bahawalpur	Bahawalpur																	
Bahawalpur	Fort Abbas	000	0	0	23	02	97	00	0	050	99	0	0	9	0	0	52	02
Peshawar	Chakdara	000	0	1	xx	xx	98	03	1	002	90	1	2	7	0	0	59	94
Peshawar	Peshawar	000	0	2	02	05	96	05	0	032	92	1	1	7	3	0	60	94
Peshawar	Haripur	000	3	1	23	02	97	01	0	023	95	1	1	6	0	0	59	97
Peshawar	Campbellpur	000	0	0	00	00	98	00	0	015	97	0	0	9	0	0	61	97
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	006	94	0	0	9	0	0	62	96
D.I. Khan	D.I. Khan	000	0	0	00	00	98	00	0	037	99	0	0	9	0	0	67	00
Quetta	Sibi	000	0	0	00	00	98	00	0	043	01	0	0	9	0	0	76	02
Quetta	Nokkundi	000	0	0	34	05	99	02	0	042	96	0	0	9	0	0	42	99
Kalat	Turbat	000	0	0	23	02	97	00	0	011	91	0	0	9	0	0	84	00
Kalat	Jiwani	000	0	0	16	07	97	00	1	077	83	0	0	9	0	0	73	87
Kalat	Pasni	000	0	0	23	12	97	00	0	089	85	0	0	9	0	0	72	xx
Kalat	Ormara	000	0	0	xx	xx	98	00	0	085	87	0	0	9	0	0	81	xx
Kalat	Las Bela	000	0	0	13	06	96	00	0	058	92	0	0	9	0	0	62	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	98	01	0	072	83	2	6	4	0	0	73	86
Karachi Federal Area & Hyderabad	Karachi (Air port)	000	0	3	20	10	97	01	1	079	84	3	4	5	6	0	71	88
Karachi Federal Area & Hyderabad	Badin	000	0	0	23	02	97	00	0	083	93	0	0	9	0	0	69	95
Karachi Federal Area & Hyderabad	Nagarparker	xxx	x	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Karachi Federal Area & Hyderabad	Umarkot	000	0	0	00	00	97	00	0	060	94	0	0	9	0	0	71	99
Karachi Federal Area & Hyderabad	Hyderabad	000	0	1	18	05	97	01	1	071	92	0	0	9	0	3	75	95
Khairpur	Pad-i-dan	000	0	0	18	05	98	02	0	060	97	0	0	9	0	0	57	98
Khairpur	Nawabshah	000	0	0	18	05	97	02	0	069	95	0	0	9	0	0	62	97
Khairpur	Sukkur	000	0	0	00	00	96	00	0	045	95	0	0	9	0	0	68	97
Khairpur	Kashmore	000	0	0	23	03	99	00	0	060	91	0	0	9	0	0	75	98
Khairpur	Jacobabad	000	0	0	13	07	97	02	0	056	95	0	0	9	0	0	69	99
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	5	09	05	99	03	1	044	85	0	0	9	2	0	81	88
Arabia	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
Kashmir	Gulmarg **																	
Kashmir	Sonamarg **																	
Kashmir	Dras **																	
Kashmir	Leh **																	
Kashmir	Skardu *																	
Kashmir	Misgar **																	
Kashmir	Aliabad *																	
Kashmir	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	487	68	0	0	9	0	0	53	72
Peshawar	Drosh *	000	4	5	23	09	96	03	1	483	81	5	9	6	0	0	39	88
Peshawar	Cherat *	000	1	2	13	03	96	03	0	491	82	0	0	9	0	2	47	86
Peshawar	Kakul *	000	7	1	13	02	98	01	1	486	81	1	2	7	0	0	61	86
Peshawar	Landi Kotal *	000	0	2	02	02	97	03	0	479	85	2	5	6	0	0	74	88
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	494	56	0	0	9	0	0	48	xx
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	520	88	0	0	9	0	0	60	92
D.I. Khan	Wana *	000	0	0	09	02	98	00	0	457	83	0	0	9	0	0	43	88
Quetta	Fort Sandeman *	000	0	0	05	02	96	00	0	479	90	0	0	9	0	0	34	91
Quetta	Hindubagh *	000	0	0	27	05	98	00	0	475	82	0	0	9	0	0	41	84
Quetta	Loralai *	000	0	0	23	02	98	00	0	465	85	0	0	9	0	0	37	86
Quetta	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	Quetta *	000	0	0	34	05	98	00	0	475	80	0	0	9	0	0	43	83
Quetta	Chaman *	000	0	0	20	03	98	00	0	488	86	0	0	9	0	0	79	89
Kalat	Kalat *	000	0	0	31	03	98	00	0	492	75	0	0	9	0	0	38	79
Kalat	Nushki *	000	0	0	23	09	96	00	0	034	92	0	0	9	0	0	42	93
Kalat	Dalbandin *	000	0	0	27	05	96	02	0	503	96	0	0	9	0	0	40	98
Kalat	Panjgur *	000	0	0	31	03	98	00	0	499	92	0	0	9	0	0	35	94
Afghanistan	Kabul *	000	0	0	36	07	99	00	0	321	75	0	0	9	0	0	42	83
Afghanistan	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Chittagong	Cox's Bazar	064	9	7	07	03	96	02	1	058	84	7	4	6	0	0	77	77
Chittagong	Chittagong	085	0	3	13	02	97	01	1	052	85	2	2	7	1	0	77	78
Chittagong	Maijdee Court	120	5	8	00	00	98	01	2	047	85	6	0	9	0	3	79	77
Chittagong	Comilla	096	9	6	00	00	98	02	9	052	86	6	2	5	0	0	78	78
Chittagong	Brahmanbaria	000	0	6	00	00	97	03	2	054	85	1	5	5	0	9	78	80
Chittagong	Sylhet	000	7	7	09	02	96	02	9	052	81	3	3	6	3	0	77	79
Chittagong	Srimangal	000	0	7	09	02	97	02	2	055	83	7	4	6	0	0	77	77
Dacca	Mymensingh	023	8	8	13	02	98	02	6	057	82	8	4	4	x	x	79	75
Dacca	Narayanganj	086	9	8	13	02	95	03	6	048	80	6	7	5	3	x	79	79
Dacca	Dacca (Tezgaon)	035	9	8	13	02	97	61	0	046	80	1	2	4	2	1	77	79
Dacca	Faridpur	097	9	8	00	00	96	03	6	042	79	6	5	6	1	x	78	77
Dacca	Barisal	080	3	8	18	02	95	03	9	069	89	8	4	4	x	x	79	77
Rajshahi	Khulna	000	0	8	00	03	97	03	2	043	78	8	5	6	x	x	74	77
Rajshahi	Satkhira	035	2	8	00	00	96	03	6	052	81	8	4	6	x	x	80	74
Rajshahi	Jessore	005	9	8	18	03	97	03	6	045	82	8	4	5	x	x	79	77
Rajshahi	Siraiganj	000	0	5	00	00	97	02	0	049	83	3	4	5	0	1	78	80
Rajshahi	Bogra	000	0	4	23	02	97	02	0	048	84	4	4	6	0	0	78	79
Rajshahi	Dinajpur	000	1	3	00	00	96	01	1	051	90	3	0	9	4	0	79	76
Rajshahi	Rangpur	000	0	5	09	03	97	01	1	xxx	83	4	5	6	2	0	78	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	058	81	0	0	9	0	0	65	72
Lahore	Sialkot	000	0	0	23	02	97	00	0	051	80	0	0	9	0	0	67	71
Rawalpindi	Jhelum	000	0	0	13	02	95	05	0	055	79	0	0	9	0	0	63	69
Rawalpindi	Rawalpindi	000	0	0	00	00	96	00	0	067	72	0	0	9	0	0	60	65
Rawalpindi	Khushab	000	0	0	00	00	98	00	0	054	83	0	0	9	0	0	66	68
Multan	Lyallpur	000	0	0	18	02	96	00	0	053	75	0	0	9	0	0	64	71
Multan	Montgomery	000	0	0	13	02	97	00	0	058	77	0	0	9	0	0	64	70
Multan	Multan	000	0	0	13	02	96	00	0	062	76	0	0	9	0	0	69	69
Bahawalpur	Leiah	000	0	0	00	00	96	00	0	xxx	73	0	0	9	0	0	xx	xx
Bahawalpur	Khanpur	000	0	0	23	04	96	00	0	081	83	0	0	9	0	0	76	74
Bahawalpur	Bahawalpur	000	0	0	00	00	97	00	0	063	85	0	0	9	0	0	70	76
Bahawalpur	Fort Abbas	000	0	0	23	02	97	00	0	069	83	0	0	9	0	0	59	74
Peshawar	Chakdara	000	0	0	xx	xx	97	00	0	054	72	0	0	9	0	0	51	52
Peshawar	Peshawar	000	0	0	00	00	96	02	0	051	78	0	0	9	0	0	61	73
Peshawar	Haripur	000	0	0	23	02	98	00	0	043	80	0	0	9	0	0	55	65
Peshawar	Campbellpur	000	0	0	00	00	99	00	0	057	80	0	0	9	0	0	57	70
D.I. Khan	Bannu	000	0	0	23	02	99	00	0	050	77	0	0	9	0	0	64	72
D.I. Khan	D.I. Khan	000	0	0	00	00	98	00	0	054	79	0	0	9	0	0	65	69
Quetta	Sibi	000	0	0	00	00	98	00	0	080	81	0	0	9	0	0	60	80
Quetta	Nokkundi	000	0	0	34	05	99	02	0	108	77	0	0	9	0	0	43	68
Kalat	Turbat	000	0	0	00	00	98	00	0	020	92	0	0	9	0	0	xx	85
Kalat	Jiwani	000	0	7	16	02	97	03	1	105	81	7	5	5	0	0	73	78
Kalat	Pasni	000	0	6	13	02	95	41	0	121	80	6	5	7	0	0	74	77
Kalat	Ormara	000	0	0	00	00	98	02	1	110	80	0	0	9	0	0	77	76
Kalat	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	27	05	97	02	0	098	79	2	6	4	0	0	73	77
Karachi Federal Area & Hyderabad	Karachi (Air port)	000	0	3	25	03	96	03	1	100	79	3	6	5	0	0	72	76
Karachi Federal Area & Hyderabad	Badin	000	0	0	23	02	96	00	0	098	79	0	0	9	0	0	71	xx
Karachi Federal Area & Hyderabad	Nagarparker	xxx	x	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Karachi Federal Area & Hyderabad	Umarkot	000	0	0	23	01	97	00	0	093	75	0	0	9	0	0	73	71
Karachi Federal Area & Hyderabad	Hyderabad	000	0	0	20	05	97	02	0	087	79	0	0	9	0	0	72	75
Khairpur	Pad-i-dan	000	0	0	13	05	98	02	0	075	76	0	0	9	0	0	68	71
Khairpur	Nawabshah	000	0	0	18	05	97	02	0	083	78	0	0	9	0	0	71	73
Khairpur	Sukkur	000	0	0	26	02	96	00	0	074	80	0	0	9	0	0	69	76
Khairpur	Kashmore	000	0	0	23	02	99	00	0	089	75	0	0	9	0	0	66	74
Khairpur	Jacobabad	000	0	0	00	09	96	02	0	082	80	0	0	9	0	0	73	74
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	00	00	99	02	0	099	85	0	0	9	0	0	79	80
Arabia	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
Kashmir	Gulmarg **																	
Kashmir	Sonamarg **																	
Kashmir	Dras **																	
Kashmir	Leh **																	
Kashmir	Skardu *																	
Kashmir	Misgar **																	
Kashmir	Aliabad *																	
Kashmir	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	480	63	0	0	9	0	0	46	55
Peshawar	Drosh *	000	0	0	00	00	96	02	0	530	60	0	0	9	0	0	40	58
Peshawar	Cherat *	000	0	0	31	03	96	00	0	480	72	0	0	9	0	0	47	65
Peshawar	Kakul *	000	0	0	27	02	92	02	0	483	69	0	0	9	0	0	51	64
Peshawar	Landi Kotal *	000	0	0	00	00	97	00	0	471	73	0	0	9	0	0	57	62
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	793	68	0	0	9	0	0	36	xx
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	508	76	0	0	9	0	0	54	70
D.I. Khan	Wana *	000	0	0	00	00	99	00	0	467	60	0	0	9	0	0	37	56
Quetta	Fort Sandeman *	000	0	0	23	02	96	00	0	496	74	0	0	9	0	0	32	59
Quetta	Hindubagh *	000	0	0	27	01	98	00	0	506	63	0	0	9	0	0	35	56
Quetta	Loralai *	000	0	0	27	02	98	00	0	483	59	0	0	9	0	0	25	55
Quetta	Harnai *	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	Quetta *	000	0	0	00	00	96	00	0	497	54	0	0	9	0	0	35	42
Quetta	Chaman *	000	0	0	00	00	97	00	0	562	69	0	0	9	0	0	61	60
Kalat	Kalat *	000	0	0	18	03	98	00	0	523	56	0	0	9	0	0	45	45
Kalat	Nushki *	000	0	0	05	05	97	00	0	545	72	0	0	9	0	0	20	68
Kalat	Dalbandin *	000	0	0	00	00	96	02	0	488	63	0	0	9	0	0	31	60
Kalat	Panjgur *	000	0	0	00	00	98	00	0	496	68	0	0	9	0	0	46	63
Afghanistan	Kabul *	000	0	0	14	02	99	00	0	553	82	0	0	9	0	0	44	45
Afghanistan	Kandahar *																	

Departure from Normal of / Rainfall

Divisions (1)	Station (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	+ 3	+ 1	111.8	+ 5.9	122.7	140
Chittagong	Chittagong	+ 4	+ 2	66.7	- 7.7	74.2	108
Chittagong	Maijdee Court	+ 5	- 1	66.8	- 20.1	70.7	115
Chittagong	Comilla	+ 6	+ 1	45.0	- 15.6	56.9	94
Chittagong	Brahmanbaria	—	—	40.1	- 5.8	55.8	78
Chittagong	Sylhet	—	—	68.4		118.9	..
Chittagong	Srimangal	- 1	+ 2	41.0	- 15.4	87.6	90
Dacca	Mymensingh	+ 5	- 2	21.0	- 39.2	61.7	
Dacca	Narayanganj	+ 6	0	49.2	+ 2.8	63.3	
Dacca	Dacca (Tezgaon)	—	—	44.3		59.3	
Dacca	Faridpur	+ 6	- 1	37.8	- 7.1	49.9	
Dacca	Barisal	+ 5	- 1	39.9	- 14.1	56.9	
Rajshahi	Khulna	+ 6	0	36.9	- 9.7	44.9	
Rajshahi	Satkhira	+ 5	- 3	39.1	- 4.7	56.2	
Rajshahi	Jessore	—		36.8	- 5.0	40.1	
Rajshahi	Siraiganj	+ 6	+ 2	54.4	+ 11.6	64.0	64
Rajshahi	Bogra	+ 4	+ 2	54.8	+ 6.5	62.3	69
Rajshahi	Dinajpur	+ 6	- 1	41.2	- 11.9	44.4	72
Rajshahi	Rangpur	—	—	44.5	- 13.9	53.3	84
Kashmir	Jammu						..
Lahore	Lahore (Jail Rd.)	- 1	+ 2	16.7	+ 2.4	25.4	19
Lahore	Sialkot	+ 2	- 1	21.9	- 1.2	45.1	32
Rawalpindi	Jhelum	—	—	16.7	—	27.3	
Rawalpindi	Rawalpindi	+ 3	- 2	14.4	- 8.6	30.3	
Rawalpindi	Khushab	+ 2	- 6	8.2	- 1.7	17.0	
Multan	Lyallpur	0	- 1	10.1	+ 1.1	16.2	
Multan	Montgomery	- 1	- 4	6.4	- 0.8	10.2	
Multan	Multan	+ 1	- 6	0.7	- 4.1	4.1	
Bahawalpur	Leiah	—	—		—	—	8
Bahawalpur	Khanpur	- 4	0	0.2	- 4.6	1.2	5
Bahawalpur	Bahawalpur		- 4	1.3	- 2.9	2.5	6
Bahawalpur	Fort Abbas	—				—	8
Peshawar	Chakdara	—	—	2.7	—	17.5	..
Peshawar	Peshawar	0	+ 4	1.9	- 2.3	13.0	14
Peshawar	Haripur	—	—	7.9	—	11.9	..
Peshawar	Campbellpur	—	—	5.7	—	21.1	..
D.I. Khan	Bannu	—		2.4	—	9.5	11
D.I. Khan	D.I. Khan	+ 1	- 4	2.3	- 3.4	3.8	10
Quetta	Sibi	—	—	1.1	—	6.2	5
Quetta	Nokkundi	—	—	0	—	1.9	2
Kalat	Turbat	—	—	2.5	—	5.9	..
Kalat	Jiwani	—	—	0	—	8.1	4
Kalat	Pasni	x	+ 5	—	- 0.9	6.2	6
Kalat	Ormara	—	—	0	- 0.8	3.8	6
Kalat	Las Bela	—					8
Karachi Federal Area & Hyderabad	Karachi (Manora)	+ 1	+ 1	0.6	- 5.4	1.1	8
Karachi Federal Area & Hyderabad	Karachi (Air port)	—	—	0.9	—	1.0	
Karachi Federal Area & Hyderabad	Badin	0	—	3.6	- 3.5	3.6	9
Karachi Federal Area & Hyderabad	Nagarparker	—	—	—	—	—	
Karachi Federal Area & Hyderabad	Umarkot	—	—	4.7	—	4.7	
Karachi Federal Area & Hyderabad	Hyderabad	- 3	0	0.9	- 3.0	2.8	7
Khairpur	Pad-i-dan	—	—	0.1	—	1.4	
Khairpur	Nawabshah	—	—	0.1	—	0.6	
Khairpur	Sukkur	—	—	0.1	—	2.9	4
Khairpur	Kashmore	—	—	—	—	—	
Khairpur	Jacobabad	- 3	- 1	0	- 2.2	3.5	
Junagarh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat	- 3	- 3	0	- 0.1	6.9	
Arabia	Kuwait						
	HILL STATIONS						
Kashmir	Srinagar *						26
Kashmir	Gulmarg **						
Kashmir	Sonamarg **						71
Kashmir	Dras **						26
Kashmir	Leh **						3
Kashmir	Skardu *						6
Kashmir	Misgar **						
Kashmir	Aliabad *						..
Kashmir	Gilgit *						5
Rawalpindi	Murree *	+ 2	+ 1	24.2	- 10.3	57.9	59
Peshawar	Drosh *	—	—	2.0	—	24.2	18
Peshawar	Cherat *	+ 2	+ 1	4.8	- 7.0	25.5	29
Peshawar	Kakul *	—	—	14.2	—	41.8	..
Peshawar	Landi Kotal *	—	—	1.1	—	15.3	..
D.I. Khan	Parachinar *	—	—	6.7	—	25.8	29
D.I. Khan	Miranshah *	—	—	3.1	- 1.4	15.4	13
D.I. Khan	Wana *	—	—				
Quetta	Fort Sandeman *	- 1	- 4	2.4	- 2.6	12.9	11
Quetta	Hindubagh *	—	—	0	—	12.3	..
Quetta	Loralai *	—	—	1.9	—	10.7	..
Quetta	Harnai *	—	—	2.0	- 5.3	14.3	14
Quetta	Quetta *	—	—	0	- 1.0	8.5	9
Quetta	Chaman *	0	- 1	0	- 0.2	10.2	
Kalat	Kalat *	- 2	- 1	0	- 1.2	8.4	7
Kalat	Nushki *	—	—	0	—	8.0	
Kalat	Dalbandin *	0	+ 2	0	- 0.3	4.4	4
Kalat	Panjgur *	0	0	0	—	4.2	5
Afghanistan	Kabul *	—		—	—		12
Afghanistan	Kandahar *						..

†Given in Code.

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day.

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE [illegible] SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N_t dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	0 T_sT_s T_dT_d	1 $d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Circassia	73 194	596 00	1 23 18	98 01 1	081 79	11 5 00		..		..
Udomaru	73 209	623 00	4 24 10	97 02 1	070 79	41 5 00	2 5 400	..	0 00 xx	..
Sirrah	73 246	655 00	[illegible] 08	98 01 0	110 81	[illegible]	2 [illegible] 400		0 51 72	1 28 33
Captain Hobson	73 183	641 06	3 28 09	98 02 0	133 81	22 4 01	6 4 213	..	0 00 74	1 24 33
Udomaru	73 198	648 06	4 24 12	98 02 1	110 82	41 5 00	3 5 115	..	0 09 xx	..
Wieldrecht	73 226	599 06	0 49 10	98 02 0	009 82	00 9 00		..	0 55 75	1 14 22
Eurycein	73 229	610 06	0 23 09	98 02 0	102 80	00 9 00	7 5 110	..		..
Caltex Pernis	73 210	594 06	0 21 [illegible]	98 02 0	103 75	00 9 00	4 5 xxx		0 00 72	1 21 43
Caltex Pernis	73 199	587 12	0 20 16	98 02 0	082 75	00 9 00	5 x xxx	..	0 02 72	1 20 33
Captain Hobson	73 182	631 12	8 26 09	98 02 2	103 81	31 5 07	6 2 610		0 01 74	1 13 24
Udomaru	73 190	660 12	2 27 12	98 01 0	085 84	21 6 00	3 5 615	..	0 04 xx	..
Udomaru	73 180	674 18	2 25 12	97 02 0	110 79	25 5 00	3 5 210	..	0 02 xx	..
Ensolandra	73 215	596 18	0 21 17	98 02 0	110 75	00 9 00	1 5 210	..	0 00 73	1 21 33
Wieldrecht	73 245	581 18	0 05 06	98 02 0	091 84	00 9 00	..	..	0 54 79	1 05 21
Captain Hobson	73 179	623 18	1 26 09	98 02 0	123 79	11 4 00	6 3 113	..	0 81 72	1 23 24

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels: HHH TTT $T_dT_dT_d$								HHHTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	006 245 228	078 262 238	..	480 215 072	..	169 132 015	456 035 562	942 018 688	688 628 999	981 782	259 002	440 165	678 231
Lahore														
Multan														
Peshawar	00 00	964 242 178	..	..	450 215 142	..	072 102 032	328 502 505	758 605 999	442 692 999	527 812	..	..	
Quetta	00 00	832 162 022	..	..	..	..	150 112 028	426 022 585	884 560 999	604 642 999		..	..	

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	900 242 182	800 212 038	350 708 999	250 875 999	062 425 999	..	..	..	..	062 125 999	..	
Lahore													
Multan													
Peshawar	00 00	900 238 168	800 185 112	350 748 999	250 910 999	215 960 999	..	..	..	..	215 960 999	..	..
Quetta	00 00	800 152 055	548 000 999	..	..		..	..	..	..	548 000 999	..	

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
	At 1200 hrs. G.M.T. † of Previous day (dd ff)								
STATION	2	3	4	5	6	7	8	9	10
Bogra ..	01 02	01 03	04 02	09 05	06 04	06 05	05 07	04 10	..
Chaklala ..	..	03 02	23 13	24 10	32 06	36 05	04 10	34 09	29 13
Chhor ..	27 09	27 03	27 03	17 07	10 07				..
Chittagong ..	18 15	19 19	19 15	16 10	14 11				..
Cox's Bazar ..	16 12	14 12	13 13	13 14	12 13	13 09			
Dacca ..	31 05	33 03	01 04	03 07	04 08	06 07	03 09	03 01	17 02
Dalbandin ..	..	..	28 08	30 24	29 28	31 24	34 09	34 09	34 10
D. I. Khan ..	..	..	..						
Drosh ..				23 08	22 11	21 13			
Fort Sandeman ..				23 09	22 06	22 08	25 09	20 09	29 11
Jacobabad ..	14 11	19 10	10 08	23 07	34 08	34 10	11 06	33 09	33 12
Jessore ..									
Jhelum ..	21 03	22 06	28 07	29 07	31 09	32 11	31 17	33 16	32 17
Jiwani ..	20 05	33 04	26 05	27 07	31 07	04 10			..
Karachi ..	21 21	23 11	33 03	02 06	03 14	01 19	03 20	34 08	..
Khanpur ..	25 10	24 15	23 13	24 10	32 06	36 05	04 10	34 09	29 13
Lahore ..	26 09	27 09	28 10	29 10	30 08	33 15	35 16	34 18	34 17
Multan ..	20 12	23 12	24 12	28 10	28 10	34 07	36 03	34 10	32 10
Muscat ..	..	..		..	..			..	
Panjgur ..	..								
Peshawar ..	..	23 03	26 02	30 03	31 02	31 12	31 12	31 14	30 28
Quetta ..	..	..		..	32 07	29 08	30 08	30 11	29 18
Sharjah ..									
Sylhet ..	06 04	10 11	08 13	07 12	06 10	04 09	07 06	06 06	06 04
Veraval ..									

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
	At 0000 hrs. G.M.T. † of date (dd ff)					
STATION	11	12	13	14	15	16
Bogra ..	10 15	10 13	07 08	06 07	07 08	07 12
Chaklala ..	..	06 08	35 02	33 09	32 12	32 12
Chhor ..	24 20	21 13	18 12	18 11	18 07	16 06
Chittagong ..	07 06	07 01	04 03	13 10	13 19	11 09
Cox's Bazar ..	13 20	13 19	13 18	13 19		
Dacca ..	No	ascent				
Dalbandin ..	..		29 09	31 08	24 11	32 30
D. I. Khan ..			..			
Drosh ..				11 01	04 01	03 09
Fort Sandeman ..				23 02	29 06	31 17
Jacobabad ..	21 20	20 19	19 13	21 03	21 06	34 13
Jessore ..						
Jhelum ..	10 03	32 06	31 10	31 11	32 13	30 10
Jiwani ..	15 06	13 04	14 07			
Karachi ..	28 09	27 10	27 11	03 10	06 04	
Khanpur ..	26 23	26 25	25 25	26 14	06 03	28 05
Lahore ..	29 15	28 15	28 09	28 01	35 03	33 14
Multan ..	30 12	24 12	22 10	16 07	32 04	33 05
Muscat ..	..		..	..		
Panjgur ..	..		..	..		
Peshawar ..	..	..	..			
Quetta ..		..	..		23 09	26 16
Sharjah ..						
Sylhet ..	10 12	09 11	11 09	11 08	11 09	10 10
Veraval ..						

Height in Kms a.s.l. →	0.3	0.6	0.9	1.6	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ..	13 08	13 10	..	..		..	..		..		..
Chaklala ..											
Chhor ..											
Chittagong ..	09 04	11 04	13 08	14 18	14 25	15 20					
Cox's Bazar ..	12 05	13 07									
Dacca ..	14 07	16 08	16 10	14 10	10 11	12 12	36 03	25 03			
Dalbandin ..			27 08	31 09	31 15	32 14	31 21	33 29	31 27	28 22	27 54
D. I. Khan ..											
Drosh ..					04 09	01 13	03 07	09 08	09 08	31 04	29 07
Fort Sandeman ..				05 01	19 07	22 08	22 06	30 11	26 09	26 26	16 46
Jacobabad ..	24 06	23 08	22 08	26 03	30 06	25 26	35 06	24 07	28 14	27 30	27 44
Jessore ..											
Jhelum ..	12 01	36 01	33 02	29 09	31 09	30 09	33 15	34 06	25 10	26 24	36 34
Jiwani ..	17 05	16 08	14 11	13 12							..
Karachi ..	25 12	27 08	28 10	34 08	03 09	03 14	35 12	31 12	29 14	29 17	..
Khanpur ..	25 27	25 29	25 25	26 17	26 12	21 05	16 03	29 07	27 11	27 83	27 47
Lahore ..	30 04	30 08	27 07	28 06	29 08	31 14	33 13	32 07	28 07	28 13	27 40
Multan ..	26 05	31 04	29 04	29 05	29 07	28 05	27 07	26 11	25 16	27 37	36 46
Muscat ..	..	..	..	..	..	..					..
Panjgur ..	..	..	..	..		..					
Peshawar ..	..	..		..							
Quetta ..	..	..		..	28 08	28 12	30 10	22 06	29 10	30 25	27 28
Sharjah ..						..	..	..			..
Sylhet ..	04 03	07 07	10 10	09 11	12 13	..	..	..			..
Veraval ..					..		..				

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.0	[illegible]	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	25 09	25 12	28 12	31 10	33 21	03 25	36 19	36 21	32 15	30 17	28 19	23 21	34 22	25 45	32 28	22 19	14 08	10 19
Peshawar ..	—	27 05	16 05	36 05	30 04	32 19	35 18	34 12	34 13	31 10	26 26	25 43	28 61					
Quetta ..																		

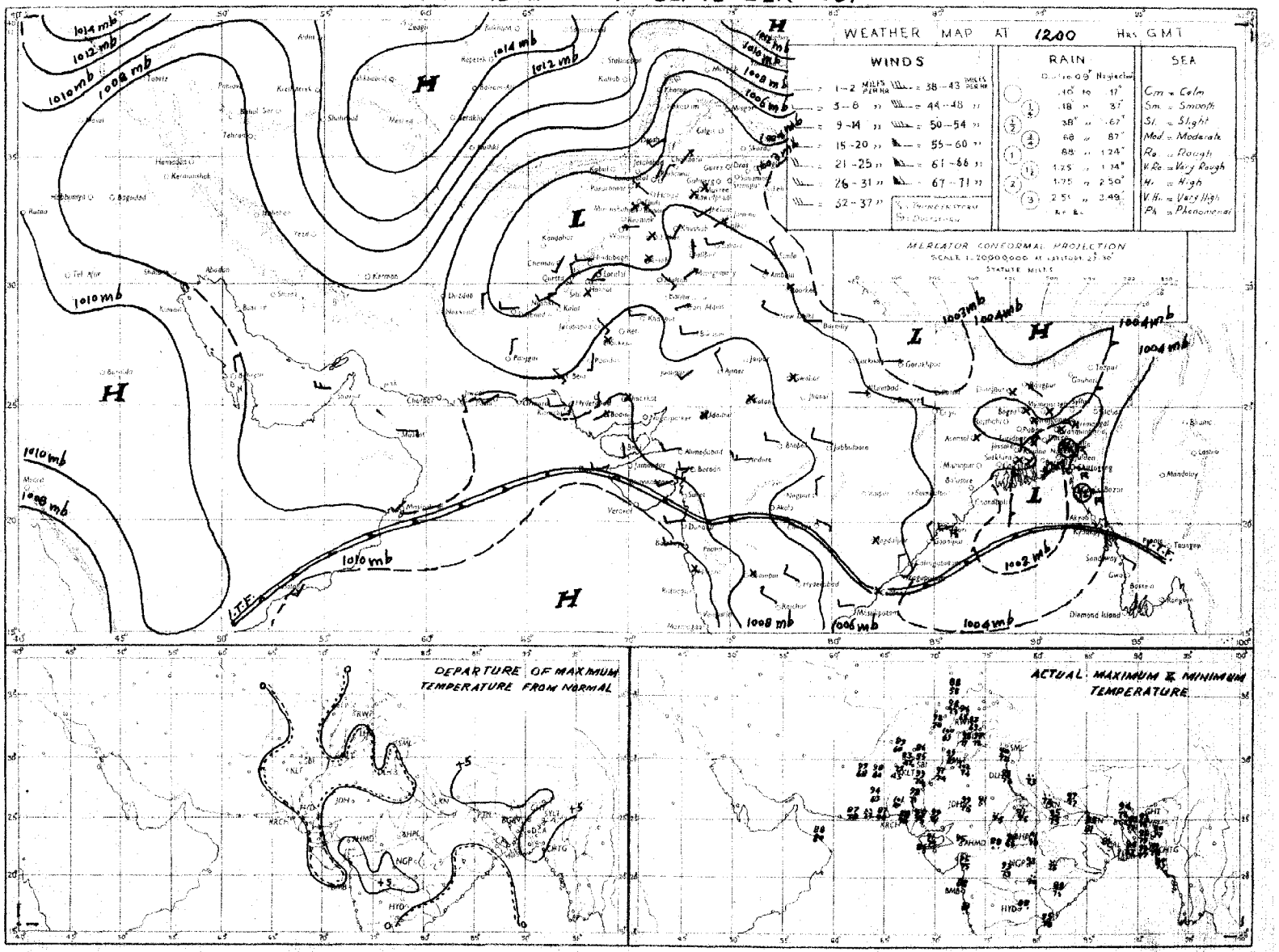
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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.

PAKISTAN DAILY WEATHER MAP

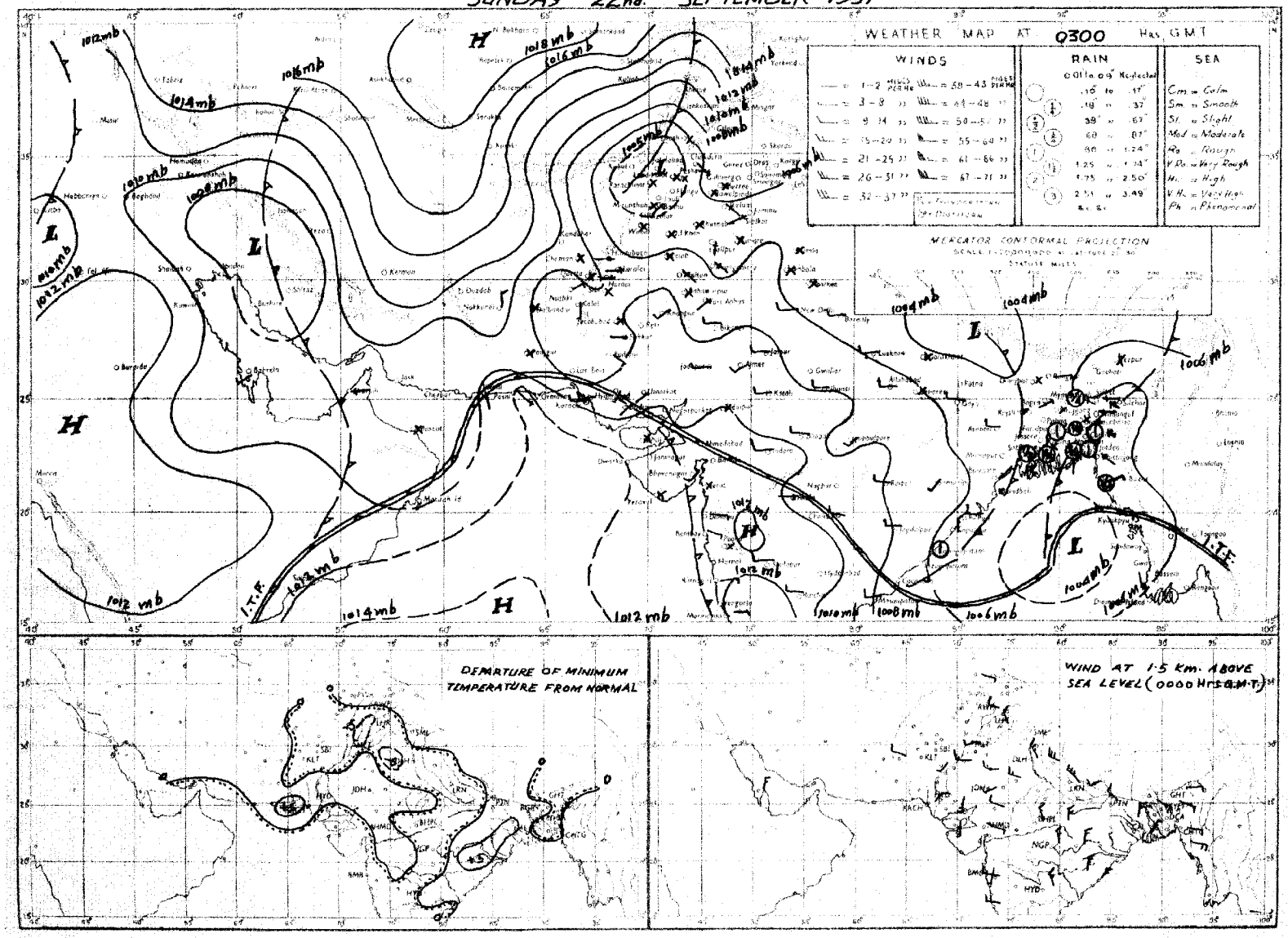
SATURDAY 21st. SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 22nd. SEPTEMBER 1957



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

Monthly Subscription.

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Reg. No. S 1167

PAKISTAN DAILY WEATHER REPORT

MONDAY, THE 23rd SEPTEMBER, 1957

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

Yesterday's well-marked low over north and adjoining Central Bay of Bengal concentrated into a depression centred at 23,0300 G.M.T. within half a degree of latitude 20°N and longitude 89½°E. It is likely to intensify and move in a northerly direction.

Fairly widespread rain/thundershowers have occurred in Chittagong and Dacca divisions.

The trough of low pressure off Konkan-Kathiawar coast persists.

Weather remained dry in West Pakistan.

Chief amounts of rainfall are:—Chittagong 1"; Maijdee Court ½" and Comilla, Brahmanbaria, Sylhet, Faridpur and Barisal ¼" each.

Day temperatures were 2-4°F above normal in Peshawar, Rawalpindi, Lahore and D. I. Khan divisions and were 2-5°F below normal in north Kalat division.

Forecast valid until the evening of 24th:—Rain/thundershowers will be fairly widespread in East Pakistan. A few thunderstorms/showers may also occur in Peshawar and Rawalpindi divisions and in Kashmir.

Heavy rainfall warning:—Locally moderate to heavy rain will fall in the southern districts of East Pakistan during next 48 hours.

Karachi-11.
The 23rd September, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

Divisions	Station	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Pass weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	2	7	16	03	96	02	6	017	82	4	9	7	1	7	78	90	000	7	6	13	03	96	02	6	040	85	6	6	6	0	0	78	78	+ 3	+ 2	111.8	+ 5.5	122.7	140
	Chittagong	xxx	4	8	20	02	96	60	9	xxx	81	8	3	4	x	x	80	91	093	9	3	05	02	97	01	6	038	86	2	1	6	0	0	80	77	+ 4	+ 1	67.7	- 7.7	75.1	106
	Maijdee Court	060	9	8	00	00	99	03	2	010	86	1	5	5	2	2	78	89	085	9	8	05	02	98	02	2	037	81	1	4	5	2	2	77	75	+ 2	- 3	61.7	- 19.9	71.6	115
	Comilla	000	0	8	00	00	96	50	2	012	86	8	9	4	x	x	78	91	035	9	8	08	02	97	02	9	042	82	8	2	4	x	x	76	77	+ 3	0	45.4	- 15.6	57.2	94
	Brahmanbaria	000	4	6	00	00	97	17	9	013	87	6	3	5	0	0	79	92	063	9	7	09	02	97	97	9	048	79	7	5	5	0	0	75	77	—	—	40.1	+ 0.5	54.4	78
	Sylhet	000	0	7	00	00	96	03	2	013	85	4	5	6	2	8	80	89	045	9	8	09	02	97	02	6	044	82	6	5	6	2	x	79	76	—	—	68.4	—	119.4	[illegible]
	Srimangal	000	0	7	00	00	95	13	2	019	83	7	2	6	0	0	79	90	003	9	8	00	00	97	60	9	053	80	8	4	6	x	x	76	76	- 1	+ 1	41.1	- 15.7	87.7	98
Dacca	Mymensingh	000	4	8	13	02	98	02	5	017	80	8	4	4	x	x	77	89	000	0	8	13	02	98	02	2	051	82	8	7	4	x	x	78	77	+ 2	0	21.0	-39.6	61.7	91
	Narayanganj	000	9	8	36	02	95	03	2	015	81	8	7	5	x	x	75	91	012	9	8	09	02	96	21	6	045	83	6	4	4	3	x	79	80	+ 3	+ 1	49.3	+ 2.7	63.4	74
	Dacca (Tejgaon)	003	2	7	13	02	97	95	9	013	80	5	9	4	4	0	78	89	005	9	7	09	02	97	02	9	038	82	3	4	4	3	0	79	79	—	—	44.3	—	9.3	76
	Faridpur	003	8	8	16	03	96	97	2	018	81	6	3	6	1	0	75	88	055	9	8	11	03	96	03	0	037	83	2	7	7	1	0	77	77	+ 1	- 1	38.3	- 6.9	50.4	91
	Barisal	000	0	6	00	00	95	03	2	008	85	6	9	7	4	0	78	89	068	8	8	00	00	94	63	6	039	78	5	7	9	0	0	77	76	+ 2	+ 2	40.6	- 13.8	57.6	81
Bakhali	Khulna	000	0	6	00	00	97	01	2	013	85	6	5	7	0	0	79	90	000	0	8	00	03	97	03	2	048	82	8	5	6	x	x	78	80	+ 2	+ 13	36.9	- 1.0	44.9	68
	Sakkhira																																								68
	Jessore	000	0	8	18	02	96	03	2	011	84	8	8	5	x	x	80	90	000	0	8	09	05	97	02	2	038	82	6	4	5	6	x	79	79	—	—	36.9	- 5.4	46.1	65
	Sirajganj	000	0	8	00	00	94	02	2	009	84	8	4	6	x	x	78	91	000	0	8	00	00	96	02	2	037	84	8	2	6	0	0	78	xx	+ 4	—	54.4	+ 11.3	64.0	64
	Bogra	000	0	5	00	00	96	02	0	014	90	5	6	0	0	0	79	93	000	0	0	13	02	98	00	1	036	85	0	0	9	0	0	79	80	+ 5	+ 3	54.8	+ 7.1	62.3	69
	Dinajpur	000	0	0	00	00	96	00	0	011	86	0	0	9	0	0	74	93	000	2	8	00	00	96	02	2	042	87	6	4	7	2	0	75	70	+ 5	- 7	41.2	- 12.3	44.4	73
	Rangpur	000	0	5	07	02	96	03	4	xxx	89	5	5	6	0	0	81	94	000	0	6	18	02	96	01	2	xxx	83	4	5	6	2	0	79	79	—	—	44.5	—	53.3	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	0	23	02	96	02	0	007	97	0	0	9	0	0	64	99	000	0	0	18	02	96	02	0	025	82	0	0	9	0	0	68	70	+ 1	0	16.7	+ 2.4	25.4	19
	Sialkot	000	0	0	00	00	97	00	0	000	96	0	0	9	0	0	64	99	000	0	0	00	00	97	00	0	024	81	0	0	9	0	0	66	75	+ 4	+ 3	21.9	- 1.3	45.1	72
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	004	93	0	0	9	0	0	65	99	000	0	0	23	02	96	02	0	031	79	0	0	9	0	0	67	69	—	—	16.7	—	27.3	[illegible]
	Rawalpindi	000	0	0	00	00	99	00	0	017	95	0	0	9	0	0	64	98	000	0	0	00	00	99	00	1	040	73	0	0	9	0	0	63	67	+ 5	0	14.4	- 8.7	30.3	38
	Khushab	000	0	0	00	00	98	00	0	003	99	0	0	9	0	0	62	02	000	0	0	11	03	98	00	0	026	80	0	0	9	0	0	66	70	+ 3	- 4	8.2	- 1.7	17.0	48
Multan	Lyallpur	000	0	0	00	00	96	00	0	009	96	0	0	9	0	0	79	00	000	0	0	00	00	96	00	0	028	80	0	0	9	0	0	61	71	+ 2	- 1	10.1	+ 1.0	16.2	40
	Montgomery	000	0	0	00	00	97	00	0	012	96	0	0	9	0	0	59	00	000	0	0	13	02	97	00	0	034	76	0	0	9	0	0	60	69	+ 1	- 3	6.4	- 0.9	10.2	40
	Mulan	000	0	0	13	03	96	00	0	012	93	0	0	9	0	0	59	98	000	0	0	13	02	96	00	0	019	83	0	0	9	0	0	82	68	0	- 7	0.7	- 4.1	4.1	[illegible]
Bahawalpur	Leiah	000	0	0	00	00	97	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	00	00	96	00	0	xxx	75	0	0	9	0	0	xx	68	—	—	—	—	—	8
	Khanpur	000	0	0	27	03	96	00	0	017	96	0	0	9	0	0	82	99	000	0	0	27	04	96	00	0	040	80	0	0	9	0	0	76	72	- 3	- 2	0.2	- 4.6	1.2	6
	Bahawalpur	000	0	0	00	00	97	00	3	011	96	0	0	9	0	0	70	97	000	0	0	02	32	96	09	0	039	83	0	0	9	0	0	70	75	- 2	+ 3	1.3	- 2.7	2.5	6
	Fort Abbas	000	0	0	23	02	99	00	0	006	00	0	0	9	0	0	54	02																		—					8
Peshawar	Chakdara	000	0	1	00	xx	98	01	1	963	95	1	2	7	0	0	62	97	000	0	0	00	00	97	02	0	025	70	0	0	9	0	0	53	51	—	—	2.7	—	17.5	[illegible]
	Peshawar	000	0	2	00	00	96	05	0	989	94	1	1	7	2	1	61	97	000	0	1	31	02	97	02	0	019	78	1	0	9	3	0	58	68	+ 3	- 1	1.9	- 2.5	13.0	14
	Haripur	000	5	1	23	02	97	03	0	933	96	1	1	6	0	0	74	99	000	0	0	23	02	97	00	0	009	83	0	0	9	0	0	48	68	—	—	7.9	—	11.9	[illegible]
	Campbellpur	000	0	0	00	00	99	00	0	936	97	0	0	9	0	0	52	97	000	0	0	00	00	99	00	0	028	79	0	0	9	0	0	57	70	—	—	5.7	—	21.1	[illegible]
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	990	96	0	0	9	0	0	65	99	000	0	0	27	03	99	00	0	018	80	0	0	9	0	0	62	70	+ 4	—	2.4	—	9.5	41
	D.I. Khan	000	0	0	00	00	98	00	0	008	02	0	0	9	0	0	68	03	000	0	0	31	02	98	00	0	009	75	0	0	9	0	0	64	70	—	- 3	2.3	- 3.1	7.8	10
Quetta	Sibi	000	0	0	00	00	98	00	0	007	04	0	0	9	0	0	76	05	000	0	0	00	00	99	00	0	048	80	0	0	9	0	0	55	79	—	—	1.1	—	6.2	5
	Nokkundi	000	0	0	34	13	98	02	0	041	92	0	0	9	0	0	38	95	000	0	0	34	02	99	02	0	082	75	0	0	9	0	0	32	71	—	—	0	—	1.9	2
	Turbat	000	0	0	23	02	97	00	0	008	xx	0	0	9	0	0	85	02	000	0	0	00	00	98	00	0	011	89	0	0	9	0	0	xx	82	2.5	—	2.5	—	8.9	4
	Jiwani	000	8	8	18	07	97	01	2	063	83	0	0	9	0	0	74	87	000	0	6	27	02	97	01	1	072	81	6	6	0	0	0	77	77	0	—	0	—	3.1	4
	Pasni	000	0	0	23	21	94	07	0	069	85	0	0	9	0	0	73	88	000	0	1	00	00	93	40	0	086	75	1	5	7	0	0	73	73	- 2	+ 1	0	- 6.9	6.2	6
	Ormara	000	0	0	xx	07	98	00	0	048	85	0	0	9	0	0	80	xx	000	0	6	xx	03	98	00	0	082	79	6	0	9	4	0	75	75	x	—	0	- 0.8	3.8	5
	Las Bela	000	0	0	13	03	98	00	0	042	91	0	0	9	8	0	74	01	000	0	2	00	00	98	00	2	088	85	0	0	9	0	2	75	74	—	—	1.5	—	2.6	8
Karachi Federal Areas & Hyderabad	Karachi (Manora)	000	0	3	25	12	98	01	0	052	83	2	6	4	5	0	73	86	000	0	6	27	07	97	01	2	060	81	6	0	9	7	0	75	78	+ 1	+ 2	0.6	- 5.4	1.1	8
	Karachi (Air port)	000	0	1	25	12	97	02	1	056	85	1	6	5	0	0	70	89	000	0	7	27	12	98	01	2	062	81	7	6	9	0	0	72	78	—	—	0.9	—	1.0	[illegible]
	Badin	000	0	0	23	02	97	00	0	040	96	0	0	9	0	0	70	98	000	0	0	23	02	96	00	0	069	79	0	0	9	0	0	73	xx	+ 3	- x	3.6	- 3.5	3.6	[illegible]
	Nagarparker	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	23	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	—	—	—	[illegible]
	Umarkot	000	0	0	27	03	97	00	0	038	98	0	0	9	0	0	70	99	000	0	0	23	02	97	00	0	044	78	0	0	9	0	0	74	73	—	—	4.7	—	4.7	[illegible]
	Hyderabad	000	0	0	20	10	97	02	0	038	93	0	0	9	0	0	67	99	000	0	0	20	07	97	02	0	050	80	0	0	9	0	0	73	76	+ 1	+ 1	0.9	- 5.0	2.8	[illegible]
Khairpur	Padidan	000	0	0	18	02	98	02	0	029	01	0	0	9	0	0	53	02	000	0	0	13	05	98	02	0	035	76	0	0	9	0	0	70	73	—	—	0.1	—	1.4	[illegible]
	Nawabshah	000	0	1	18	03	97	02	0	035	98	1	2	7	0	0	62	00	000	0	0	18	05	97	00	0	043	79	0	0	9	0	0	71	75	—	—	—	—	—	[illegible]
	Sukkur	000	0	0	27	02	96	00	0	020	97	0	0	9	0	0	67	99	000	0	0	27	03	96	00	0	031	79	0	0	9	0	0	69	75	—	—	0.1	—	2.9	[illegible]
	Kashmore																																								[illegible]
	Jacobabad	000	0	0	13	12	97	02	0	020	97	0	0	9	0	0	77	00	000	0	0	13	02	97	02	0	043	79	0	0	9	0	0	73	74	- 2		0	- 2.2	3.5	[illegible]
Jungarh	Varavel																																								20
Afghanistan	Jalalabad																																								[illegible]
Arabia	Muscat	000	0	0	09	05	99	00	0	070	85	0	0	9	0	0	78	90	000	0	0	00	00	99	00	0	066	84	0	0	9	0	0	75	83	- 1	0	0	- 0.1	6.9	[illegible]
	Kuwait																																								[illegible]
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								[illegible]
	Sonamarg **																																								26
	Dras **																																								3
	Leh **																																								[illegible]
	Skardu *																																								[illegible]
	Miltgar **	000	0	0	00	00	98	00	0	080	60	0	0	9	0	0	19	65	000	0	0	00	00	98	00	0	104	47	0	0	9	0	0	21	38	—	—	—	—	—	[illegible]
	Allahbad *																																								[illegible]
	Gilgit *																																								[illegible]
Peshawar	Murree *	000	0	0	31	03	98	00	0	449	71	0	0	9	0	0	54	73	000	0	0	29	03	98	00	0	456	50	0	0	9	0	0	48	55	+ 3	+ 1	24.2	- 10.5	57.9	59
	Dirosh *	000	0	3	27	05	96	01	0	429	85	3	2	7	0	0	27	96	000	0	0	00	00	96	03	0	469	64	2	2	7	0	0	36	62	—	—	2.0	—	24.2	19
	Chitral *	000	0	0	13	02	96	00	0	460	85	0	0	9	0	0	46	88	000	0	0	00	00	96	00	0	456	xx	0	0	9	0	0	48	66	+ 4	+ 2	4.8	- 7.0	25.5	29
	Kalam *	000	6	1	18	02	98	01	0	455	82	1	2	7	0	4	50	86	000	0	0	30	12	99	00	0	461	73	0	0	9	0	0	50	68	—	—	14.2	—	41.8	[illegible]
D.I. Khan	Landi Kotal *	000	0	1	00	00	97	03	0	447	89	1	5	6	0	0	81	92	000	0	0	00	00	97	00	0	464	78	0	0	9	0	0	50	64	—	—	1.1	—	15.3	[illegible]
	Parachinar *	000	0	4	13	02	99	00	0	793	49	4	0	9	8	8	37	xx	000	0	0	00	00	99	00	0	793	48	0	0	9	0	0	26	xx	x	—	6.7	—	25.8	26
	Miranshah *	000	0	0	00	00	99	00	0	481	90	0	0	9	0	0	59	93	000	0	0	00	00	99	00	0	468	72	0	0	9	0	0	43	62	—	—	3.1	- 1.4	15.4	13
	Wana *	000	0	0	12	01	99	00	0	438	88	0	0	9	0	0	38	90	000	0	0	00	00	99	00	0	457	61	0	0	9	0	0	37	56	—	—	1.4	—	13.5	[illegible]
Quetta	Fort Sandeman *	000	0	0	36	02	96	00	0	458	90	0	0	9	8	0	37	91	000	0	0	00	00	97	00	0	456	70	0	0	9	0	0	18	60	- 1	- 3	2.4	- 2.5	12.9	11
	Hindubagh *	000	0	0	27	05	98	00	0	455	82	0	0	9	0	0	41	83	000	0	0	27	02	98	00	0	477	61	0	0	9	0	0	32	55	—	—	0	—	12.3	[illegible]
	Loralai *	000	0	0	18	02	98	00	0	457	83	0	0	9	0	0	40	85	000	0	0	31	02	98	00	0	446	60	0	0	9	0	0	18	54	—	—	1.9	—	10.7	[illegible]
	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	x	—	2.0	- 5.3	14.3	[illegible]
	Quetta *	000	0	0	27	03	98	00	0	450	90	0	0	9	0	0	48	83	000	0	0	00	00	96	00	0	568	56	0	0	9	0	0	36	42	—	—	0	- 1.0	9.5	[illegible]
	Chaman *	000	0	0	20	02	98	00	0	474	88	0	0	9	0	0	78	87	000	0	0	00	00	97	00	0	474	66	0	0	9	0	0	59	60	- 2	- 1	0	- 0.2	10.8	[illegible]
	Kalat *	000	0	0	31	03	98	00	0	467	75	0	0	9	0	0	38	76	000	0	0	18	05	98	00	0	502	57	0	0	9	0	0	43	42	- 2	- 4	0	- 1.2	8.4	[illegible]
	Nushki *	000	0	0	23	09	96	00	0	524	91	0	0	9	0	0	85	92	000	0	0	05	05	97	00	0	541	68	0	0	9	0	0	37	66	—	—	0	—	8.1	[illegible]
Afghanistan	Dalbandin *	000	0	0	18	07	96	02	0	479	94	0	0	9	0	0	46	96	000	0	0	12	02	96	02	0	457	62	0	0	9	0	0	31	58	- 3	0	0	- 0.2	4.4	[illegible]
	Panjgur *	000	0	0	31	05	98	00	0	492	89	0	0	9	0	0	57	91	000	0	0	00	00	98	00	0	489	67	0	0	9	0	0	42	64	- 3	+ 1	0	—	4.2	[illegible]
	Kabul *	000	0	4	00	00	99	03	0	498	80	4	5	9	0	0	49	83	000	0	0	00	00	99	00	0	535	49	0	0	9	0	0	42	44	—	—	—	—	—	17
	Kandahar *																																								[illegible]

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY, THE 23rd SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Circassia	13 161	544 00	0 23 13	98 02 0	116 79	00 9 00		..		..
Udomaru	13 171	687 00	3 25 10	97 22 0	090 77	34 7 00	3 5 620	..	0 54 xx	..
City of Bedford	13 190	590 06	3 22 10	98 02 0	100 07	21 7 41	1 6 303	..	0 05 xx	1 21 22
Esso Rotherdam	13 198	585 06	0 21 09	98 02 0	121 73	00 9 00	1 5 213	..	0 04 72	1 21 22
City of Bedford	13 200	602 12	7 25 05	98 03 1	090 88	31 6 00	1 5 823	..	0 06 xx	1 25 xx
Esso Rotherdam	13 212	594 12	0 20 14	98 02 0	075 81	00 9 00	1 5 621	..	0 04 73	1 22 22
Karanja	13 181	593 18	3 23 28	98 01 1	107 81	31 5 00	1 6 210	..	0 00 75	1 24 42
Jaleshwar	13 212	621 18	3 23 09	99 02 0	082 81	22 6 01		..		..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	003 268 242	046 265 232	..	430 225 082	..	120 102 528	383 025 585	837 538 642	574 622 708	970 792	246 998	430 102	677 202
Lahore														
Multan														
Peshawar	00 00	961 232 172	..	..	400 212 145	..	065 082 032	314 512 545	744 815 999	414 730 999	597 845	223 955	413 020	669 130
Quetta	00 00	829 158 038	..	..	..	..	122 092 578	390 502 625	815 595 999	498 708 989	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	978 235 132	910 192 062	900 222 092	881 245 105	800 198 062	350 715 292	250 895 999	..	..	250 895 999	..	..
Lahore													
Multan													
Peshawar	00 00	900 232 178	800 175 112	750 805 999	250 902 999	050 198 999	045 198 999	..	..	..	045 198 999	..	..
Quetta	00 00	800 178 002	790 182 505	..	..	..	..	..	..	..	790 182 505	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd ; Dry Bulb ; Dew Point temperatures (in tenths of °C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	34 01	04 01	02 04	04 05	..	..	..	..	..
Chaklala		..		..					
Chhor	23 08	24 08	19 08	15 06	04 08	05 11	40 06	25 11	27 16
Chittagong	17 04	16 04		..	..	..	..	..	..
Cox's Bazar	15 17	14 19	14 19				..	..	..
Dacca	33 04	16 02	17 07	20 04	20 03	..		..	..
Dalbandin	..	..	29 11	28 23	27 19	28 09	32 21	30 19	31 16
D. I. Khan	..	..	..						
Drosh	..	..	..	24 15	23 20	22 15	19 09	19 12	19 16
Fort Sandeman		..		26 01	25 02	21 03	30 09	32 11	29 17
Jacobabad	21 09	18 08	26 07	26 07	25 09	28 13	31 13	34 16	29 15
Jessore	..								
Jhelum	16 01	14 01	29 04	30 09	32 09	33 10	29 10	25 14	26 18
Jiwani	20 09	18 05	19 02	27 05	36 13	35 20	35 19	34 22	32 22
Karachi	26 17	25 17	30 13	30 09	04 08	04 12	01 21	34 15	31 14
Khanpur	24 14	24 15	25 15	26 14	26 15	22 12	28 09	28 12	26 14
Lahore	26 04	32 04	34 02	34 04	30 06	33 10	31 09	30 10	30 11
Multan	21 07	20 07	22 05	29 06	27 10	26 04	27 09	36 15	26 17
Muscat	..	..	..	..	..	..	..	..	..
Panjgur	..								
Peshawar	..	41 07	27 05	21 09	22 05	29 11	02 27	30 15	30 12
Quetta	..	..		..	28 07	28 10	29 12	29 14	27 16
Sharjah									..
Sylhet	27 03	07 01	08 07	11 06	14 07	17 04	22 09	23 12	..
Veraval	.	..							

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	15 10	16 09	15 09	15 06		
Chaklala	..	08 08	11 07	20 02	26 06	31 09
Chhor	24 22	23 29	20 22	18 21	18 16	19 36
Chittagong	13 09	13 17	15 24	16 29		
Cox's Bazar	14 21	14 28	15 30	15 23	16 22	15 12
Dacca	09 11	10 09	10 06	12 06		..
Dalbandin	..	..	27 12	29 40	35 12	34 18
D. I. Khan			--			
Drosh	..	..		22 02	18 03	20 08
Fort Sandeman	..			22 40	27 10	34 08
Jacobabad	20 23	20 17	21 08	26 07	29 08	30 06
Jessore						
Jhelum	09 05	11 06	36 02	28 04	34 06	33 12
Jiwani	26 05	..				
Karachi	27 19	27 18	28 17	29 23		
Khanpur	25 29	24 37	23 25	26 16	27 11	22 06
Lahore	24 07	24 03	36 03	36 06	36 06	31 11
Multan	22 35	23 30	24 17	25 18	24 12	15 08
Muscat	..		..	..		
Panjgur						
Peshawar	..	36 10	33 07	35 04	23 07	29 04
Quetta		..	..		32 07	32 13
Sharjah						
Sylhet	09 08	09 06	09 03	11 05	17 03	16 05
Veraval						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	12 10	13 07	..	..	..	..	..	..	..	..	..
Chaklala	..	..		..		..	..	..	..		
Chhor					..	..	..	..	..	..	..
Chittagong	12 07	15 11	15 17	15 20		..	..				
Cox's Bazar	12 17	14 17	15 31	16 26						..	..
Dacca	10 08	13 12	13 13	15 12	15 12	14 11	17 13	29 17	..	..	
Dalbandin	..		25 04	32 07	33 12	30 12	27 14	26 23	27 32	27 44	26 47
D. I. Khan	..	..	..	..							
Drosh	..	..	..		04 03	01 02	02 01	13 04	16 03	23 05	18 16
Fort Sandeman				25 03	29 02	33 04	16 08	18 06	19 06	27 29	26 53
Jacobabad	16 04	19 06	19 08	30 06	30 04	04 03	15 07	14 08	14 08	34 11	30 17
Jessore											
Jhelum	09 02	18 05	23 03	31 04	29 04	34 03	25 07	25 16	29 18	25 26	26 51
Jiwani	03 02	07 06	07 08	35 12	33 19	33 25	34 26	32 25	32 35		..
Karachi	25 12	28 12	..	..							
Khanpur	23 19	23 28	22 24	22 14	26 09	24 05	04 06	31 09	30 13	28 23	26 54
Lahore	28 01	24 01	22 05	24 04	32 05	34 12	25 11	27 11	27 13	27 47	26 48
Multan	22 23	23 23	22 19	21 14	20 15	17 11	06 13	36 14	29 16	27 15	26 43
Muscat	..	..	..	..	..	..	..	..	..	..	
Panjgur											
Peshawar	..	04 09	33 07	35 04	23 07	30 08	30 04	30 07	30 08	27 15	25 48
Quetta	..	..		..	32 03	01 03	30 07	28 19	26 24	27 37	26 45
Sharjah			..	..	..	..	..	..	..		..
Sylhet	30 02	34 03	..	..	..	..	..	..			..
Veraval		..	..	..	..		..	..			

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	20.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 19	27 13	28 11	28 16	34 10	35 09	01 15	33 14	28 23	28 27	25 26	23 33	24 27	23 29	21 27	21 26	19 17	
Peshawar ..	—	20 08	30 06	35 06	31 03	31 03	34 07	34 07	34 05	29 04	26 27	20 46	25 75	20 88				
Quetta ..																		

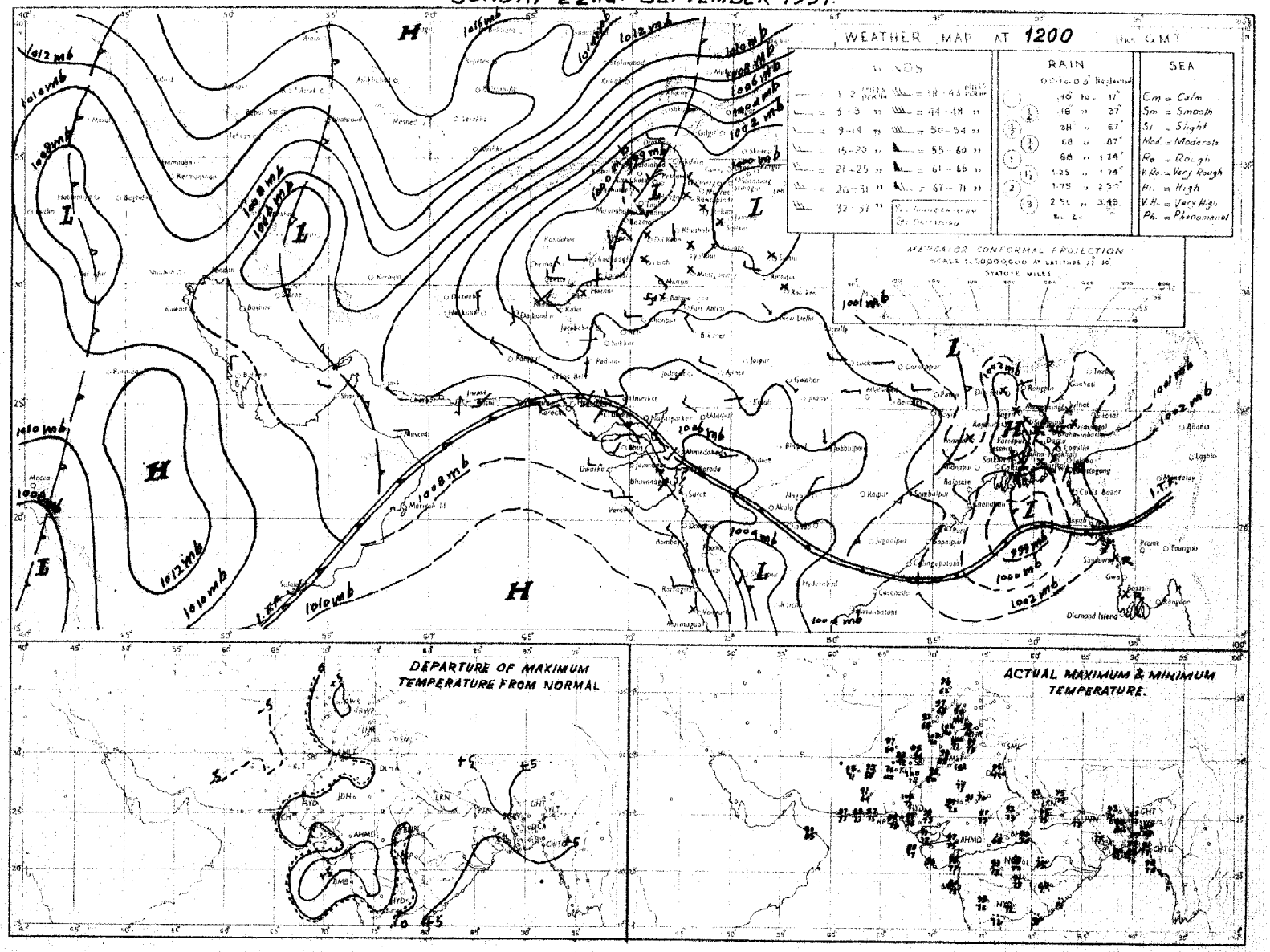
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_fv_f$ etc)

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

PAKISTAN DAILY WEATHER MAP

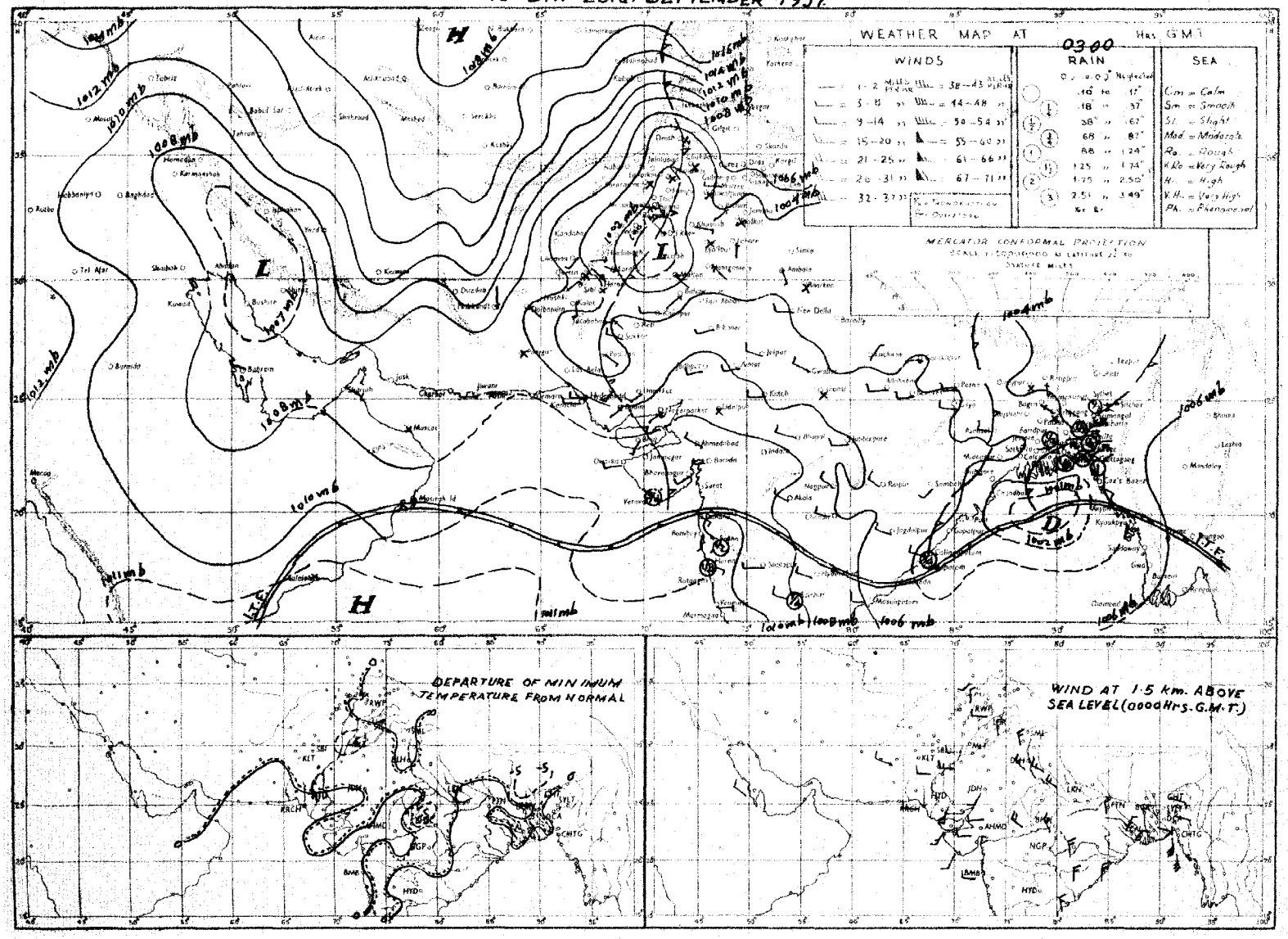
SUNDAY 22nd: SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 23rd: SEPTEMBER 1957



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

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Reg. No. S 1467

PAKISTAN DAILY WEATHER REPORT

TUESDAY, THE 24th SEPTEMBER, 1957.

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

Yesterday's depression in the north Bay of Bengal remained practically stationary and is centred at 24,0300 G.M.T. within half a degree of Latitude 20½°N and Longitude 89°E. It is likely to move northnorthwestwards.

Rain/thundershowers have been fairly widespread in Chittagong and Dacca divisions and scattered in Rajshahi division.

Scattered thunderstorms/showers have also been reported from Rawalpindi and Peshawar divisions.

Chief amounts of rainfall are:—Maijdee Court, Comilla and Barisal 2" each; Bogra 1½"; Chittagong, Sylhet and Dacca ½" each; and Cox's Bazar, Brahmanbaria, Srimangal, Narayanganj, Sirajganj and Rawalpindi ¼" each.

Day temperatures were 2-5°F above normal in Peshawar, Rawalpindi, Lahore and D. I. Khan divisions and were 2-4°F below normal in North Kalat division, and in East Pakistan.

Forecast valid until the evening of 25th:—Fairly widespread rain/thundershowers will occur in East Pakistan. A few thunderstorms/showers are also expected in Peshawar and Rawalpindi divisions and in Kashmir.

Heavy rainfall warning:—Locally moderate to heavy rain will fall in East Pakistan during next 48 hours.

Karachi-11.
The 24th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	016	6	7	16	02	95	60	6	019	79	7	4	6	2	0	62	89
	Chittagong	xxx	5	7	16	09	96	02	6	015	83	5	2	5	2	0	78	89
	Maijdee Court	060	2	8	00	00	96	03	6	005	80	4	5	5	2	x	79	86
	Comilla	086	1	8	00	00	94	60	6	021	78	8	9	4	x	x	78	87
	Brahmanbaria	005	3	5	13	02	97	03	6	023	80	2	5	5	2	0	77	88
	Sylhet	000	0	7	00	00	96	02	2	015	85	5	4	5	6	0	80	87
	Srimangal	026	8	8	13	03	xx	61	6	023	72	8	5	6	x	x	71	89
Dacca	Mymensingh	000	0	8	13	02	98	02	2	018	85	8	7	4	x	x	78	88
	Narayanganj	000	9	8	16	02	95	03	2	015	85	8	4	5	x	x	76	88
	Dacca (Tezgaon)	000	8	7	23	02	97	02	2	011	84	1	2	5	3	1	78	87
	Faridpur	000	8	8	00	00	96	02	2	013	82	8	4	7	x	x	78	86
	Barisal	110	9	8	00	00	94	65	8	034	80	8	7	7	x	x	78	82
Rajshahi	Khulna	000	0	8	09	02	96	03	2	005	81	8	5	6	x	x	78	85
	Satkhira	000	6	6	00	00	96	03	1	011	82	6	6	6	0	0	81	85
	Jessore	000	0	6	09	03	97	02	2	001	84	4	8	6	6	0	78	89
	Sirajganj	000	0	8	18	02	94	03	9	009	86	6	6	5	x	x	77	90
	Bogra	140	7	7	31	02	96	02	9	009	87	7	7	6	0	0	78	89
	Dinajpur	000	0	7	00	00	96	02	2	016	85	0	0	9	2	0	78	93
	Rangpur	000	0	7	18	02	96	03	2	xxx	82	6	5	6	2	0	76	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	03	96	02	0	002	97	0	0	9	0	0	65	01
	Sialkot	000	0	0	00	00	99	00	0	994	99	0	0	9	0	0	66	02
Rawalpindi	Jhelum	000	3	3	00	00	96	03	0	993	97	1	2	7	1	0	65	00
	Rawalpindi	000	0	6	00	00	99	03	0	976	93	6	2	6	0	0	66	99
	Khushab	000	0	1	16	03	98	03	0	xxx	xx	1	9	6	0	0	61	02
Multan	Lyallpur	000	0	0	29	02	96	00	0	986	96	0	0	9	0	0	58	99
	Montgomery	000	0	0	23	02	97	00	0	989	97	0	0	9	0	0	57	98
	Multan	000	0	0	23	02	96	00	0	002	93	0	0	9	0	0	90	98
Bahawalpur	Leiah	000	0	0	00	00	97	00	0	xxx	01	0	0	9	0	0	xx	02
	Khanpur	000	0	0	21	03	96	00	0	999	99	0	0	9	0	0	81	01
	Bahawalpur	000	0	0	00	00	97	00	0	019	95	0	0	9	0	0	69	98
	Fort Abbas	000	0	0	23	02	97	00	0	006	01	0	0	9	0	0	50	05
Peshawar	Chakdara	000	0	4	xx	xx	97	01	0	977	85	0	0	8	1	0	48	95
	Peshawar	000	0	6	27	17	95	17	9	988	94	4	9	6	0	1	39	xx
	Haripur	000	6	3	05	02	97	03	0	975	96	3	2	6	0	0	71	99
	Campbellpur	000	0	0	09	02	99	00	0	025	96	0	0	9	0	0	59	96
D.I. Khan	Bannu	000	0	0	36	02	99	00	0	983	96	0	0	9	0	0	65	99
	D.I. Khan	000	0	0	00	00	98	00	0	989	02	0	0	9	0	0	68	03
Quetta	Sibi	000	0	0	20	00	98	00	0	993	03	0	0	9	0	0	75	04
Kalat	Nokkundi	000	0	0	34	09	99	02	0	027	90	0	0	9	0	0	36	93
	Turbat	000	0	0	23	02	97	00	0	002	02	0	0	9	0	0	75	02
	Jiwani	000	0	2	23	07	96	03	1	034	86	2	5	5	0	0	77	90
	Pasni	000	0	0	23	21	94	07	0	037	86	0	0	9	0	0	77	90
	Ormara	000	0	0	xx	xx	98	00	0	037	84	0	0	9	0	0	81	85
	Las Bela	000	0	0	13	04	97	00	0	018	93	0	0	9	0	0	78	03
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	98	01	1	029	82	2	6	4	0	0	76	85
	Karachi (Air port)	000	0	5	25	12	96	03	2	031	84	5	6	5	0	0	71	88
	Badin	000	0	0	23	02	97	00	0	036	90	0	0	9	0	0	71	94
	Nagarparker	xxx	x	0	20	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	23	03	97	00	0	028	95	0	0	9	0	0	83	97
	Hyderabad	000	0	0	20	12	96	07	0	017	91	0	0	9	0	0	69	96
Khairpur	Pad-i-dan	000	0	1	18	02	98	03	0	000	98	1	1	7	0	0	62	02
	Nawabshah	000	0	1	18	07	96	02	0	011	97	1	1	7	0	0	63	01
	Sukkur	000	0	0	25	02	96	00	0	998	97	0	0	9	0	0	69	99
	Kashmore																	
	Jacobabad	000	0	0	13	05	97	02	0	008	96	0	0	9	0	0	71	99
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	13	02	99	00	0	046	89	0	0	9	0	0	81	92
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	044	55	0	0	9	0	0	24	65
Rawalpindi	Aliabad *																	
	Gilgit *																	
	Murree *	000	8	5	31	05	97	17	1	446	70	5	3	3	0	0	51	73
Peshawar	Drosh *	005	4	7	00	00	96	17	9	461	73	7	9	6	0	0	35	88
	Cherat *	000	0	3	18	02	96	03	0	450	82	0	0	9	0	2	44	88
	Kakul *	000	1	2	25	03	98	17	9	448	84	2	3	7	0	0	47	87
	Landi Kotal *	000	0	7	02	03	97	03	1	442	81	7	0	9	5	0	77	88
D.I. Khan	Parachinar *	000	0	3	15	02	99	02	0	393	76	0	0	9	0	0	22	xx
	Miranshah *	000	0	0	05	02	99	00	0	476	91	0	0	9	0	0	60	95
	Wana *																	
Quetta	Fort Sandeman *	000	0	0	23	02	96	00	0	447	89	0	0	9	0	0	37	90
	Hindubagh *	000	0	0	27	05	98	00	0	428	82	0	0	9	0	0	41	84
	Loralai *	000	0	2	13	02	98	02	1	432	83	0	0	9	3	0	36	86
	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	27	12	97	01	1	448	81	1	1	7	0	0	50	83
	Chaman *	000	0	0	23	02	98	00	0	452	82	0	0	9	0	0	75	85
Kalat	Kalat *	000	0	0	31	05	98	00	0	449	72	0	0	9	0	0	25	79
	Nushki *	000	0	0	36	09	96	00	0	537	89	0	0	9	0	0	14	90
	Dalbandin *	000	0	0	23	03	97	02	0	459	90	0	0	9	0	0	18	92
	Panjgur *	000	0	0	31	05	98	00	0	471	87	0	0	9	0	0	61	91
Afghanistan	Kabul *	000	0	5	20	02	90	03	0	503	73	5	3	2	0	0	48	84
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	018	9	6	16	07	96	02	6	045	84	2	4	7	7	7	77	78	+ 2	+ 2	112.0	+ 5.2	122.9	140
Chittagong	049	9	5	13	02	97	02	6	049	84	2	2	7	2	0	78	78	+ 2	+ 2	68.2	− 7.1	75.6	108
Maijdee Court	180	6	7	11	02	98	01	2	046	84	2	2	5	4	2	78	79	− 1	+ 1	63.5	− 18.7	73.4	116
Comilla	220	8	8	00	00	97	50	9	061	80	8	9	4	x	x	78	77	− 1	0	47.6	− 13.7	59.4	94
Brahmanbaria	033	0	6	09	02	97	03	2	056	83	2	5	5	4	0	77	78	—	—	41.0	+ 5.4	56.8	78
Sylhet	042	9	6	09	06	96	01	6	056	80	3	4	5	7	0	77	77	—		6.9		119.4	
Srimangal	036	7	7	05	02	97	02	4	063	84	5	4	6	3	0	78	77	− 2	+ 2	41.4	− 15.6	88.0	98
Mymensingh	000	0	8	09	02	98	02	2	058	80	8	4	4	x	x	77	78	+ 1	+ 1	21.0	− 40.0	61.7	91
Narayanganj	029	9	8	09	05	95	03	6	051	82	8	7	5	x	x	79	79	− 3	+ 2	49.6	− 11.3	63.7	[illegible]
Dacca (Tezgaon)	053	9	8	09	05	97	02	6	043	83	5	4	3	2	x	79	71	—	—	44.9	—	59.8	[illegible]
Faridpur	006	9	8	11	02	96	03	6	042	82	8	5	6	x	x	79	78	− 1	0	38.4	− 7.1	50.1	[illegible]
Barisal	190	9	8	00	00	95	03	6	039	82	8	8	9	x	x	81	76	− 5	− 2	42.5	− 12.3	59.5	[illegible]
Khulna	000	0	7	05	03	97	01	2	041	85	7	5	6	0	0	80	80	− 2	+ 3	36.9	− 10.3	44.9	[illegible]
Satkhira	000	0	8	00	00	96	03	2	036	83	8	6	6	x	x	82	79	− 4	+ 2	35.8	− 8.7	51.5	[illegible]
Jessore	000	3	8	13	05	97	03	5	039	83	8	5	6	x	x	82	79	—	—	36.8	− 5.7	40.1	[illegible]
Sirajganj	618	9	8	00	00	96	02	6	029	81	8	7	6	x	x	78	78	+ 3	0	54.6	+ 11.2	64.2	64
Bogra	150	7	6	09	03	97	02	6	042	80	6	4	6	0	0	79	77	+ 1	0	56.3	+ 8.3	63.8	[illegible]
Dinajpur	000	2	3	00	00	96	01	2	054	84	0	0	9	2	0	77	72	+ 5	− 5	41.2	− 6.8	44.4	72
Rangpur	000	0	6	09	02	96	01	2	xxx	84	5	4	6	2	0	78	77	—	—	44.5	− 14.8	53.3	84
Jammu																							
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	045	79	0	0	9	0	0	67	72	+ 3	+ 2	16.7	+ 2.4	25.4	19
Sialkot	000	0	0	00	00	97	00	0	037	81	0	2	9	0	0	62	75	+ 7	+ 3	21.9	− 1.3	45.1	33
Jhelum	000	7	0	31	02	97	02	3	046	79	0	0	9	0	0	57	69	—	+	16.7	—	27.3	[illegible]
Rawalpindi	025	9	0	00	00	99	01	9	057	70	0	0	9	0	0	61	65	+ 6	− 2	14.6	− 8.5	30.6	[illegible]
Khushab	000	0	0	09	02	98	00	0	049	84	0	0	9	0	0	56	67	+ 3	− 7	8.2	− 26.6	17.0	[illegible]
Lyallpur	000	0	0	25	02	96	00	0	047	80	0	0	9	0	0	61	70	+ 1	+ 2	10.1	+ 1.0	16.2	[illegible]
Montgomery	000	0	0	13	02	97	00	0	037	76	0	0	9	0	0	61	68	− 1	+ 6	6.4	+ 0.9	10.2	[illegible]
Multan	000	0	0	13	02	96	00	0	026	74	0	0	9	0	0	63	67	0	+ 8	0.7	− 4.1	4.1	[illegible]
Leiah	000	0	0	00	00	96	00	0	xxx	72	0	0	9	0	0	xx	68	—	—	—	—	—	[illegible]
Khanpur	000	0	0	23	03	96	00	0	052	80	0	0	9	0	0	77	75	0	+ 1	0.2	− 3.6	1.3	6
Bahawalpur	000	0	0	03	00	97	00	0	047	81	0	0	9	0	0	72	74	− 1	+ 2	1.3	− 2.9	2.5	8
Fort Abbas																							
Chakdara	000	0	2	00	00	97	01	0	055	65	2	2	7	0	0	57	48	—	—	2.7	—	17.5	..
Peshawar	000	0	0	00	00	98	01	9	056	76	0	0	9	0	0	54	68	x	− 1	1.9	− 2.4	13.0	14
Haripur	000	2	1	23	02	98	01	0	043	77	1	1	6	0	0	51	69	—	—	7.9	—	11.9	..
Campbellpur	000	0	0	00	00	98	00	0	068	77	0	0	9	0	0	59	66	—	—	5.7	—	21.1	..
Bannu	000	0	0	00	00	99	00	0	050	79	0	0	9	0	0	67	70	—	—	2.4	—	9.5	11
D.I. Khan	000	0	0	00	00	97	00	0	025	76	0	0	9	0	0	61	70	+ 4	− 3	2.3	− 3.1	7.8	10
Sibi	000	0	0	00	00	99	00	0	041	79	0	0	9	0	0	68	78	—	—	1.1	—	6.2	5
Nokkundi	000	0	0	34	05	99	02	0	075	76	0	0	9	0	0	24	71	—	—	0	—	1.9	2
Turbat	000	0	0	00	00	98	00	0	057	91	0	0	9	0	0	71	82	—	—	2.5	—	5.9	..
Jiwani	000	0	2	13	02	96	01	0	063	80	2	6	4	0	0	77	78	—	—	0	—	3.1	4
Pasni	000	0	0	27	03	95	00	0	060	75	0	0	9	0	0	74	70	—	− 2	0	− 0.9	6.2	8
Ormara	000	0	0	00	00	96	42	4	060	75	0	0	9	0	0	75	74	0	—	0	− 0.8	3.8	6
Las Bela	000	0	0	00	02	98	00	0	051	82	0	0	9	0	0	76	75	—	—	1.5	—	2.6	8
Karachi (Manora)	000	0	6	27	07	97	01	2	055	80	6	0	9	3	0	74	77	0	+ 1	0.6	− 5.4	1.1	8
Karachi (Air port)	000	0	7	25	03	96	02	1	056	80	7	6	5	0	0	69	76	—	—	0.9	—	1.0	9
Badin	000	3	2	23	02	96	00	3	079	78	0	7	9	0	0	72	xx	− 1	x	3.6	− 3.5	3.6	[illegible]
Nagarparker	xxx	x	6	27	02	97	02	0	xxx	xx	6	0	9	6	0	xx	xx	—	x	—	—	—	[illegible]
Umarkot	000	0	0	23	01	97	00	0	048	76	0	0	9	0	0	73	73	—	—	4.7	—	4.7	[illegible]
Hyderabad	000	0	0	20	09	97	02	0	046	79	0	0	9	0	0	73	75	− 2		0.9	− 5.1	2.9	[illegible]
Pad-i-dan	000	0	0	13	02	98	02	0	046	76	0	0	9	0	0	70	73	—	—	0.1	—	1.4	[illegible]
Nawabshah	000	0	0	18	02	97	02	0	048	78	0	0	9	0	0	71	73	—	—	—	—	—	[illegible]
Sukkur	000	0	0	13	02	96	00	0	043	78	0	0	9	0	0	71	75	—	—	0.1	—	2.9	[illegible]
Kashmore																							
Jacobabad	000	0	0	00	00	97	02	0	052	83	0	0	9	0	0	73	76	− 3	+ 1	0	− 2.3	3.5	[illegible]
Veraval																							
Jalalabad																							
Muscat	000	0	0	00	00	99	00	0	061	88	0	0	9	0	0	83	83	+ 1	0	0	− 0.1	6.9	[illegible]
Kuwait																							
HILL STATIONS																							
Srinagar *																							
Gulmarg **																							
Sonamarg **																							
Dras **																							
Leh **																							
Skardu *																							
Misgar **																		—					..
Aliabad *																							
Gilgit *																							5
Murree *	010	9	1	02	05	98	01	9	466	66	1	0	9	8	0	41	55	+ 3	+ 1	24.3	− 10.5	58.0	59
Drosh *	005	9	0	00	00	96	01	9	483	61	0	0	9	0	0	39	59	—	—	2.1	—	24.3	18
Cherat *	000	0	0	31	03	96	00	0	476	69	0	0	9	0	0	49	64	+ 4	0	4.8	− 7.0	25.5	29
Kakul *	009	0	1	34	03	90	01	9	472	69	1	2	8	0	0	49	64	—	—	14.2	—	41.8	..
Landi Kotal *	000	0	0	08	00	97	00	2	467	78	0	0	9	0	0	49	60	—	—	1.1	—	15.3	..
Parachinar *	000	0	0	00	00	99	00	0	794	52	0	0	9	0	0	36	xx	x	—	6.7	—	25.8	29
Miranshah *	000	0	0	00	00	99	00	0	501	75	0	0	9	0	0	55	68	—	—	3.1	− 1.5	15.4	[illegible]
Wana *	000	0	0	00	00	99	00	0	587	68	0	0	9	0	0	43	59	—	—	1.4	—	13.5	[illegible]
Fort Sandeman *	000	0	0	00	00	96	00	0	476	70	0	0	9	0	0	35	57	− 2	− 6	2.4	− 2.5	12.9	14
Hindubagh *	000	0	0	27	02	99	00	0	479	59	0	0	9	0	0	28	53	—	—	0	—	12.3	..
Loralai *	000	0	0	27	02	98	00	0	453	59	0	0	9	0	0	29	54	—	—	1.9	—	10.7	[illegible]
Harnai *	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	x	—	2.0	− 5.3	14.3	14
Quetta *	000	0	0	23	02	96	00	0	472	55	0	0	9	0	0	37	41	—	—	0	− 1.0	9.5	9
Chaman *	000	0	0	25	05	97	00	0	488	73	0	0	9	0	0	65	58	− 4	− 3	0	− 0.2	10.2	[illegible]
Kalat *	000	0	0	18	03	98	00	0	493	56	0	0	9	0	0	14	42	− 2	− 4	0	− 1.2	8.4	[illegible]
Nushki *	000	0	0	36	05	97	00	0	541	68	0	0	9	0	0	31	65	—	—	0	—	8.1	[illegible]
Dalbandin *	000	0	0	00	00	95	05	0	452	57	0	0	9	0	0	22	54	+ 4	− 4	0	− 0.3	4.4	[illegible]
Panjgur *	000	0	0	23	03	98	00	0	474	67	0	0	9	0	0	51	63	− 3	0	0	—	4.2	[illegible]
Kabul *	000	0	0	36	00	98	00	0	545	60	0	0	9	0	0	43	43	—	—	—	—	—	12
Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day.

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY, THE ... SEPTEMBER, ...

WIRELESS REPORTS FROM SHIPS

SHIPS IN	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 a PP	8 $N_sC h_sh_s$	O T_sT_s T_dT_d	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Bedford	23 218	628 00	0 23 14	98 02 0	061 79	00 9 00	1 5 300		0 81 xx	1 22 2x
Udomaru	24 131	735 00	6 05 14	97 01 0	070 81	33 5 40	3 5 620	..	0 02 xx	..
Karanja	23 193	605 00	3 23 18	98 01 0	082 79	31 3 00	1 4 719		0 81 70	1 23 42
City of Bedford	23 328	641 06	5 34 14	97 02 1	068 82	53 7 00	1 5 801		0 00 xx	1 24 24
Karanja	23 205	617 06	3 24 18	98 02 0	101 82	31 4 00	1 6 105	..	0 02 75	1 24 42
Esso Rotterdam	23 250	577 06	0 33 06	98 02 0	072 90	00 9 00	7 5 212		0 02 66	1 33 21
Macome Shigy	23 257	572 12	1 34 05	98 10 0	031 93	00 9 20		..	..	..
Sirrah	23 247	646 12	5 26 12	98 02 2	052 82	40 6 82	8 5 718		0 50 79	1 25 32
City of Bedford	23 236	653 12	4 35 14	98 02 1	024 85	42 7 00	1 5 826	..	0 02 xx	1 23 32
Jalvishnu	23 242	661 18	3 27 09	99 02 0	048 81	22 6 00		..	..	..
Sirrah	23 247	630 18	5 26 10	98 02 2	081 82	81 6 00	6 5 121	..	0 51 77	1 24 22

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	004 250 250	059 245 245	..	465 222 115	..	142 132 012	418 015 708	886 522 752	630 602 999	978 740	262 948	448 080	894 182
Lahore														
Multan														
Peshawar	00 00	Misda												
Quetta	00 00	828 092 505	Misda											

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TT
1	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	900 205 188	840 228 105	800 198 078	664 118 502	350 622 999	250 832 999	064 260 999	..	..	064 260 999	..	
Lahore													
Multan													
Peshawar	00 00	Misda											
Quetta	00 00	Misda											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of 9C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T.† of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION.	2	3	4	5	6	7	8	9	10
Bogra	08 06	10 09	..	..	..	..	..		..
Chaklala									
Chhor	22 13	23 13	24 07	29 04	25 08	35 12	35 10	32 17	29 25
Chittagong	14 11	15 18	16 26	16 31	..	..		..	..
Cox's Bazar	No	ascent							
Dacca	15 04	15 08	16 09	14 07	16 09	17 08	20 15	20 13	18 06
Dalbandin	..	..	23 09	25 08	26 07	31 11	29 17	30 22	30 20
D. I. Khan									
Drosh	..	..	..	21 09	16 04	15 04			
Fort Sandeman				25 08	25 08	21 11	19 06	21 04	30 04
Jacobabad	11 07	18 04	16 03	21 01	21 03	24 03	32 10	24 05	26 19
Jessore									
Jhelum	20 09	21 13	20 13	19 07	18 07	31 04	32 09	33 10	32 08
Jiwani	21 13	22 09	24 05	33 12	34 25	34 29	34 19	34 28	33 40
Karachi	24 19	25 15							
Khanpur	23 17	23 15	23 14	19 17	19 17	19 09	36 06	36 08	34 10
Lahore	27 05	25 06	23 04	20 03	12 02	31 08	33 15	30 13	25 13
Multan	22 13	22 15	21 13	19 13	18 11	11 09	31 15	28 24	27 24
Muscat									
Panjgur									
Peshawar									
Quetta					27 05	23 07	26 11	26 22	27 26
Sharjah									
Sylhet	24 07	27 08	26 09	28 06	20 07	22 12			
Veraval									

At 0000 hrs. G.M.T. † of date (dd ff) / At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	11 22	11 15	..	..	..	..	11 09	..	..	..	..	..	..	..	..	..	..
Chaklala																	
Chhor	23 22	23 24	22 23	24 09	29 04												
Chittagong	15 19	15 19					11 05	16 14	16 19	16 22	16 15	16 17	19 17				
Cox's Bazar	14 23	16 23	16 23	16 17	17 13	19 11	15 16	15 23	15 23	15 27							
Dacca	15 10	16 14	17 13	16 10	17 11	18 15	12 11	14 14	15 16	14 12	15 14	16 16					
Dalbandin			26 03	36 04	35 07	31 06			14 02	04 01	03 02	03 03	33 18	31 19	29 38	25 42	26 61
D. I. Khan																	
Drosh				20 01	22 02	03 01					33 06	20 02	19 04	25 08	29 07	28 09	22 08
Fort Sandeman				25 05	36 05	19 01				02 01	02 03	17 09	21 08	19 03	10 05	25 14	26 29
Jacobabad	18 17	20 13	21 06	20 06	27 02	27 08	15 08	17 06	14 06	14 06	07 04	01 06	08 11	24 04	24 17	29 15	26 43
Jessore																	
Jhelum	31 09	35 05	21 05	25 11	26 10	29 14	30 04	27 06	23 06	28 07	29 07	28 07	33 08	29 08	25 09	24 20	25 47
Jiwani	12 02	07 15	05 17	04 17			07 06	04 12	04 11	36 07	36 19	32 37	32 21	32 22			
Karachi	27 14	27 17	28 14	33 08	32 10		25 11	28 11	31 06								
Khanpur	24 22	24 19	25 13	24 12	17 08	12 08	22 13	20 10	18 05	18 07	12 10	07 13	13 04	22 07	25 17	25 38	28 48
Lahore	06 15	02 08	29 06	30 15	28 19	27 12	29 07	29 11	30 15	31 18	31 12	31 12	36 09	25 12	24 22	24 29	28 50
Multan	22 19	21 18	22 17	22 06	22 06	17 17	25 13	23 18	22 19	21 14	20 12	15 13	05 15	23 10	22 17	24 21	26 45
Muscat																	
Panjgur																	
Peshawar		12 10	13 07	14 10	12 02	21 03		23 03	34 03	33 02	26 25	25 07	26 16	25 13	11 19	29 21	24 41
Quetta					24 01	29 07					18 04	15 09	23 07	28 12	27 18	27 32	25 41
Sharjah																	
Sylhet	11 06	16 06	20 14	20 17			08 06	10 05	17 07	18 08	17 06	20 09					
Veraval																	

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	[illegible]	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	26 16	26 16	32 15	32 10	32 09	30 04	35 07	34 15	30 27	28 29	26 39	35 40	26 30	25 29	25 34	24 44	24 54	23 32
Peshawar	Misda																	
Quetta																		

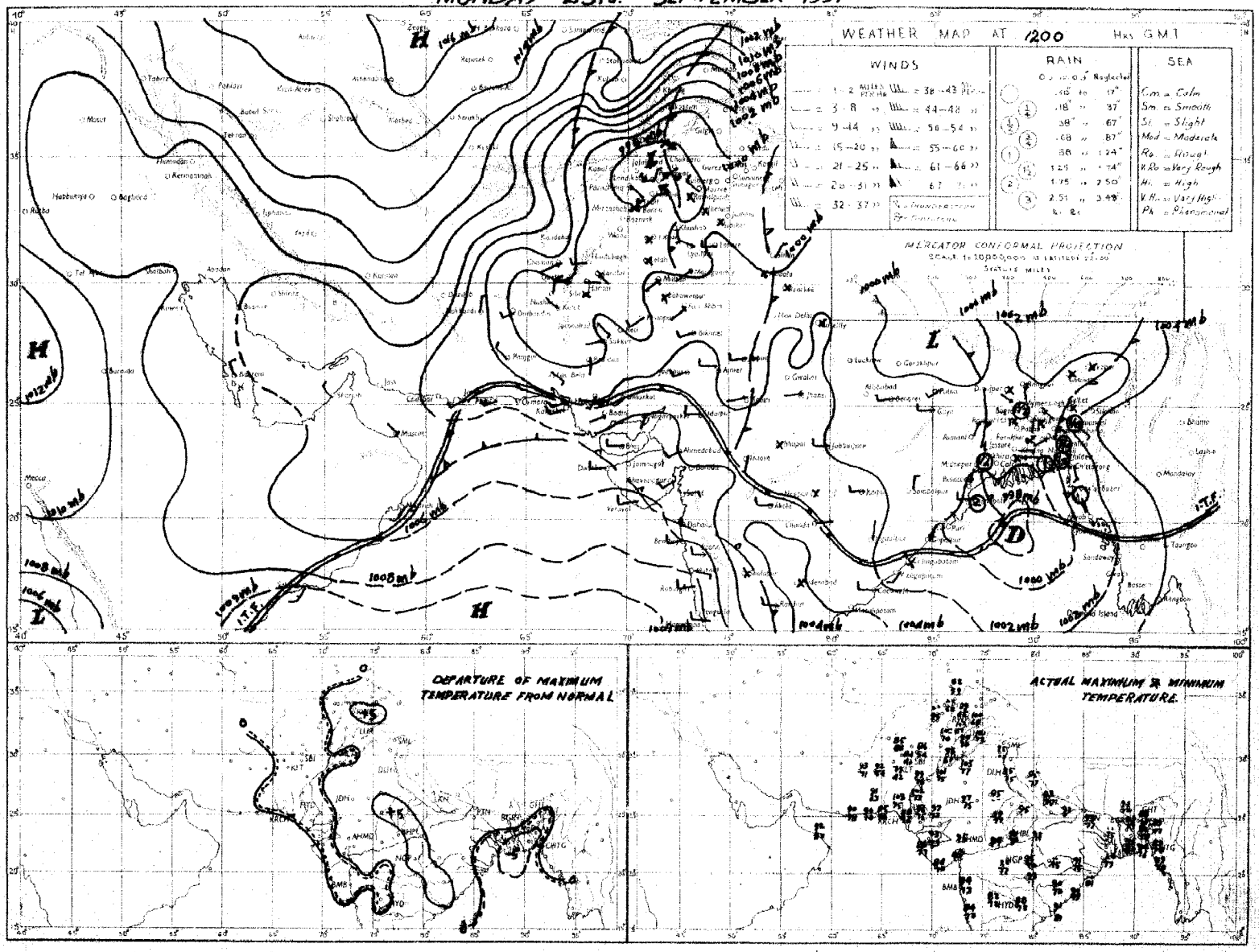
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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

PAKISTAN DAILY WEATHER MAP

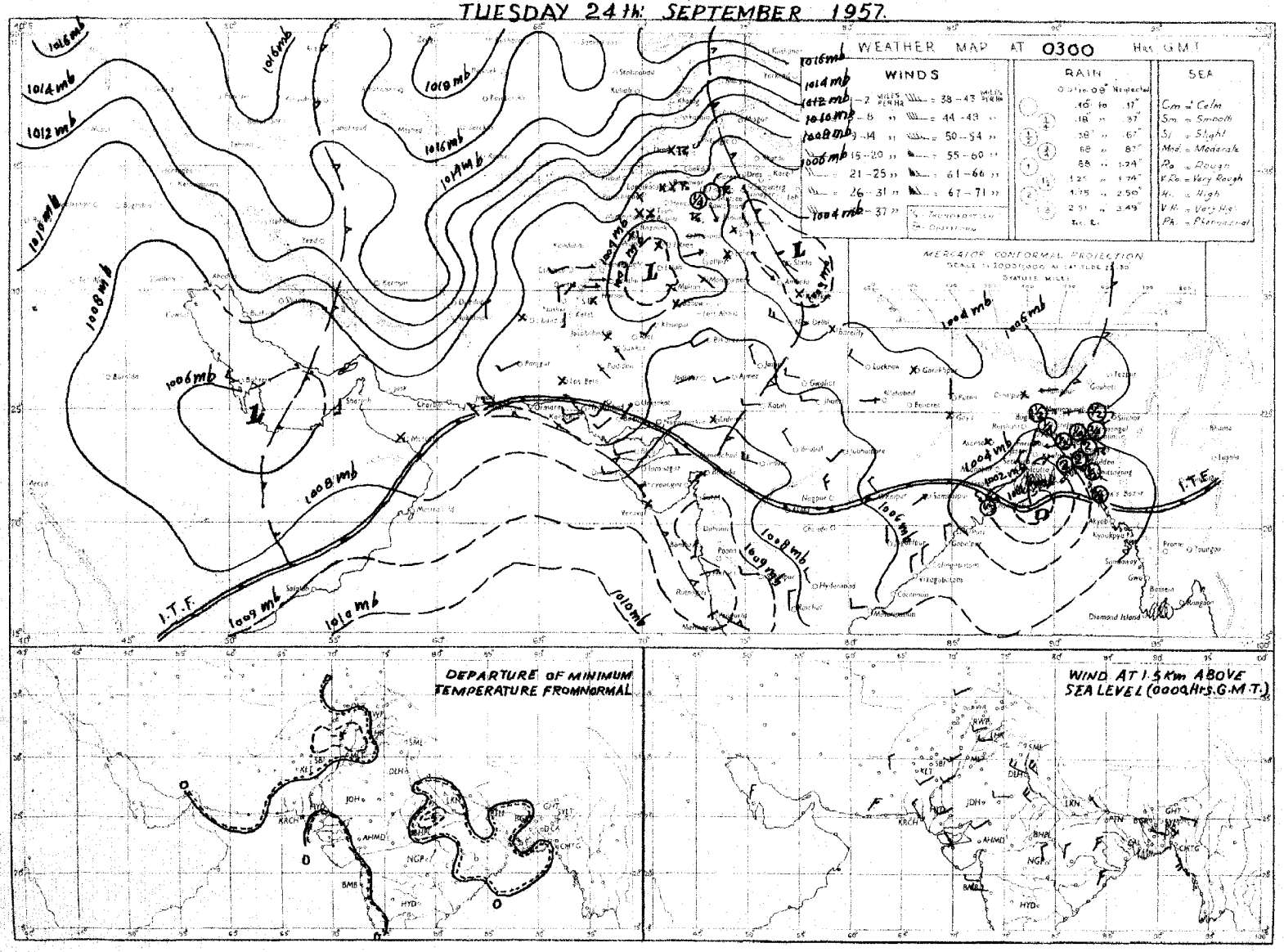
MONDAY 23rd. SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 24th SEPTEMBER 1957.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

WEDNESDAY, THE 25th SEPTEMBER, 1957

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

Yesterday's depression has moved northwards, crossed coast, weakened and is centred as a shallow depression at 25,0300 G.M.T. within half a degree of Latitude 22°N and Longitude 89°E. It is likely to move northnortheastwards and weaken.

Rain/thundershowers have been fairly widespread in Dacca division and local in Chittagong and Rajshahi divisions.
Chief amounts of rainfall are:—Khulna 3"; Satkhira, Jessore and Bogra ½" each; Cox's Bazar ¼" and Sylhet, Dacca, Faridpur, Barisal and Dinajpur ¼" each.

Day temperatures were 2-5°F below normal in Quetta, north Kalat, Khairpur and Hyderabad divisions and 3-10°F above normal along coast of south Kalat division.

Forecast valid until the evening of 26th:—Fairly widespread rain/thundershowers with a few moderate to heavy falls will occur in East Pakistan. A few thunderstorms/showers are also likely in Peshawar, Rawalpindi divisions and in Kashmir.

Earth Quake Report:—Siesmograph of Pak. Met. Deptt. has recorded an earth quake of severe intensity at Geophysical Observatory Quetta with its epicentre about 4200 miles South East of Quetta probably near Celebas Island at 13 Hours 31 Minutes 27 seconds W.P.S.T. on 24th Sept. 1957.

Karachi-11.
The 25th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day (columns 3–19)

Divisions	Station	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	024	4	6	16	05	95	51	9	034	81	5	3	6	8	0	78	90
	Chittagong	xxx	5	7	16	09	96	02	6	022	82	5	4	5	2	0	80	88
	Maijdee Court	000	9	8	13	02	97	01	2	024	85	2	4	5	2	x	79	88
	Comilla	000	0	4	00	00	96	03	0	025	85	4	2	5	0	0	79	89
	Brahmanbaria	000	0	2	00	00	97	01	2	029	85	2	5	5	0	0	78	91
	Sylhet	000	0	2	00	00	97	01	2	022	85	2	0	9	7	0	79	90
	Srimangal	000	0	5	00	00	96	03	2	018	83	5	5	6	0	0	79	90
Dacca	Mymensingh	015	3	8	00	00	96	21	6	030	82	8	4	4	x	x	81	85
	Narayanganj	000	9	8	31	02	95	03	2	022	83	2	4	7	6	0	79	87
	Dacca (Tezgaon)	010	3	8	00	00	97	91	9	023	80	4	9	5	2	x	79	87
	Faridpur	017	3	8	00	00	95	97	6	022	80	8	3	6	x	x	79	86
	Barisal	015	6	8	00	00	94	64	6	020	83	6	7	7	9	x	79	88
Rajshahi	Khulna	062	3	8	00	00	96	03	6	025	79	8	5	5	x	x	78	85
	Satkhira	085	6	8	00	00	96	03	6	016	80	8	4	6	x	x	79	87
	Jessore	000	6	8	09	03	96	05	5	023	80	8	4	5	x	x	80	86
	Sirajganj	064	3	8	00	00	93	63	9	017	79	7	8	9	0	8	71	[illegible]
	Bogra	175	5	7	00	00	96	02	9	011	79	7	7	5	0	0	78	87
	Dinajpur	000	2	7	00	00	96	02	2	023	88	7	0	9	2	0	78	92
	Rangpur	000	0	5	11	02	96	03	2	xxx	85	5	5	6	0	0	79	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	96	02	0	023	95	0	0	9	0	0	61	98
	Sialkot	000	0	0	23	02	97	00	0	012	95	0	0	9	0	0	60	99
Rawalpindi	Jhelum	000	0	1	23	02	97	02	0	014	95	1	1	8	0	0	64	98
	Rawalpindi	000	0	1	00	00	99	02	0	040	93	1	2	6	0	0	62	95
	Khushab	000	0	0	09	02	98	00	0	018	96	0	0	9	0	0	62	00
Multan	Lyallpur	000	0	0	29	02	96	00	0	022	99	0	0	9	0	0	51	01
	Montgomery	000	0	0	23	02	97	00	0	027	97	0	0	9	0	0	65	00
	Multan	000	0	0	23	05	96	00	0	022	98	0	0	9	0	0	87	99
Bahawalpur	Leiah	000	0	1	00	00	97	04	0	xxx	98	0	0	9	0	0	xx	98
	Khanpur	000	0	0	18	03	96	00	0	018	98	0	0	9	0	0	80	01
	Bahawalpur	000	0	4	00	00	97	00	0	038	98	0	0	9	0	0	72	00
	Fort Abbas	000	0	0	23	02	97	00	0	019	00	0	0	9	0	0	56	03
Peshawar	Chakdara	000	0	0	00	xx	98	00	0	991	90	0	0	9	0	0	60	92
	Peshawar	000	0	5	05	02	97	03	1	011	87	4	9	6	3	0	57	95
	Haripur	000	3	1	13	02	97	01	0	001	95	1	1	6	0	0	50	97
	Campbellpur	000	0	0	00	00	98	00	0	023	96	0	0	9	0	0	52	96
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	020	91	0	0	9	0	0	63	98
	D.I. Khan	000	6	2	00	00	98	03	0	009	98	0	0	9	0	3	69	99
Quetta	Sibi	000	2	1	00	00	99	03	1	010	02	1	0	9	3	0	73	03
Kalat	Nokkundi	000	0	0	34	05	98	02	0	034	09	0	0	9	0	0	18	92
	Turbat	000	0	0	00	00	97	00	0	020	02	0	0	9	0	0	57	06
	Jiwani	000	0	0	20	07	97	02	0	037	96	0	0	9	0	0	73	89
	Pasni	000	0	0	23	21	96	01	0	043	89	0	0	9	0	0	76	00
	Ormara	000	0	0	xx	xx	98	00	0	042	92	0	0	9	0	0	83	94
	Las Bela	000	0	0	09	04	98	00	0	022	96	0	0	9	0	0	76	05
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	98	02	0	035	83	2	6	4	0	0	77	86
	Karachi (Air port)	000	0	4	20	10	97	02	2	043	84	4	5	5	0	0	71	88
	Badin	000	0	0	23	02	97	00	0	057	90	0	0	9	0	0	65	92
	Nagarparkar	xxx	x	0	00	00	98	02	1	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	23	03	97	00	0	022	96	0	0	9	0	0	73	97
	Hyderabad	000	0	0	20	09	97	02	0	034	91	0	0	9	0	0	69	95
Khairpur	Pad-i-dan	000	0	0	23	05	98	02	0	023	98	0	0	9	0	0	63	99
	Nawabshah	000	0	0	18	03	97	02	0	030	95	0	0	9	0	0	60	97
	Sukkur	000	0	0	27	02	96	00	0	021	96	0	0	9	0	0	69	98
	Kashmore																	
	Jacobabad	000	0	0	13	05	97	02	0	029	96	0	0	9	0	0	66	98
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	36	02	99	00	0	048	90	0	0	9	0	0	79	93
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	0	00	00	98	00	1	460	68	0	0	9	0	0	51	71
Peshawar	Drosh *	000	4	6	23	07	96	03	1	453	83	4	6	4	0	0	38	93
	Cherat *	000	0	0	13	02	97	00	0	470	84	0	0	9	0	0	46	86
	Kakul *	000	7	1	18	03	98	01	0	465	81	1	2	7	0	0	50	89
	Landi Kotal *	000	0	6	34	03	97	03	0	456	81	6	0	9	2	0	32	88
D.I. Khan	Parachinar *	000	0	0	36	02	99	00	0	793	79	0	0	9	0	0	38	xx
	Miranshah *	000	0	2	05	02	99	02	0	492	84	2	0	9	2	0	59	89
	Wana *	000	2	5	34	02	99	00	1	457	78	5	2	8	0	0	40	86
Quetta	Fort Sandeman *	000	0	0	23	05	96	00	0	457	84	0	0	9	0	0	35	89
	Hindubagh *	000	0	0	27	02	98	00	0	444	72	0	0	9	0	0	41	74
	Loralai *	000	0	2	09	02	98	02	1	438	83	2	0	9	3	0	40	65
	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	27	09	97	02	0	457	81	0	0	9	0	0	45	83
	Chaman *	000	0	0	20	05	98	00	0	469	82	0	0	9	0	0	21	86
Kalat	Kalat *	000	0	0	29	07	98	00	0	462	72	0	0	9	0	0	35	75
	Nushki *	000	0	0	31	05	96	00	0	522	89	0	0	9	0	0	50	89
	Dalbandin *	000	0	0	20	03	96	02	0	476	90	0	0	9	0	0	29	93
	Panjgur *	000	0	0	31	03	98	00	0	473	86	0	0	9	0	0	61	87
Afghanistan	Kabul *	000	0	0	36	00	99	00	0	502	74	0	0	9	0	0	40	81
	Kandahar *																	

At 0300 Hrs. G.M.T. of date (columns 20–36)

Station	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	061	9	8	16	07	94	63	9	077	78	0	4	6	2	x	77	78
Chittagong	xxx	0	4	11	09	97	01	1	058	85	2	1	7	1	0	79	79
Maijdee Court	000	6	8	00	00	98	00	2	040	82	2	1	6	2	x	79	80
Comilla	000	0	8	00	00	97	03	2	055	82	8	9	4	x	9	79	77
Brahmanbaria	000	0	4	13	02	97	03	2	057	85	4	0	9	2	0	78	81
Sylhet	023	4	8	09	02	95	61	9	054	79	3	5	5	x	x	78	78
Srimangal																	
Mymensingh	015	0	8	09	02	98	02	2	061	82	8	7	4	x	x	77	78
Narayanganj	005	9	8	09	05	95	03	2	053	83	6	7	4	7	x	79	81
Dacca (Tezgaon)	019	4	8	11	05	97	02	9	047	84	4	5	4	2	x	80	80
Faridpur	028	3	8	13	05	96	03	9	050	84	8	5	6	0	0	81	79
Barisal	031	4	6	00	00	95	03	5	056	87	6	7	9	0	0	81	80
Khulna	130	0	8	00	00	97	03	2	035	82	8	5	6	x	x	81	79
Satkhira	005	2	8	00	00	96	03	6	032	83	x	x	6	x	x	82	78
Jessore	086	9	8	09	05	56	03	6	035	xx	8	2	9	5	4	xx	77
Sirajganj	465	9	6	00	00	95	02	5	049	83	8	7	5	x	x	79	78
Bogra	226	7	7	05	02	97	02	6	051	80	7	0	6	0	0	80	76
Dinajpur	021	2	8	00	00	96	02	2	055	82	6	4	7	2	0	78	72
Rangpur	005	0	5	13	02	96	01	2	xxx	85	5	5	6	0	0	79	79
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	058	79	0	0	9	0	0	62	70
Sialkot	000	0	0	05	02	97	00	0	058	78	0	0	9	0	0	65	70
Jhelum	000	0	0	31	02	96	02	0	057	76	0	0	9	0	0	62	68
Rawalpindi	000	0	0	00	00	92	00	1	034	74	0	0	9	0	0	54	64
Khushab	000	0	0	20	02	98	00	0	054	84	0	0	9	0	0	65	69
Lyallpur	000	0	0	34	02	96	00	0	063	78	0	0	9	0	0	63	69
Montgomery	000	0	0	13	02	97	00	0	044	78	0	0	9	0	0	64	70
Multan	000	0	0	13	02	96	00	0	061	80	0	0	9	0	0	62	67
Leiah	000	0	0	00	09	97	00	0	xxx	67	0	0	9	0	0	xx	xx
Khanpur	000	0	0	21	04	96	00	0	060	80	0	0	9	0	0	76	73
Bahawalpur	000	0	1	00	00	97	00	0	062	82	1	0	9	0	2	67	72
Fort Abbas	000	0	0	23	03	97	00	0	069	90	0	0	9	0	0	67	75
Chakdara	000	0	0	05	xx	97	00	0	058	70	0	x	9	x	x	53	50
Peshawar	000	0	0	15	03	98	02	0	053	76	0	0	9	0	0	53	69
Haripur	000	0	0	27	02	98	00	0	050	00	0	0	9	0	0	63	69
Campbellpur	000	0	0	13	02	98	00	0	059	77	0	0	9	0	0	55	67
Bannu	000	0	0	31	02	99	00	0	058	80	0	0	9	0	0	61	73
D.I. Khan	000	0	0	00	00	97	00	0	040	77	0	0	9	0	0	68	71
Sibi	000	0	0	00	00	99	00	0	059	92	0	0	9	0	0	88	84
Nokkundi	000	0	0	34	05	99	02	0	067	74	0	0	9	0	0	xx	68
Turbat	000	0	0	13	01	98	00	0	089	92	0	0	9	0	0	89	85
Jiwani	000	0	0	13	02	96	02	0	080	79	0	0	9	0	0	76	74
Pasni	000	0	6	05	00	95	41	0	090	74	6	5	7	0	0	73	73
Ormara	000	0	0	xx	00	98	01	0	085	77	0	0	9	0	0	76	74
Las Bela	000	0	0	00	02	99	00	0	078	83	0	0	9	0	0	74	xx
Karachi (Manora)	000	0	2	25	07	97	01	1	076	79	2	0	9	5	0	72	77
Karachi (Air port)	000	0	0	25	05	97	02	0	076	78	0	0	9	0	0	71	75
Badin																	
Nagarparkar	xxx	x	4	20	02	97	03	0	xxx	xx	4	0	9	4	0	xx	xx
Umarkot	000	0	0	23	01	97	00	0	069	75	0	0	9	0	0	73	72
Hyderabad	000	0	0	20	09	97	02	0	074	78	0	0	9	0	0	71	75
Pad-i-dan	000	0	0	13	02	98	02	0	060	76	0	0	9	0	0	70	72
Nawabshah	000	0	0	13	03	97	02	0	071	77	0	0	9	0	0	71	72
Sukkur	000	0	0	00	00	96	00	0	060	80	0	0	9	0	0	72	76
Kashmore																	
Jacobabad	000	0	0	18	03	97	02	0	066	81	0	0	9	0	0	74	74
Veraval																	
Jalalabad																	
Muscat	000	0	0	05	02	79	00	0	071	86	0	0	9	0	0	82	83
Kuwait																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar	000	0	7	00	00	98	03	1	464	44	7	1	9	0	0	34	40
Aliabad																	
Gilgit																	
Murree	000	0	0	27	03	98	00	0	481	62	0	0	9	0	0	44	55
Drosh	000	0	0	00	00	96	02	0	500	73	0	0	9	0	0	35	60
Cherat	000	0	0	00	00	97	00	0	465	80	0	0	9	0	0	47	64
Kakul	000	0	0	00	00	97	02	0	484	68	0	0	9	0	0	48	63
Landi Kotal	000	0	0	00	00	97	00	0	471	73	0	0	9	0	0	43	59
Parachinar	000	0	0	00	00	99	00	0	793	48	0	0	9	0	0	28	xx
Miranshah	000	0	0	00	00	99	00	0	501	74	0	0	9	0	0	56	63
Wana	000	0	0	00	00	99	00	0	476	65	0	0	5	0	0	46	56
Fort Sandeman	000	0	0	00	00	97	00	0	486	69	0	0	9	0	0	45	59
Hindubagh	000	0	0	27	02	98	00	0	494	60	0	0	9	0	0	33	55
Loralai	000	0	0	23	02	98	00	0	467	60	0	0	9	0	0	27	44
Harnai	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	96	00	0	482	58	0	0	9	0	0	41	42
Chaman	000	0	0	11	02	97	00	0	491	73	0	0	9	0	0	63	57
Kalat	000	0	0	18	00	98	00	0	507	57	0	0	9	0	0	25	42
Nushki	000	0	0	02	05	97	00	0	544	70	0	0	9	0	0	33	66
Dalbandin	000	0	0	00	00	96	02	0	469	58	0	0	9	0	0	25	54
Panjgur	000	0	0	05	03	96	00	0	485	66	0	0	9	0	0	52	62
Kabul																	
Kandahar																	

Departure from Normal of (columns 37–38) and Rainfall (columns 39–42)

Station	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	+3	+2	112.6	-5.3	123.5	140
Chittagong	+1	+3	65.2	-7.5	75.6	108
Maijdee Court	+1	+2	63.5	-19.2	73.4	115
Comilla	+1	0	47.6	-14.1	59.4	94
Brahmanbaria	—	—	41.0	-5.7	56.8	78
Sylhet	—	—	69.5	—	120.0	
Srimangal	-1					98
Mymensingh	-1	+1	21.1	-40.2	61.9	91
Narayanganj	-1	+2	49.6	+2.4	63.7	84
Dacca (Tezgaon)	—	—	45.1	—	60.0	[illegible]
Faridpur	-1	+1	38.7	-7.1	50.8	[illegible]
Barisal	+2	+2	42.8	-12.4	59.8	[illegible]
Khulna	-3	+2	38.2	-9.3	46.2	[illegible]
Satkhira	-2	+1	35.8	-8.9	57.6	[illegible]
Jessore	—	—	37.2	-5.2	41.0	[illegible]
Sirajganj	—	—				[illegible]
Bogra	—	-7	58.9	+9.5	66.4	69
Dinajpur	+4	-4	41.7	-12.7	44.6	72
Rangpur	—	—	44.5	-15.2	53.3	84
Jammu						
Lahore (Jail Rd.)	0	0	16.7	+2.3	25.4	19
Sialkot	+4	-2	21.9	-1.4	45.1	32
Jhelum	—	—	16.7	—	27.3	[illegible]
Rawalpindi	—	—	14.6	-8.6	30.6	[illegible]
Khushab	+1	-5	8.2	-1.8	17.0	[illegible]
Lyallpur	+3	-3	10.1	+1.0	16.2	[illegible]
Montgomery	+1	-4	6.4	-0.9	10.2	[illegible]
Multan	+1	-8	0.7	-4.1	4.1	[illegible]
Leiah	—	—	—	—	—	[illegible]
Khanpur	0	-1	0.2	-4.7	1.2	6
Bahawalpur	+1	0	1.3	-2.9	2.5	6
Fort Abbas	—	—	—	—	—	8
Chakdara	—	—	2.7	—	17.5	
Peshawar	+1	0	1.9	-2.4	13.0	14
Haripur	—	—	7.9	—	11.9	
Campbellpur	—	—	5.7	—	21.1	
Bannu	—	—	2.4	—	9.5	11
D.I. Khan	0	-2	2.3	-3.1	7.8	10
Sibi	—	—	1.1	—	6.2	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	
Jiwani	—	—	0	—	3.1	4
Pasni	+10	+1	0	-0.9	6.2	6
Ormara	—	—	0	-0.8	3.8	6
Las Bela	—	—	1.5	—	2.6	8
Karachi (Manora)	+1	+1	0.6	-5.4	1.1	8
Karachi (Air port)	—	—	0.9	—	1.0	[illegible]
Badin	-3					
Nagarparkar	—	—	—	—	—	
Umarkot	—	—	4.7	—	4.7	
Hyderabad	-3	0	0.9	-5.1	2.8	
Pad-i-dan	—	—	0.1	—	1.4	
Nawabshah	—	—	—	—	—	
Sukkur	—	—	0.1	—	2.9	
Kashmore						
Jacobabad	-4	-1	0	-2.3	3.8	
Veraval						20
Jalalabad						
Muscat	+2	0	0	-0.1	6.9	4
Kuwait						
Srinagar						26
Gulmarg						71
Sonamarg						26
Dras						3
Leh						6
Skardu						
Misgar	—	—	—	—	—	
Aliabad						
Gilgit						5
Murree	+1	+1	24.3	-10.6	58.0	59
Drosh	—		2.1	—	24.3	18
Cherat	+2	0	4.6	-7.0	25.5	29
Kakul	—	—	14.2	—	41.8	
Landi Kotal	—	—	1.1	—	15.3	
Parachinar	—	—	6.7	—	25.8	29
Miranshah	—	—	3.1	-1.5	15.4	13
Wana	—	—	1.4		13.5	
Fort Sandeman	-3	-4	2.4	-2.5	12.9	14
Hindubagh	—	—	0		12.3	
Loralai	—	—	1.9	—	10.7	
Harnai	—	—	2.0	-5.8	14.3	14
Quetta	—	—	0	-1.9	9.5	9
Chaman	-3	-4	0	-0.2	10.2	8
Kalat	-3	-4	0	-1.2	8.4	7
Nushki			0		8.1	
Dalbandin	-5	-4	0	-0.3	4.4	4
Panjgur	-7	-1	0	—	4.2	5
Kabul	—		—	—	—	12
Kandahar						

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day.

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 4th SEPTEMBER, 1957

WEEKLY REPORTS FROM SHIPS

SHIPS IN	VQ $L_1L_2L_3$	$L_0L_0L_0$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	I d_wd_w P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udumaru	33 070	772 00	0 31 10	97 01 0	068 99	24 6 10	3 5 520	..	0 00 ××	..
Sirrah	33 247	615 00	5 25 10	98 02 2	070 81	22 6 00	6 5 400	..	0 02 29	1 24 22
Mizoma Shigy	33 240	587 00	0 36 06	98 02 0	031 80	00 9 00	..	..	..	..
Pakistan Prosperity	33 229	677 06	1 27 09	98 02 1	090 82	11 6 00	7 3 ×××	..	0 02 72	1 27 62
Karanja	33 244	664 06	1 23 05	98 01 0	072 82	11 5 00	6 5 108	..	0 01 81	1 23 21
Calcos Leiden	33 248	578 06	0 30 06	98 02 0	074 80	00 9 00	..	..	0 01 86	1 30 21
Mizoma Shigy	33 232	594 06	0 00 00	98 02 0	061 88	00 9 00	..	..	..	..
Sirrah	33 250	599 06	0 07 06	98 01 0	108 86	00 8 00	6 5 116	..	0 00 79	1 07 29
Sirrah	33 259	581 12	0 23 06	98 02 0	070 91	00 9 00	6 3 310	..	0 00 75	1 23 21
Calcos Leiden	33 238	588 12	0 33 04	98 02 2	061 91	00 9 00	..	..	0 02 88	1 33 21
Pakistan Prosperity	33 243	670 12	2 27 09	96 02 1	047 81	21 6 00	7 3 ×××	..	0 51 80	1 32 42

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		At surface and Standard Isobaric Levels	HHH TTT $T_dT_dT_d$									HHH TT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagdogra ..														
Chittagong ..														
Dacca ..														
Jorhat ..														
Karachi ..	00 00	806 245 208	077 262 225	..	500 249 042	..	168 102 565	429 052 595	896 532 665	612 448 752	972 782	249 002	432 110	678 202
Lahore ..														
Multan ..														
Peshawar ..	00 00	Missing												
Quetta ..	00 00	Missing												

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagdogra ..													
Chittagong ..													
Dacca ..													
Jorhat ..													
Karachi ..	00 00	990 248 228	926 202 165	900 262 165	800 202 015	654 042 596	350 728 812	250 895 999	086 192 999	074 202 999	056 102 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00	Missing											
Quetta ..	00 00	Missing											

PPP-Pressure in hundreds, tens and units of millibars.
TTT : $T_dT_dT_d$: Dry Bulb : Dew Point temperatures (in tenths of °C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	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
Bagdogra ..	15 10	16 10	..	..						..	No	ascent	..	..	..	10 11	..	..	..	..	..	..	..	..	..	..
Chittagong ..																										
Chitral ..	25 17	22 17	21 13	21 04	34 08	34 15	31 15	30 24	28 15	24 17	23 18	22 15	28 04	31 03	36 21											
Chittagong ..	18 14	17 17	15 20	16 24	16 20	..				17 20	17 23	18 21	19 18	20 16	21 15	16 19	16 21	18 21	28 24	18 20	..	..	..	..	..	..
Cox's Bazar ..	..	..	..	..																						
Dacca ..	..	..	..	..						15 16	16 15	17 13	16 11	16 10	19 08	15 16	16 15	17 13	16 11	16 10	19 08	21 13	21 16	21 15	21 19	20 06
Dalbandin ..	..	..	27 07	24 09	24 04	33 06	32 11	30 19	30 26	..		06 04	07 06	32 03	18 07	..		06 09	19 03	17 03	17 02	22 07	29 17	29 25	29 28	25 39
D. I. Khan ..	..	..	..	..												..										
Dhaka ..	..	..	..	22 11	22 06	21 00	19 18						05 01	06 05						08 03	36 12	02 12	34 07	34 06	20 05	18 03
Fort Sandeman ..	..	..	..	11 17	21 05	27 07	26 08	25 08					30 03	29 07	31 05	..				31 03	04 03	14 02	09 02	13 06	28 11	35 25
Jacobabad ..	15 07	18 07	20 05	02 04	02 06	02 06	30 13	29 17	29 25	20 20	19 10	20 05	25 06	02 18	35 37	22 05	23 05	26 03	20 01	10 02	06 68	06 09	01 04	29 15	28 29	26 37
Jacobabad ..																										
Jiwani ..	18 03	20 18	18 06	16 05	29 10	31 04	30 14	29 09	32 13	34 06	30 06	29 05	30 06	30 10	28 05	13 06	16 04	21 04	26 05	27 07	29 08	28 07	25 05	22 03	23 11	25 40
Jiwani ..	21 13	22 09	24 05	33 12	34 25	34 19	34 19	34 28	33 40	18 06	26 09	27 05	12 04	14 03	35 23	13 03	11 88	11 09	20 03	35 12	35 10	..	..	..	..	..
Karachi ..	21 11	22 12	23 04	34 03						29 09	30 09	32 11	28 08	23 02	04 13	26 08	26 09	28 06								
Khanewal ..	16 02	17 03	16 02	16 03	12 02	07 07	27 13	26 26	25 34	24 17	24 15	23 13	20 04	14 09		24 08	22 08	20 08	20 03	18 01	10 04	07 14	06 15	28 08	26 21	24 55
Lahore ..	31 09	31 11	28 11	28 14	28 18	29 21	36 12	36 13	36 13	28 11	29 11	30 15	30 13	32 10	36 05	31 05	29 11	27 10	29 07	32 08	01 07	25 06	25 09	23 26	24 32	
Multan ..	23 08	23 09	20 10	19 10	18 10	09 10	07 09	31 05	29 15	21 23	22 17	21 18	22 17	23 18	20 23	20 15	20 13	19 11	20 09	21 07	11 11	05 16	03 07	26 05	25 12	24 65
Muscat ..	..																									
Panjgur ..	..																									
Peshawar ..	..										33 01	01 03	08 02	16 03	26 02		05 03	36 02	33 03	28 03	19 02	28 04	28 10	29 10	29 04	25 27
Quetta ..				..	31 08	29 10	17 09	22 04	27 04					20 13	27 01					31 03	32 06	20 09	15 12	29 06	28 13	
Sharjah ..																										
Sylhet ..	26 01	29 02	21 07	20 12	18 13	20 09	28 14	29 15	29 14	10 09	10 09	13 08	17 10	18 11		10 05	17 07	19 13	19 16	..	..					
Veraval ..																										

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	28 04	29 05	29 05	26 05	31 03	04 11	32 19	30 23	30 27	37 41	26 38	24 36	21 37	21 41	21 43	19 37	21 39	09 07
Peshawar ..																		
Quetta ..																		

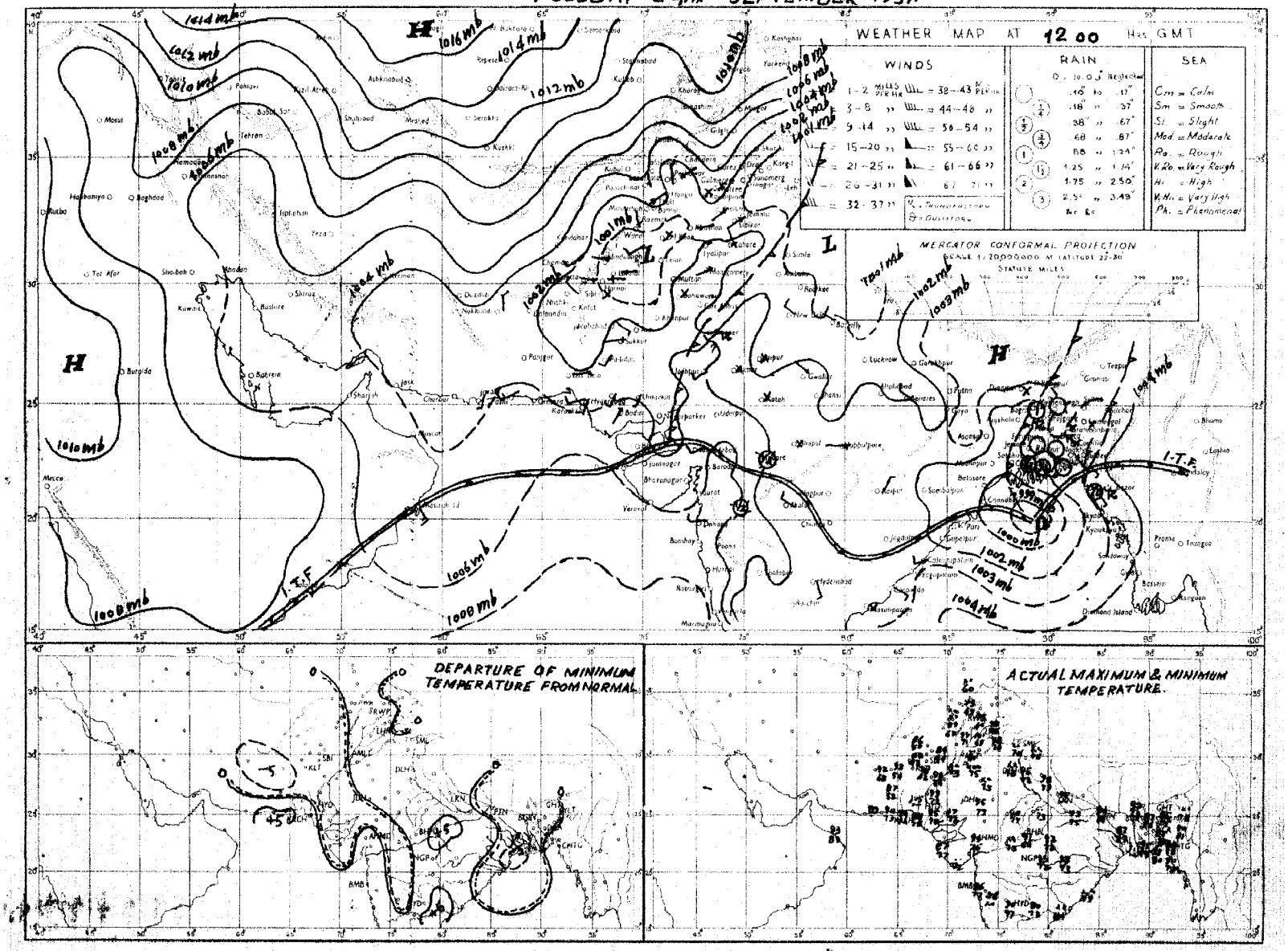
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to the "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_T$v$_T$ etc)

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.

PAKISTAN DAILY WEATHER MAP

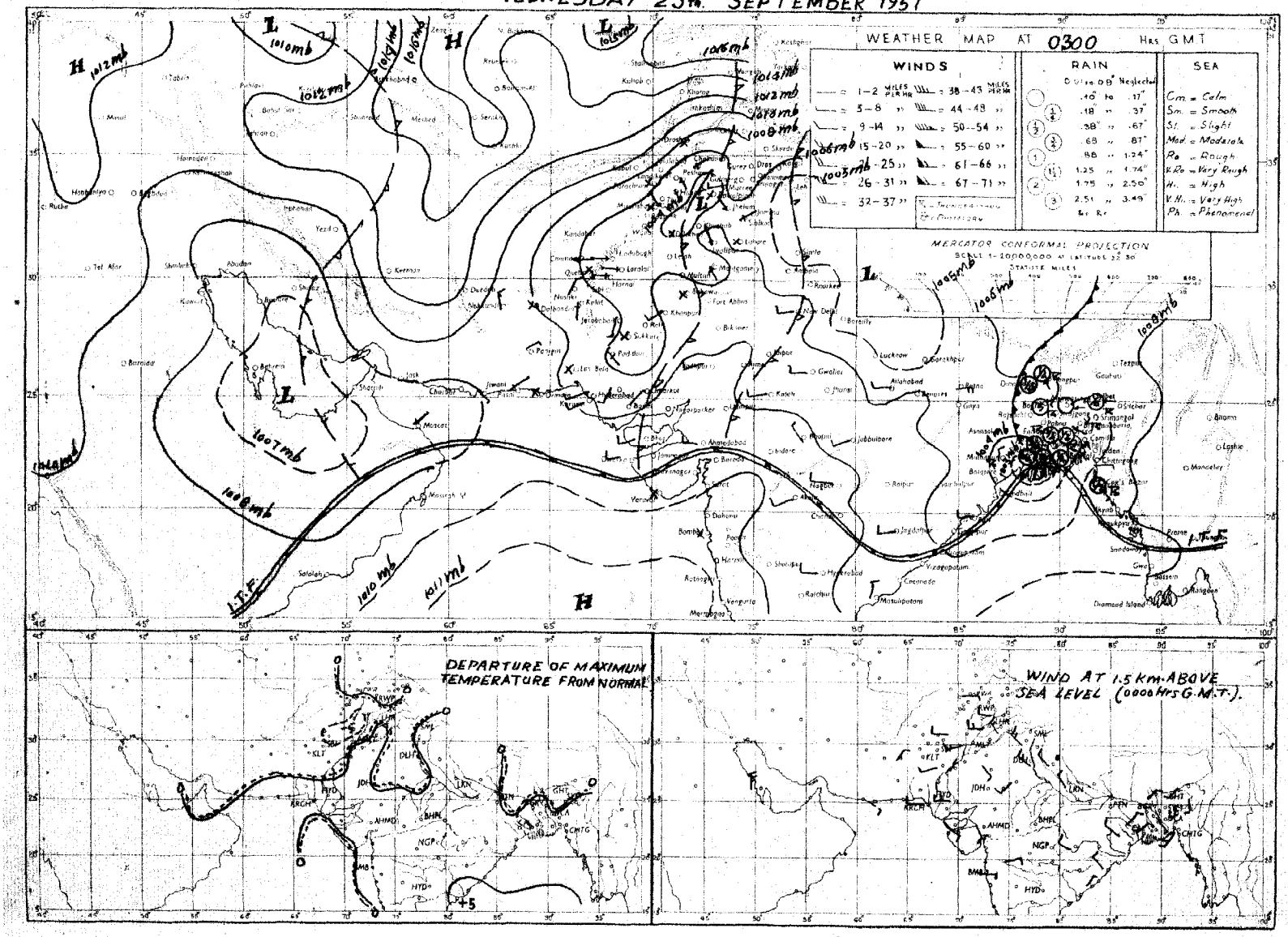
TUESDAY 24th SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 25th SEPTEMBER 1957



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

Monthly Subscription. Reg. No S 1457

PAKISTAN DAILY WEATHER REPORT

Pages 1—2. Rs. 3/-. **THURSDAY, THE 26th SEPTEMBER, 1957.**
Pages 1—4. Rs. 5/-. **Summary of observations recorded at 0300 hrs. G.M.T.**

Yesterday's shallow depression has weakened into a low which now lies over Dacca and adjoining Chittagong divisions. It is likely to move away northeastwards. Rain/thundershowers have been widespread in Chittagong and Dacca divisions and local in Rajshahi division. Weather remained dry over West Pakistan.

Chief amounts of rainfall are:—Mymensingh 7"; Dacca 3"; Khulna and Dinajpur 2" each; Maijdee Court, Sylhet, Srimangal and Sirajganj 1½" each; Cox's Bazar, Faridpur and Barisal 1" each and Comilla, Brahmanbaria, Narayanganj and Bogra ½" each.

Day temperatures were 2-5°F below normal in Quetta and Kalat divisions.

Forecast valid until the evening of 27th:—Fairly widespread rain/thundershowers will occur in East Pakistan. Weather will remain dry over West Pakistan.

Heavy rainfall warning:—Locally moderate to heavy rain will fall in East Pakistan during next 24 hours.

Karachi-11.
The 26th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	005	9	7	13	05	95	15	9	043	80	6	9	6	2	0	77	80
	Chittagong	000	0	5	16	18	97	02	0	029	88	5	8	4	0	0	58	90
	Maijdee Court	050	6	8	13	05	97	03	8	012	83	3	5	5	2	x	080	87
	Comilla	000	0	8	13	02	97	03	2	016	84	8	9	4	x	x	79	89
	Brahmanbaria	000	0	4	00	00	97	03	2	019	83	4	5	5	0	0	77	90
	Sylhet	007	1	8	00	00	95	95	9	021	78	6	3	5	2	x	77	87
	Srimangal	148	4	8	00	00	xx	92	9	021	78	8	5	6	x	x	77	89
Dacca	Mymensingh	000	0	8	00	00	98	02	2	018	82	8	4	4	x	x	79	85
	Narayanganj	015	5	8	11	05	94	03	6	013	82	8	7	4	x	x	79	90
	Dacca (Tezgaon)	005	5	8	13	05	97	61	9	010	81	7	9	4	1	x	79	89
	Faridpur	022	4	8	18	02	95	02	9	006	81	8	4	6	x	x	80	86
	Barisal	060	9	8	00	00	94	03	6	007	84	5	7	9	0	0	81	89
Rajshahi	Khulna	070	8	8	00	00	96	03	6	009	82	6	5	6	x	x	81	83
	Satkhira	000	0	8	00	00	96	03	2	005	82	x	x	6	x	x	81	84
	Jessore	000	8	8	18	02	96	03	5	003	83	8	4	5	x	x	82	83
	Sirajganj	033	3	8	00	00	95	03	8	015	82	8	7	5	x	x	81	89
	Bogra	005	6	5	09	02	96	60	6	006	86	6	6	6	0	0	81	88
	Dinajpur	206	1	8	00	00	94	03	9	023	86	8	7	6	0	0	75	93
	Rangpur	002	1	8	13	02	95	20	2	xxx	81	8	7	5	x	x	87	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	27	02	96	01	0	025	97	1	2	7	0	0	61	99
	Sialkot	000	0	1	00	00	97	01	1	019	95	1	1	6	0	0	64	99
Rawalpindi	Jhelum	000	0	2	00	00	96	03	0	020	94	1	1	7	1	0	63	00
	Rawalpindi	000	0	2	00	00	99	02	0	008	94	2	2	6	0	0	64	96
	Khushab	000	0	0	16	00	98	00	0	018	99	0	0	9	0	0	64	02
Multan	Lyallpur	000	0	4	16	02	96	01	0	027	97	0	0	9	5	0	51	01
	Montgomery	000	0	0	00	00	97	00	0	028	97	0	0	9	0	0	63	01
	Multan	000	0	0	13	02	96	00	0	022	92	0	0	9	0	0	66	02
Bahawalpur	Leiah	000	0	2	09	06	98	07	1	xxx	98	0	0	8	0	9	xx	00
	Khanpur	000	0	0	27	04	96	00	0	025	98	0	0	9	0	0	83	99
	Bahawalpur	000	0	3	00	00	97	02	0	032	99	3	0	9	2	0	72	00
	Fort Abbas	000	0	5	23	03	97	03	6	024	98	5	1	6	0	0	68	84
Peshawar	Chakdara	000	0	2	xx	xx	98	03	1	991	90	2	2	7	0	0	57	94
	Peshawar	000	0	3	00	00	97	02	0	013	94	1	3	6	2	3	56	96
	Haripur	000	2	1	27	02	97	03	0	995	95	1	1	6	x	x	51	99
	Campbellpur	000	0	0	00	00	98	00	0	026	96	0	0	9	0	0	49	96
D.I. Khan	Bannu	000	2	3	00	00	99	03	0	016	95	0	0	9	0	3	73	96
	D.I. Khan	000	0	0	00	00	98	00	0	035	97	0	0	9	0	0	70	00
Quetta	Sibi	000	0	0	18	01	99	00	0	016	03	0	0	9	0	0	73	04
Kalat	Nokkundi	000	0	0	34	05	99	02	0	038	92	0	0	9	0	0	23	95
	Turbat	000	0	0	23	01	97	00	0	005	01	0	0	9	0	0	74	06
	Jiwani																	
	Pasni	000	0	0	23	23	96	00	0	060	84	0	0	9	0	0	78	xx
	Ormara	000	0	0	xx	xx	98	00	0	064	89	0	0	9	0	0	81	90
	Las Bela	000	0	0	09	04	98	00	0	049	91	0	0	9	0	0	75	02
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	09	98	01	0	052	82	2	6	4	0	0	76	87
	Karachi (Air port)	000	0	2	25	07	97	03	0	060	83	2	5	5	0	0	71	67
	Badin	000	0	0	23	02	97	00	0	053	92	0	0	9	0	0	70	94
	Nagarparker	000	0	0	25	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Umarkot	000	0	0	23	01	97	00	0	050	96	0	0	9	0	0	61	98
	Hyderabad	000	0	0	22	09	97	02	0	043	93	0	0	9	0	0	65	97
Khairpur	Pad-i-dan	000	0	0	18	02	98	02	0	033	98	0	0	9	0	0	54	00
	Nawabshah	000	0	0	16	03	97	02	0	044	97	0	0	9	0	0	57	00
	Sukkur	000	0	0	27	02	96	00	0	028	96	0	0	9	0	0	66	99
	Kashmore																	
	Jacobabad	000	0	0	18	03	97	02	0	034	98	0	0	9	0	0	66	00
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	056	88	0	0	9	10	0	73	93
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg *																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
Rawalpindi	Misgar **																	
	Aliabad *																	
	Gilgit *																	
	Murree *	000	2	3	31	02	98	01	9	462	68	3	1	5	0	0	50	72
Peshawar	Drosh *	000	6	4	00	00	96	03	1	468	78	4	2	7	0	0	41	90
	Cherat *	000	1	1	00	00	97	03	0	470	82	0	0	9	0	2	44	87
	Kakul *	000	6	2	20	03	98	03	0	470	83	2	2	7	0	0	46	86
	Landi Kotal *	000	0	3	02	02	97	03	0	458	84	3	0	9	[illegible]	[illegible]	53	80
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	793	46	0	0	9	0	0	36	xx
	Miranshah *	000	0	2	05	02	99	00	0	520	86	0	0	9	2	0	62	91
	Wana *	000	0	0	05	02	99	00	0	438	82	0	0	9	0	0	44	86
	Fort Sandeman *																	
Quetta	Hindubagh *	000	0	0	27	02	98	00	0	458	80	0	0	9	0	0	46	85
	Loralai *	000	0	4	16	02	98	02	1	446	83	0	0	9	2	0	40	86
	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	29	02	98	00	0	450	81	0	0	9	0	0	63	81
	Chaman *	000	0	0	23	03	98	00	0	486	84	0	0	9	0	0	31	86
Kalat	Kalat *	000	0	0	31	07	98	00	0	476	72	0	0	9	0	0	25	77
	Nushki *	000	0	0	27	05	96	00	0	541	90	0	0	9	0	0	xx	91
	Dalbandin *	000	0	0	13	02	96	02	0	486	90	0	0	9	0	0	37	93
	Panjgur *	000	0	0	31	05	98	00	0	486	87	0	0	9	0	0	xx	89
Afghanistan	Kabul **	000	0	0	36	00	98	02	0	501	74	2	1	9	0	0	42	82
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	079	9	6	16	05	96	02	9	049	81	5	8	6	7	8	80	75	− 4	0	113.2	+ 5.4	124.1	140
	Chittagong	xxx	0	8	13	05	97	61	2	057	80	8	6	4	x	x	78	78	+ 3	+ 2	68.2	− 7.9	75.6	108
	Maijdee Court	115	3	6	00	00	96	03	6	047	81	6	8	5	2	x	80	77	0	0	64.6	− 18.5	74.5	115
	Comilla	061	2	6	13	02	98	02	9	039	79	6	4	5	0	0	77	77	+ 1	+ 1	48.1	− 13.9	59.9	94
	Brahmanbaria	045	2	8	03	03	95	62	6	050	78	8	7	3	x	x	77	78	—	—	41.5	− 5.5	57.2	78
	Sylhet	155	3	8	13	05	95	95	9	056	76	7	9	4	2	x	73	76	—	—	71.0	—	121.6	
	Srimangal	162	9	8	18	07	97	16	9	050	79	8	4	6	x	x	76	77	− 2	+ 3	—	—	—	98
Dacca	Mymensingh	699	8	8	00	00	95	60	9	042	78	8	6	3	x	x	78	74	− 2	+ 3	28.1	− 35.6	68.9	91
	Narayanganj	052	9	8	18	03	95	61	6	044	79	6	7	5	2	x	78	79	+ 2	+ 1	21.7	− 5.8	62.4	[illegible]
	Dacca (Tezgaon)	262	9	8	27	05	97	29	9	036	79	4	9	2	2	x	78	77	—	—	47.7	—	62.7	[illegible]
	Faridpur	118	5	8	18	02	95	50	9	049	81	6	5	6	0	0	80	81	− 1	+ 3	39.9	− 16.1	52.0	77
	Barisal	122	6	8	00	00	95	03	9	042	82	5	7	9	0	0	79	79	+ 2	+ 1	44.0	− 11.5	61.1	[illegible]
Rajshahi	Khulna	251	0	8	00	00	96	03	2	046	77	8	5	5	x	x	77	76	− 5	+ 1	40.7	− 7.0	40.7	[illegible]
	Satkhira	007	3	8	00	00	97	61	6	048	78	x	x	6	x	x	77	72	− 5	+ 1	36.9	− 9.2	51.6	[illegible]
	Jessore	000	0	8	16	03	96	03	2	044	80	8	7	5	x	x	80	79			37.7	− 5.5	41.0	[illegible]
	Sirajganj	145	3	8	00	00	95	02	6	041	82	8	7	5	x	x	79	80	+ 2	+ 3	—	—	—	[illegible]
	Bogra	055	9	6	31	02	97	02	9	044	81	6	6	6	0	0	80	78	0	+ 1	57.7	+ 8.9	65.1	68
	Dinajpur	206	2	6	00	00	96	02	2	037	82	0	0	9	2	0	78	71	+ 5	− 6	48.7	− 11.1	46.7	72
	Rangpur	010	0	7	09	02	98	01	2	xxx	83	7	5	6	x	x	80	79	+ 2	− 3	44.6	− 16.6	53.4	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	96	02	0	051	79	0	0	9	0	0	63	72	+ 1	+ 4	16.7	+ 2.3	25.4	19
	Sialkot	000	0	0	05	02	97	00	0	043	70	0	0	9	0	0	65	76	+ 4	+ 6	21.9	− 1.4	45.1	32
Rawalpindi	Jhelum	000	0	0	36	02	96	02	0	055	77	0	0	9	0	0	61	61	—	—	16.7	—	27.3	[illegible]
	Rawalpindi	000	0	0	00	00	99	00	1	039	79	0	0	9	0	0	55	64	+ 3	− 1	14.6	− 8.6	30.6	[illegible]
	Khushab	000	0	0	25	02	98	00	0	046	83	0	0	9	0	0	64	72	+ 3	+ 1	8.2	− 1.9	17.0	[illegible]
Multan	Lyallpur	000	0	0	25	02	96	00	0	049	78	0	0	9	0	0	62	69	+ 3	− 1	10.1	+ 1.0	16.2	[illegible]
	Montgomery	000	0	1	13	02	97	00	1	044	77	0	0	9	0	0	63	69	+ 2	− 3	6.4	− 1.0	10.2	[illegible]
	Multan	000	0	0	13	07	96	00	0	044	79	0	0	9	0	0	61	68	+ 4	− 4	0.7	− 4.1	4.1	[illegible]
Bahawalpur	Leiah	000	0	0	00	00	97	00	0	xxx	67	0	0	9	0	0	60	65	—	—	—	—	—	[illegible]
	Khanpur	000	0	0	21	04	96	08	0	052	81	0	0	9	0	0	75	73	− 2	+ 1	0.2	− 4.6	1.2	6
	Bahawalpur	000	0	0	00	00	97	00	0	052	81	0	0	9	0	0	67	72	+ 1	+ 2	1.3	− 2.9	3.5	5
	Fort Abbas	000	0	0	23	03	97	00	0	058	88	0	0	9	0	0	63	76	—	—	—	—	—	8
Peshawar	Chakdara	000	0	0	00	00	57	00	0	051	69	0	0	9	0	0	49	50	—	—	2.7	—	17.5	
	Peshawar	000	0	0	00	00	98	02	0	043	77	0	0	9	0	0	52	69	+ 2	− 2	1.9	− 2.4	13.0	14
	Haripur	000	0	0	23	02	97	00	0	039	76	0	0	9	0	0	59	66	—	—	7.9	—	11.9	
	Campbellpur	000	0	0	05	02	98	00	0	055	74	0	0	9	0	0	53	68	—	—	5.7	—	21.1	
D.I. Khan	Bannu	000	0	0	31	02	98	00	0	039	79	0	0	9	0	0	59	71	—	—	2.4	—	9.5	11
	D.I. Khan	000	0	0	00	00	97	00	0	035	76	0	0	9	0	0	63	68	+ 1	− 3	2.3	− 3.1	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	058	79	0	0	9	0	0	65	78	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	02	02	98	02	0	095	70	0	0	9	0	0	65	64	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	98	00	0	087	93	0	0	9	0	0	80	82	—	—	2.5	—	5.9	
	Jiwani	000	6	6	00	00	96	03	4	090	77	6	5	5	0	0	73	73	+	—	0	—	3.1	4
	Pasni	000	0	4	31	00	96	00	0	108	74	4	5	7	0	0	73	68	—	− 3	0	− 0.9	0.2	6
	Ormara	000	0	5	xx	00	98	02	1	113	77	5	0	9	4	0	74	75	—	—	0	− 0.8	3.8	6
	Las Bela	000	0	0	00	02	98	00	0	102	82	0	0	9	0	0	76	75	—	—	1.5	—	2.8	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	05	97	01	1	084	80	2	0	9	5	0	76	77	+ 2	+ 1	0.6	− 5.4	1.1	8
	Karachi (Air port)	000	0	3	27	03	96	01	2	084	80	3	6	5	0	0	68	78	—	—	0.9	—	1.0	[illegible]
	Badin	000	0	0	23	03	96	00	0	076	78	0	0	9	0	0	72	xx	− 1	x	—	—	—	[illegible]
	Nagarparker	000	0	0	00	00	[illegible]	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	—	—	—	
	Umarkot	000	0	0	23	01	97	00	0	069	74	0	0	9	0	0	71	71	—	—	4.7	—	4.1	
	Hyderabad	000	0	0	20	10	97	02	0	069	76	0	0	9	0	0	71	74	− 1	− 1	0.3	− 5.1	2.8	7
Khairpur	Pad-i-dan	000	0	0	13	02	98	02	0	053	75	0	0	9	0	0	68	72	—	—	0.1	—	1.4	[illegible]
	Nawabshah	000	0	0	18	05	97	02	0	059	77	0	0	9	0	0	65	72	—	—	—	—	—	
	Sukkur	000	0	0	23	02	96	00	0	056	78	0	0	9	0	0	71	75	—	—	0.1	—	2.9	4
	Kashmore																							
	Jacobabad	000	0	0	18	03	97	02	0	058	76	0	0	9	0	0	72	74	− 2	+ 1	0	− 2.3	3.5	3
Junagarh	Veraval																							
Afghanistan	Jalalabad																							20
Arabia	Muscat	000	0	0	00	00	99	00	0	069	85	0	0	9	0	0	79	83	− 8	− 1	0	− 0.1	6.9	4
	Kuwait																							
HILL STATIONS																								
Kashmir	Srinagar *																							
	Gulmarg *																							56
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							8
Rawalpindi	Misgar **																							
	Aliabad *																							
	Gilgit *																							5
	Murree *	000	9	0	27	05	98	00	1	469	63	0	0	9	0	0	44	55	+ 2	+ 2	24.3	− 10.8	58.0	59
Peshawar	Drosh *	000	0	0	00	00	96	02	0	491	61	0	0	9	0	0	35	58	—	− 2	2.1	—	24.3	18
	Cherat *																		+ 3					29
	Kakul *	000	0	0	31	02	98	00	0	472	69	0	0	9	0	0	47	64	—	—	14.2	—	41.8	
	Landi Kotal *	000	0	0	[illegible]	[illegible]	97	00	0	[illegible]	73	0	0	9	0	0	52	59	—	—	1.1	—	15.3	
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	793	48	0	0	9	0	0	36	xx	—	—	6.7	—	25.8	29
	Miranshah *	000	0	0	00	00	99	00	0	496	71	0	0	9	0	0	52	83	—	—	3.1	− 1.6	15.4	13
	Wana *	000	0	0	00	00	99	00	0	457	61	0	0	9	0	0	41	53	—	—	—	—	—	
	Fort Sandeman *	000	0	0	00	00	96	00	0	456	71	0	0	9	0	0	30	55	—	− 6	2.4	− 2.5	19.9	19
Quetta	Hindubagh *	000	0	0	27	02	98	00	0	494	59	0	0	9	0	0	32	54	—	—	0	—	12.3	
	Loralai *	000	0	0	27	02	98	00	0	469	64	0	0	9	0	0	25	56	—	—	1.9	—	10.7	
	Harnai *	000	0	0	31	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	2.0	− 5.4	14.3	14
	Quetta *	000	0	0	00	00	96	00	0	481	55	0	0	9	0	0	34	40	—	—	0	− 3.0	9.5	9
	Chaman *	000	0	0	00	00	97	00	0	590	67	0	0	9	0	0	49	57	− 3	− 2	0	− 0.2	10.2	8
Kalat	Kalat *	000	0	0	20	03	98	00	0	507	57	0	0	9	0	0	46	42	− 3	− 2	0	− 1.2	8.4	7
	Nushki *	000	0	0	05	05	97	00	0	541	68	0	0	9	0	0	23	64	—	—	0	—	8.1	
	Dalbandin *	000	0	0	00	00	96	02	0	472	59	0	0	9	0	0	29	53	− 5	− 5	0	− 0.3	4.4	4
	Panjgur *	000	0	0	36	03	98	00	0	483	62	0	0	9	0	0	37	55	− 5	− 6	0	—	4.2	5
Afghanistan	Kabul **	000	0	0	18	00	99	00	0	543	56	0	0	9	0	0	33	42	—	—	—	—	—	12
	Kandahar *																							

†Given in Code
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day.
Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY, THE 26th SEPTEMBER, 1957

Weather Reports from Ships

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	Iw dd ff	VV w_w W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C h_s h_s	O T_wT_w T_dT_d	$I_bd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Manchester	43 215	666 18	3 25 06	98 02.0	095 81	21 7 00	5 5 110	..	0 52 00	1 25 21
Karnaja	45 244	670 18	2 20 09	98 01.0	082 81	21 5 00	4 5 210	..	0 52 00	1 20 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong														
Dacca														
Jacobabad														
Karachi	00 00	005 268 232	069 262 225	..	410 225 068	..	017 062 572	278 052 582	728 502 692	415 692 785	950 818	227 955	..	..
Lahore														
Multan														
Peshawar	00 00	Miss												
Quetta	00 00	830 122 502												

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT_dT_d$							Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca													
Jacobabad													
Karachi	00 00	990 185 105	800 172 018	350 752 842	250 660 999	186 972 999	..	..	..	..	186 972 999	..	..
Lahore													
Multan													
Peshawar	00 00	Miss											
Quetta	00 00	Miss											

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$; Dry Bulb ; Dew Point temperature (in centigrade of °C)
St-Character of tropopause.

HHH, HHHH (heights) tens of geopotential metres.
TT-Dry Bulb temperature in °C
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	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
Bagra	12 10	12 12	16 14							35 07	..	..	..	..	..	32 04	32 04	..	..	..	..	..	..	..	..	..
Chaklala	..	18 02	22 01	25 02	28 07	27 03	21 08	30 13	30 03							..	..	..	..	..	..	..	..	..	..	..
Dhibar	24 13	22 13	24 10	24 06	31 04	33 14	33 13	30 16	29 19	25 23	25 19	24 08	26 09	28 05	31 05	..	..	..	..	..	..	..	..	..	..	..
Chittagong	16 23	17 24	19 25	20 20	21 20	21 08	23 11			17 18	19 17	21 20	21 21	..	..	No	ascent	..	..	..	..	..	..	..	..	..
Cox's Bazar	16 93	18 15	19 15	21 18	22 19	21 13	21 12	14 06	01 03		No	ascent		..	..	..	..	..	..	..	..	..	..	..	..	..
Dacca	16 16	18 23	19 25	20 24			..			22 11	24 10	22 10	26 12	..	..	24 08	25 07	26 06	27 07	26 07	..	..	..	..	..	..
Dalbandin	..		28 05	20 04	25 06	22 07	33 07	31 13	28 16	..	..	02 05	09 08	25 05	26 12	..	..	08 02	28 05	28 06	30 09	29 15	31 18	29 14	28 21	25 48
D.I.K. Khan	..	..								..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drosh	..	..		02 01	05 03	08 03	14 04	20 08	21 05	..	..		12 02	03 08	05 04	..	..	..	..	04 08	01 07	26 09	16 08	32 01	30 24	28 23
Fort Sandeman	..	..		10 19	09 15	27 07	27 08	28 14	30 10				22 05	34 16	33 24	..	..	..	27 01	29 08	27 07	15 07	12 09	33 05	27 42	26 45
Jacobabad	18 10	19 11	20 10	25 07	27 06	35 08	34 07	24 05	30 15	20 15	20 10	20 08	22 04	24 07	27 07	16 04	22 03	24 04	19 07	19 06	31 02	35 06	03 04	29 17	28 30	25 50
Jiacore																										
Jiaibum	22 03	21 03	24 03	28 04	29 06	31 07	31 06	32 06	25 08	26 04	25 03	27 04	29 07	32 07	33 11	14 01	25 02	28 03	29 06	29 07	32 07	..	..	..	..	..
Kilai	17 07	14 07	14 03	30 06	36 12	36 25	35 20	33 19	32 16	18 08	21 06	28 06	30 07	33 09	35 13	22 06	23 09	25 05	21 03	35 13	01 19	36 30	..	..	..	..
Karachi	24 17	24 13	27 09	31 06	01 06	36 07	01 08	35 10	32 23	28 12	28 14	..	..	..	..	25 19	26 17	29 15	29 13	28 04	16 01	34 11	29 20	28 26	23 34	23 25
Khairpur	28 11	28 12	26 11	25 07	06 02	03 07	02 07	02 12	34 13	24 18	xx xx	xx xx	27 10	34 08	02 10	23 13	24 19	26 15	28 10	28 08	36 06	31 08	29 22	27 27	25 48	23 50
Lahore	31 08	31 10	29 08	28 10	29 11	33 08	01 06	29 05	25 12	26 15	28 21	29 15	31 12	32 00	35 06	31 06	30 14	29 15	29 12	29 09	29 08	31 08	34 10	33 10	32 10	36 50
Multan	22 09	19 08	18 09	19 07	17 06	03 10	03 08	04 14	35 12	19 19	21 19	21 21	23 13	17 05	13 02	19 09	21 08	18 08	18 09	18 07	30 06	30 09	02 08	30 07	29 15	25 34
Muscat	..																									
Palipur	..																									
Peshawar	..	34 04	21 01	21 02	21 06	19 10	21 09	32 04		..	27 01	27 01	08 03	11 06	11 12	..	30 30	34 03	33 02	26 25	25 07	25 11	26 15	25 15	11 13	24 41
Quetta	..	..		..	32 05	27 04	21 08	21 05	27 11		..	..		05 02	31 07		..		..	31 04	33 05	23 07	27 10	25 12	26 34	16 74
Sharjah																										
Sylhet	02 00	12 03	20 10	21 17	21 15	..	..	..	..	No	ascent	..	..	..	..	No	ascent	..	..	..	..	..	..	..	..	..
Varavel	..																									

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

RAWIN DATA * FOR 0600 HRS. G.M.T. OF DATE

Height in s. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.3	24.3
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	26 23	31 12	28 15	28 17	28 14	04 03	35 14	29 12	29 14	29 39	26 48	24 40	23 25					
Peshawar																		
Quetta																		

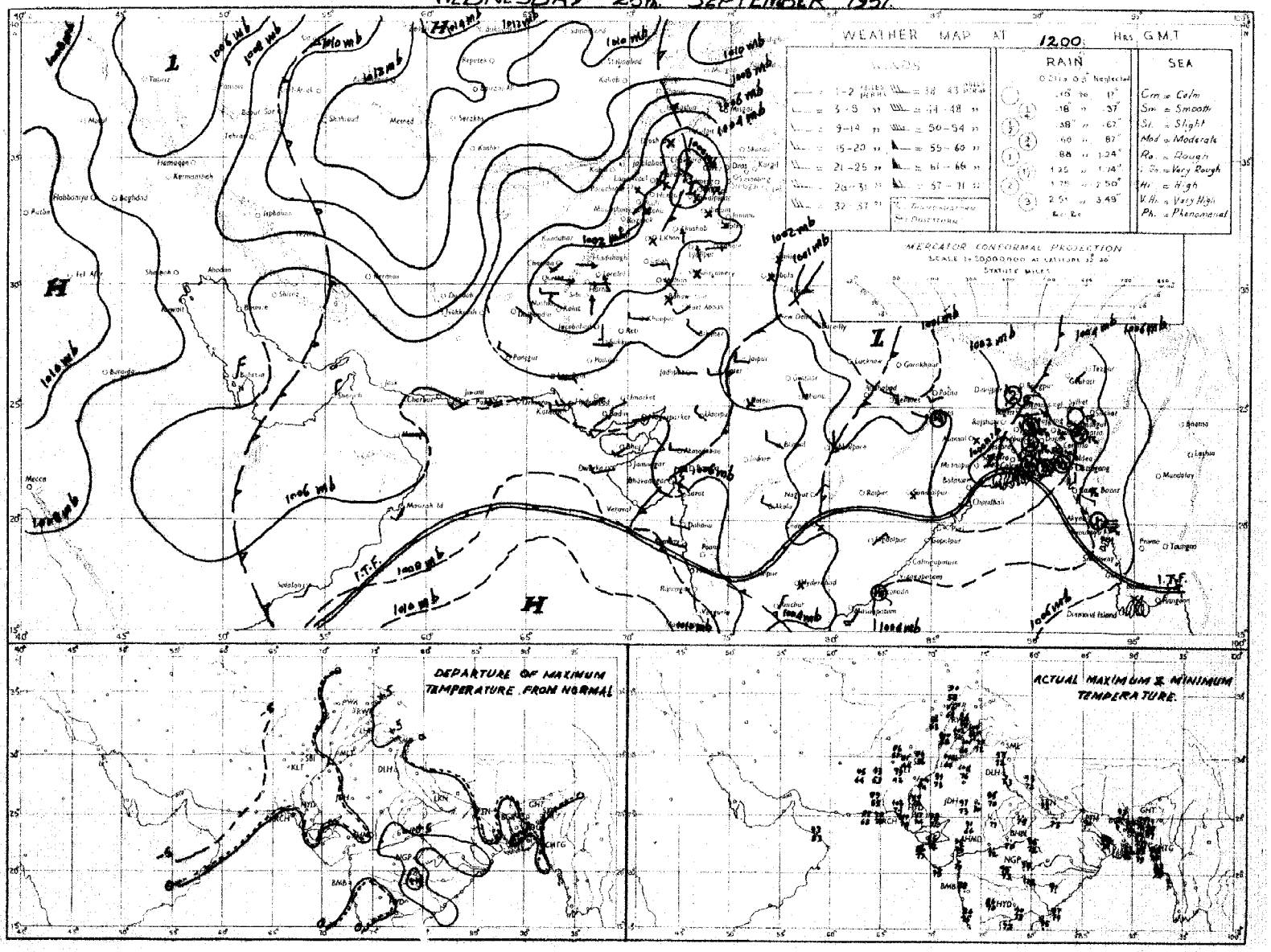
* The first two figures in each column give the wind direction "dd" in tens of degrees coming from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_E$v$_T$ etc)

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

PAKISTAN DAILY WEATHER MAP

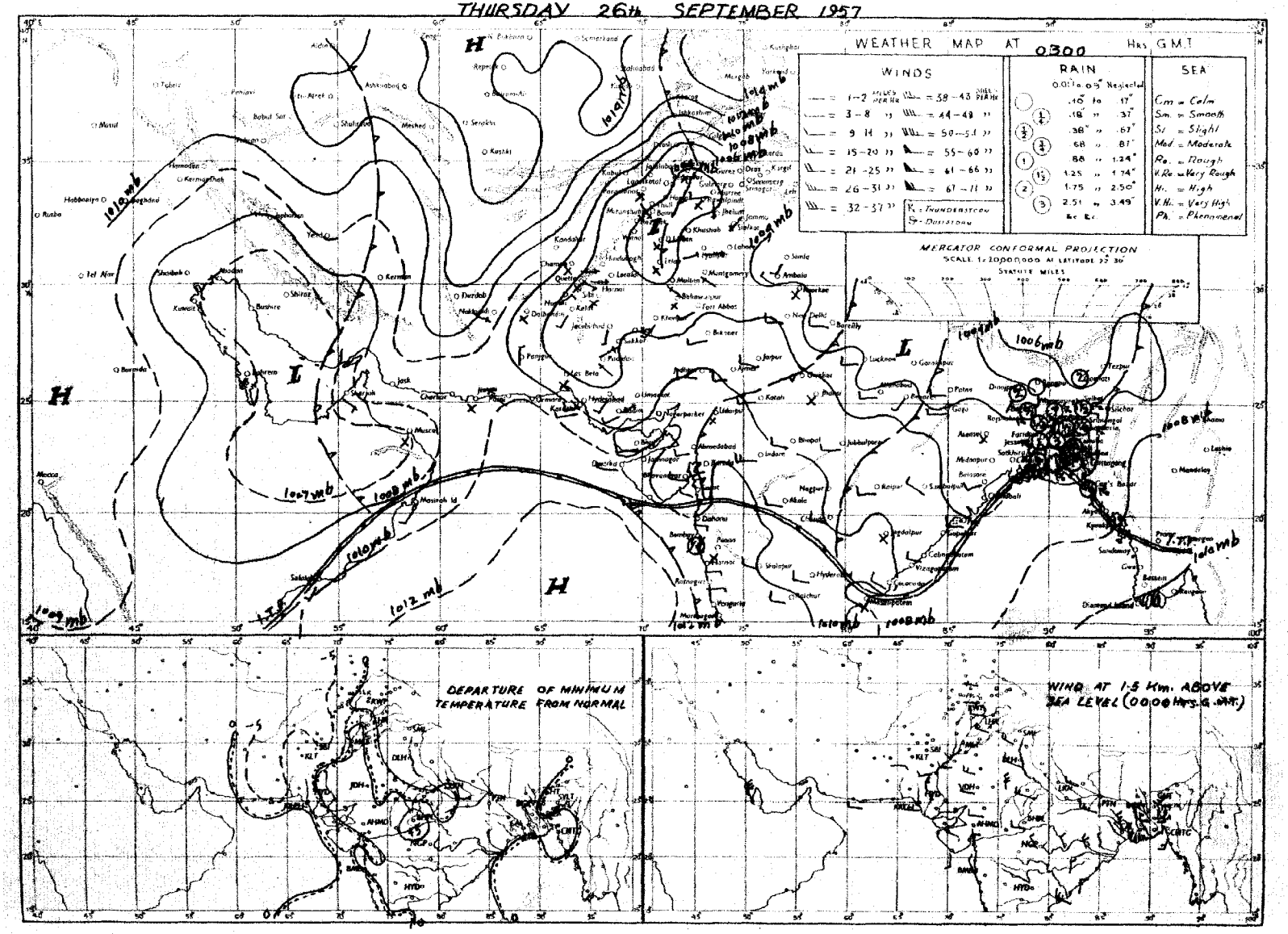
WEDNESDAY 25th SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 26th SEPTEMBER 1957



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

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PAKISTAN DAILY WEATHER REPORT

FRIDAY, THE 27th SEPTEMBER, 1957

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

Yesterday's low over Chittagong and Dacca divisions has become unimportant.

Rain/thundershowers have been widespread in Chittagong division and local elsewhere over East Pakistan.

Weather remained dry over the rest of the Country.

Chief amounts of rainfall are:—Cox's Bazar 4"; Chittagong and Sylhet 1½" each; Maijdee Court and Sirajganj 1" each; Brahmanbaria and Bogra ½" each and Mymensingh and Dinajpur ¼" each.

Day temperatures were 3-7°F below normal in Chittagong and Dacca divsions and 2-5°F so in Kalat division. They were 2-4°F above normal in Peshawar, Rawalpindi, D. I. Khan and Multan divisions.

Forecast valid until the evening of 28th:—Rain/thundershowers will be fairly widespread over East Pakistan. Weather will be dry over West Pakistan.

Karachi-11.
The 27th September, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	166	8	8	16	03	95	61	9	047	76	8	4	6	×	×	75	84
	Chittagong	×××	9	8	16	09	96	61	6	047	77	8	7	3	×	×	76	81
	Maijdee Court	105	9	8	13	02	98	02	6	037	79	4	6	6	4	×	77	80
	Comilla	005	3	8	15	02	97	50	9	035	79	8	9	4	×	×	78	82
	Brahmanbaria	040	8	8	18	05	95	62	6	031	78	8	7	2	×	×	77	81
	Sylhet	107	3	8	00	00	94	61	9	038	77	5	5	8	2	×	76	79
	Srimangal	007	7	8	00	00	××	60	6	042	78	8	5	5	×	×	75	85
Dacca	Mymensingh	027	1	8	11	02	96	03	6	029	78	8	7	4	×	×	78	84
	Narayanganj	012	9	8	27	02	94	03	6	026	80	8	7	5	×	×	77	81
	Dacca (Tezgaon)	004	3	8	20	02	96	13	9	027	79	0	9	4	2	×	78	82
	Faridpur	000	8	8	16	02	96	02	2	021	81	4	4	6	1	0	78	82
	Barisal	008	4	8	00	00	95	03	6	029	82	6	9	7	6	×	81	83
Rajshahi	Khulna	000	0	8	00	00	96	83	2	029	79	8	5	5	×	×	78	82
	Satkhira	000	0	8	00	00	96	03	2	030	81	8	2	6	×	×	80	84
	Jessore	012	2	8	18	02	96	03	6	025	78	8	3	1	×	×	77	85
	Sirajganj	025	1	8	00	00	92	63	9	016	80	8	7	×	×	×	76	89
	Bogra	000	0	6	00	00	96	02	2	006	85	6	6	6	0	0	79	91
	Dinajpur	030	6	8	00	00	96	02	6	005	79	4	4	2	×	×	74	80
	Rangpur	000	1	8	13	02	96	82	2	×××	81	8	7	5	×	×	80	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	016	96	0	0	9	0	0	63	97
	Sialkot	000	3	1	31	02	97	02	1	000	95	1	3	6	0	0	61	98
Rawalpindi	Jhelum	000	0	0	00	00	96	00	0	999	98	0	0	9	0	0	68	99
	Rawalpindi	000	0	1	00	00	99	02	0	999	93	1	2	6	0	0	49	97
	Khushab	000	0	0	20	03	98	00	0	002	02	0	0	9	0	0	64	02
Multan	Lyallpur	000	0	0	25	02	96	00	0	011	97	0	0	9	0	0	59	01
	Montgomery	000	0	0	00	00	97	00	0	014	99	0	0	9	0	0	58	01
	Multan	000	0	0	13	02	96	00	0	013	97	0	0	9	0	0	61	01
Bahawalpur	Leiah	000	0	0	00	00	98	00	0	×××	98	0	0	9	0	0	××	02
	Khanpur	000	0	0	23	08	98	00	0	016	97	0	0	9	0	0	83	99
	Bahawalpur	000	0	0	00	00	97	00	0	021	95	0	0	9	0	0	72	98
	Fort Abbas	000	0	0	23	02	97	00	0	012	00	0	0	9	0	0	61	03
Peshawar	Chakdara	000	0	0	××	××	98	00	0	986	92	0	0	0	0	0	58	98
	Peshawar	000	0	1	09	03	98	02	0	993	94	1	[illegible]	[illegible]	0	0	54	97
	Haripur	000	3	1	27	02	97	03	0	992	96	[illegible]	[illegible]	6	0	0	51	97
	Campbellpur	000	0	0	00	00	98	00	0	004	96	0	0	9	0	0	59	96
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	993	95	0	0	9	0	0	70	97
	D.I. Khan	000	0	0	00	00	98	00	0	001	00	0	0	9	0	0	73	02
Quetta	Sibi	000	0	0	00	00	98	00	0	011	03	0	0	9	0	0	69	06
Kalat	Nokkundi	000	0	0	34	02	99	02	0	008	92	0	0	9	0	0	19	95
	Turbat	000	0	0	28	02	97	00	0	060	01	0	0	9	0	0	86	07
	Jiwani	000	0	1	20	09	97	03	0	074	83	1	6	4	0	0	73	86
	Pasni	000	0	0	23	19	94	07	0	071	84	0	0	9	0	0	75	87
	Ormara	000	0	0	××	××	98	00	0	065	83	0	0	9	0	0	77	85
	Las Bela	000	0	0	09	04	98	00	0	081	96	0	0	9	0	0	76	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	09	98	02	1	054	82	2	0	4	5	1	76	86
	Karachi (Air port)	000	0	1	25	10	96	02	1	059	81	1	6	5	0	0	71	87
	Badin	000	0	0	23	02	99	00	0	057	90	0	0	9	0	0	69	95
	Nagarparker	×××	×	0	27	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	02	97	00	0	048	96	0	0	9	0	0	67	98
	Hyderabad	000	0	0	23	12	95	07	0	038	94	0	0	9	0	0	69	99
Khairpur	Padeedan	000	0	0	18	02	98	02	0	024	01	0	0	9	0	0	51	01
	Nawabshah																	
	Sukkur	000	0	0	25	02	96	00	0	021	97	0	0	9	0	0	68	99
	Kashmore																	
	Jacobabad	000	0	0	13	05	97	02	0	023	97	0	0	9	0	0	73	99
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	853	87	0	0	9	0	0	75	89
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg *																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	0	00	00	98	00	0	068	59	0	0	9	0	0	16	68
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	5	1	29	02	98	01	1	452	88	1	1	4	0	0	48	72
Peshawar	Drosh *	000	0	0	23	05	96	02	0	437	86	0	0	9	0	0	27	94
	Cherat *	000	0	0	13	02	97	00	0	460	83	0	0	9	0	0	××	××
	Kakul *	000	6	1	23	03	99	01	0	457	82	1	2	7	0	0	48	85
	Landi Kotal *	000	0	0	02	03	97	00	0	439	87	0	0	9	0	0	37	90
D.I. Khan	Parachinar *	000	0	0	36	02	99	00	0	493	78	0	0	9	0	0	26	××
	Miranshah *	000	0	0	00	00	99	00	0	485	89	0	0	9	0	0	65	91
	Wana *	000	0	0	23	01	99	00	0	428	87	0	0	9	0	0	38	00
Quetta	Fort Sandeman *	000	0	0	22	02	98	00	0	457	87	0	0	9	0	0	25	88
	Hindubagh *	000	0	0	27	02	98	00	0	454	79	0	0	9	0	0	41	83
	Loralai *	000	0	0	13	02	98	00	0	434	82	0	0	9	0	0	38	87
	Harnai *	000	0	0	27	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	31	00	98	02	0	474	79	0	0	9	0	0	61	81
Kalat	Chaman *	000	0	0	23	03	98	00	0	478	83	0	0	9	0	0	33	85
	Kalat *	000	0	0	31	07	98	00	0	473	72	0	0	9	0	0	32	78
	Nushki *	000	0	0	23	05	96	00	0	541	89	0	0	9	0	0	50	89
	Dalbandin *	000	0	0	27	03	96	02	0	482	92	0	0	9	0	0	38	92
	Panjgur *	000	0	0	31	03	98	00	0	492	88	0	0	9	0	0	28	89
Afghanistan	Kabul *	000	0	2	14	00	99	03	0	500	77	2	1	9	0	0	45	80
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1957 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1957 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	342	9	8	16	03	95	61	9	062	76	8	4	6	2	×	76	75	− 3	0	116.7	+ 8.3	127.5	140
	Chittagong	×××	6	8	11	08	97	02	6	056	78	0	6	5	×	×	77	75	− 6	− 1	69.8	− 6.7	77.3	108
	Maijdee Court	105	9	8	23	02	98	01	2	046	84	0	0	9	2	2	80	76	− 7	− 1	65.7	− 17.9	75.6	115
	Comilla	015	9	7	00	10	98	01	9	048	81	7	7	5	0	0	80	77	− 6	+ 1	48.2	− 14.1	60.1	94
	Brahmanbaria	054	9	5	18	02	97	03	6	044	83	5	5	3	0	0	80	77	—	—	4.20	− 5.2	57.8	78
	Sylhet	132	4	8	09	05	94	61	6	041	75	7	7	4	2	×	74	75	—	—	72.8	—	122.9	
	Srimangal	017	3	5	18	02	97	02	6	043	85	5	4	6	0	0	76	76	—	—	—	—		98
Dacca	Mymensingh	027	0	6	13	02	98	02	2	039	82	6	4	5	0	0	79	76	− 3	− 1	28.4	− 33.7	49.1	91
	Narayanganj	012	9	8	23	03	95	03	2	038	85	6	7	6	×	8	79	78	− 7	0	21.8	− 25.9	62.5	74
	Dacca (Tezgaon)	004	9	6	23	05	97	03	2	038	85	1	1	5	3	4	79	79	—	—	47.7	—	62.7	
	Faridpur	005	9	6	20	02	96	03	0	029	84	1	5	7	1	0	77	77	− 5	− 1	39.9	− 6.3	52.0	71
	Barisal	006	9	6	00	00	95	03	5	048	85	7	0	9	6	0	79	80	− 5	+ 2	44.1	− 11.6	61.1	81
Rajshahi	Khulna	000	0	8	18	03	97	01	2	050	83	8	5	7	×	×	79	77	− 6	0	40.7	− 7.3	40.7	[illegible]
	Satkhira	000	0	6	00	00	97	03		047	84	9	5	1	9	0	78	78	− 3	+ 2	35.9	− 4.5	51.6	[illegible]
	Jessore	012	0	4	23	05	97	01		043	83	4	0	9	6	0	77	75	—	—	37.8	− 5.6	41.1	[illegible]
	Sirajganj	092	9	2	13	02	97	00	9	021	86	0	0	9	0	1	79	77	+ 2	+ 3	—	—	—	[illegible]
	Bogra	058	9	4	27	02	97	01	9	025	82	4	4	6	0	0	78	77	+ 3	0	58.2	+ 9.0	63.7	[illegible]
	Dinajpur	030	0	6	00	00	96	02	2	037	82	0	0	9	0	0	78	71	+ 2	− 6	44.8	− 16.6	47.0	[illegible]
	Rangpur	012	0	5	13	02	96	01	2	×××	84	5	5	6	0	0	78	73	+ 3	+ 3	44.7	− 15.9	53.5	[illegible]
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	13	02	96	02	0	027	79	0	0	9	0	0	62	70	− 1	+ 2	16.7	+ 2.3	25.4	19
	Sialkot	000	0	0	05	02	97	00	0	024	77	0	0	9	0	0	65	73	+ 3	+ 3	21.9	− 1.5	45.1	28
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	030	76	0	0	9	0	0	61	67	—	—	16.7	—	27.3	..
	Rawalpindi	000	0	0	00	00	98	00	1	038	78	0	0	9	0	0	43	64	+ 4	− 1	14.6	− 8.7	30.6	36
	Khushab	000	0	0	11	02	98	00	0	027	82	0	0	9	0	0	65	68	+ 4	+ 3	8.2	− 1.9	17.0	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	024	72	0	0	9	0	0	62	67	+ 3	− 3	10.1	+ 1.0	16.2	[illegible]
	Montgomery	000	0	0	23	02	97	00	0	017	77	0	0	9	0	0	63	69	+ 2	− 3	6.4	− 1.0	10.2	[illegible]
	Multan	000	0	0	18	02	96	00	0	023	77	0	0	9	0	0	63	66	+ 3	− 7	0.7	− 4.1	4.1	[illegible]
Bahawalpur	Leiah	000	0	0	00	00	97	00	0	×××	71	0	0	9	0	0	××	××	—	—	—	—	—	[illegible]
	Khanpur	000	0	0	21	05	96	00	0	041	76	0	0	9	0	0	75	75	− 1	+ 3	0.2	− 4.6	1.2	[illegible]
	Bahawalpur	000	0	0	00	00	97	00	0	032	80	0	0	9	0	0	73	72	− 1	+ 2	1.3	− 2.9	2.5	[illegible]
	Fort Abbas	000	0	0	23	03	97	00	0	037	86	0	0	9	0	0	66	76	—	—	—	—	—	[illegible]
Peshawar	Chakdara	000	0	0	××	×7	97	00	0	029	68	0	×	9	×	×	52	48	—	—	2.7	—	12.5	14
	Peshawar	000	0	0	13	02	97	02	0	024	70	0	0	9	0	0	58	64	+ 4	− 3	1.9	− 2.4	13.0	..
	Haripur	000	0	0	27	02	97	00	0	022	79	0	0	9	0	0	47	68	—	—	7.9	—	11.9	..
	Campbellpur	000	0	0	00	00	98	00	0	034	74	0	0	9	0	0	56	67	—	—	5.7	—	21.1	..
D.I. Khan	Bannu	000	0	0	27	02	99	00	0	022	78	0	0	9	0	0	60	70	—	—	2.4	—	9.5	11
	D.I. Khan	000	0	0	00	00	97	00	0	012	75	0	0	9	0	0	65	68	+ 4	− 3	2.3	− 3.1	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	046	74	0	0	9	0	0	59	73	—	—	1.1	—	6.2	5
Kalat	Nokkundi	000	0	0	34	05	99	02	0	082	75	0	0	9	0	0	29	64	—	—	0	—	1.9	2
	Turbat	000	0	0	00	00	98	00	0	073	92	0	0	9	0	0	××	81	—	—	2.5	—	5.9	..
	Jiwani	000	0	3	28	02	96	02	0	088	79	3	5	5	0	0	72	75	—	—	0	—	9.1	4
	Pasni	000	0	0	27	00	96	00	0	103	74	0	0	9	0	0	72	70	− 4	− 1	0	− 0.9	6.2	6
	Ormara	000	0	5	××	03	98	02	0	103	77	5	4	6	0	0	76	73	—	—	0	− 0.8	3.8	6
	Las Bela	000	0	0	00	00	98	00	0	068	79	0	0	9	0	0	76	75	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	27	09	97	01	1	075	80	2	6	4	5	0	74	77	0	+ 1	0.6	− 5.4	1.1	8
	Karachi (Air port)	000	0	6	25	09	96	02	2	078	80	6	5	6	0	0	73	78	—	—	0.9	—	1.0	
	Badin	000	0	0	23	02	96	00	0	079	78	0	0	9	0	0	71	××	− 1	×	—	—	—	9
	Nagarparker	×××	×	0	23	02	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	—	—	—	
	Umarkot	000	0	0	23	03	97	00	0	064	79	0	0	9	0	0	68	72	—	—	4.7	—	4.7	
	Hyderabad	000	0	0	23	12	97	02	0	061	79	0	0	9	0	0	71	75	0	0	0.9	− 5.1	2.8	7
Khairpur	Padeedan	000	0	0	18	02	98	02	0	043	75	0	0	9	0	0	66	69	—	—	0.1	—	1.4	
	Nawabshah																							
	Sukkur	000	0	0	02	02	96	00	0	042	75	0	0	9	0	0	69	73	—	—	0.1	—	2.9	4
	Kashmore																							
	Jacobabad	000	0	0	13	03	96	02	0	048	78	0	0	9	0	0	73	78	− 2	− 1	0	− 2.3	3.5	4
Junagarh	Veraval																							
Afghanistan	Jalalabad																							
Arabia	Muscat	000	0	0	27	05	99	00	0	078	84	0	0	9	0	0	80	83	− 2	+ 1	0	− 0.1	6.9	
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							
	Gulmarg *																							
	Sonamarg **																							
	Dras **																							
	Leh **																							
	Skardu *																							
	Misgar **																		—	—	—	—	—	
	Aliabad *																							
	Gilgit *																							
Rawalpindi	Murree *	000	9	0	27	02	98	00	1	460	63	0	0	9	0	0	45	56	+ 2	+ 3	24.3	− 10.9	58.0	59
Peshawar	Drosh *	000	0	0	00	00	96	02	0	472	63	0	0	9	0	0	35	61	+ 10	+ 1	2.1	—	24.3	18
	Cherat *	000	0	0	00	00	97	00	0	456	70	0	0	9	0	0	41	65	—	+ 2				29
	Kakul *	000	0	0	31	02	97	02	0	459	70	0	0	9	0	0	51	64	—	—	14.2	—	41.8	
	Landi Kotal *	000	0	0	00	00	97	00	0	443	74	0	0	9	0	0	64	61	—	—	1.1	—	15.3	
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	793	48	0	0	9	0	0	26	××	—	—	6.7	—	25.8	29
	Miranshah *	000	0	0	00	00	99	00	0	470	71	0	0	9	0	0	54	65	—	—	3.1	− 1.6	15.4	13
	Wana *	000	0	0	00	00	99	00	0	448	62	0	0	9	0	0	37	53	—	—	—	—	—	
Quetta	Fort Sandeman *	000	0	0	00	00	98	00	0	476	70	0	0	9	0	0	23	59	− 2	− 2	2.4	− 2.5	12.9	11
	Hindubagh *	000	0	0	27	02	98	00	0	481	61	0	0	9	0	0	25	56	—	—	0	—	12.3	
	Loralai *	000	0	0	31	05	98	00	0	489	59	0	0	9	0	0	21	52	—	—	1.9	—	10.7	
	Harnai *	000	0	0	31	02	98	00	0	×××	××	0	0	9	0	0	××	××	—	—	2.0	− 5.4	14.3	14
	Quetta *	000	0	0	00	00	96	00	0	447	56	0	0	9	0	0	30	38	—	—	0	− 1.0	9.5	
Kalat	Chaman *	000	0	0	11	03	97	00	0	497	68	0	0	9	0	0	35	53	− 2	− 6	0	− 0.2	[illegible]	8
	Kalat *	000	0	0	18	03	98	00	0	503	50	0	0	9	0	0	21	40	− 2	− 4	0	− 1.2	8.4	7
	Nushki *	000	0	0	36	05	97	00	0	533	70	0	0	9	0	0	31	64	—	—	0	—	8.1	
	Dalbandin *	000	0	0	00	00	96	02	0	468	59	0	0	9	0	0	31	52	− 5	− 6	0	− 0.3	4.4	4
	Panjgur *	000	0	0	05	03	98	00	0	485	63	0	0	9	0	0	15	54	− 5	− 7	0	—	4.2	5
Afghanistan	Kabul *	000	0	0	18	00	99	00	0	533	53	0	0	9	0	0	44	42	—	—	—	—	—	12
	Kandahar *																							

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day.

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 27th SEPTEMBER, 1957

WIRELESS REPORTS RECEIVED

SHIPS IN	YQ $L_1L_2L_3$	$L_0L_0L_0$ GG	N dd ff	VV ww W	PPP TT	$N_h C_h h_h$ $C_m C_m$	$D_v V_v$ a PP	8 N_s C $h_s h_s$	O T_wT_w T_dT_d	T_xT_x $d_xP_xP_xH_x$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
American Trader	52 142	616 96	3 24 06	98 01 1	099 82	00 9 20				
Radio	53 190	599 12	0 30 09	88 02 8	094 74	00 9 00	2 6 793		0 02 72	0 16 33
Yasum	53 187	578 12	0 14 06	97 0x 0	23x 26	00				

UPPER AIR DATA

At surface and Standard Isobaric Levels *

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	250 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagdad														
Chittagong														
Dacca														
Karachi	00 00	005 254 258	046 255 255	..	479 225 132	..	140 112 598	602 032 745	856 538 999	591 423 999	975 729			
Lahore														
Multan														
Peshawar	00 00	Hindu												
Quetta	00 00	009 083 562					100 058 999	347 015 999	786 548 999					

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$								Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TTT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagdad													
Chittagong													
Dacca													
Karachi	00 00	948 218 218	900 218 205	835 225 132	660 188 062	350 678 999					550 678 999		
Lahore													
Multan													
Peshawar	00 00	Hindu											
Quetta	00 00	800 142 782	725 102 558	693 086 999	596 000 999						596 000 999		

PPP-Pressure in hundreds mbs and units of millibars.
TTT, ($T_dT_dT_d$) Dry Bulb ; Dew Point temperature (in tenths of °C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TTT-Dry Bulb temperature in °C.
50 has been added to the numbers when temperature is negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T.† of Previous Day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T.† of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T.† of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION.	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
Bagdad	31 03	25 06	31 06	..	..	..	..	..	..	28 17	29 16	28 15	29 20	29 18	28 19	29 09	29 15	28 20	28 23	..	..	..	..	..	..	..
Chittagong	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dacca	22 13	23 13	24 10	28 05	32 06	01 07	29 19	28 25	28 28	24 26	25 30	25 20	23 13	22 09	..	..	..	..	..	..	..	..	..	..	..	..
Chittagong	No	ascent	..	..	..	..	..	..	..	20 32	24 10	..	..	..	..	19 07	19 18	29 25	..	..	..	..	..	..	..	..
Cox's Bazar	No	ascent	..	..	..	..	..	..	..	..	No	ascent	..	..	..	19 13	24 11	26 13	28 11	..	..	..	..	..	..	..
Delhi	23 09	22 08	23 08	25 08	..	..	..	..	..	27 17	28 17	29 15	29 20	29 14	24 13	24 08	27 07	28x11	28 05	28 15	24 13	25 09	26 07	30 06	17 06	17 12
Dibrugarh	..	..	25 06	27 07	27 06	28 06	29 11	28 19	28 23	..	..	35 05	35 05	01 09	34 05	..	..	09 01	33 04	01 07	30 12	33 08	34 04	29 08	24 09	34 30
D. I. Khan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gauhati	..	..	..	32 10	32 13	22 13	14 05	18 03	33 09	..	..	..	23 02	35 02	33 06	..	..	..	..	02 05	35 06	35 07	19 05	29 13	31 09	29 28
Peshawar	..	..	..	..	..	..	..	..	..	..	..	..	21 06	30 12	21 06	..	..	35 04	28 05	28 06	31 10	32 04	31 10	25 09	31 42
Rawalpindi	..	..	..	..	..	..	..	..	..	..	..	..	28 04	25 02	..	05 04	03 08	02 11	17 11	19 07	15 02	33 07	37 08	33 16	25 49	33 64
Sargodha	15 11	19 10	21 09	27 07	27 06	24 08	28 08	30 13	29 21	19 15	23 06	28 05	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jacobabad	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jaipur	21 01	24 02	29 02	29 07	29 08	32 08	33 09	31 12	31 13	17 02	19 02	20 06	30 09	33 07	34 19	13 02	16 05	21 05	24 03	27 05	22 06	33 09	33 06	28 09	28 34	22 36
Jhansi	22 09	24 09	24 10	29 08	33 13	33 17	33 16	29 23	27 30	20 08	24 09	26 08	32 08	31 14	33 14	22 06	23 09	25 05	31 03	35 13	01 19	36 30	..	..	..	..
Karachi	25 15	25 19	28 19	27 17	25 16	20 08	30 15	28 23	28 30	27 18	27 21	27 21	..	..	..	27 19	29 26	29x15	..	..	..	..	..	..	..	..
Kilimpur	24 15	24 19	25 17	26 08	29 05	30 03	35 04	30 15	28 24	23 34	26 40	27 43	27 35	27 19	25 08	23 15	27 47	27 17	27 15	26 13	15 19	27 11	30 17	26 39	24 49	25 63
Lahore	32 06	30 08	29 09	29 13	29 13	32 13	33 13	33 10	31 13	34 12	29 15	28 11	29 07	32 05	34 05	23 03	28 05	26 03	27 05	28 04	32 07	34 11	31 09	30 28	27 38	28 38
Multan	21 09	20 09	20 10	21 12	25 09	35 04	32 12	34 10	33 11	24 16	26 08	30 12	28 12	28 15	27 18	25 09	26 13	25 13	25 14	26 15	24 07	03 04	32 08	30 08	26 48	25 70
Peshawar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Multan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pasni	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peshawar	..	..	..	..	35 10	28 13	19 05	27 08	30 09	..	..	..	..	34 04	31 08	..	35 06	34 06	34 04	32 08	28 11	28 13	29 15	34 48	30 48	24 42
Quetta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34 04	03 06	04 04	31 06	31 ..	25 49	25 38
Sharjah	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sylhet	No	ascent	..	..	..	..	..	..	..	No	ascent	..	..	..	..	19 08	28 04	26 08	35 46	..	..	..	..	..	..	..
Veraval	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	20.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Chittagong	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dacca	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Karachi	25 06	29 04	29 05	29 04	28 06	31 06	28 03	29 05	28 04	..	..	..	..	..	..	..	..
Peshawar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quetta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

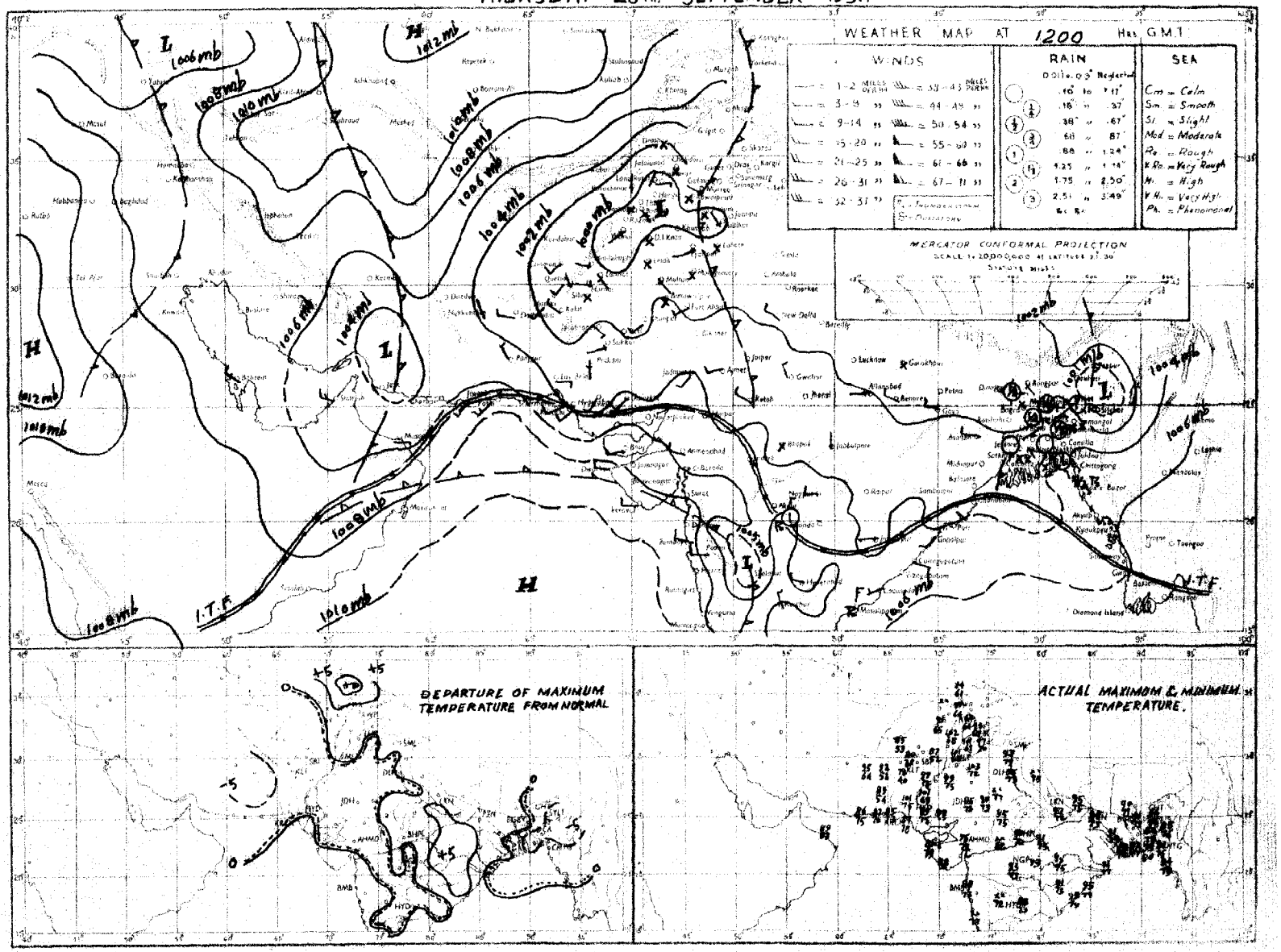
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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

PAKISTAN DAILY WEATHER MAP

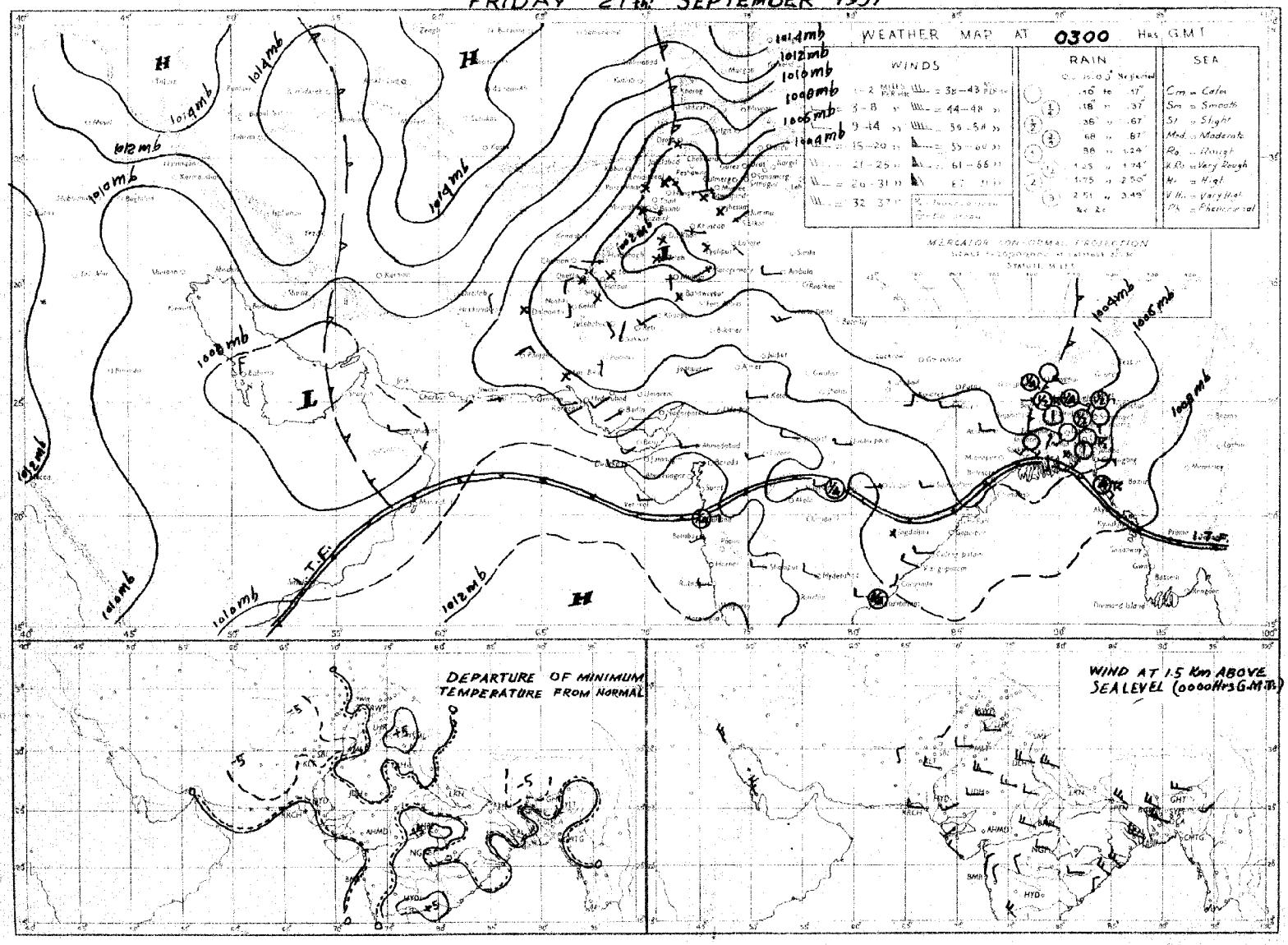
THURSDAY 26th: SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 27th SEPTEMBER 1957



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

Monthly Subscription.

Reg. No. S 1467

PAKISTAN DAILY WEATHER REPORT

Pages 1—2. Rs. 3/-.
Pages 1—4. Rs. 5/-.

SATURDAY, THE 28th SEPTEMBER, 1957

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

Observations lacking but believe an easterly low pressure wave is moving into the north Andaman Sea.

Local rain/thundershowers have been reported from Chittagong division; otherwise weather has remained dry over the country.

Cox's Bazar and Sylhet recorded ½" of rain each.

Day temperatures were 2-6°F above normal in East Pakistan and in Peshawar, Rawalpindi, Lahore, Multan and D. I. Khan divisions and were 3-6°F below normal in Kalat division.

Forecast valid until the evening of 29th:—Scattered thunderstorms/showers will occur in Chittagong and Dacca divisions. Dry weather will prevail over the country.

Karachi-11.
The 28th September, 1957.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

DIVISIONS	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Departure from normal	Since 1st January 1957 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	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	003	9	8	16	03	95	02	6	050	78	8	4	6	×	×	77	80	062	3	7	16	03	95	60	6	100	76	6	4	6	1	8	76	72	− 7	− 3	117.3	+ 8.5	128.2	140
	Chittagong	000	0	6	16	05	96	02	2	047	80	3	4	6	2	0	77	85	000	0	4	13	05	97	01	1	094	82	2	0	9	2	1	76	77	− 2	+ 1	69.8	− 7.0	77.3	108
	Kaptai Court	000	8	6	00	00	99	01	0	030	86	0	0	9	3	3	80	90	000	9	4	13	02	98	01	1	084	86	0	0	9	2	2	79	81	+ 3	+ 4	65.7	− 18.3	75.4	115
	Comilla	000	0	5	00	00	98	01	1	027	88	5	9	7	0	0	77	90	000	0	6	18	05	98	01	1	084	85	6	4	7	0	0	80	79	+ 2	+ 3	68.2	− 14.4	60.1	94
	Brahmanberia	000	0	0	00	00	97	01	2	025	85	0	0	9	0	0	79	91	000	0	6	18	05	97	03	2	084	85	6	4	5	0	0	79	78	—	—	42.0	− 5.4	57.8	78
	Sylhet	022	1	8	29	02	96	21	9	023	79	5	3	5	2	×	78	83	057	5	8	27	09	94	62	6	080	72	6	5	4	2	×	73	74	—	—	72.9	—	123.5	[illegible]
	Srimangal	000	0	7	13	05	96	13	9	024	81	7	4	6	0	0	78	88	000	0	5	18	02	97	02	1	083	84	5	5	6	0	0	77	76	− 3	+ 2	—	—	—	98
Dacca	Mymensingh	000	0	6	00	00	98	02	2	020	87	0	0	9	0	8	77	91	000	0	0	27	02	98	00	1	078	85	0	0	9	0	0	78	77	+ 4	0	28.4	− 34.1	69.1	91
	Narayanganj	000	9	7	23	02	95	03	1	021	87	2	5	6	0	8	88	92	000	9	1	18	03	96	01	2	082	87	1	5	5	0	0	78	81	+ 4	+ 3	21.8	− 26.1	62.5	74
	Dacca (Tejgaon)	000	6	5	23	02	97	02	1	020	85	1	2	5	0	4	78	90	000	9	3	23	05	98	03	1	075	86	3	8	6	0	0	80	78	—	—	47.7	—	62.7	[illegible]
	Faridpur	000	8	4	00	00	95	01	1	021	85	2	4	8	1	0	78	86	000	9	0	20	02	96	00	0	069	76	0	0	9	0	0	77	79	− 1	+ 1	39.9	− 6.5	52.0	71
	Barisal	000	0	6	00	00	96	03	2	034	89	4	6	4	9	0	79	92	000	4	4	13	02	96	03	4	085	87	8	0	9	6	0	79	81	+ 4	+ 3	44.1	− 11.8	61.1	[illegible]
Khulna	Khulna	000	0	8	00	00	97	01	2	027	89	6	5	7	3	×	80	93	000	0	0	18	03	97	00	0	083	87	0	0	9	0	0	80	80	+ 5	+ 3	40.7	− 74.7	48.7	68
	Satkhira	000	0	8	00	00	96	03	1	028	88	8	2	6	×	×	82	88	000	0	4	05	02	99	01	0	081	86	0	3	9	6	0	79	79	+ 1	+ 3	35.9	− 9.7	51.6	65
	Jessore	000	0	8	18	03	96	03	2	031	85	8	8	5	×	×	79	91	000	0	0	18	03	97	00	0	076	85	0	0	9	0	0	79	78	—	—	37.8	− 5.8	41.1	65
	Sirajganj	000	0	6	00	00	94	02	0	029	85	0	0	9	0	1	78	93	000	0	0	00	00	96	01	4	067	87	1	1	4	0	0	75	78	+ 6	+ 1	—	—	—	64
	Bogra	000	0	0	27	02	97	02	1	018	89	0	0	9	0	0	73	93	000	0	0	13	02	98	00	0	067	84	0	0	9	0	0	77	78	+ 5	+ 1	58.2	+ 2.8	65.7	69
	Dinajpur	000	0	0	00	00	95	00	0	012	86	0	0	9	0	0	74	90	000	0	0	00	00	96	00	0	071	85	0	0	9	0	0	76	71	+ 2	− 6	44.0	− 11.4	47.0	72
	Rangpur	000	0	1	09	02	96	01	1	×××	87	1	5	6	0	8	79	90	000	0	3	27	05	96	01	1	×××	83	3	0	9	0	2	73	76	+ 2	0	44.3	− 16.3	53.5	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	999	96	0	0	9	0	0	66	00	000	0	0	18	02	96	02	0	044	78	0	0	9	0	0	65	68	+ 2	0	16.7	+ 2.3	25.4	19
	Sialkot	000	0	0	00	00	97	00	0	994	96	0	0	9	0	0	67	00	000	0	0	05	02	97	00	0	028	79	0	0	9	0	0	63	73	+ 5	+ 3	21.9	− 1.5	45.1	32
Rawalpindi	Jhelum	000	0	0	23	02	97	02	0	992	97	0	0	9	0	0	61	00	000	0	0	31	02	97	02	0	040	76	0	0	9	0	0	63	68	—	—	16.8	—	27.3	[illegible]
	Rawalpindi	000	0	0	00	00	99	00	0	986	94	0	0	9	0	0	47	97	000	0	0	00	00	99	00	0	025	67	0	0	9	0	0	57	66	+ 4	+ 1	14.7	− 8.3	30.6	36
	Khushab	000	0	0	00	00	98	00	0	994	99	0	0	9	0	0	68	××	000	0	0	07	02	98	00	0	032	80	0	0	9	0	0	64	67	×	− 4	8.2	− 1.9	17.0	15
Multan	Lyallpur	000	0	0	13	02	96	00	0	001	97	0	0	9	0	0	56	99	000	0	0	00	00	96	00	0	043	78	0	0	9	0	0	59	68	+ 1	− 2	10.1	+ 1.0	16.2	12
	Montgomery	000	0	0	00	00	97	00	0	008	00	0	0	9	0	0	68	00	000	0	0	23	02	97	00	0	037	76	0	0	9	0	0	63	66	+ 1	− 6	6.4	− 7.0	10.2	10
	Multan	000	0	0	13	02	96	00	0	995	96	0	0	9	0	0	67	02	000	0	0	23	03	96	00	0	027	75	0	0	9	0	0	67	68	+ 4	− 5	0.2	− 4.2	4.1	7
Bahawalpur	Laiah	000	0	0	00	00	97	00	0	×××	93	0	0	9	0	0	××	94	000	0	0	00	00	98	00	0	×××	75	0	0	9	0	0	××	67	—	—	—	—	—	8
	Khanpur	000	0	0	23	03	96	00	0	013	98	0	0	9	0	0	85	00	000	0	0	22	05	96	00	0	059	77	0	0	9	0	0	77	72	0	0	0.2	− 4.6	1.2	6
	Bahawalpur	000	0	0	00	00	97	00	0	010	94	0	0	9	0	0	65	00	000	0	0	18	02	97	00	0	045	80	0	0	9	0	0	73	75	+ 1	+ 5	1.3	− 3.9	2.5	6
	Sors Abbas	000	0	0	23	02	97	00	0	008	01	0	0	9	0	0	50	04	000	0	0	23	05	97	00	0	049	87	0	0	9	0	0	67	75	—	—	2.6	—	5.5	8
Peshawar	Chakdara	000	0	1	××	××	98	01	1	962	88	1	2	7	0	0	56	93	000	0	0	00	00	97	00	0	041	68	0	0	9	0	0	50	49	—	—	2.7	—	17.5	[illegible]
	Peshawar	000	0	1	05	03	97	02	0	984	93	1	1	7	8	0	57	96	000	0	0	00	00	98	02	0	037	72	0	0	9	0	0	57	66	+ 3	− 1	1.9	− 2.5	13.0	14
	Haripur	000	3	1	23	02	97	01	0	974	95	1	1	6	0	0	53	98	000	0	0	23	02	98	00	0	030	78	0	0	9	0	0	49	69	—	—	7.9	—	11.9	[illegible]
	Campbellpur	000	0	0	00	00	98	00	0	013	96	0	0	9	0	0	59	96	000	0	0	36	02	98	00	0	042	76	0	0	9	0	0	57	65	—	—	5.7	—	21.1	[illegible]
D.I. Khan	Bannu	000	0	0	13	02	99	00	0	984	95	0	0	9	0	0	65	99	000	0	0	31	03	99	00	0	026	83	0	0	9	0	0	56	70	—	—	2.4	—	9.5	11
	D.I. Khan	000	0	0	00	00	98	00	0	998	01	0	0	9	0	0	50	02	000	0	0	00	00	97	00	0	018	75	0	0	9	0	0	62	66	+ 4	− 5	2.3	− 3.2	7.8	10
Quetta	Sibi	000	0	0	23	01	98	00	0	997	03	0	0	9	0	0	73	07	000	0	0	00	00	99	00	0	047	74	0	0	9	0	0	59	73	—	—	1.1	—	6.2	5
	Nokkundi	000	0	0	34	05	99	02	0	023	93	0	0	9	0	0	26	07	000	0	0	34	05	99	02	0	069	75	0	0	9	0	0	29	63	—	—	0	—	1.9	2
Kalat	Turbat	000	0	0	23	02	97	00	0	061	02	0	0	9	0	0	80	02	000	0	0	00	00	98	00	0	069	91	0	0	9	0	0	01	81	—	—	0.1	—	3.9	[illegible]
	Jiwani	000	0	2	18	09	97	02	0	057	81	2	5	5	0	0	73	86	000	0	2	23	03	96	01	1	067	79	2	5	5	0	0	73	74	—	—	0	—	3.1	4
	Pasni	000	0	0	24	26	94	07	0	066	84	0	0	9	0	0	63	88	000	0	4	00	00	94	4	0	080	75	4	5	7	0	0	73	70	− 3	− 1	0	− 0.9	6.2	6
	Ormara	000	0	0	××	××	96	00	0	062	83	0	0	9	0	0	79	84	000	0	6	××	××	98	02	1	079	78	6	4	5	0	0	74	75	—	—	0	− 0.8	3.8	6
	Las Bela	000	0	0	13	06	98	02	0	071	95	0	0	9	0	0	75	00	000	0	0	09	02	98	02	0	074	83	0	0	9	0	0	74	76	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	12	98	01	1	053	82	2	0	9	5	0	76	85	000	0	3	27	09	97	01	1	066	79	3	0	9	7	0	73	77	− 1	+ 1	0.6	− 5.4	1.1	8
	Karachi (Air port)	000	0	4	25	14	97	02	2	051	83	4	5	6	0	0	72	88	000	0	7	25	07	96	03	1	071	80	7	5	5	0	0	73	77	—	—	0.9	—	1.0	9
	Badin	000	0	0	23	02	97	00	0	058	91	0	0	9	0	0	69	95	000	3	2	23	02	96	20	3	074	78	0	7	9	0	0	72	××	− 1	×	—	—	—	
	Nagarparkar	×××	×	0	27	02	98	00	0	×××	××	0	0	9	0	0	××	××	×××	×	0	00	00	98	00	0	×××	×	0	0	9	0	0	××	××	—	—	—	—	—	
	Umarkot	000	0	0	23	03	97	00	0	023	99	0	0	9	0	0	67	96	000	0	0	23	03	97	00	0	060	77	0	0	9	0	0	71	73	—	—	4.7	—	4.7	
	Hyderabad	000	0	0	23	10	97	02	0	028	95	0	0	9	0	0	69	99	000	0	0	23	10	97	02	0	056	79	0	0	9	0	0	72	75	0	0	0.9	− 5.1	2.8	7
Khairpur	Padi-i-dan	000	0	0	31	02	98	02	0	012	01	0	0	9	0	0	34	04	000	0	0	09	02	98	02	0	048	76	0	0	9	0	0	67	69	—	—	0.1	—	1.4	
	Nawabshah																																								
	Sukkur	000	0	0	29	02	96	00	0	009	95	0	0	9	0	0	68	96	000	0	0	25	05	96	00	0	045	76	0	0	9	0	0	71	72	—	—	0.1	—	2.9	4
	Kashmore																																								
	Jacobabad	000	0	0	13	10	97	02	0	011	97	0	0	9	0	0	69	01	000	0	0	09	05	97	02	0	029	76	0	0	9	0	0	71	70	0	− 3	0	− 2.3	3.5	4
Junagarh	Veraval																																								20
Arabian Sea	Jalalabad																																								
	Muscat	000	0	0	30	15	99	00	0	053	83	0	0	9	0	0	79	88	000	0	0	00	00	99	00	0	055	83	0	0	9	0	0	62	80	− 3	− 2	0	− 0.1	6.9	4
	Kuwait																																								
Kashmir	HILL STATIONS																																								
	Srinagar *																																								26
	Gulmarg *																																								
	Sonamarg *																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **	000	0	0	00	00	98	00	0	055	59	0	0	9	0	0	11	67																		—	—				
	Alisbad *																																								
	Gilgit *																																								5
Punjab	Murree *	000	0	0	29	02	98	00	0	445	69	0	0	9	0	0	51	72	000	0	0	27	05	98	00	0	468	62	0	0	9	0	0	45	57	+ 2	+ 4	24.3	− 1.1	58.0	59
	Droth *	000	0	0	23	09	96	03	0	419	86	0	0	9	0	0	34	94	000	0	0	00	00	96	02	0	476	64	0	0	9	0	0	37	61	+ 10	+ 1	2.1	—	24.3	18
	Chorat *	000	0	0	18	03	97	00	0	450	83	0	0	9	0	0	42	87	000	0	0	18	02	97	00	0	466	70	0	0	9	0	0	48	65	+ 4	+ 2	5.2	—	25.9	29
	Kakul *	000	0	0	20	03	97	00	0	447	83	0	0	9	0	0	46	87	000	0	0	00	02	97	00	0	469	69	0	0	9	0	0	46	65	—	—	1.2	—	41.8	
D.I. Khan	Landi Kotal *	000	0	0	02	02	97	00	0	436	87	0	0	9	0	0	38	91	000	0	0	00	00	97	00	0	458	83	0	0	9	0	0	43	62	—	—	1.1	—	15.3	
	Parachinar *	000	0	0	03	03	99	00	0	493	78	0	0	9	0	0	28	××	000	0	0	00	00	99	00	0	793	78	0	0	9	0	0	26	××	—	—	6.7	—	25.9	29
	Miranshah *	000	0	0	05	02	99	00	0	475	90	0	0	9	0	0	55	92	000	0	0	00	00	99	00	0	479	72	0	0	9	0	0	53	62	—	—	3.1	− 1.6	15.4	13
	Wana *	000	0	0	23	02	99	00	0	438	87	0	0	9	0	0	84	96	000	0	0	00	00	99	00	0	482	80	0	0	9	0	0	54	52	—	—	1.4	—	13.5	
Quetta	Fort Sandeman *	000	0	0	09	02	98	00	0	447	87	0	0	9	0	0	20	89	000	0	0	00	00	96	00	0	465	67	0	0	9	0	0	25	53	− 1	− 8	2.4	− 2.5	12.9	11
	Hindubagh *	000	0	0	27	05	98	00	0	439	84	0	0	9	0	0	45	84	000	0	0	27	02	98	00	0	476	60	0	0	9	0	0	35	54	—	—	0	—	12.3	
	Loralai *	000	0	0	00	00	98	00	0	436	83	0	0	9	0	0	33	87	000	0	0	27	02	98	00	0	453	65	0	0	9	0	0	21	××	—	—	1.9	—	10.7	
	Marri *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	27	91	000	0	0	27	01	98	00	0	×××	×	0	0	9	0	0	××	××	—	—	2.0	− 3.4	14.3	14
	Quetta *	000	0	0	27	02	98	00	0	440	79	0	0	9	0	0	54	79	000	0	0	00	00	96	00	0	482	58	0	0	9	1	0	33	40	—	—	0	− 1.0	9.5	[illegible]
	Chaman *	000	0	0	29	03	98	00	0	469	84	0	0	9	0	0	40	86	000	0	0	00	00	97	00	0	488	70	0	0	9	0	0	42	59	− 1	− 2	0	− 0.2	10.2	8
Kalat	Kalat *	000	0	0	31	05	98	00	0	463	71	0	0	9	0	0	39	75	000	0	0	18	03	98	00	0	498	52	0	0	9	0	0	36	41	− 5	− 3	0	− 1.2	8.4	7
	Nushki *	000	0	0	23	05	96	00	0	522	89	0	0	9	0	0	31	90	000	0	0	05	09	97	00	0	×××	71	0	0	9	0	0	20	67	—	—	0	—	8.1	
Afghan Frontier	Dalbandin *	000	0	0	20	07	97	02	0	471	92	0	0	9	0	0	38	93	000	0	0	23	02	97	02	0	450	58	0	0	9	0	0	27	51	− 4	− 7	0	− 0.3	4.4	4
	Pinjaur *	000	0	0	31	05	98	00	0	476	87	0	0	9	0	0	13	88	000	0	0	05	02	98	00	0	466	61	0	0	9	0	0	15	54	− 6	− 7	0	—	4.2	5
	Kabul *	000	0	1	36	02	99	03	0	490	76	1	1	7	0	0	37	83	000	0	0	00	00	99	00	0	537	40	0	0	9	0	0	40	40	—	—	—	—	—	12
	Kandahar *																																								

†Given in Code

*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.

**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.

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 day

Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall).

PAKISTAN DAILY WEATHER REPORT

[illegible] SEPTEMBER 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Radja	63 253	592 06	8 32 20	98 02 1	080 84	10 9 7x	7 6 707		0 50 81	1 32 22
Naousa	63 208	686 06	1 28 16	98 02 0	111 81	11 5 00	7 6 212	..	0 51 72	1 28 32
Eurychia	63 222	620 06	1 22 13	98 02 0	102 79	00 9 10	3 5 110	..		
Essorotherdam	63 212	695 12	0 18 15	98 02 0	076 73	00 9 00	5 5 303	..	0 82 73	1 19 22
Radja	63 247	582 12	0 00 00	98 02 0	066 86	00 9 00	7 6 707	..	0 89 79	1 00 00
Essoflandra	63 241	584 12	0 12 05	98 02 0	075 88	00 9 00	3 5 715	..	0 52 72	1 12 21
BAY OF BENGAL										
Chalmachala	62 219	917 06	8 00 00	98 25 2	037 88	80 9 7x	..	..	..	..

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface PPP TTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ..														
Chittagong ..														
Dacca ..														
Jiwani ..														
Karachi ..	00 00	002 252 202	040 245 205	..	420 228 055	..	127 092 598	381 015 665	824 592 725	532 648 772	965 795	240 005	520 182	655 282
Lahore ..														
Multan ..														
Peshawar ..	00 00													
Quetta ..	00 00	Miada 829 100 010	..	..	..	..	090 042 543	323 550 560	748 588 999	430 705 999	851 [illegible]	228 958		

STATION	Time of ascent in G. M. T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ..													
Chittagong ..													
Dacca ..													
Jiwani ..													
Karachi ..	00 00	900 232 202	800 222 032	641 032 632	554 518 672	445 628 755	350 712 815	258 902 999	312 372 999	082 312 999	860 172 999	..	..
Lahore ..													
Multan ..													
Peshawar ..	00 00												
Quetta ..	00 00	Miada 800 112 528	790 115 532	770 088 545	685 832 548	647 002 558	618 548 548	..			615 548 548		..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; $T_dT_dT_d$; Dry Bulb ; Dew Point temperatures (in tenths of 9C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	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 ..	26 13	27 16	27 15	28 19	29 25	28 29	..			29 21	29 21	30 21	28 15	..	..	28 06	29 13	29 17	28 14	..	..	..	..	..	..	
Chaklala ..	..	21 02	20 03	24 05	24 08	29 09	29 13	29 09	29 14	..	..	..	..	..	..	..							..	..	..	
Chhor ..	21 13	24 20	24 19	22 10	19 03	21 08	27 13	08 11	26 23	22 21	..		..					..				..	..	..	..	..
Chittagong ..	18 07	19 19		..	..	..			..	18 13	19 12	20 10	29 07	33 12	31 09	19 10	19 13	20 13	27 05	31 05	32 13	..			..	
Cox's Bazar ..	19 10	25 13	28 12	31 13	..					20 09	27 05	32 07	34 12	36 09	..	24 09	26 07	30 06	34 08	34 11	26 09	..			..	..
Dacca ..	24 12	26 15	28 16	29 18	30 20	26 18	25 10	25 09	25 08	24 16	25 16	26 13	30 11	31 14	..	22 09	25 09	27 12	28 12	27 11			..			
Dalbandin ..	..	..	25 03	26 07	31 06	35 11	32 06	34 06	33 06	..	..	05 09	05 07	27 05	31 08			08 02	04 03	03 02	34 09	30 07	29 10	31 12	26 30	27 20
D. I. Khan ..	..	..	..									..				..										
Drosh ..	..	..	..	23 09	23 17	20 26	19 23	21 06	17 08	..	..		06 01	03 01	22 01	..		..		11 01	21 03	20 06	20 05	21 10	22 14	24 07
Fort Sandeman ..				28 03	29 03	18 02	26 15	26 15	28 14				02 07	31 07	01 06				27 01	35 03	11 03	15 06	25 06	25 08	25 05	25 48
Jacobabad ..	24 01	10 02	10 03	26 03	27 05	27 02	29 09	28 13	28 10	21 11	21 15	22 09	27 05	31 04	11 05	18 05	19 08	19 08	18 03	34 04	06 17	34 05	31 05	27 19	24 32	24 45
Jessore ..																										
Jhelum ..	21 04	20 06	20 06	31 03	32 07	32 08	31 09	29 12	29 16	08 03	18 04	27 03	27 04	28 06	32 07	12 01	15 09	15 06	27 03	27 05	33 06	31 11	32 08	25 10	25 15	34 15
Jiwani ..	21 08	24 09	24 08	30 10	33 17	33 21	35 19	32 26	30 22	22 07	23 07	32 06	32 18	34 15	32 11	12 10	22 03	09 04	36 16	35 27						
Karachi ..	24 18	27 14	30 10	..					..	27 18	27 20	28 19				26 19	26 14	27 14								
Khanpur ..	23 09	23 12	23 11	23 12	22 17	22 20	26 07	29 08	28 10	24 24	24 28	23 25	24 10	25 12	32 06	21 06	23 15	22 17	19 15	20 11	33 06	24 05	24 11	24 21		
Lahore ..	32 01	28 02	22 02	19 04	30 04	33 12	35 10	33 10	32 11	36 02	28 04	29 06	31 05	29 04	35 07	26 04	23 07	23 06	23 04	23 06	30 05	33 07	34 11	26 14	26 26	25 51
Multan ..	21 15	22 13	24 10	27 12	27 10	24 07	01 06	29 11	29 12	02 41	23 52	23 42	24 15	23 29	17 13	24 11	23 29	22 22	22 13	22 13	16 13	13 08	22 04	25 07	23 15	24 57
Muscat ..	..			..	..	..				..			..	..	..	..	..	..	..	..			..			
Panjgur ..	..																									
Peshawar ..	..	03 03	09 05	15 09	18 12	25 09	29 14	32 17	32 17	..	32 05	33 07	21 07	23 11	26 09	..	36 06	35 08	34 07	34 07	24 08	27 06	25 09	27 13	35 15	24 43
Quetta ..	..	..			29 07	27 04	21 08	32 08	31 11		..	..		33 04	32 13	..	..		..	30 02	32 08	22 07	31 07	28 11	26 24	24 42
Sharjah ..					..	..	..	..	..		..	..	..	..	..					..		..	..			
Sylhet ..	14 11	18 09	23 09	24 11	..	..	..	..	..	20 16	22 17	..	..	..	..	31 13	30 13	24 10		..						
Veraval ..							..				..			..			..	..	..	..		..	..			

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	25 17 Miada	26 19	28 14	29 12	29 14	30 08	31 08	24 12	25 17	24 41	23 39	23 40	23 41	22 49	22 37	24 18	22 14	08 11
Peshawar ..																		
Quetta ..																		

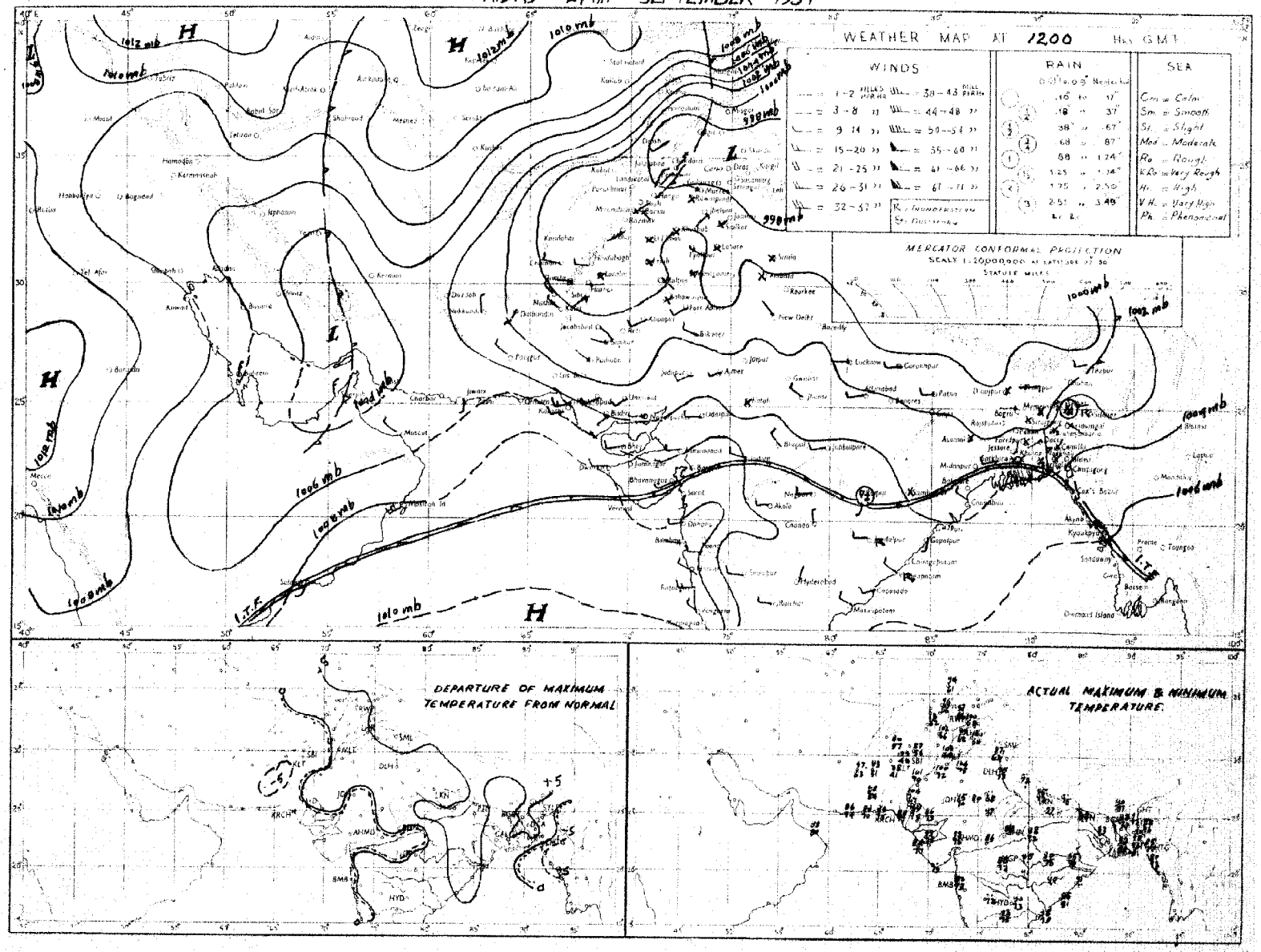
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii $Cddv_rv_r$ etc)

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

PAKISTAN DAILY WEATHER MAP

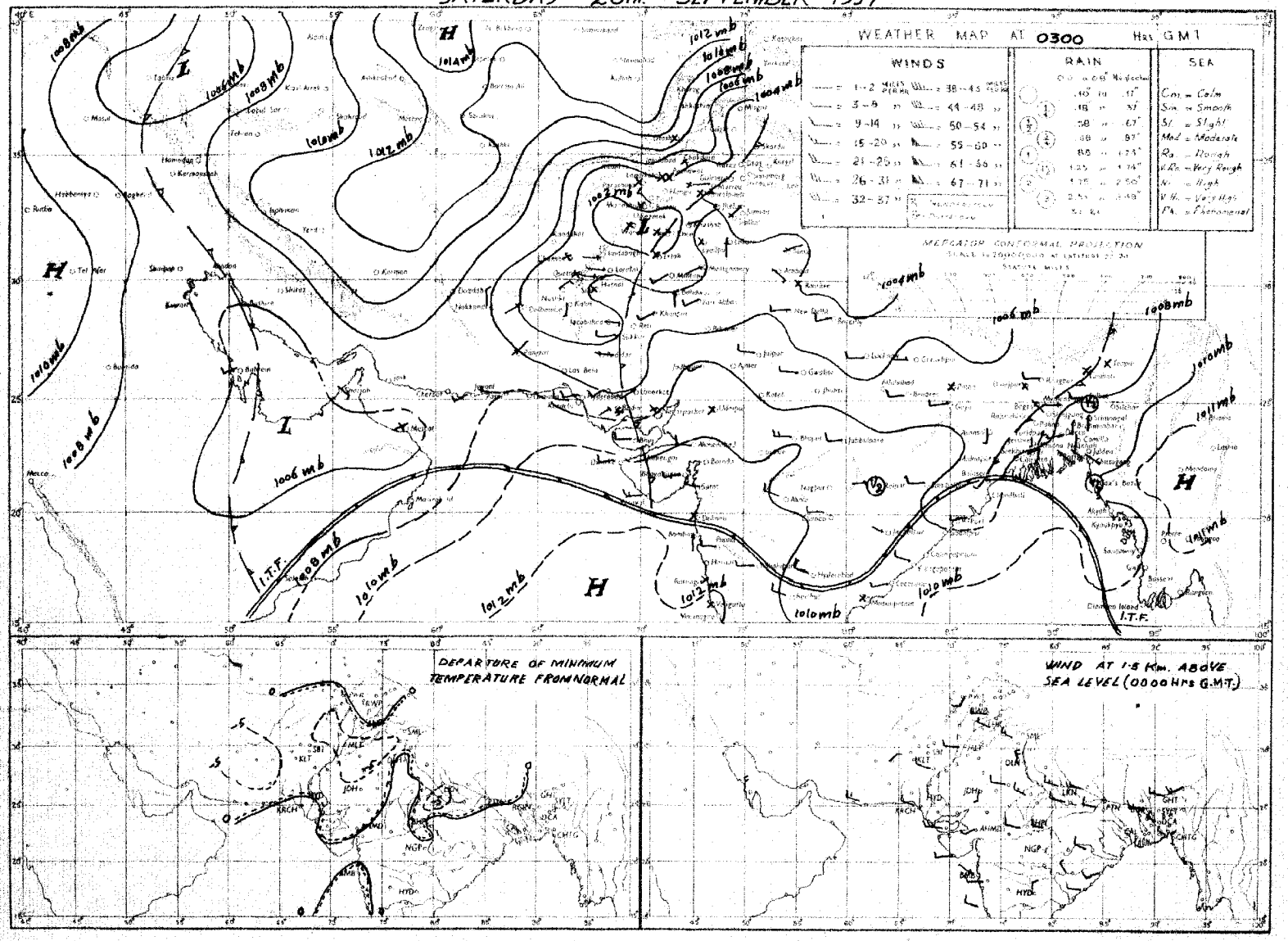
FRIDAY 27th. SEPTEMBER 1957



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 28th. SEPTEMBER 1957



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No S 1467

SUNDAY, THE 29th SEPTEMBER, 1957.

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

A low pressure wave is moving eastwards across Sub-Himalayan West Bengal.
Local rain has fallen in Chittagong division.
Weather remained dry elsewhere over the country.
Comilla and Sylhet recorded ½" rain each.
Day temperatures were 4-6°F above normal in Peshawar, Rawalpindi and Lahore divisions and in East Pakistan and were 2-4°F below normal in Kalat, Khairpur and Hyderabad divisions.

Forecast valid until the evening of 30th:—Local rain/thundershowers will occur in Chittagong division and scattered elsewhere over East Pakistan. Weather over West Pakistan will be dry.

Karachi-11.
The 29th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Station (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb Temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	3	16	02	96	01	0	075	83	1	3	8	0	1	79	89
	Chittagong	000	0	4	××	××	96	02	2	067	84	2	4	7	2	0	70	86
	Maijdee Court	000	9	2	00	00	99	01	1	062	82	0	0	9	0	1	76	88
	Comilla	011	9	6	31	09	98	62	6	066	83	6	9	6	0	0	73	87
	Brahmanbaria	000	0	4	18	02	97	03	1	054	85	2	0	9	2	4	79	92
	Sylhet	041	9	2	00	00	97	03	6	058	78	2	2	9	7	0	74	83
	Srimangal	003	3	3	00	00	96	02	6	064	79	3	4	6	0	0	76	92
Dacca	Mymensingh	000	0	0	00	00	98	00	1	055	88	0	0	9	0	0	77	93
	Narayanganj	000	9	2	16	02	96	03	0	055	89	1	2	6	0	1	78	94
	Dacca (Tezgaon)	000	9	5	23	02	98	03	1	052	86	1	3	6	0	4	77	92
	Faridpur	000	9	2	00	00	96	03	0	048	86	2	5	8	0	0	73	86
	Barisal	000	0	3	00	00	96	02	2	058	85	8	0	9	0	2	78	92
Rajshahi	Khulna	000	0	0	00	00	97	00	0	057	89	0	0	9	0	0	75	95
	Satkhira	000	0	0	00	00	99	00	0	057	89	0	0	9	0	0	79	93
	Jessore	000	0	3	18	03	97	02	1	049	94	2	4	6	6	0	80	96
	Sirajganj	000	0	0	00	00	94	00	0	048	86	0	0	9	0	0	77	36
	Bogra	000	0	0	00	00	96	00	0	055	93	0	0	9	0	0	75	95
	Dinajpur	000	0	0	00	00	96	00	0	054	86	0	0	9	0	0	77	94
	Rangpur	000	0	3	13	02	96	01	2	×××	88	2	5	6	2	0	78	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	043	93	0	0	9	0	0	63	97
	Sialkot	000	0	0	23	02	97	00	0	032	97	0	0	9	0	0	61	01
Rawalpindi	Jhelum	000	0	1	23	03	97	02	0	033	95	1	2	7	0	0	64	99
	Rawalpindi	000	0	3	00	00	98	02	0	014	94	3	2	7	0	0	56	98
	Khushab	000	0	0	11	03	98	00	0	027	92	0	0	9	0	0	64	100
Multan	Lyallpur	000	0	0	16	02	96	00	0	040	96	0	0	9	0	0	46	99
	Montgomery	000	0	0	23	02	97	00	0	041	96	0	0	9	0	0	49	99
	Multan	000	0	0	23	02	96	00	0	043	96	0	0	9	0	0	49	99
Bahawalpur	Leiah	000	0	0	00	00	97	00	0	×××	99	0	0	9	0	0	××	01
	Khanpur	000	0	0	30	03	96	00	0	038	97	0	0	9	0	0	83	99
	Bahawalpur	000	0	1	00	00	97	02	0	043	93	0	0	9	0	2	70	99
	Fort Abbas	000	0	0	13	02	97	00	0	040	97	0	4	0	9	9	54	102
Peshawar	Chekdara	000	0	0	00	00	98	00	0	001	89	0	0	9	0	0	56	94
	Peshawar	000	0	1	05	05	98	02	0	014	91	1	1	7	0	0	62	94
	Haripur	000	2	1	05	03	97	01	0	015	96	1	1	6	0	0	57	88
	Campbellpur	000	0	0	00	00	98	00	0	993	96	0	0	9	0	0	56	96
D.I. Khan	Bannu	000	0	0	03	02	99	02	0	012	93	0	0	9	0	0	67	97
	D.I. Khan	000	0	0	00	00	98	00	0	027	97	0	0	9	0	0	55	00
Quetta	Sibi	000	0	0	18	01	98	00	0	033	00	0	0	9	0	0	74	02
Kalat	Nokkundi	000	0	0	27	05	97	02	0	025	95	0	0	9	0	0	34	97
	Turbat	000	0	0	23	02	97	00	0	065	02	0	0	9	0	0	87	04
	Jiwani	000	0	0	18	10	96	02	0	061	83	0	0	9	0	0	73	86
	Pasni	000	0	4	23	16	96	02	0	084	85	4	5	7	0	0	75	89
	Ormara	000	0	6	××	××	98	01	1	076	85	6	0	9	4	0	75	87
	Las Bela	000	0	0	13	04	97	02	0	059	90	0	0	9	0	0	73	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	25	09	98	01	1	050	81	2	6	4	5	0	77	84
	Karachi (Air port)	000	0	5	23	12	97	03	2	043	82	5	5	6	0	0	72	88
	Badin	000	0	0	23	02	97	00	0	055	89	0	0	9	0	0	70	92
	Nagarparker	×××	×	0	25	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Umarkot	000	0	0	23	03	97	00	0	039	93	0	0	9	0	0	69	95
	Hyderabad	000	0	0	20	12	96	02	0	039	90	0	0	9	0	0	63	95
Khairpur	Pad-i-dan	000	0	0	18	02	98	02	0	038	99	0	0	9	0	0	55	00
	Nawabshah																	
	Sukkur	000	0	0	29	02	96	00	0	037	96	0	0	9	0	0	66	98
	Kashmore																	
	Jacobabad	000	0	0	18	05	97	02	0	043	95	0	0	9	0	0	73	97
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat	000	0	0	09	05	99	00	0	057	88	0	0	9	0	0	80	94
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg *																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Nisgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	5	2	29	03	98	01	1	474	68	2	1	4	0	0	51	73
Peshawar	Drosh *	000	0	5	00	00	96	01	0	459	81	5	2	7	0	0	37	90
	Cherat *	000	0	0	18	03	97	00	0	480	84	0	0	9	0	0	45	87
	Kakul *	000	7	1	20	03	98	01	0	478	82	1	2	7	0	0	48	86
	Landi Kotal *	000	0	0	02	02	97	00	0	460	85	0	0	9	0	0	48	89
D.I. Khan	Parachinar *	000	0	0	13	02	99	00	0	493	78	0	0	9	0	0	26	××
	Miranshah *	000	0	0	00	00	99	00	0	505	89	0	0	9	0	0	47	92
	Wana *	000	0	6	09	02	99	00	0	457	85	0	0	9	0	0	41	88
Quetta	Fort Sandeman *	000	0	0	23	02	96	00	0	457	85	0	0	9	0	0	41	90
	Hindubagh *	000	0	0	27	02	98	00	0	456	81	0	0	9	0	0	45	85
	Loralai *	000	0	0	18	02	98	00	0	448	83	0	0	9	0	0	33	67
	Harnai *	000	0	0	09	02	98	00	0	×××	××	0	0	9	0	0	××	××
	Quetta *	000	0	0	31	07	97	02	0	468	81	0	0	9	0	0	45	82
Kalat	Chaman *	000	0	0	20	03	98	00	0	469	84	0	0	9	0	0	50	87
	Kalat *	000	0	0	00	00	98	00	0	474	76	0	0	9	0	0	30	80
	Nushki *	000	0	0	36	05	96	00	0	532	90	0	0	9	0	0	11	91
	Dalbandin *	000	0	0	11	05	98	00	0	480	91	0	0	9	0	0	47	93
	Panjgur *	000	0	0	36	03	98	00	0	484	89	0	0	9	0	0	35	90
Afghanistan	Kabul *	000	0	2	36	00	99	03	0	501	75	2	1	9	0	0	39	82
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Station (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs and tenths)* PPP (28)	Dry Bulb Temperature °F TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature °F TnTn (36)
Cox's Bazar	000	0	4	11	05	96	03	0	105	86	4	8	7	6	0	79	75
Chittagong	000	0	4	××	××	97	01	1	105	85	3	4	7	1	0	79	76
Maijdee Court	000	2	2	13	02	99	01	0	095	86	0	0	9	2	0	80	79
Comilla	061	9	8	00	00	97	02	6	099	81	8	4	5	×	×	78	78
Brahmanbaria	000	0	4	23	02	97	03	2	101	83	4	5	5	0	0	77	76
Sylhet	041	0	8	00	00	96	16	1	101	78	5	5	5	2	×	76	74
Srimangal	003	0	8	36	07	97	02	1	112	79	8	5	6	7	9	72	70
Mymensingh	000	0	8	13	02	97	02	2	102	85	8	4	4	×	×	78	77
Narayanganj	000	9	7	18	02	96	03	2	099	86	7	4	6	0	0	77	81
Dacca (Tezgaon)	000	6	6	23	03	97	02	1	091	85	3	5	4	3	0	79	76
Faridpur	000	9	2	00	00	96	03	0	086	85	2	5	7	0	0	79	80
Barisal	000	8	3	18	01	96	03	0	088	86	3	0	7	2	0	78	80
Khulna	000	0	3	00	00	97	01	1	097	85	3	5	7	0	0	79	79
Satkhira	000	0	0	00	00	99	00	0	094	86	0	0	9	0	0	77	78
Jessore	000	0	2	27	03	97	01	1	091	85	4	8	6	0	0	79	79
Sirajganj	000	0	4	18	01	96	00	0	082	86	4	4	6	0	6	77	78
Bogra	000	0	5	16	02	97	02	0	076	85	5	4	6	0	0	78	77
Dinajpur	000	0	0	00	00	96	00	0	087	82	0	0	9	0	0	72	72
Rangpur	000	0	5	13	05	96	03	1	×××	83	3	5	6	2	0	77	76
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	082	77	0	0	9	0	0	62	68
Sialkot	000	0	0	00	00	97	00	0	074	80	0	0	9	0	0	59	73
Jhelum	000	0	0	00	00	96	02	0	083	77	0	0	9	0	0	59	66
Rawalpindi	000	0	0	00	00	98	00	1	081	69	0	0	9	0	0	54	66
Khushab	000	0	0	36	02	98	00	0	083	81	0	0	9	0	0	61	65
Lyallpur	000	0	0	00	00	96	00	0	080	80	0	0	9	0	0	61	66
Montgomery	000	0	0	00	00	97	00	0	086	74	0	0	9	0	0	62	66
Multan	000	0	0	13	02	96	00	0	084	76	0	0	9	0	0	57	70
Leiah	000	0	0	00	00	97	00	0	×××	77	0	0	9	0	0	60	67
Khanpur	000	0	0	20	03	96	00	0	086	76	0	0	9	0	0	76	71
Bahawalpur	000	0	0	00	00	97	00	0	089	77	0	0	9	0	0	68	68
Fort Abbas	000	0	0	23	02	97	00	0	075	83	0	0	9	0	0	69	72
Chekdara	000	0	0	××	××	97	00	0	077	73	0	0	9	0	0	57	52
Peshawar	000	0	0	00	00	98	02	0	077	75	0	0	9	0	0	59	67
Haripur	000	0	0	13	02	98	00	0	052	65	0	0	9	0	0	62	71
Campbellpur	000	0	0	00	00	98	00	0	081	77	0	0	9	0	0	60	77
Bannu	000	0	0	31	02	99	00	0	071	79	0	0	9	0	0	1	69
D.I. Khan	000	0	0	00	00	98	00	0	078	75	0	0	9	0	0	60	62
Sibi	000	0	0	00	00	99	00	0	086	76	0	0	9	0	0	63	76
Nokkundi	000	0	0	27	02	99	02	0	101	70	0	0	9	0	0	39	65
Turbat	000	0	0	23	02	98	00	0	102	92	0	0	9	0	0	××	81
Jiwani	000	0	8	13	03	96	03	1	709	79	8	6	4	×	×	70	81
Pasni	000	0	6	05	02	96	00	0	112	77	6	5	9	0	0	74	74
Ormara	000	0	6	00	00	98	02	1	110	77	6	0	2	2	0	74	73
Las Bela																	
Karachi (Manora)	000	0	2	27	05	97	01	0	111	79	0	0	9	5	0	73	76
Karachi (Air port)	000	0	1	25	07	96	01	1	108	79	1	0	5	0	0	72	75
Badin	000	0	0	23	02	96	00	0	068	78	0	0	9	0	0	71	××
Nagarparker	×××	×	0	20	02	98	00	0	×××	××	0	0	9	0	0	××	××
Umarkot	000	0	0	23	03	97	00	0	083	75	0	0	9	0	0	71	72
Hyderabad	000	0	0	20	09	97	02	0	092	77	0	0	9	0	0	69	75
Pad-i-dan	000	0	0	13	02	97	02	0	066	76	0	0	9	0	0	68	69
Nawabshah	000	0	0	13	03	97	02	0	090	75	0	0	9	0	0	68	70
Sukkur	000	0	0	00	00	96	00	0	092	76	0	0	9	0	0	71	73
Kashmore																	
Jacobabad	000	0	0	18	05	96	02	0	090	78	0	0	9	0	0	72	75
Veraval																	
Jalalabad																	
Muscat	000	0	0	09	02	99	00	0	094	88	0	0	9	0	0	81	83
Kuwait																	
Srinagar *																	
Gulmarg *																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Nisgar **	000	0	0	00	00	98	00	0	104	44	0	0	9	0	0	55	39
Aliabad *																	
Gilgit *																	
Murree *	000	9	0	31	03	98	00	1	498	62	0	0	9	0	0	46	55
Drosh *	011	9	0	00	00	96	00	0	534	59	0	0	9	0	0	44	57
Cherat *	000	0	0	31	02	96	00	0	497	66	0	0	9	0	0	47	66
Kakul *	000	0	0	27	02	97	00	0	502	70	0	0	9	0	0	52	65
Landi Kotal *	000	0	0	00	00	97	00	0	496	75	0	0	9	0	0	64	64
Parachinar *	000	0	0	00	00	99	00	0	793	48	0	0	9	0	0	46	××
Miranshah *	000	0	0	00	00	99	00	0	469	72	0	0	9	0	0	57	65
Wana *	000	0	0	00	00	99	00	0	485	63	0	0	9	0	0	35	53
Fort Sandeman *	000	0	0	23	02	97	00	0	506	67	0	0	9	0	0	29	54
Hindubagh *	000	0	0	27	02	98	00	0	518	58	0	0	9	0	0	30	53
Loralai *	000	0	0	05	05	98	00	0	494	60	0	0	9	0	0	27	54
Harnai *	000	0	0	27	01	98	00	0	×××	××	0	0	9	0	0	××	××
Quetta *	000	0	0	16	02	98	00	0	503	58	0	0	9	0	0	33	39
Chaman *	000	0	0	00	00	97	00	0	507	70	0	0	9	0	0	46	59
Kalat *	000	0	0	18	03	98	00	0	529	57	0	0	9	0	0	25	43
Nushki *	000	0	0	05	09	97	00	0	538	75	0	0	9	0	0	26	67
Dalbandin *	000	0	0	00	00	97	00	0	485	60	0	0	9	0	0	31	53
Panjgur *	000	0	0	05	03	88	00	0	493	69	0	0	9	0	0	18	59
Kabul *	000	0	0	18	00	99	00	0	575	51	0	0	9	0	0	41	43
Kandahar *																	

Station (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1957 to date (39)	Departure from normal (40)	Since 1st January 1957 to date (41)	Annual normal (42)
Cox's Bazar	+ 2	0	117.3	+ 8.0	128.2	140
Chittagong	− 1	0	69.8	− 7.0	77.3	108
Maijdee Court	+ 1	+ 2	65.7	− 18.5	75.6	115
Comilla	− 1	+ 2	48.2	− 14.7	60.1	94
Brahmanbaria	—	—	42.0	− 3.7	57.8	78
Sylhet	—	—	73.3	—	123.9	
Srimangal	+ 1	− 4	43.3	− 15.3	89.9	98
Mymensingh	+ 6	0	28.4	− 38.5	69.1	91
Narayanganj	+ 6	+ 3	21.8	− 26.3	62.5	74
Dacca (Tezgaon)	—		47.7	—	62.7	
Faridpur	+ 1	+ 2	39.9	− 6.8	52.0	71
Barisal	+ 4	+ 2	44.1	− 12.1	61.1	81
Khulna	+ 7	+ 2	40.7	− 7.7	48.7	[illegible]
Satkhira	+ 6	+ 2	35.9	− 10.0	51.6	65
Jessore	—	—	37.8	− 6.0	41.1	65
Sirajganj	+ 7	+ 1	56.2	+ 11.3	64.7	69
Bogra	+ 7	0	58.2	+ 8.3	65.7	69
Dinajpur	+ 6	− 5	44.0	− 11.7	47.0	72
Rangpur	+ 5	0	44.7	− 16.6	53.5	[illegible]
Jammu						
Lahore (Jail Rd.)	− 1	0	16.7	+ 2.3	25.4	19
Sialkot	+ 6	+ 3	21.9	− 1.5	35.1	33
Jhelum	—	—	16.7	—	27.3	
Rawalpindi	+ 5	+ 1	14.6	− 8.8	30.6	36
Khushab	+ 2	− 6	8.2	− 2.0	17.0	15
Lyallpur	+ 1	− 4	10.1	+ 1.0	16.2	12
Montgomery	0	− 6	6.4	− 1.1	10.2	10
Multan	+ 1	− 3	0.7	− 4.2	4.1	7
Leiah	—	—	—	—	—	8
Khanpur	− 1	− 1	0.2	− 4.6	1.2	6
Bahawalpur	0	− 2	1.3	− 2.9	2.5	6
Fort Abbas	—	—	2.6	—	5.5	8
Chekdara	—	—	2.7	—	17.5	
Peshawar	+ 1	0	1.9	− 2.5	13.0	14
Haripur	—	—	7.9	—	11.9	.
Campbellpur	—	—	5.7	—	21.1	.
Bannu	—	—	2.4	—	9.5	11
D.I. Khan	+ 2	+ 9	2.3	− 3.2	7.8	10
Sibi	—	—	1.1	—	6.2	5
Nokkundi	—	—	0	—	1.9	2
Turbat	—	—	2.5	—	5.9	
Jiwani	—	—	0	—	3.1	4
Pasni	− 2	—	0	− 0.9	6.2	6
Ormara	—	—	0	− 0.8	3.8	6
Las Bela	—	—				8
Karachi (Manora)	− 2		8.6	− 5.4	1.1	8
Karachi (Air port)	—	—	0.9	—	1.0	
Badin	− 4		3.6	− 3.5	3.4	9
Nagarparker	—	—	—	—	—	
Umarkot	—	—	4.7	—	4.7	
Hyderabad	− 4		0.9	− 5.1	2.8	7
Pad-i-dan	—	—	0.1	—	1.4	
Nawabshah	—	—	—	—	—	
Sukkur	—		0.1	—	2.9	4
Kashmore						
Jacobabad	− 4		0	− 2.3	3.5	4
Veraval						20
Jalalabad						
Muscat	+ 3	+ 1	0	− 0.1	6.9	4
Kuwait						
Srinagar *						26
Gulmarg *						
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Nisgar **		—	—	—	—	
Aliabad *						
Gilgit *						5
Murree *	+ 3	+ 2	24.3	− 11.2	58.0	59
Drosh *	+ 6	− 3	2.1	—	24.3	18
Cherat *	+ 4	+ 3	5.2	− 6.8	25.9	29
Kakul *	—	—	14.2	—	41.8	..
Landi Kotal *	—	—	1.1	—	15.3	
Parachinar *		—	6.7	—	25.8	29
Miranshah *		—	3.1	− 1.6	15.4	13
Wana *	—	—	1.4	—	13.5	
Fort Sandeman *	0	− 7	2.4	− 2.6	12.9	11
Hindubagh *	—	—	0	—	12.3	
Loralai *	—	—	1.9	—	10.7	
Harnai *	—	—	2.0	− 5.4	14.3	14
Quetta *	—	—	0	− 1.0	9.5	29
Chaman *	0	0	0	− 0.2	10.2	8
Kalat *	0	− 1	0	− 1.2	8.4	7
Nushki *	—	—	0		8.1	..
Dalbandin *	− 4	− 5	0	− 0.3	4.4	4
Panjgur *	− 4	− 2	0	—	4.2	5
Kabul *	—	—	—	—	—	12
Kandahar *						

†Given in Code
*These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
**These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day.
Whenever 999 is given or RRR see the Summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 29th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	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 a PP	8 N_s C h_sh_s	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dalila	73 233	593 03	0 04 04	97 02 0	086 89	00 9 00	7 4 330	..	0 00 79	1 14 22
Dalila	73 240	586 06	1 99 01	97 03 0	103 90	16 4 00	7 6 118	..	0 61 68	1 00 x0
Essoflandra	73 205	591 06	0 20 15	98 02 0	125 77	00 9 00	4 5 227	..	0 04 72	1 19 32
Tawali	73 221	688 06	2 23 22	98 02 0	110 81	20 4 40	7 5 120	..	0 01 70	1 25 23
Eurylsia	73 185	665 06	2 29 05	98 02 0	119 83	xx x xx	3 6 110	..		..
President Munro	73 234	650 12	3 23 21	98 02 0	081 83	31 7 00	5 5 400	..	0 51 83	1 23 x4
Tawali	73 231	678 12	2 25 13	98 02 0	091 81	24 4 00	7 5 508	..	0 03 72	1 35 24
President Munro	73 225	637 18	3 23 18	98 02 0	102 81	21 6 01	5 5 127	..	0 51 78	1 23 x4

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	007 252 252	084 248 248	..	470 192 035	..	138 082 532	390 015 688	840 550 999	564 630 999	968 798	247 970	434 060	..
Lahore														
Multan														
Peshawar	00 00	Misds												
Quetta	00 00	837 108 012	..	..	..	..	146 085 502	392 525 999	810 635 999	463 772 999	..	..	..	..

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max. Height Reached PPP TTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	935 208 208	915 202 202	800 172 008	350 710 999	250 875 999	118 095 999	..	..	..	118 095 999	..	..
Lahore													
Multan													
Peshawar	00 00	Misds											
Quetta	00 00	817 115 108	800 178 058	668 038 532	640 025 555	..	..	..	..	..	640 025 555	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT ; TdTdTd : Dry Bulb ; Dew Point temperatures (in tenths of °C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

At 1200 hrs. G.M.T.† of Previous day (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	25 08	25 09	26 08	29 15	29 19	28 23	28 11	29 13	26 10
Chaklala	..	..		..	..				
Chhor	23 15	33 15	23 18	26 16	25 10	27 12	25 11	25 12	25 22
Chittagong	14 08	25 01	32 02	33 07	32 18	..			..
Cox's Bazar	25 05	28 05	33 04	36 07		..		..	
Dacca	26 06	28 06	29 06	29 07	28 14	30 12	24 13	25 08	27 09
Dalbandin		..	22 04	12 03	32 04	35 06	32 11	28 12	31 25
D. I. Khan	..	..							
Drosh		..		24 07	19 08	20 10	22 18	32 21	..
Fort Sandeman				28 01	29 04	19 04	14 09	15 13	20 06
Jacobabad	19 09	11 10	21 08	25 03	35 04	35 08	33 10	30 15	30 13
Jessore							..	..	..
Jhelum	08 08	11 09	16 05	20 01	25 06	31 07			
Jiwani	14 35	10 01	05 03	33 10	32 13	36 20	35 21	32 26	31 26
Karachi	25 19	25 15	26 15	28 17		..		..	
Khanpur	25 08	24 06	19 06	17 10	16 08	07 01	28 06	28 12	25 21
Lahore	26 07	26 10	25 11	27 12	28 11	31 10	01 11	27 08	26 10
Multan	22 12	21 18	21 20	20 25	20 24	19 31	..	..	.
Muscat	..			..	..			..	
Panjgur	..								
Peshawar	..	05 06	09 06	15 13	17 17	20 17	25 07	25 05	21 09
Quetta	..	..		.	27 04	24 07	28 07	29 13	27 21
Sharjah									
Sylhet	19 04	26 06	26 11	27 16	28 16	23 12	26 12	28 12	31 11
Veraval							..		

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	24 15	24 19	23 14	27 11	28 15	28 15
Chaklala		06 04	12 02	05 03	04 07	33 08
Chhor	24 22	25 19	15 08	05 04	03 06	35 17
Chittagong	17 11	19 04	22 03	29 05	32 08	34 07
Cox's Bazar	20 03	24 04	33 05	36 06		..
Dacca	24 09	24 09	24 09	25 07	..	
Dalbandin	..	..	11 01	25 07	26 10	23 12
D. I. Khan			..			
Drosh	..	..		24 04	22 09	20 11
Fort Sandeman				21 04	27 11	33 17
Jacobabad	21 06	19 05	21 04	33 02	28 04	35 06
Jessore						
Jhelum	35 04	20 03	26 05	29 15	32 08	35 11
Jiwani	13 06		..		..	
Karachi	28 18	28 18	29 15	32 12	34 06	01 08
Khanpur	25 23	28 09	31 04	34 09	34 10	36 19
Lahore	31 12	30 16	29 15	29 15	31 12	34 12
Multan	22 14	22 18	22 22	21 26	61 33	20 44
Muscat	..		..	..	..	
Panjgur						
Peshawar	..	35 10	32 07	07 06	01 06	06 06
Quetta		..	..		04 03	26 09
Sharjah						
Sylhet	13 08	15 03	21 03	27 05	30 10	27 08
Veraval					..	

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	24 08	24 10	25 13	28 14	..	..	..	..	..	..	..
Chaklala	..	..		..	..	..	..	..	..	..	..
Chhor				..	..	..	..	..	..	..	..
Chittagong	15 04	17 05	19 03	..	..	..	..	..	..	..	..
Cox's Bazar	26 07	29 04	33 05	01 06	36 07						
Dacca	19 08	22 06	23 06	30 08	30 05	28 15	28 12	28 11	28 08	06 03	18 02
Dalbandin	..		07 06	26 03	20 11	33 18	35 21	33 10	26 10	26 24	26 58
D. I. Khan											
Drosh	..	..	..	..	01 09	36 06	35 06	01 08	03 08	27 11	27 25
Fort Sandeman				22 04	26 04	28 05	22 02	29 08	29 15	29 18	27 47
Jacobabad	10 03	13 03	18 04	18 02	31 08	36 07	34 13	32 15	31 17	27 36	26 36
Jessore											
Jhelum	30 02	30 02	30 04	30 04	30 03	32 11	34 21	32 10	29 11	28 10	26 44
Jiwani	12 08	14 07	23 08	..	..	..	..	..			
Karachi	25 16	25 16									
Khanpur	26 07	34 08	35 07	04 07	06 17	02 23	03 11	28 18	26 17		
Lahore	30 07	30 13	30 16	30 18	31 13	34 12	36 19	34 07	30 08	28 17	
Multan	22 08	22 11	19 12	17 10	14 10	04 12	05 13	33 10	31 12	30 37	26 47
Muscat	..	..	..	..	..	..		..			
Panjgur											
Peshawar	..	17 02	22 01	15 02	10 05	36 16	28 13	33 09	32 09	29 23	27 39
Quetta	..			..	36 03	31 04	32 07	33 16	31 17	27 25	27 49
Sharjah							..	..			
Sylhet	16 01	19 04	25 03	28 12	29 15	31 10	..	..			
Veraval		..	..				..	..			

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	25 15	25 17	31 17	28 11	28 11	36 17	01 15	06 13	26 08	30 17	26 19	25 35	23 33	26 39	21 33	24 60		
Peshawar	Misds																	
Quetta																		

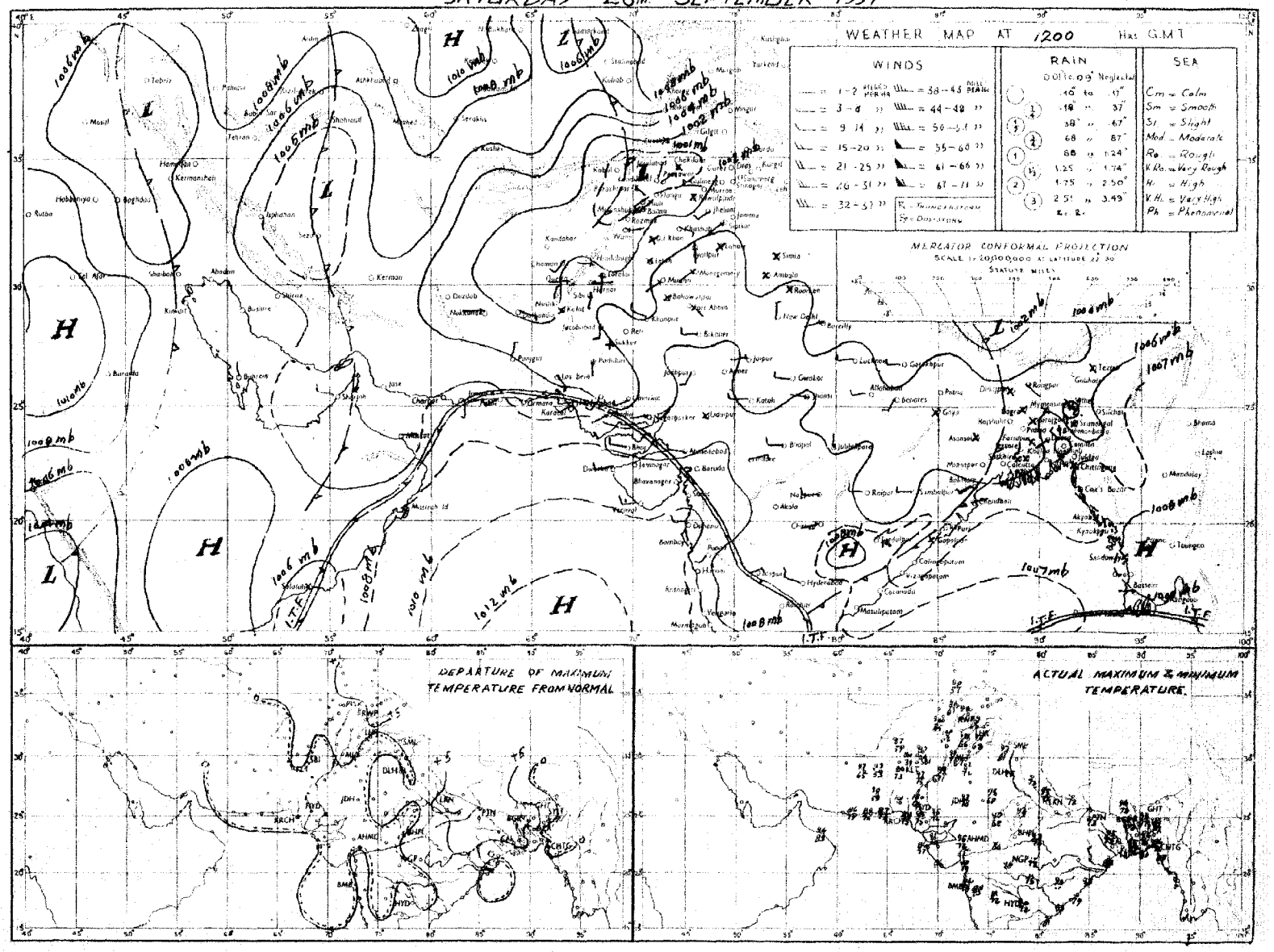
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddvrvr etc)

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.

PAKISTAN DAILY WEATHER MAP

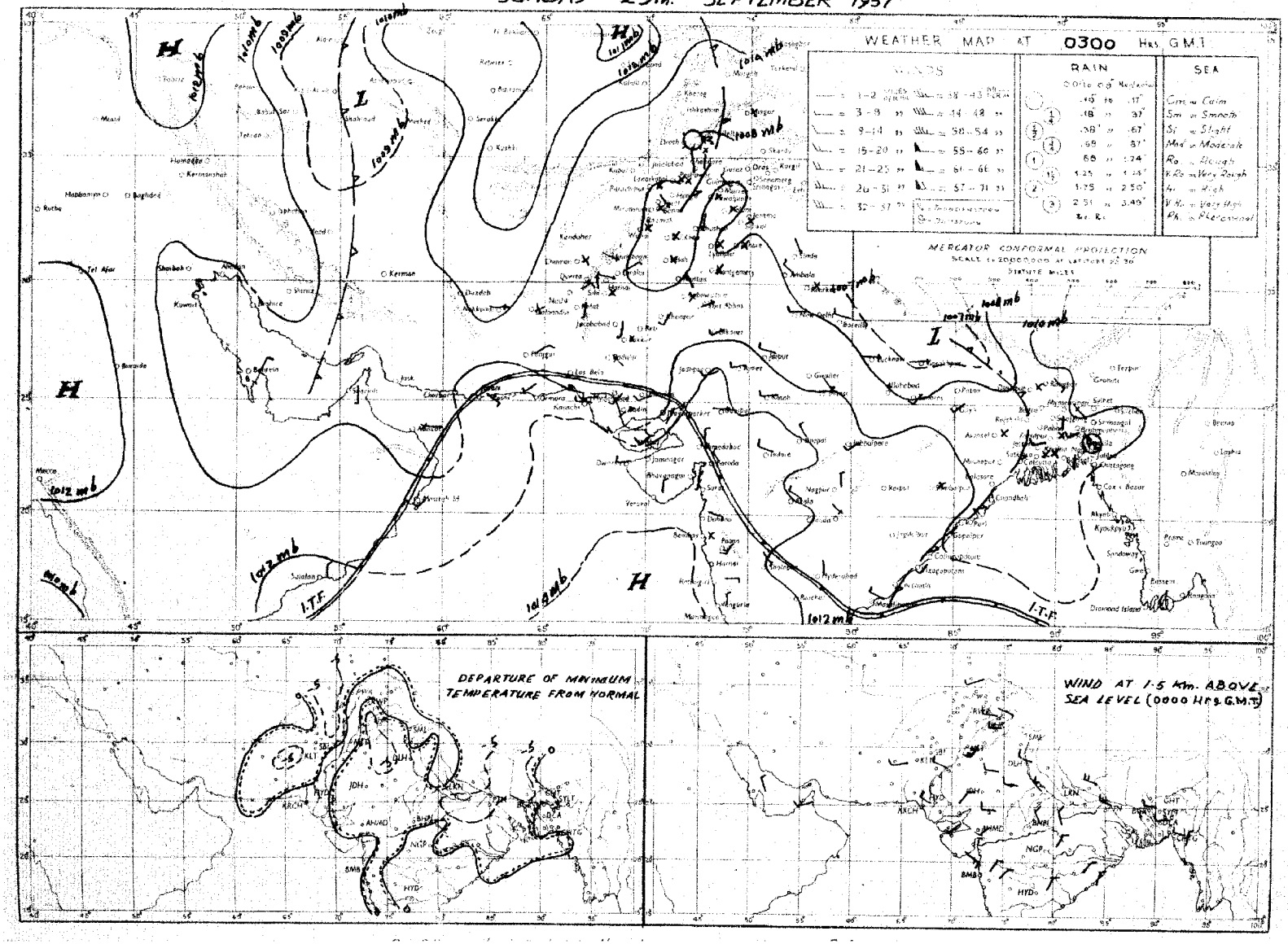
SATURDAY 28th. SEPTEMBER 1957



Rainfall amounts indicated in the above chart refer to [illegible] 9 [illegible]

PAKISTAN DAILY WEATHER MAP

SUNDAY 29th. SEPTEMBER 1957



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S 1467

MONDAY, THE 30th SEPTEMBER, 1957.

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

Yesterday's low pressure wave is now moving across the northern districts of Chittagong division and adjoining Assam.

Scattered rain has fallen in Chittagong and Dacca divisions.

Comilla and Dacca reported ¼" rain each.

Weather remained dry elsewhere over the country.

Day temperatures were generally 3-5°F above normal in Peshawar, Rawalpindi and Lahore divisions and in East Pakistan.

Forecast valid until the evening of 1st:—Scattered thunderstorms/showers will occur in Chittagong and Dacca divisions. Weather will be dry over the rest of the country.

Karachi-11.
The 30th September, 1957.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

DIVISIONS	STATION	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	4	25	03	95	02	0	074	83	3	3	7	4	9	77	89
	Chittagong	000	0	3	23	09	96	01	1	065	83	2	0	9	2	1	77	89
	Maidee Court	000	5	2	00	00	99	01	1	064	85	0	0	9	0	1	78	90
	Comilla	000	0	2	00	00	96	02	0	060	87	2	2	7	0	0	78	91
	Brahmanbaria	000	0	8	00	00	97	03	2	065	81	8	5	5	X	X	72	90
	Sylhet	012	8	5	00	00	96	02	6	061	81	2	5	6	7	0	75	85
	Srimangal	003	8	6	00	00	95	02	2	067	79	6	5	6	0	0	76	85
Dacca	Mymensingh	000	0	2	00	00	98	01	2	073	81	2	4	5	0	0	74	88
	Narayanganj	000	0	8	00	00	95	03	2	063	82	3	4	6	7	X	73	93
	Dacca (Tejgaon)	018	3	8	13	03	97	02	6	059	79	3	4	6	5	X	71	90
	Faridpur	000	8	3	16	02	94	01	1	060	83	3	4	7	0	0	75	91
	Barisal	000	6	1	18	01	96	01	0	056	89	1	0	8	2	0	79	92
Rajshahi	Khulna	000	0	0	00	00	97	00	0	060	87	0	0	9	0	0	78	94
	Satkhira	000	0	4	00	00	98	01	0	059	86	0	0	9	0	0	76	93
	Jessore	000	1	4	18	02	97	01	5	052	80	2	4	6	6	0	76	94
	Sirajganj	000	0	0	00	00	94	00	0	058	87	0	0	9	0	0	77	94
	Bogra	000	0	0	27	02	96	00	0	061	93	0	0	9	0	0	72	95
	Dinajpur	000	0	0	00	00	96	00	0	053	89	0	0	9	0	0	76	94
	Rangpur	000	0	1	27	02	96	01	0	XXX	89	1	0	9	1	0	81	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	23	03	96	02	0	045	95	0	0	9	0	0	61	98
	Sialkot	000	0	0	31	02	97	00	0	044	94	0	0	9	0	0	56	99
Rawalpindi	Jhelum	000	0	0	18	05	97	02	0	031	93	0	0	9	0	0	57	00
	Rawalpindi	000	0	1	00	00	99	02	0	024	90	1	0	9	0	0	52	94
	Khushab	000	0	0	23	02	98	00	0	036	98	0	0	9	0	0	68	98
Multan	Lyallpur	000	0	0	23	02	96	00	0	048	97	0	0	9	0	0	50	01
	Montgomery	000	0	0	23	02	97	00	0	051	98	0	0	9	0	0	53	99
	Multan	000	0	0	13	02	96	00	0	054	97	0	0	9	0	0	45	02
Bahawalpur	Laiah	000	0	0	18	10	98	07	3	XXX	98	0	0	9	0	0	XX	99
	Khanpur	000	0	0	31	03	96	00	0	049	95	0	0	9	0	0	80	98
	Bahawalpur	000	0	0	00	00	97	00	0	052	96	0	0	9	0	0	71	98
	Fort Abbas	000	0	0	23	02	97	00	0	052	88	0	0	9	0	0	68	01
Peshawar	Chakdara	000	0	1	XX	XX	98	03	1	000	88	1	2	7	0	0	56	95
	Peshawar	000	0	1	05	03	96	02	0	021	92	1	1	6	0	0	59	97
	Haripur																	
	Campbellpur	000	0	0	00	00	98	00	0	005	96	0	0	9	0	0	46	96
D.I. Khan	Bannu	000	0	0	11	02	99	00	0	024	94	0	0	9	0	0	69	97
	D.I. Khan	000	0	0	00	00	98	00	0	031	95	0	0	9	0	0	53	98
Quetta	Sibi	000	0	0	23	02	98	00	0	037	94	0	0	9	0	0	72	05
	Nokkundi	000	0	0	18	02	99	02	0	018	00	0	0	9	0	0	37	01
	Turbat	000	0	0	23	02	97	00	0	080	02	0	0	9	0	0	88	03
	Jiwani	000	0	6	13	09	96	03	1	083	82	6	6	4	0	0	73	85
	Pasni	000	0	4	23	10	96	02	0	085	86	4	5	7	0	0	73	88
	Ormara	000	0	0	XX	XX	98	00	0	104	85	0	0	9	0	0	75	86
	Las Bela	000	0	0	09	03	98	00	2	107	91	0	0	9	0	0	72	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	09	98	02	0	085	83	0	0	9	0	0	76	86
	Karachi (Air port)	000	0	2	25	14	97	02	1	087	83	2	4	6	0	0	70	87
	Badin	000	0	0	23	02	97	00	0	083	90	0	0	9	0	0	69	94
	Nagarparkar	XXX	X	0	25	02	98	00	0	XXX	XX	0	0	9	0	0	XX	XX
	Umarkot	000	0	0	23	03	97	00	0	009	94	0	0	9	0	0	69	97
	Hyderabad	000	0	0	23	12	94	07	0	068	93	0	0	9	0	0	67	97
Khairpur	Pad-i-dan	000	0	0	13	02	98	02	0	053	01	0	0	9	0	0	53	01
	Nawabshah	000	0	0	00	00	97	02	0	042	00	0	0	9	0	0	49	01
	Sukkur	000	0	0	00	00	96	00	0	048	95	0	0	9	0	0	64	00
	Kashmore																	
	Jacobabad	000	0	0	18	05	97	02	0	053	97	0	0	9	0	0	76	99
Junagarh	Veraval																	
Afghanistan	Jalalabad																	
Arabian Sea	Muscat	000	0	0	09	02	99	00	0	074	88	0	0	9	0	0	78	91
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg *																	
	Sonamarg *																	
	Dras *																	
	Leh *																	
	Skardu *																	
	Miqar *	000	0	0	00	00	98	00	0	042	58	0	0	9	0	0	18	66
Punjab Hills	Allahabad *																	
	Gilgit *																	
	Murree *	000	0	0	29	03	98	00	0	472	68	0	0	9	0	0	49	72
	Drosh *	000	0	3	23	02	96	01	1	476	80	2	2	7	0	0	37	88
	Chitral *	000	0	3	18	03	96	00	0	480	84	0	0	9	0	0	45	87
	Kakul *	000	6	1	20	07	98	02	1	481	80	1	2	7	6	0	49	87
	Landi Kotal *	000	0	0	02	02	97	00	0	470	86	0	0	9	0	0	42	86
	Parachinar *	000	0	0	13	02	99	00	0	493	88	0	0	9	0	0	26	XX
	Miranshah *	000	0	0	07	02	99	00	0	513	90	0	0	9	0	0	XX	91
	Wana *	000	0	0	23	01	99	00	0	457	88	0	0	9	0	0	69	89
Quetta	Fort Sandeman *	000	0	0	36	02	96	00	0	478	81	0	0	9	0	0	49	80
	Hindubagh *	000	0	0	27	02	98	00	0	476	82	0	0	9	0	0	41	83
	Loralai *	000	0	0	18	02	98	00	0	472	82	0	0	9	0	0	41	85
	Marmul *	000	0	0	09	02	98	00	0	XXX	XX	0	0	9	0	0	XX	XX
	Quetta *	000	0	0	27	02	98	00	0	440	79	0	0	9	0	0	57	81
	Chaman *	000	0	0	31	03	98	00	0	491	86	0	0	9	0	0	51	88
Kalat	Kalat *	000	0	0	34	03	98	00	0	485	76	0	0	9	0	0	39	79
	Nushki *	000	0	0	31	09	96	00	0	536	93	0	0	9	0	0	17	94
Makran	Dalbandin *	000	0	0	00	00	97	02	0	495	93	0	0	9	0	0	45	95
	Panjgur *	000	0	0	23	00	98	00	0	486	91	0	0	9	0	0	49	94
	Kabul *	000	0	0	18	00	99	00	0	546	84	0	0	9	0	0	41	93
	Kandahar *																	

DIVISIONS	STATION	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs and tenths)* (PPP)	Dry Bulb Temperature°F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Departure from Normal of: Minimum Temperature (TnTn)	Rainfall: Since 1st June 1957 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1957 to date	Rainfall: Departure from normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
Chittagong	Cox's Bazar	000	0	1	34	03	96	01	0	103	86	1	1	8	0	0	77	76	+ 2	+ 1	117.3	+ 7.6		
	Chittagong	000	0	2	00	00	98	01	1	106	86	2	2	6	0	0	77	78	+ 3	+ 1	69.8	- 7.8		
	Maidee Court	000	9	0	00	00	98	00	6	103	84	0	0	9	0	0	75	74	+ 3	- 2	65.7	-18.0		
	Comilla	000	0	0	13	02	97	00	1	106	86	0	0	9	0	0	74	76	—	—	48.4	-14.[illegible]		
	Brahmanbaria	000	0	0	09	05	96	01	0	104	80	0	0	9	0	0	74	73	—	—	42.0	- [illegible]		
	Sylhet	000	9	0	00	00	97	00	0	107	86	0	0	9	0	0	75	72	- 6	+ 2	73.3			
	Srimangal																				43.3			
Dacca	Mymensingh	000	0	0	00	00	98	00	1	110	84	0	0	9	0	0	75	77	+ 1	0	28.4			
	Narayanganj	000	9	1	00	00	96	01	2	103	86	1	5	6	0	0	77	79	+ 5	+ 1	21.6			
	Dacca (Tejgaon)	018	9	3	18	02	97	02	1	095	85	2	4	4	3	0	77	76	—	—	47.9			
	Faridpur	000	9	3	00	00	96	03	0	093	84	3	5	7	0	0	78	77	+ 4	- 1	39.9			
	Barisal	000	8	0	00	00	96	00	0	101	86	0	0	9	0	0	78	80	+ 4	+ 2	43.9			
Rajshahi	Khulna	000	0	0	00	00	97	00	0	101	85	0	0	9	0	0	78	78	+ 6	+ 1	40.7			
	Satkhira	000	0	0	00	00	96	00	0	098	87	0	0	9	0	0	80	78	+ 6	+ 2	35.9			
	Jessore	000	0	2	23	02	97	01	0	096	81	2	0	9	6	0	78	77	—	—	37.8			
	Sirajganj	000	0	6	00	00	96	03	2	095	82	6	2	5	0	0	78	77	+ 7	0	46.2			
	Bogra	000	0	6	13	02	97	02	0	095	82	6	4	6	0	0	79	77	+ 7	0	38.2			
	Dinajpur	000	2	7	00	00	96	02	2	099	82	4	4	7	2	0	72	72	+ 6	- 5	44.8			
	Rangpur	000	0	5	18	02	96	03	1	XXX	83	5	5	6	0	0	77	75	+ 5	- 1	44.7			
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	084	79	0	0	9	0	0	63	67	0	- 1	16.7	+ 2.3	25.4	10
	Sialkot	000	0	0	13	02	97	00	0	073	79	0	0	9	0	0	63	70	+ 4	0	31.9	- 1.6	34.1	22
Rawalpindi	Jhelum	000	0	0	36	02	96	02	0	081	72	0	0	9	0	0	57	65	—	—	16.7		27.3	
	Rawalpindi	000	0	0	13	02	99	00	0	085	74	0	0	9	0	0	58	62	+ 1	- 3	14.6	- 0.6	30.6	36
	Khushab	000	0	0	20	02	98	00	0	075	82	0	0	9	0	0	66	67	0	- 4	8.2	- 2.0	17.0	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	073	77	0	0	9	0	0	66	66	+ 3	- 4	10.1	+ 1.0	16.2	12
	Montgomery																		0					10
	Multan	000	0	0	23	02	96	00	0	067	77	0	0	9	0	9	59	73	+ 4	0	—	—	—	7
Bahawalpur	Laiah	000	0	0	00	00	97	00	0	XXX	74	0	0	9	0	0	XX	67	—	—	—	—	—	8
	Khanpur	000	0	0	22	04	96	00	0	090	77	0	0	9	0	0	77	69	- 2	- 3	0.1	- 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	97	00	0	080	77	0	0	9	0	0	XX	70	- 1	0	1.3	- 2.9	2.5	6
	Fort Abbas	000	0	0	23	02	99	03	0	083	76	0	0	9	0	0	69	70	—	—	—	—	—	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	072	68	0	0	9	0	0	52	50	—	—	2.7	—	17.5	
	Peshawar	000	0	1	00	00	97	02	0	074	72	1	0	9	3	0	57	66	+ 4	- 1	1.9	- 2.5	13.9	14
	Haripur	000	0	0	13	02	98	00	0	063	78	0	0	9	0	0	45	67	—	—	7.9	—	11.9	
	Campbellpur	000	0	0	00	00	98	00	0	077	73	0	0	9	0	0	53	68	—	—	5.7	—	21.1	
D.I. Khan	Bannu	000	0	0	31	02	99	00	0	061	80	0	0	9	0	0	56	67	—	—	2.4	—	9.5	11
	D.I. Khan	000	0	0	05	02	97	00	0	056	74	0	0	9	0	0	55	65	0	- 6	2.3	- 3.2	7.8	10
Quetta	Sibi	000	0	0	00	00	99	00	0	079	76	0	0	9	0	0	65	75	—	—	1.1	—	6.2	5
	Nokkundi	000	0	0	36	02	99	02	0	083	80	0	0	9	0	0	34	71	—	—	0	—	1.9	4
	Turbat	000	0	0	00	00	98	00	0	099	92	0	0	9	0	0	XX	81	—	—	2.5	—	5.9	4
	Jiwani	000	0	7	09	02	96	03	1	107	79	1	5	5	0	0	72	73	—	—	0	—	3.1	6
	Pasni	000	0	6	09	00	95	07	0	126	78	6	5	7	0	0	74	74	- 3	+ 3	0	- 0.9	6.2	6
	Ormara	000	0	8	00	00	98	02	0	134	80	8	4	5	X	X	73	75	—	—	0	- 0.8	3.8	6
	Las Bela	000	0	0	01	02	95	27	4	092	74	0	0	9	0	0	70	71	—	—	1.5	—	2.6	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	25	05	97	02	0	108	79	1	0	8	7	9	72	76	0	0	0.6	- 5.4	1.1	8
	Karachi (Air port)	000	0	6	25	07	96	03	2	111	80	6	6	5	5	0	69	76	—	—	0.9	—	1.0	9
	Badin	000	0	0	23	02	96	00	0	101	77	0	0	9	0	0	71	XX	- 2	—	3.6	- 3.5	3.6	
	Nagarparkar	XXX	X	0	00	00	98	00	0	XXX	XX	0	0	9	0	0	XX	XX	—	—	—	—	—	
	Umarkot	000	0	0	18	01	97	00	0	097	74	0	0	9	0	0	72	71	—	—	4.7	—	4.7	7
	Hyderabad	000	0	0	23	09	97	02	0	094	78	0	0	9	0	0	69	75	- 2	0	0.9	- 5.1	2.8	
Khairpur	Pad-i-dan	000	0	0	13	02	98	02	0	073	71	0	0	9	0	0	66	67	—	—	0.1	—	1.4	
	Nawabshah	000	0	0	00	00	97	00	0	078	75	0	0	9	0	0	69	72	—	—	—	—	—	4
	Sukkur																				0.1	—	2.9	
	Kashmore																							
	Jacobabad	000	0	0	13	05	97	02	0	080	77	0	0	9	0	0	72	72	- 2	- 1	0	- 2.3	3.5	4
Junagarh	Veraval																							20
Afghanistan	Jalalabad																							4
Arabian Sea	Muscat	000	0	0	00	00	98	00	0	104	44	0	0	9	0	0	10	39	—	—	—	—	—	26
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *																							71
	Gulmarg *																							24
	Sonamarg *																							3
	Dras *																							6
	Leh *																							
	Skardu *																							
	Miqar *	000	0	0	00	00	98	00	0	104	44	0	0	9	0	0	10	39	—	—	—	—	—	5
Punjab Hills	Allahabad *																							59
	Gilgit *																							18
	Murree *	000	0	0	27	02	98	00	0	495	63	0	0	9	0	0	38	56	+ 2	+ 3	24.3	- 11.3	58.0	29
	Drosh *	000	0	0	00	00	96	03	0	507	62	5	0	9	2	0	37	60	+ 4	0	2.1	—	24.3	
	Chitral *	000	0	0	23	02	96	00	0	497	72	0	0	9	0	0	44	70	+ 4	- 7	5.2	- 6.8	22.8	
	Kakul *	000	0	0	02	02	97	02	0	495	72	0	0	9	0	0	51	64	—	—	14.2	—	41.9	
	Landi Kotal *	000	0	0	00	00	97	03	0	485	72	2	0	9	5	0	47	60	—	—	—	—	—	29
	Parachinar *	000	0	0	00	00	99	00	0	793	48	0	0	9	0	0	XX	XX	—	—	6.7	—	25.8	
	Miranshah *	000	0	0	00	00	99	00	0	511	73	0	0	9	0	0	60	64	—	—	3.1	- 1.6	15.4	13
	Wana *	000	0	0	36	00	99	03	0	522	74	2	1	9	0	0	40	64	—	—	—	—	—	
Quetta	Fort Sandeman *	000	0	0	00	00	97	00	0	495	69	0	0	9	0	0	50	54	0	- 2	2.4	- 2.6	12.9	11
	Hindubagh *	000	0	0	00	00	98	00	0	401	64	0	0	9	0	0	37	55	—	—	0	—	12.3	
	Loralai *	000	0	0	27	02	98	00	0	489	58	0	0	9	0	0	27	53	—	—	1.9	—	10.7	
	Marmul *	000	0	0	00	00	98	00	0	XXX	XX	0	0	9	0	0	XX	XX	—	—	2.0	- 5.4	14.3	14
	Quetta *	000	0	0	00	00	96	00	0	500	66	0	0	9	0	0	39	60	—	—	0	- 1.0	9.5	9
	Chaman *	000	0	0	00	00	97	00	0	511	76	0	0	9	0	0	50	61	+ 1	+ 2	0	- 0.2	10.2	9
Kalat	Kalat *	000	0	0	00	00	98	03	0	526	56	0	0	9	0	0	29	47	- 1	+ 3	0	- 1.2	8.4	7
	Nushki *	000	0	0	05	05	97	00	0	538	75	0	0	9	0	0	24	71	—	—	0	—	6.1	6
Makran	Dalbandin *	000	0	0	05	00	97	03	0	483	64	0	0	9	0	0	23	53	- 2	- 3	0	- 0.3	4.4	6
	Panjgur *	000	0	0	05	03	98	00	0	498	66	0	0	9	0	0	27	69	0	+ 2	0	—	4.2	12
	Kabul *																							
	Kandahar *																							

*Given in Code
†These stations report for PPP, the geopotential of the 850 mbs. pressure level in geopotential metres, the thousands figure omitted.
‡These stations report for PPP, the geopotential of the 700 mbs. pressure level in geopotential metres, the thousands figure omitted.
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 day
Whenever 000 is given or RRR are the footnotes shows for the actual amount of rainfall).

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WEATHER BUREAU

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 30th SEPTEMBER, 1957

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	$D_s V_s$ a PP	8 N_s C $h_s h_s$	O T_sT_s T_dT_d	$Id_{w}d_{w}P_{w}H_{w}$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
President Munro	13 216	624 00	6 22 17	98 03 2	102 78	51 4 00	5 5 285	..	0 00 72	1 23 x2
President Munro	13 205	611 06	3 23 15	98 01 0	132 81	31 4 00	5 5 284	..	0 02 73	1 23 31
Alleppey	13 219	683 06	2 27 09	99 02 0	142 82	21 6 00	3 3 102	..	0 00 72	1 27 31
President Munro	13 196	597 12	4 23 15	98 02 2	102 83	43 7 00	5 6 610	..	0 02 73	1 23 x1

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface (PPP TTT $T_dT_dT_d$)	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHH TTT $T_dT_dT_d$								HHHTTT			
16	17	3	4	5	6	7	8	9	10	11	12	13	14	15
Karachi ..	00 00	006 285 238	076 258 235	..	490 265 172	..	178 122 035	451 048 522	922 515 585	673 605 665	981 775	261 958	449 872	701 148
Peshawar ..	00 00	Miss 832 125 002	..	..	..	..	108 502 999	319 595 999	696 710 999	..	..	..	..	..

STATION	Time of ascent in G. M. T.	At Significant Levels: PPP TTT $T_dT_dT_d$							Max. Height Reached (PPP TTT $T_dT_dT_d$)	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: St. HHHH TTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Karachi ..	00 00	900 272 178	800 222 128	350 698 752	250 865 908	150 128 999	028 128 999	..	..	..	028 128 999	..	..
Peshawar ..	00 00	Miss 800 102 048	..	..	..	..	..	..	..	..	800 102 048	..	..

PPP-Pressure in hundreds tens and units of millibars.
TTT : $T_dT_dT_d$: Dry Bulb | Dew Point temperatures (in tenths of °C)
St-Character of tropopause.

HHH, HHHH (heights)-Tens of geopotential metres.
TT-Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA *

Height in kms. a.s.l.	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Karachi ..	19 16	21 11	23 10	24 11	26 11	28 09	..	..	..
Quetta ..	..	..	..	..	..	..	..	..	..
Quetta ..	23 15	23 14	21 06	27 07	30 12	34 18	35 15	34 19	31 19
Chittagong ..	24 11	25 09	21 03	02 06	35 13	31 17	28 17	27 11	28 11
Cox's Bazar ..	28 09	31 06	34 06	03 08	01 08	29 17	27 09	29 10	30 07
Dacca ..	21 04	22 06	26 07	28 10	29 12	25 12	..	..	..
Dibrugarh ..	..	..	23 03	10 04	35 04	24 10	02 02	29 14	27 20
D. L. Khan ..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	23 13	21 24	25 10	..	..	..
Fort Sandeman ..	..	..	..	22 06	24 07	22 08	30 13	32 17	30 22
Hasan Abdal ..	18 08	23 06	23 03	33 03	35 05	35 07	36 07	34 13	31 15
Jacobabad ..	..	..	..	..	..	..	..	..	..
Jacobabad ..	20 16	22 13	23 10	31 09	31 11	30 15	35 15	30 15	31 13
Jhelum ..	18 09	18 09	18 06	32 01	34 11	24 12	..	..	..
Kandahar ..	26 15	27 15	28 12	32 08	36 04	05 03	33 13	29 17	26 15
Kharan ..	05 04	09 02	09 04	05 12	03 13	02 13	31 16	29 33	..
Lahore ..	26 07	26 08	26 10	30 10	33 12	36 15	33 09	31 12	29 16
Multan ..	17 06	17 12	17 13	18 12	10 04	02 12	04 12	33 21	32 19
Mustang ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	32 11	29 05	36 12	35 15	36 18
Quetta ..	..	..	..	..	..	..	..	..	..
Sibi ..	12 02	23 03	28 05	28 12	30 08	24 12	..	..	..
Veraval ..	..	..	..	..	..	..	..	..	..

Height in kms. a.s.l.	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Karachi ..	21 10	18 10	..	..	..	..
Quetta ..	..	..	..	..	..	..
Quetta ..	24 22	25 23	23 61	06 02	..	..
Chittagong ..	05 09	04 08	36 06	35 10	34 12	36 05
Cox's Bazar ..	01 11	36 10	33 09	35 09	33 09	31 05
Dacca ..	23 05	23 06	30 03	32 02	26 02	27 08
Dibrugarh ..	..	..	01 02	33 02	27 02	29 10
D. L. Khan ..	..	..	..	..	..	..
Drosh ..	..	..	..	22 02	26 01	27 04
Fort Sandeman ..	..	..	..	21 03	27 08	33 11
Hasan Abdal ..	13 06	18 07	24 11	23 08	25 03	32 06
Jacobabad ..	..	..	..	..	..	..
Jacobabad ..	01 04	32 08	31 11	32 13	31 07	31 11
Jhelum ..	15 06	..	..	..	..	..
Kandahar ..	27 15	28 17	..	..	..	..
Kharan ..	24 13	23 09	24 06	32 07	15 07	26 04
Lahore ..	33 10	29 17	27 19	28 12	32 09	35 08
Multan ..	19 25	20 24	20 19	19 13	22 06	28 04
Mustang ..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	29 01	31 12
Quetta ..	..	..	..	..	..	..
Sibi ..	07 10	05 06	22 01	28 09	36 03	22 09
Veraval ..	..	..	..	..	..	..

Height in kms. a.s.l.	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Karachi ..	16 04	17 06	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	..	..	..	..	..	..	..
Quetta ..	..	..	..	..	..	..	..	..	..	..	..
Chittagong ..	33 05	34 08	35 10	03 10	04 10	12 05	..	..	..	..	..
Cox's Bazar ..	32 06	35 07	36 10	36 11	01 06	22 09	25 10	27 03	20 02	35 01	01 11
Dacca ..	07 06	06 03	05 04	..	..	..	..	..	..	..	..
Dibrugarh ..	..	..	08 07	05 03	32 09	34 11	29 14	28 15	28 17	29 17	25 26
D. L. Khan ..	..	..	..	..	..	..	..	..	..	..	..
Drosh ..	..	..	..	..	02 02	04 10	36 13	36 15	34 02	34 23	..
Fort Sandeman ..	..	..	..	24 06	22 09	29 10	26 11	26 11	26 11	25 25	26 38
Hasan Abdal ..	21 07	21 08	21 07	23 09	23 07	36 13	35 12	26 08	22 10	26 23	24 31
Jacobabad ..	..	..	..	..	..	..	..	..	..	..	..
Jacobabad ..	10 03	25 03	28 06	28 10	29 11	31 10	30 14	30 16	29 17	27 26	25 51
Jhelum ..	13 08	11 03	31 03	36 07	35 07	04 03	34 05	..	..	..	..
Kandahar ..	26 16	27 15	29 13	29 09	24 09	05 08	03 18	36 03	23 14	25 26	24 29
Kharan ..	23 10	24 11	24 11	24 08	27 05	32 08	36 10	29 10	27 17	25 29	24 53
Lahore ..	26 03	26 09	26 12	26 12	29 06	25 07	34 18	34 17	30 13	27 21	25 43
Multan ..	20 09	20 18	19 19	20 13	19 10	24 03	31 08	25 13	25 18	25 25	25 49
Mustang ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	..	..	..	..	..	..	..	..	..	..
Peshawar ..	..	01 03	34 05	33 05	28 04	27 04	33 01	29 13	28 17	26 23	25 41
Quetta ..	..	..	..	..	31 06	34 14	30 14	28 11	29 13	25 29	26 33
Sibi ..	08 08	01 01	06 02	04 04	04 04	17 05	25 08	29 08	24 08	26 09	26 13
Veraval ..	..	..	..	..	..	..	..	..	..	..	..

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

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a. s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.7	18.9	21.0	24.0
STATIONS	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ..																		
Dacca ..																		
Karachi ..	27 13	29 07	29 07	28 08	31 04	03 07	04 13	31 08	31 09	25 27	25 29	22 31	23 18	23 37	22 35	22 14	21 17	18 19
Peshawar ..	Miss																	
Quetta ..																		

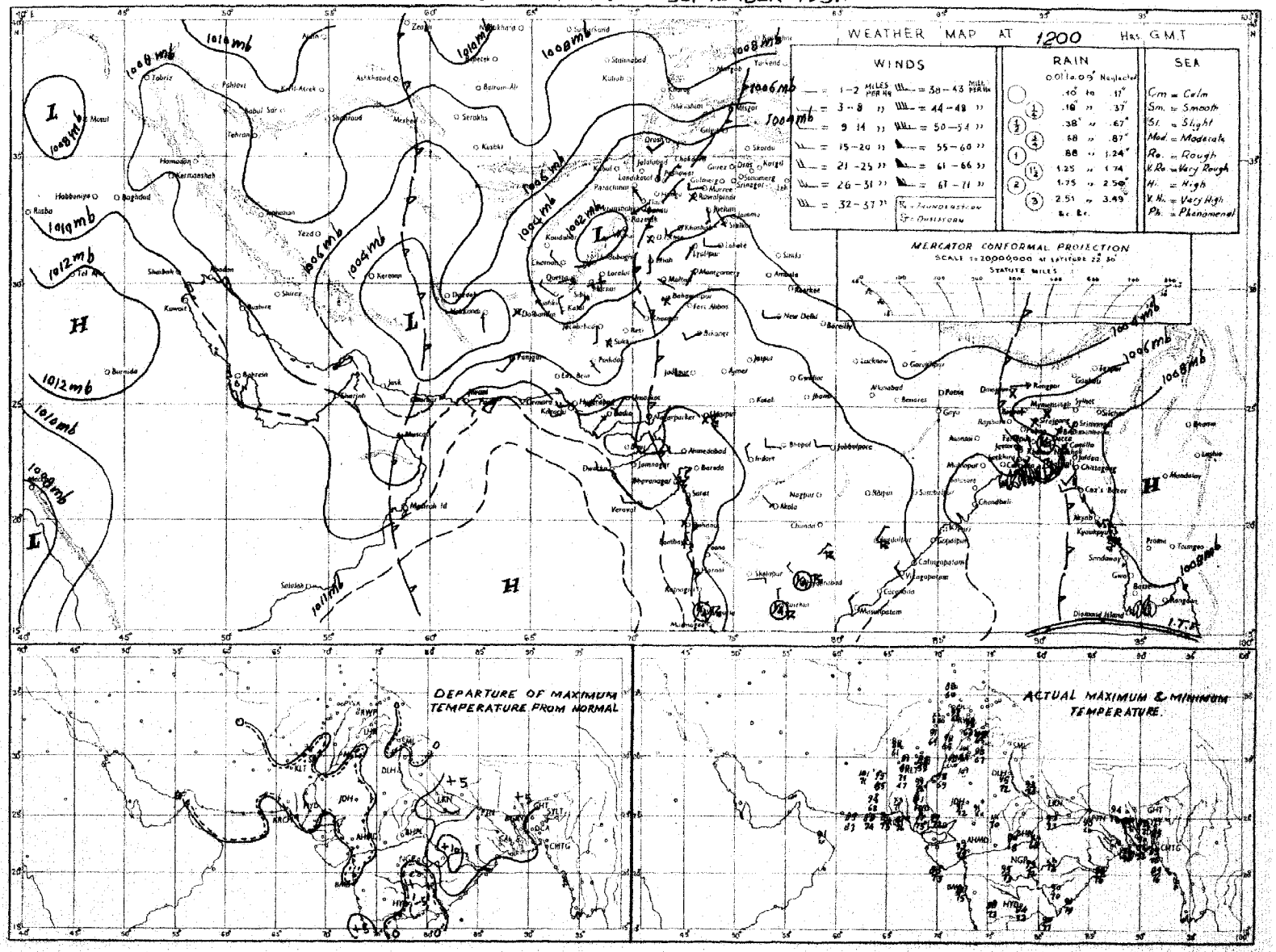
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. They next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv$_r$v$_r$ etc)

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

PAKISTAN DAILY WEATHER MAP

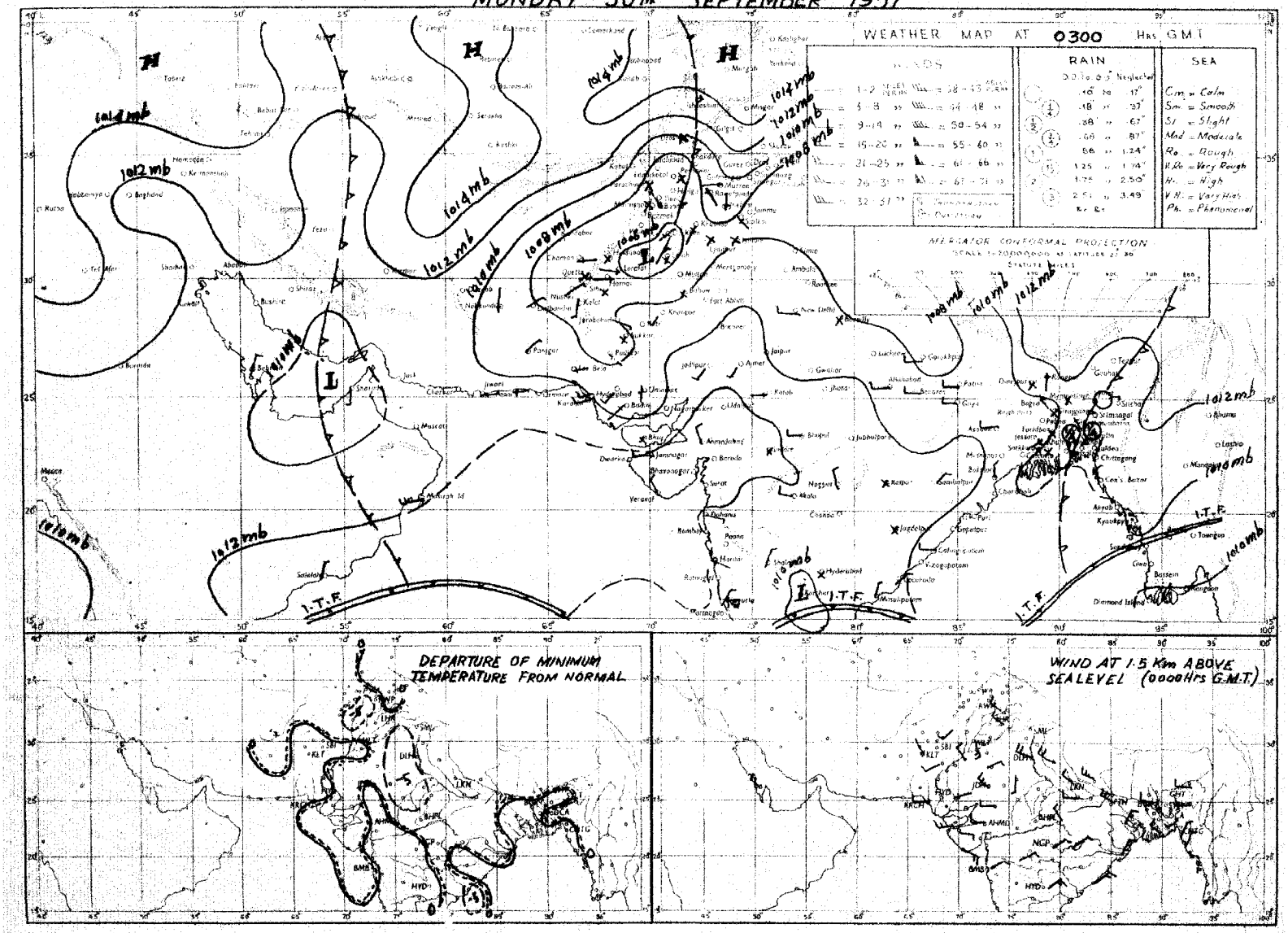
SUNDAY 29th: SEPTEMBER 1957.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 30th SEPTEMBER 1957



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

OCT 1959